## PUBLIC UTILITY COMMISSION OF OREGON STAFF REPORT

PUBLIC MEETING DATE: December 15, 2020

REGULAR X CONSENT EFFECTIVE DATE February 1, 2021

**DATE:** December 8, 2020

**TO:** Public Utility Commission

**FROM:** Sabrinna Soldavini

THROUGH: Bryan Conway and John Crider SIGNED

**SUBJECT:** PORTLAND GENERAL ELECTRIC:

(Docket No. ADV 1130/Advice No. 20-14)

Updates Schedule 300 Line Extension Allowance, revising Residential

Line Extension Allowance.

#### STAFF RECOMMENDATION:

Approve Portland General Electric's (PGE or Company) Advice No. 20-14, which updates Schedule 300 Line Extension Allowance, to revise the residential line extension allowance (LEA) policy, effective with service rendered on and after January 1, 2021, subject to the following condition:

 No later than June 30, 2025, the Company agrees to initiate a review, along with Staff and other interested parties, of the residential LEAs using updated PGE energy use data for newly constructed residential homes.

#### DISCUSSION:

#### <u>Issue</u>

Whether the Public Utility Commission of Oregon (Commission) should approve PGE's Advice No. 20-14, updating Schedule 300 Line Extension Allowance.

#### Applicable Rule or Law

ORS 757.205 requires public utilities to file schedules showing all rates, tolls, and charges for service that have been established and are in force at the time. Pursuant to

ORS 757.210, the Commission may approve tariff changes if they are deemed to be fair, just, and reasonable.

ORS 757.220 requires that any proposed change in rates, tolls, charges, rules, or regulations must be filed with the Commission by the utility at least 30 days before the effective date of the changes. ORS 757.220.

OAR 860-022-0025 requires that each energy utility changing existing tariffs or schedules must include in its filing a statement plainly indicating the increase, decrease, or other change made with the filing, the number of customers affected by the proposed change and the resulting change in annual revenue; and the reasons or grounds relied upon in support of the proposed change.

OAR 860-021-0045(1) states that an electric company shall, with the exceptions provided under its extension rules, furnish service connections to the customer's service entrance.

#### Analysis

#### Background

On June 8, 2020, PGE filed Advice No. 20-14, requesting updates to its residential LEA, as outlined in Schedule 300's Line Extension Allowance. PGE's filing seeks to substantively change the Company's current residential line extension policy. Currently, all new residential dwellings have the same maximum residential LEA, \$1,623. The Company's filing seeks to create two distinct categories for residential LEAs, each with their own LEA.

The first category, Residential Service All Electric (All Electric), would be available to dwellings where the primary heating source is provided by an active electric HVAC-system. The second category, Residential Service Primary Other (Other), would be available to dwellings where the active primary service is provided by an HVAC system using combustion furnaces fueled by natural gas, propane, oil, and biodiesel as well as all passive HVAC-system solutions.

In PGE's initial application, the Company requested an All Electric LEA of \$2,560 per dwelling/unit and an Other LEA of \$1,590 per dwelling/unit.

On August 20, 2020, the Company submitted a supplemental filing, lowering the amount of the Residential All Electric LEA to \$2,260 per dwelling/unit and committing to an automatic review to be conducted between Staff, the Company, and interested parties

with updated PGE energy use data for newly constructed residential homes no later than June 2025.

On November, 19, 2020, PGE submitted a second supplemental filing requesting to modify the effective date from January 1, 2020, to February 1, 2020, with the understanding that Staff would bring this docket to the Commission for decision at the December 15, 2020, Public Meeting.

PGE's proposal sets the residential LEA to three times the annual distribution and basic charge revenues. The proposed LEAs are calculated using the average between PGE new home construction usage data and industry estimated consumption for specific end-uses in residential new construction.

In its filing, the Company asserts that this proposal to restructure its residential LEAs supports Oregon's decarbonization goals, as outlined in the Governor's Executive Order No. 20-04 (EO 20-04), by providing an incentive to electrify, and thereby decarbonizing residential load. However, Staff's analysis and recommendation does not rely on PGE's assertion, but instead relies only on applicable statutes and rules.

### Line Extension Allowance Principles

An energy utility is assigned an exclusive service territory. Within the service territory, the utility is obligated to serve all customers. However, this obligation does not exempt the new customer from bearing the costs incurred to connect the customer to the system. A line extension allowance is the amount of money the customer is credited against the PGE-estimated cost of their line extension.

Line extension allowances are a common practice in the utility industry. Most electric utilities have a line extension policy that outlines how costs are allocated and incurred to extend service to new customers. Generally, the utility provides a credit against the cost for providing services up to the customer property location.

The amount of the credit is the amount not collected from the customer. This means that the credit is essentially the amount that is added to the utility's rate base and included in overall revenue requirements. Given that the new customer will contribute revenues to the system which help pay for common costs, PGE is recognizing that a larger use customer should provide greater margins and thus can be offered a greater line extension amount. A limiting factor in the amount of the credit is to ensure that

<sup>&</sup>lt;sup>1</sup> Docket No. ADV 1130, PGE Initial Filing, page 2.

amount of the line extension does not result in higher rates to other customers since the credit is included in revenue requirements.<sup>2,3</sup>

Staff affirms its position that a line extension allowance should hold other customers harmless – that is, in its review, Staff's goal is to ensure that the proposed line extension allowance does not result in higher residential rates. To ensure that, the expected incremental revenues from the new customers are compared to the amount of the line extension allowance. Another consideration is to treat customers equitably. Since all residential customers have likely been eligible for line extensions, there should be a consideration of equity among customers for the line extension allowances they received.

#### Staff's Analysis & Review

In order to determine the reasonableness of PGE's proposal to have a more granular residential LEA, Staff focused its review on determining if the proposed LEA's would ensure that other customers would not be harmed by creating a distinct LEA for All Electric and Other residential dwellings.

To do so, Staff met with the Company on several occasions, and sent two sets of information requests, to ensure the Company's proposal uses the appropriate load estimates (to reasonably estimate the expected incremental revenue) and cost data (to estimate the supportable LEA).

#### **Load Data**

As mentioned above, PGE's proposal will set the residential LEA to three times the expected annual distribution and basic charge revenues.<sup>4</sup>

PGE's proposal to split the residential LEAs into All Electric and Other categories is in part justified by the idea that a new all-electric customer is likely to have higher annual kWh usage than a new customer who uses another fuel source.

The proposed Other LEA assumes an annual usage of 9,100 kWh, and the proposed All Electric LEA assumes annual usage of 12,980 kWh. The LEA's are calculated using PGE's new home construction usage data, as well as industry estimated consumption for specific end-uses in residential new construction from the Northwest Power

<sup>&</sup>lt;sup>2</sup> RAP Electric Cost Allocation for a New ERA, page 59: <a href="https://www.raponline.org/wp-content/uploads/2020/01/rap-lazar-chernick-marcus-lebel-electric-cost-allocation-new-era-2020-january.pdf">https://www.raponline.org/wp-content/uploads/2020/01/rap-lazar-chernick-marcus-lebel-electric-cost-allocation-new-era-2020-january.pdf</a>.

<sup>&</sup>lt;sup>3</sup> This is similar in concept to an incentive rate and the discussion in Order No. 87-402.

<sup>&</sup>lt;sup>4</sup> Staff notes that PGE's current residential LEA is set at four times the expected annual distribution and basic charge revenues.

Council's Regional Technical Forum (RTF) and the US Energy Information Administration's 2015 Residential Consumption Survey.

After reviewing the Company's initial application, Staff and the Company met to review its proposal and associated workpapers on June 26, 2020. After this meeting, Staff requested additional information regarding the Company's proposed LEAs, including further clarification on the incremental difference in the LEA between the All Electric and Other categories.

Staff and PGE met again on July 11, 2020, to further discuss PGE's usage data and its proposed residential LEA's. Staff's main concern in its review was that while PGE new home construction usage data does suggest that there is a difference in the expected annual usage (and therefore revenue) between All Electric and Other customers, the PGE system usage data alone did not warrant as large of an incremental difference in the LEA's as PGE's initial application proposed (\$2,560 and \$1,593 per dwelling/unit). Staff expressed its preference that whenever possible, utility specific data be used rather than industry estimates.

PGE expressed that it was proposing to use the estimated annual usage data from the RTF (as opposed to PGE data) to calculate the All Electric LEA because of data reliability concerns including small sample sizes, improper tagging of a portion of the homes in its data set, and the utility's inability to verify the accuracy of information about appliances in a customer's home. PGE believes that the RTF data provides a more accurate estimate of a new All Electric customer's incremental annual usage.

On August 13, 2020, Staff, PGE, and the Citizens' Utility Board (CUB) met to discuss the Company's proposal. Subsequently, on August 20, 2020, the Company filed replacement sheets lowering the proposed All Electric LEA from \$2,560 to \$2,260 per dwelling/unit.

The updated estimated annual consumption for the All Electric category is 12,980 kWh. This represents the average of the RTF data (14,692 kWh) and PGE system data from 2010-2017 (11,269 kWh). In the revised filing, PGE also agrees to an automatic review of the residential LEAs, to take place no later than June 2025.

Staff finds that the proposal to use the midpoint between PGE's system usage data and the RTF estimates, with an automatic review to take place no later than June 30, 2025, is a reasonable compromise between Staff's preference to use Company-specific usage data and the Company's concerns that its data is not fully reliable or accurate at this time.

Using the midpoint between these two estimates allows PGE to achieve its goal to create two distinct residential LEA categories, while ensuring that the All Electric LEA meets the principle of not raising rates to other customers. Staff's intent is that the proposed automatic review will allow PGE sufficient time to collect accurate survey and usage data for newly constructed all electric homes within its survey territory so that the residential LEAs can be evaluated based on PGE specific kWh usage data, and have the LEA revised if necessary.

#### **Cost Data**

To determine whether PGE's proposal to use a multiplier of three times the annual distribution and basic charge revenues is justifiable, it is important to review the underlying cost data and any assumptions related to these estimated costs. As such, Staff issued six detailed data requests asking the Company to perform quantitative analysis demonstrating the reasonableness of its proposed revenue multiplier.

Staff requested that PGE perform this analysis using marginal cost data specific to residential customers from its most recent rate case, UE 335, and net book life and salvage value assumptions from its most recently approved depreciation study, UM 1809. Staff also requested and reviewed sample residential line extension allowance work order requests.

In response to Staff's requests, the Company performed a breakeven analysis demonstrating that the maximum supportable multiplier is approximately 8.5 as shown in the following table.<sup>5</sup>

<sup>&</sup>lt;sup>5</sup> Attachment A, Page 4, PGE Response to Staff IR 3.

	Calculation of Proposed Residential Line Extension Allowance												
Line No	Description	Source	Units	Value									
	Revenue from Residential Schedule												
1	7	UE 335 Rev Prop	(\$000)	\$942,357									
	Marginal Cost to Serve Residential												
2	Load from UE 335	UE 335	(\$/MWh)	\$93.93									
3	Energy from Residential Sch 7	UE 335 Rev Prop	MWh	7,568,918									
	Marginal Cost to Serve Residential												
4	Load from UE 335	Line 2 * Line 3/1000	(\$000)	\$710,912									
5	Net Margin from Residential Sch 7	Line 1 - Line 4	(\$000)	\$ 231,446									
6	Annualization Factor	Levelized Annual Rev Req		6.23%									
7	Investment Supported by Revenue	Line 5/Line 6	(\$000)	\$ 3,712,405									
8	Basic and Distribution Revenue from Schedule 7 Supportable Residential Line	Line 3* Distribution and Basic Charge Marginal Revenue	(\$000)	\$439,073									
9	Extension Allowance	Line 7/Line 8	Multiplier	8.455097655									

Staff has reviewed the Company's analysis and its responses to Staff's information requests, and finds that in this instance, the multiplier of three is justified and can be reasonably expected to not result in an increase in residential rates.

Staff notes that individual line extension projects have incremental costs and revenues that will vary, but the proposed All Electric and Other LEAs are based on aggregate data and remain constant and do not vary by project. Therefore, by proposing an LEA of three years of expected revenues, PGE creates a buffer between the proposed allowances and the breakeven point, which reduces the risk that other customers will see a rate increase as a result of the proposed LEAs.

#### Stakeholder Comments

At the time of this writing, three separate stakeholders have filed comments on PGE's proposal: Electrify Now, Oregon League of Conservation Voters (OLCV), and Northwest Natural Gas Company (NW Natural).

Both Electrify Now and OLCV expressed support for the proposal, stating that the proposed All Electric LEA is a meaningful mechanism to encourage electrification in Oregon's building sector, which the stakeholders assert is critical in meeting the goals of EO 20-04.

<sup>&</sup>lt;sup>6</sup> An important note is that while the All Electric and Other LEA remain constant for all projects, they represent a maximum, not a guarantee. For example, if the expected cost of a line extension is only \$1200, the customer would receive a \$1200 allowance, not the maximum LEA.

In its comments, NW Natural requests that the Commission not rely on PGE's characterization of EO 20-04 in making its determination of whether or not to approve PGE's application. NW Natural notes that it could not determine what analysis PGE relied on or performed in making its claims that its proposal will support EO 20-04 and asks that if the Commission does consider the merits of EO 20-04 in its decision, that it require PGE to support its claims with further analysis and provide an opportunity for stakeholders to review, seek discovery, and provide comment. As stated earlier, Staff gave no weight or consideration to PGE's characterization of EO 20-04 in determining a recommendation for the Commission.

#### Conclusion

Based on Staff's analysis of PGE's filing, associated workpapers, responses to Staff information requests, and virtual meetings with the Company, Staff finds that the Company's updates to Schedule 300 result in rates that are fair, just, and reasonable.

While Staff notes that PGE's proposal to create two separate categories of LEA based on whether the customer is an All Electric customer appears to be novel (Staff is unaware of another electric utility with a similar structure), Staff finds that this reasonably comports with the principles of LEAs to base the allowance on a multiple of expected annual revenues.

Finally, in making this recommendation, Staff reaffirms that it has not relied on PGE's assertion that it's proposed residential LEAs will support the goals of EO 20-04. Staff's recommendation is consistent with its past practice in evaluating LEAs on an economic basis.

#### PROPOSED COMMISSION MOTION:

Approve PGE's Advice No. 20-14, which updates Schedule 300 Line Extension Allowance, to revise the residential LEA policy, effective with service rendered on and after January 1, 2021, subject to the following condition:

1. No later than June 30, 2025, the Company agrees to initiate a review, along with Staff and other interested parties, of the residential LEAs using updated PGE energy use data for newly constructed residential homes.

November 9, 2020

TO: Sabrinna Soldavini

Public Utility Commission of Oregon

FROM: Robert Macfarlane

Manager, Pricing and Tariffs

# PORTLAND GENERAL ELECTRIC ADV 1130 / Advice No. 20-14 PGE Response to OPUC Information Request No. 003 Dated October 26, 2020

#### Request:

Please reference the Company's supplemental application, which states that the appropriate revenue multiplier is three times the annual and basic distribution charge revenues.

- a. Please explain, in narrative form, why a multiple of three is appropriate.
- b. Please provide a quantitative analysis to support the statement that a revenue multiplier of three is justifiable. Please also separately show what the maximum supportable revenue multiplier would be. Please provide all workpapers in Excel spreadsheet format, formulae, sources, and definitions used in this analysis.

#### Response:

- A. Consistent with previous practice, PGE uses the "net revenues" approach to derive line extension allowances. It is derived from the added facility rate charge in which there is no capital recovery and which does not include components for rate based costs (rate of return, income tax, carrying cost of capital, and depreciation). The multiplier of three enables PGE to limit the LEA to the costs of the average installation. Those net revenues are economically justified based on the expected revenues provided by the new customer that "support" the distribution line and service extension.
- B. Please see attached spreadsheets IR3B.XLSX and IR3B&4A Marginal Costs.XLSX

The formula used to calculate PGE's previous Residential Line Extension Amounts in 2011 and 2001 is:

- 1. Basic Charge Revenues + Distribution Revenues/KWH forecast=\$/kWh.
- 2. KWH forecast/Customer forecast=Average customer kwh usage
- 3. \$/kWh \* Average customer kWh usage \* Revenue years= Line Extension Allowance.

Using the methodology described above and updating the Residential Line Extension based on the updated Basic and Distribution Charge Revenues, the average KWH from PGE's

RA 3 - ADV 1130
PGE Response to Staff IR 3, Attachment IR 3B&4A Marginal Costs.XLX
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last General Rate Case UE 335 and applying a multiplier of 3, the line extension allowance would be \$1684. If PGE continued to use a multiplier of 4 the maximum supportable line extension would be \$2,245.

In Advice Filing 1130 PGE did not use the total Average customer kWh usage from UE 335 to calculate its Residential Line Extension Allowance. Instead PGE used 9,110 kWh for Residential Service Primary Other (this is the average yearly load of residential customers who do not use electricity as their primary heating source) and 12,980 kWh for Residential All Electric (this is the Reginal Technical Form Data and the PGE midpoint) This resulted in a Residential Line Extension Allowance of \$1590 for "Other" and \$2260 for "All Electric"

PGE has calculated a supportable residential line extension allowance of 8 years. This is derived from using similar methodology that Pacific Power used in Advice 1148 for their Transportation Electrification Line Extension Allowance. However, as discussed above PGE divides the investment supported by revenue by the basic and distribution revenues to calculate the supportable residential line extension multiplier instead of using the total revenues which Pacific Power does. This is appropriate because PGE's multiple is based on Basic and Distribution Charge revenues rather than total revenues.

Prior to filing Advice Filing 1130, PGE reviewed the work orders received for residential new construction between November 2014 and July 2019. The average cost to install new residential service was \$2,005 per dwelling/unit. Based on those work orders, the total amount of investment under PGE's revised proposed would not increase.

Portland General Electric Marginal Cost Summary (000)s

		Generation	Generation							Real	Other		Real
	cos	Energy	Capacity	Transmission	Substation	Subtransmission	Meter	Customer	Subtotal	Levelized	Dist	Total	Levelized
	MWh	MC	MC	MC	MC	MC	MC	MC	MC	MC \$/kWh	MC	MC	MC \$/kWh
Schedule 7	7,568,915	\$307,309	\$142,662	\$17,436	\$4,207	\$4,237	\$15,214	\$49,618	\$540,682	\$0.0714	\$170,229	\$710,912	\$0.0939
Schedule 32	1,631,912	\$65,236	\$23,824	\$3,167	\$670	\$675	\$3,711	\$7,557	\$104,840	\$0.0642	\$38,351	\$143,191	\$0.0877
Schedule 38	31,497	\$1,298	\$319	\$50	\$28	\$29	\$46	\$62	\$1,833	\$0.0582	\$1,104	\$2,936	\$0.0932
Schedule 83	2,887,308	\$116,524	\$41,074	\$5,697	\$1,264	\$1,273	\$1,443	\$2,880	\$170,155	\$0.0589	\$39,182	\$209,337	\$0.0725
Schedule 85	2,714,651	\$107,903	\$34,884	\$4,989	\$1,395	\$1,404	\$654	\$2,151	\$153,380	\$0.0565	\$23,013	\$176,393	\$0.0650
Schedule 89	454 957	\$17 521	\$4,660	\$698	\$411	\$488	\$47	\$336	\$24.160	\$0.0531	\$2,600	\$26.850	\$0.0500

LEA Annual Marginal Costs
Other Electric Annual KWH 9108
Other Electric Annual Cost \$855.4703

LEA Annual Marginal Costs
All Electric Annual KWH 12980
All Electric Annual Cost \$1,219.1485

Other	LIGO	inc Annual Cost	Ψ0.	75.47 05									All Li	SCITIC	Airida Cost	Ψ1,2	13.1403										
Other Electric	Mont	hly Revenues																									
Othici Electric	Jan		Feb		Mar		Apr		Mav	Jun		Julv		Aua		Sep		Oct		Nov	De	ec.	Tota	ıl			
		0.112830729				8798784		7566315			067485112		76814389		0.07853296		6856497		70783	0.086525107		0.114325953			Er	neray Price Block 1	0.06329
kWh/mo		1028		812		801		689	649		615		700		715		624		645	788	3	1041		9107	Er	neray Price Block 2	0.07051
Block 1		1,000		812		801		689	649		615		700		715		624		645	788		1,000		9,038	Tr	ransmission Price	0.00243
Block 2		28		0		0		0	0		0		0		0		0		0	0		41		69	Di	istribution Price	0.04652
Energy Block 1	1 \$	63.29	\$	51.39	\$	50.70	\$	43.61	\$ 41.08	\$	38.92	\$	44.30	\$	45.25	\$	39.49	\$ 4	40.82	\$ 49.87	\$	63.29	\$	572.02			
Energy Block 2	2 \$	1.97	\$		\$	-	\$		\$ -	\$		\$		\$	-	\$	-	\$	-	\$ -	\$	2.89	\$	4.87			
Transmision	\$	2.50	\$	1.97	\$	1.95	\$	1.67	\$ 1.58	\$	1.49	\$	1.70	\$	1.74	\$	1.52	\$	1.57	\$ 1.91	\$	2.53	\$	22.13			
Distribution	\$	47.82	\$	37.77	\$	37.26	\$	32.05	\$ 30.19	\$	28.61	\$	32.56	\$	33.26	\$	29.03	\$ 3	30.01	\$ 36.66	\$	48.43	\$	423.66			
Basic Charge	\$	11.00	\$	11.00	\$	11.00	\$	11.00	\$ 11.00	\$	11.00	\$	11.00	\$	11.00	\$	11.00	\$ .	11.00	\$ 11.00	\$	11.00	\$	132.00			
Total	\$	126.58	\$	102.14	\$	100.90	\$	88.33	\$ 83.84	\$	80.03	\$	89.57	\$	91.25	\$	81.04	\$ 8	83.39	\$ 99.45	\$	128.14	\$1.	154.67			
All Electric Mo																0		0		N			<b></b>				
	Jan	0.112830729	Feb		Mar	8798784	Apr	7566315	May 0.071288	Jun	067485112	July	76814389	Aug		Sep	6856497	Oct	70783	Nov 0.086525107	De	ec ).114325953	Tota	II			
kWh/mo		1.465	0.089	1.158	0.0	1.142	0.07	982	925	0.0	367485112 876	0.0	997		0.07853296	0.0	890	0.0	919	1,123		1,484		12.980			
Block 1		1,465		1,156		1,142		982	925		876		997		1,000		890		919	1,123		1,464		11,589			
Block 2		465		158		142		0	923		0		991		1,000		030		0	123		484		1,391	e	444.25	
BIOCK 2		405		136		142		U	U		U		U		15		U		U	123		404		1,351	φ	444.20	
Energy Block 1	1 \$	63.29	\$	63.29	\$	63.29	\$	62.15	\$ 58.54	\$	55.44	\$	63.10	\$	63.29	\$	56.33	\$ 5	58.16	\$ 63.29	\$	63.29	\$	733.47			
Energy Block 2	2 \$	32.79	\$	11.14	\$	10.01	\$	-	\$ -	\$	-	\$		\$	1.34	\$	-	\$	-	\$ 8.67	\$	34.13	\$	98.08			
Transmision	\$	3.56	\$	2.81	\$	2.78	\$	2.39	\$ 2.25	\$	2.13	\$	2.42	\$	2.48	\$	2.16	\$	2.23	\$ 2.73	\$	3.61	\$	31.54			
Distribution	\$	68.15	\$	53.87	\$	53.13	\$	45.68	\$ 43.03	\$	40.75	\$	46.38	\$	47.40	\$	41.40	\$ 4	42.75	\$ 52.24	\$	69.04	\$	603.83			
Basic Charge	\$	11.00	\$	11.00	\$	11.00	\$	11.00	\$ 11.00	\$	11.00	\$	11.00	\$	11.00	\$	11.00	\$ '	11.00	\$ 11.00	\$	11.00	\$	132.00			
Total	\$	178.79	\$	142.11	\$	140.20	\$	121.22	\$ 114.82	\$	109.32	\$	122.90	\$	125.51	\$	110.89	\$ 11	14.15	\$ 137.93	\$	181.06	\$1,	598.92			

#### Calculation of Proposed Residential Line Extension Allowance

Line No Description	Source	Units	Value	
<ol> <li>Revenue from Residential Schedule 7         Marginal Cost to Serve Residential     </li> </ol>	UE 335 Rev Prop		(\$000)	\$942,357
2 Load from UE 335	UE 335	(\$/MwH)		\$93.93
3 Energy from Residenital Sch 7 Marginal Cost to Serve Residential	UE 335 Rev Prop	MWh		7,568,918
4 Load from UE 335	Line 2 * Line 3/1000		(\$000)	\$710,912
5 Net Margin from Residential Sch 7	Line 1 -Line 4 Levelized Annual Rev		(\$000) \$	231,446
6 Annualization Factor	Req			6.38%
7 Investment Supported by Revenue	Line 5/ Line 6 Line 3* Distribution and		(\$000) \$	3,629,364
Basic and Distribution Revenue from	Basic Charge Marginal			
8 Schedule 7 Supportable Residential Line	Revenue		(\$000)	\$439,073
9 Extension Allowance	Line 7/ Line 8	Multiplier		8.265970238

#### Carrying Cost Calculation: Schedule 7 Residential Service

Key Assumptions:					
30% Depreciation Incentive			no		
Book Investment			1		
Tax Book Investment			1		
Book Life			48		
Salvage Rate			-30.00%		
Tax Life			7	Choices are	,3,5,7,15, or 20
Composite Income Tax Rate			26.99%		
Property Tax Rate			1.45%		
Inflation Rate			2.00%		
Capitalization:					
Preferred	0.00%		0.00%		
Common	50.00%	9.50%	4.75%		
All Equity	50.00%		4.75%		
Debt	50.00%	5.10%	2.55%		
Cost of Capital			7.30%		
After-Tax Nominal Cost of Capital			6.61%		
After-Tax Real Cost of Capital			4.52%		
Results - Capital Recovery Factors					
Net Present Value of Revenue Req	uirements			\$1	
Levelized Annual Rev. Requirement				\$0.06	6.38%

	_				Year by Year Re	evenue Requirem	ents			Unadjusted	Adjusted		
1			Salvage	Return	Income	Deferred	Property		Investment	Tax	Tax Rates	Tax	Origin
1	Year												Basi
1													
									1				
	4	0	0	0	(0)		0	0	1	12.499	12.49%	0	
	5	0	0	0	(0)	0	0	0	1	8.939	8.93%	0	
	6	0	0	0	(0)	0	0	0	1	8.929	8.92%	0	
	7	0	0	0	(0)	0	0	0	1	8.939	8.93%	0	
10	8	0	0	0	0	0	0	0	1	4.469	4.46%	0	
1	9	0	0	0	0	0	0	0	1	0.009	0.00%	-	
12	10	0	0	0	0	0	0	0	1	0.009	0.00%	-	
14	11	0	0	0	0	0	0	0	1	0.009	0.00%	-	
1	12	0	0	0	0	0	0	0	1	0.009	0.00%	-	
1	13	0	0	0	0	0	0	0	1	0.009	0.00%	-	
1	14	0	0	0	0	0	0	0	1	0.009	0.00%	-	
17	15	0	0	0	0	0	0	0	1	0.009	0.00%	-	
18	16	0	0	0	0	0	0	0	0	0.009	0.00%	-	
18					0		0	0	0			-	
10					0		0	0				-	
1	19	0	0	0	0	0	0	0	0	0.009	0.00%	-	
21         0												_	
22												_	
23         0													
24         0												-	
25												-	
26         0									-			-	
27         0												-	
28         0												-	
29         0												-	
30         0												=	
31         0												-	
32         0												-	
33         0	31	0	0	0	0	(0)	0	0	0	0.009	0.00%	-	
34         0	32	0	0	0	0	(0)	0	0	0	0.009	0.00%	-	
35         0	33	0	0	0	0	(0)	0	0	0	0.009	0.00%	-	
36         0	34	0	0	0	0	(0)	0	0	0	0.009	0.00%	-	
37         0         0         (0)         0         (0)         0         (0)           38         0         0         (0)         0         (0)         0         (0)           39         0         0         (0)         0         (0)         0         (0)           40         0         0         (0)         0         (0)         0         (0)           41         0         0         (0)         0         0         (0)         0         0         00%         0	35	0	0	0	0	(0)	0.0	0	0	0.009	0.00%	-	
38         0         0         (0)         0         (0)         0         (0)           39         0         0         (0)         0         (0)         (0)         (0)           40         0         0         (0)         0         (0)         (0)         (0)         (0)           41         0         0         (0)         0         (0)         (	36	0	0	(0)	0	(0)	0	0	(0)	0.009	0.00%	-	
39         0         0         (0)         0         (0)         0         (0)         0         (0)         0         0.00%         0.00%         0.00%         0         0         0         0         0.00%         0.00%         0.00%         0	37	0	0	(0)	0	(0)	0	0	(0)	0.009	0.00%	-	
40         0         0         (0)         0         (0)         0         (0)         0         (0)         0         00%         0         - <t< td=""><td>38</td><td>0</td><td>0</td><td>(0)</td><td>0</td><td>(0)</td><td>0</td><td>0</td><td>(0)</td><td>0.009</td><td>0.00%</td><td>-</td><td></td></t<>	38	0	0	(0)	0	(0)	0	0	(0)	0.009	0.00%	-	
41         0         0         (0)         0         (0)         0         (0)         0         00%         0.00%         0.00%         -         -         42         0         0         (0)         0         0         0         0.00%         0.00%         0.00%         -	39	0	0	(0)	0	(0)	0	0	(0)	0.009	0.00%	-	
42         0         0         (0)         0         (0)         0         (0)         0         (0)         0         0.00%         0.00%         -	40	0	0	(0)	0	(0)	0	0	(0)	0.009	0.00%	-	
42         0         0         (0)         0         (0)         0         (0)         0         00%         0.00%         0.00%         -           43         0         0         (0)         0         0         (0)         0         0.00%         0.00%         0.00%         -           44         0         0         (0)         0         0         (0)         0         0.00%         0.00%         0.00%         -           45         0         0         (0)         0         0         (0)         0         0.00%         <	41	0	0	(0)	0	(0)	0	0	(0)	0.009	0.00%	-	
43         0         0         (0)         0         (0)         0         (0)         0         00%         0.00%         0.00%         -	42	0	0		0		0	0		0.009	0.00%	-	
44         0         0         (0)         0         (0)         0         (0)         0         0.00%         0.00%         -	43	0	0		0		0	0		0.009	6 0.00%	-	
45 0 0 0 0 00 00 00 0 0 0 0 0 0 0 0 0 0	44	0	0		0		0			0.009	0.00%	-	
46         0         0         (i)         0         (0)         0         (0)         0         0.00%         0.00%         -							0					_	
47         0         0         (i)         0         (i)         0         0         0         0.00%         0.00%         -												_	
48 0 0 0 (0) (0) (0) 0 0 (0) (0) (0) 0 0 0 0													
49         0													
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52     0 </td <td></td> <td>=</td> <td></td>												=	
53     0 </td <td></td> <td>-</td> <td></td>												-	
54     0 </td <td></td> <td>-</td> <td></td>												-	
55 0 0 0 0 0 0 0 0 0 0 0 0 0 0												-	
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1 (0) 1 100.00% 100.00% 1	55	0	0	0	0 _	0	0	0	0	0.009	0.00%	-	
		1				(0)		1		100.009	100.00%	1	

Nominal Levelized 0
Real Levelized 0

::

#### Income Tax Rates by Tax Property Life

1     100.00%     33.33%     20.00%     14.29%     10.00%     5.00%       2     44.45%     32.00%     24.49%     18.00%     9.50%       3     14.81%     19.20%     17.49%     14.40%     8.55%       4     7.41%     11.52%     12.49%     11.52%     7.70%       5     11.52%     8.93%     9.22%     6.93%       6     5.76%     8.92%     7.37%     6.23%       7     8.93%     6.55%     5.90%       8     4.46%     6.55%     5.90%	ar
3	3.75%
4 7.41% 11.52% 12.49% 11.52% 7.70% 5 11.52% 8.93% 9.22% 6.93% 6 5.76% 8.92% 7.37% 6.23% 7 8.93% 6.55% 5.90%	7.22%
5 11.52% 8.93% 9.22% 6.93% 6 5.76% 8.92% 7.37% 6.23% 7 8.93% 6.55% 5.90%	6.68%
6 5.76% 8.92% 7.37% 6.23% 7 8.93% 6.55% 5.90%	6.18%
7 8.93% 6.55% 5.90%	5.71%
	5.29%
8 4.46% 6.55% 5.90%	4.89%
	4.52%
9 6.56% 5.91%	4.46%
10 6.55% 5.90%	4.46%
11 3.28% 5.91%	4.46%
12 5.90%	4.46%
13 5.91%	4.46%
14 5.90%	4.46%
15 5.91%	4.46%
16 2.95%	4.46%
17	4.46%
18	4.46%
19	4.46%
20	4.46%
21	2.23%

UKDER NO. 17 305

UA1 1809 / Silpočating Parties / 103 Peng -- Sfeltine -- Spanes / 4

### PORTLAND GENERAL ELECTRIC TABLE 1. SUMMARY OF ESTIMATED SURVIVOR GUIVES, RET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULAYED ANNUAL DISPRECIATION ACCIDIAS RELATED TO LILETING PLANT AT DISCIMBLES 31, 2916

	ACCOUNT (1)	SURVIVOR CURVE (2)	NEY SALVAGE PERCENT (3)	ORIGINAL COST AS OF DECEMBER 31, 2016 (4)	BOOK RESERVE (6)	FUYURE ACCRUALS (6)	ANNUAL AC		COMPOSITE REMAINING LIFE (9)=(6)/(7)
346,01	MIRCELLANEOUS PLANT EQUIPMENT - WIND BIGLOW CANYON WIND FARM TUCANNON RIVER WIND FARM TOTAL ACCESSORY ELECTRIC EQUIPMENT - WIND	40 - R2.5 40 - R2.5	(8) (7)	1,323,570,00 486,495,43 1,810,065,33	267,760 16,218 292,970	1,161,667 606,332 1,667,029	41,842 13,577 55,219	3.15 2.79 3.05	27.9 37.2 30.2
1	OTAL OTHER PRODUCTION PLANT			2,000,005,262.46	601,516,289	1,957,601,786	81,700,645	3.42	24.0
7	OTAL PRODUCTION			3,807,804,559.08	1,527,720,085	2,915,691,804	140,599,825	3,60	
7	RANSMISSION PLANT								
353,00 353,00 353,00 354,00 355,00 358,00 359,00	STRUCTURES AND IMPROVEMENTS STATION EQUIPMENT - BOARDMAN TOWERS AND FIXTURES FOLES AND FIXTURES OVERSEAD FORUMES OVERSEAD CONDUCTORS AND DEVICES ROADS AND TRAILS	66 - R2.6 67 - R2 67 - R2 70 - S3 50 - R1 65 - R2.6 65 - R3	(16) (15) (15) (10) (46) (16) 0	19,312,917.31 267,004,001.60 5,906,401.82 46,819,269.47 25,714,209.81 73,514,006.80 286,332.32	7,936,981 94,367,951 4,777,880 24,217,309 11,888,605 60,343,434 159,587	14,272,674 213,722,684 2,016,782 27,283,676 26,296,999 24,108,694 126,746	344,467 5,916,838 415,797 881,028 644,683 515,611 3,967	1.78 2.21 7.04 1.88 3.28 0.70 1.38	41.4 36.1 4.9 31.0 29.9 46.9 32.0
Y	OYAL TRANSMISSION PLANT			439,460,019.01	203,790,847	306,918,524	8,924,076	2.03	34.4
	ISTRIBUTION PLANT								
361.00 362.00 363.00 364.00 365.00 368.00 369.00 369.00 370.00 370.00 370.01 370.02 371.00 373.01 373.02 373.07	STRUCTURES AND IMPROVEMENTS STATIONAL EUROPE STORAGE BATTERY FOLES, TOWERS AND PROTURES OVERS HAD EVELES HING TRANSFORMERS DETVICES A UNDERSKOULD METERS METERS METERS METERS OVERSHOULD INSTALLATIONS ON QUISTOMERS PREMISSIS OVERSHOULD OV	65 - R2 55 - 50 15 - L3 48 - R0,6 50 - 50,6 80 - R4 55 - R4 55 - R2,5 46 - R2 16 - L0,6 16 - L0,6 40 - L2,5 40 - L2,5 40 - L2,5 40 - L2,5 40 - L2,5	(26) (20) (5) (45) (70) (10) (70) (10) (80) (10) (10) (10) (10) (27) (27)	30,801,374,33 472,305,679,82 387,275,68,3 387,352,168,3 587,352,162,37 587,352,162,37 587,352,162,37 587,352,162,37 58,356,522,74 68,356,522,74 68,356,522,74 7,351,464,19 376,133,46 6,500,626,74 190,195,804,76 190,195,804,76 190,195,804,76 6,500,626,74 190,195,804,76 6,500,626,74 190,195,804,76 6,500,626,74 190,195,804,76 6,500,626,74 190,195,804,76	14,627,097 146,536,170 51,280 265,174,847 401,692,880 9,995,741 408,674,957 162,350,285 40,366,357 779,879 41,496,357 41,496,357 41,496,300 41,	36,124,621 421,130,640 25,05,233 606,905,856 6,927,900 744,906,560 211,210,914 31,210,91	884,126 13,405,426 32,093 9,577,376 19,671,601 144,328 20,951,650 6,407,644 1,176,47 5,33,212 16,784,800 885,312 449,834 2,550,872 25,010	2.22 2.65 6.60 2.74 3.36 0.94 1.04 1.72 1.44 6.58 7.83 8.98 1.71 2.05 4.81 0.29	39,7 31,3 10,8 26,5 30,0 48,0 35,6 33,0 86,5 16,2 10,0 7,0 14,4 23,2 16,2 18,9
70	DTAL DISTRIBUTION PLANT			3,161,854,679.97	1,853,824,698	2,663,649,436	92,428,361	2.92	28.8

### PORTLAND GENERAL ELECTRIC 2019 Test Period Functionalized Revenue Requirement

Function	Amount	Spread
PRODUCTION TRANSMISSION ANCILLARY DISTRIBUTION METERING BILLING	\$1,031,772 \$32,362 \$4,832 \$623,465 \$10,238 \$68,913	\$1,031,772 \$32,362 \$4,832 \$623,465 \$10,238 \$68,913
CONSUMER TOTALS	\$59,799 \$1,831,381	\$59,799 \$1,831,381
Schedule 129 Employee Discou Partial Requireme Partial Requireme	ents Transmission	(\$20,751) \$924 \$0 \$0
Spread Total		\$1,811,554

Note: Employee discount is allocated to distribution

### PORTLAND GENERAL ELECTRIC UNBUNDLED 2019 COSTS (\$000)

	Unbundled Costs	Adjusted to Cycle
Fixed Generation Revenue Requirement	\$670,245	\$670,276
Net Variable Power Costs	\$361,52 <u>8</u>	<u>\$361,545</u>
Production Costs	\$1,031,772	\$1,031,821
Ancillary Services	\$4,832	\$4,832
Transmission		
Transmission	\$32,362	
Partial Requirements Daily Demand	<u>\$0</u>	
Transmission Costs	\$32,362	\$32,364
Distribution Services	\$623,465	
Franchise	(\$46,473)	
Uncollectibles	(\$5,977)	
Trojan Decommissioning	(\$1,900)	
Partial Requirements Daily Demand	\$0	Φ00.4
Employee Discount	\$924	\$924
Distribution Costs	\$570,038	\$570,049
Consumer Services		
Metering Services	\$10,238	\$10,238
Billing Services	\$68,913	\$68,915
Other Consumer Services	\$59,799	\$59,800
Franchise Fees	\$46,473	\$46,474
Uncollectibles	\$5,977	\$5,977
Trojan Decommissioning	\$1,900	\$1,900
Schedule 129	(\$20,751)	(\$20,751)
		•
Totals	\$1,811,554	\$1,811,619
Net of employee discount	\$1,810,630	\$1,810,695
Net of Sch 129	\$1,831,381	\$1,831,446
Calendar MWH (COS & ESS)	19,400,134	
Cycle MWH (COS & ESS)	19,400,511	
Cycle/Cal Ratio	100.00%	
Cysto our realis	100.0070	
COS Calendar Energy MWH	17,311,501	
COS Cycle MWH	17,312,384	
Cycle/Cal Ratio	100.01%	
5,510,001 Tallo	100.0170	

# TABLE 4 PORTLAND GENERAL ELECTRIC ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS 2019

		<u>Forecast</u>		TOTAL ELEC	CTDIC DII I C			
		SSEP18E19		CURRENT	PROPOSED			
	RATE		MWH	with all supplementals	with all supplementals	Change		
CATEGORY	SCHEDULE	CUSTOMERS	SALES	except LIA & PPC	except LIA & PPC	AMOUNT	PCT.	
Residential Employee Discount	7	782,981	7,568,918	\$928,180,528 (\$892,151)	\$942,357,498 (\$923,927)	\$14,176,970 (\$31,776)	1.5%	124.50
Subtotal				\$927,288,377	\$941,433,570	\$14,145,193	1.5%	124.38
Outdoor Area Lighting	15	0	15,774	\$3,568,386	\$3,485,781	(\$82,605)	-2.3%	220.98
General Service <30 kW	32	93,765	1,633,156	\$189,640,551	\$190,024,014	\$383,464	0.2%	116.35
Opt. Time-of-Day G.S. >30 kW	38	383	31,475	\$4,350,858	\$4,248,375	(\$102,483)	-2.4%	134.98
Irrig. & Drain. Pump. < 30 kW	47	3,061	21,633	\$4,296,902	\$4,334,828	\$37,926	0.9%	200.38
Irrig. & Drain. Pump. > 30 kW	49	1,274	64,540	\$9,292,165	\$9,175,362	(\$116,803)	-1.3%	142.16
General Service 31-200 kW	83	11,529	2,884,961	\$272,232,731	\$268,892,282	(\$3,340,449)	-1.2%	93.20
General Service 201-4,000 kW Secondary	85-S	1,166	2,122,422	\$176,801,651	\$171,539,680	(\$5,261,972)	-3.0%	80.82
Primary	85-P	187	591,424	\$45,816,258	\$44,470,925	(\$1,345,333)	-2.9%	75.19
Schedule 89 > 4 MW								
Primary	89-P	11	401,176	\$26,138,522	\$25,463,982	(\$674,539)	-2.6%	63.47
Subtransmission	89-T	5	62,759	\$4,705,037	\$4,614,815	(\$90,223)	-1.9%	73.53
Schedule 90	90-P	4	1,861,066	\$108,870,263	\$106,319,848	(\$2,550,415)	-2.3%	57.13
Street & Highway Lighting	91/95	203	50,583	\$11,383,176	\$11,346,574	(\$36,602)	-0.3%	224.32
Traffic Signals	92	16	2,496	\$214,980	\$211,860	(\$3,120)	-1.5%	84.88
COSTOTALS		894,585	17,312,384	\$1,784,599,856	\$1,785,561,897	\$962,040	0.1%	103.14
Direct Access Service 201-4,000 kV	N							
Secondary	485-S	233	595,102	\$16,932,699	\$15,171,471	(\$1,761,228)		
Primary	485-P	49	331,338	\$7,923,918	\$7,115,507	(\$808,411)		
Direct Access Service > 4 MW								
Secondary	489-S	1	13,482	\$346,455	\$271,105	(\$75,350)		
Primary	489-P	15	961,033	\$19,048,674	\$17,124,259	(\$1,924,415)		
Subtransmission	489-T	3	187,171	\$1,277,969	\$1,257,386	(\$20,584)		
DIRECT ACCESS TOTALS		301	2,088,126	\$45,529,716	\$40,939,728	(\$4,589,988)		
COS AND DA CYCLE TOTALS		894,886	19,400,511	\$1,830,129,572	\$1,826,501,625	(\$3,627,947)	-0.2%	

# TABLE 3 PORTLAND GENERAL ELECTRIC ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS 2019

Forecast **TOTAL ELECTRIC BILLS** SSEP18E19 PROPOSED CURRENT all supplementals except LIA, PPC & all supplementals except LIA, PPC & RATE MWH Change **CATEGORY SCHEDULE** CUSTOMERS SALES Sch 109 Sch 109 **AMOUNT** PCT. \$21,443,131 Residential 782,981 7,568,918 \$890,865,762 \$912,308,893 2.4% 120.53 Employee Discount (\$892,151) (\$923.927)(\$31.776)\$21,411,355 \$889,973,611 \$911,384,966 2.4% 120.41 Subtotal **Outdoor Area Lighting** 15 0 15.774 \$3,438,566 \$3,378,518 (\$60,048)-1.7% 214.18 General Service <30 kW 32 93,765 1,633,156 \$182,233,850 \$184,134,546 \$1,900,695 1.0% 112.75 Opt. Time-of-Day G.S. >30 kW 38 383 31,475 \$4,187,958 \$4,120,001 (\$67,957)-1.6% 130.90 Irrig. & Drain. Pump. < 30 kW 47 3,061 21,633 \$4,127,080 \$4,198,754 \$71,674 1.7% 194.09 Irrig. & Drain. Pump. > 30 kW 49 1,274 \$8,935,285 \$8,886,000 (\$49,285)-0.6% 137.68 64,540 General Service 31-200 kW 83 11,529 2,884,961 \$261,716,224 \$260,870,257 (\$845,968) -0.3% 90.424 General Service 201-4,000 kW Secondary 85-S 1,166 2,122,422 \$170,792,784 \$166,995,474 (\$3,797,310)-2.2% 78.68 Primary 85-P 187 591,424 \$44,851,167 \$43,741,075 (\$1,110,092) -2.5% 73.96 Schedule 89 > 4 MW 89-P 401,176 \$26,138,522 \$25,463,982 (\$674,539) -2.6% 63.47 Primary 11 Subtransmission 89-T 5 62.759 \$4,705,037 \$4,614,815 (\$90,223)-1.9% 73.53 Schedule 90 90-P 4 1,861,066 \$108,870,263 \$106,319,848 (\$2,550,415)-2.3% 57.13 Street & Highway Lighting 91/95 203 50,583 \$11,005,321 \$10,999,575 (\$5,746)-0.1% 217.46 **Traffic Signals** 92 16 2,496 \$206,943 \$205,446 (\$1,498)-0.7% 82.31 COS TOTALS 894,585 17,312,384 \$1,721,182,611 \$1,735,313,255 \$14,130,644 0.8% 100.24 Direct Access Service 201-4,000 kW 485-S 233 595,102 \$15,162,194 \$13,832,527 (\$1,329,667) Secondary **Primary** 485-P 49 331,338 \$7,558,054 \$6,838,822 (\$719,231) Direct Access Service > 4 MW Secondary 489-S 13,482 \$346,455 \$271,105 (\$75,350) Primary 489-P 15 961,033 \$19.048.671 \$17.124.257 (\$1,924,414)Subtransmission 489-T (\$20,584)3 187,171 \$1,277,969 \$1,257,386 **DIRECT ACCESS TOTALS** 301 2,088,126 \$43,393,344 \$39,324,097 (\$4,069,246)COS AND DA CYCLE TOTALS 894,886 19,400,511 \$1,764,575,955 \$1,774,637,352 \$10,061,397 0.6%

# TABLE 2 PORTLAND GENERAL ELECTRIC ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS 2019

Forecast

	<u>Forecast</u> <u>SSEP18E19</u>			TOTAL ELEC	CTRIC BILLS		
				CURRENT	PROPOSED		
	RATE		MWH	w/ Sch. 125, 122,	w/ Sch. 125, 122,	Change	
CATEGORY	SCHEDULE	CUSTOMERS	SALES	146, 102	146, 102	AMOUNT	PCT.
Residential Employee Discount	7	782,981	7,568,918	\$883,523,912 (\$884,717)	\$898,230,706 (\$897,256)	\$14,706,794 (\$12,539)	1.7%
Subtotal				\$882,639,195	\$897,333,450	\$14,694,255	1.7%
Outdoor Area Lighting	15	0	15,774	\$3,431,783	\$3,405,807	(\$25,976)	-0.8%
General Service <30 kW	32	93,765	1,633,156	\$182,134,741	\$186,647,295	\$4,512,555	2.5%
Opt. Time-of-Day G.S. >30 kW	38	383	31,475	\$4,164,980	\$4,124,117	(\$40,863)	-1.0%
Irrig. & Drain. Pump. < 30 kW	47	3,061	21,633	\$4,106,095	\$4,213,032	\$106,937	2.6%
Irrig. & Drain. Pump. > 30 kW	49	1,274	64,540	\$8,895,265	\$8,902,199	\$6,934	0.1%
General Service 31-200 kW	83	11,529	2,884,961	\$260,300,580	\$260,219,296	(\$81,284)	0.0%
General Service 201-4,000 kW							
Secondary	85-S	1,166	2,122,422	\$169,806,684	\$166,377,461	(\$3,429,222)	-2.0%
Primary	85-P	187	591,424	\$44,573,432	\$43,588,792	(\$984,641)	-2.2%
Schedule 89 > 4 MW							
Primary	89-P	11	401,176	\$25,953,980	\$25,387,759	(\$566,222)	-2.2%
Subtransmission	89-T	5	62,759	\$4,676,168	\$4,612,304	(\$63,864)	-1.4%
Schedule 90	90-P	4	1,861,066	\$108,051,394	\$105,835,971	(\$2,215,423)	-2.1%
Street & Highway Lighting	91/95	203	50,583	\$10,987,111	\$11,085,566	\$98,455	0.9%
Traffic Signals	92	16	2,496	\$205,446	\$204,497	(\$948)	-0.5%
COS TOTALS		894,585	17,312,384	\$1,709,926,854	\$1,721,937,546	\$12,010,692	0.7%
Direct Access Service 201-4,000 kW	1						
Secondary	485-S	233	595,102	\$15,341,561	\$14,118,265	(\$1,223,296)	
Primary	485-P	49	331,338	\$7,661,795	\$7,001,266	(\$660,529)	
Direct Access Service > 4 MW							
Secondary	489-S	1	13,482	\$350,904	\$278,385	(\$72,519)	
Primary Subtransmission	489-P 489-T	15 3	961,033 187,171	\$19,356,202 \$1,337,864	\$17,591,061 \$1,300,435	(\$1,765,141) (\$37,429)	
	100 1	3	101,111	ψ1,001,00 <del>4</del>	ψ1,000, <del>1</del> 00	(401,723)	
DIRECT ACCESS TOTALS		301	2,088,126	\$44,048,327	\$40,289,413	(\$3,758,914)	
COS AND DA CYCLE TOTALS		894,886	19,400,511	\$1,753,975,181	\$1,762,226,959	\$8,251,778	0.5%

# TABLE 1 PORTLAND GENERAL ELECTRIC ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS 2019

Forecast **TOTAL ELECTRIC BILLS** SSEP18E19 CURRENT PROPOSED RATE MWH Change w/ Sch. 125, 122, w/ Sch. 125, 122, **CATEGORY** SCHEDULE **CUSTOMERS** AMOUNT PCT. SALES 146 146 7 \$15,121,918 Residential 782,981 7,568,918 \$947,435,349 \$962,557,267 1.6% **Employee Discount** (\$944,818) (\$960,453)(\$15,635) \$946,490,531 Subtotal \$961,596,814 \$15,106,283 1.6% **Outdoor Area Lighting** 15 0 15,774 \$3,459,005 \$3,433,551 (\$25,454) -0.7% General Service <30 kW 93,765 2.5% 32 1,633,156 \$184,212,064 \$188,764,472 \$4,552,407 Opt. Time-of-Day G.S. >30 kW 38 383 31,475 \$4,170,414 \$4,129,655 (\$40,759)-1.0% Irrig. & Drain. Pump. < 30 kW 47 3.061 21,633 \$4,269,396 \$4,379,465 \$110,069 2.6% Irrig. & Drain. Pump. > 30 kW 1,274 \$9,348,582 0.2% 49 64,540 \$9,364,212 \$15,631 General Service 31-200 kW 83 11,529 2,884,961 \$262,184,861 \$262,139,726 (\$45,135)0.0% General Service 201-4,000 kW Secondary 85-S 1,166 2,122,422 \$170,083,395 \$166,659,481 (\$3,423,914) -2.0% **Primary** 85-P \$44,610,009 \$43,626,070 (\$983,939) 187 591,424 -2.2% Schedule 89 > 4 MW **Primary** 89-P 11 401.176 \$25.953.980 \$25.387.759 (\$566,222)-2.2% Subtransmission 89-T 5 62,759 \$4,676,168 \$4,612,304 (\$63,864)-1.4% Schedule 90 90-P 4 1,861,066 \$108,051,394 \$105,835,971 (\$2,215,423) -2.1% Street & Highway Lighting 91/95 203 50,583 \$10,987,111 \$11,085,566 \$98,455 0.9% **Traffic Signals** 92 16 2,496 \$205,446 \$204,497 (\$948)-0.5% **COS TOTALS** 894,585 17,312,384 \$1,778,702,355 \$1,791,219,543 \$12,517,188 0.7% Direct Access Service 201-4,000 kW Secondary 485-S 233 595,102 \$15,341,561 \$14,118,265 (\$1,223,296)-8.0% **Primary** 485-P 49 331,338 \$7,661,795 \$7,001,266 (\$660,529)-8.6% Direct Access Service > 4 MW 489-S \$350,904 \$278,385 -20.7% Secondary 1 13,482 (\$72,519) **Primary** 489-P 15 961,033 \$19,356,202 \$17,591,061 (\$1,765,141)-9.1% Subtransmission 489-T 3 187,171 \$1,337,864 \$1,300,435 (\$37,429)-2.8%

301

894,886

2,088,126

19.400.511

\$44,048,327

\$1.822.750.682

\$40,289,413

\$1,831,508,956

(\$3,758,914)

\$8,758,274

0.5%

**DIRECT ACCESS TOTALS** 

**COS AND DA CYCLE TOTALS** 

	Billing			Current		F	Proposed
Schedule	Determinant	Units	Price		Revenues	Price	Revenues
Schedule 7 Residential Service							
Monthly Basic Charge							
Single Phase	9,395,591	bills	\$11.00		\$103,351,501	\$11.00	\$103,351,501
Three Phase	180	bills	\$11.00		\$1,980	\$11.00	\$1,980
Transmission & Related Services Charge TOU Decrement Transmission	7,568,918	MWh	2.09	mills	\$15,819,039	2.43 n	nills \$18,392,471 (\$9,508)
Distribution Charge	7,568,918	MWh	43.11	mills	\$326,296,057	46.62 n	nills \$352,862,959
TOU Decrement Distribution							(\$182,196)
Energy Charge							
Block 1 (first 500 kWh)	4,150,373	MWh	65.10	mills	\$270,189,253	63.29 n	nills \$262,677,079
Block 2 (501-1,000 kWh)	2,140,123	MWh	65.10		\$139,322,024	63.29 n	nills \$135,448,401
Block 3 (over 1,000 kWh)	1,278,422	MWh	72.32	mills	\$92,455,495	70.51 n	nills \$90,141,551
TOU Decrement Generation							(\$126,972)
Schedule 122	7,568,918	MWh	0.00	mills	\$0	0.00 n	nills \$0
Schedule 125	7,568,918	MWh	0.00	mills	\$0	0.00 n	nills \$0
Schedule 145	7,568,918	MWh	0.27	mills	\$2,043,608	0.26 n	nills \$1,967,919
Schedule 146	7,568,918	MWh	0.00	mills	\$0	0.00 n	nills \$0
Schedule 102							
1,000 and under	6,290,496	MWh	(10.16)	mills	(\$63,911,438)	(9.22) n	nills (\$57,998,371)
Over 1,000	1,278,422	MWh	0.00	mills	\$0	(4.95) n	nills (\$6,328,190)
Schedule 105	7,568,918	MWh	(0.16)	mills	(\$1,211,027)	0.13 n	nills \$983,959
Schedule 109	7,568,918	MWh	4.93	mills	\$37,314,766	3.97 n	nills \$30,048,605
Schedule 110	7,568,918	MWh	0.05	mills	\$378,446	0.05 n	nills \$378,446
Schedule 123	7,568,918	MWh	0.09	mills	\$681,203	2.00 n	nills \$15,137,836
Schedule 126	7,568,918	MWh	0.00	mills	\$0	0.00 n	nills \$0
Schedule 135	7,568,918	MWh	0.14		\$1,059,649	0.44 n	nills \$3,330,324
Schedule 137	7,568,918	MWh	0.47	mills	\$3,557,391	0.47 n	nills \$3,557,391
Schedule 143	7,568,918	MWh	(0.19)	mills	(\$1,438,094)	(0.17) n	mills (\$1,286,716)
Schedule 112	7,568,918	MWh	0.30	mills	\$2,270,675	0.30 n	mills \$2,270,675
Employee Discount					(\$892,151)		(\$923,927)
Totals	7,568,918	MWh			\$927,288,377		\$953,695,218
					Change		\$26,406,840
					Percent Change		2.85%

	Billing			Curre	ent	Proposed		
Schedule	Determinant	Units	Price	!	Revenues	Price		Revenues
Schedule 15 Outdoor Area Lighting								
Transmission & Related Services Charge	15,774	MWh	1.29	mills	\$20,348	1.52	mills	\$23,976
Distribution Charge (includes fixed and sys. usage charges)	15,774	MWh	167.46	mills	\$2,641,438	167.17	mills	\$2,636,964
Energy Charge	15,774	MWh	50.54	mills	\$797,218	48.98	mills	\$772,611
Schedule 122	15,774	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 125	15,774	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 145	15,774	MWh	0.22	mills	\$3,470	0.20	mills	\$3,155
Schedule 146	15,774	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 102	3,264	MWh	(8.34)	mills	(\$27,222)	(8.50)	mills	(\$27,744)
Schedule 105	15,774	MWh	(0.39)	mills	(\$6,152)	0.10	mills	\$1,577
Schedule 109	15,774	MWh	8.23	mills	\$129,820	6.80	mills	\$107,263
Schedule 110	15,774	MWh	0.10	mills	\$1,577	0.10	mills	\$1,577
Schedule 123	15,774	MWh	(0.08)	mills	(\$1,262)	0.21	mills	\$3,313
Schedule 126	15,774	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 135	15,774	MWh	0.11	mills	\$1,735	0.33	mills	\$5,205
Schedule 137	15,774	MWh	0.37	mills	\$5,836	0.37	mills	\$5,836
Schedule 143	15,774	MWh	(0.15)	mills	(\$2,366)	(0.13)	mills	(\$2,051)
Schedule 112	15,774	MWh	0.25	mills	\$3,944	0.25	mills	\$3,944
Totals	15,774	MWh			\$3,568,386			\$3,535,627
				(	Change			(\$32,759)
				l	Percent Change			-0.92%

	Billing			Curre	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	F	Revenues
Schedule 32 Small Non-residential Service								
Monthly Basic Charge								
Single Phase	672,008	bills	\$17.00		\$11,424,136	\$20.00		\$13,440,160
Three Phase	453,173	bills	\$23.00		\$10,422,979	\$29.00		\$13,142,017
Transmission & Related Services Charge Distribution Charge	1,633,156	MWh	1.76	mills	\$2,874,354	2.06	mills	\$3,364,301
Block 1	1,427,418	MWh	41.80	mills	\$59,666,073	42.32	mills	\$60,408,330
Block 2	205,738	MWh	8.92	mills	\$1,835,180	14.87	mills	\$3,059,319
Energy Charge	1,633,156	MWh	60.00	mills	\$97,989,342	58.42	mills	\$95,408,956
TOU Decrement								(\$58,612)
Schedule 122	1,633,156	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 125	1,633,156	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 145	1,633,156	MWh	0.25	mills	\$408,289	0.24	mills	\$391,957
Schedule 146	1,633,156	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 102	249,080	MWh	(8.34)	mills	(\$2,077,324)	(8.50)	mills	(\$2,117,177)
Schedule 105	1,633,156	MWh	(0.15)	mills	(\$244,973)	0.12	mills	\$195,979
Schedule 109	1,631,432	MWh	4.54	mills	\$7,406,700	3.61	mills	\$5,889,469
Schedule 110	1,631,432	MWh	0.05	mills	\$81,572	0.05	mills	\$81,572
Schedule 123	1,631,432	MWh	(0.70)	mills	(\$1,142,002)	(1.39)	mills	(\$2,267,690)
Schedule 126	1,633,156	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 135	1,633,156	MWh	0.13	mills	\$212,310	0.40	mills	\$653,262
Schedule 137	1,633,156	MWh	0.44	mills	\$718,589	0.44	mills	\$718,589
Schedule 143	1,633,156	MWh	(0.17)	mills	(\$277,636)	(0.15)	mills	(\$244,973)
Schedule 112	1,633,156	MWh	0.21	mills	\$342,963	0.21	mills	\$342,963
Totals	1,633,156	MWh			\$189,640,551			\$192,408,421
					Change Percent Change			\$2,767,871 1.46%

	Billing			Curre	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	R	evenues
Schedule 38								
Large Non-residential Service Time-of-Day								
Monthly Basic Charge								
Single Phase	660	bills	\$25.00		\$16,500	\$30.00		\$19,800
Three Phase	3,935	bills	\$25.00		\$98,375	\$30.00		\$118,050
Transmission & Related Services Charge	31,475	MWh	1.46	mills	\$45,953	1.71	mills	\$53,822
Distribution Charge	31,475	MWh	71.18	mills	\$2,240,362	70.41	mills	\$2,216,126
Reactive Power Charge	54,201	kVar	\$0.50		\$27,101	\$0.50		\$27,101
Energy Charge								
Block 1	17,091	MWh	59.92	mills	\$1,024,101	60.70	mills	\$1,037,433
Block 2	14,383	MWh	49.92	mills	\$718,022	45.70	mills	\$657,324
Schedule 122	31,475	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 125	31,475	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 145	31,475	MWh	0.23	mills	\$7,239	0.22	mills	\$6,924
Schedule 146	31,475	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 102	652	MWh	(8.34)	mills	(\$5,434)	(8.50)	mills	(\$5,538)
Schedule 105	31,475	MWh	(0.26)	mills	(\$8,183)	0.11	mills	\$3,462
Schedule 109	31,387	MWh	5.19	mills	\$162,900	4.09	mills	\$128,374
Schedule 110	31,387	MWh	0.06	mills	\$1,883	0.06	mills	\$1,883
Schedule 123	31,387	MWh	(0.08)	mills	(\$2,511)	0.21	mills	\$6,591
Schedule 126	31,475	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 135	31,475	MWh	0.12	mills	\$3,777	0.37	mills	\$11,646
Schedule 137	31,475	MWh	0.44	mills	\$13,849	0.44	mills	\$13,849
Schedule 143	31,475	MWh	(0.17)	mills	(\$5,351)	(0.14)	mills	(\$4,406)
Schedule 112	31,475	MWh	0.39	mills	\$12,275	0.39	mills	\$12,275
Totals	31,475	MWh			\$4,350,858			\$4,304,715
					Change			(\$46,143)
				ı	Percent Change			-1.06%

	Billing			Curre	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	<u> </u>	Revenues
Schedule 47 Small Non-residential Irrigation & Pumping	Service							
Monthly Basic Charge								
Single Phase	1,344	bills	\$35.00		\$47,040	\$37.00		\$49,728
Three Phase	17,022	bills	\$35.00		\$595,770	\$37.00		\$629,814
Transmission & Related Services Charge	21,633	MWh	1.82	mills	\$39,373	2.13	mills	\$46,079
Distribution Charge								
Block 1	7,536	MWh	108.78	mills	\$819,753	110.99	mills	\$836,407
Block 2	14,098	MWh	88.78	mills	\$1,251,582	90.99	mills	\$1,282,738
Reactive Power Charge	45	kVar	\$0.50		\$23	\$0.50		\$23
Energy Charge								
Block 1	7,536	MWh	70.07	mills	\$528,039	70.94		\$534,595
Block 2	14,098	MWh	70.07	mills	\$987,816		mills	\$1,000,081
Schedule 122	21,633	MWh	0.00	mills	\$0	0.00		\$0
Schedule 125	21,633	MWh	0.00	mills	\$0			\$0
Schedule 145	21,633	MWh	0.29	mills	\$6,274		mills	\$6,274
Schedule 146	21,633	MWh	0.00	mills	\$0	0.00		\$0
Schedule 102	19,580	MWh	(8.34)		(\$163,301)	(8.50)		(\$166,434)
Schedule 105	21,633	MWh	(0.31)		(\$6,706)	0.14		\$3,029
Schedule 109	21,633	MWh		mills	\$169,823		mills	\$136,074
Schedule 110	21,633	MWh	0.09	mills	\$1,947		mills	\$1,947
Schedule 123	21,633	MWh	(0.08)		(\$1,731)	0.21	mills	\$4,543
Schedule 126	21,633	MWh	0.00	mills	\$0			\$0
Schedule 135	21,633	MWh			\$3,245	0.48		\$10,384
Schedule 137	21,633	MWh	0.53		\$11,466	0.53		\$11,466
Schedule 143	21,633	MWh	(0.20)		(\$4,327)	(0.18)		(\$3,894)
Schedule 112	21,633	MWh	0.50	mills	\$10,817	0.50	mills	\$10,817
Totals	21,633	MWh			\$4,296,902			\$4,393,671
					Change			\$96,769
				I	Percent Change			2.25%

Determinant	Units	Price	F	Revenues	Price	. D	
				toronacc	11100	170	evenues
Service							
36	bills	\$40.00		\$1,440	\$45.00		\$1,620
7,608	bills	\$40.00		\$304,320	\$45.00		\$342,360
64,540	MWh	1.82	mills	\$117,463	2.12	mills	\$136,825
•							
19,051	MWh	82.39	mills	\$1,569,644	80.99	mills	\$1,542,972
45,489	MWh	62.39	mills	\$2,838,055	60.99	mills	\$2,774,370
8,709	kVar	\$0.50		\$4,355	\$0.50		\$4,355
19,051	MWh	69.93	mills	\$1,332,264	70.68	mills	\$1,346,552
45,489	MWh	69.93	mills	\$3,181,041	70.68	mills	\$3,215,158
64,540	MWh	0.00	mills	\$0	0.00	mills	\$0
64,540	MWh	0.00	mills	\$0	0.00	mills	\$0
64,540	MWh	0.29	mills	\$18,717	0.29	mills	\$18,717
64,540	MWh	0.00	mills	\$0	0.00	mills	\$0
54,354	MWh	(8.34)	mills	(\$453,316)	(8.50)	mills	(\$462,013)
64,540	MWh	(0.26)	mills	(\$16,780)	0.14	mills	\$9,036
64,303	MWh	5.55	mills	\$356,880	4.50	mills	\$289,362
64,303	MWh	0.06	mills	\$3,858	0.06	mills	\$3,858
64,303	MWh	(0.08)	mills	(\$5,144)	0.21	mills	\$13,504
64,540	MWh	0.00	mills	\$0	0.00	mills	\$0
64,540	MWh	0.15	mills	\$9,681	0.48	mills	\$30,979
64,540	MWh	0.51	mills	\$32,916	0.51	mills	\$32,916
64,540	MWh	(0.20)	mills	(\$12,908)	(0.18)	mills	(\$11,617)
64,540	MWh	0.15	mills	\$9,681	0.15	mills	\$9,681
64,540	MWh			\$9,292,165			\$9,298,634
				•			\$6,469 0.07%
	7,608 64,540 19,051 45,489 8,709 19,051 45,489 64,540 64,540 64,540 64,540 64,303 64,303 64,303 64,303 64,540 64,540 64,540 64,540 64,540 64,540	7,608 bills 64,540 MWh  19,051 MWh 45,489 MWh 8,709 kVar  19,051 MWh 45,489 MWh 64,540 MWh 64,540 MWh 64,540 MWh 64,540 MWh 64,540 MWh 64,303 MWh 64,303 MWh 64,303 MWh 64,303 MWh 64,303 MWh 64,304 MWh 64,540 MWh	7,608 bills \$40.00 64,540 MWh 1.82  19,051 MWh 82.39 45,489 MWh 62.39 8,709 kVar \$0.50  19,051 MWh 69.93 45,489 MWh 69.93 64,540 MWh 0.00 64,540 MWh 0.00 64,540 MWh 0.29 64,540 MWh 0.00 54,354 MWh (8.34) 64,540 MWh (0.26) 64,303 MWh (0.26) 64,303 MWh 0.06 64,303 MWh 0.06 64,303 MWh 0.06 64,540 MWh 0.00 64,540 MWh 0.05 64,540 MWh 0.51 64,540 MWh 0.51	7,608 bills \$40.00 64,540 MWh 1.82 mills  19,051 MWh 82.39 mills 45,489 MWh 62.39 mills 8,709 kVar \$0.50  19,051 MWh 69.93 mills 45,489 MWh 69.93 mills 64,540 MWh 0.00 mills 64,303 MWh 0.26 mills 64,303 MWh 0.06 mills 64,303 MWh 0.06 mills 64,303 MWh 0.06 mills 64,303 MWh 0.00 mills 64,540 MWh 0.00 mills 64,540 MWh 0.00 mills 64,540 MWh 0.01 mills 64,540 MWh 0.01 mills 64,540 MWh 0.15 mills 64,540 MWh 0.51 mills 64,540 MWh 0.51 mills 64,540 MWh 0.15 mills	7,608         bills         \$40.00         \$304,320           64,540         MWh         1.82 mills         \$117,463           19,051         MWh         82.39 mills         \$1,569,644           45,489         MWh         62.39 mills         \$2,838,055           8,709         kVar         \$0.50         \$4,355           19,051         MWh         69.93 mills         \$1,332,264           45,489         MWh         69.93 mills         \$3,181,041           64,540         MWh         0.00 mills         \$0           64,540         MWh         0.00 mills         \$0           64,540         MWh         0.29 mills         \$18,717           64,540         MWh         0.00 mills         \$0           54,354         MWh         (0.26) mills         (\$453,316)           64,540         MWh         (0.26) mills         (\$16,780)           64,303         MWh         5.55 mills         \$356,880           64,303         MWh         0.06 mills         \$3,858           64,303         MWh         0.00 mills         \$0           64,540         MWh         0.15 mills         \$9,681           64,540         MWh	7,608 bills \$40.00 \$304,320 \$45.00 64,540 MWh 1.82 mills \$117,463 2.12  19,051 MWh 82.39 mills \$1,569,644 80.99 45,489 MWh 62.39 mills \$2,838,055 60.99 8,709 kVar \$0.50 \$4,355 \$0.50  19,051 MWh 69.93 mills \$1,332,264 70.68 45,489 MWh 69.93 mills \$3,181,041 70.68 64,540 MWh 0.00 mills \$0 0.00 64,540 MWh 0.00 mills \$0 0.00 64,540 MWh 0.29 mills \$18,717 0.29 64,540 MWh 0.00 mills \$0 0.00 54,354 MWh (8.34) mills (\$453,316) (8.50) 64,540 MWh (0.26) mills (\$16,780) 0.14 64,303 MWh (0.26) mills \$3,858 0.06 64,303 MWh (0.06) mills \$3,858 0.06 64,303 MWh (0.08) mills \$0 0.00 64,540 MWh 0.00 mills \$3,858 0.06 64,303 MWh 0.06 mills \$3,858 0.06 64,303 MWh 0.06 mills \$3,858 0.06 64,540 MWh 0.15 mills \$9,681 0.48 64,540 MWh 0.15 mills \$9,681 0.48 64,540 MWh 0.15 mills \$9,681 0.51 64,540 MWh 0.15 mills \$9,681 0.15 64,540 MWh 0.15 mills \$9,681 0.15	7,608 bills \$40.00 \$304,320 \$45.00 64,540 MWh 1.82 mills \$117,463 2.12 mills  19,051 MWh 82.39 mills \$1,569,644 80.99 mills 45,489 MWh 62.39 mills \$2,838,055 60.99 mills 8,709 kVar \$0.50 \$4,355 \$0.50  19,051 MWh 69.93 mills \$1,332,264 70.68 mills 45,489 MWh 69.93 mills \$3,181,041 70.68 mills 64,540 MWh 0.00 mills \$0 0.00 mills 64,540 MWh 0.00 mills \$0 0.00 mills 64,540 MWh 0.29 mills \$18,717 0.29 mills 64,540 MWh 0.00 mills \$0 0.00 mills 64,303 MWh (0.26) mills (\$16,780) 0.14 mills 64,303 MWh 0.06 mills \$33,858 0.06 mills 64,303 MWh 0.06 mills \$33,858 0.06 mills 64,303 MWh 0.00 mills \$0 0.00 mills \$0 0.00 mills 64,540 MWh 0.00 mills \$32,916 0.51 mills 64,540 MWh 0.51 mills \$9,681 0.48 mills 64,540 MWh 0.51 mills \$9,681 0.51 mills 64,540 MWh 0.51 mills \$9,681 0.51 mills 64,540 MWh 0.15 mills \$9,681 0.15 mills

	Billing			Curre	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	Revenues	
Schedule 83 Secondary Delivery Voltage 3 Large Non-residential Standard Service	1-200 kW							
Monthly Basic Charge								
Single Phase	8,194	bills	\$30.00		\$245,820	\$35.00	\$286,790	
Three Phase	130,152	bills	\$40.00		\$5,206,080	\$45.00	\$5,856,840	
Transmission & Related Services Charge								
On-peak	8,606,661	kW	\$0.65		\$5,594,330	\$0.78	\$6,713,196	
Off-peak	3,366	kW	\$0.00		\$0	\$0.00	\$0	
Distribution Facilities Charge								
Block 1 (first 30 kW)	4,150,380	faccap	\$3.61		\$14,982,872	\$3.50	\$14,526,330	
Block 2 (over 30 kW)	6,980,663	faccap	\$3.51		\$24,502,127	\$3.40	\$23,734,254	
Distribution Demand Charge								
On-peak	8,606,661	kW	\$2.68		\$23,065,851	\$2.61	\$22,463,385	
Off-peak	3,366	kW	\$0.00		\$0	\$0.00	\$0	
System Usage Charge	2,884,961	MWh	6.02	mills	\$17,367,468	6.99 m	nills \$20,165,880	
Reactive Power Charge	538,563	kVar	\$0.50		\$269,282	\$0.50	\$269,282	
Energy Charge								
On-peak	1,909,059	MWh	64.33		\$122,809,761	63.35 m	nills \$120,938,883	
Off-peak	975,902	MWh	49.33		\$48,141,270	48.35 m	nills \$47,184,886	
Schedule 122	2,884,961	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 125	2,884,961	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 145	2,884,961	MWh	0.25	mills	\$721,240	0.24 m	nills \$692,391	
Schedule 146	2,884,961	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 102	225,933	MWh	(8.34)	mills	(\$1,884,280)	(8.50) m	nills (\$1,920,430)	
Schedule 105	2,884,961	MWh	(0.17)	mills	(\$490,443)	0.12 m	nills \$346,195	
Schedule 109	2,834,638	MWh	3.71	mills	\$10,516,507	2.83 m	nills \$8,022,025	
Schedule 110	2,834,638	MWh	0.04	mills	\$113,386	0.04 m	nills \$113,386	
Schedule 123	2,834,638	MWh	(0.08)	mills	(\$226,771)	0.21 m	nills \$595,274	
Schedule 126	2,884,961	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 135	2,884,961	MWh	0.13	mills	\$375,045	0.40 m	nills \$1,153,985	
Schedule 137	2,884,961	MWh	0.43	mills	\$1,240,533	0.43 m	nills \$1,240,533	
Schedule 143	2,884,961	MWh	(0.17)	mills	(\$490,443)	(0.15) m	nills (\$432,744)	
Schedule 112	2,884,961	MWh	0.06	mills	\$173,098	0.06 m	nills \$173,098	
Totals	2,884,961	MWh			\$272,232,731		\$272,123,439	
				(	Change		(\$109,292)	
				F	Percent Change		-0.04%	

	Billing			Curr	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	Revenues	
Schedule 85 Secondary Delivery Voltage 2 Large Non-residential Standard Service	01-4,000 kW			_				
Monthly Basic Charge								
Single Phase	0	bills	\$500.00		\$0	\$560.00	\$0	
Three Phase	13,993	bills	\$500.00		\$6,996,500	\$560.00	\$7,836,080	
Transmission & Related Services Charge								
On-peak	5,711,975	kW	\$0.65		\$3,712,784	\$0.78	\$4,455,341	
Off-peak	6,572	kW	\$0.00		\$0	\$0.00	\$0	
Distribution Facilities Charge								
Block 1 (first 200 kW)	2,798,600	faccap	\$3.39		\$9,487,254	\$3.17	\$8,871,562	
Block 2 (over 200 kW)	3,878,207	faccap	\$2.49		\$9,656,735	\$1.97	\$7,640,068	
Distribution Demand Charge								
On-peak	5,711,975	kW	\$2.68		\$15,308,093	\$2.61	\$14,908,255	
Off-peak	6,572	kW	\$0.00		\$0	\$0.00	\$0	
System Usage Charge	2,122,422	MWh		mills	\$2,377,113	0.97 mills		
Reactive Power Charge	927,749	kVar	\$0.50		\$463,875	\$0.50	\$463,875	
Energy Charge								
On-peak	1,390,849	MWh	62.69		\$87,192,302	61.91 mills	+, - , -	
Off-peak	731,573	MWh	47.69		\$34,888,739	46.91 mills		
Schedule 122	2,122,422	MWh	0.00		\$0	0.00 mills	* -	
Schedule 125	2,122,422	MWh	0.00		\$0	0.00 mills	* -	
Schedule 145	2,122,422	MWh	0.24		\$509,381	0.23 mills	+, -	
Schedule 146	2,122,422	MWh		mills	\$0	0.00 mills	* -	
Schedule 102	33,179	MWh	(8.34)		(\$276,711)	(8.50) mills	V. /	
Schedule 105	2,122,422	MWh	(0.15)		(\$318,363)	0.11 mills	+,	
Schedule 109	1,877,771	MWh		mills	\$6,008,867	2.42 mills	+ /- /	
Schedule 110	1,877,771	MWh		mills	\$75,111	0.04 mills	+ - /	
Schedule 123	1,877,771	MWh	(0.08)		(\$150,222)	0.21 mills	+ ,	
Schedule 126	2,122,422	MWh		mills	\$0	0.00 mills	* -	
Schedule 135	2,122,422	MWh		mills	\$254,691	0.38 mills	* / -	
Schedule 137	2,122,422	MWh		mills	\$891,417	0.42 mills	+ ,	
Schedule 143	2,122,422	MWh	(0.17)		(\$360,812)	(0.15) mills		
Schedule 112	2,122,422	MWh	0.04	mills	\$84,897	0.04 mills	\$84,897	
Totals	2,122,422	MWh			\$176,801,651		\$173,577,205	
					Change		(\$3,224,446)	
					Percent Change		-1.82%	

	Billing			Curre	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	Revenues	
Schedule 85 Primary Delivery Voltage 201- Large Non-residential Standard Service	4,000 kW							
Monthly Basic Charge								
Single Phase	0	bills	\$470.00		\$0	\$470.00	\$0	
Three Phase	2,248	bills	\$470.00		\$1,056,560	\$470.00	\$1,056,560	
Transmission & Related Services Charge								
On-peak	1,490,713	kW	\$0.63		\$939,149	\$0.76	\$1,132,942	
Off-peak	4,859	kW	\$0.00		\$0	\$0.00	\$0	
Distribution Facilities Charge								
Block 1 (first 200 kW)	449,600	faccap	\$3.14		\$1,411,744	\$3.10	\$1,393,760	
Block 2 (over 200 kW)	1,503,786	faccap	\$2.24		\$3,368,481	\$1.90	\$2,857,193	
Distribution Demand Charge								
On-peak	1,490,713	kW	\$2.60		\$3,875,854	\$2.53	\$3,771,504	
Off-peak	4,859	kW	\$0.00		\$0	\$0.00	\$0	
System Usage Charge	591,424	MWh	1.08	mills	\$638,738	0.93	mills \$550,025	
Reactive Power Charge	255,584	kVar	\$0.50		\$127,792	\$0.50	\$127,792	
Energy Charge								
On-peak	374,238	MWh	61.63	mills	\$23,064,300	60.86	mills \$22,776,136	
Off-peak	217,186	MWh	46.63	mills	\$10,127,391	45.86	mills \$9,960,158	
Schedule 122	591,424	MWh	0.00	mills	\$0	0.00	mills \$0	
Schedule 125	591,424	MWh	0.00	mills	\$0	0.00	mills \$0	
Schedule 145	591,424	MWh	0.24	mills	\$141,942	0.22	mills \$130,113	
Schedule 146	591,424	MWh	0.00	mills	\$0	0.00	mills \$0	
Schedule 102	4,386	MWh	(8.34)	mills	(\$36,577)	(8.50)	mills (\$37,278	
Schedule 105	591,424	MWh	(0.15)	mills	(\$88,714)	0.11	mills \$65,057	
Schedule 109	301,591	MWh	3.20	mills	\$965,092	2.42	mills \$729,851	
Schedule 110	301,591	MWh	0.04	mills	\$12,064	0.04	mills \$12,064	
Schedule 123	301,591	MWh	(0.08)	mills	(\$24,127)	0.21	mills \$63,334	
Schedule 126	591,424	MWh	0.00	mills	\$0	0.00	mills \$0	
Schedule 135	591,424	MWh	0.12	mills	\$70,971	0.38	mills \$224,741	
Schedule 137	591,424	MWh	0.41	mills	\$242,484	0.41	mills \$242,484	
Schedule 143	591,424	MWh	(0.17)	mills	(\$100,542)	(0.14)	mills (\$82,799	
Schedule 112	591,424	MWh	0.04	mills	\$23,657	0.04	mills \$23,657	
Totals	591,424	MWh			\$45,816,258		\$44,997,293	
					Change		(\$818,965	
					Percent Change		-1.79%	

	Billing			Curr	ent	Proposed		
Schedule	Determinant	Units	Price	_	Revenues	Price	Revenues	
Schedule 89 Secondary Delivery Voltage Large Non-residential Standard Service	GT 4,000 kW							
Monthly Basic Charge	0	bills	\$3,160.00		\$0	\$3,340.00	\$0	
Transmission & Related Services Charge								
On-peak	0	kW	\$0.65		\$0	\$0.78	\$0	
Off-peak	0	kW	\$0.00		\$0	\$0.00	\$0	
Distribution Facilities Charge								
First 1,000 kW	0	faccap	\$1.59		\$0	\$1.53	\$0	
1,001 to 4,000 kW	0	faccap	\$1.59		\$0	\$1.53	\$0	
Over 4,000 kW	0	faccap	\$1.28		\$0	\$1.22	\$0	
Distribution Demand Charge								
On-peak	0	kW	\$2.68		\$0	\$2.61	\$0	
Off-peak	0	kW	\$0.00		\$0	\$0.00	\$0	
System Usage Charge	0	MWh		mills	\$0	1.02 m		
Reactive Power Charge	0	kVar	\$0.50		\$0	\$0.50	\$0	
Energy Charge								
On-peak	0	MWh	60.01		\$0		nills \$0	
Off-peak	0	MWh	45.01	mills	\$0	43.69 m	nills \$0	
Schedule 122	0	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 125	0	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 145	0	MWh	0.23	mills	\$0	0.21 m	nills \$0	
Schedule 146	0	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 102	0	MWh	(8.34)	mills	\$0	(8.50) m	nills \$0	
Schedule 105	0	MWh	(0.13)	mills	\$0	0.11 m	nills \$0	
Schedule 109	0	MWh	2.87	mills	\$0	1.46 m	nills \$0	
Schedule 110	0	MWh	0.04	mills	\$0	0.04 m	nills \$0	
Schedule 123	0	MWh	(80.0)	mills	\$0	0.21 m	nills \$0	
Schedule 126	0	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 135	0	MWh	0.12	mills	\$0	0.36 m	nills \$0	
Schedule 137	0	MWh	0.40	mills	\$0	0.40 m	nills \$0	
Schedule 143	0	MWh	(0.17)	mills	\$0	(0.14) m	nills \$0	
Schedule 112	0	MWh	0.01	mills	\$0	0.01 m	nills \$0	
Totals	0	MWh			\$0		\$0	
					Change Percent Change		\$0	

	Billing			Curre	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	R	evenues
Schedule 89 Primary Delivery Voltage GT 4 Large Non-residential Standard Service	4,000 kW							
Monthly Basic Charge Transmission & Related Services Charge	132	bills	\$1,770.00		\$233,640	\$1,890.00		\$249,480
On-peak	820,489	kW	\$0.63		\$516,908	\$0.76		\$623,572
Off-peak	5,091	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge	0,001	IXVV	ψ0.00		ΨΟ	ψ0.00		ΨΟ
First 1,000 kW	120,000	faccap	\$1.55		\$186,000	\$1.49		\$178,800
1,001 to 4,000 kW	360,000	faccap	\$1.55		\$558,000	\$1.49		\$536,400
Over 4,000 kW	480,157	faccap	\$1.24		\$595,395	\$1.18		\$566,585
Distribution Demand Charge	,	10.000	*=		<b>4</b> ,	*****		*****
On-peak	820,489	kW	\$2.60		\$2,133,271	\$2.53		\$2,075,837
Off-peak	5,091	kW	\$0.00		\$0	\$0.00		\$0
System Usage Charge	401,176	MWh	1.12	mills	\$449,317	0.99	mills	\$397,164
Reactive Power Charge	66,969	kVar	\$0.50		\$33,485	\$0.50		\$33,485
Energy Charge								
On-peak	238,945	MWh	59.03	mills	\$14,104,945	57.73	mills	\$13,794,316
Off-peak	162,231	MWh	44.03	mills	\$7,143,019	42.73	mills	\$6,932,119
Schedule 122	401,176	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 125	401,176	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 145	401,176	MWh	0.23	mills	\$92,271	0.21	mills	\$84,247
Schedule 146	401,176	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 102	0	MWh	(8.34)	mills	\$0	(8.50)	mills	\$0
Schedule 105	401,176	MWh	(0.13)	mills	(\$52,153)	0.11	mills	\$44,129
Schedule 109	0	MWh	2.87	mills	\$0	1.46	mills	\$0
Schedule 110	0	MWh	0.04	mills	\$0	0.04	mills	\$0
Schedule 123	0	MWh	(0.08)	mills	\$0	0.21	mills	\$0
Schedule 126	401,176	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 135	401,176	MWh	0.12	mills	\$48,141	0.35	mills	\$140,412
Schedule 137	401,176	MWh	0.39	mills	\$156,459	0.39	mills	\$156,459
Schedule 143	401,176	MWh	(0.16)		(\$64,188)	(0.13)		(\$52,153)
Schedule 112	401,176	MWh	0.01	mills	\$4,012	0.01	mills	\$4,012
Totals	401,176	MWh			\$26,138,522			\$25,764,864
					Change			(\$373,657)
					Percent Change			-1.43%

	Billing			Curr	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	F	Revenues
Schedule 90 Primary Delivery Voltage Large Non-residential Standard Service								
Monthly Basic Charge Transmission & Related Services Charge	48	bills	\$5,200.00		\$249,600	\$6,100.00		\$292,800
On-peak	2,701,624	kW	\$0.63		\$1,702,023	\$0.76		\$2,053,234
Off-peak	85	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge								
First 1,000 kW	24,000	faccap	\$1.38		\$33,120	\$1.61		\$38,640
1,001 to 4,000 kW	72,000	faccap	\$1.38		\$99,360	\$1.61		\$115,920
Over 4,000 kW	2,730,257	faccap	\$1.07		\$2,921,375	\$1.30		\$3,549,334
Distribution Demand Charge		-						
On-peak	2,701,624	kW	\$2.60		\$7,024,222	\$2.53		\$6,835,109
Off-peak	85	kW	\$0.00		\$0	\$0.00		\$0
System Usage Charge	1,861,066	MWh	0.69	mills	\$1,284,136	0.54	mills	\$1,004,976
Reactive Power Charge	21,436	kVar	\$0.50		\$10,718	\$0.50		\$10,718
Energy Charge								
On-peak	1,070,638	MWh	57.27	mills	\$61,315,416	55.77	mills	\$59,709,460
Off-peak	790,429	MWh	42.27	mills	\$33,411,423	40.77	mills	\$32,225,780
Schedule 122	1,861,066	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 125	1,861,066	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 145	1,861,066	MWh	0.22	mills	\$409,435	0.20	mills	\$372,213
Schedule 146	1,861,066	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 102	0	MWh	(8.34)	mills	\$0	(8.50)	mills	\$0
Schedule 105	1,861,066	MWh	(0.13)	mills	(\$241,939)	0.10	mills	\$186,107
Schedule 109	0	MWh	2.87	mills	\$0	1.46	mills	\$0
Schedule 110	0	MWh	0.04	mills	\$0	0.04	mills	\$0
Schedule 123	0	MWh	(80.0)	mills	\$0	0.21	mills	\$0
Schedule 126	1,861,066	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 135	1,861,066	MWh	0.11	mills	\$204,717	0.34	mills	\$632,763
Schedule 137	1,861,066	MWh	0.38	mills	\$707,205	0.38	mills	\$707,205
Schedule 143	1,861,066	MWh	(0.15)	mills	(\$279,160)	(0.13)	mills	(\$241,939)
Schedule 112	1,861,066	MWh	0.01	mills	\$18,611	0.01	mills	\$18,611
Totals	1,861,066	MWh			\$108,870,263			\$107,510,930
					Change			(\$1,359,332)
					Percent Change			-1.25%

Schedule	Billing Determinant	Units		nt	Proposed							
			Price	R	evenues	Price	Revenues					
Schedule 89 Subtransmission Delivery Voltage Large Non-residential Standard Service												
Monthly Basic Charge	60	bills	\$3,850.00		\$231,000	\$3,970.00		\$238,200				
Transmission & Related Services Charge On-peak	272,521	kW	\$0.62		\$168,963	\$0.75		\$204,391				
Off-peak	272,521	kW	\$0.02		\$100,963	\$0.75		\$204,391 \$0				
Distribution Facilities Charge	U	KVV	φυ.υυ		ΦΟ	φυ.υυ		ΦΟ				
First 1,000 kW	60,000	faccap	\$1.55		\$93,000	\$1.49		\$89,400				
1,001 to 4,000 kW	180,000	faccap	\$1.55		\$279,000	\$1.49		\$268,200				
Over 4,000 kW	115,908	faccap	\$1.24		\$143,726	\$1.18		\$136,771				
Distribution Demand Charge	110,000	шооар	Ψ1.24		Ψ140,720	ψ1.10		ψ100,771				
On-peak	272,521	kW	\$1.26		\$343,376	\$1.27		\$346,102				
Off-peak	0	kW	\$0.00		\$0	\$0.00		\$0				
System Usage Charge	62.759	MWh	1.09	mills	\$68.407	*	mills	\$60.876				
Reactive Power Charge	32,382	kVar	\$0.50		\$16,191	\$0.50		\$16,191				
Energy Charge	, , , , ,		,		¥ -, -	• • • • • • • • • • • • • • • • • • • •		, -, -				
On-peak	41,003	MWh	58.30	mills	\$2,390,492	57.02	mills	\$2,338,008				
Off-peak	21,755	MWh	43.30	mills	\$942,013	42.02	mills	\$914,166				
Schedule 122	62,759	MWh	0.00	mills	\$0	0.00	mills	\$0				
Schedule 125	62,759	MWh	0.00	mills	\$0	0.00	mills	\$0				
Schedule 145	62,759	MWh	0.23	mills	\$14,435	0.21	mills	\$13,179				
Schedule 146	62,759	MWh	0.00	mills	\$0	0.00	mills	\$0				
Schedule 102	0	MWh	0.00	mills	\$0	0.00	mills	\$0				
Schedule 105	62,759	MWh	(0.13)	mills	(\$8,159)	0.11	mills	\$6,903				
Schedule 109	0	MWh	2.87	mills	\$0	1.46	mills	\$0				
Schedule 110	0	MWh	0.04	mills	\$0	0.04	mills	\$0				
Schedule 123	0	MWh	(0.08)	mills	\$0	0.21	mills	\$0				
Schedule 126	62,759	MWh		mills	\$0	0.00		\$0				
Schedule 135	62,759	MWh	0.12	mills	\$7,531	0.35	mills	\$21,966				
Schedule 137	62,759	MWh	0.39	mills	\$24,476	0.39	mills	\$24,476				
Schedule 143	62,759	MWh	, ,	mills	(\$10,041)	(0.13)		(\$8,159)				
Schedule 112	62,759	MWh	0.01	mills	\$628	0.01	mills	\$628				
Totals	62,759	MWh			\$4,705,037			\$4,671,298				
			Change					(\$33,740)				
			Percent Change					-0.72%				

	Billing Determinant	Units	Current			Proposed		
Schedule			Price	Revenues		Price	Revenues	
Schedule 75 Subtransmission Delivery Vol	Itane							
Partial Requirements Service	itage							
Tartial Requirements Service								
Monthly Basic Charge	0	bills	\$3,850.00		\$0	\$3,970.00		\$0
Transmission & Related Services Charge								
On-peak	0	kW	\$0.62		\$0	\$0.75		\$0
Off-peak	0	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge								
First 1,000 kW	0	faccap	\$1.55		\$0	\$1.49		\$0
1,001 to 4,000 kW	0	faccap	\$1.55		\$0	\$1.49		\$0
Over 4,000 kW	0	faccap	\$1.24		\$0	\$1.18		\$0
Distribution Demand Charge			*= .		**	*****		**
On-peak	0	kW	\$1.26		\$0	\$1.27		\$0
Off-peak	0	kW	\$0.00		\$0	\$0.00		\$0 \$0
System Usage Charge	0	MWh		mills	\$0	0.97	mille	\$0 \$0
Reactive Power Charge	0	kVar	\$0.50	111113	\$0 \$0	\$0.50	111113	\$0 \$0
Energy Charge (Schedule 75 only)	U	Kvai	φυ.50		ΨΟ	ψ0.50		ΨΟ
- · · · · · · · · · · · · · · · · · · ·	0	MWh	58.30	mills	\$0	57.02	millo	\$0
On-peak	0	MWh			\$0 \$0		mills	\$0 \$0
Off-peak			43.30					
Schedule 122	0	MWh	0.00		\$0	0.00		\$0
Schedule 125	0	MWh	0.00		\$0		mills	\$0
Schedule 145	0	MWh	0.23		\$0		mills	\$0
Schedule 146	0	MWh	0.00		\$0		mills	\$0
Schedule 102	0	MWh		mills	\$0		mills	\$0
Schedule 105	0	MWh	,	mills	\$0		mills	\$0
Schedule 109	0	MWh	-	mills	\$0		mills	\$0
Schedule 110	0	MWh	0.04	mills	\$0	0.04		\$0
Schedule 123	0	MWh	(0.08)	mills	\$0	0.21	mills	\$0
Schedule 126	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 135	0	MWh	0.12	mills	\$0	0.35	mills	\$0
Schedule 137	0	MWh	0.39	mills	\$0	0.39	mills	\$0
Schedule 143	0	MWh	(0.16)	mills	\$0	(0.13)	mills	\$0
Schedule 112	0	MWh	0.01	mills	\$0	0.01	mills	\$0
Totals	0	MWh			\$0			\$0
			Change					\$0
			Percent Change					
Total Subtransmission	62,759	MWh			\$4,705,037			\$4,671,298
Total Cultura anciesis a	,			01				
Total Subtransmission			Change Percent Change					(\$33,740 -0.72%

	Billing			Curre	ent		Proposed		
Schedule	Determinant	Units	Price		Revenues	Price		Revenues	
Schedule 91/95 Street & Highway Lighting									
Transmission & Related Services Charge	50,583	MWh	1.29	mills	\$65,252	1.52	mills	\$76,886	
Distribution Charge	50,583	MWh	165.38	mills	\$8,365,394	168.66	mills	\$8,531,124	
(includes fixed and sys. usage charges)					<b>^</b>	40.00		<b>A</b>	
Energy Charge	50,583	MWh	50.54		\$2,556,465	48.98		\$2,477,555	
Schedule 122	50,583	MWh	0.00		\$0	0.00		\$0	
Schedule 125	50,583	MWh	0.00		\$0	0.00		\$0	
Schedule 145	50,583	MWh	0.22	mills	\$11,128	0.20	mills	\$10,117	
Schedule 146	50,583	MWh	0.00	mills	\$0	0.00		\$0	
Schedule 102	0	MWh	0.00		\$0	0.00		\$0	
Schedule 105	50,583	MWh	(0.46)		(\$23,268)	0.10	mills	\$5,058	
Schedule 109	50,583	MWh	7.47	mills	\$377,855	6.86	mills	\$346,999	
Schedule 110	50,583	MWh	0.10	mills	\$5,058	0.10	mills	\$5,058	
Schedule 123	50,583	MWh	(0.08)	mills	(\$4,047)	0.21	mills	\$10,622	
Schedule 126	50,583	MWh	0.00	mills	\$0	0.00	mills	\$0	
Schedule 135	50,583	MWh	0.11	mills	\$5,564	0.33	mills	\$16,692	
Schedule 137	50,583	MWh	0.37	mills	\$18,716	0.37	mills	\$18,716	
Schedule 143	50,583	MWh	(0.15)	mills	(\$7,587)	(0.13)	mills	(\$6,576)	
Schedule 112	50,583	MWh	0.25	mills	\$12,646	0.25	mills	\$12,646	
Totals	50,583	MWh			\$11,383,176			\$11,504,899	
					Change			\$121,723	
					Percent Change			1.07%	

	Billing				ent		Propos	roposed		
Schedule	Determinant	Units	Price		Revenues	Price	F	Revenues		
Schedule 92 Traffic Signals										
Transmission & Related Services Charge	2,496	MWh	1.36	mills	\$3,395	1.59	mills	\$3,969		
Volumetric Distribution Charge	2,496	MWh	28.93	mills	\$72,209	29.25	mills	\$73,008		
Energy Charge	2,496	MWh	52.02	mills	\$129,842	51.09	mills	\$127,521		
Schedule 122	2,496	MWh	0.00	mills	\$0	0.00	mills	\$0		
Schedule 125	2,496	MWh	0.00	mills	\$0	0.00	mills	\$0		
Schedule 145	2,496	MWh	0.22	mills	\$549	0.21	mills	\$524		
Schedule 146	2,496	MWh	0.00	mills	\$0	0.00	mills	\$0		
Schedule 102	0	MWh	0.00	mills	\$0	0.00	mills	\$0		
Schedule 105	2,496	MWh	(0.16)	mills	(\$399)	0.10	mills	\$250		
Schedule 109	2,496	MWh	3.22	mills	\$8,037	2.57	mills	\$6,415		
Schedule 110	2,496	MWh	0.04	mills	\$100	0.04	mills	\$100		
Schedule 123	2,496	MWh	(0.08)	mills	(\$200)	0.21	mills	\$524		
Schedule 126	2,496	MWh	0.00	mills	\$0	0.00	mills	\$0		
Schedule 135	2,496	MWh	0.11	mills	\$275	0.35	mills	\$874		
Schedule 137	2,496	MWh	0.39	mills	\$973	0.39	mills	\$973		
Schedule 143	2,496	MWh	(0.15)	mills	(\$374)	(0.13)	mills	(\$324)		
Schedule 112	2,496	MWh	0.23	mills	\$574	0.23	mills	\$574		
Totals	2,496	MWh			\$214,980			\$214,406		
				(	Change			(\$574)		
				ı	Percent Change			-0.27%		

	Billing			Curi	rent		Proposed	
Schedule	Determinant	Units	Price		Revenues	Price	Revenue	es
Schedule 76R Economic Replacement Powe Partial Requirements Service	r							
Energy Charge (market based) On-peak Off-peak								
System Usage Charge Daily Transmission Charges Daily Distribution Charges	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 125	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 145	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 102	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 105	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 109	0	MWh	0.00	mills	\$0		mills	\$0
Schedule 110	0	MWh	0.00	mills	\$0	0.00		\$0
Schedule 123	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 126	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 135	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 137	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 143	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 112	0	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	0	MWh			\$0			\$0
					Change			\$0

	Billing			Current	Pı	roposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues	
COS & Partial Requirements Revenue Cate	egory					<u> </u>	
Basic Charge Revenues				\$140,483,241	\$0	\$146,913,780	\$0.0
Transmission & Related Charges				\$31,619,334	\$0	\$37,271,496	\$0.0
Volumetric Distribution Charges				\$407,595,747	(\$0)	\$436,042,123	\$0.0
Facilities Charges				\$68,318,189	\$0	\$64,503,218	(\$0.0)
Distribution Demand Charges				\$51,750,669	(\$0)	\$50,400,191	\$0.0
System Usage Charges				\$22,185,179		\$24,237,671	
Reactive Power Charges				\$952,819	\$0	\$952,819	\$0.0
Energy Charges				\$1,056,741,996	\$0	\$1,031,858,698	(\$0.0)
Schedule 122				\$0	\$0	\$0	\$0.0
Schedule 125				\$0	\$0	\$0	\$0.0
Schedule 145				\$4,387,977	\$0	\$4,185,887	\$0.0
Schedule 146				\$0	\$0	\$0	\$0.0
Schedule 102				(\$68,835,602)	(\$0)	(\$69,345,194)	(\$0.0)
Schedule 105				(\$2,717,260)	\$0	\$2,084,208	\$0.0
Schedule 109				\$63,417,246	\$0	\$50,248,642	\$0.0
Schedule 110				\$675,001	\$0	\$675,001	\$0.0
Schedule 123				(\$876,814)	\$0	\$13,962,183	(\$0.0)
Schedule 126				\$0	\$0	\$0	\$0.0
Schedule 135				\$2,257,332	\$0	\$7,039,753	(\$0.0)
Schedule 137				\$7,622,310	\$0	\$7,622,310	\$0.0
Schedule 143				(\$3,053,831)	\$0	(\$2,696,715)	\$0.0
Schedule 112				\$2,968,476	\$0	\$2,968,476	\$0.0
Employee Discount				<u>(\$892,151)</u>	<u>\$0</u>	<u>(\$923,927)</u>	<u>\$0.0</u>
COS & Partial Requirements Totals				\$1,784,599,856	\$0	\$1,808,000,620	(\$0.0)

	Billing			Curr	ent		Propo	sed
Schedule	Determinant	Units	Price	_	Revenues	Price		Revenues
Schedule 7 Residential Service								
Monthly Basic Charge								
Single Phase	9,395,591	bills	\$11.00		\$103,351,501	\$11.00		\$103,351,501
Three Phase	180	bills	\$11.00		\$1,980	\$11.00		\$1,980
Transmission & Related Services Charge TOU Decrement Transmission	7,568,918	MWh	2.09	mills	\$15,819,039	2.43	mills	\$18,392,471 (\$9,508)
Distribution Charge TOU Decrement Distribution	7,568,918	MWh	43.11	mills	\$326,296,057	46.62	mills	\$352,862,959 (\$182,196)
Energy Charge					<b>^</b>			<b>^</b>
Block 1 (first 500 kWh)	4,150,373	MWh	65.10		\$270,189,253	63.29	mills	\$262,677,079
Block 2 (501-1,000 kWh)	2,140,123	MWh	65.10 72.32		\$139,322,024	63.29 70.51	mills	\$135,448,401
Block 3 (over 1,000 kWh) TOU Decrement Generation	1,278,422	MWh	12.32	milis	\$92,455,495	70.51	milis	\$90,141,551 (\$126,972)
Schedule 125	7,568,918	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	7,568,918	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	7,568,918	MWh	0.00	mills	\$0	0.00	mills	\$0
Employee Discount					(\$944,818)			(\$960,453)
Totals	7,568,918	MWh			\$946,490,531			\$961,596,814
					Change Percent Change			\$15,106,283 1.60%

	Billing			Curr	ent		Proposed		
Schedule	Determinant	Units	Price	_	Revenues	Price	_	Revenues	
Schedule 15 Outdoor Area Lighting									
Transmission & Related Services Charge	15,774	MWh	1.29	mills	\$20,348	1.52	mills	\$23,976	
Distribution Charge (includes fixed and sys. usage charges)	15,774	MWh	167.46	mills	\$2,641,438	167.17	mills	\$2,636,964	
Energy Charge	15,774	MWh	50.54	mills	\$797,218	48.98	mills	\$772,611	
Schedule 125	15,774	MWh	0.00	mills	\$0	0.00	mills	\$0	
Schedule 122a	15,774	MWh	0.00	mills	\$0	0.00	mills	\$0	
Schedule 146	15,774	MWh	0.00	mills	\$0	0.00	mills	\$0	
Totals	15,774	MWh			\$3,459,005			\$3,433,551	
					Change Percent Change			(\$25,454) -0.74%	

	Billing			Curre	ent		Propos	sed
Schedule	Determinant	Units	Price		Revenues	Price		Revenues
Schedule 32 Small Non-residential Service								
Monthly Basic Charge Single Phase Three Phase	672,008 453,173	bills bills	\$17.00 \$23.00		\$11,424,136 \$10,422,979	\$20.00 \$29.00		\$13,440,160 \$13,142,017
Transmission & Related Services Charge	1,633,156	MWh	1.76	mills	\$2,874,354	2.06	mills	\$3,364,301
Distribution Charge Block 1 Block 2	1,427,418 205,738	MWh MWh	41.80 8.92		\$59,666,073 \$1,835,180	42.32 14.87		\$60,408,330 \$3,059,319
Energy Charge TOU Decrement	1,633,156	MWh	60.00	mills	\$97,989,342	58.42	mills	\$95,408,956 (\$58,612)
Schedule 125	1,633,156	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	1,633,156	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	1,633,156	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	1,633,156	MWh			\$184,212,064			\$188,764,472
					Change Percent Change			\$4,552,407 2.47%

	Billing			Curi	rent		Propos	sed
Schedule	Determinant	Units	Price	_	Revenues	Price		Revenues
Schedule 38 Large Non-residential Service Time-of-Day								
Monthly Basic Charge Single Phase Three Phase	660 3,935	bills bills	\$25.00 \$25.00		\$16,500 \$98,375	\$30.00 \$30.00		\$19,800 \$118,050
Transmission & Related Services Charge	31,475	MWh	1.46		, ,	1.71	mills	\$53,822
Distribution Charge	31,475	MWh	71.18	mills	\$2,240,362	70.41	mills	\$2,216,126
Reactive Power Charge	54,201	kVar	\$0.50		\$27,101	\$0.50		\$27,101
Energy Charge Block 1 Block 2	17,091 14,383	MWh MWh	59.92 49.92		+ /- / -	60.70 45.70		\$1,037,433 \$657,324
Schedule 125	31,475	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	31,475	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	31,475	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	31,475	MWh			\$4,170,414			\$4,129,655
					Change Percent Change			(\$40,759) -0.98%

	Billing			Curr	rent		Propo	sed
Schedule	Determinant	Units	Price	_	Revenues	Price		Revenues
Schedule 47 Small Non-residential Irrigation & Pumping	g Service							
Monthly Basic Charge								
Single Phase	1,344	bills	\$35.00		\$47,040	\$37.00		\$49,728
Three Phase	17,022	bills	\$35.00		\$595,770	\$37.00		\$629,814
Transmission & Related Services Charge	21,633	MWh	1.82	mills	\$39,373	2.13	mills	\$46,079
Distribution Charge								
Block 1	7,536	MWh	108.78	mills	\$819,753	110.99	mills	\$836,407
Block 2	14,098	MWh	88.78	mills	\$1,251,582	90.99	mills	\$1,282,738
Reactive Power Charge	45	kVar	\$0.50		\$23	\$0.50		\$23
Energy Charge								
Block 1	7,536	MWh	70.07	mills	\$528,039	70.94	mills	\$534,595
Block 2	14,098	MWh	70.07	mills	\$987,816	70.94	mills	\$1,000,081
Schedule 125	21,633	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	21,633	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	21,633	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	21,633	MWh			\$4,269,396			\$4,379,465
					Change Percent Change			\$110,069 2.58%

	Billing			Current		Proposed		
Schedule	Determinant	Units	Price	_	Revenues	Price		Revenues
Schedule 49 Large Non-residential Irrigation & Pumping	g Service							
Monthly Basic Charge								
Single Phase	36	bills	\$40.00		\$1,440	\$45.00		\$1,620
Three Phase	7,608	bills	\$40.00		\$304,320	\$45.00		\$342,360
Transmission & Related Services Charge	64,540	MWh	1.82	mills	\$117,463	2.12	mills	\$136,825
Distribution Charge								
Block 1	19,051	MWh	82.39	mills	\$1,569,644	80.99	mills	\$1,542,972
Block 2	45,489	MWh	62.39	mills	\$2,838,055	60.99	mills	\$2,774,370
Reactive Power Charge	8,709	kVar	\$0.50		\$4,355	\$0.50		\$4,355
Energy Charge								
Block 1	19,051	MWh	69.93	mills	\$1,332,264	70.68	mills	\$1,346,552
Block 2	45,489	MWh	69.93	mills	\$3,181,041	70.68	mills	\$3,215,158
Schedule 125	64,540	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	64,540	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	64,540	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	64,540	MWh			\$9,348,582			\$9,364,212
					Change Percent Change			\$15,631 0.17%

	Billing			Curre	nt		Propos	sed
Schedule	Determinant	Units	Price		Revenues	Price		Revenues
Schedule 83 Secondary Delivery Voltage 3 Large Non-residential Standard Service	1-200 kW							
Monthly Basic Charge								
Single Phase	8,194	bills	\$30.00		\$245,820	\$35.00		\$286,790
Three Phase	130,152	bills	\$40.00		\$5,206,080	\$45.00		\$5,856,840
Transmission & Related Services Charge								
On-peak	8,606,661	kW	\$0.65		\$5,594,330	\$0.78		\$6,713,196
Off-peak	3,366	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge								
Block 1 (first 30 kW)	4,150,380	faccap	\$3.61		\$14,982,872	\$3.50		\$14,526,330
Block 2 (over 30 kW)	6,980,663	faccap	\$3.51		\$24,502,127	\$3.40		\$23,734,254
Distribution Demand Charge								
On-peak	8,606,661	kW	\$2.68		\$23,065,851	\$2.61		\$22,463,385
Off-peak	3,366	kW	\$0.00		\$0	\$0.00		\$0
System Usage Charge	2,884,961	MWh	6.02	mills	\$17,367,468	6.99	mills	\$20,165,880
Reactive Power Charge	538,563	kVar	\$0.50		\$269,282	\$0.50		\$269,282
Energy Charge								
On-peak	1,909,059	MWh	64.33	mills	\$122,809,761	63.35	mills	\$120,938,883
Off-peak	975,902	MWh	49.33	mills	\$48,141,270	48.35	mills	\$47,184,886
Schedule 125	2,884,961	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	2,884,961	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	2,884,961	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	2,884,961	MWh			\$262,184,861			\$262,139,726
					Change Percent Change			(\$45,135) -0.02%

	Billing			Curr	ent		Propos	ed
Schedule	Determinant	Units	Price	_	Revenues	Price	<u> </u>	Revenues
Schedule 85 Secondary Delivery Voltage 2 Large Non-residential Standard Service	01-4,000 kW							
Monthly Basic Charge								
Single Phase	0	bills	\$500.00		\$0	\$560.00		\$0
Three Phase	13,993	bills	\$500.00		\$6,996,500	\$560.00		\$7,836,080
Transmission & Related Services Charge								
On-peak	5,711,975	kW	\$0.65		\$3,712,784	\$0.78		\$4,455,341
Off-peak	6,572	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge								
Block 1 (first 200 kW)	2,798,600	faccap	\$3.39		\$9,487,254	\$3.17		\$8,871,562
Block 2 (over 200 kW)	3,878,207	faccap	\$2.49		\$9,656,735	\$1.97		\$7,640,068
Distribution Demonstration								
Distribution Demand Charge	5,711,975	kW	\$2.68		\$15,308,093	\$2.61		\$4.4.000 OFF
On-peak Off-peak	6,572	kW	\$0.00		\$15,306,093 \$0	\$0.00		\$14,908,255 \$0
On-peak	0,572	KVV	φ0.00		ΨΟ	φ0.00		ΨΟ
System Usage Charge	2,122,422	MWh	1.12	mills	\$2,377,113	0.97	mills	\$2,058,749
Reactive Power Charge	927,749	kVar	\$0.50		\$463,875	\$0.50		\$463,875
Energy Charge								
On-peak	1,390,849	MWh	62.69	mills	\$87,192,302	61.91	mills	\$86,107,440
Off-peak	731,573	MWh	47.69	mills	\$34,888,739	46.91	mills	\$34,318,112
Schedule 125	2,122,422	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	2,122,422	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	2,122,422	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	2,122,422	MWh			\$170,083,395			\$166,659,481
					Change			(\$3,423,914)
					Percent Change			-2.01%

	Billing			Curr	ent		Propos	ed
Schedule	Determinant	Units	Price	_	Revenues	Price	<u>F</u>	Revenues
Schedule 85 Primary Delivery Voltage 201- Large Non-residential Standard Service	-4,000 kW							
Monthly Basic Charge								
Single Phase	0	bills	\$470.00		\$0	\$470.00		\$0
Three Phase	2,248	bills	\$470.00		\$1,056,560	\$470.00		\$1,056,560
Transmission & Related Services Charge								
On-peak	1,490,713	kW	\$0.63		\$939,149	\$0.76		\$1,132,942
Off-peak	4,859	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge								
Block 1 (first 200 kW)	449.600	faccap	\$3.14		\$1,411,744	\$3.10		\$1,393,760
Block 2 (over 200 kW)	1,503,786	faccap	\$2.24		\$3,368,481	\$1.90		\$2,857,193
Distribution Demand Charge								
On-peak	1,490,713	kW	\$2.60		\$3,875,854	\$2.53		\$3,771,504
Off-peak	4,859	kW	\$0.00		\$0	\$0.00		\$0
System Usage Charge	591,424	MWh	1.08	mills	\$638,738	0.93	mills	\$550,025
Reactive Power Charge	255,584	kVar	\$0.50		\$127,792	\$0.50		\$127,792
Energy Charge								
On-peak	374,238	MWh	61.63	mills	\$23,064,300	60.86	mills	\$22,776,136
Off-peak	217,186	MWh	46.63	mills	\$10,127,391	45.86	mills	\$9,960,158
Schedule 125	591,424	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	591,424	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	591,424	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	591,424	MWh			\$44,610,009			\$43,626,070
					Change Percent Change			(\$983,939) -2.21%

	Billing			Curre	ent	Proposed		
Schedule	Determinant	Units	Price		Revenues	Price	Revenues	
Schedule 89 Secondary Delivery Voltage G Large Non-residential Standard Service	T 4,000 kW							
Monthly Basic Charge	0	bills	\$3,160.00		\$0	\$3,340.00	\$0	
Transmission & Related Services Charge								
On-peak	0	kW	\$0.65		\$0	\$0.78	\$0	
Off-peak	0	kW	\$0.00		\$0	\$0.00	\$0	
Distribution Facilities Charge								
First 1,000 kW	0	faccap	\$1.59		\$0	\$1.53	\$0	
1,001 to 4,000 kW	0	faccap	\$1.59		\$0	\$1.53	\$0	
Over 4,000 kW	0	faccap	\$1.28		\$0	\$1.22	\$0	
Distribution Demand Charge								
On-peak	0	kW	\$2.68		\$0	\$2.61	\$0	
Off-peak	0	kW	\$0.00		\$0	\$0.00	\$0	
System Usage Charge	0	MWh	1.15	mills	\$0	1.02 m	ills \$0	
Reactive Power Charge	0	kVar	\$0.50		\$0	\$0.50	\$0	
Energy Charge								
On-peak	0	MWh	60.01	mills	\$0	58.69 m	ills \$0	
Off-peak	0	MWh	45.01	mills	\$0	43.69 m	ills \$0	
Schedule 125	0	MWh	0.00	mills	\$0	0.00 m	ills \$0	
Schedule 122a	0	MWh	0.00	mills	\$0	0.00 m	ills \$0	
Schedule 146	0	MWh	0.00	mills	\$0	0.00 m	ills \$0	
Totals	0	MWh			\$0		\$0	
					Change Percent Change		\$0	

	Billing			Curr	ent		Proposed	
Schedule	Determinant	Units	Price	_,	Revenues	Price	R	levenues
Schedule 89 Primary Delivery Voltage GT Large Non-residential Standard Service	4,000 kW							
Monthly Basic Charge	132	bills	\$1,770.00		\$233,640	\$1,890.00		\$249,480
Transmission & Related Services Charge								
On-peak	820,489	kW	\$0.63		\$516,908	\$0.76		\$623,572
Off-peak	5,091	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge								
First 1,000 kW	120,000	faccap	\$1.55		\$186,000	\$1.49		\$178,800
1,001 to 4,000 kW	360,000	faccap	\$1.55		\$558,000	\$1.49		\$536,400
Over 4,000 kW	480,157	faccap	\$1.24		\$595,395	\$1.18		\$566,585
Distribution Demand Charge								
On-peak	820.489	kW	\$2.60		\$2,133,271	\$2.53		\$2,075,837
Off-peak	5,091	kW	\$0.00		\$0	\$0.00		\$0
System Usage Charge	401,176	MWh	1.12	mills	\$449,317	0.99	mills	\$397,164
Reactive Power Charge	66,969	kVar	\$0.50		\$33,485	\$0.50		\$33,485
Energy Charge								
On-peak	238,945	MWh	59.03	mills	\$14,104,945	57.73	mills	\$13,794,316
Off-peak	162,231	MWh	44.03	mills	\$7,143,019	42.73	mills	\$6,932,119
Schedule 125	401,176	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	401,176	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	401,176	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	401,176	MWh			\$25,953,980			\$25,387,759
					Change Percent Change			(\$566, <mark>222</mark> ) -2.18%

	Billing			Curi	rent		Propos	ed
Schedule	Determinant	Units	Price	_	Revenues	Price		Revenues
Schedule 90 Primary Delivery Voltage Large Non-residential Standard Service								
Monthly Basic Charge	48	bills	\$5,200.00		\$249,600	\$6,100.00		\$292,800
Transmission & Related Services Charge								
On-peak	2,701,624	kW	\$0.63		\$1,702,023	\$0.76		\$2,053,234
Off-peak	85	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge								
First 1,000 kW	24,000	faccap	\$1.38		\$33,120	\$1.61		\$38,640
1,001 to 4,000 kW	72,000	faccap	\$1.38		\$99,360	\$1.61		\$115,920
Over 4,000 kW	2,730,257	faccap	\$1.07		\$2,921,375	\$1.30		\$3,549,334
Distribution Demand Charge								
On-peak	2,701,624	kW	\$2.60		\$7,024,222	\$2.53		\$6,835,109
Off-peak	85	kW	\$0.00		\$0	\$0.00		\$0
System Usage Charge	1,861,066	MWh	0.69	mills	\$1,284,136	0.54	mills	\$1,004,976
Reactive Power Charge	21,436	kVar	\$0.50		\$10,718	\$0.50		\$10,718
Energy Charge								
On-peak	1,070,638	MWh	57.27	mills	\$61,315,416	55.77	mills	\$59,709,460
Off-peak	790,429	MWh	42.27	mills	\$33,411,423	40.77	mills	\$32,225,780
Schedule 125	1,861,066	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	1,861,066	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	1,861,066	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	1,861,066	MWh			\$108,051,394			\$105,835,971
					Change Percent Change			(\$2,215,423) -2.05%

Schedule	_		Current			Proposed		
	Determinant	Units	Price		Revenues	Price	R	evenues
Schedule 89 Subtransmission Delivery Vo Large Non-residential Standard Service	ltage							
Monthly Basic Charge	60	bills	\$3,850.00		\$231,000	\$3,970.00		\$238,200
Transmission & Related Services Charge								
On-peak	272,521	kW	\$0.62		\$168,963	\$0.75		\$204,391
Off-peak	0	kW	\$0.00		\$0	\$0.00		\$0
Distribution Facilities Charge								
First 1,000 kW	60,000	faccap	\$1.55		\$93,000	\$1.49		\$89,400
1,001 to 4,000 kW	180,000	faccap	\$1.55		\$279,000	\$1.49		\$268,200
Over 4,000 kW	115,908	faccap	\$1.24		\$143,726	\$1.18		\$136,771
Distribution Demand Charge								
On-peak	272,521	kW	\$1.26		\$343,376	\$1.27		\$346,102
Off-peak	0	kW	\$0.00		\$0	\$0.00		\$0
System Usage Charge	62,759	MWh	1.09	mills	\$68,407	0.97	mills	\$60,876
Reactive Power Charge	32,382	kVar	\$0.50		\$16,191	\$0.50		\$16,191
Energy Charge								
On-peak On-peak	41,003	MWh	58.30	mills	\$2,390,492	57.02	mills	\$2,338,008
Off-peak	21,755	MWh	43.30	mills	\$942,013	42.02	mills	\$914,166
Schedule 125	62,759	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	62,759	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	62,759	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	62,759	MWh			\$4,676,168			\$4,612,304
					Change Percent Change			(\$63,864) -1.37%

	Billing			Cur	rent	Pı	roposed	
Schedule	Determinant	Units	Price	_	Revenues	Price	Revenues	
Schedule 75 Subtransmission Delivery Vol Partial Requirements Service	ltage							
Monthly Basic Charge	0	bills	\$3,850.00		\$0	\$3,970.00	\$0	
Transmission & Related Services Charge								
On-peak	0	kW	\$0.62		\$0	\$0.75	\$0	
Off-peak	0	kW	\$0.00		\$0	\$0.00	\$0	
Distribution Facilities Charge								
First 1,000 kW	0	faccap	\$1.55		\$0	\$1.49	\$0	
1,001 to 4,000 kW	0	faccap	\$1.55		\$0	\$1.49	\$0	
Over 4,000 kW	0	faccap	\$1.24		\$0	\$1.18	\$0	
Distribution Demand Charge								
On-peak	0	kW	\$1.26		\$0	\$1.27	\$0	
Off-peak	0	kW	\$0.00		\$0	\$0.00	\$0	
System Usage Charge	0	MWh	1.09	mills	\$0	0.97 m	nills \$0	
Reactive Power Charge	0	kVar	\$0.50		\$0	\$0.50	\$0	
Energy Charge (Schedule 75 only)								
On-peak	0	MWh	58.30	mills	\$0	57.02 m	nills \$0	
Off-peak	0	MWh	43.30	mills	\$0	42.02 m	nills \$0	
Schedule 125	0	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 122a	0	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Schedule 146	0	MWh	0.00	mills	\$0	0.00 m	nills \$0	
Totals	0	MWh			\$0		\$0	
					Change Percent Change		\$0	
Total Subtransmission	62,759	MWh			\$4,676,168		\$4,612,304	
Total Subtransmission					Change		(\$63,864)	
					Percent Change		-1.37%	

	Billing			Curi	rent		Propos	sed
Schedule	Determinant	Units	Price	_	Revenues	Price		Revenues
Schedule 91/95 Street & Highway Lighting								
Transmission & Related Services Charge	50,583	MWh	1.29	mills	\$65,252	1.52	mills	\$76,886
Distribution Charge (includes fixed and sys. usage charges)	50,583	MWh	165.38	mills	\$8,365,394	168.66	mills	\$8,531,124
Energy Charge	50,583	MWh	50.54	mills	\$2,556,465	48.98	mills	\$2,477,555
Schedule 125	50,583	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	50,583	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	50,583	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	50,583	MWh			\$10,987,111			\$11,085,566
					Change Percent Change			\$98,455 0.90%
Schedule 92 Traffic Signals								
Transmission & Related Services Charge	2,496	MWh	1.36	mills	\$3,395	1.59	mills	\$3,969
Volumetric Distribution Charge	2,496	MWh	28.93	mills	\$72,209	29.25	mills	\$73,008
Energy Charge	2,496	MWh	52.02	mills	\$129,842	51.09	mills	\$127,521
Schedule 125	2,496	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 122a	2,496	MWh	0.00	mills	\$0	0.00	mills	\$0
Schedule 146	2,496	MWh	0.00	mills	\$0	0.00	mills	\$0
Totals	2,496	MWh			\$205,446			\$204,497
					Change Percent Change			(\$948) -0.46%
System COS Totals	17,312,384	MWh			\$1,778,702,355			\$1,791,219,543
					System COS Change System COS Percent			\$12,517,188 0.70%

	Billing		Cı	ırrent		Propose	d
Schedule	Determinant	Units	Price	Revenues	Price	Re	evenues
Schedule 76R Economic Replacement Powe Partial Requirements Service	er						
Energy Charge (not applicable) On-peak Off-peak							
System Usage Charge Daily Transmission Charges Daily Distribution Charges	0	MWh	0.00 mil	ls	\$0	0.00 mills	\$0
Totals	0	MWh			\$0		\$0
				Change			\$0

	Billing		Cı	ırrent	Propo	sed
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2003 Secondary Delivery Vo Large Non-residential Optional Service (Dir	•	V				
Monthly Basic Charge						
Single Phase	0	bills	\$500.00	\$0	\$560.00	\$0
Three Phase	24	bills	\$500.00	\$12,000	\$560.00	\$13,440
Transmission & Related Services Charge						
On-peak	22,540	kW		\$0		\$0
Off-peak	172	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	4,800	faccap	\$3.39	\$16,272	\$3.17	\$15,216
Block 2 (over 200 kW)	21,708	faccap	\$2.49	\$54,053	\$1.97	\$42,765
Distribution Demand Charge						
On-peak	22,540	kW	\$2.68	\$60,407	\$2.61	\$58,829
Off-peak	172	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	11,734	MWh	(0.15) mill	ls (\$1,760)	(0.28) mills	(\$3,286)
Reactive Power Charge	5,614	kVar	\$0.50	\$2,807	\$0.50	\$2,807
Energy Charge (not applicable)		MWh	mill	ls \$0	mills	\$0
Schedule 129	11,734	MWh	0.00 mill	ls \$0	0.00 mills	\$0
Totals	11,734	MWh		\$143,779		\$129,772
				Change		(\$14,007)

	Billing		C	urrent	Propo	sed
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2010 Secondary Delivery Vo Large Non-residential Optional Service (Dir	•	V				
Monthly Basic Charge						
Single Phase	0	bills	\$0.00	\$0	\$560.00	\$0
Three Phase	96	bills	\$500.00	\$48,000	\$560.00	\$53,760
Transmission & Related Services Charge						
On-peak	59,970	kW		\$0		\$0
Off-peak	269	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	19,200	faccap	\$3.39	\$65,088	\$3.17	\$60,864
Block 2 (over 200 kW)	58,871	faccap	\$2.49	\$146,589	\$1.97	\$115,976
Distribution Demand Charge						
On-peak	59,970	kW	\$2.68	\$160,720	\$2.61	\$156,522
Off-peak	269	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	32,240	MWh	(0.15) mil	lls (\$4,836)	(0.28) mills	(\$9,027)
Reactive Power Charge	5,957	kVar	\$0.50	\$2,979	\$0.50	\$2,979
Energy Charge (not applicable)		MWh	mil	lls \$0	mills	\$0
Schedule 129	32,240	MWh	0.00 mil	lls \$0	0.00 mills	\$0
Totals	32,240	MWh		\$418,539		\$381,073
				Change		(\$37,466)

	Billing		C	urrent	Proposed		
Schedule	Determinant	Units	Price	Revenues	Price	Revenues	
Schedule 485 V2011 Secondary Delivery Vo Large Non-residential Optional Service (Dir	•	V					
Monthly Basic Charge							
Single Phase	0	bills	\$0.00	\$0	\$560.00	\$0	
Three Phase	96	bills	\$500.00	\$48,000	\$560.00	\$53,760	
Transmission & Related Services Charge							
On-peak	70,528	kW		\$0		\$0	
Off-peak	195	kW		\$0		\$0	
Distribution Facilities Charge							
Block 1 (first 200 kW)	19,200	faccap	\$3.39	\$65,088	\$3.17	\$60,864	
Block 2 (over 200 kW)	71,825	faccap	\$2.49	\$178,844	\$1.97	\$141,495	
Distribution Demand Charge							
On-peak	70,528	kW	\$2.68	\$189,015	\$2.61	\$184,078	
Off-peak	195	kW	\$0.00	\$0	\$0.00	\$0	
System Usage Charge	34,163	MWh	(0.15) mil	lls (\$5,124)	(0.28) mills	(\$9,566)	
Reactive Power Charge	4,311	kVar	\$0.50	\$2,156	\$0.50	\$2,156	
Energy Charge (not applicable)		MWh	mil	lls \$0	mills	\$0	
Schedule 129	34,163	MWh	0.00 mil	lls \$0	0.00 mills	\$0	
Totals	34,163	MWh		\$477,978		\$432,787	
				Change		(\$45,191)	

	Billing		Cu	ırrent	Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2012 Secondary Delivery V Large Non-residential Optional Service (Di	•	V				
Monthly Basic Charge						
Single Phase	0	bills	\$0.00	\$0	\$560.00	\$0
Three Phase	1,188	bills	\$500.00	\$594,000	\$560.00	\$665,280
Transmission & Related Services Charge						
On-peak	417,254	kW		\$0		\$0
Off-peak	3,457	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	237,600	faccap	\$3.39	\$805,464	\$3.17	\$753,192
Block 2 (over 200 kW)	299,709	faccap	\$2.49	\$746,275	\$1.97	\$590,427
Distribution Demand Charge						
On-peak	417,254	kW	\$2.68	\$1,118,241	\$2.61	\$1,089,033
Off-peak	3,457	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	192,487	MWh	(0.15) mill	s (\$28,873)	(0.28) mills	(\$53,896)
Reactive Power Charge	25,204	kVar	\$0.50	\$12,602	\$0.50	\$12,602
Energy Charge (not applicable)		MWh	mill	s \$0	mills	\$0
Schedule 129	192,487	MWh	0.00	\$0	0.00	\$0
Totals	192,487	MWh		\$3,247,709		\$3,056,637
				Change		(\$191,072)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2013 Secondary Delivery Vo Large Non-residential Optional Service (Dir	•	V				
Monthly Basic Charge						
Single Phase	0	bills	\$0.00	\$0	\$560.00	\$0
Three Phase	384	bills	\$500.00	\$192,000	\$560.00	\$215,040
Transmission & Related Services Charge						
On-peak	205,520	kW		\$0		\$0
Off-peak	521	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	76,800	faccap	\$3.39	\$260,352	\$3.17	\$243,456
Block 2 (over 200 kW)	187,580	faccap	\$2.49	\$467,074	\$1.97	\$369,533
Distribution Demand Charge						
On-peak	205,520	kW	\$2.68	\$550,794	\$2.61	\$536,407
Off-peak	521	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	107,529	MWh	(0.15) mills	s (\$16,129)	(0.28) mills	(\$30,108)
Reactive Power Charge	10,503	kVar	\$0.50	\$5,252	\$0.50	\$5,252
Energy Charge (not applicable)		MWh	mills	s \$0	mills	\$0
Schedule 129	107,529	MWh	0.00	\$0	0.00	\$0
Totals	107,529	MWh		\$1,459,342		\$1,339,579
				Change		(\$119,763)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2014 Secondary Delivery Vo Large Non-residential Optional Service (Dir	•	V				
Monthly Basic Charge						
Single Phase	0	bills	\$0.00	\$0	\$560.00	\$0
Three Phase	36	bills	\$500.00	\$18,000	\$560.00	\$20,160
Transmission & Related Services Charge						
On-peak	22,476	kW		\$0		\$0
Off-peak	306	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	7,200	faccap	\$3.39	\$24,408	\$3.17	\$22,824
Block 2 (over 200 kW)	20,821	faccap	\$2.49	\$51,844	\$1.97	\$41,017
Distribution Demand Charge						
On-peak	22,476	kW	\$2.68	\$60,236	\$2.61	\$58,662
Off-peak	306	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	10,866	MWh	(0.15) mills	s (\$1,630)	(0.28) mills	(\$3,043)
Reactive Power Charge	3,675	kVar	\$0.50	\$1,838	\$0.50	\$1,838
Energy Charge (not applicable)		MWh	mills	s \$0	mills	\$0
Schedule 129	10,866	MWh	11.54	\$125,395	0.00	\$0
Totals	10,866	MWh		\$280,091		\$141,459
				Change		(\$138,632)

	Billing		Cur	rent	Proposed				
Schedule	Determinant	Units	Price	Revenues	Price	Revenues			
Schedule 485 V2015 Secondary Delivery Voltage 201 to 4,000 kW Large Non-residential Standard Service (Direct Access)									
Monthly Basic Charge									
Single Phase		bills	\$500.00	\$0	\$560.00	\$0			
Three Phase	12	bills	\$500.00	\$6,000	\$560.00	\$6,720			
Transmission & Related Services Charge									
On-peak	10,533	kW		\$0		\$0			
Off-peak	6	kW		\$0		\$0			
Distribution Facilities Charge									
First 200 kW	2,400	faccap	\$3.39	\$8,136	\$3.17	\$7,608			
Over 200 kW	8,988	faccap	\$2.49	\$22,380	\$1.97	\$17,706			
Distribution Demand Charge									
On-peak	10,533	kW	\$2.68	\$28,228	\$2.61	\$27,491			
Off-peak	6	kW	\$0.00	\$0	\$0.00	\$0			
System Usage Charge	4,779	MWh	(0.15) mills	(\$717) mi	ills (0.28)	(\$1,338)			
Reactive Power Charge	2,678	kVar	\$0.50	\$1,339	\$0.50	\$1,339			
Energy Charge (not applicable)			mills		m	ills			
Schedule 129	4,779	MWh	23.47	\$112,160	21.72	\$103,797			
Totals	4,779	MWh		\$177,527		\$163,323			
	.,	******	Char			7.55,320			
			0.10.1	·g-		(\$14,203)			
						(+::,=00)			

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2016 Secondary Delivery V Large Non-residential Optional Service (Di		N				
Monthly Basic Charge						
Single Phase	0	bills	\$0.00	\$0	\$560.00	\$0
Three Phase	84	bills	\$500.00	\$42,000	\$560.00	\$47,040
Transmission & Related Services Charge						
On-peak	22,340	kW		\$0		\$0
Off-peak	41	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	16,800	faccap	\$3.39	\$56,952	\$3.17	\$53,256
Block 2 (over 200 kW)	8,771	faccap	\$2.49	\$21,840	\$1.97	\$17,279
Distribution Demand Charge						
On-peak	22,340	kW	\$2.68	\$59,871	\$2.61	\$58,307
Off-peak	41	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	12,453	MWh	(0.15) mi	lls (\$1,868)	(0.28) mills	(\$3,487)
Reactive Power Charge	649	kVar	\$0.50	\$325	\$0.50	\$325
Energy Charge (not applicable)		MWh	mi	lls \$0	mills	\$0
Schedule 129	12,453	MWh	30.41	\$378,683	28.66	\$356,891
Totals	12,453	MWh		\$557,802		\$529,611
				Change		(\$28,192)
Schedule 485 V2017 Secondary Delivery V Large Non-residential Optional Service (Di	-	V				
Monthly Basic Charge						
Single Phase	0	bills	\$0.00	\$0	\$560.00	\$0
Three Phase	456	bills	\$500.00	\$228,000	\$560.00	\$255,360
Transmission & Related Services Charge						
On-peak		kW		\$0		\$0
Off-peak		kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	91,200	faccap	\$3.39	\$309,168	\$3.17	\$289,104
Block 2 (over 200 kW)	157,390	faccap	\$2.49	\$391,901	\$1.97	\$310,058
Distribution Demand Charge						
On-peak	192,582	kW	\$2.68	\$516,120	\$2.61	\$502,639

	Billing		Cı	urrent	Proposed		
Schedule	Determinant	Units	Price	Revenues		Revenues	
Off-peak	1,314	kW	\$0.00	\$0	\$0.00	\$0	
System Usage Charge	104,545	MWh	(0.15) mil	ls (\$15,682)	(0.28) mills	(\$29,273)	
Reactive Power Charge	5,548	kVar	\$0.50	\$2,774	\$0.50	\$2,774	
Energy Charge (not applicable)		MWh	mil	ls \$0	mills	\$0	
Schedule 129	104,545	MWh	31.13	\$3,254,487	28.46	\$2,975,351	
Totals		MWh		\$4,686,768		\$4,306,014	
				Change		(\$380,754)	
Schedule 485 V2018 Secondary Delivery V Large Non-residential Optional Service (Di		V					
Monthly Basic Charge Single Phase Three Phase	0 312	bills bills	\$0.00 \$500.00	\$0 \$156,000	\$560.00 \$560.00	\$0 \$174,720	
	312	Dillo	ψ300.00	ψ100,000	ψ300.00	ψ174,720	
Transmission & Related Services Charge On-peak		kW		\$0		\$0	
Off-peak		kW		\$0		\$0	
Distribution Facilities Charge							
Block 1 (first 200 kW) Block 2 (over 200 kW)	62,400 108,648	faccap faccap	\$3.39 \$2.49	\$211,536 \$270,534	\$3.17 \$1.97	\$197,808 \$214,037	
,	•	·	·	, ,	·	, ,	
Distribution Demand Charge On-peak	81,203	kW	\$2.68	\$217,624	\$2.61	\$211,940	
Off-peak	52,953	kW	\$0.00	\$0	\$0.00	\$0	
System Usage Charge	63,692	MWh	(0.15) mil	ls (\$9,554)	(0.28) mills	(\$17,834)	
Reactive Power Charge	12,120	kVar	\$0.50	\$6,060	\$0.50	\$6,060	
Energy Charge (not applicable)		MWh	mil	ls \$0	mills	\$0	
Schedule 129	63,692	MWh	33.39	\$2,126,674	30.72	\$1,956,616	
Totals	63,692	MWh		\$2,978,873		\$2,743,347	
				Change		(\$235,527)	

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2019 Secondary Delivery V Large Non-residential Optional Service (D		V				
Monthly Basic Charge						
Single Phase	0	bills	\$0.00	\$0	\$560.00	\$0
Three Phase	108	bills	\$500.00	\$54,000	\$560.00	\$60,480
Transmission & Related Services Charge						
On-peak		kW		\$0		\$0
Off-peak		kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	21,600	faccap	\$3.39	\$73,224	\$3.17	\$68,472
Block 2 (over 200 kW)	28,443	faccap	\$2.49	\$70,823	\$1.97	\$56,033
Distribution Demand Charge						
On-peak	39,250	kW	\$2.68	\$105,190	\$2.61	\$102,443
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	20,614	MWh	(0.15) mil	lls (\$3,092)	(0.28) mills	(\$5,772)
Reactive Power Charge	714	kVar	\$0.50	\$357	\$0.50	\$357
Energy Charge (not applicable)		MWh	mil	lls \$0	mills	\$0
Schedule 129	20,614	MWh	29.72	\$612,651	29.72	\$612,651
Totals	20,614	MWh		\$913,153		\$894,663
				Change		(\$18,490)
Schedule 489 V2014 Secondary Delivery V Large Non-residential Standard Service (D	_	ı				
Monthly Basic Charge	12	bills	\$3,160.00	\$37,920	\$3,340.00	\$40,080
Transmission & Related Services Charge						
On-peak	42,817	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.59	\$19,080	\$1.53	\$18,360
1,001 to 4,000 kW	36,000	faccap	\$1.59	\$57,240	\$1.53	\$55,080
Over 4,000 kW	41,172	faccap	\$1.28	\$52,700	\$1.22	\$50,230
Distribution Demand Charge						
On-peak	42,817	kW	\$2.68	\$114,750	\$2.61	\$111,752

	Billing		Cur	rrent	Propo	sed
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	13,482	MWh	(0.05) mills	(\$674)	(0.14) mills	(\$1,887)
Reactive Power Charge	9,541	kVar	\$0.50	\$4,771	\$0.50	\$4,771
Energy Charge (not applicable)			mills	3	mills	
Schedule 129	13,482	MWh	4.83 mills	\$65,118	0.00 mills	\$0
Totals	13,482			\$350,904		\$278,385
				Change		(\$72,519)

	Billing			rrent	Prop		
Schedule	Determinant	Units	Price	Revenues	Price	Revenues	
Schedule 485 V2010 Primary Delivery Voltage 201 to 4,000 kW Large Non-residential Standard Service (Direct Access)							
Monthly Basic Charge	12	bills	\$470.00	\$5,640	\$470.00	\$5,640	
Transmission & Related Services Charge On-peak Off-peak	44,256 0	kW kW		\$0 \$0		\$0 \$0	
Distribution Facilities Charge Block 1 (first 200 kW) Block 2 (over 200 kW)	2,400 45,768	faccap faccap	\$3.14 \$2.24	\$7,536 \$102,520	\$3.10 \$1.90	\$7,440 \$86,959	
Distribution Demand Charge On-peak Off-peak	44,256 0	kW kW	\$2.60 \$0.00	\$115,066 \$0	\$2.53 \$0.00	\$111,968 \$0	
System Usage Charge	24,415	MWh	(0.16) mills	s (\$3,906)	(0.29) mills	(\$7,080)	
Reactive Power Charge	11,460	kVar	\$0.50	\$5,730	\$0.50	\$5,730	
Energy Charge (not applicable)			mills	s	mills		
Schedule 129	24,415	MWh	0.00 mills	s \$0	0.00 mills	\$0	
Totals	24,415			\$232,585		\$210,656	
				Change		(\$21,929)	

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2012 Primary Delivery Volta Large Non-residential Standard Service (Di	•	,				
Monthly Basic Charge	60	bills	\$470.00	\$28,200	\$470.00	\$28,200
Transmission & Related Services Charge On-peak Off-peak	76,469 45	kW kW		\$0 \$0		\$0 \$0
Distribution Facilities Charge Block 1 (first 200 kW) Block 2 (over 200 kW)	12,000 64,514	faccap faccap	\$3.14 \$2.24	\$37,680 \$144,511	\$3.10 \$1.90	\$37,200 \$122,577
Distribution Demand Charge On-peak Off-peak	76,469 0	kW kW	\$2.60 \$0.00	\$198,819 \$0	\$2.53 \$0.00	\$193,467 \$0
System Usage Charge	35,086	MWh	(0.16) mills	s (\$5,614)	(0.29) mills	(\$10,175)
Reactive Power Charge	1,848	kVar	\$0.50	\$924	\$0.50	\$924
Energy Charge (not applicable)			mills	s	mills	
Schedule 129	35,086	MWh	0.00 mills	s \$0	0.00 mills	\$0
Totals	35,086			\$404,521		\$372,192
				Change		(\$32,329)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2013 Primary Delivery Volta Large Non-residential Standard Service (Di	•	,				
Monthly Basic Charge	336	bills	\$470.00	\$157,920	\$470.00	\$157,920
Transmission & Related Services Charge On-peak Off-peak	269,885 626	kW kW		\$0 \$0		\$0 \$0
Distribution Facilities Charge Block 1 (first 200 kW) Block 2 (over 200 kW)	67,200 203,310	faccap faccap	\$3.14 \$2.24	\$211,008 \$455,414	\$3.10 \$1.90	\$208,320 \$386,289
Distribution Demand Charge On-peak Off-peak	269,885 626	kW kW	\$2.60 \$0.00	\$701,701 \$0	\$2.53 \$0.00	\$682,809 \$0
System Usage Charge	128,740	MWh	(0.16) mills	(\$20,598)	(0.29) mills	(\$37,335)
Reactive Power Charge	36,474	kVar	\$0.50	\$18,237	\$0.50	\$18,237
Energy Charge (not applicable)			mills	S	mills	
Schedule 129	128,740	MWh	0.00	\$0	0.00	\$0
Totals				\$1,523,682		\$1,416,240
				Change		(\$107,442)

	Billing		Current		Proposed Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2014 Primary Delivery Volta Large Non-residential Standard Service (Di	•	,				
Monthly Basic Charge	24	bills	\$470.00	\$11,280	\$470.00	\$11,280
Transmission & Related Services Charge On-peak Off-peak	15,663 33	kW kW		\$0 \$0		\$0 \$0
Distribution Facilities Charge Block 1 (first 200 kW) Block 2 (over 200 kW)	4,800 10,896	faccap faccap	\$3.14 \$2.24	\$15,072 \$24,407	\$3.10 \$1.90	\$14,880 \$20,702
Distribution Demand Charge On-peak Off-peak	15,663 33	kW kW	\$2.60 \$0.00	\$40,724 \$0	\$2.53 \$0.00	\$39,627 \$0
System Usage Charge	8,879	MWh	(0.16) mills	s (\$1,421)	(0.29) mills	(\$2,575)
Reactive Power Charge	2,931	kVar	\$0.50	\$1,466	\$0.50	\$1,466
Energy Charge (not applicable)			mills	s	mills	
Schedule 129	8,879	MWh	11.47	\$101,838	0.00	\$0
Totals				\$193,366		\$85,380
				Change		(\$107,986)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2015 Primary Delivery Volta Large Non-residential Standard Service (Di	•	,				
Monthly Basic Charge	24	bills	\$470.00	\$11,280	\$470.00	\$11,280
Transmission & Related Services Charge On-peak Off-peak	73,223 0	kW kW		\$0 \$0		\$0 \$0
Distribution Facilities Charge Block 1 (first 200 kW) Block 2 (over 200 kW)	4,800 73,513	faccap faccap	\$3.14 \$2.24	\$15,072 \$164,669	\$3.10 \$1.90	\$14,880 \$139,675
Distribution Demand Charge On-peak Off-peak	73,223 0	kW kW	\$2.60 \$0.00	\$190,380 \$0	\$2.53 \$0.00	\$185,254 \$0
System Usage Charge	35,096	MWh	(0.16) mills	(\$5,615)	(0.29) mills	(\$10,178)
Reactive Power Charge	9,359	kVar	\$0.50	\$4,680	\$0.50	\$4,680
Energy Charge (not applicable)			mills	6	mills	
Schedule 129	35,096	MWh	23.26	\$816,334	21.53	\$755,618
Totals	35,096	MWh		\$1,196,799		\$1,101,209
				Change		(\$95,591)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price R	levenues	Price R	evenues
Schedule 485 V2016 Primary Delivery Volta Large Non-residential Standard Service (D	•	1				
Monthly Basic Charge	0	bills	\$470.00	\$0	\$470.00	\$0
Transmission & Related Services Charge						
On-peak	0	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	0	faccap	\$3.14	\$0	\$3.10	\$0
Block 2 (over 200 kW)	0	faccap	\$2.24	\$0	\$1.90	\$0
Distribution Demand Charge						
On-peak	0	kW	\$2.60	\$0	\$2.53	\$0
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	0	MWh	(0.16) mills	\$0	(0.29) mills	\$0
Reactive Power Charge	0	kVar	\$0.50	\$0	\$0.50	\$0
Energy Charge (not applicable)			mills		mills	
Schedule 129	0	MWh	30.07	\$0	28.34	\$0
Totals	0	MWh		\$0		\$0
				•		\$0
				Change		ΦU
Schedule 485 V2017 Primary Delivery Volta Large Non-residential Standard Service (D		ı				
Monthly Basic Charge	96	bills	\$470.00	\$45,120	\$470.00	\$45,120
Transmission & Related Services Charge						
On-peak	112,749	kW		\$0		\$0
Off-peak	100	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	19,200	faccap	\$3.14	\$60,288	\$3.10	\$59,520
Block 2 (over 200 kW)	93,649	faccap	\$2.24	\$209,774	\$1.90	\$177,933
Distribution Demand Charge						
On-peak	112,749	kW	\$2.60	\$293,147	\$2.53	\$285,255
Off-peak	100	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	65,259	MWh	(0.16) mills	(\$10,441)	(0.29) mills	(\$18,925)

	Billing		Cı	urrent	Proposed		
Schedule	Determinant	Units	Price	Revenues	Price	Revenues	
Reactive Power Charge	12,227	kVar	\$0.50	\$6,114	\$0.50	\$6,114	
Energy Charge (not applicable)			mil	lls	mills	s	
Schedule 129	65,259	MWh	30.63	\$1,998,877	28.00	\$1,827,247	
Totals	65,259	MWh		\$2,602,879		\$2,382,263	
				Change		(\$220,615)	
Schedule 485 V2018 Primary Delivery Volta Large Non-residential Standard Service (D	•	V					
Monthly Basic Charge	12	bills	\$470.00	\$5,640	\$470.00	\$5,640	
Transmission & Related Services Charge On-peak Off-peak	22,453 0	kW kW		\$0 \$0		\$0 \$0	
Distribution Facilities Charge Block 1 (first 200 kW) Block 2 (over 200 kW)	2,400 26,472	faccap faccap	\$3.14 \$2.24	\$7,536 \$59,297	\$3.10 \$1.90	\$7,440 \$50,297	
Distribution Demand Charge On-peak Off-peak	22,453 0	kW kW	\$2.60 \$0.00	\$58,378 \$0	\$2.53 \$0.00	\$56,806 \$0	
System Usage Charge	12,047	MWh	(0.16) mil	lls (\$1,928)	(0.29) mills	s (\$3,494)	
Reactive Power Charge	0	kVar	\$0.50	\$0	\$0.50	\$0	
Energy Charge (not applicable)			mil	lls	mills	s	
Schedule 129	12,047	MWh	32.94	\$396,826	30.31	\$365,142	
Totals	12,047	MWh		\$525,749		\$481,832	
				Change		(\$43,918)	

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 485 V2019 Primary Delivery Volt Large Non-residential Standard Service (D						
Monthly Basic Charge	24	bills	\$470.00	\$11,280	\$470.00	\$11,280
Transmission & Related Services Charge						
On-peak	59,353	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	4,800	faccap	\$3.14	\$15,072	\$3.10	\$14,880
Block 2 (over 200 kW)	69,228	faccap	\$2.24	\$155,071	\$1.90	\$131,533
Distribution Demand Charge						
On-peak	59,353	kW	\$2.60	\$154,318	\$2.53	\$150,163
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	21,816	MWh	(0.16) mills	s (\$3,491)	(0.29) mills	(\$6,327)
Reactive Power Charge	9,292	kVar	\$0.50	\$4,646	\$0.50	\$4,646
Energy Charge (not applicable)			mills		mills	
Schedule 129	21,816	MWh	29.58	\$645,317	29.58	\$645,317
Totals	21,816	MWh		\$982,213		\$951,493
			(\$30,720)			
Schedule 489 V2004 Primary Delivery Volt Large Non-residential Standard Service (D	•					
Monthly Basic Charge	12	bills	\$1,770.00	\$21,240	\$1,890.00	\$22,680
Transmission & Related Services Charge						
On-peak	128,295	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.55	\$18,600	\$1.49	\$17,880
1,001 to 4,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
Over 4,000 kW	93,240	faccap	\$1.24	\$115,618	\$1.18	\$110,023
Distribution Demand Charge						
On-peak	128,295	kW	\$2.60	\$333,567	\$2.53	\$324,586
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0

	Billing		Cur	rent	Propo	sed
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
System Usage Charge	75,020	MWh	(0.05) mills	(\$3,751)	(0.15) mills	(\$11,253)
Reactive Power Charge	35,972	kVar	\$0.50	\$17,986	\$0.50	\$17,986
Energy Charge (not applicable)			mills		mills	
Schedule 129	75,020	MWh	0.00 mills	\$0	0.00 mills	\$0
Totals	75,020			\$559,060		\$535,543
				Change		(\$23,517)

	Billing		Cui	rrent	Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 489 V2010 Primary Delivery Voltag Large Non-residential Standard Service (Dir	•					
Monthly Basic Charge	12	bills	\$1,770.00	\$21,240	\$1,890.00	\$22,680
Transmission & Related Services Charge						
On-peak	142,095	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.55	\$18,600	\$1.49	\$17,880
1,001 to 4,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
Over 4,000 kW	106,284	faccap	\$1.24	\$131,792	\$1.18	\$125,415
Distribution Demand Charge						
On-peak	142,095	kW	\$2.60	\$369,447	\$2.53	\$359,500
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	73,367	MWh	(0.05) mills	(\$3,668)	(0.15) mills	(\$11,005)
Reactive Power Charge	44,824	kVar	\$0.50	\$22,412	\$0.50	\$22,412
Energy Charge (not applicable)			mills	6	mills	
Schedule 129	73,367	MWh	0.00 mills	\$0	0.00 mills	\$0
Totals	73,367			\$615,623		\$590,522
				Change		(\$25,100)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 489 V2011 Primary Delivery Volta Large Non-residential Standard Service (Di	•					
Monthly Basic Charge	24	bills	\$1,770.00	\$42,480	\$1,890.00	\$45,360
Transmission & Related Services Charge						
On-peak	263,601	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	24,000	faccap	\$1.55	\$37,200	\$1.49	\$35,760
1,001 to 4,000 kW	72,000	faccap	\$1.55	\$111,600	\$1.49	\$107,280
Over 4,000 kW	190,320	faccap	\$1.24	\$235,997	\$1.18	\$224,578
Distribution Demand Charge						
On-peak	263,601	kW	\$2.60	\$685,363	\$2.53	\$666,911
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	179,170	MWh	(0.05) mills	s (\$8,958)	(0.15) mills	(\$26,875)
Reactive Power Charge	34,160	kVar	\$0.50	\$17,080	\$0.50	\$17,080
Energy Charge (not applicable)			mills	S	mills	
Schedule 129	179,170	MWh	0.00 mills	s \$0	0.00 mills	\$0
Totals	179,170	MWh		\$1,120,761		\$1,070,093
				Change		(\$50,668)

	Billing		Cu	rrent	Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 489 V2012 Primary Delivery Voltage Non-residential Standard Service (Dia	•					
Monthly Basic Charge	36	bills	\$1,770.00	\$63,720	\$1,890.00	\$68,040
Transmission & Related Services Charge						
On-peak	170,006	kW		\$0		\$0
Off-peak	46	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
1,001 to 4,000 kW	108,000	faccap	\$1.55	\$167,400	\$1.49	\$160,920
Over 4,000 kW	54,825	faccap	\$1.24	\$67,983	\$1.18	\$64,694
Distribution Demand Charge						
On-peak	170,006	kW	\$2.60	\$442,016	\$2.53	\$430,115
Off-peak	46	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	87,123	MWh	(0.05) mills	s (\$4,356)	(0.15) mills	(\$13,068)
Reactive Power Charge	2,846	kVar	\$0.50	\$1,423	\$0.50	\$1,423
Energy Charge (not applicable)			mills	S	mills	
Schedule 129	87,123	MWh	0.00 mills	s \$0	0.00 mills	\$0
Totals	87,123	MWh		\$793,985		\$765,763
				Change		(\$28,222)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 489 V2013 Primary Delivery Volta Large Non-residential Standard Service (Di	•					
Monthly Basic Charge	12	bills	\$1,770.00	\$21,240	\$1,890.00	\$22,680
Transmission & Related Services Charge						
On-peak	89,545	kW		\$0		\$0
Off-peak	31	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.55	\$18,600	\$1.49	\$17,880
1,001 to 4,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
Over 4,000 kW	49,932	faccap	\$1.24	\$61,916	\$1.18	\$58,920
Distribution Demand Charge						
On-peak	89,545	kW	\$2.60	\$232,817	\$2.53	\$226,549
Off-peak	31	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	56,400	MWh	(0.05) mills	(\$2,820)	(0.15) mills	(\$8,460)
Reactive Power Charge	203	kVar	\$0.50	\$102	\$0.50	\$102
Energy Charge (not applicable)			mills	;	mills	
Schedule 129	56,400	MWh	0.00	\$0	0.00	\$0
Totals		MWh		\$387,654		\$371,310
				Change		(\$16,344)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 489 V2014 Primary Delivery Volta Large Non-residential Standard Service (Di	•					
Monthly Basic Charge	12	bills	\$1,770.00	\$21,240	\$1,890.00	\$22,680
Transmission & Related Services Charge						
On-peak	102,973	kW		\$0		\$0
Off-peak	222	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.55	\$18,600	\$1.49	\$17,880
1,001 to 4,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
Over 4,000 kW	63,900	faccap	\$1.24	\$79,236	\$1.18	\$75,402
Distribution Demand Charge						
On-peak	102,973	kW	\$2.60	\$267,730	\$2.53	\$260,522
Off-peak	222	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	68,114	MWh	(0.05) mills	(\$3,406)	(0.15) mills	(\$10,217)
Reactive Power Charge	1,298	kVar	\$0.50	\$649	\$0.50	\$649
Energy Charge (not applicable)			mills	3	mills	
Schedule 129	68,114	MWh	9.21	\$627,334	0.00	\$0
Totals		MWh		\$1,067,183		\$420,556
				Change		(\$646,628)

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 489 V2016 Primary Delivery Vol Large Non-residential Standard Service (I						
Monthly Basic Charge	12	bills	\$1,770.00	\$21,240	\$1,890.00	\$22,680
Transmission & Related Services Charge						
On-peak	98,417	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.55	\$18,600	\$1.49	\$17,880
1,001 to 4,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
Over 4,000 kW	51,106	faccap	\$1.24	\$63,371	\$1.18	\$60,305
Distribution Demand Charge						
On-peak	98,417	kW	\$2.60	\$255,884	\$2.53	\$248,995
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	66,250	MWh	(0.05) mills	(\$3,312)	(0.15) mills	(\$9,937)
Reactive Power Charge	0	kVar	\$0.50	\$0	\$0.50	\$0
Energy Charge (not applicable)			mills		mills	3
Schedule 129	66,250	MWh	27.62	\$1,829,822	26.05	\$1,725,810
Totals	66,250	MWh		\$2,241,405		\$2,119,373
				Change		(\$122,033)
Schedule 489 V2017 Primary Delivery Vol Large Non-residential Standard Service (I	- ·					
Monthly Basic Charge	24	bills	\$1,770.00	\$42,480	\$1,890.00	\$45,360
Transmission & Related Services Charge						
On-peak	228,766	kW		\$0		\$0
Off-peak	596	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	24,000	faccap	\$1.55	\$37,200	\$1.49	\$35,760
1,001 to 4,000 kW	72,000	faccap	\$1.55	\$111,600	\$1.49	\$107,280
Over 4,000 kW	156,890	faccap	\$1.24	\$194,544	\$1.18	\$185,130
Distribution Demand Charge						
On-peak	228,766	kW	\$2.60	\$594,792	\$2.53	\$578,778
Off-peak	596	kW	\$0.00	\$0	\$0.00	\$0

	Billing		Current		Proposed	
Schedule	Determinant	Units	Price F	Revenues	Price R	evenues
System Usage Charge	143,156	MWh	(0.05) mills	(\$7,158)	(0.15) mills	(\$21,473)
Reactive Power Charge	55,222	kVar	\$0.50	\$27,611	\$0.50	\$27,611
Energy Charge (not applicable)			mills		mills	
Schedule 129	143,156	MWh	28.47	\$4,075,642	26.05	\$3,729,205
Totals	143,156	MWh		\$5,076,710		\$4,687,651
			C	Change		(\$389,059)
Schedule 489 V2018 Primary Delivery Volt- Large Non-residential Standard Service (D	•					
Monthly Basic Charge	24	bills	\$1,770.00	\$42,480	\$1,890.00	\$45,360
Transmission & Related Services Charge On-peak Off-peak	253,351 20	kW kW		\$0 \$0		\$0 \$0
Distribution Facilities Charge First 1,000 kW 1,001 to 4,000 kW Over 4,000 kW	24,000 72,000 178,446	faccap faccap faccap	\$1.55 \$1.55 \$1.24	\$37,200 \$111,600 \$221,273	\$1.49 \$1.49 \$1.18	\$35,760 \$107,280 \$210,566
Distribution Demand Charge On-peak Off-peak	253,351 20	kW kW	\$2.60 \$0.00	\$658,713 \$0	\$2.53 \$0.00	\$640,978 \$0
System Usage Charge	166,555	MWh	(0.05) mills	(\$8,328)	(0.15) mills	(\$24,983)
Reactive Power Charge	31,808	kVar	\$0.50	\$15,904	\$0.50	\$15,904
Energy Charge (not applicable)			mills		mills	
Schedule 129	166,555	MWh	29.53	\$4,918,360	27.11	\$4,515,297
Totals	166,555	MWh		\$5,997,202		\$5,546,162
			C	Change		(\$451,039)
Schedule 489 V2019 Primary Delivery Volt. Large Non-residential Standard Service (D						
Monthly Basic Charge	12	bills	\$1,770.00	\$21,240	\$1,890.00	\$22,680

	Billing		Curre	ent	Proposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Transmission & Related Services Charge						
On-peak	69,873	kW		\$0		\$0
Off-peak	80	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.55	\$18,600	\$1.49	\$17,880
1,001 to 4,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
Over 4,000 kW	26,844	faccap	\$1.24	\$33,287	\$1.18	\$31,676
Distribution Demand Charge						
On-peak	69,873	kW	\$2.60	\$181,670	\$2.53	\$176,779
Off-peak	80	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	45,879	MWh	(0.05) mills	(\$2,294)	(0.15) mills	(\$6,882)
Reactive Power Charge	12,928	kVar	\$0.50	\$6,464	\$0.50	\$6,464
Energy Charge (not applicable)			mills		mills	
Schedule 129	45,879	MWh	25.76	\$1,181,852	25.76	\$1,181,852
Totals	45,879	MWh		\$1,496,618		\$1,484,088
				Change		(\$12,530)
Schedule 489 V2007 Subtransmission Deli Large Non-residential Standard Service (D		000 kW				
Monthly Basic Charge	12	bills	\$3,850.00	\$46,200	\$3,970.00	\$47,640
Transmission & Related Services Charge						
On-peak	10,708	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	48,000	faccap	\$1.55	\$74,400	\$1.49	\$71,520
1,001 to 4,000 kW	12	faccap	\$1.55	\$19	\$1.49	\$18
Over 4,000 kW	0	faccap	\$1.24	\$0	\$1.18	\$0
Distribution Demand Charge						
On-peak	10,708	kW	\$1.26	\$13,492	\$1.27	\$13,599
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	1,733	MWh	(0.06) mills	(\$104)	(0.15) mills	(\$260)
Reactive Power Charge	890	kVar	\$0.50	\$445	\$0.50	\$445

	Billing		Cur	rent	Propo	sed
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Energy Charge (not applicable)			mills		mills	
Schedule 129	1,733	MWh	0.00 mills	\$0	0.00 mills	\$0
Totals	1,733	MWh		\$134,452		\$132,962
				Change		(\$1,490)

	Billing		Cu	ırrent	Prop	osed
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 489 V2012 Subtransmission Deliv Large Non-residential Standard Service (Dir		000 kW				
Monthly Basic Charge	12	bills	\$3,850.00	\$46,200	\$3,970.00	\$47,640
Transmission & Related Services Charge						
On-peak	162,339	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.55	\$18,600	\$1.49	\$17,880
1,001 to 4,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
Over 4,000 kW	164,544	faccap	\$1.24	\$204,035	\$1.18	\$194,162
Distribution Demand Charge						
On-peak	162,339	kW	\$1.26	\$204,547	\$1.27	\$206,171
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	100,778	MWh	(0.06) mills	s (\$6,047)	(0.15) mills	(\$15,117)
Reactive Power Charge	29,693	kVar	\$0.50	\$14,847	\$0.50	\$14,847
Energy Charge (not applicable)			mills	s	mills	
Schedule 129	100,778	MWh	0.00 mills	s \$0	0.00 mills	\$0
Totals	100,778	MWh		\$537,982		\$519,222
				Change		(\$18,759)

	Billing		Cur	rent	Prop	osed
Schedule	Determinant	Units	Price	Revenues	Price	Revenues
Schedule 489 V2013 Subtransmission Deliv Large Non-residential Standard Service (Di		000 kW				
Monthly Basic Charge	12	bills	\$3,850.00	\$46,200	\$3,970.00	\$47,640
Transmission & Related Services Charge						
On-peak	198,357	kW		\$0		\$0
Off-peak	0	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	12,000	faccap	\$1.55	\$18,600	\$1.49	\$17,880
1,001 to 4,000 kW	36,000	faccap	\$1.55	\$55,800	\$1.49	\$53,640
Over 4,000 kW	168,410	faccap	\$1.24	\$208,828	\$1.18	\$198,724
Distribution Demand Charge						
On-peak	198,357	kW	\$1.26	\$249,930	\$1.27	\$251,913
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	84,661	MWh	(0.06) mills	(\$5,080)	(0.15) mills	(\$12,699)
Reactive Power Charge	182,305	kVar	\$0.50	\$91,153	\$0.50	\$91,153
Energy Charge (not applicable)			mills		mills	
Schedule 129	84,661	MWh	0.00	\$0	0.00	\$0
Totals	84,661	MWh		\$665,431		\$648,251
				Change		(\$17,181)
System DA Totals	1,999,817	MWh		\$40,656,342		\$40,289,413

	Billing			Current	Pro	oposed	
Schedule	Determinant	Units	Price	Revenues	Price	Revenues	
Summary of Revenues: Current and Pro	posed						
System COS Totals System VPO Totals System DA Totals Totals	17,312,384 0 <u>1,999,817</u> 19,312,201	MWh MWh MWh		\$1,778,702,355 \$0 \$40,656,342 \$1,819,358,698 Change		\$1,791,219,543 \$0 <u>\$40,289,413</u> \$1,831,508,956 \$12,150,258	
Revenue Category Basic Charge Revenues Transmission & Related Charges Volumetric Distribution Charges Facilities Charges Distribution Demand Charges System Usage Charges Reactive Power Charges Energy Charges Schedule 125 Schedule 122a Schedule 129 Employee Discount Totals				\$142,652,721 \$31,619,334 \$407,595,747 \$77,407,080 \$61,174,362 \$21,982,944 \$1,253,946 \$1,056,741,996 \$0 \$23,267,370 (\$944,818) \$1,822,750,682	\$0 \$0 (\$0) \$0 (\$0) \$0 \$0 \$0 \$0 \$0	\$149,279,100 \$37,271,496 \$436,042,123 \$72,623,375 \$59,589,040 \$23,800,836 \$1,253,946 \$1,031,858,698 \$0 \$0 \$20,750,795 (\$960,453) \$1,831,508,956	\$0 \$0 \$0 (\$0) (\$0) \$0 (\$0) \$0 \$0 \$0 (\$0)
Reconcile to Cycle-adjusted Revenue Requ Delta Employee Discount (difference betwe Rounding of Prices Total						\$0 \$0 (\$63,001) (\$36,525) \$99,526 (\$0.000)	

#### PORTLAND GENERAL ELECTRIC 2019 GRC Tariff Schedule Prices

	Schedule 7	Schedule 7 (TOU)	Schedule 15	Schedule 22	Schedule 32 (TOU)	Schedule 38	Schedule 47	Schedule 49 Si	chedule \$3-5	Schedule 85-5	Schedule 85-P	Schedule 99-5	Schedule 89-P	Schedule 89-T	Schedule 90-P	Schedule 91 Schedule 95	Schedule 92	Schedule 485-5 Schedule 585-5	Schedule 465-P Schedule 565-P	Schedule 489-S Schedule 589-S	Schedule 489-P Schedule 589-P	Schedule 499-T Schedule 599-T	Schedule 490-P Schedule 590-P	Schedule 491,495 Schedule 591,595	Schedule 492 Schedule 592	Schedule 515	Schedule 532	Schedule 538	Schedule 549	Schedule 583
Basir Charne 1-shar 3-shar	\$11.00 \$11.00	\$11.00 \$11.00		\$20.00 \$29.00	\$20.00 \$29.00	\$30.00 \$30.00	\$37.00 \$37.00	\$45.00 \$45.00	\$35.00 \$45.00	\$560.00	\$470.00	\$3,340.00	\$1,890.00	\$1,970.00	\$6,100.00			\$560.00	\$470.00	\$3,340,00	\$1,890.00	\$3,970.00	\$6,100,00				\$20.00 \$29.00	\$30.00 \$30.00	\$45.00 \$45.00	\$35.00 \$45.00
Demand	2 43 Block 2 Block 3	297 (Do-Pank) 3.97 (Mid-Pank) 0.00 (OS-Pank)	152	206	2 06	171	2 13	212	6) 79	50.70	60.76	60.70	60.76	60.76	60.76	152	159													
Pacilities Demand	Block 2 Block 3 Block 1 Block 1 Block 2	76.16 (De.Denk) 76.16 (Md-Peak) 0.09 (OS-Peak)	an 66	42 93 14.87	40 W 14EF	70.44	141 00 90 99	en oo 60.99	\$3.50 \$3.40 \$0.00 \$2.65	\$3.17 \$1.07 \$0.00 \$2.61	\$3.10 \$1.50 \$0.00 \$2.53	\$1.53 44.65 \$1.22 \$2.64	\$1.49 \$4.45 \$1.18 \$2.53	\$1.49 51.49 \$1.18 \$1.27	\$1.61 \$1.61 \$1.30 \$2.53	6100	%×	\$3.17 \$1.07 \$0.00 \$2.61	\$3.10 61 on \$0.00 \$2.53	\$1.53 64.65 \$1.22 \$2.61	\$1.49 44.40 \$1.10 \$2.53	\$1.49 64.40 \$1.10 \$1.27	\$1.61 \$1.64 \$1.30 \$2.53		97 86	40.46	40.77 11.32	ALE CAL	70 49 59.12	\$3.50 \$3.45 \$0.00 \$2.61
	60.29 60.29 70.64 Flat On-Peak Of-Peak	122.80 (Dn-Peak) 70.51 (Mid-Peak) #1.00 (PM-Deak)	48.50	58.42	122.78 (Co-Peak) 58.42 (Md-Peak) 54.60 (OK.Deak)	0.00 60.70 45.70	70.94	70.68	61.35 48.35	61.91 46.91	60.86 45.86	50.60 40.60	5773 4273	57.02 42.02	55.77 40.77	48.98	51.09													
Gustam Henna Volum	(in Dist rate)	*(in Dist rate)	No District	Nin Distrate)	"(in Dist tate)	"Vin Distrate)	Yan Distroke)	"(in Distrate)	6 99	0.97	093	1.02	0.99	0.97	0.54	"(in Dist rate)	"En Dist rate)	0.28	(0.29)	0.140	(0.15)	(0.15)	10.77	*En-Dist rate)	No Discossi	You Died raise)	Nin Distratel	You Distracted	Yin Distratel	5.44
Tariff Prices in ce Basic Charge	nts/Wh																													
Basic Charge 1-phas 3-phas	11	11		20 29	20 29	30 30	37 37	45 45	35 45	560	470	3340	1890	3970	6100			560	470	3340	1890	3970	6100				20 29	30 30	45 45	35 45
Transmission Volumet Dema	0.243	0.397 (On-Peak 0.397 (Md-Peak (Of-Peak)		0.206	0.206	0.171	0.213	0.212								0.152	0.159													
									0.78	0.78	0.76	0.78	0.76	0.75	0.76															
Distribution Value	4 1957	7 KM (On-Dank) 7 KM (Mirk-Dank) (OK-Dank)		4 717	4 717 1 487	7 041	11.000	8 090 8 090								# 100	7 675							E 200	7 790	A 245	4 077	K ROK	7 017 5 017	
Facilit									3.500 3.400	3.170 1 970	3.100 1.900	1.530 1.530 1.220	1.490 1.490 1.180	1.490 1.490 1.180	1.610 1.610 1.300			3.170 1.970	3.100 1.900	1.530 1.530 1.220	1.490 1.490 1.180	1.490 1.490 1.180								3.500 3.400
Dema									2610	2 610	2 530	2 610	2 530	1 270	2 530			2 610	2 530	2 610	2 530	1 270	2 530							2 610
Energy Volum	6 329	12:380 (On-Peakl 7 051 (Mid-Peakl 4.125 (Of-Peakl		5.842	10.375 (On-Peak) 5.842 (Md-Peak) 3.462 (Off-Peak)		7.094	7.068	6 335 4.835	6 191 4.091	6.086 4.586	5.809 4.309	5.773 4.273	5.702 4.202	5.577 4.077	4.020	5.109													
System Usage Volum 1	in Dist rate "	Vin Distra	"(in Dist rate)	Vin Dist rate)	"lin Dist rs	"(in Dist rate) "	(in Dist rate)	"(in Dist rate)	0.699	0.097	0.093	0.102	0.099	0.097	0.054	"(in Dist rate)	'(in Dist rate)	-0.028	-0.029	-0.014	-0.015	-0.015	-0.077	"Nin Dist rate)	*(in Dist rate)	"(in Dist rate)	*(in Dist rate)	"(in Dist rate) "	in Distrate)	0.544

AB	С	D	F I	F	G	Н		J	К	1	М	N	0	Р	Q	R	S	Т	U	V	W
1					Ü			<u> </u>					Ü		Q				J	V	**
2 POR1 3 2019		GENERAL ELECTRIC														Explicit/					
4	GICC I	lices				Demand	Demand									Implicit					
5			Basic	Basic	Vol. Trans	Transmission	Transmission	Volumetric	Volumetric	Volumetric				Distribution	Distribution	System	Block 1	Block 2	Block 3	Flat	On-peak
6 7 <b>Gro</b> u	oina		Charge Price 1-phase	Charge Price 3-phase	& Related Price	& Related	& Related	Dist.	Dist. Price Block 2	Dist. Price Block 3	Facilities Price Block 1	Facilities Price Block 2	Facilities Price Block 3	Demand Price Block 1	Demand Price Block 2	Usage Price	Energy Price	Energy Price	Energy Price	Energy Price	Energy Price
8	Jg		Trice 1-pilase	Trice o-priase	THEE	THE BIOCK I	THEC BIOCK 2	THEE BIOCK T	THEE BIOCK 2	THEE BIOCK S	THEE BIOCK T	THEC BIOCK 2	THEE BIOCK S	T TICE BIOCK T	THE BIOCK 2	11100	11100	1 1100	11100	11100	11100
9 Sche		5 Residential	\$11.00 \$0.00	\$11.00 \$0.00	2.43 1.52	\$0.00 \$0.00	\$0.00 \$0.00	44.44 53.55	44.44 53.55	44.44	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	2.18 10.44	63.29	63.29 0.00	70.51	0.00 48.98	0.00
11	uule 1	) Residential	φυ.υυ	φ0.00	1.52	\$0.00	φυ.υυ	33.33	55.55		φ0.00	φυ.υυ	φ0.00	φυ.υυ	φυ.υυ	10.44	0.00	0.00		40.50	0.00
12			40.00	<b>A</b> 2.22	1.50		<b>A</b> 2.22	50.55	50.55		40.00	40.00	40.00	40.00	40.00	10.11	2.22	2.22		10.00	2.22
13 Sche		5 Commercial 2	\$0.00 \$20.00	\$0.00 \$29.00	1.52 2.06	\$0.00 \$0.00	\$0.00 \$0.00	53.55 40.45	53.55 13.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	10.44 1.87	0.00	0.00		48.98 58.42	0.00
15 Sche	dule 38	3	\$30.00	\$30.00	1.71	\$0.00	\$0.00	68.07	68.07		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	2.34	0.00	0.00		0.00	60.70
16 Sche			\$37.00 \$45.00	\$37.00 \$45.00	2.13 2.12	\$0.00 \$0.00	\$0.00 \$0.00	106.84 78.28	86.84 58.28		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	4.15 2.71	0.00	0.00		70.94 70.68	0.00
18 Sche			\$35.00	\$45.00	0.00	\$0.78	\$0.00	0.00	0.00		\$3.50	\$3.40	\$0.00	\$2.61	\$0.00	6.99	0.00	0.00		70.00	63.35
19 Sche				\$560.00	0.00	\$0.78 \$0.78	\$0.00	0.00	0.00		\$3.17 \$1.53	\$1.97 \$1.53	\$0.00 \$1.22	\$2.61 \$2.61	\$0.00	0.97	0.00	0.00			61.91 58.69
21 Sche			\$0.00	\$3,340.00 \$0.00	1.52	\$0.78	\$0.00 \$0.00	61.31	0.00 61.31		\$0.00	\$0.00	\$0.00	\$2.61	\$0.00 \$0.00	1.02 2.68	0.00	0.00		48.98	0.00
22 Sche			\$0.00	\$0.00	1.59	\$0.00	\$0.00	28.15	28.15		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1.10	0.00	0.00		51.09	0.00
23 <b>Sche</b>	aule 95	<b>)</b>	\$0.00	\$0.00	1.52	\$0.00	\$0.00	61.31	61.31		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	2.68	0.00	0.00		48.98	0.00
25	ĻĮ			A 1400 0 0 0											, in						
26 Sche				\$470.00 \$1,890.00	0.00	\$0.76 \$0.76	\$0.00 \$0.00	0.00	0.00		\$3.10 \$1.49	\$1.90 \$1.49	\$0.00 \$1.18	\$2.53 \$2.53	\$0.00 \$0.00	0.93 0.99	0.00	0.00			60.86 57.73
28 Sche				\$6,100.00	0.00	\$0.76	\$0.00	0.00	0.00		\$1.61	\$1.61	\$1.30	\$2.53	\$0.00	0.54	0.00	0.00			55.77
30																					
31 <b>Sche</b>	dule 89	9-T		\$3,970.00	0.00	\$0.75	\$0.00	0.00	0.00		\$1.49	\$1.49	\$1.18	\$1.27	\$0.00	0.97	0.00	0.00			57.02
32 Sche				\$3,970.00	0.00	\$0.75	\$0.00	0.00	0.00		\$1.49	\$1.49	\$1.18	\$1.27	\$0.00	0.97	0.00	0.00			57.02
33 <b>Sche</b>	uuie /6	οr		\$3,970.00	0.00	\$0.75	\$0.00	0.00	0.00		\$1.49	\$1.49	\$1.18	\$1.27	\$0.00						
35	Ļļ		*	A=		4								*	, m = m	**					
		85-S V2003 85-S V2010	\$0.00 \$0.00	\$560.00 \$560.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00	0.00		\$3.17 \$3.17	\$1.97 \$1.97	\$0.00 \$0.00	\$2.61 \$2.61	\$0.00 \$0.00	(0.28)					
38 Sche	dule 48	35-S V2011	\$0.00	\$560.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.17	\$1.97	\$0.00	\$2.61	\$0.00	(0.28)					
		35-S V2012 35-S V2013	\$0.00 \$0.00	\$560.00 \$560.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00	0.00		\$3.17 \$3.17	\$1.97 \$1.97	\$0.00 \$0.00	\$2.61 \$2.61	\$0.00 \$0.00	(0.28)					
41 Sche	dule 48	35-S V2014	\$0.00	\$560.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.17	\$1.97	\$0.00	\$2.61	\$0.00	(0.28)					
		85-S V2015 85-S V2016	\$0.00 \$0.00	\$560.00 \$560.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00	0.00		\$3.17 \$3.17	\$1.97 \$1.97	\$0.00 \$0.00	\$2.61 \$2.61	\$0.00 \$0.00	(0.28)					
44 Sche			\$0.00	\$560.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.17	\$1.97	\$0.00	\$2.61	\$0.00	(0.28)					
		35-S V2018 35-S V2019	\$0.00	\$560.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.17	\$1.97	\$0.00	\$2.61	\$0.00	(0.28)					
		39-S V2014	\$0.00 \$0.00	\$560.00 \$3,340.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00	0.00		\$3.17 \$1.53	\$1.97 \$1.53	\$0.00 \$1.22	\$2.61 \$2.61	\$0.00 \$0.00	(0.28) (0.14)					
48																					
49 50 <b>Sche</b>	dule 48	35-P V2010	\$0.00	\$470.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.10	\$1.90	\$0.00	\$2.53	\$0.00	(0.29)					
51 Sche	dule 48	35-P V2011	\$0.00	\$470.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.10	\$1.90	\$0.00	\$2.53	\$0.00	(0.29)					
		35-P V2012 35-P V2013	\$0.00 \$0.00	\$470.00 \$470.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00	0.00		\$3.10 \$3.10	\$1.90 \$1.90	\$0.00 \$0.00	\$2.53 \$2.53	\$0.00 \$0.00	(0.29)					
54 Sche	dule 48	35-P V2014	\$0.00	\$470.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.10	\$1.90	\$0.00	\$2.53	\$0.00	(0.29)					
		B5-P V2015 B5-P V2016	\$0.00 \$0.00	\$470.00 \$470.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00			\$3.10 \$3.10	\$1.90 \$1.90	\$0.00 \$0.00	\$2.53 \$2.53	\$0.00 \$0.00	(0.29)					
57 Sche	dule 48	B5-P V2017	\$0.00	\$470.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.10	\$1.90	\$0.00	\$2.53	\$0.00	(0.29)					
		35-P V2018 35-P V2019	\$0.00 \$0.00	\$470.00 \$470.00	0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00	0.00		\$3.10 \$3.10	\$1.90 \$1.00	\$0.00 \$0.00	\$2.53 \$2.53	\$0.00 \$0.00	(0.29)				-	
		89-P V2004	\$0.00	\$1,890.00	0.00	\$0.00	\$0.00	0.00	0.00		\$3.10 \$1.49	\$1.90 \$1.49	\$1.18	\$2.53	\$0.00 \$0.00	(0.29) (0.15)					
		89-P V2010	\$0.00	\$1,890.00	0.00	\$0.00	\$0.00	0.00	0.00		\$1.49	\$1.49	\$1.18	\$2.53	\$0.00	(0.15)					
		89-P V2011 89-P V2012	\$0.00 \$0.00	\$1,890.00 \$1,890.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00	0.00		\$1.49 \$1.49	\$1.49 \$1.49	\$1.18 \$1.18	\$2.53 \$2.53	\$0.00 \$0.00	(0.15) (0.15)					
		89-P V2013	\$0.00	\$1,890.00	0.00	\$0.00	\$0.00	0.00	0.00		\$1.49	\$1.49	\$1.18	\$2.53	\$0.00	(0.15)					
		89-P V2014 89-P V2016	\$0.00 \$0.00	\$1,890.00 \$1,890.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00	0.00		\$1.49 \$1.49	\$1.49 \$1.49	\$1.18 \$1.18	\$2.53 \$2.53	\$0.00 \$0.00	(0.15) (0.15)					
67 Sche	dule 48	39-P V2017	\$0.00	\$1,890.00	0.00	\$0.00	\$0.00	0.00	0.00		\$1.49	\$1.49	\$1.18	\$2.53	\$0.00	(0.15)					
		89-P V2018 89-P V2019	\$0.00 \$0.00	\$1,890.00 \$1,890.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00			\$1.49 \$1.49	\$1.49 \$1.49	\$1.18 \$1.18	\$2.53 \$2.53	\$0.00 \$0.00	(0.15) (0.15)					
70			Ψ0.00	7.,000.00	0.00	ψ0.00	ψ0.00	0.00	0.00		ψ1.10	ψ1.10	ψ1.10	<b>\$2.00</b>	Ψ0.00	(3.10)					
71 Scher	Aule 49	39-T V2007		\$3,970.00	0.00	\$0.00	\$0.00	0.00	0.00		\$1.49	\$1.49	\$1.18	\$1.27	\$0.00	(0.15)					
		89-T V2007		\$3,970.00	0.00	\$0.00	\$0.00	0.00			\$1.49	\$1.49	\$1.18	\$1.27	\$0.00	(0.15)					
74 Sche	dule 48	39-T V2013		\$3,970.00	0.00	\$0.00	\$0.00	0.00	0.00		\$1.49	\$1.49	\$1.18	\$1.27	\$0.00	(0.15)					

A B C D	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
2 PORTLAND GENERAL ELECTRIC																						
3 2019 GRC Prices																						
5	Off-peak	Wheeling											Sch 128	Sch 128		Sch 102	Sch 102	Sch 102				
6	Energy	Demand	Reactive	Fixed	Sch 146	Sch 122a	Sch 122b	Sch 125	Sch 145	Sch 132a	Sch 132b	Sch 143	Block 1	Block 2	Sch 129	Block 1	Block 2	Block 3	Sch 105	Sch 109	Sch 110	Sch 112
7 Grouping 8	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price
9 Schedule 7	0.00	\$0.00	\$0.00	0.00					0.26	(1.62)		(0.17)			0.00	(9.22)	(9.22)	(4.95)	0.13	3.97	0.05	0.30
10 Schedule 15 Residential	0.00	\$0.00	\$0.00	103.18					0.20	(3.16)		(0.13)			0.00	(8.50)	0.00		0.10	6.80	0.10	0.25
12		<b>A</b> 2 2 2	<b>\$2.22</b>	100.10					2.22	(0.40)		(0.40)			2.22	(0.50)	2.00		2.42	2.22	0.40	2.25
13 Schedule 15 Commercial 14 Schedule 32	0.00	\$0.00 \$0.00	\$0.00 \$0.00	103.18 0.00					0.20 0.24	(3.16)		(0.13)			0.00	(8.50)	0.00		0.10 0.12	6.80 3.61	0.10 0.05	0.25 0.21
15 Schedule 38	45.70	\$0.00	\$0.50	0.00					0.22	(1.79)		(0.14)			0.00	(8.50)	0.00		0.11	4.09	0.06	0.39
16 Schedule 47 17 Schedule 49	0.00	\$0.00 \$0.00	\$0.50 \$0.50	0.00					0.29 0.29	(2.72)		(0.18)			0.00	(8.50)	0.00		0.14 0.14	6.29 4.50	0.09 0.06	0.50 0.15
18 Schedule 83-S	48.35	\$0.00	\$0.50	0.00					0.24	(1.12)		(0.15)			0.00	(8.50)	0.00		0.12	2.83	0.04	0.06
19 Schedule 85-S 20 Schedule 89-S	46.91 43.69	\$0.00 \$0.00	\$0.50 \$0.50	0.00					0.23 0.21	(0.96)		(0.15)			0.00	(8.50)	0.00		0.11	2.42 1.46	0.04 0.04	0.04
21 Schedule 91	0.00	\$0.00	\$0.00	104.67					0.20	(3.13)		(0.13)			0.00	(5.55)			0.10	6.86	0.10	0.25
22 Schedule 92 23 Schedule 95	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00 104.67					0.21 0.20	(1.02)		(0.13)			0.00				0.10 0.10	2.57 6.86	0.04	0.23 0.25
24	0.00	ψ0.00	ψ0.00	. 3					5.25	(00)		(55)			5.55				33	0.00	55	0.20
25   26   Schedule 85-P	45.86		\$0.50	0.00					0.22	(0.89)		(0.14)			0.00	(8.50)	0.00		0.11	2.42	0.04	0.04
27 Schedule 89-P	42.73		\$0.50	0.00					0.21	(0.75)		(0.13)			0.00	(8.50)	0.00		0.11	1.46	0.04	0.01
28 Schedule 90-P	40.77		\$0.50	0.00					0.20	(0.64)		(0.13)			0.00	(8.50)	0.00		0.10	1.46	0.04	0.01
30																						
31 Schedule 89-T 32 Schedule 75-T	42.02 42.02	\$0.00	\$0.50 \$0.50	0.00					0.21 0.21	(0.90)		(0.13)			0.00				0.11 0.11	1.46 1.46	0.04 0.04	0.01
33 Schedule 76R	42.02		\$0.50	0.00					0.21	(0.90)		(0.13)			0.00				0.11	1.40	0.04	0.01
34 35																						
36 Schedule 485-S V2003		\$0.00	\$0.50	0.00						(0.23)		(0.15)			0.00	(8.50)	0.00		0.00	2.42	0.04	0.04
37 Schedule 485-S V2010 38 Schedule 485-S V2011		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.23)		(0.15) (0.15)			0.00	(8.50) (8.50)	0.00		0.00	2.42 2.42	0.04 0.04	0.04
39 Schedule 485-S V2012		\$0.00	\$0.50	0.00						(0.23)		(0.15)			0.00	(8.50)	0.00		0.00	2.42	0.04	0.04
40 Schedule 485-S V2013 41 Schedule 485-S V2014		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.23)	(0.18)	(0.15) (0.15)			0.00	(8.50) (8.50)	0.00		0.00	2.42 2.42	0.04 0.04	0.04 0.04
42 Schedule 485-S V2015		\$0.00	\$0.50	0.00						(0.23)	(0.18)	(0.15)			21.72	(8.50)	0.00		0.00	2.42	0.04	0.04
43 Schedule 485-S V2016 44 Schedule 485-S V2017		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.23)	(0.61) (0.61)	(0.15) (0.15)			28.66 28.46	(8.50) (8.50)	0.00		0.00	2.42 2.42	0.04 0.04	0.04 0.04
45 Schedule 485-S V2017		\$0.00	\$0.50	0.00						(0.23)	(0.61)	(0.15)			30.72	(8.50)	0.00		0.00	2.42	0.04	0.04
46 Schedule 485-S V2019 47 Schedule 489-S V2014		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.23)	(0.61) (0.08)	(0.15) (0.14)			29.72 0.00	(8.50) (8.50)	0.00		0.00	2.42 1.46	0.04 0.04	0.04 0.01
47 Schedule 489-3 V2014 48		φ0.00	φ0.50	0.00						(0.33)	(0.08)	(0.14)			0.00	(6.50)	0.00		0.00	1.40	0.04	0.01
49   50   Schedule 485-P V2010		\$0.00	<b>\$0.50</b>	0.00						(0.47)		(0.14)	-		0.00	(0 EO)	0.00	-	0.00	2.42	0.04	0.04
51 Schedule 485-P V2011		\$0.00	\$0.50 \$0.50	0.00						(0.17) (0.17)		(0.14)			0.00	(8.50) (8.50)	0.00		0.00	2.42	0.04 0.04	0.04
52 Schedule 485-P V2012 53 Schedule 485-P V2013		\$0.00 \$0.00	\$0.50 \$0.50	0.00 0.00						(0.17)		(0.14) (0.14)	-		0.00 0.00	(8.50) (8.50)	0.00	-	0.00	2.42 2.42	0.04 0.04	0.04 0.04
53 Schedule 485-P V2013 54 Schedule 485-P V2014		\$0.00	\$0.50	0.00						(0.17) (0.17)	(0.18)	(0.14)			0.00	(8.50)	0.00		0.00	2.42	0.04	0.04
55 Schedule 485-P V2015 56 Schedule 485-P V2016		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.17)	(0.60)	(0.14) (0.14)			21.53 28.34	(8.50)	0.00		0.00	2.42	0.04 0.04	0.04
57 Schedule 485-P V2017		\$0.00	\$0.50 \$0.50	0.00						(0.17) (0.17)	(0.60) (0.60)	(0.14)			28.34	(8.50) (8.50)	0.00		0.00	2.42	0.04	0.04
58 Schedule 485-P V2018 59 Schedule 485-P V2019		\$0.00	\$0.50 \$0.50	0.00						(0.17)	(0.60)	(0.14)			30.31	(8.50)	0.00		0.00	2.42	0.04	0.04
60 Schedule 489-P V2004		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.17)	(0.60)	(0.14) (0.13)			29.58 0.00	(8.50) (8.50)	0.00		0.00	2.42 1.46	0.04 0.04	0.04
61 Schedule 489-P V2010		\$0.00	\$0.50	0.00						(0.11)		(0.13)			0.00	(8.50)	0.00		0.00	1.46	0.04	0.01
62 Schedule 489-P V2011 63 Schedule 489-P V2012		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.11)		(0.13)			0.00	(8.50) (8.50)	0.00		0.00	1.46 1.46	0.04 0.04	0.01
64 Schedule 489-P V2013		\$0.00	\$0.50	0.00						(0.11)	(0.4.0)	(0.13)			0.00	(8.50)	0.00		0.00	1.46	0.04	0.01
65 Schedule 489-P V2014 66 Schedule 489-P V2016		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.11)	(0.14) (0.56)	(0.13)			0.00 26.05	(8.50) (8.50)	0.00		0.00	1.46 1.46	0.04 0.04	0.01
67 Schedule 489-P V2017		\$0.00	\$0.50	0.00						(0.11)	(0.56)	(0.13)			26.05	(8.50)	0.00		0.00	1.46	0.04	0.01
68 Schedule 489-P V2018 69 Schedule 489-P V2019		\$0.00 \$0.00	\$0.50 \$0.50	0.00						(0.11)	(0.56) (0.56)	(0.13)			27.11 25.76	(8.50) (8.50)	0.00		0.00	1.46 1.46	0.04 0.04	0.01
70			,,,,,,							(2117)	(2.23)	(3.12)			5 5	(3.55)					,,,,	
71		\$0.00	\$0.50	0.00						(0.11)		(0.13)			0.00				0.00	1.46	0.04	0.01
73 Schedule 489-T V2012		\$0.00	\$0.50	0.00						(0.11)		(0.13)			0.00				0.00	1.46	0.04	0.01
74 Schedule 489-T V2013		\$0.00	\$0.50	0.00						(0.11)		(0.13)			0.00				0.00	1.46	0.04	0.01

	A B C D	AT	AU	AV	AW
1	PORTI AND CENERAL ELECTRIC				
3	PORTLAND GENERAL ELECTRIC 2019 GRC Prices				
4					
5					
7	Grouping	Sch 123	Sch 126	Sch 135	Sch 137
8	Grouping	Price	Price	Price	Price
9	Schedule 7	2.00		0.44	0.47
10	Schedule 15 Residential	0.21		0.33	0.37
11					
13	Schedule 15 Commercial	0.21		0.33	0.37
14		(1.39)		0.40	0.44
15	Schedule 38	0.21		0.37	0.44
16 17	Schedule 47 Schedule 49	0.21 0.21		0.48 0.48	0.53 0.51
18		0.21		0.40	0.43
	Schedule 85-S	0.21		0.38	0.42
20		0.21		0.36	0.40
21	Schedule 91 Schedule 92	0.21 0.21		0.33 0.35	0.37
23	Schedule 95	0.21		0.33	0.39
24					
25	Sahadula 95 D	0.01		2.22	241
26 27	Schedule 85-P Schedule 89-P	0.21 0.21		0.38	0.41
28	Schedule 90-P	0.21		0.34	0.38
29					
30	Sahadula 90 T	0.04		0.25	0.20
31	Schedule 89-T Schedule 75-T	0.21 0.21		0.35 0.35	0.39
33	Schedule 76R	0.21		0.00	0.00
34					
35	Schodule 495 S V2002	0.04			
37	Schedule 485-S V2003 Schedule 485-S V2010	0.04 0.04			
38		0.04			
39	Schedule 485-S V2012	0.04			
40	Schedule 485-S V2013 Schedule 485-S V2014	0.04 0.04			
42	Schedule 485-S V2015	0.04			
43		0.04			
44	Schedule 485-S V2017 Schedule 485-S V2018	0.04 0.04			
46	Schedule 485-S V2019	0.04			
47	Schedule 489-S V2014	0.04			
48					
49 50	Schedule 485-P V2010	0.04			
51	Schedule 485-P V2011	0.04			
	Schedule 485-P V2012	0.04			
	Schedule 485-P V2013	0.04			
	Schedule 485-P V2014 Schedule 485-P V2015	0.04 0.04			
56		0.04			
57		0.04	·		
58 59		0.04			
60		0.04			
61	Schedule 489-P V2010	0.04			
	Schedule 489-P V2011	0.04			
63 64		0.04 0.04			
65		0.04			
66	Schedule 489-P V2016	0.04			
67	Schedule 489-P V2017	0.04			
68 69		0.04 0.04			
70	12010	5.07			
71					
	Schedule 489-T V2007	0.04			
73 74		0.04			
	1-050010 100 1 12010	0.04			

RA 3 - ADV 1130
PGE Response to Staff IR 3, Attachment IR 3B&4A Marginal Costs.XLX
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1419 -									•					۰											-	Æ	Æ.	4	"	Æ.		A.	ж	4	All I	- 6	, ac		46		4	~		
Screen 2015 Prices							H	_	$\blacksquare$	-											$\blacksquare$		$\blacksquare$	Ħ	H	H				H	_	I	I					П	I			$\blacksquare$	H	=
	Easis	limi	Vol. Trans	Demand Transmission		Tallymatics	n Talum	with Value	-				Ostrántim	Decimalian	lessis in System	East.	Black 1	i	i Rei	34.5	ua 00-	mail Silve	-									Ed. 126	E4128		Selt 192	E-1-100	E-140							108 Sek 07
-	Fries I shake	Price Tolkano	Print	Print Beach	Print Black	Print	No.	maj Austi	-12 Pos-	East 1 Fra	- Bank 2	Paramet.	Print State 1	Print Black	Prince	Prince	Prince	Print	Print	Prin	. 7-	- A	24 A	. A.	. Pro-	Frie	Print Cope	Print	Arke I	- A	ne Prins	Print	Print	Print	Fried	Print	Aire	Arine	Print	Aire	Print P	- A-	. 7	ine Prine
Schmide 7 Schmide 15 September	111 00 30 00	\$11.00 \$0.00	239 129	81.00 81.00	\$1000 \$1000	82.8 85.3	I	80 ME - 0 ME 30	086	11 00 11 00	\$0.00 \$0.00	\$220 \$220	\$0.00 \$0.00	10.0 10.0	72	82	65.0 9.0	73	0 6		100	100	100	100	9 8	$\blacksquare$			0.27 0.22	$\blacksquare$	10 10 10 10		I	88	920	1010		100	56	0 M	030	06	$\blacksquare$	014 047 011 037
N Britain II Comment	10.00	800	129	EI 00	El SC	653		0.50		EI GO		1536	\$0.00			10			-		-00			100					0.32		6.9			030	836	030		838	120		626	400		611 637
12 Schedul 32 12 Schedul 38 12 Schedul (7	27.00 20.00 20.00	E2100	1.65	EL 00 EL 00 EL 00	\$0.00	63.0		730 6161 M.E.		\$1.00 \$1.00	\$2.00		50.00	\$2.0	- 15		99		- 60	0 51	100	000 1 000 1	100 1		00	-	-		0.25 0.23	=	8 ID			000	236	0.00 0.00		226	125	0.06	0.39	30 08		013 046 012 046
Schools II S	D0 10			B1.00	\$5.00 \$1.00	31		0.00 0.00		50 50 50	80.00		F1.65	NO.0	15	10	33		**	6	33	433	100	1	50				130		275			0.30 0.30	336	030		276	271 220	0.04 0.04	23	OF S		013 043
State of the state	83.00	\$3.160-00 \$5.160-00	030	B145	\$5.00 \$5.00	- 2		000	_	D 30	D 88	1128 1128	D 6	50 D		10	9.0			0 60	60	E 61			00	-			0.25 0.23	_	810			030	830	030		- 35	227		69	or .		012 042 012 040
Schools II	\$3.00 \$3.00	E30	120	E30	10.00 10.00	85	2	W D		H.O.		\$2.00 \$2.00	80-30 80-30	10.0 10.0	12	10	33		120	2 5	100			10		=			0.33 0.33	=	810		L	630				- 816	327	316	0.70	8	≢	611 637
T Directified		8.7 W. NO.		840	80.00			6.96	=	F3.14	F1.14	80.00	F1.40	80.0			- 45					M ES	ľ		**				0.74		0.10			6.00	18.545	0.90			1 90.		A.W.	100		617. 641
Schools IDP	+ =				E100			030	Ŧ	10				\$0.0 \$0.0	- 10		- 0.0	Ϋ́	+=	- 6	9	857	Ŧ	10 1	10	+=	ŧΞ	Ħ	633	Ŧ	210	=	L	60	330	030	H	- 613			69	OF SE	Ŧ	617 638
Share Street		F3.850.00	6.00	81.43	80.00	4.0		A.98			81.66	#1.54		80.0 80.0		* **	- 45			0 81		030			w.				4.75		an. 140			630					3.67	0.04	A.W.	i del		A13 A38
3 1		BIRS			880	- 61		230	≢	10	88	E24	113	800	1	1	- 46		É		-	0.35		100					210	=	2.00			2.00					VIII.	AM	20	100	=	110 200
S. S	85.00	#800.00 #800.00	6.90	EL-00	80.00			0.00		F3 36		85.50	F1.69	80.00 80.00	-			_		+	_					_				_				6.00	434	6.96			130	0.04	A.W.	-	_	=
Debrate (EE CVDC)  Debrate (EE CVDC)  Debrate (EE CVDC)	10 H	\$500-00 \$500-00	0-30 0-30	E 00 E 00	\$100 \$100 \$100	99		0.00		D30 D30	D44	2000	D-6	50.0	81								100	10 1	20						617 617			0-30 0-30	336	0.00		- 111	320 320 320	9.06	036 036	8		
The state of the s	85.00 85.00	FR00.00	0.00	EL.00	##.60 ##.00	A.		6.00		F3.36	F7.66	85.50	F1.60	80.0	- 61			+		+		Ī	100	100 6	90					=	200			1 2	236 236	0.00 0.00		215	5 5	256	200	CON CONTRACTOR	+	_
District CE S 12012 District CE S 12012 District CE S 12012		\$500-00 \$500-00	0.00	E 00	10 00 10 00 10 00	93		0.00 0.00		D30 D30	D 65	2000 2000		50 p							+	Ī	100		90					#	917		I	120	936	200		- 11	688	204	036 036	9	=	=
ELLEVIER CONT	\$5.00. \$5.00.	\$3,000,00	630	#1.00	\$10.00 \$10.00	A.0		636		F1.00														100 4	90						0.10			40	436	6.96		- 10	110	254	6.90	en.		==
	\$0.00	\$470.00	0.00	81.00	\$0.00	9.0		000		13.14	D24	\$200	12.0	10.0	1011			+		+	_									=	910			0.00	930	0.00		418	3.20	0.04	000	(CD)	+	=
Electric Marketter	83.00	\$250.00 \$450.00	0.00	E-00	\$1.00 \$1.00	25		A-96.		24				NO.0	27									100							100		I	8.8	20.00	200			55	256	A-W	-	$\blacksquare$	=
to be a company of the company of th	\$0.00 \$0.00	\$670.00 \$670.00	0-30 0-30	80 00 80 00		20		0.00		D 14 D 14		\$2.00 \$2.00 \$2.00		\$0.0 \$0.0																	817			11.07 23.26	836 836	030		- 215	220 220	2.04	0.00	gr gr		==
Control of the Contro	\$5.00. \$5.00.	\$200.00 \$200.00			80.00 80.00			A-90 0-90	_	274		8000	D 60	10.0 10.0		-	-	+	-	+	-		100	10 0	50	-	-			=	0.15 0.17			90.00 30.00	410	0.00 0.00		- 23	120	255	000	- CO	#	=
Schools (SEP 2003 Schools (SEP 2003	\$3.00 \$3.00	\$270.00 \$1,770.00	030		\$5.00	99		0.00		53 14 51 06 61 06					23			H		H	H			100		$\blacksquare$				$\blacksquare$	610 610		I	8 8	25	200		55	25.0		000	9	$\blacksquare$	=
A Branch (SPF (2012)	10 m	E 770-30	0.00	E 00	10.00 \$1.00	91		0.00 0.00		110	0.00			50.0 50.0	- 63							I	100	10 1	90						210			0.00 0.00	336 336	0.00		210	3 87 2 87	255	630	0		_
The state of the s	\$3.00	\$1,730-00 \$1,730-00 \$1,730-00		\$5.00	\$0.00	0.0 0.0		0.00 0.00 0.00		\$1.00		1124 1124 1134	F1.40	\$0.0 \$0.0	10.2			=	+	=	$\pm$		100	100 01	10	-				_	930			925	236 236	0.00 0.00		210	2.07	0.04	025	GD GD	#	#
The state of the s		E1 770.00 E1 770.00		E 00		31		0.00		10								=		-		Į	8	1	9					=	810			35	336	630		810	227	354	632	8	=	=
5 to 10 to 1								-	_								+	⇇	+	+	$\pm$	==				$\pm$	=	⊨		$\pm$		H			436	030		415	ļ					=
Schools SET VIII	+=	D 800.00	0.00	E 00	\$1.00 \$1.00	31	ıΞ	230	=	10	20	113	113	80.0 80.0		F	ŧΞ	ŧΞ	ŧΞ	ŧΞ	Ŧ	==	100	1	2	≠≡	ŧΞ	Ħ	=	Ŧ	50	Ħ	L	888			H	210	100	0 M	69 69	(E)	≠	#=

### PORTLAND GENERAL ELECTRIC 2019 Price Changes relative to 2018 Prices

2019 Price Changes relative to 2018 Prices	Basic Charge	Basic Charge	Vol. Trans & Related	Demand Transmission & Related	Demand Transmission & Related	Volumetric Dist.	Volumetric Dist. Price Block 2
Grouping	Price 1-phase	Price 3-phase	Price	Price Block 1	Price Block 2	Price Block 1	Price Block 2
Schedule 7 Schedule 15 Residential	\$0.00 \$0.00	\$0.00 \$0.00	0.34 0.23	\$0.00 \$0.00	\$0.00 \$0.00	3.58 (1.75)	3.58 (1.75)
Schedule 15 Commercial	\$0.00	\$0.00	0.23	\$0.00	\$0.00	(1.75)	(1.75)
Schedule 32	\$3.00	\$6.00	0.30	\$0.00	\$0.00	0.57	6.00
Schedule 38 Schedule 47	\$5.00 \$2.00	\$5.00 \$2.00	0.25 0.31	\$0.00 \$0.00	\$0.00 \$0.00	(0.62) 2.23	(0.62) 2.23
Schedule 49	\$5.00	\$5.00	0.30	\$0.00	\$0.00	(1.27)	(1.27)
Schedule 83-S	\$5.00	\$5.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 85-S	\$0.00	\$60.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 89-S	\$0.00	\$180.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 91	\$0.00	\$0.00	0.23	\$0.00	\$0.00	2.23	2.23
Schedule 92 Schedule 95	\$0.00 \$0.00	\$0.00 \$0.00	0.23 0.23	\$0.00 \$0.00	\$0.00 \$0.00	0.43 2.23	0.43 2.23
Schedule 85-P	\$0.00	\$0.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 89-P	\$0.00	\$120.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 90-P	\$0.00	\$900.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 89-T	\$0.00	\$120.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 75-T	\$0.00	\$120.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 76R	\$0.00	\$120.00	0.00	\$0.13	\$0.00	0.00	0.00
Schedule 485-S V2003	\$0.00	\$60.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-S V2010	\$0.00	\$60.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-S V2011 Schedule 485-S V2012	\$0.00	\$60.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-S V2012 Schedule 485-S V2013	\$0.00 \$0.00	\$60.00 \$60.00	0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00	0.00 0.00
Schedule 485-S V2014	\$0.00	\$60.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-S V2015	\$0.00	\$60.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-S V2016	\$0.00	\$60.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-S V2017	\$0.00	\$60.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-S V2018 Schedule 485-S V2019	\$0.00 \$0.00	\$60.00 \$60.00	0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00	0.00 0.00
Schedule 489-S V2014	\$0.00	\$180.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-P V2010	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-P V2011	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-P V2012 Schedule 485-P V2013	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-P V2013	\$0.00 \$0.00	\$0.00 \$0.00	0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00	0.00
Schedule 485-P V2015	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-P V2016	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-P V2017	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-P V2018	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 485-P V2019	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-P V2004 Schedule 489-P V2010	\$0.00 \$0.00	\$120.00 \$120.00	0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00	0.00 0.00
Schedule 489-P V2010 Schedule 489-P V2011	\$0.00	\$120.00 \$120.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-P V2012	\$0.00	\$120.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-P V2013	\$0.00	\$120.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-P V2014	\$0.00	\$120.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-P V2016	\$0.00	\$120.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-P V2017 Schedule 489-P V2018	\$0.00 \$0.00	\$120.00 \$120.00	0.00 0.00	\$0.00 \$0.00	\$0.00 \$0.00	0.00 0.00	0.00 0.00
Schedule 489-P V2019	\$0.00	\$120.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-T V2007	\$0.00	\$120.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-T V2012	\$0.00	\$120.00	0.00	\$0.00	\$0.00	0.00	0.00
Schedule 489-T V2013	\$0.00	\$120.00	0.00	\$0.00	\$0.00	0.00	0.00

Volumetric Dist. Price Block 3	Facilities Price Block 1	Facilities Price Block 2	Facilities Price Block 3	Distribution Demand Price Block 1	Distribution Demand Price Block 2	Implicit System Usage Price	Block 1 Energy Price	Block 2 Energy Price	Block 3 Energy Price	Flat Energy Price
						(2.2-)				
3.58 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	(0.07) 2.97	(1.81) 0.00	(1.81) 0.00	(1.81) 0.00	0.00 (1.56)
0.00	0.00	0.00	0.00	0.00	0.00	2.97	0.00	0.00	0.00	(4 EC)
0.00 0.00	0.00 0.00	0.00	0.00	0.00 0.00	0.00	(0.05)	0.00	0.00	0.00 0.00	(1.56) (1.58)
0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.87
0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	0.00	0.75
0.00	(0.11)	(0.11)	0.00	(0.07)	0.00	0.97	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.15)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	(1.01)	0.00 0.00	0.00 0.00	0.00 0.00	(1.56) (0.93)
0.00	0.00	0.00	0.00	0.00	0.00	(0.11) (1.01)	0.00	0.00	0.00	(0.93)
0.00	0.00	0.00	0.00	0.00	0.00	(1.01)	0.00	0.00	0.00	(1.56)
0.00	(0.04)	(0.34)	0.00	(0.07)	0.00	(0.15)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	0.23	0.23	0.23	(0.07)	0.00	(0.15)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	0.01	0.00	(0.12)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	0.01	0.00	(0.12)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	0.01	0.00	0.00	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00 0.00	(0.22) (0.22)	(0.52) (0.52)	0.00 0.00	(0.07) (0.07)	0.00 0.00	(0.13) (0.13)	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.22)	(0.52)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.09)	0.00	0.00	0.00	0.00
0.00	(0.04)	(0.34)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.04)	(0.34)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.04)	(0.34)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.04)	(0.34)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00 0.00	(0.04)	(0.34) (0.34)	0.00 0.00	(0.07) (0.07)	0.00 0.00	(0.13) (0.13)	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
0.00	(0.04) (0.04)	(0.34)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.04)	(0.34)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.04)	(0.34)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.04)	(0.34)	0.00	(0.07)	0.00	(0.13)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.10)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.10)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.10)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.10)	0.00	0.00	0.00	0.00
0.00 0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00 0.00	(0.10)	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
0.00	(0.06) (0.06)	(0.06) (0.06)	(0.06) (0.06)	(0.07) (0.07)	0.00	(0.10) (0.10)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.10)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.10)	0.00	0.00	0.00	0.00
0.00	(0.06)	(0.06)	(0.06)	(0.07)	0.00	(0.10)	0.00	0.00	0.00	0.00
0.00	(0.00)	(0.00)	(0.00)	0.04	0.00	(0.00)	0.00	0.00	0.00	0.00
0.00 0.00	(0.06) (0.06)	(0.06) (0.06)	(0.06) (0.06)	0.01 0.01	0.00 0.00	(0.09) (0.09)	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
0.00	(0.06)	(0.06)	(0.06)	0.01	0.00	(0.09)	0.00	0.00	0.00	0.00

On-peak Energy Price	Off-peak Energy Price	Wheeling Demand Price	Reactive Price	Fixed Price	Sch 146 Price	Sch 122a Price	Sch 122b Price	Sch 125 Price	Sch 145 Price	Sch 143 Price	Sch 128 Block 1 Price	Sch 128 Block 2 Price
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02	0.00	0.00
0.00	0.00	0.00	0.00	(1.50)	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	0.00
0.00	0.00	0.00	0.00	(1.50)	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02	0.00	0.00
0.78	(4.22)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
0.00 (0.98)	0.00 (0.98)	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 (0.01)	0.02 0.02	0.00 0.00	0.00 0.00
(0.78)	(0.78)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02	0.00	0.00
(1.32)	(1.32)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.03	0.00	0.00
0.00	0.00	0.00	0.00	2.06	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02	0.00	0.00
0.00	0.00	0.00	0.00	2.06	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	0.00
(0.77)	(0.77)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.03	0.00	0.00
(1.30)	(1.30)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.03	0.00	0.00
(1.50)	(1.50)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	0.00
(1.28)	(1.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.03	0.00	0.00
(1.28) 0.00	(1.28) 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00 0.00	0.00 0.00	(0.02) 0.00	0.03 0.00	0.00 0.00	0.00 0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.02 0.02	0.00 0.00	0.00 0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00	0.00 0.00	0.00 0.00	0.02 0.02	0.00 0.00	0.00 0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.03 0.03	0.00 0.00	0.00 0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.03 0.03	0.00 0.00	0.00 0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.03 0.03	0.00 0.00	0.00 0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00

Sch 129 Price	Sch 102 Block 1 Price	Sch 102 Block 2 Price	Sch 102 Block 3 Price	Sch 105 Price	Sch 109 Price	Sch 110 Price	Sch 144 Price	Sch 123 Price	Sch 126 Price	Sch 135 Price	Sch 137 Price
0.00	0.94	0.94	(4.95)	0.29	(0.96)	0.00	0.00	1.91	0.00	0.30	0.00
0.00	(0.16)	0.00	0.00	0.49	(1.43)	0.00	0.00	0.29	0.00	0.22	0.00
	(				( )						
0.00	(0.40)	0.00	0.00	0.40	(4.40)	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	(0.16) (0.16)	0.00 0.00	0.00 0.00	0.49 0.27	(1.43) (0.93)	0.00 0.00	0.00 0.00	0.29 (0.69)	0.00 0.00	0.22 0.27	0.00 0.00
0.00	(0.16)	0.00	0.00	0.27	(1.10)	0.00	0.00	0.29	0.00	0.25	0.00
0.00	(0.16)	0.00	0.00	0.45	(1.56)	0.00	0.00	0.29	0.00	0.33	0.00
0.00	(0.16)	0.00	0.00	0.40	(1.05)	0.00	0.00	0.29	0.00	0.33	0.00
0.00	(0.16)	0.00	0.00	0.29	(0.88)	0.00	0.00	0.29	0.00	0.27	0.00
0.00	(0.16)	0.00	0.00	0.26	(0.78)	0.00	0.00	0.29	0.00	0.26	0.00
0.00	(0.16)	0.00	0.00	0.24	(1.41)	0.00	0.00	0.29	0.00	0.24	0.00
0.00	0.00	0.00	0.00	0.56	(0.61)	0.00	0.00	0.29	0.00	0.22	0.00
0.00	0.00	0.00	0.00	0.26	(0.65)	0.00	0.00	0.29	0.00	0.24	0.00
0.00	0.00	0.00	0.00	0.56	(0.61)	0.00	0.00	0.29	0.00	0.22	0.00
0.00	(0.16)	0.00	0.00	0.26	(0.78)	0.00	0.00	0.29	0.00	0.26	0.00
0.00	(0.16)	0.00	0.00	0.24	(1.41)	0.00	0.00	0.29	0.00	0.23	0.00
0.00	(0.16)	0.00	0.00	0.23	(1.41)	0.00	0.00	0.29	0.00	0.23	0.00
	(				, ,						
0.00	0.00	0.00	0.00	0.24	(1.41)	0.00	0.00	0.29	0.00	0.23	0.00
0.00	0.00	0.00	0.00	0.24	(1.41)	0.00	0.00	0.29	0.00	0.23	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(11.54)	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(1.75)	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(1.75)	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(2.67) (2.67)	(0.16) (0.16)	0.00 0.00	0.00 0.00	0.19 0.19	(0.78) (0.78)	0.00 0.00	0.00 0.00	0.06 0.06	0.00 0.00	0.00 0.00	0.00 0.00
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(4.83)	(0.16)	0.00	0.00	0.13	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
(1122)	(5115)				(,						
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00 0.00	0.19 0.19	(0.78)	0.00 0.00	0.00 0.00	0.06 0.06	0.00 0.00	0.00 0.00	0.00 0.00
0.00 (11.47)	(0.16) (0.16)	0.00 0.00	0.00	0.19	(0.78) (0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(1.73)	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(1.73)	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(2.63)	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
(2.63)	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.19	(0.78)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.16)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
(9.21)	(0.16)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
(1.57)	(0.16)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
(2.42) (2.42)	(0.16) (0.16)	0.00 0.00	0.00 0.00	0.17 0.17	(1.41) (1.41)	0.00 0.00	0.00 0.00	0.06 0.06	0.00 0.00	0.00 0.00	0.00 0.00
0.00	(0.16)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	(0.10)	0.00	0.00	0.17	(1.41)	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.17	(1.41)	0.00	0.00	0.06	0.00	0.00	0.00

# PORTLAND GENERAL ELECTRIC Changes in Revenues Resulting from 2019 Price Changes (\$000)

Category	2018 Current	2019 Proposed	Change
COS/VPO	\$1,778,702	\$1,791,220	\$12,517
Direct Access	\$40,656	\$40,289	(\$367)
Adjust for Employee Discount Base Rate Delta		<u>\$37</u>	
Cycle Totals	\$1,819,359	\$1,831,545	
Calendar Adjustment	0.99996	0.99996	
Calendar Basis Retail Revenues	\$1,819,294	\$1,831,480	\$12,186

## **Reconciliation of Revenues and Revenue Requirement**

Revenue Requirement	\$1,831,381
Calendar Revenues	\$1,831,480
Base Rate Difference	\$100
Schedule 146	<u>\$0</u>
Total	\$100
FF	\$0
VTOU	(\$9)
Rate Design	\$78
CIO	<u>\$31</u>
Total	\$100
Adjust Delta to Calendar	\$100

### Contribution to 2019 System Peak by COS Rate Schedule

														12-CP	4-CP	12-CP
Schedule	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sum		Percent	Percent
Sch 7	1,814.5	1,661.1	1,384.1	1,256.6	1,124.9	1,180.7	1,538.1	1,658.6	1,235.0	1,170.1	1,504.0	1,937.6	17,465.3	1,455.4	52.97%	49.70%
Sch 15	4.1	4.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	2.8	4.1	4.1	22.0	1.8	0.06%	0.06%
Sch 32	244.4	250.9	229.8	220.4	258.9	283.7	318.5	321.5	284.9	230.9	252.3	276.1	3,172.3	264.4	8.85%	9.03%
Sch 38	3.2	5.4	6.4	4.1	3.0	2.3	4.1	3.5	3.0	5.1	5.1	4.7	50.0	4.2	0.12%	0.14%
Sch 47	0.6	0.7	0.7	0.9	2.1	6.3	11.5	11.4	6.4	0.9	0.4	0.4	42.3	3.5	0.18%	0.12%
Sch 49	0.5	0.8	1.5	1.8	6.3	22.1	37.4	31.9	20.1	1.5	0.7	0.5	125.3	10.4	0.54%	0.36%
Sch 83	340.2	443.1	381.5	419.6	502.5	587.3	596.4	600.6	539.8	417.7	414.3	463.4	5,706.3	475.5	15.25%	16.24%
Sch 85	320.6	394.6	365.3	398.0	448.1	493.2	504.0	502.9	442.1	381.8	375.1	371.6	4,997.3	416.4	12.95%	14.22%
Sch 89	55.7	59.9	56.2	56.6	60.6	62.2	59.1	66.0	64.5	57.8	54.2	46.1	699.1	58.3	1.73%	1.99%
Sch 90	214.2	227.7	214.7	217.1	232.2	242.2	248.3	253.6	249.4	229.3	237.9	221.5	2,788.0	232.3	7.15%	7.93%
Sch 91/95	13.1	13.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	9.0	13.1	13.1	70.6	5.9	0.20%	0.20%
Sch 92	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.7	0.3	0.01%	0.01%
Totals	3.011.3	3.062.4	2.652.1	2.575.5	2.638.9	2.880.2	3.317.7	3.450.3	2.845.5	2.507.1	2.861.5	3.339.6	35.142.1	2.928.5	100.0%	100.0%

		Generation	<b>0</b> 1
	(	Capacity	Substations
2021	1	0	0
2022	2	0	0
2023	3	0	0
2024	4	0	0
2025	5	1	0
2026	6	1	0
2027	7	1	0
2028	8	1	0
2029	9	1	0
2030	10	1	0
2031	11	1	0
2032	12	1	0
2033	13	1	0
2034	14	1	0
2035	15	1	0
2036	16	1	0
2037	17	1	1
2038	18	1	1
2039	19	1	1
2040	20	1	1
		0.77	0.17

Inflation 2.05%

# PORTLAND GENERAL ELECTRIC ALLOCATION OF GENERATION REVENUE REQUIREMENT TO COS CUSTOMERS 2019

Schedules	COS Calendar Energy	Marginal Energy Costs (\$000)	Generation Capacity Allocation	Marginal Capacity Costs (\$000)	Marginal Capacity & Energy Costs (\$000)	Capacity & Energy Allocation Percent	Allocation of Load Following (\$000)	Allocated Capacity & Energy Costs (\$000)	Cycle Basis Costs (\$000)	Cycle Basis Pct.	Capacity Marginal Costs	Energy Marginal Costs	Capacity Percent	Energy Percent
Schedule 7	7,568,915	\$307,309	52.97%	\$186,172	\$493,481	47.23%	\$773	\$488,086	\$488,086	47.3%	\$186,172	\$307,309	37.7%	62.3%
Schedule 15	15,774	\$562	0.06%	\$219	\$781	0.07%	\$1	\$773	\$773	0.1%	\$219	\$562	28.0%	72.0%
Schedule 32	1,631,912	\$65,236	8.85%	\$31,089	\$96,325	9.22%	\$151	\$95,272	\$95,345	9.2%	\$31,089	\$65,236	32.3%	67.7%
Schedule 38	31,497	\$1,298	0.12%	\$416	\$1,715	0.16%	\$3	\$1,696	\$1,695	0.2%	\$416	\$1,298	24.3%	75.7%
Schedule 47	21,670	\$912	0.18%	\$643	\$1,554	0.15%	\$2	\$1,537	\$1,535	0.1%	\$643	\$912	41.3%	58.7%
Schedule 49	64,510	\$2,725	0.54%	\$1,885	\$4,610	0.44%	\$7	\$4,560	\$4,562	0.4%	\$1,885	\$2,725	40.9%	59.1%
Schedule 83	2,887,308	\$116,524	15.25%	\$53,601	\$170,124	16.28%	\$266	\$168,264	\$168,128	16.3%	\$53,601	\$116,524	31.5%	68.5%
Schedule 85	2,714,651	\$107,903	12.95%	\$45,523	\$153,426	14.68%	\$1,707	\$153,216	\$153,171	14.8%	\$45,523	\$107,903	29.7%	70.3%
Schedule 89	454,957	\$17,521	1.73%	\$6,081	\$23,602	2.26%	\$209	\$23,515	\$23,979	2.3%	\$6,081	\$17,521	25.8%	74.2%
Schedule 90	1,867,228	\$71,461	7.15%	\$25,119	\$96,579	9.24%	(\$3,124)	\$92,248	\$91,944	8.9%	\$25,119	\$71,461	26.0%	74.0%
Schedule 91/95	50,583	\$1,803	0.20%	\$702	\$2,505	0.24%	\$4	\$2,478	\$2,478	0.2%	\$702	\$1,803	28.0%	72.0%
Schedule 92	2,496	\$97	0.01%	\$32	\$129	0.01%	\$0	\$128	\$128	0.0%	\$32	\$97	24.9%	75.1%
TOTAL	17,311,501	\$693,350	100.0%	\$351,482	\$1,044,832	100.00%	(\$0)	\$1,031,772	\$1,031,821		\$351,482	\$693,350	33.6%	66.4%
Simple Cycle Proxy F Projected Peak Load Marginal Capacity Co				\$101.87 3,450 \$351,482		TARGET		\$1,031,772						

# PORTLAND GENERAL ELECTRIC Marginal Energy Costs: 2019 Test Period

	Marginal	
Cahadulaa	Energy	Energy
Schedules	Cost	Percent
Schedule 7	\$307,308,874	44.32%
Schedule 15	\$562,193	0.08%
Schedule 32	\$65,235,679	9.41%
Schedule 38	\$1,298,219	0.19%
Schedule 47	\$911,680	0.13%
Schedule 49	\$2,725,411	0.39%
Schedule 83	\$116,523,932	16.81%
Schedule 85	\$107,903,245	15.56%
Schedule 89	\$17,520,672	2.53%
Schedule 90	\$71,460,657	10.31%
Schedule 91/95	\$1,802,803	0.26%
Schedule 92	\$96,792	0.01%
TOTAL	\$693,350,157	100.00%

### Load Following/Integration Allocation

				LIE 240	LIE 240	LIE 240	UE 335	UE 335	Total	Total		
				UE 319	UE 319	UE 319	Settlement	Settlement	Total	Total		
		Generation	Adjusted	Load follow	Load follow	Transfer	Load follow	Load follow	Load follow	Transfer		Cycle
Schedule	Calendar MWh	Allocation	Allocation	Allocation	Price	Payment	Allocation	Price	Price	Payment	Cycle MWh	Revenues
Sch 7	7,568,915	47.23%	52.04%	\$772,717	0.10	\$772,717			0.10	\$772,717	7,568,918	\$772,717
Sch 15	15,774	0.07%	0.08%	\$1,223	0.08	\$1,223			0.08	\$1,223	15,774	\$1,223
Sch 32	1,631,912	9.22%	10.16%	\$150,830	0.09	\$150,830			0.09	\$150,830	1,633,156	\$150,945
Sch 38	31,497	0.16%	0.18%	\$2,685	0.09	\$2,685			0.09	\$2,685	31,475	\$2,683
Sch 47	21,670	0.15%	0.16%	\$2,434	0.11	\$2,434			0.11	\$2,434	21,633	\$2,430
Sch 49	64,510	0.44%	0.49%	\$7,219	0.11	\$7,219			0.11	\$7,219	64,540	\$7,222
Sch 83	2,887,308	16.28%	17.94%	\$266,389	0.09	\$266,389			0.09	\$266,389	2,884,961	\$266,173
Sch 85	2,714,651	14.68%	16.18%	\$240,242	0.09	\$240,242	\$1,467,240	0.54	0.63	\$1,707,482	2,713,846	\$1,706,976
Sch 89	454,957	2.26%	2.49%	\$259,326	0.57	\$259,326	(\$50,751)	(0.11)	0.46	\$208,575	463,935	\$212,691
Sch 90	1,867,228			(\$1,707,189)	(0.91)	(\$1,707,189)	(\$1,416,489)	(0.76	(1.67)	(\$3,123,679)	1,861,066	(\$3,113,371)
Sch 91/95	50,583	0.24%	0.26%	\$3,922	0.08	\$3,922			0.08	\$3,922	50,583	\$3,922
Sch 92	2,496	0.01%	0.01%	\$202	0.08	\$202			0.08	\$202	2,496	\$202
Totals	17,311,501	90.76%	100.00%	(\$0)	)	(\$0)					17,312,384	\$13,813

Load Following Allocation:

MWh 1,314,000

Price (mills/kWh) 1.13 (UE 319 settlement)

Allocation \$1,484,820

MWh 1,314,000

Price (mills/kWh) 0.25 (maximum price)

Allocation \$222,369

328,500

UE 335 Settlement Load Follow Allocation

				Change		
		Current	Proposed	Before	Equal %	
Schedule	MWh	Revenues	Revenues	Equalizing	Change	Difference
Sch 85	2,714,651	\$214,693,404	\$210,285,551	(\$4,407,853)	(\$4,406,789)	\$1,064
Sch 89	454,957	\$30,630,149	\$30,000,063	(\$630,086)	(\$628,713)	\$1,372
Sch 90	1,867,228	\$108,051,394	\$105,835,971	(\$2,215,423)	(\$2,217,859)	(\$2,436)
Total		\$353,374,946	\$346,121,585	(\$7,253,361)		
				-2.05%		

### Fixed and NVPC Prices

		Generation	Generation		Fixed	Fixed	NVPC			
Schedule	Cal. MWh	Allocation	Fixed	NVPC	mills/kWh	Revenues	mills/kWh			
Sch 7	7,568,915	47.23%	\$316,561,014	\$170,751,844	41.82	\$316,532,034	22.56	64.38	\$170,754,727	\$487,286,761
Sch 15	15,774	0.07%	\$501,088	\$270,285	31.77	\$501,140	17.13	48.90	\$270,209	\$771,349
Sch 32	1,631,912	9.22%	\$61,791,153	\$33,329,920	37.86	\$61,784,176	20.42	58.28	\$33,323,637	\$95,107,813
Sch 38	31,497	0.16%	\$1,099,956	\$593,312	34.92	\$1,099,881	18.84	53.76	\$593,406	\$1,693,287
Sch 47	21,670	0.15%	\$997,052	\$537,806	46.01	\$997,042	24.82	70.83	\$537,852	\$1,534,894
Sch 49	64,510	0.44%	\$2,957,360	\$1,595,189	45.84	\$2,957,138	24.73	70.57	\$1,595,332	\$4,552,470
Sch 83	2,887,308	16.28%	\$109,132,384	\$58,865,606	37.80	\$109,140,257	20.39	58.19	\$58,872,218	\$168,012,475
Sch 85-S	2,115,981	11.49%	\$77,016,237	\$41,542,274	36.40	\$77,021,717	19.63	56.03	\$41,536,711	\$118,558,428
Sch 85-P	598,670	3.19%	\$21,404,592	\$11,545,558	35.75	\$21,402,437	19.29	55.04	\$11,548,336	\$32,950,773
Sch 89-S	0	0.00%	\$0	\$0	33.97	\$0	18.32	52.29	\$0	\$0
Sch 89-P	392,599	1.95%	\$13,088,821	\$7,060,062	33.34	\$13,089,236	17.98	51.32	\$7,058,922	\$20,148,159
Sch 89-T	62,359	0.31%	\$2,051,246	\$1,106,434	32.89	\$2,050,980	17.74	50.63	\$1,106,245	\$3,157,225
Sch 90-P	1,867,228	9.24%	\$61,954,179	\$33,417,856	33.18	\$61,954,614	17.90	51.08	\$33,423,375	\$95,377,989
Sch 91/95	50,583	0.24%	\$1,606,866	\$866,738	31.77	\$1,607,022	17.13	48.90	\$866,487	\$2,473,509
Sch 92	2,496	0.01%	\$82,715	\$44,616	33.14	\$82,717	17.88	51.02	\$44,628	\$127,346
Totals	17,311,501	100.00%	\$670,244,663	\$361,527,500	38.72	\$670,220,391	20.88			

31.83

Category	Rev. Req.	Percent
Fixed	\$670,245	64.96%
Variable	\$361,528	35.04%
Total	\$1.031.772	100.00%

### Busbar Loads

Sch 85-S Sch 85-P	2,260,926 628,364
Sch 89-S	0
Sch 89-P	412,071
Sch 89-T	64,579
Totals	3,365,940

# PORTLAND GENERAL ELECTRIC ALLOCATION OF TRANSMISSION REVENUE REQUIREMENT

Schedules	12 CP MW	Unit Marginal Cost	Marginal Cost	Transmission Allocation Percent	Class Revenue Requirement
Schedule 7	1,455.4	\$11.98	\$17,436	49.70%	\$16,084
Schedule 15	1.8	\$11.98	\$22	0.06%	\$20
Schedule 32	264.4	\$11.98	\$3,167	9.03%	\$2,921
Schedule 38	4.2	\$11.98	\$50	0.14%	\$46
Schedule 47	3.5	\$11.98	\$42	0.12%	\$39
Schedule 49	10.4	\$11.98	\$125	0.36%	\$115
Schedule 83	475.5	\$11.98	\$5,697	16.24%	\$5,255
Schedule 85	416.4	\$11.98	\$4,989	14.22%	\$4,602
Schedule 89	58.3	\$11.98	\$698	1.99%	\$644
Schedule 90-P	232.3	\$11.98	\$2,783	7.93%	\$2,568
Schedules 91/95	5.9	\$11.98	\$71	0.20%	\$65
Schedule 92	0.3	\$11.98	\$4	0.01%	\$3
Totals	2,928.5		\$35,084		
Target				100.00%	\$32,364
Unit Marginal Cost \$/kW		\$11.98			

# PORTLAND GENERAL ELECTRIC ALLOCATION OF ANCILLARY SERVICE REVENUE REQUIREMENT 2019

Schedules	Production Allocation Percent	Class Revenue Requirement
Schedule 7	47.23%	\$2,282
Schedule 15	0.07%	\$4
Schedule 32	9.22%	\$445
Schedule 38	0.16%	\$8
Schedule 47	0.15%	\$7
Schedule 49	0.44%	\$21
Schedule 83	16.28%	\$787
Schedule 85	14.68%	\$710
Schedule 89	2.26%	\$109
Schedule 90-P	9.24%	\$447
Schedules 91/95	0.24%	\$12
Schedule 92	0.01%	\$1
TOTAL	100.00%	\$4,832
	TARGET	\$4,832

## PORTLAND GENERAL ELECTRIC Calculation of Generation Revenues for Trojan Allocation

	2019	Proposed	2019 Base
	Cycle	Energy	Energy
Schedule	MWh	Price	Revenues
Sch 7			
Block 1	6,290,496	63.29	\$398,125,480
Block 2	1,278,422	70.51	\$90,141,551
Sch 15	15,774	48.98	\$772,611
Sch 32	1,633,156	58.42	\$95,408,956
Sch 38			
On-peak	17,091	60.70	\$1,037,433
Off-peak	14,383	45.70	\$657,324
Sch 47	21,633	70.94	\$1,534,677
Sch 49	64,540	70.68	\$4,561,710
Sch 83-S			
On-peak	1,909,059	63.35	\$120,938,883
Off-peak	975,902	48.35	\$47,184,886
Sch 85-S			
On-peak	1,390,849	61.91	\$86,107,440
Off-peak	731,573	46.91	\$34,318,112
Sch 85-P			
On-peak	374,238	60.86	\$22,776,136
Off-peak	217,186	45.86	\$9,960,158
Sch 89-S			
On-peak	0	58.69	\$0
Off-peak	0	43.69	\$0
Sch 89-P			
On-peak	238,945	57.73	\$13,794,316
Off-peak	162,231	42.73	\$6,932,119
Sch 89-T			
On-peak	41,003	57.02	\$2,338,008
Off-peak	21,755	42.02	\$914,166
Sch 90-P			
On-peak	1,070,638	55.77	\$59,709,460
Off-peak	790,429	40.77	\$32,225,780
Sch 91/95	50,583	48.98	\$2,477,555
Sch 92	2,496	51.09	\$127,521
Totals	17,312,384		\$1,032,044,281

Note: includes DA priced at COS

	2019		2019 Base
	Cycle	Energy	Energy
Schedule	MWh	Price	Revenues
Sch 485-S			
On-peak	368,393	61.91	\$22,807,224
Off-peak	226,709	46.91	\$10,634,905
Sch 485-P			
On-peak	203,247	60.86	\$12,369,587
Off-peak	128,091	45.86	\$5,874,268
Sch 489-S GT 4 MW			
On-peak	8,771	58.69	\$514,779
Off-peak	4,711	43.69	\$205,816
Sch 489-P GT MW			
On-peak	559,151	57.73	\$32,279,764
Off-peak	401,882	42.73	\$17,172,439
Sch 489-T			
On-peak	110,242	57.02	\$6,285,993
Off-peak	76,929	42.02	\$3,232,575
Totals	2.088.126		\$111.377.350

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## PORTLAND GENERAL ELECTRIC ALLOCATION OF FRANCHISE FEES

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Schedules	Distribution Allocations	Transmission Allocations	Generation Allocations	Schedule 129 Allocations	Subtotal Allocations	Distribution Fran. Fee Allocations	Fransmission Fran. Fee Allocations	Generation Fran. Fee Allocations	Schedule 129 Fran. Fee Allocations	Total Fran. Fee Allocations
Schedule 7	\$440,429	\$18,367	\$488,086		\$946,881	\$11,330	\$472	\$12,556		\$24,358
Schedule 15	\$2,473	\$24	\$773		\$3,270	\$64	\$1	\$20		\$84
Schedule 32	\$87,137	\$3,367	\$95,345		\$185,848	\$2,242	\$87	\$2,453		\$4,781
Schedule 38	\$2,310	\$54	\$1,695		\$4,059	\$59	\$1	\$44		\$104
Schedule 47	\$2,711	\$46	\$1,535		\$4,292	\$70	\$1	\$39		\$110
Schedule 49	\$4,498	\$137	\$4,562		\$9,196	\$116	\$4	\$117		\$237
Schedule 83	\$84,410	\$6,042	\$168,128		\$258,580	\$2,171	\$155	\$4,325		\$6,652
Schedule 85	\$61,282	\$5,312	\$153,171	\$9,599	\$229,363	\$1,576	\$137	\$3,940	\$237	\$5,890
Schedule 89	\$12,819	\$1,085	\$23,979	\$11,152	\$49,035	\$330	\$28	\$617	\$297	\$1,271
Schedule 90-P	\$10,339	\$2,682	\$91,944		\$104,965	\$266	\$69	\$2,365		\$2,700
Schedules 91/95	\$8,400	\$77	\$2,478		\$10,954	\$216	\$2	\$64		\$282
Schedule 92	\$70	\$4	\$128		\$202	\$2	\$0	\$3		\$5
TOTALS	\$716,879	\$37,196	\$1,031,821	\$20,751	\$1,806,646	\$18,441	\$957	\$26,543	\$534	\$46,474

Franchise Fee Revenue Requirement

\$46,474

17,312,384

Schedules	Distribution MWh	Distribution mills/kWh	Transmission MWh	Transmission mills/kWh	Generation MWh	Generation mills/kWh	Schedule 129 MWh	Schedule 129 mills/kWh	Total COS mills/kWh	Total DA mills/kWh	Difference COS/DA mills/kWh
Schedule 7	7,568,918	1.50		0.06	7,568,918	1.66		IIIIIS/KVVII	3.22	IIIII3/KVVII	IIIIII3/KVVII
			, ,								
Schedule 15	15,774	4.03	15,774	0.04	15,774	1.26	0		5.33	4.03	1.30
Schedule 32	1,633,156	1.37	1,633,156	0.05	1,633,156	1.50	0		2.93	1.37	1.55
Schedule 38	31,475	1.89	31,475	0.04	31,475	1.39	0		3.32	1.89	1.43
Schedule 47	21,633	3.22	21,633	0.05	21,633	1.82	0		5.10		
Schedule 49	64,540	1.79	64,540	0.05	64,540	1.82	0		3.67	1.79	1.87
Schedule 83	2,884,961	0.75	2,884,961	0.05	2,884,961	1.50	0		2.31	0.75	1.55
Schedule 85-S	2,717,524	0.44	2,122,422	0.05	2,122,422	1.46	595,102	0.26	1.94	0.69	1.25
Schedule 89-S	13,482	0.21	0	0.06	0	1.36	13,482	0.26	1.63	0.46	1.16
Schedule 85-P	922,762	0.43	591,424	0.05	591,424	1.43	331,338	0.26	1.91	0.68	1.22
Schedule 89-P	1,362,209	0.20	401,176	0.06	401,176	1.33	961,033	0.26	1.60	0.46	1.14
Schedule 89-T	249,930	0.20	62,759	0.06	62,759	1.31	187,171	0.26	1.57	0.46	1.12
Schedule 90-P	1,861,066	0.14	1,861,066	0.04	1,861,066	1.27			1.45	0.14	1.31
Schedule 91/95	50,583	4.27	50,583	0.04	50,583	1.26	0		5.57	4.27	1.30
Schedule 92	2,496	0.73	2,496	0.04	2,496	1.31	0		2.08	0.73	1.36

17,312,384

2,088,126

TOTALS Revenues

Cahadulaa	MWh	Fran. Fee mills/kWh	Fran. Fee Revenues	
Schedules				
Schedule 7	7,568,918	3.22	\$24,358	
Schedule 15	15,774	5.33	\$84	
Schedule 32	1,633,156	2.93	\$4,781	
Schedule 38	31,475	3.32	\$104	
Schedule 47	21,633	5.10	\$110	
Schedule 49	64,540	3.67	\$237	
Schedule 83	2,884,961	2.31	\$6,652	
Schedule 85-S	2,122,422	1.94	\$4,125	
Schedule 485-S	595,102	0.69	\$411	
Schedule 89-S	0	1.63	\$0	
Schedule 489-S	13,482	0.46	\$6	
Schedule 85-P	591,424	1.91	\$1,128	
Schedule 485-P	331,338	0.68	\$226	
Schedule 89-P	401,176	1.60	\$640	
Schedule 489-P	961,033	0.46	\$441	
Schedule 89-T	62,759	1.57	\$99	
Schedule 489-T	187,171	0.46	\$85	
Schedule 90-P	1,861,066	1.45	\$2,700	
Schedule 91/95	50,583	5.57	\$282	
Schedule 92	2,496	2.08	\$5	
TOTALS	19,400,511		\$46,474	

19,400,511

# PORTLAND GENERAL ELECTRIC ALLOCATION OF TROJAN DECOMMISSIONING COSTS 2019

Schedules	Cycle Generation Revenues	Allocation Percent	Class Revenue Requirement	MWh	mills/kWh
Schedule 7	\$488,267,031	42.70%	\$811	7,568,918	0.11
Schedule 15	\$772,611	0.07%	\$1	15,774	0.08
Schedule 32	\$95,408,956	8.34%	\$159	1,633,156	0.10
Schedule 38	\$1,694,756	0.15%	\$3	31,475	0.09
Schedule 47	\$1,534,677	0.13%	\$3	21,633	0.12
Schedule 49	\$4,561,710	0.40%	\$8	64,540	0.12
Schedule 83	\$168,123,769	14.70%	\$279	2,884,961	0.10
Schedule 85-S	\$153,867,681	13.46%	\$256	2,717,524	0.09
Schedule 89-S	\$720,594	0.06%	\$1	13,482	0.09
Schedule 85-P	\$50,980,149	4.46%	\$85	922,762	0.09
Schedule 89-P	\$70,178,639	6.14%	\$117	1,362,209	0.09
Schedule 89-T	\$12,770,742	1.12%	\$21	249,930	0.08
Schedule 90-P	\$91,935,240	8.04%	\$153	1,861,066	0.08
Schedule 91/95	\$2,477,555	0.22%	\$4	50,583	0.08
Schedule 92	\$127,521	0.01%	\$0	2,496	0.08
TOTAL	\$1,143,421,631		\$1,900	19,400,511	
		TARGET	\$1,900		

# PORTLAND GENERAL ELECTRIC ALLOCATION OF SCHEDULE 129 TRANSITION ADJUSTMENT 2019

Schedules	Cycle Energy	Percent	Allocations (\$000)	mills/kWh
			•	
Schedule 85-S	2,717,524	38.1%	\$0	0.00
Schedule 89-S	13,482	0.2%	\$0	0.00
Schedule 85-P	922,762	12.9%	\$0	0.00
Schedule 89-P	1,362,209	19.1%	\$0	0.00
Schedule 90-P	1,861,066	26.1%	\$0	0.00
Schedule 89-T	249,930	3.5%	\$0	0.00
TOTAL	7,126,974	100.00%	\$0	
		TARGET	\$0	0.00

### ALLOCATION OF TRANSITION ADJUSTMENT FOR POST 2013 VINTAGE CUSTOMERS

Schedules	Cycle Energy	Percent	Allocations (\$000)	mills/kWh
Schedule 7	7,568,918	39.0%	(\$8,096)	(1.07)
Schedule 15	15,774	0.1%	(\$17)	(1.07)
Schedule 32	1,633,156	8.4%	(\$1,747)	(1.07)
Schedule 38	31,475	0.2%	(\$34)	(1.07)
Schedule 47	21,633	0.1%	(\$23)	(1.07)
Schedule 49	64,540	0.3%	(\$69)	(1.07)
Schedule 83	2,884,961	14.9%	(\$3,086)	(1.07)
Schedule 85-S	2,717,524	14.0%	(\$2,907)	(1.07)
Schedule 89-S	13,482	0.1%	(\$14)	(1.07)
Schedule 85-P	922,762	4.8%	(\$987)	(1.07)
Schedule 89	1,362,209	7.0%	(\$1,457)	(1.07)
Schedule 89-T	249,930	1.3%	(\$267)	(1.07)
Schedule 90-P	1,861,066	9.6%	(\$1,991)	(1.07)
Schedules 91/95	50,583	0.3%	(\$54)	(1.07)
Schedule 92	2,496	0.0%	(\$3)	(1.07)
TOTAL	19,400,511	100.00%	(\$20,751)	(1.07)
	-	TARGET	(\$20,751)	

		20	19			
Grouping		Usages	Units & Basis	Marginal Unit Cost	Marginal Cost Revenues	Class Revenue Requirement
Schedule 7 Resi	dential					
CUSTOMER						
	Single-Phase Customers Three-Phase Customers	,	Customers Customers	\$19.43 \$58.07	\$15,213 \$1	\$21,132 \$1
	Transformer & Service Single-Phase Customers Three-Phase Customers	,	Customers Customers	\$83.97 \$140.51	\$65,746 \$2	\$91,324 \$3
FACILITIES	Feeder Backbone					
Molenie	Single-Phase Customers Three-Phase Customers Feeder Local Facilities		kW, rateclass peak kW, rateclass peak	\$20.41 \$20.41	\$41,529 \$1	\$57,687 \$1
	Single-Phase Customers Three-Phase Customers		Design Demand Design Demand	\$20.10 \$20.10	\$62,950 \$1	\$87,442 \$2
DEMAND	Subtransmission Substation		kW, rateclass peak kW, rateclass peak	\$12.15 \$12.24	\$25,081 \$24,906	\$34,839 \$34,596
SUBTOTAL					\$235,430	\$327,026
Sabadula 15 Bar	sidential Outdoor Area Lighting					
CUSTOMER	Customer Service	9 847	Lights	\$3.89	\$38	\$53
	Transformer & Service		Lights	\$2.89	\$28	\$40
FACILITIES	Feeder Backbone Feeder Local Facilities		kW, rateclass peak Design Demand	\$21.38 \$20.78	\$18 \$17	\$25 \$24
DEMAND	Subtransmission Substation		kW, rateclass peak kW, rateclass peak	\$12.15 \$12.24	\$10 \$10	\$14 \$14
FIXED SUBTOTAL	Luminaires & Poles				\$122	\$337 \$506
Schedule 15 Co	mmercial Outdoor Area Lighting					
CUSTOMER	Customer Service	10,600	Lights	\$3.89	\$41	\$57
	Transformer & Service	10,600	•	\$2.89	\$31	\$43
FACILITIES	Feeeder Backbone Feeder Local Facilities		kW, rateclass peak Design Demand	\$21.38 \$20.78	\$68 \$66	\$95 \$92
DEMAND	Subtransmission Substation	,	kW, rateclass peak kW, rateclass peak	\$12.15 \$12.24	\$39 \$39	\$55 \$54
FIXED SUBTOTAL	Luminaires & Poles				\$284	\$1,291 \$1,686
Schedule 15 Ou	tdoor Area Lighting					
CUSTOMER	Customer Service Transformer & Service					\$110 \$82
FACILITIES	Feeeder Backbone Feeder Local Facilities					\$119 \$116
DEMAND	Subtransmission Substation					\$69 \$68
FIXED SUBTOTAL	Luminaires & Poles					<b>\$1,628</b> \$2,192

		20	119			
Grouping		Usages	Units & Basis	Marginal Unit Cost	Marginal Cost Revenues	Class Revenue Requirement
Calcadada 22 Con	all Nam residential Company Comics					
CUSTOMER	all Non-residential General Service Meters					
000.0	Single-Phase Customers	56,001	Customers	\$17.23	\$965	\$1,340
	Three-Phase Customers	37,764	Customers	\$72.71	\$2,746	\$3,814
	Transformer & Service					
	Single-Phase Customers	,	Customers	\$150.15	\$8,409	\$11,680
	Three-Phase Customers	37,764	Customers	\$236.86	\$8,945	\$12,425
FACILITIES	Feeder Backbone					
	Single-Phase Customers	125,011	kW, rateclass peak	\$24.70	\$3,088	\$4,289
	Three-Phase Customers	199,163	kW, rateclass peak	\$24.70	\$4,919	\$6,833
	Feeder Local Facilities					
	Single-Phase Customers		Design Demand	\$27.24	\$7,322	\$10,171
	Three-Phase Customers	438,067	Design Demand	\$12.94	\$5,669	\$7,874
DEMAND	Subtransmission	328,875	kW, rateclass peak	\$12.15	\$3,996	\$5,550
	Substation	324,174	kW, rateclass peak	\$12.24	\$3,968	\$5,512
SUBTOTAL					\$50,026	\$69,489
Schedule 38 Ge	neral Service					
CUSTOMER	Meters					
	Single-Phase Customers		Customers	\$58.07	\$3	\$4
	Three-Phase Customers	328	Customers	\$130.80	\$43	\$60
	Transformer & Service		0	0400 70	044	<b>0.4</b> 5
	Single-Phase Customers Three-Phase Customers	55 328	Customers Customers	\$196.72 \$581.00	\$11 \$191	\$15 \$265
FACILITIES	Feeder Backbone					
	Single-Phase Customers	740	kW, rateclass peak	\$24.54	\$18	\$25
	Three-Phase Customers	13,029	kW, rateclass peak	\$24.54	\$320	\$444
	Feeder Local Facilities					
	Single-Phase Customers	2,629	•	\$26.38	\$69	\$96
	Three-Phase Customers	37,809	Design Demand	\$13.09	\$495	\$687
DEMAND	Subtransmission	13,969	kW, rateclass peak	\$12.15	\$170	\$236
	Substation	13,769	kW, rateclass peak	\$12.24	\$169	\$234
SUBTOTAL					\$1,488	\$2,067
	gation & Drainage Service - < 30 kW					
CUSTOMER	Meters Single-Phase Customers	224	Customers	\$57.73	\$13	\$18
	Three-Phase Customers		Customers	\$86.54	\$246	\$341
	Transformer & Service	2,007	Cucionioro	φου.σ τ	Ψ2 10	ΨΟΤΙ
	Single-Phase Customers	224	Customers	\$10.77	\$2	\$3
	Three-Phase Customers		Customers	\$21.43	\$61	\$84
FACILITIES	Feeder Backbone					
	Single-Phase Customers		kW, rateclass peak	\$24.70	\$12	\$17
	Three-Phase Customers	12,591	kW, rateclass peak	\$24.70	\$311	\$432
	Feeder Local Facilities				_	_
	Single-Phase Customers		Design Demand	\$23.90	\$56	\$77
	Three-Phase Customers	44,541	Design Demand	\$11.35	\$506	\$702
DEMAND	Subtransmission	13,280	kW, rateclass peak	\$12.15	\$161	\$224
	Substation		kW, rateclass peak	\$12.24	\$160	\$223
SUBTOTAL					\$1,528	\$2,122
CODICIAL					ψ1,520	ΨΖ, 1 Ζ Ζ

		20	19			
Grouping		Usages	Units & Basis	Marginal Unit Cost	Marginal Cost Revenues	Class Revenue Requirement
G. Gupg		- Congre				
Schedule 49 Irrig	gation & Drainage Service - > 30 kW  Meters					
	Single-Phase Customers	6	Customers	\$58.07	\$0	\$0
	Three-Phase Customers	1,268	Customers	\$71.36	\$90	\$126
	Transformer & Service					
	Single-Phase Customers	6	Customers	\$144.93	\$1	\$1
	Three-Phase Customers	1,268	Customers	\$144.93	\$184	\$255
FACILITIES	Feeder Backbone					
	Single-Phase Customers	171	kW, rateclass peak	\$24.54	\$4	\$6
	Three-Phase Customers	36,085	kW, rateclass peak	\$24.54	\$886	\$1,230
	Feeder Local Facilities					
	Single-Phase Customers	223	Design Demand	\$24.34	\$5	\$8
	Three-Phase Customers	71,135	Design Demand	\$12.08	\$859	\$1,194
5514415		00 700		<b>010.15</b>	A	****
DEMAND	Subtransmission		kW, rateclass peak	\$12.15	\$447	\$621
	Substation	36,256	kW, rateclass peak	\$12.24	\$444	\$616
SUBTOTAL					\$2,921	\$4,057
Schedule 83 Ger	neral Service (31-200 kW)  Meters					
COSTOWLK	Single-Phase Customers	602	Customers	\$57.73	\$39	¢ee.
	•					\$55 \$4.050
	Three-Phase Customers Transformer & Service	,	Customers	\$129.44	\$1,404	\$1,950
	Single-Phase Customers		Customers	\$388.14	\$265	\$368
	Three-Phase Customers	10,846	Customers	\$1,050.66	\$11,395	\$15,829
<b>FACILITIES</b>	Feeder Backbone					
	Single-Phase Customers	18,341	kW, rateclass peak	\$24.54	\$450	\$625
	Three-Phase Customers	593,032	kW, rateclass peak	\$24.54	\$14,553	\$20,215
	Feeder Local Facilities					
	Single-Phase Customers	27,860	Design Demand	\$26.38	\$735	\$1,021
	Three-Phase Customers	900,218	Design Demand	\$13.09	\$11,784	\$16,368
DEMAND	Subtransmission	620 238	kW, rateclass peak	\$12.15	\$7,536	\$10,468
DEIVI/ (IVD	Substation		kW, rateclass peak	\$12.24	\$7,483	\$10,395
		0,0.0	ivi, ratosiaco poaix	Ų	ψ.,.σσ	ψ.ο,σσσ
SUBTOTAL					\$55,645	\$77,294
Schedule 85 Ger CUSTOMER	neral Service (201-4,000 kW) Meters					
	Secondary Customers	1,399	Customers	\$162.33	\$227	\$315
	Primary Customers Transformer & Service	236	Customers	\$1,805.54	\$427	\$593
	Secondary Customers	1.399	Customers	\$2,419.89	\$3,386	\$4,703
	Primary Customers		Customers	\$0.00	\$0	\$0
FACILITIES	Feeder Backbone	674.496	kW, rateclass peak	\$19.54	\$13,180	\$18,307
	Feeder Local Facilities		Design Demand	\$7.12	\$6,447	\$8,956
DEMAND	Subtransmission	684.276	kW, rateclass peak	\$12.15	\$8,314	\$11,549
22	Substation		kW, rateclass peak	\$12.24	\$8,256	\$11,468
SUBTOTAL					\$40,236	\$55,890

		20	119			
				Marginal Unit	Marginal Cost	Class Revenue
Grouping		Usages	Units & Basis	Cost	Revenues	Requirement
Schedule 89 Ger	neral Service (4,000 plus kW)					
COSTOWLK	Secondary Meters	1	Customers	\$175.85	\$0	\$0
	Primary Meters		Customers	\$1,809.13	\$47	\$65
	Substation Meters		Customers	\$19,774.56	\$158	\$220
	Transformer & Service	· ·	Cuotomore	ψ10,77 1.00	φισσ	ΨΣΣΟ
	Secondary Customers	1	Customers	\$14,124.26	\$14	\$20
	Primary Customers		Customers	\$0.00	\$0	\$0
	Timary Editional	20	Cucionioro	ψ0.00	ΨΟ	ΨΟ
FACILITIES	Feeder Backbone					
	Secondary Customers	1	Customers	\$76,614.00	\$77	\$106
	Primary Customers	26	Customers	\$76,614.00	\$1,992	\$2,767
	Subtransmission 115 kV Feeder	8	Customers	\$77,041.00	\$616	\$856
DEMAND	Subtransmission	237,755	kW, rateclass peak	\$12.15	\$2,889	\$4,013
	Substation (Sec. & Prim. Only)	198,570	kW, rateclass peak	\$12.24	\$2,430	\$3,376
SUBTOTAL					\$8,224	\$11,423
	nary Voltage Service					
CUSTOMER						
	Primary Meters	4	Customers	\$1,805.54	\$7	\$10
FACILITIES	Feeder Backbone	_				
	Primary Customers	4	Customers	\$365,087.00	\$1,460	\$2,029
DEMAND	Subtransmission	250 175	I/M rotoplana nagi	¢10.1E	\$3,040	\$4,222
DEMAND			kW, rateclass peak	\$12.15 \$12.24	. ,	. ,
	Substation (Sec. & Prim. Only)	246,600	kW, rateclass peak	\$12.24	\$3,018	\$4,193
SUBTOTAL					\$7,526	\$10,453
GODICIAL					Ψ1,320	Ψ10,433
Schedules 91 &	95 Streetlighting & Highway Lighting					
CUSTOMER		155,807	Lights	\$3.89	\$605	\$841
000.02	Transformer & Service	155,807	•	\$2.89	\$450	\$625
	Transformer & Cervice	100,007	Ligitio	Ψ2.00	Ψ-00	Ψ020
FACILITIES	Feeder Backbone	12 884	kW, rateclass peak	\$21.38	\$275	\$383
	Feeder Local Facilities		Design Demand	\$23.11	\$298	\$414
	1 Codor Ecodi i dominoc	12,001	Dooign Domana	Ψ20.11	Ψ200	Ψιιι
DEMAND	Subtransmission	13.071	kW, rateclass peak	\$12.15	\$159	\$221
22	Substation		kW, rateclass peak	\$12.24	\$158	\$219
		,50 1	, ratoriaco posit	Ψ.Ξ.Ξ.	ψ.50	<b>4</b> =10
FIXED	Luminaires & Poles					\$5,294
SUBTOTAL					\$1,945	\$7,997
002.0.742					ψ.,σ10	ψ.,σσι

		20	113	Marginal Unit	Marginal Cost	Class Revenue
Grouping		Usages	Units & Basis	Cost	Revenues	Requirement
Schedule 92 Tra	ffic Signals					
CUSTOMER	Transformer & Service	1,248	Intersections	\$9.19	\$11	\$16
FACILITIES	Feeder Backbone	294	kW, rateclass peak	\$21.38	\$6	\$9
	Feeder Local Facilities	294	Design Demand	\$10.44	\$3	\$4
DEMAND	Subtransmission	298	kW, rateclass peak	\$12.15	\$4	\$5
	Substation	294	kW, rateclass peak	\$12.24	\$4	\$5
SUBTOTAL					\$28	\$39
Summary					•	***
CUSTOMER	Meters Transformer & Service	894,667	Customers Customers		\$21,630 \$99,131	\$30,045 \$137,699
	Customer Service	176,254			\$685	\$951
<b>FACILITIES</b>	Feeder Backbone	, ,	kW, rateclass peak		\$83,784	\$116,380
	Feeder Local Facilities	5,848,265	Design Demand		\$97,283	\$135,132
DEMAND	Subtransmission		kW, rateclass peak		\$51,845	\$72,016
FIXED	Substation Luminaires & Poles	4,170,315	kW rateclass peak		\$51,045	\$70,904 \$6,922
TOTALS					\$405,403	\$570,049
				EQUAL PERCENT	TARGET	\$570,049 138.9%

# PORTLAND GENERAL ELECTRIC ALLOCATION OF UNCOLLECTIBLES 2019

	Marginal Cost Allocation	Class Revenue
Grouping	Percent	Requirement
Schedule 7		
Single Phase	92.60%	\$5,534
Three Phase	0.00%	\$0
Schedule 15		
Residential	0.47%	\$28
Commercial	0.34%	\$20
Schedule 32		
Single Phase	2.81%	\$168
Three Phase	1.89%	\$113
Schedule 38	0.000/	Ф.О.
Single Phase	0.00%	\$0 \$0
Three Phase	0.00%	\$0
Schedule 47		
Single Phase	0.01%	\$0
Three Phase	0.09%	\$5
Schedule 49		
Single Phase	0.00%	\$0
Three Phase	0.09%	\$6
Schedule 83		
Single Phase	0.07%	\$4
Three Phase	1.05%	\$63
Schedule 85		
Secondary	0.50%	\$30
Primary	0.08%	\$5
Schedule 89		_
Secondary	0.00%	\$0
Primary	0.00%	\$0 \$0
Subtransmission	0.00%	\$0
Schedule 90-P	0.00%	\$0
Schedules 91/95	0.00%	\$0
Schedule 92	0.00%	\$0
TOTAL	100.00%	\$5,977
	TARGET	\$5,977

		Marginal Unit Cost	Marginal Cost	Class Revenue
Grouping	Customers	\$ per Customer	Revenues	Requirement
Schedule 7				
Single Phase	782,966	\$0.31	\$243	\$6,796
Three Phase	15	\$0.31	\$0	\$0
Schedule 15				
Residential	5,491	\$0.00	\$0	\$0
Commercial	3,995	\$0.00	\$0	\$0
Schedule 32				
Single Phase	56,001	\$0.69	\$39	\$1,082
Three Phase	37,764	\$0.69	\$26	\$730
Schedule 38				
Single Phase	55	\$11.27	\$1	\$17
Three Phase	328	\$11.27	\$4	\$103
Schedule 47				
Single Phase	224	\$1.05	\$0	\$7
Three Phase	2,837	\$1.05	\$3	\$83
Schedule 49				
Single Phase	6	\$1.18	\$0	\$0
Three Phase	1,268	\$1.18	\$1	\$42
Schedule 83				
Single Phase	683	\$2.57	\$2	\$49
Three Phase	10,846	\$2.57	\$28	\$780
Schedule 85				
Secondary	1,399	\$11.93	\$17	\$467
Primary	236	\$11.93	\$3	\$79
Schedule 89				
Secondary	1	\$1.48	\$0	\$0
Primary	26	\$1.48	\$0	\$1
Subtransmission	8	\$1.48	\$0	\$0
Schedule 90-P	4	\$0.21	\$0	\$0
Schedules 91/95	203	\$0.00	\$0	\$0
Schedule 92	16	\$0.00	\$0	\$0
TOTAL	004 270		<b>የ</b> ጋፍድ	¢40 220
TOTAL	904,372		\$366	\$10,238
		EQUAL PERCENT	TARGET	\$10,238 2800%

		Marginal Unit Cost	Marginal Cost	Class Revenue
Grouping	Customers	\$ per Customer	Revenues	Requirement
Schedule 7				
Single Phase	782,966	\$39.01	\$30,544	\$60,633
Three Phase	15	\$39.01	\$1	\$1
Schedule 15				
Residential	5,491	\$6.28	\$34	\$68
Commercial	3,995	\$8.06	\$32	\$64
	,			
Schedule 32			•	
Single Phase	56,001	\$33.09	\$1,853	\$3,679
Three Phase	37,764	\$33.09	\$1,250	\$2,481
Schedule 38				
Single Phase	55	\$41.14	\$2	\$4
Three Phase	328	\$41.14	\$13	\$27
Schedule 47		000.45		<b></b>
Single Phase	224	\$33.15	\$7	\$15
Three Phase	2,837	\$33.15	\$94	\$187
Schedule 49				
Single Phase	6	\$36.48	\$0	\$0
Three Phase	1,268	\$36.48	\$46	\$92
0-11-1-00				
Schedule 83	683	¢41 F0	የ ጋር	¢ec.
Single Phase Three Phase	10,846	\$41.59 \$41.59	\$28 \$451	\$56 \$895
THICCT HASC	10,040	Ψ+1.00	ΨΟΙ	φοσσ
Schedule 85				
Secondary	1,399	\$83.38	\$117	\$232
Primary	236	\$83.38	\$20	\$39
Schedule 89				
Secondary	1	\$181.76	\$0	\$0
Primary	26	\$181.76	\$5	\$9
Subtransmission	8	\$181.76	\$1	\$3
Schedule 90-P	4	\$17.96	\$0	\$0
Schedules 91/95	202	¢004 02	<b>\$200</b>	¢207
Schedules 91/95	203	\$984.82	\$200	\$397
Schedule 92	16	\$981.15	\$16	\$31
TOTAL	004.070		<b>00474</b> 5	<b>#</b> 00.045
TOTAL	904,372		\$34,715	\$68,915
			TARGET	\$68,915
		<b>EQUAL PERCENT</b>		199%

## PORTLAND GENERAL ELECTRIC ALLOCATION OF CONSUMER REVENUE REQUIREMENT 2019

		Marginal Unit Cost	Marginal Cost	Class Revenue
Grouping	Customers	\$ per Customer	Revenues	Requirement
Schedule 7				
Single Phase	782,966	\$24.05	\$18,830	\$39,625
Three Phase	15	\$24.05	\$0	\$1
Schedule 15	5 404	<b>#</b> 4.05	<b>#07</b>	<b>#F7</b>
Residential Commercial	5,491	\$4.95	\$27	\$57
Commerciai	3,995	\$4.95	\$20	\$42
Schedule 32				
Single Phase	56,001	\$46.82	\$2,622	\$5,517
Three Phase	37,764	\$46.82	\$1,768	\$3,721
Schedule 38	EE	£400 c0	<b></b>	<b>C42</b>
Single Phase Three Phase	55 328	\$109.69 \$109.69	\$6 \$36	\$13 \$76
Tillee Pilase	320	\$109.69	φ30	Φ/ Ο
Schedule 47				
Single Phase	224	\$44.91	\$10	\$21
Three Phase	2,837	\$44.91	\$127	\$268
Schedule 49		<b>#</b> 400.40	0.4	
Single Phase Three Phase	6	\$109.48	\$1 \$1	\$1
Three Phase	1,268	\$109.48	\$139	\$292
Schedule 83				
Single Phase	683	\$205.64	\$140	\$295
Three Phase	10,846	\$205.64	\$2,230	\$4,693
Schedule 85	4 200	£4 000 04	<b>#4 707</b>	<b>Ф</b> 2 <b>Б</b> 22
Secondary	1,399 236	\$1,220.21 \$1,220.21	\$1,707 \$288	\$3,592 \$607
Primary	230	\$1,220.21	φ200	φ007
Schedule 89				
Secondary	1	\$9,411.51	\$9	\$20
Primary	26	\$9,411.51	\$245	\$515
Subtransmission	8	\$9,411.51	\$75	\$158
0       00	,	<b>#</b> 00 <b>5</b> 04 <b>5</b> 0	<b>*</b> 404	Ф000
Schedule 90-P	4	\$33,521.59	\$134	\$282
Schedule 91/95	203	\$4.95	\$1	\$2
		*	**	*-
Schedule 92	16	\$4.95	\$0	\$0
TOTAL	904,372		\$28,418	\$59,800
. 🗸 17 🚾	001,012		Ψ20,110	<b>400,000</b>
			TARGET	\$59,800
		<b>EQUAL PERCENT</b>		210%

## PORTLAND GENERA ELECTRIC Suballocation of Schedule 89/90 Costs Based on Billing Demand

### **Initial Cost Allocations**

Cost Category	Sch 89	Sch 90	Totals
Transmission	\$644	\$2,568	\$3,211
Ancillary	\$109	\$447	\$556
Subtransmission	\$4,013	\$4,222	\$8,235
Substations	<u>\$3,376</u>	<b>\$4,193</b>	<u>\$7,569</u>
Totals	\$8,142	\$11,429	\$19,571

### **Billing Demand**

Cost Category	Sch 89	Sch 90	Totals
Transmission	1,093,010	2,701,624	3,794,634
Ancillary	1,093,010	2,701,624	3,794,634
Subtransmission	3,054,153	2,701,624	5,755,777
Substations	2,410,228	2,701,624	5,111,852

### **Reallocation of Costs**

Cost Category	Sch 89	Sch 90	Totals
Transmission	\$925	\$2,286	\$3,211
Ancillary	\$160	\$396	\$556
Subtransmission	\$4,370	\$3,865	\$8,235
Substations	<b>\$3,569</b>	\$4,000	<b>\$7,569</b>
Totals	\$9,023	\$10,547	\$19,571

## PORTLAND GENERAL ELECTRIC RATE DESIGN INPUT SUMMARY - ALLOCATION OF 2019 COSTS TO RATE SCHEDULES (\$000)

	Energy-Based Charges Tran						Related C	harges		Distribution D	emand & Fa	cilities Char	ges	•	
	Power	Franchise					Ancillary				Feeder	Feeder		•	
Grouping	Supply	Fees	Trojan	Sch 129	Subtotal	Transmission	Services	Subtotal	Substation	Subtrans.	Backbone	Facilities	Subtotal	Subtotal	Total
Schedule 7	\$488,086	\$24,358	\$811	(\$8,096)	\$17,073	\$16,084	\$2,282	\$18,367	\$34,596	\$34,839	\$57,688	\$87,443	\$214,566	\$738,092	\$963,143
Schedule 15	\$773	\$84	\$1	(\$17)	\$69	\$20	\$4	\$24	\$68	\$69	\$119	\$116	\$372	\$1,237	\$3,337
Schedule 32	\$95,345	\$4,781	\$159	(\$1,747)	\$3,192	\$2,921	\$445	\$3,367	\$5,512	\$5,550	\$11,122	\$18,045	\$40,229	\$142,133	\$188,882
Schedule 38	\$1,695	\$104	\$3	(\$34)	\$74	\$46	\$8	\$54	\$234	\$236	\$469	\$784	\$1,723	\$3,545	\$4,130
Schedule 47	\$1,535	\$110	\$3	(\$23)	\$90	\$39	\$7	\$46	\$223	\$224	\$449	\$780	\$1,675	\$3,346	\$4,379
Schedule 49	\$4,562	\$237	\$8	(\$69)	\$175	\$115	\$21	\$137	\$616	\$621	\$1,236	\$1,201	\$3,674	\$8,548	\$9,364
Schedule 83 Secondary	\$168,128	\$6,652	\$279	(\$3,086)	\$3,845	\$5,255	\$787	\$6,042	\$10,395	\$10,468	\$20,840	\$17,389	\$59,092	\$237,107	\$262,146
Schedule 85 Secondary Primary Class Total	\$153,171	\$4,536 \$1,354	\$256 \$85	(\$2,907) (\$987)	\$1,885 \$452	\$4,602	\$710	\$5,312	\$11,468	\$11,549	\$18,307	\$8,956	\$50,279	\$1,885 \$452 \$208,762	\$11,225 \$1,774 \$208,762
Schedule 89 Secondary Primary Subtransmission Class Total	\$23,979	\$6 \$1,081 \$184	\$1 \$117 \$21	(\$14) (\$1,457) (\$267)	(\$7) (\$259) (\$62)		\$160	\$1,085	\$3,569	\$4,370	\$106 \$2,767 \$856		\$106 \$2,767 \$856 \$7,938	\$99 \$2,508 \$794 \$33,003	\$140 \$3,098 \$1,176 \$33,003
Schedule 90-P	\$91,944	\$2,700	\$153	(\$1,991)	\$862	\$2,286	\$396	\$2,682	\$4,000	\$3,865	\$2,029		\$9,894	\$105,382	\$105,675
Schedules 91 & 95	\$2,478	\$282	\$4	(\$54)	\$232	\$65	\$12	\$77	\$219	\$221	\$383	\$414	\$1,236	\$4,022	\$11,182
Schedules 92	\$128	\$5	\$0	(\$3)	\$3	\$3	\$1	\$4	\$5	\$5	\$9	\$4	\$23	\$157	\$205
Totals	\$1,031,821	\$46,474	\$1,900	(\$20,751)	\$27,624	\$32,364	\$4,832	\$37,196	\$70,904	\$72,016	\$116,380	\$135,132	\$394,432	\$1,491,072	\$1,811,619

## PORTLAND GENERAL ELECTRIC RATE DESIGN INPUTS (CONTINUED) SUMMARY - ALLOCATION OF 2019 COSTS TO RATE SCHEDULES (\$000)

	Dist. Custon	ner-Related TSM	I Uncolle	ectibles	Me	tering	В	lling	Other	Consumer	Sub	total	_		Total
	Single	Three	Single	Three	Single	Three	Single	Three	Single	Three	Single	Three	Fixed		Cost
Grouping	Phase	Phase	Phase	Phase	Phase	Phase	Phase	Phase	Phase	Phase	Phase	Phase	Costs	Subtotal	Allocations
Schedule 7	\$112,456	\$4	\$5,534	\$	0 \$6,796	\$0	\$60,633	\$1	\$39,625	\$1	\$225,045	\$6		\$225,052	\$963,143
Schedule 15	\$192		\$49		\$0	)	\$132		\$99		\$472	\$0	\$1,628	\$2,100	\$3,337
Schedule 32	\$13,020	\$16,239	\$168	\$11	3 \$1,082	\$730	\$3,679	\$2,481	\$5,517	\$3,721	\$23,466	\$23,283		\$46,749	\$188,882
Schedule 38	\$19	\$324	\$0	\$	0 \$17	\$103	\$4	\$27	\$13	\$76	\$54	\$530		\$584	\$4,130
Schedule 47	\$21	\$425	\$0	\$	5 \$7	\$83	\$15	\$187	\$21	\$268	\$64	\$969		\$1,033	\$4,379
Schedule 49	\$2	\$381	\$0	\$	6 \$0	\$42	\$0	\$92	\$1	\$292	\$4	\$812		\$816	\$9,364
Schedule 83 Secondary	\$423	\$17,779	\$4	\$6	3 \$49	\$780	\$56	\$895	\$295	\$4,693	\$828	\$24,211		\$25,039	\$262,146
Schedule 85		<b>#5.040</b>		<b>O</b> CC	0	<b>#</b> 407		<b>#000</b>		<b>#</b> 0.500	ΦO	<b>#0.000</b>		<b>#0.000</b>	
Secondary Primary		\$5,018 \$593		\$3 \$	5 5	\$467 \$79		\$232 \$39		\$3,592 \$607	\$0 \$0	\$9,339 \$1,323		\$9,339 \$1,323	\$221,761
Schedule 89															
Secondary		\$20			0	\$0		\$0		\$20	\$0	\$40		\$40	
Primary Subtransmission		\$65 \$220			0 0	\$1 \$0		\$9 \$3		\$515 \$158	\$0 \$0	\$591 \$381		\$591 \$381	\$37,416
Gubiransimission		ΨΖΖΟ		`	·	ΨΟ		ΨΟ		Ψ100	ΨΟ	ψοστ		φοστ	ψοί, τιο
Schedule 90-P		\$10		9	0	\$0		\$0		\$282	\$0	\$292		\$292	\$105,675
Schedules 91 & 95	\$1,466			9	0	\$0	\$397		\$2		\$1,865	\$0	\$5,294	\$7,160	\$11,182
Schedule 92		\$16		9	0	\$0		\$31		\$0	\$0	\$47		\$47	\$205
Totals	\$127,601	\$41,095	\$5,755	\$22	2 \$7,951	\$2,287	\$64,917	\$3,997	\$45,574	\$14,226	\$251,799	\$61,826	\$6,922	\$320,547	\$1,811,619

Reconcile to Ratespread

\$0.0

### **Lighting Additional O&M**

	Lights	Intersections
Schedule 15R	9,847	
Schedule 15C	10,600	
Schedule 91 & 95	155,807	
Schedule 92		1,248
Lights	176,254	
Intersections	170,201	1,248

### **Lighting Services Test Period O&M**

Lighting O&M \$684,845

O&M per light \$3.89

### **Design Demand per Rate Schedule**

		Average	Design
Grouping	Design	Customers	Demand
Schedule 7 1-phase	4.0	782,966	3,131,864
Schedule 7 3-phase	4.0	15	60
Schedule 32 1-phase	4.8	56,001	268,803
Schedule 32 3-phase	11.6	37,764	438,067
Schedule 38 1-phase	47.8	55	2,629
Schedule 38 3 phase	115.3	328	37,809
Schedule 47 1-phase	10.4	224	2,330
Schedule 47 3 phase	15.7	2,837	44,541
Schedule 49 1-phase	37.2	6	223
Schedule 49 3 phase	56.1	1,268	71,135
Schedule 83 1-phase	40.8	683	27,860
Schedule 83 3 phase	83.0	10,846	900,218
Schedule 85	553.7	1,635	905,530
Commercial LTE 30 kW	/ Design	NCP	
1-phase	4.8	2.2	
3-phase	11.9	5.2	
3-рнаѕе	11.9	5.2	
Commercial 31-200 kW	1		
1-phase	41.3	25.9	
3-phase	81.1	51.6	
2016 Sch 32 1-phase	12,242	(from 2016)	
Schedule 7 per custom	-	(from 2016 W.	A)
Ratio	1.21	•	,

### Determination of 2019 Class Non-coincident Peaks (115 kV)

### Determination of 2019 Class Non-coincident Peaks (Primary)

Grouping	Load Factor	MWH	Load Factor times Hrs/Year	Class Peak (MW)		Grouping	Load Factor	MWH	Load Factor times Hrs/Year	Class Peak (MW)	
Schedule 7	43.84%	7,927,682	3,840	2,064.3	2,064,294	Schedule 7	43.84%	7,814,373	3,840	2,034.8	2,034,790
Schedule 15	46.27%	16,522	4,053	4.1	4,076	Schedule 15	46.27%	16,286	4,053	4.0	4,018
Schedule 32	59.33%	1,709,264	5,197	328.9	328,875	Schedule 32	59.33%	1,684,834	5,197	324.2	324,174
Schedule 38	26.96%	32,990	2,362	14.0	13,969	Schedule 38	26.96%	32,519	2,362	13.8	13,769
Schedule 47	19.51%	22,697	1,709	13.3	13,280	Schedule 47	19.51%	22,373	1,709	13.1	13,091
Schedule 49	20.97%	67,568	1,837	36.8	36,782	Schedule 49	20.97%	66,602	1,837	36.3	36,256
Schedule 83	55.66%	3,024,167	4,876	620.2	620,238	Schedule 83	55.66%	2,980,943	4,876	611.4	611,373
Schedule 85	63.33%	3,796,164	5,548	684.3	684,276	Schedule 85	63.33%	3,741,906	5,548	674.5	674,496
Schedule 89	79.70%	1,659,936	6,982	237.8	237,755	Schedule 89	79.70%	1,386,364	6,982	198.6	198,570
Schedule 90	87.63%	1,920,444	7,676	250.2	250,175	Schedule 90	87.63%	1,892,995	7,676	246.6	246,600
Schedules 91 & 95	46.27%	52,981	4,053	13.1	13,071	Schedules 91 & 95	46.27%	52,223	4,053	12.9	12,884
Schedule 92	100.00%	2,614	8,760	0.3	298	Schedule 92	100.00%	2,577	8,760	0.3	294
Totals		20,233,028		4,267		Totals		19,693,995		4,170	

#### Schedule Rate Class Peak per Customer

		_	
	Class	Average	
Grouping	Peak (MW)	Accounts	Peak (kW)
Schedule 7	2,034.8	782,981	2.60
Schedule 32	324.2	93,765	3.50
Schedule 38	13.8	383	36.00
Schedule 47	13.1	3,061	4.30
Schedule 49	36.3	1,274	28.50
Schedule 83	611.4	11,529	53.00
Schedule 85	674.5	1,635	412.40
Schedule 89	198.6	35	5,673.40
	Customer BD		1

Schedule 7 1-phase Schedule 7 3-phase	Customer BD 9,395,591 180 9,395,771			NCP 2,034.8 0.0 2,034.79	NCP	2.6 2.6
Scheddule 15R Scheddule 15C		3,264 12,510 15,774		0.8 3.2 4.0		
Schedule 32 1-phase Schedule 32 3-phase	Customer BD 672,008 <u>453,173</u> 1,125,181	Energy/cust 11,641 27,503	651,930 1,038,628 1,690,558	125.0 199.2 324.17	NCP	2.2 5.3
Schedule 38 1-phase Schedule 38 3-phase	660 <u>3,935</u> 4,595	30,830 91,056	1,696 29,859 31,554	0.7 13.0 13.77 NCP	NCP	13.5 39.7
Schedule 47 1-phase Schedule 47 3-phase	2,688 <u>34,044</u> 36,732	Energy/cust 3,771 7,504 Energy/cust	845 21,288 22,133	0.5 12.6 13.09	NCP	2.2 4.4
Schedule 49 1-phase Schedule 49 3-phase	72 <u>15,216</u> 15,288	50,754 50,754	305 64,356 64,660	0.2 36.1 36.26		28.5 28.5
Schedule 83 1-phase Schedule 83 3-phase	8,194 <u>130,152</u> 138,346	Energy/cust 130,301 265,250	88,974 2,876,897 2,965,871	18.3 593.0 611.37	NCP	26.9 54.7

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### **PORTLAND GENERAL ELECTRIC**

### 2019 Projection of Schedule 485/489 Loads & Schedule 129 Revenues

		Cycle		
	Meter	Cycle Meter	Schedule 129	Schedule 129
Schedules & Vintages	MWa	MWH	mills/kWh	Revenues (\$000)
Schedule 485-S V2003	1.3	11,734	0.00	\$0
Schedule 485-S V2010	3.7	32,240	0.00	\$0
Schedule 485-S V2011	3.9	34,163	0.00	\$0
Schedule 485-S V2012	22.0	192,487	0.00	\$0
Schedule 485-S V2013	12.3	107,529	0.00	\$0
Schedule 485-S V2014	1.2	10,866	0.00	\$0
Schedule 485-S V2015	0.5	4,779	21.72	\$104
Schedule 485-S V2016	1.4	12,453	28.66	\$357
Schedule 485-S V2017	11.9	104,545	28.46	\$2,975
Schedule 485-S V2018	7.3	63,692	30.72	\$1,957
Schedule 485-S V2019	2.4	20,614	29.72	\$613
Schedule 489-S V2014	1.5	13,482	0.00	\$0
Schedule 485-P V2010	2.8	24,415	0.00	\$0
Schedule 485-P V2011	0.0	0	0.00	\$0
Schedule 485-P V2012	4.0	35,086	0.00	\$0
Schedule 485-P V2013	14.7	128,740	0.00	\$0
Schedule 485-P V2014	1.0	8,879	0.00	\$0
Schedule 485-P V2015	4.0	35,096	21.53	\$756
Schedule 485-P V2016	0.0	0	28.34	\$0
Schedule 485-P V2017	7.4	65,259	28.00	\$1,827
Schedule 485-P V2018	1.4	12,047	30.31	\$365
Schedule 485-P V2019	2.5	21,816	29.58	\$645
Schedule 489-P V2004	8.6	75,020	0.00	\$0
Schedule 489-P V2010	8.4	73,367	0.00	\$0
Schedule 489-P V2011	20.5	179,170	0.00	\$0
Schedule 489-P V2012	9.9	87,123	0.00	\$0
Schedule 489-P V2013	6.4	56,400	0.00	\$0
Schedule 489-P V2014	7.8	68,114	0.00	\$0
Schedule 489-P V2016	7.6	66,250	26.05	\$1,726
Schedule 489-P V2017	16.3	143,156	26.05	\$3,729
Schedule 489-P V2018	19.0	166,555	27.11	\$4,515
Schedule 489-P V2019	5.2	45,879	25.76	\$1,182
Schedule 489-T V2007	0.2	1,733	0.00	\$0
Schedule 489-T V2012	11.5	100,778	0.00	\$0
Schedule 489-T V2013	9.7	84,661	0.00	\$0
Total	238.4	2,088,126		\$20,751
Pre 2014 Amounts				\$0
Post 2014 Amounts				\$20,751
1 Oct 2014 Amounts				Ψ20,101
Schedule 485				\$9,599
Schedule 489				\$11,152

## PORTLAND GENERAL ELECTRIC Revenue Changes

Schedule   T	Grouping	Basic Charge 1-phase	Basic Charge 3-phase	Vol. Trans & Related Revenues	Demand Transmission & Related Revenues	Demand Transmission & Related Revenues	Volumetric Dist. Revenues	Volumetric Dist. Revenues	Volumetric Dist. Revenues	Facilities Revenues
Sebendari   So										
Schedule 32 \$2,06,024 \$2,719,038 \$498,947 \$9 \$9 \$813,052 \$1,234,426 \$9 \$9 \$9 \$0.500,527 \$1,050,750 \$9 \$9 \$9 \$1,050,750 \$9 \$9 \$9 \$1,050,750 \$9 \$9 \$9 \$9 \$9 \$9 \$9 \$9 \$9 \$9 \$9 \$9 \$9										
Schedule 36										
Schedule 47   \$2.68   \$3.0,44   \$5,700   \$0   \$15,800   \$31,848   \$0   \$9.00   \$0.00	Schedule 38									
Schedule 83-S	Schedule 47	\$2,688	\$34,044		\$0	\$0	\$16,805	\$31,438	\$0	\$0
Schedule 8-S								1000		
Schedule 89-S Schedule 91										
Schedule 91										
Schedule 92		**	**				**		**	**
Seneducie 95			* -	* - 1 -						
Schedule B9-P   S0   S0   S1   S1   S1   S1   S1   S1			\$0	\$5,450						
Schedulus 89-P   \$0   \$15,240   \$0   \$10,664   \$0   \$0   \$0   \$0   \$5   \$55,220	Subtotal	\$2,063,162	\$4,301,137	\$538,969	\$1,861,423	\$0	\$887,622	\$1,199,175	\$0	(\$1,072,234)
Schedule 90-P   S0										
Schedule 89-T	00.1044.0 00 1									
Scheduler 75-T										
Schedule 78F										
Subtotal										
Schedule 485-S V2010   \$0   \$5,760   \$0   \$0   \$0   \$0   \$0   \$0   \$0		\$0	\$7,200	\$0	\$35,428	\$0	\$0	\$0		
Schedule 485-S V2011  \$0	Schedule 485-S V2003	\$0	\$1,440	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,056)
Schedule 485-S V2012   \$0 \$71,280 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Schedule 485-S V2010	\$0	\$5,760	\$0	\$0		\$0	\$0		(\$4,224)
Schedule 485-S V2014		**					**			
Schedule 485-S V2014   \$0   \$2,160   \$0   \$0   \$0   \$0   \$0   \$0   \$0										
Schedule 485-S V2016   \$0   \$7.20   \$0   \$0   \$0   \$0   \$0   \$0   \$0										
Schedule 485-S V2016   \$0   \$5,040   \$0   \$0   \$0   \$0   \$0   \$0   \$0										
Schedule 485-S V2017   \$0 \$27,360 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0										(4.5.5)
Schedule 485-S V2019   \$0   \$6,480   \$0   \$0   \$0   \$0   \$0   \$0   \$0			\$27,360				ΨΟ			(\$20,064)
Schedule 489-S V2014   \$0										(* -)
Subtotal   \$0										
Schedule 485-P V2011   \$0							7.			(+:-+)
Schedule 485-P V2011   \$0	Schedule 485-P V2010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$96)
Schedule 485-P V2013         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$2,2889           Schedule 485-P V2015         \$0<									\$0	
Schedule 485-P V2014         50         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$192)         \$192)         \$1920 <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										
Schedule 485-P V2015         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$10         <										
Schedule 485-P V2016   \$0										
Schedule 485-P V2017			* -							
Schedule 485-P V2019			+-				**			
Schedule 489-P V2004         \$0         \$1,440         \$	Schedule 485-P V2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$96)
Schedule 489-P V2010         \$0         \$1,440         \$										
Schedule 489-P V2011         \$0         \$2,880         \$					**		**			
Schedule 489-P V2012         \$0         \$4,320         \$0         \$0         \$0         \$0         \$0         \$2,160           Schedule 489-P V2013         \$0         \$1,440         \$0				ΨΟ		ΨΟ	ΨΟ			
Schedule 489-P V2013         \$0         \$1,440         \$0         \$0         \$0         \$0         \$0         \$0         \$20         \$0         \$0         \$0         \$20         <										
Schedule 489-P V2016         \$0         \$1,440         \$	Schedule 489-P V2013	\$0	\$1,440	\$0	\$0	\$0	\$0	\$0	\$0	(\$720)
Schedule 489-P V2017         \$0         \$2,880         \$0         \$0         \$0         \$0         \$0         \$0         \$1,440         \$0         <										
Schedule 489-P V2018         \$0         \$2,880         \$										
Schedule 489-P V2019         \$0         \$1,440         \$										
Schedule 489-T V2007 DAX         \$0         \$1,440         \$0         <										
Schedule 489-T V2012 DAX         \$0         \$1,440         \$0         <										
Schedule 489-T V2013 DAX         \$0         \$1,440         \$0         <										
Subtotal         \$0         \$4,320         \$0										
Market Totals         \$0										(+:-+/
<u>Direct Access Totals</u> \$0 \$195,840 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0										
							ΨΟ		ΨΟ	

Facilities Revenues	Facilities Revenues	Distribution Demand Revenues	Distribution Demand Revenues	Explicit/ Implicit System Usage Revenues	Block 1 Energy Revenues	Block 2 Energy Revenues	Block 3 Energy Revenues	Flat Energy Revenues	On-peak Energy Revenues	Off-peak Energy Revenues	Wheeling Demand Revenues	Reactive Revenues
\$0	\$0	\$0	\$0	(\$529,824)	(\$7,512,174)	(\$3,873,623)	(\$2,313,944)	\$0	\$0	(\$126,972)	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$9,694 (\$520,130)	\$0 (\$7,512,174)	\$0 (\$3,873,623)	(\$2,313,944)	(\$5,092) (\$5,092)	\$0 \$0	\$0 (\$126,972)	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$37,155	\$0	\$0		(\$19,516)	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	(\$81,658)	\$0	\$0		(\$2,580,386)	\$0	(\$58,612)	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$4,721) (\$433)	\$0 \$0	\$0 \$0		\$0 \$18,821	\$13,331 \$0	(\$60,698) \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	(\$8,390)	\$0	\$0		\$48,405	\$0	\$0	\$0	\$0
(\$767,873) (\$2,016,668)	\$0 \$0	(\$602,466) (\$399,838)	\$0 \$0	\$2,798,413 (\$318,363)	\$0 \$0	\$0 \$0		\$0 \$0	(\$1,870,878) (\$1,084,862)	(\$956,384) (\$570,627)	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$27,157) (\$275)	\$0 \$0	\$0 \$0		(\$41,945) (\$2,321)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0 \$0	\$0	\$0 \$0	\$0	(\$23,932)	\$0	\$0		(\$36,964)	\$0 \$0	\$0 \$0	\$0	\$0
(\$2,784,541)	\$0	(\$1,002,305)	\$0	\$2,370,639	\$0	\$0	\$0	(\$2,613,906)	(\$2,942,409)	(\$1,646,322)	\$0	\$0
(\$511,287)	\$0	(\$104,350)	\$0	(\$88,714)	\$0	\$0		\$0	(\$288,163)	(\$167,233)	\$0	\$0
(\$21,600) \$16,560	(\$28,809) \$627,959	(\$57,434) (\$189,114)	\$0 \$0	(\$52,153) (\$279,160)	\$0 \$0	\$0 \$0		\$0 \$0	(\$310,629) (\$1,605,956)	(\$210,900) (\$1,185,643)	\$0 \$0	\$0 \$0
(\$516,327)	\$599,150	(\$350,898)	\$0	(\$420,027)	\$0	\$0	\$0	\$0	(\$2,204,749)	(\$1,563,776)	\$0	\$0
(\$10,800)	(\$6,954)	\$2,725	\$0	(\$7,531)	\$0	\$0		\$0	(\$52,484)	(\$27,847)	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$10,800)	(\$6,954)	\$2,725	\$0	(\$7,531)	\$0	\$0	\$0	\$0	(\$52,484)	(\$27,847)	\$0	\$0
(\$11,288)	\$0	(\$1,578)	\$0	(\$1,525)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$30,613) (\$37,349)	\$0 \$0	(\$4,198) (\$4,937)	\$0 \$0	(\$4,191) (\$4,441)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$37,349) (\$155,849)	\$0 \$0	(\$29,208)	\$0 \$0	(\$25,023)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$97,542)	\$0	(\$14,386)	\$0	(\$13,979)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$10,827) (\$4,674)	\$0 \$0	(\$1,573) (\$737)	\$0 \$0	(\$1,413) (\$621)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$4,561)	\$0	(\$1,564)	\$0	(\$1,619)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$81,843) (\$56,497)	\$0 \$0	(\$13,481) (\$5,684)	\$0 \$0	(\$13,591) (\$8,280)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$14,790)	\$0	(\$2,748)	\$0	(\$2,680)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$2,160) (\$507,992)	(\$2,470) (\$2,470)	(\$2,997) (\$83,091)	\$0 \$0	(\$1,213) (\$78,577)	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$15,561)	\$0	(\$3,098)	\$0	(\$3,174)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$21,935) (\$69,125)	\$0 \$0	(\$5,353) (\$18,892)	\$0 \$0	(\$4,561) (\$16,736)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$3,705)	\$0	(\$1,096)	\$0	(\$1,154)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$24,994) \$0	\$0 \$0	(\$5,126) \$0	\$0 \$0	(\$4,562) \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$31,841)	\$0	(\$7,892)	\$0	(\$8,484)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$9,000)	\$0	(\$1,572)	\$0	(\$1,566)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 ©0	\$0 \$0	\$0 \$0
(\$23,538) (\$2,160)	\$0 (\$5,594)	(\$4,155) (\$8,981)	\$0 \$0	(\$2,836) (\$7,502)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$2,160)	(\$6,377)	(\$9,947)	\$0	(\$7,337)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$4,320) (\$6,480)	(\$11,419) (\$3,290)	(\$18,452) (\$11,900)	\$0 \$0	(\$17,917) (\$8,712)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$2,160)	(\$2,996)	(\$6,268)	\$0	(\$5,640)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$2,160) (\$2,160)	(\$3,834) (\$3,066)	(\$7,208) (\$6,889)	\$0 \$0	(\$6,811) (\$6,625)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$4,320)	(\$9,413)	(\$16,014)	\$0 \$0	(\$14,316)	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0
(\$4,320)	(\$10,707)	(\$17,735)	\$0	(\$16,655)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$2,160) (\$232,099)	(\$1,611) (\$58,307)	(\$4,891) (\$155,468)	\$0 \$0	(\$4,588) (\$139,177)	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$1)	\$0	\$107	\$0	(\$156)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$2,160)	(\$9,873)	\$1,623	\$0	(\$9,070)	\$0	\$0		\$0	\$0	\$0	\$0	\$0
(\$2,160)	(\$10,105)	\$1,984 \$3,714	\$0 \$0	(\$7,619) (\$16,845)	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(\$4,321)	(\$19,977)			(, ,,, ,,								
(\$3,311,668) \$0	\$592,195 \$0	(\$1,350,477) \$0	\$0 \$0	\$1,422,951 \$0	(\$7,512,174) \$0	(\$3,873,623) \$0	(\$2,313,944) \$0	(\$2,618,998) \$0	(\$5,199,642) \$0	(\$3,364,917) \$0	\$0 \$0	\$0 \$0
(\$744,412)	(\$80,755)	(\$234,845)	\$0	(\$234,599)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(\$4,056,080)	\$511,440	(\$1,585,322)	\$0	\$1,188,352	(\$7,512,174)	(\$3,873,623)	(\$2,313,944)	(\$2,618,998)	(\$5,199,642)	(\$3,364,917)	\$0	\$0

Fixed Revenues	Sch 146 Revenues	Sch 122a Revenues	Sch 122b Revenues	Sch 125 Revenues	Sch 145 Revenues	Sch 132 Revenues	Sch 143 Revenues	Sch 128 Block 1 Revenues	Sch 128 Block 2 Revenues	Sch 129 Revenues	Sch 102 Block 1 Revenues	Sch 102 Block 2 Revenues	Sch 102 Block 3 Revenues
\$0	\$0	\$0	\$0	\$0	(\$75,689)	(\$12,261,647)	\$151,378	\$0	\$0	\$0	\$3,901,350	\$2,011,716	(\$6,328,190)
(\$4,908) (\$4,908)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$65)	(\$10,314)	\$65 \$151,444	\$0 \$0	\$0 \$0	\$0 \$0	(\$522) \$3,900,828	\$0 \$2,011,716	\$0 (\$6,328,190)
(\$4,906)	\$0	φ0	\$0	φU	(\$75,754)	(\$12,271,961)	\$151,444	φ0	\$0	φ0	\$3,900,020	\$2,011,716	(\$6,326,190)
(\$18,811)	\$0	\$0	\$0	\$0	(\$250)	(\$39,532)	\$250	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	(\$16,332)	(\$2,384,407)	\$32,663	\$0	\$0	\$0	(\$39,853)	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$315) \$0	(\$56,340) (\$58,843)	\$944 \$433	\$0 \$0	\$0 \$0	\$0 \$0	(\$104) (\$3,133)	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$123,272)	\$1,291	\$0	\$0	\$0	(\$8,697)	\$0	\$0
\$0	\$0	\$0	\$0	\$0	(\$28,850)	(\$3,231,157)	\$57,699	\$0	\$0	\$0	(\$36,149)	\$0	\$0
\$0	\$0	\$0	\$0	\$0	(\$21,224)	(\$2,037,525)	\$42,448	\$0	\$0	\$0	(\$5,309)	\$0	\$0
\$0 \$55,292	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 (\$538)	\$0 (\$84,159)	\$0 \$538	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	(\$25)	(\$2,546)	\$50	\$0	\$0	\$0	\$0	\$0	\$0
\$48,726	\$0	\$0	\$0	\$0	(\$474)	(\$74,165)	\$474	\$0	\$0	\$0	\$0	\$0	\$0
\$85,208	\$0	\$0	\$0	\$0	(\$68,007)	(\$8,091,946)	\$136,790	\$0	\$0	\$0	(\$93,244)	\$0	\$0
\$0	\$0	\$0	\$0	\$0	(\$11,828)	(\$526,368)	\$17,743	\$0	\$0	\$0	(\$702)	\$0	\$0
\$0	\$0	\$0	\$0	\$0	(\$8,024)	(\$300,882)	\$12,035	\$0	\$0	\$0	\$0	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$37,221) (\$57,073)	(\$1,191,082) (\$2,018,332)	\$37,221 \$66,999	\$0 \$0	\$0 \$0	\$0 \$0	\$0 (\$702)	\$0 \$0	\$0 \$0
φО	φυ	φυ	ΦΟ	φυ	(\$37,073)	(\$2,016,332)	\$00,999	Φυ	φυ	φυ	(\$702)	φυ	φ0
\$0	\$0	\$0	\$0	\$0	(\$1,255)	(\$56,483)	\$1,883	\$0	\$0	\$0	\$0	\$0	\$0
\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0 \$0	\$0 \$0	\$0	\$0	\$0	(\$1,255)	\$0 (\$56,483)	\$1,883	\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$0
•	•	•	•			(00.000)	****	•	•	•	•	•	•
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$2,699) (\$7,415)	\$235 \$645	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0 \$0	\$0	\$0	\$0	(\$7,858)	\$683	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$44,272)	\$3,850	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$24,732)	\$2,151	\$0	\$0	\$0	\$0	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$4,455) (\$4,014)	\$217 \$96	\$0 \$0	\$0 \$0	(\$125,395) (\$8,363)	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$10,460)	\$249	\$0	\$0	(\$21,792)	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$87,818)	\$2,091	\$0	\$0	(\$279,135)	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$53,501)	\$1,274	\$0	\$0	(\$170,057)	\$0	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$17,316) (\$5,528)	\$412 \$404	\$0 \$0	\$0 \$0	\$0 (\$65,118)	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$270,067)	\$12,306	\$0	\$0	(\$669,861)	\$0	\$0	\$0
ro.	60	\$0	60	60	eo.	(04.454)	<b>6722</b>	60	\$0	60	60	60	60
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$4,151) \$0	\$732 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$5,965)	\$1,053	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$21,886)	\$3,862	\$0	\$0	\$0	\$0	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$3,108) (\$27,024)	\$266 \$1,053	\$0 \$0	\$0 \$0	(\$101,838) (\$60,716)	\$0 \$0	\$0 \$0	\$0 \$0
\$0 \$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$1,033	\$0 \$0	\$0	(\$60,716)	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$50,249)	\$1,958	\$0	\$0	(\$171,631)	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$9,276)	\$361	\$0	\$0	(\$31,683)	\$0	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$16,798) (\$8,252)	\$654 \$2,251	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$8,070)	\$2,201	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$19,709)	\$5,375	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$9,583)	\$2,614	\$0	\$0	\$0	\$0	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$6,204) (\$17,029)	\$1,692 \$2,043	\$0 \$0	\$0 \$0	\$0 (\$627,334)	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$44,387)	\$1,987	\$0	\$0	(\$104,012)	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$95,914)	\$4,295	\$0	\$0	(\$346,437)	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$111,592)	\$4,997	\$0	\$0	(\$403,062)	\$0	\$0	\$0
<u>\$0</u> \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$30,739) (\$489,936)	\$1,376 \$38,771	\$0 \$0	\$0 \$0	\$0 (\$1,846,715)	\$0 \$0	\$0 \$0	\$0 \$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	(\$191)	\$52	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$11,086) (\$9,313)	\$3,023 \$2,540	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$20,589)	\$5,615	\$0	\$0	\$0	\$0	\$0	\$0
\$80,300	\$0	\$0	\$0	\$0	(\$202.000)	(\$22,438,723)	\$357,116	\$0	\$0	\$0	\$3,806,882	\$2,011,716	(\$6,328,190)
\$60,300	\$0 \$0	\$0	\$0	\$0 \$0	(\$202,090) \$0	\$0	\$337,116	\$0 \$0	\$0	\$0 \$0	\$3,600,662	\$2,011,710	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$780,592)	\$56,693	\$0	\$0	(\$2,516,575)	\$0	\$0	\$0
\$80,300	\$0	\$0	\$0	\$0	(\$202,090)	(\$23,219,315)	\$413,809	\$0	\$0	(\$2,516,575)	\$3,806,882	\$2,011,716	(\$6,328,190)

Sch 105 Revenues	Sch 109 Revenues	Sch 110 Revenues	Sch 112 Revenues	Sch 123 Revenues	Sch 126 Revenues	Sch 135 Revenues	Sch 137 Revenues	Revenues Without Supplementals	Revenues With Sch 102	Supplemental Revenues	Total Revenues	Revenues Without Sch 109
\$2,194,986	(\$7,266,161)	\$0	\$0	\$14,456,633	\$0	\$2,270,675	\$0	\$15,121,918	\$14,706,794	(\$944,948)	\$14,176,970	\$21,443,131
\$1,599	(\$4,668)	\$0	\$0	\$947	\$0	\$718	\$0	(\$5,267)	(\$5,789)	(\$12,240)	(\$17,507)	(\$12,839)
\$2,196,586	(\$7,270,829)	\$0	\$0	\$14,457,580	\$0	\$2,271,393	\$0	\$15,116,651	\$14,701,005	(\$957,188)	\$14,159,463	\$21,430,292
\$6,130	(\$17,889)	\$0	\$0	\$3,628	\$0	\$2,752	\$0	(\$20,187)	(\$20,187)	(\$44,911)	(\$65,098)	(\$47,208)
\$440,952	(\$1,517,232)	\$0	\$0	(\$1,125,688)	\$0	\$440,952	\$0	\$4,552,407	\$4,512,555	(\$4,168,944)	\$383,464	\$1,900,695
\$11,646	(\$34,526)	\$0	\$0	\$9,102	\$0	\$7,869	\$0	(\$40,759)	(\$40,863)	(\$61,724)	(\$102,483)	(\$67,957)
\$9,735 \$25,816	(\$33,748)	\$0	\$0	\$6,274	\$0 \$0	\$7,139	\$0	\$110,069	\$106,937	(\$72,144)	\$37,926	\$71,674
\$836,639	(\$67,518) (\$2,494,481)	\$0 \$0	\$0 \$0	\$18,648 \$822,045	\$0 \$0	\$21,298 \$778,940	\$0 \$0	\$15,631 (\$45,135)	\$6,934 (\$81,284)	(\$132,434) (\$3,295,314)	(\$116,803) (\$3,340,449)	(\$49,285) (\$845,968)
\$551,830	(\$1,464,661)	\$0	\$0	\$544,554	\$0	\$551,830	\$0	(\$3,423,914)	(\$3,429,222)	(\$1,838,058)	(\$5,261,972)	(\$3,797,310)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$15,057	(\$16,402)	\$0	\$0	\$7,798	\$0	\$5,915	\$0	\$52,335	\$52,335	(\$71,791)	(\$19,456)	(\$3,055)
\$649	(\$1,622)	\$0	\$0	\$724	\$0	\$599	\$0	(\$948)	(\$948)	(\$2,172)	(\$3,120)	(\$1,498)
\$13,269 \$1,911,723	(\$14,454) (\$5,662,534)	\$0 \$0	\$0 \$0	\$6,872 \$293,955	\$0 \$0	\$5,213 \$1,822,507	\$0 \$0	\$46,120 \$1,245,620	\$46,120 \$1,152,375	(\$63,266) (\$9,750,756)	(\$17,146) (\$8,505,136)	(\$2,692)
ψ1,511,725	(ψ0,002,004)	ΨΟ	ΨΟ	Ψ230,300	ΨΟ	ψ1,022,001	ΨΟ	ψ1,240,020	ψ1,102,070	(ψο,1ου,1ου)	(ψυ,υυυ,1υυ)	(ψ2,042,000)
\$153,770	(\$235,241)	\$0	\$0	\$87,461	\$0	\$153,770	\$0	(\$983,939)	(\$984,641)	(\$361,394)	(\$1,345,333)	(\$1,110,092)
\$96,282	\$0	\$0	\$0	\$0	\$0	\$92,271	\$0	(\$566,222)	(\$566,222)	(\$108,318)	(\$674,539)	(\$674,539)
\$428,045 \$678,098	\$0 (\$235,241)	\$0 \$0	\$0 \$0	\$0 \$87,461	\$0 \$0	\$428,045 \$674,086	\$0 \$0	(\$2,215,423) (\$3,765,584)	(\$2,215,423) (\$3,766,285)	(\$334,992) (\$804,704)	(\$2,550,415) (\$4,570,287)	(\$2,550,415)
ψ070,030	(ψ200,241)	ΨΟ	ΨΟ	ψον, 401	ΨΟ	ψ07-1,000	ΨΟ	(ψο, 100,004)	(ψο,1 ου,200)	(\$004,704)	(ψ4,010,201)	(ψ4,000,040)
\$15,062	\$0	\$0	\$0	\$0	\$0	\$14,435	\$0	(\$63,864)	(\$63,864)	(\$26,359)	(\$90,223)	(\$90,223)
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$0	\$0
\$15,062	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$14,435	\$0 \$0	(\$63,864)	\$0 (\$63,864)	\$0 (\$26,359)	\$0 (\$90,223)	(\$90,223)
ψ.0,00 <u>2</u>		ų.	<b>Q</b> U	Ų.	Ψ	ψ11,100		(\$00,001)	(\$00,001)	(\$20,000)	(\$00,220)	(\$60,220)
\$2,229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$14,007)	(\$14,007)	(\$235)	(\$14,242)	(\$14,242)
\$6,126 \$6,491	(\$10,794) (\$26,647)	\$0 \$0	\$0 \$0	\$830 \$2.050	\$0 \$0	\$0 \$0	\$0 \$0	(\$37,466)	(\$37,466)	(\$10,608)	(\$48,074)	(\$37,281)
\$36,573	(\$20,047)	\$0 \$0	\$0 \$0	\$2,050 \$11.549	\$0 \$0	\$0 \$0	\$0 \$0	(\$45,191) (\$191,072)	(\$45,191) (\$191,072)	(\$25,281) (\$142,440)	(\$70,472) (\$333,512)	(\$43,825) (\$183,372)
\$20,431	(\$74,760)	\$0	\$0	\$5,751	\$0	\$0	\$0	(\$119,763)	(\$119,763)	(\$71,160)	(\$190,922)	(\$116,163)
\$2,065	(\$8,476)	\$0	\$0	\$652	\$0	\$0	\$0	(\$138,632)	(\$138,632)	(\$9,997)	(\$148,629)	(\$140,153)
\$908	(\$3,728)	\$0	\$0	\$287	\$0	\$0	\$0	(\$14,203)	(\$14,203)	(\$6,451)	(\$20,655)	(\$16,927)
\$2,366	(\$9,713)	\$0 ©0	\$0 \$0	\$747	\$0	\$0 \$0	\$0 \$0	(\$28,192)	(\$28,192)	(\$16,811)	(\$45,003)	(\$35,290)
\$19,864 \$12,101	(\$81,545) (\$49,680)	\$0 \$0	\$0 \$0	\$6,273 \$3,822	\$0 \$0	\$0 \$0	\$0 \$0	(\$380,754) (\$235,527)	(\$380,754) (\$235,527)	(\$141,136) (\$85,984)	(\$521,889) (\$321,511)	(\$440,344) (\$271,831)
\$3,917	(\$16,079)	\$0	\$0	\$1,237	\$0	\$0	\$0	(\$18,490)	(\$18,490)	(\$27,829)	(\$46,319)	(\$30,240)
\$2,292	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$72,519)	(\$72,519)	(\$2,831)	(\$75,350)	(\$75,350)
\$115,361	(\$431,561)	\$0	\$0	\$33,197	\$0	\$0	\$0	(\$1,295,815)	(\$1,295,815)	(\$540,763)	(\$1,836,578)	(\$1,405,017)
\$4,639	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$21,929)	(\$21,929)	\$1,221	(\$20,708)	(\$20,708)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,666	(\$6,559)	\$0	\$0	\$505	\$0	\$0	\$0	(\$32,329)	(\$32,329)	(\$4,300)	(\$36,629)	(\$30,070)
\$24,461	(\$63,032)	\$0	\$0	\$4,849	\$0	\$0	\$0	(\$107,442)	(\$107,442)	(\$51,746)	(\$159,188)	(\$96,156)
\$1,687 \$6,668	(\$6,925) \$0	\$0 \$0	\$0 \$0	\$533 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$107,986) (\$95,591)	(\$107,986) (\$95,591)	(\$7,547) (\$19,303)	(\$115,533) (\$114,894)	(\$108,607) (\$114,894)
\$0,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,399	(\$12,663)	\$0	\$0	\$974	\$0	\$0	\$0	(\$220,615)	(\$220,615)	(\$47,581)	(\$268,197)	(\$255,534)
\$2,289	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$43,918)	(\$43,918)	(\$6,626)	(\$50,544)	(\$50,544)
\$4,145	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0	(\$30,720)	(\$30,720)	(\$12,000)	(\$42,720)	(\$42,719)
\$12,753 \$12,472	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$23,517) (\$25,100)	(\$23,517) (\$25,100)	\$6,752 \$6,603	(\$16,765) (\$18,497)	(\$16,765) (\$18,497)
\$30,459	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$50,668)	(\$50,668)	\$16,125	(\$34,543)	(\$34,543)
\$14,811	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$28,222)	(\$28,222)	\$7,841	(\$20,381)	(\$20,381)
\$9,588	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,344)	(\$16,344)	\$5,076	(\$11,268)	(\$11,268)
\$11,579	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$646,628)	(\$646,628)	(\$3,406)	(\$650,034)	(\$650,034)
\$11,262 \$24,336	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$122,033) (\$389,059)	(\$122,033) (\$389,059)	(\$31,137) (\$67,283)	(\$153,170) (\$456,342)	(\$153,170) (\$456,342)
\$28,314	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$451,039)	(\$451,039)	(\$78,281)	(\$529,320)	(\$529,320)
\$7,799	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0	(\$12,530)	(\$12,530)	(\$21,565)	(\$34,094)	(\$34,093)
\$226,330	(\$89,181)	\$0	\$0	\$6,860	\$0	\$0	\$0	(\$2,425,670)	(\$2,425,670)	(\$307,156)	(\$2,732,826)	(\$2,643,645)
\$295	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,490)	(\$1,490)	\$156	(\$1,334)	(\$1,334)
\$17,132	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$18,759)	(\$18,759)	\$9,070	(\$9,689)	(\$9,689)
\$14,392 \$31,819	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$17,181)	(\$17,181)	\$7,619	(\$9,561)	(\$9,561)
φ31,619	φ0	\$0	\$0	\$0	\$0	\$0	\$0	(\$37,429)	(\$37,429)	\$16,845	(\$20,584)	(\$20,584)
\$4,801,468	(\$13,168,603)	\$0	\$0	\$14,838,997	\$0	\$4,782,421	\$0	\$12,532,823	\$12,023,231	(\$11,539,007)	\$993,817	\$14,162,420
\$0 \$373.510	\$0 (\$520.741)	\$0 \$0	\$0 \$0	\$0 \$40.057	\$0 \$0	\$0 \$0	\$0 \$0	\$0 (\$3.758.914)	\$0 (\$3.758.914)	\$0 (\$831,074)	\$0 (\$4.589.988)	\$0 (\$4,069,246)
\$5,174,979	(\$13,689,345)	\$0 \$0	\$0 \$0	\$14,879,054	\$0	\$4,782,421	\$0	\$8,773,909	\$8,264,317	(\$12,370,080)	(\$3,596,171)	(+ -,,)
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A B C D	E	F	G	Н	I	J	K	L	M	N	0	Р	Q	R	S	Т	U	V	W	Х
1 2 PORTLAND GENERAL ELECTRIC	•	•	•		•	•	•			<u>,</u>	•	•				•				
3 Revenues at Proposed Prices														Explicit/						
5	Basic	Basic	Vol. Trans	Demand Transmission	Demand Transmission	Volumetric	Volumetric	Volumetric				Distribution	Distribution	Implicit System	Block 1	Block 2	Block 3	Flat	On-peak	Off-peak
6	Charge	Charge	& Related	& Related	& Related	Dist.	Dist.	Dist.	Facilities	Facilities	Facilities	Demand	Demand	Usage	Energy	Energy	Energy	Energy	Energy	Energy
7 Grouping	1-phase	3-phase	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues
9 Schedule 7	\$103,351,501	\$1,980	\$18,382,963	\$0	\$0	\$184,342,650	\$95,055,562	\$56,782,310	\$0	\$0	\$0	\$0	\$0	\$16,500,241	\$262,677,079	\$135,448,401	\$90,141,551	\$0	\$0	(\$126,972
10 Schedule 15 Residential	\$0	\$0	\$4,961	\$0	\$0	\$174,787	\$0	\$0	\$0	\$0	\$0	\$0	\$0	* - ,	\$0	\$0	\$0	\$159,871	\$0	
11 Subtotal	\$103,351,501	\$1,980	\$18,387,925	\$0	\$0	\$184,517,437	\$95,055,562	\$56,782,310	\$0	\$0	\$0	\$0	\$0	\$16,534,317	\$262,677,079	\$135,448,401	\$90,141,551	\$159,871	\$0	(\$126,972)
13 Schedule 15 Commercial	\$0	\$0	\$19,015	\$0	\$0	\$669,911	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$612,740	\$0	\$0
14 Schedule 32 15 Schedule 38	\$13,440,160 \$19,800	\$13,142,017 \$118,050	\$3,364,301 \$53,822	\$0 \$0	\$0 \$0	\$57,739,059 \$1,163,394	\$2,674,590 \$979,082	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$95,408,956 \$0	\$0 \$1,037,433	(\$58,612) \$657,324
16 Schedule 47	\$49,728	\$629,814	\$46,079	\$0	\$0	\$805,133	\$1,224,233	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$1,534,677	\$0	\$0
17 Schedule 49 18 Schedule 83-S	\$1,620 \$286,790	\$342,360 \$5,856,840	\$136,825 \$0	\$0 \$6,713,196	\$0 \$0	\$1,491,343 \$0	\$2,651,095 \$0	\$0 \$0	\$0 \$14,526,330	\$0 \$23,734,254	\$0 \$0	\$0 \$22,463,385	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$4,561,710 \$0	\$0 \$120,938,883	\$0 \$47,184,886
19 Schedule 85-S	\$280,790	\$7,836,080	\$0 \$0	\$4,455,341	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$8,871,562	\$7,640,068	\$0 \$0	\$14,908,255	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$86,107,440	\$34,318,112
20 Schedule 89-S	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
21 Schedule 91 22 Schedule 92	\$0 \$0	\$0 \$0	\$40,870 \$3,969	\$0 \$0	\$0 \$0	\$1,648,503 \$70,262	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$1,316,974 \$127,521	\$0 \$0	\$0 \$0
23 Schedule 95	\$0	\$0	\$36,016	\$0	\$0	\$1,452,740	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,503	\$0	\$0	\$0	\$1,160,581	\$0	\$0
24 Subtotal 25	\$13,798,098	\$27,925,161	\$3,700,897	\$11,168,536	\$0	\$65,040,346	\$7,528,999	\$0	\$23,397,892	\$31,374,322	\$0	\$37,371,640	\$0	\$25,885,877	\$0	\$0	\$0	\$104,723,159	\$208,083,756	\$82,101,710
26 Schedule 85-P	\$0	\$1,056,560	\$0	\$1,132,942	\$0	\$0	\$0	\$0	\$1,393,760	\$2,857,193	\$0	\$3,771,504	\$0		\$0	\$0	\$0	\$0	\$22,776,136	
27 Schedule 89-P 28 Schedule 90-P	\$0 \$0	\$249,480 \$292,800	\$0 \$0	\$623,572 \$2,053,234	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$178,800 \$38,640	\$536,400 \$115,920	\$566,585 \$3,549,334	\$2,075,837 \$6,835,109	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$13,794,316 \$59,709,460	\$6,932,119 \$32,225,780
29 Subtotal	\$0	\$1,598,840	\$0	\$3,809,748	\$0	\$0	\$0	\$0	\$1,611,200	\$3,509,513	\$4,115,919	\$12,682,450	\$0		\$0	\$0	\$0	\$0	\$96,279,912	\$49,118,057
30 31 Schedule 89-T	\$0	\$238,200	<b>@</b> C	\$204,391	\$0	\$0	<b>ድ</b> ሳ	\$0	\$89,400	¢260.200	¢406 774	¢246 400	φo	\$60,876	\$0	\$0	\$0	\$0	¢2 220 000	\$044.400
32 Schedule 75-T	\$0 \$0	\$238,200 \$0	\$0 \$0	\$204,391 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$89,400 \$0	\$268,200 \$0	\$136,771 \$0	\$346,102 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$2,338,008 \$0	\$914,166 \$0
33 Schedule 76R	\$0	\$0	\$0	0004.004	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0040400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34 Subtotal	\$0	\$238,200	\$0	\$204,391	\$0	\$0	\$0	\$0	\$89,400	\$268,200	\$136,771	\$346,102	\$0	\$60,876	\$0	\$0	\$0	\$0	\$2,338,008	\$914,166
36 Schedule 485-S V2003	\$0	\$13,440	\$0	\$0	\$0	\$0	\$0	\$0	\$15,216	\$42,765	\$0	\$58,829	\$0		\$0	\$0	\$0	\$0	\$0	\$0
37 Schedule 485-S V2010 38 Schedule 485-S V2011	\$0 \$0	\$53,760 \$53,760	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$60,864 \$60,864	\$115,976 \$141,495	\$0 \$0	\$156,522 \$184,078	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
39 Schedule 485-S V2012	\$0	\$665,280	\$0	\$0	\$0	\$0	\$0	\$0	\$753,192	\$590,427	\$0	\$1,089,033	\$0		\$0	\$0	\$0	\$0	\$0	\$0
40 Schedule 485-S V2013 41 Schedule 485-S V2014	\$0 \$0	\$215,040 \$20,160	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$243,456 \$22,824	\$369,533 \$41,017	\$0 \$0	\$536,407 \$58,662	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
42 Schedule 485-S V2015	\$0 \$0	\$6,720	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$7,608	\$17,706	\$0 \$0	\$27,491	\$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0
43 Schedule 485-S V2016	\$0	\$47,040	\$0	\$0	\$0	\$0	\$0	\$0	\$53,256	\$17,279	\$0	\$58,307	\$0		\$0	\$0	\$0	\$0	\$0 \$0	\$0
44 Schedule 485-S V2017 45 Schedule 485-S V2018	\$0 \$0	\$255,360 \$174,720	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$289,104 \$197,808	\$310,058 \$214,037	\$0 \$0	\$502,639 \$211,940	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
46 Schedule 485-S V2019	\$0	\$60,480	\$0	\$0	\$0	\$0	\$0	\$0	\$68,472	\$56,033	\$0	\$102,443	\$0	(\$5,772)	\$0	\$0	\$0	\$0	\$0	\$0
47 Schedule 489-S V2014 48 Subtotal	\$0 \$0	\$40,080 \$1,605,840	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$18,360 \$1,791,024	\$55,080 \$1,971,405	\$50,230 \$50,230	\$111,752 \$3,098,104	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
49	•	,						•			. ,			( ,		•		**		
50 Schedule 485-P V2010 51 Schedule 485-P V2011	\$0 \$0	\$5,640 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$7,440 \$0	\$86,959 \$0	\$0 \$0	\$111,968 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
52 Schedule 485-P V2012	\$0	\$28,200	\$0	\$0	\$0	\$0	\$0	\$0	\$37,200	\$122,577	\$0	\$193,467	\$0	(\$10,175)	\$0	\$0	\$0	\$0	\$0	\$0
53 Schedule 485-P V2013 54 Schedule 485-P V2014	\$0 \$0	\$157,920 \$11,280	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$208,320 \$14,880	\$386,289 \$20,702	\$0 \$0	\$682,809 \$39,627	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
55 Schedule 485-P V2015	\$0 \$0	\$11,280	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$14,880	\$139,675	\$0 \$0	\$185,254	\$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0
56 Schedule 485-P V2016 57 Schedule 485-P V2017	\$0 \$0	\$0 \$45.130	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$50.530	\$0	\$0 \$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
58 Schedule 485-P V2018	\$0 \$0	\$45,120 \$5,640	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$59,520 \$7,440	\$177,933 \$50,297	\$0 \$0	\$285,255 \$56,806	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
59 Schedule 485-P V2019 60 Schedule 489-P V2004	\$0	\$11,280	\$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$14,880	\$131,533	\$0	\$150,163	\$0	(\$6,327)	\$0	\$0 \$0	\$0	\$0	\$0	\$0
60 Schedule 489-P V2004 61 Schedule 489-P V2010	\$0 \$0	\$22,680 \$22,680	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$17,880 \$17,880	\$53,640 \$53,640	\$110,023 \$125,415	\$324,586 \$359,500	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
62 Schedule 489-P V2011	\$0	\$45,360	\$0	\$0	\$0	\$0	\$0	\$0	\$35,760	\$107,280	\$224,578	\$666,911	\$0	(\$26,875)	\$0	\$0	\$0	\$0	\$0	\$0
63 Schedule 489-P V2012 64 Schedule 489-P V2013	\$0 \$0	\$68,040 \$22,680	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$53,640 \$17,880	\$160,920 \$53,640	\$64,694 \$58,920	\$430,115 \$226,549	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
65 Schedule 489-P V2014	\$0	\$22,680	\$0	\$0	\$0	\$0	\$0	\$0	\$17,880	\$53,640	\$75,402	\$260,522	\$0	(\$10,217)	\$0	\$0	\$0	\$0	\$0	\$0
66 Schedule 489-P V2016 67 Schedule 489-P V2017	\$0 \$0	\$22,680 \$45,360	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$17,880 \$35,760	\$53,640 \$107,280	\$60,305 \$185,130	\$248,995 \$578,778	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
68 Schedule 489-P V2018	\$0	\$45,360	\$0	\$0	\$0	\$0	\$0	\$0	\$35,760	\$107,280	\$210,566	\$640,978	\$0	(\$24,983)	\$0	\$0	\$0	\$0	\$0	\$0
69 Schedule 489-P V2019 70 Subtotal	\$0 \$0	\$22,680 \$616,560	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$17,880 \$632,760	\$53,640 \$1,920,565	\$31,676 \$1,146,709	\$176,779 \$5,619,062	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
71	Φ0	φυ ιυ,300	Φ0	ΦU	ΦΟ	Φυ	ΦU	Φ0	φυ3∠,/00	\$1,920,565	ψ1,140,709	ψυ,υ ι ϋ,∪0∠	\$0	(\$Z4U,Z43)	ΦΟ	ΦU	Φυ	ΦΟ	Φ0	Φ0
72 Schedule 489-T V2007	\$0	\$47,640	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$71,520 \$47,000	\$18	\$0	\$13,599	\$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
73 Schedule 489-T V2012 74 Schedule 489-T V2013	\$0 \$0	\$47,640 \$47,640	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$17,880 \$17,880	\$53,640 \$53,640	\$194,162 \$198,724	\$206,171 \$251,913	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
75 Subtotal	\$0	\$142,920	\$0	\$0	\$0	\$0	\$0	\$0	\$107,280	\$107,298	\$392,886	\$471,683	\$0			\$0	\$0	\$0	\$0	\$0
76 77 COS Totals	\$117,149,599	\$29,764,181	\$22,088,822	\$15,182,675	\$0	\$249,557,783	\$102,584,561	\$56,782,310	\$25,098,492	\$35,152,035	\$4,252,691	\$50,400,191	\$0	\$44,433,235	\$262,677,079	\$135,448,401	\$90.141.551	\$104.883 029	\$306,701,676	\$132,006,961
78 Market Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
79 Direct Access Totals 80 Totals	\$0 \$117,149,599	\$2,365,320 \$32,129,501	\$0 \$22,088,822	\$0 \$15,182,675	\$0 \$0	\$0 \$249,557,783	\$0 \$102,584,561	\$0 \$56,782,310	\$2,531,064 \$27,629,556	\$3,999,268 \$39,151,304	\$1,589,824 \$5,842,515	\$9,188,849 \$59,589,040	\$0 \$0	(\$436,835) \$43,996,401	* -	\$0 \$135,448,401	\$0 \$00 141 551	\$0	\$306 701 676	\$0 \$132,006,961
OU   I ULAIS	φ117,149,599	φა∠, 1∠9,5UT	922,000,822	φ13,10∠,b/5	<b>⊅</b> U	φ <b>∠</b> 45,331,183	φ1∪∠,304,501	დაი,≀ი∠,ა10	φ∠1,0∠9,550	ক্তর, ID1,3U4	და,04∠,515	<b>აა</b> უ,ებუ,040	\$0	⊕ <del>4</del> 3,996,401	4202,011,U19	φ 133,440,4UT	⊅50,141,551	ψ1U4,003,U29	ψουυ,/01,6/6	<b>⊅13∠,∪∪0,96</b> 1

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	PORTLAND GENERAL ELECTRIC																							
4	Revenues at Proposed Prices														• • • • •	•								
5 6		Wheeling Demand	Reactive	Fixed	Sch 146	Sch 122a	Sch 122b	Sch 125	Sch 145	Sch 132	Sch 143	Sch 128 Block 1	Sch 128 Block 2	Sch 129	Sch 102 Block 1	Sch 102 Block 2	Sch 102 Block 3	Sch 105	Sch 109	Sch 110	Sch 112	Sch 123	Sch 126	Sch 135
7	Grouping	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues
	Schedule 7	\$0	\$0	\$0	\$0	\$0	\$0	\$0		(\$12,261,647)	(\$1,286,716)	\$0	\$0	\$0	(\$38,266,435)	(\$19,731,936)	(\$6,328,190)	\$983,959	\$30,048,605	\$378,446	\$2,270,675			\$3,330,324
	Schedule 15 Residential Subtotal	\$0 \$0	\$0 \$0	\$336,785 \$336,785	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$653 \$1,968,571	(\$10,314) (\$12,271,961)	(\$424) (\$1,287,140)	\$0 \$0	\$0 \$0	\$0 \$0	(\$27,744) (\$38,294,179)	\$0 (\$19,731,936)	\$0 (\$6,328,190)	\$326 \$984,286	\$22,195 \$30,070,800	\$326 \$378,772	\$816 \$2,271,491	\$685 \$15,138,522	\$0 \$0	\$1,077 \$3,331,401
12	Schedule 15 Commercial	\$0	\$0	\$1,290,801	\$0	\$0	\$0	\$0	\$2,502	(\$39,532)	(\$1,626)	\$0	\$0	\$0	\$0	\$0	\$0	\$1,251	\$85,068	\$1,251	\$3,128	\$2,627	\$0	\$4,128
14	Schedule 32	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$391,957	(\$2,384,407)	(\$244,973)	\$0	\$0	\$0	(\$2,117,177)	\$0	\$0	\$195,979	\$5,889,469	\$81,572	\$342,963	(\$2,267,690)	\$0	\$653,262
	Schedule 38 Schedule 47	\$0 \$0	\$27,101 \$23	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$6,924 \$6,274	(\$56,340) (\$58,843)	(\$4,406) (\$3,894)	\$0 \$0	\$0 \$0	\$0 \$0	(\$5,538) (\$166,434)	\$0 \$0	\$0 \$0	\$3,462 \$3,029	\$128,374 \$136,074	\$1,883 \$1,947	\$12,275 \$10,817	\$6,591 \$4,543	\$0 \$0	\$11,646 \$10,384
17	Schedule 49	\$0	\$4,355	\$0	\$0	\$0	\$0	\$0	\$18,717	(\$123,272)	(\$11,617)	\$0	\$0	\$0	(\$462,013)	\$0	\$0	\$9,036	\$289,362	\$3,858	\$9,681	\$13,504	\$0	\$30,979
	Schedule 83-S Schedule 85-S	\$0 \$0	\$269,282 \$463,875	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$692,391 \$488,157	(\$3,231,157) (\$2,037,525)	(\$432,744) (\$318,363)	\$0 \$0	\$0 \$0	\$0 \$0	(\$1,920,430) (\$282,020)	\$0 \$0	\$0 \$0	\$346,195 \$233,466	\$8,022,025 \$4,544,206	\$113,386 \$75,111	\$173,098 \$84,897	\$595,274 \$394,332	\$0 \$0	\$1,153,985 \$806,520
20	Schedule 89-S	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Schedule 91 Schedule 92	\$0 \$0	\$0 \$0	\$2,814,258 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$5,378 \$524	(\$84,159) (\$2,546)	(\$3,495) (\$324)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$2,689 \$250	\$184,452 \$6,415	\$2,689 \$100	\$6,722 \$574	\$5,646 \$524	\$0 \$0	\$8,873 \$874
23	Schedule 95	\$0	\$0	\$2,480,060	\$0	\$0	\$0	\$0	\$4,739	(\$74,165)	(\$3,080)	\$0	\$0	\$0	\$0	\$0	\$0	\$2,370	\$162,548	\$2,370	\$5,924	\$4,976	\$0	\$7,819
25	Subtotal	\$0	\$764,634	\$6,585,119	\$0	\$0	\$0	\$0	\$1,617,563	(\$8,091,946)	(\$1,024,525)	\$0	\$0	\$0	(\$4,953,611)	\$0	\$0	\$797,726	\$19,447,992	\$284,165	\$650,077	(\$1,239,673)	\$0	\$2,688,471
	Schedule 85-P Schedule 89-P	\$0 \$0	\$127,792 \$33,485	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$130,113 \$84,247	(\$526,368) (\$300,882)	(\$82,799) (\$52,153)	\$0 \$0	\$0 \$0	\$0 \$0	(\$37,278) \$0	\$0 \$0	\$0 \$0	\$65,057 \$44,129	\$729,851 \$0	\$12,064 \$0	\$23,657 \$4,012	\$63,334 \$0	\$0 \$0	\$224,741 \$140,412
28	Schedule 90-P	\$0	\$10,718	\$0	\$0	\$0	\$0	\$0	\$372,213	(\$1,191,082)	(\$241,939)	\$0	\$0	\$0	\$0	\$0	\$0	\$186,107	\$0	\$0	\$18,611	\$0	\$0	\$632,763
29 30	Subtotal	\$0	\$171,995	\$0	\$0	\$0	\$0	\$0	\$586,574	(\$2,018,332)	(\$376,891)	\$0	\$0	\$0	(\$37,278)	\$0	\$0	\$295,293	\$729,851	\$12,064	\$46,279	\$63,334	\$0	\$997,915
31	Schedule 89-T	\$0	\$16,191	\$0	\$0	\$0	\$0	\$0	\$13,179	(\$56,483)	(\$8,159)	\$0	\$0	\$0	\$0	\$0	\$0	\$6,903	\$0	\$0	\$628	\$0	\$0	\$21,966
	Schedule 75-T Schedule 76R	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
34 35	Subtotal	\$0	\$16,191	\$0	\$0	\$0	\$0	\$0	\$13,179	(\$56,483)	(\$8,159)	\$0	\$0	\$0	\$0	\$0	\$0	\$6,903	\$0	\$0	\$628	\$0	\$0	\$21,966
	Schedule 485-S V2003	\$0	\$2,807	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,699)	(\$1,760)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$469	\$0	\$0	\$0
	Schedule 485-S V2010 Schedule 485-S V2011	\$0 \$0	\$2,979 \$2,156	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$7,415) (\$7,858)	(\$4,836) (\$5,124)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$33,489 \$82,675	\$554 \$1,367	\$1,290 \$1,367	\$554 \$1,367	\$0 \$0	\$0 \$0
39	Schedule 485-S V2012	\$0 \$0	\$12,602	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$44,272)	(\$28,873)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$465,818	\$7,699	\$1,367 \$7,699	\$7,699	\$0 \$0	\$0 \$0
	Schedule 485-S V2013 Schedule 485-S V2014	\$0 \$0	\$5,252 \$1,838	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$24,732) (\$4,455)	(\$16,129) (\$1,630)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$231,947 \$26,296	\$3,834 \$435	\$4,301 \$435	\$3,834 \$435	\$0 \$0	\$0 \$0
42	Schedule 485-S V2015	\$0 \$0	\$1,339	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	(\$4,014)	(\$717)	\$0	\$0 \$0	\$103,797	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$11,565	\$191	\$191	\$435 \$191	\$0	\$0
	Schedule 485-S V2016 Schedule 485-S V2017	\$0 \$0	\$325 \$2,774	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$10,460) (\$87,818)	(\$1,868) (\$15,682)	\$0 \$0	\$0 \$0	\$356,891 \$2,975,351	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$30,135 \$252,999	\$498 \$4,182	\$498 \$4,182	\$498 \$4,182	\$0 \$0	\$0 \$0
45	Schedule 485-S V2018	\$0	\$6,060	\$0	\$0	\$0	\$0	\$0	\$0	(\$53,501)	(\$9,554)	\$0	\$0	\$1,956,616	\$0	\$0	\$0	\$0	\$154,134	\$2,548	\$2,548	\$2,548	\$0	\$0
	Schedule 485-S V2019 Schedule 489-S V2014	\$0 \$0	\$357 \$4,771	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$17,316) (\$5,528)	(\$3,092) (\$1,887)	\$0 \$0	\$0 \$0	\$612,651 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$49,886 \$0	\$825 \$0	\$825 \$135	\$825 \$0	\$0 \$0	\$0 \$0
48	Subtotal	\$0	\$43,257	\$0	\$0	\$0	\$0	\$0	\$0	(\$270,067)	(\$91,153)	\$0	\$0	\$6,005,306	\$0	\$0	\$0	\$0	\$1,338,944	\$22,131	\$23,939	\$22,131	\$0	\$0
49 50	Schedule 485-P V2010	\$0	\$5,730	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,151)	(\$3,418)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$977	\$0	\$0	\$0
	Schedule 485-P V2011	\$0 \$0	\$0 \$034	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$336	\$0 \$1.403	\$0	\$0 \$0	\$0 \$0
53	Schedule 485-P V2012 Schedule 485-P V2013	\$0 \$0	\$924 \$18,237	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$5,965) (\$21,886)	(\$4,912) (\$18,024)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$20,348 \$195,559	\$336 \$3,232	\$1,403 \$5,150	\$336 \$3,232	\$0 \$0	\$0 \$0
54	Schedule 485-P V2014 Schedule 485-P V2015	\$0 \$0	\$1,466 \$4,680	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$3,108) (\$27,024)	(\$1,243) (\$4,913)	\$0 \$0	\$0 \$0	\$0 \$755,618	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$21,486 \$0	\$355 \$0	\$355 \$1,404	\$355 \$0	\$0 \$0	\$0 \$0
56	Schedule 485-P V2016	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
	Schedule 485-P V2017 Schedule 485-P V2018	\$0 \$0	\$6,114 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$50,249) (\$9,276)	(\$9,136) (\$1,687)	\$0 \$0	\$0 \$0	\$1,827,247 \$365,142	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$39,288 \$0	\$649 \$0	\$2,610 \$482	\$649 \$0	\$0 \$0	\$0 \$0
59	Schedule 485-P V2019	\$0	\$4,646	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,798)	(\$3,054)	\$0	\$0	\$645,317	\$0	\$0	\$0	\$0	\$2	\$0	\$873	\$0	\$0	\$0
	Schedule 489-P V2004 Schedule 489-P V2010	\$0 \$0	\$17,986 \$22,412	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$8,252) (\$8,070)	(\$9,753) (\$9,538)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$750 \$734	\$0 \$0	\$0 \$0	\$0 \$0
62	Schedule 489-P V2011	\$0	\$17,080	\$0	\$0	\$0	\$0	\$0	\$0	(\$19,709)	(\$23,292)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,792	\$0	\$0	\$0
	Schedule 489-P V2012 Schedule 489-P V2013	\$0 \$0	\$1,423 \$102	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$9,583) (\$6,204)	(\$11,326) (\$7,332)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$871 \$564	\$0 \$0	\$0 \$0	\$0 \$0
65	Schedule 489-P V2014	\$0	\$649	\$0	\$0	\$0	\$0	\$0	\$0	(\$17,029)	(\$8,855)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$681	\$0	\$0	\$0
67	Schedule 489-P V2016 Schedule 489-P V2017	\$0 \$0	\$0 \$27,611	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$44,387) (\$95,914)	(\$8,612) (\$18,610)	\$0 \$0		\$1,725,810 \$3,729,205	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$662 \$1,432	\$0 \$0	\$0 \$0	\$0 \$0
68	Schedule 489-P V2018 Schedule 489-P V2019	\$0 \$0	\$15,904 \$6,464	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$111,592) (\$30,739)	(\$21,652) (\$5,964)	\$0 \$0		\$4,515,297 \$1,181,852	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$1	\$0 \$0	\$1,666 \$459	\$0 \$0	\$0 \$0	\$0 \$0
70	Subtotal	\$0	\$151,426	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$30,739)	(\$5,964)	\$0 \$0		\$1,181,852	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$276,686	\$4,573	\$22,864	\$4,573	\$0 \$0	\$0
71	Schedule 489-T V2007	\$0	\$445	\$0	\$0	\$0	\$0	\$0	\$0	(\$191)	(\$225)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17	\$0	\$0	\$0
73	Schedule 489-T V2012	\$0	\$14,847	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,086)	(\$13,101)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,008	\$0	\$0	\$0
	Schedule 489-T V2013 Subtotal	\$0 \$0	\$91,153 \$106,444	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$9,313) (\$20,589)	(\$11,006) (\$24,332)	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$847 \$1,872	\$0 \$0	\$0 \$0	\$0 \$0
76			. ,						**	( , , ,								•			. ,			φU
	COS Totals Market Totals	\$0 \$0	\$952,819 \$0	\$6,921,904 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$4,185,887 \$0	(\$22,438,723) \$0	(\$2,696,715) \$0	\$0 \$0	\$0 \$0	\$0 \$0		(\$19,731,936) \$0	(\$6,328,190) \$0	\$2,084,208 \$0	\$50,248,642 \$0	\$675,001 \$0	\$2,968,476 \$0	\$13,962,183 \$0	\$0 \$0	\$7,039,753 \$0
79	Direct Access Totals	\$0	\$301,127	\$0	\$0	\$0	\$0	\$0	\$0	(\$780,592)	(\$286,807)	\$0	\$0	\$20,750,795	\$0	\$0	\$0	\$0	\$1,615,630	\$26,705	\$48,674	\$26,705	\$0	\$0
80	Totals	\$0	\$1,253,946	\$6,921,904	\$0	\$0	\$0	\$0	\$4,185,887	(\$23,219,315)	(\$2,983,522)	\$0	\$0	\$20,750,795	(\$43,285,068)	(\$19,731,936)	(\$6,328,190)	\$2,084,208	\$51,864,273	\$701,706	\$3,017,150	\$13,988,888	\$0	\$7,039,753

8         9         Schedule 7         \$3,557,391         \$962,557,267         \$898,230,706         (\$20,199,769)         \$20,119,769         \$3,557,391         \$962,557,267         \$898,230,706         (\$20,199,769)         \$20,11,196           11         Subtotal         \$3,558,599         \$963,267,747         \$898,913,442         (\$20,210,965)         \$20,210,965         \$20,210,966         \$20,210,966         \$20,210,966         \$20,210,966         \$20,210,966         \$20,210,966         \$20,210,966         \$20,210,966         \$20,210,966         \$20,210,966         \$20,210,966 <td< th=""><th>Total Revenues  942,357,498 \$699,284  943,056,782  \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0,31,407 \$211,860 \$5,315,167 662,559,472  \$44,470,925 \$25,463,982 106,319,848 176,254,755</th><th>Revenues Without Sch 109  \$912,308,893 \$677,089  \$912,985,982  \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$0 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480  \$43,741,075 \$25,463,982</th></td<>	Total Revenues  942,357,498 \$699,284  943,056,782  \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0,31,407 \$211,860 \$5,315,167 662,559,472  \$44,470,925 \$25,463,982 106,319,848 176,254,755	Revenues Without Sch 109  \$912,308,893 \$677,089  \$912,985,982  \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$0 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480  \$43,741,075 \$25,463,982
Revenues at Proposed Prices	8evenues  942,357,498 \$699,284  943,056,782  \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$6,031,407 \$211,860 \$5,315,167 662,559,472  \$44,470,925 \$25,463,982 106,319,848	Without Sch 109  \$912,308,893 \$677,089 \$912,985,982  \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480  \$43,741,075 \$25,463,982
Revenues   Revenues   Without   Supplemental   Sch 137   Without   Supplemental   Sch 102   Revenues   Reven	8evenues  942,357,498 \$699,284  943,056,782  \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$6,031,407 \$211,860 \$5,315,167 662,559,472  \$44,470,925 \$25,463,982 106,319,848	Without Sch 109  \$912,308,893 \$677,089 \$912,985,982  \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480  \$43,741,075 \$25,463,982
6 7 Grouping         Sch 137 Revenues         Without Supplementals         With Sch 102 Revenues         Supplemental Revenues	8evenues  942,357,498 \$699,284  943,056,782  \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$6,031,407 \$211,860 \$5,315,167 662,559,472  \$44,470,925 \$25,463,982 106,319,848	Without Sch 109  \$912,308,893 \$677,089 \$912,985,982  \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480  \$43,741,075 \$25,463,982
7         Grouping         Revenues         Supplementals         Sch 102         Revenues         R           8         9         Schedule 7         \$3,557,391         \$962,557,267         \$898,230,706         (\$20,199,769)         \$5           10         Schedule 15 Residential         \$1,208         \$710,480         \$682,736         (\$11,196)           11         Subtotal         \$3,558,599         \$963,267,747         \$898,913,442         (\$20,210,965)         \$5           12         Schedule 15 Commercial         \$4,629         \$2,723,071         \$2,723,071         \$63,426           14         Schedule 32         \$718,589         \$188,764,472         \$186,647,295         \$1,259,542         \$1           15         Schedule 38         \$13,849         \$4,129,655         \$4,124,117         \$118,721         \$1           16         Schedule 47         \$11,466         \$4,379,465         \$4,213,032         \$44,637         \$1           18         Schedule 83-S         \$1,240,533         \$262,139,726         \$260,219,296         \$6,752,556         \$2           19         Schedule 88-S         \$891,417         \$166,659,481         \$166,377,461         \$4,880,198         \$1           20         Schedule 89-S <th>8evenues  942,357,498 \$699,284  943,056,782  \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$6,031,407 \$211,860 \$5,315,167 662,559,472  \$44,470,925 \$25,463,982 106,319,848</th> <th>\$912,308,893 \$677,089 \$912,985,982 \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982</th>	8evenues  942,357,498 \$699,284  943,056,782  \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$6,031,407 \$211,860 \$5,315,167 662,559,472  \$44,470,925 \$25,463,982 106,319,848	\$912,308,893 \$677,089 \$912,985,982 \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
8         Schedule 7         \$3,557,391         \$962,557,267         \$898,230,706         (\$20,199,769)         \$5           10         Schedule 15 Residential         \$1,208         \$710,480         \$682,736         (\$11,196)           11         Subtotal         \$3,558,599         \$963,267,747         \$898,913,442         (\$20,210,965)         \$5           12         3         Schedule 15 Commercial         \$4,629         \$2,723,071         \$2,723,071         \$63,426           14         Schedule 32         \$718,589         \$188,764,472         \$186,647,295         \$1,259,542         \$1           16         Schedule 38         \$13,849         \$4,129,655         \$4,124,117         \$118,721           16         Schedule 47         \$11,466         \$4,379,465         \$4,213,032         \$444,637           17         Schedule 83-S         \$1,240,533         \$262,139,726         \$260,219,296         \$6,752,556         \$2           19         Schedule 85-S         \$891,417         \$166,659,481         \$166,377,461         \$4,880,198         \$1           20         Schedule 89-S         \$0         \$0         \$0         \$0         \$0           21         Schedule 99-S         \$8,767         \$5,892,665	942,357,498 \$699,284 943,056,782 \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 2268,892,282 2171,539,680 \$0,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$912,308,893 \$677,089 \$912,985,982 \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$0 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
Schedule 7	\$699,284 943,056,782 \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0 \$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$677,089 \$912,985,982 \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,75 \$8,886,000 \$260,870,257 \$166,995,474 \$5,466,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
Schedule 15 Residential   \$1,208	\$699,284 943,056,782 \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0 \$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$677,089 \$912,985,982 \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
Subtotal   \$3,558,599   \$963,267,747   \$898,913,442   \$20,210,965   \$5	943,056,782 \$2,786,497 190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0 \$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$912,985,982 \$2,701,429 \$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$0 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
Schedule 15 Commercial	190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0 \$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
Schedule 32	190,024,014 \$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0 \$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$184,134,546 \$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
Schedule 38	\$4,248,375 \$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0 \$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$4,120,001 \$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
16         Schedule 47         \$11,466         \$4,379,465         \$4,213,032         (\$44,637)           17         Schedule 49         \$32,916         \$9,364,212         \$8,902,199         (\$188,850)           18         Schedule 83-S         \$1,240,533         \$262,139,726         \$260,219,296         \$6,752,556         \$2           19         Schedule 85-S         \$891,417         \$166,659,481         \$166,377,461         \$4,880,198         \$1           20         Schedule 89-S         \$0         \$0         \$0         \$0         \$0           21         Schedule 91         \$9,949         \$5,892,665         \$138,742         \$2           22         Schedule 92         \$973         \$204,497         \$204,497         \$7,363           23         Schedule 95         \$8,767         \$5,192,900         \$5,192,900         \$122,266           24         Subtotal         \$2,933,087         \$649,450,146         \$644,496,535         \$13,109,327         \$6           25         Schedule 85-P         \$242,484         \$43,626,070         \$43,588,792         \$844,855         \$3           27         Schedule 89-P         \$156,459         \$25,387,759         \$25,387,759         \$25,387,759         \$62,387,759	\$4,334,828 \$9,175,362 268,892,282 171,539,680 \$0 \$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$4,198,754 \$8,886,000 \$260,870,257 \$166,995,474 \$0 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
To   Schedule   49   \$32,916   \$9,364,212   \$8,902,199   \$188,850     18	\$9,175,362 268,892,282 171,539,680 \$0,36,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$8,886,000 \$260,870,257 \$166,995,474 \$0 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
Schedule 85-S   \$891,417   \$166,659,481   \$166,377,461   \$4,880,198   \$1	171,539,680 \$0,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$166,995,474 \$0 \$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
20         Schedule 89-S         \$0         \$0         \$0         \$0           21         Schedule 91         \$9,949         \$5,892,665         \$5,892,665         \$138,742           22         Schedule 92         \$973         \$204,497         \$204,497         \$7,363           23         Schedule 95         \$8,767         \$5,192,900         \$5,192,900         \$122,266           24         Subtotal         \$2,933,087         \$649,450,146         \$644,496,535         \$13,109,327         \$6           25         Schedule 85-P         \$242,484         \$43,626,070         \$43,588,792         \$844,855         \$8           27         Schedule 89-P         \$156,459         \$25,387,759         \$25,387,759         \$76,223         \$9           28         Schedule 90-P         \$707,205         \$105,835,971         \$105,835,971         \$483,877         \$1	\$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
21         Schedule 91         \$9,949         \$5,892,665         \$1,897,42           22         Schedule 92         \$973         \$204,497         \$204,497         \$7,363           23         Schedule 95         \$8,767         \$5,192,900         \$5,192,900         \$122,266           24         Subtotal         \$2,933,087         \$649,450,146         \$644,496,535         \$13,109,327         \$62           26         Schedule 85-P         \$242,484         \$43,626,070         \$43,588,792         \$844,855         \$84           27         Schedule 89-P         \$156,459         \$25,387,759         \$25,387,759         \$76,223         \$9           28         Schedule 90-P         \$707,205         \$105,835,971         \$105,835,971         \$483,877         \$1	\$6,031,407 \$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$5,846,956 \$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
22         Schedule 92         \$973         \$204,497         \$204,497         \$7,363           23         Schedule 95         \$8,767         \$5,192,900         \$5,192,900         \$122,266           24         Subtotal         \$2,933,087         \$649,450,146         \$644,496,535         \$13,109,327         \$62           26         Schedule 85-P         \$242,484         \$43,626,070         \$43,588,792         \$844,855         \$36,625           27         Schedule 89-P         \$156,459         \$25,387,759         \$25,387,759         \$76,223         \$36,702           28         Schedule 90-P         \$707,205         \$105,835,971         \$105,835,971         \$483,877         \$105,835,971	\$211,860 \$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$205,446 \$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
23         Schedule 95         \$8,767         \$5,192,900         \$5,192,900         \$122,266           24         Subtotal         \$2,933,087         \$649,450,146         \$644,496,535         \$13,109,327         \$62           25         Schedule 85-P         \$242,484         \$43,626,070         \$43,588,792         \$844,855         \$36,625,755           27         Schedule 89-P         \$156,459         \$25,387,759         \$25,387,759         \$76,223         \$36,702,705           28         Schedule 90-P         \$707,205         \$105,835,971         \$105,835,971         \$483,877         \$1	\$5,315,167 662,559,472 \$44,470,925 \$25,463,982 106,319,848	\$5,152,619 \$643,111,480 \$43,741,075 \$25,463,982
24         Subtotal         \$2,933,087         \$649,450,146         \$644,496,535         \$13,109,327         \$6           25         Schedule 85-P         \$242,484         \$43,626,070         \$43,588,792         \$844,855         \$3,855,759           27         Schedule 89-P         \$156,459         \$25,387,759         \$25,387,759         \$76,223         \$6,223	\$44,470,925 \$25,463,982 106,319,848	\$643,111,480 \$43,741,075 \$25,463,982
26         Schedule 85-P         \$242,484         \$43,626,070         \$43,588,792         \$844,855         \$           27         Schedule 89-P         \$156,459         \$25,387,759         \$25,387,759         \$76,223         \$           28         Schedule 90-P         \$707,205         \$105,835,971         \$105,835,971         \$483,877         \$1	\$25,463,982 106,319,848	\$25,463,982
27         Schedule 89-P         \$156,459         \$25,387,759         \$25,387,759         \$76,223         \$5           28         Schedule 90-P         \$707,205         \$105,835,971         \$105,835,971         \$483,877         \$1	\$25,463,982 106,319,848	\$25,463,982
28         Schedule 90-P         \$707,205         \$105,835,971         \$105,835,971         \$483,877         \$1	106,319,848	
		\$106,319,848
29 <b>Subtotal</b> \$1,106,148 \$174,849,799 \$174,812,521 \$1,404,956 \$1		\$175,524,905
30		
31 Schedule 89-T \$24,476 \$4,612,304 \$4,612,304 \$2,510	\$4,614,815	\$4,614,815
32 Schedule 75-T \$0 \$0 \$0 \$0	\$0	\$0
33         Schedule 76R         \$0         \$0         \$0           34         Subtotal         \$24,476         \$4,612,304         \$4,612,304         \$2,510	\$0 \$4,614,815	\$0 \$4,614,815
35	ψ 1,0 1 1,0 10	ψ.,σ,σ.σ
36 Schedule 485-S V2003 \$0 \$129,772 \$129,772 (\$3,990)	\$125,782	\$125,782
37 Schedule 485-S V2010 \$0 \$381,073 \$381,073 \$23,634	\$404,707	\$371,218
38         Schedule 485-S V2011         \$0         \$432,787         \$432,787         \$73,792           39         Schedule 485-S V2012         \$0         \$3,056,637         \$3,056,637         \$415,772	\$506,579 \$3,472,409	\$423,905 \$3,006,591
40 Schedule 485-S V2012 \$0 \$3,030,037 \$413,772 \$0 \$5,030,037 \$1,339,579 \$203,055	\$1,542,634	\$1,310,687
41 Schedule 485-S V2014 \$0 \$141,459 \$141,459 \$21,515	\$162,974	\$136,678
42 Schedule 485-S V2015 \$0 \$163,323 \$163,323 \$7,407	\$170,731	\$159,166
43 Schedule 485-S V2016 \$0 \$529,611 \$19,301	\$548,912	\$518,777
44 Schedule 485-S V2017     \$0     \$4,306,014     \$162,045       45 Schedule 485-S V2018     \$0     \$2,743,347     \$2,743,347     \$98,722	\$4,468,059 \$2,842,069	\$4,215,060 \$2,687,935
46 Schedule 485-S V2019 \$0 \$894,663 \$894,663 \$31,952	\$926,615	\$876,729
47 Schedule 489-S V2014 \$0 \$278,385 \$278,385 (\$7,280)	\$271,105	\$271,105
	\$15,442,576	\$14,103,632
49   50   Schedule 485-P V2010   \$0   \$210,656   \$210,656   \$(\$6,592)	\$204,064	\$204,064
50 Schedule 465-P V2010 \$0 \$210,050 \$210,050 \$0 \$0	\$204,064	\$204,064
52 Schedule 485-P V2012 \$0 \$372,192 \$11,548	\$383,740	\$363,392
53 Schedule 485-P V2013 \$0 \$1,416,240 \$1,416,240 \$167,264	\$1,583,505	\$1,387,945
54 Schedule 485-P V2014 \$0 \$85,380 \$85,380 \$18,201	\$103,582	\$82,095
55   Schedule 485-P V2015	\$1,070,675 \$0	\$1,070,675 \$0
57 Schedule 485-P V2017 \$0 \$2,382,263 \$2,382,263 (\$16,188)	\$2,366,075	\$2,326,787
58 Schedule 485-P V2018 \$0 \$481,832 \$481,832 \$10,481	\$471,351	\$471,351
59 Schedule 485-P V2019 \$0 \$951,493 \$951,493 (\$18,977)	\$932,516	\$932,513
60 Schedule 489-P V2004 \$0 \$535,543 \$535,543 (\$17,255) 61 Schedule 489-P V2010 \$0 \$590,522 \$590,522 (\$16,874)	\$518,288 \$573.648	\$518,288 \$573.648
61         Schedule 489-P V2010         \$0         \$590,522         \$590,522         (\$16,874)           62         Schedule 489-P V2011         \$0         \$1,070,093         \$1,070,093         (\$41,209)	\$573,648 \$1,028,884	\$573,648 \$1,028,884
63 Schedule 489-P V2012 \$0 \$765,763 \$765,763 (\$20,038)	\$745,725	\$745,725
64 Schedule 489-P V2013 \$0 \$371,310 \$371,310 (\$12,972)	\$358,338	\$358,338
65 Schedule 489-P V2014 \$0 \$420,556 \$420,556 (\$25,202)	\$395,353	\$395,353
66 Schedule 489-P V2016 \$0 \$2,119,373 \$2,119,373 (\$52,337)  67 Schedule 489-P V2017 \$0 \$4,687,651 \$4,687,651 (\$113,093)	\$2,067,035 \$4,574,558	\$2,067,035 \$4,574,558
67         Schedule 489-P V2017         \$0         \$4,687,651         \$113,093           68         Schedule 489-P V2018         \$0         \$5,546,162         \$5,546,162         \$131,578	\$4,574,558 \$5,414,584	\$4,574,558 \$5,414,584
	\$1,447,845	\$1,447,844
	\$24,239,766	\$23,963,080
71	¢400 F00	£420 F00
72         Schedule 489-T V2007         \$0         \$132,962         \$132,962         (\$399)           73         Schedule 489-T V2012         \$0         \$519,222         \$519,222         (\$23,179)	\$132,563 \$496,044	\$132,563 \$496,044
74 Schedule 489-T V2013 \$0 \$648,251 \$648,251 (\$19,472)	\$628,779	\$628,779
75 Subtotal \$0 \$1,300,435 \$1,300,435 (\$43,049)	\$1,257,386	\$1,257,386
76 77 000 T-1-1-1	700 405 00 :	f4 700 007 100
77 COS Totals         \$7,622,310         \$1,792,179,996         \$1,722,834,802         (\$5,694,172)         \$1,7           78 Market Totals         \$0         \$0         \$0         \$0	786,485,824 \$0	\$1,736,237,182 \$0
	ەر \$40,939,728	\$39,324,097
	827,425,552	

RA 3 - ADV 1130 PGE Response to Staff IR 3, Attachment IR 3B&4A Marginal Costs.XLX Page 124

Contract Contract Electrics												
	А	A B C D	E	F	G	Н		J	К	١	M	N
	1 2	COTT AND CENTRAL FLECTOR										
Decided   Colored   Colo												
Chapter   Chap												
Secondary   Seco						Transmission	Transmission		Volumetric			
Company   Comp												Facilities
Schedule		irouping	1-phase	3-phase	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues
December   190,000   190   190   141,111   190   190   180,140   190		chadula 7	\$102.2E1.E01	\$1.000	\$15,010,020	en	¢n.	\$160 504 222	\$97 AAE A37	\$52 225 222	60	\$0
December   1900   190												\$0
Comment				\$1,980	\$15.823.249							\$0
Proceedings												
Secondary   Seco			\$0			\$0				\$0		\$0
Schedule   Section   Sec												\$0
Decidade 65			\$16,500						\$987.999	50		\$0 \$0
December 19												\$0
Contact Bit										\$0	\$14.982.872	\$24,502,127
Contact P												\$9,656,735
Contained   Cont												\$0
Section   Sect												\$0 \$0
Command Ref												\$0
Declared BFF			\$11,734,936	\$23,624,024	\$3,161,928	\$9,307,113	\$0	\$64,152,724	\$6,329,824	\$0	\$24,470,126	\$34,158,863
	25											
Personal Sept												\$3,368,481
Decided BY   10   150,000   10   151,000   10   10   10   10   10   10   10												\$558,000
Company   Comp												\$4,025,841
Security				9.,000,000	- 20	40,.00,000	40	40				, - , - , - , - , - , - , - , - , -
Declared FRE												\$279,000
December   Proceed   Procede   Procede   Procede   Procede   Procede   Procede   Pro	32 Sc	chedule 75-T	\$0		\$0	\$0	\$0	\$0	\$0	\$0		\$0
Schedule 4554 V2001						\$160 000						\$279,000
Proceedings 45 (1986)		abtoai	30	\$231,000	30	\$100,303	30	\$0	30	30	\$93,000	\$279,000
Schedul 455 V391		chedule 485-S V2003	\$0	\$12,000	SO.	\$0	\$0	\$0	SO.	SO.	\$16,272	\$54.053
Company   Comp		ichedule 485-S V2010	\$0	\$48,000				\$0		\$0	\$65,088	\$146,589
Company   Comp												\$178,844
State   Stat												\$746.275
December 45 to 2001   10   10   10   10   10   10   10			\$0 \$0		S0 50							\$467.074 \$51.844
December 4654 V2015												\$22,380
Technolome 484 V 1977	43 Sc	chedule 485-S V2016	02	\$42,000	\$0	\$0	\$0	\$0	\$0	\$0	\$56,952	\$21.840
Columbia 455 V 2073	44 Sc	chedule 485-S V2017	\$0		8	\$0	\$0	\$0	\$0	\$0		\$391,901 \$270,534
Declared 465 V 1971   5   517 500   50   50   50   50   50   50   50												\$270,534 \$70,823
Decided Set 97/07/09   10   15/05/09   10   10   10   10   10   10   10												\$70,823
Declarida 455 F 1978												\$2,479,397
Deciding 465 F V2911												
Checked 455 Y 1973   10   15   20   10   10   10   10   10   10   10												\$102,520
December 455 F V SST   10   11   12   12   12   12   12   12												\$0 \$144.511
Contact 455 Y 1751   10   11   12   12   12   12   12   1												\$144,511
Checkade 455 Y 1979   10   11   20   20   20   20   20   20	54 Sc	ichedule 485-P V2014	\$0	\$11,280	\$0	\$0	\$0	\$0	\$0	\$0	\$15,072	\$24,407
Decided 465 F V2017   10   16   10   10   10   10   10   10	55 Sc	chedule 485-P V2015	\$0	\$11,280	\$0	\$0	\$0	\$0	\$0	\$0		\$164,669
December 455 (1978)												\$0 \$209.774
Declande 495 Y 2979   DE   \$11,200   DE   DE   DE   DE   DE   DE   DE												\$209,774 \$59.297
Decident 469 F 12064   10   10   12   12   10   10   10   10												\$155,071
Declande 499 Y 2011	60 Sc	chedule 489-P V2004	\$0	\$21,240	\$0	\$0	\$0	\$0	\$0	\$0	\$18,600	\$55,800
Checked 499 F 9282   50   583,722   10   10   10   10   10   10   10												\$55,800
December 4989 Y 2091   10   10   10   10   10   10   10												\$111,600 \$167,400
Schedule 499 F 7874   50   527 249   50   50   50   50   50   50   50   5												\$167,400
Schedule 499 F 2015   50   51   50   50   50   50   50	65 Sc	chedule 489-P V2014	\$0		\$0	\$0	\$0	02	\$0	\$0	\$18,600	\$55,800
Schedule 499 Y 2091   Sch.			\$0		\$0	\$0	\$0		\$0	\$0		\$55.800
Control of the Part (1975)   Control of the		chedule 489-P V2017	\$0	\$42,480	\$0	\$0	\$0	\$0	\$0	\$0	\$37.200	\$111.600
		chedule 489-P V2018	\$0		\$0	\$0 \$0	\$0		\$0	\$0		\$111.600 \$55,800
												\$2,152,664
Section 499 F 1987 DAX				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					_			
Section 409   Y971 DAX   51   \$62.00   50   50   50   50   50   50   50	72 Sc											\$19
20		chedule 489-T V2012 DAX										\$55,800
COS   COSCA	76 Sc		\$0		\$0 \$0	\$0 \$n	\$0		\$0 \$0	50	\$18,600	\$55,800 \$111,619
To Content		TT	30	¥135,600	30	30	30	30	30	30	9171,000	¥111,613
Tollera Trushs	77 CC	OS Totals	\$115,086,437	\$25,396,804	\$18,985,177	\$12,634,157	\$0	\$233,917,445	\$93,775,261	\$52,236,332	\$26,193,990	\$38,463,703
\$15.058,277   \$27.058,244   \$15.955,477   \$27.058,244   \$15.955,777   \$27.054,157   \$0 \$233.517,445   \$10.775,201   \$10.775,20	78 Ma	farket Totals	\$0	\$0			\$0		\$0	\$0	\$0	\$0
## 1												\$4,743,680
22		otais	3115,086,437	\$27,566,284	\$18,985,177	\$12,634,157	\$0	\$233,917,445	au3,775,261	\$52,236,332	\$28,868,622	\$43,207,383
83 G \$155.272.732 S4 651.933		<del>                                      </del>										
24 T \$4.651,933		G										
254 U 554.768.738	84	1 1	\$4.651.933									
	.85	1 1 10	354.768.738						_	_	_	

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2										
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5		Distribution	Distribution	System	Block 1	Block 2	Block 3	Flat	On-peak	Off-peak
6 7	Facilities Revenues	Demand Revenues	Demand Revenues	Usage Revenues	Energy Revenues	Energy Revenues	Energy Revenues	Energy Revenues	Energy Revenues	Energy Revenues
8	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues
9	\$0	\$0	\$0	\$17,030,066	\$270,189,253	\$139,322,024	\$92,455,495	\$0	\$0	\$0
10	\$0	\$0	\$0	\$24,382	\$0	\$0	\$0	\$164,963	\$0	\$0
11	\$0	\$0	\$0	\$17,054,448	\$270,189,253	\$139,322,024	\$92,455,495	\$164,963	\$0	\$0
13	\$0	\$0	\$0	\$93.450	SO.	\$0	\$0	\$632.255	\$0	\$0
14	\$0	\$0	\$0	\$3,135,659	\$0	\$0	\$0	\$97.989.342	\$0	88
15	\$0	\$0	\$0	\$78.372	\$0	\$0	\$0	\$0	\$1.024.101	\$718.022
16	\$0 \$0	\$0 \$0	\$0 \$0	\$90.211 \$183.295	\$0 \$0	\$0 \$0	\$0 \$0	\$1.515.856 \$4.513.305	\$0 \$0	\$0 \$0
17	\$0	\$23.065.851	\$0	\$17.367.468	\$0	\$0	\$0		\$122.809.761	\$48.141.270
19	\$0	\$15,308,093	\$0	\$2,377,113	\$0	\$0	\$0	\$0	\$87,192,302	\$34,888,739
20	\$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0
21 22	\$0 \$0	\$0 \$0	\$0 \$0	\$99,217 \$3,020	\$0 \$0	\$0 \$0	\$0 \$0	\$1,358,920 \$129,842	\$0 \$0	\$0 \$0
23	\$0	\$0	\$0	\$87,435	\$0 \$0	\$0 \$0	\$0 \$0	\$1,197,545	\$0 \$0	\$0 \$0
23 24	\$0	\$38,373,944	\$0	\$23,515,238	\$0	\$0	\$0	\$107,337,065	\$211,026,165	\$83,748,032
25										
26 27	\$0 \$595.395	\$3,875,854	\$0 \$0	\$638,738 \$449,317	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$23,064,300 \$14,104,945	\$10,127,391
28	\$2,921,375	\$7.024.222	\$0	\$1,284,136	\$0	\$0	\$0 \$0	\$0 \$0	\$61,315,416	\$33.411.423
29	\$3,516,770	\$13,033,348	\$0	\$2,372,191	\$0	\$0	\$0	\$0		\$50,681,834
30 31	\$143.726	\$343.376		\$68.407	\$n		\$0		\$2 390 492	\$942.013
31	\$143,726	\$343,376 \$0	\$0 \$0	\$68,407 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$2,390,492 \$0	\$942,013 \$0
33	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	\$143,726	\$343,376	\$0	\$68,407	\$0	\$0	\$0	\$0	\$2,390,492	\$942,013
35										
36 37	\$0 \$0	\$60,407 \$160,720	\$0 \$0	(\$1,760)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
38	\$0	\$189,015	\$0	(\$5,124)	\$0	\$0	\$0	\$0	\$0	\$0
39	\$0	\$1.118.241	\$0	(\$28.873)	\$0	\$0	\$0	\$0	\$0	\$0
40	\$0	\$550.794	\$0	(\$16.129)	\$0	\$0	\$0	\$0	\$0	\$0
41 42	\$0 \$0	\$60.236 \$28.228	\$0 \$0	(\$1.630)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
43	\$0	\$59.871	SO SO	(\$1,868)	\$0	\$0	\$0	\$0	\$0	90
	\$0	\$516,120	\$0	(\$15,682)	\$0	\$0	\$0	\$0	\$0	\$0
45 46	\$0 \$0	\$217,624 \$105,190	\$0 \$0	(\$9,554) (\$3,092)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
47	\$52,700	\$114,750	\$0	(\$674)	\$0	\$0	\$0 \$0	\$0	\$0	\$0
48	\$52,700	\$3,181,195	\$0	(\$89,939)	\$0	\$0	\$0	\$0	\$0	\$0
49	i		-			-				
50 51	\$0 \$0	\$115,066 \$0	\$0 \$0	(\$3,906) \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
52	\$0	\$198,819	\$0	(\$5.614)	\$0	\$0	\$0	\$0	\$0	\$0
53	\$0	\$701,701	\$0	(\$20,598)	\$0	\$0	\$0	\$0	\$0	\$0
54 55	\$0 \$0	\$40,724 \$190,380	\$0 \$0	(\$1,421)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
56	\$0 \$0	\$190,380 \$0	\$0 \$0	(\$5,615) \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
56 57	\$0	\$293,147	\$0	(\$10.441)	\$0	\$0	\$0	\$0	\$0	\$0
58	\$0	\$58,378	\$0	(\$1,928)	\$0	\$0	\$0	\$0	\$0	\$0
59 60	\$115.618	\$154,318 \$333,567	\$0 \$0	(\$3,491)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
61	\$131,792	\$369,447	\$0	(\$3,668)	\$0	\$0	30 \$0	\$0	\$0	\$0
62	\$235,997	\$685,363	\$0	(\$8,958)	\$0	\$0	\$0	\$0	\$0	8
63	\$67,983	\$442,016	\$0	(\$4,356)	\$0	\$0	\$0	\$0	\$0	\$0
64	\$61.916 \$79.236	\$232.817 \$267.730	\$0 \$0	(\$2.820) (\$2.406)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
66	\$63,371	\$255,884	\$0	(\$3.312)	\$0	\$0	\$0	\$0	\$0	S0
67	\$194,544	\$594,792	\$0	(\$7.158)	\$0	\$0	\$0	\$0	\$0	\$0
68 69	\$221,273	\$658.713 \$181.670	\$0 \$0	(\$8.328) (\$2.294)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
70	\$33,287	\$181,670	\$0 \$0	(\$4,294) (\$101,066)	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0 \$0
71										
72	\$0	\$13,492	\$0	(\$104)	\$0	\$0	\$0	\$0	\$0	\$0
73 74	\$204,035 \$208.828	\$204,547 \$249,930	\$0 \$0	(\$6,047)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
75	\$412,863	\$467,969	\$0	(\$11,230)	\$0	\$0	\$0	\$0	\$0	\$0
76										
77	\$3,660,496	\$51,750,669	\$0	\$43,010,285	\$270,189,253	\$139,322,024	\$92,455,495	\$107,502,027	\$311,901,318	\$135,371,878
78 79	\$0 \$1,670,579	\$9,423,694	\$0 \$0	\$0 (\$303.33E)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
80	\$5,331,075	\$61,174,362	\$0 \$0	\$42,808,049	\$270,189,253	\$139,322,024	\$92,455,495	\$107,502,027	\$311,901,318	\$135.371.878
81			40					, or prompted		
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		_	- 20	Αυ	AU	Αυ.	Α.	~	AU.	Α.	A	~	AIX	~	Aai	A1	AU	~	Au	AL	AU.	Α1	AU	Av	A11	~~	A.	~	Lin.
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5	Wheeling	Pozetivo	Fixed	Sch 146	Sch 122s	Sch 122h	Sch 125	Sch 145	Sch 122	Sch 142	Sch 128	Sch 128	Sch 129	Sch 102 Block 1	Sch 102 Block 2	Sch 102	Sch 105	Sch 109	Sch 110	Sch 112	Sch 122	Sch 136	Sch 135	Seb 127	Revenues	Revenues	Supplemental	Total	Revenues
7	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues	Revenues					Supplementals		Revenues		Sch 109
8	\$n	\$0	so.	\$n	\$0	\$n	\$0	\$2.043.608	\$0	(\$1.438.094)	\$n	\$n	\$0	(\$42 167 785)	(\$21.743.652)	\$n	(\$1.211.027)	\$37 314 766	\$378,446	\$2 270 675	\$681 203	\$0	\$1.059.649	\$3.557.391	\$947 435 349	\$883 523 912	(\$19.254.821)	\$928 180 528	\$890 865 762
10	\$0	\$0	\$341,693	\$0	\$0	\$0		\$718	\$0	(\$490)	\$0	\$0		(\$27,222)	\$0	\$0	(\$1,273)	\$26,863	\$326	\$816	(\$261)	\$0					\$1,044	\$716,791	
11	\$0	\$0	\$341,693	\$0	\$0	\$0	\$0	\$2,044,326	\$0	(\$1,438,584)	\$0	\$0	\$0	(\$42,195,007)	(\$21,743,652)	\$0	(\$1,212,300)	\$37,341,629	\$378,772	\$2,271,491	\$680,942	\$0	\$1,060,008	\$3,558,599	\$948,151,096	\$884,212,437	(\$19,253,777)	\$928,897,320	\$891,555,691
13	\$0		\$1,309,612	\$0	\$0 \$0	\$0			\$0	(\$1,877)	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,879)	\$102,957	\$1,251	\$3,128	(\$1,001)	\$0	\$1,376	\$4,629	\$2,743,258	\$2,743,258	\$108,337	\$2,851,595	\$2,748,637
14	\$0 \$0	\$27,101		SO SO				\$408.289 \$7.239	\$0 \$0	(\$5,351)	\$0 \$0	\$0 \$0	\$0 \$0	(\$5,434)	\$0 \$0	\$0 \$0		\$162,900		\$342.963 \$12.275	(\$2.511)	\$0 \$0		\$718.589 \$13.849	\$184.212.064 \$4.170.414	\$182.134.741 \$4.164.980	\$5.428.486 \$180.444	\$189.640.551 \$4.350.858	\$182.233.850 \$4.187.958
16	\$0	\$23		\$0	\$0	\$0	\$0	\$6,274	\$0	(\$4,327)	\$0	\$0	\$0	(\$163,301)	\$0	\$0		\$169.823	\$1.947	\$10.817	(\$1,731)	\$0		\$11,466	\$4,269,396	\$4,106,095	\$27.506	\$4.296.902	\$4.127.080
17 18	\$0 \$0				SO	\$0	\$0	\$18.717 \$721.240	\$0 \$0	(\$12.908) (\$490.443)	\$0 \$0	\$0 \$0	\$0 \$0	(\$453,316) (\$1,884,280)	\$0 \$0	\$0 \$0		\$356.880		\$9.681	(\$226,771)	\$0 \$0			\$9.348.582 \$262.184.861	\$8.895.265 \$260.300.580	(\$56.417) \$10.047.870	\$9.292.165	
19 20	\$0 \$0			\$0 \$0	\$0	\$0	\$0	\$509,381	\$0 \$0	(\$360,812)	\$0 \$0	\$0 \$0		(\$276,711) \$0	\$0 \$0	\$0 \$0		\$6,008,867		\$84,897 \$0	(\$150,222) \$0	\$0 \$0		\$891,417	\$170,083,395 \$0	\$169,806,684 \$0	\$6,718,256 \$0	\$176,801,651 \$0	\$170,792,784
21	\$0	\$0	\$2,758,966	\$0	\$0	\$0	\$0	\$5,915	\$0	(\$4,033)	\$0	\$0	\$0	\$0	\$0	\$0	(\$12,368)	\$200,853	\$2,689	\$6.722	(\$2,151)	\$0	\$2,958	\$9,949	\$5.840.331	\$5,840,331	\$210,533	\$6,050,864	\$5,850,010
22 23	\$0 \$0		\$2,431,333						\$0 \$0	(\$374)	\$0 \$0	\$0 \$0		\$0 \$0	\$0	\$0 \$0		\$8,037 \$177,002		\$574 \$5,924	(\$200)	\$0 \$0		\$973 \$8.767	\$205,446 \$5,146,780	\$205,446 \$5,146,780	\$9,535 \$185,532	\$214,980 \$5.332,312	\$206,943 \$5,155,311
24	\$0		\$6,499,911	\$0 \$0	\$0 \$0			\$5,213 \$1,685,570	\$0	(\$1,161,315)	\$0 \$0	\$0 \$0	\$0	(\$4,860,366)	\$0 \$0	\$0		\$177,002		\$650,077	(\$1,533,628)	\$0 \$0		\$2,933,087	\$5,146,780 \$648,204,526	\$5,146,780 \$643,344,160	\$185,532	\$5,332,312 \$671,064,608	\$5,155,311 \$645,954,083
25 26	\$0	\$127 792	\$0	\$n	\$0	\$n	60	\$141,942	SO	(\$100 642)	\$n	\$0	\$0	(\$36 677)	ėn.	SO	(600 714)	\$965,092	\$12.064	\$23,657	/\$24.127)	\$0	\$70.971	\$242.484	\$44,610,009	\$44.573.432	\$1,206,249	\$45.816.258	\$44.851.167
27	\$0	\$33,485	\$0	\$0	\$0	\$0	\$0	\$92,271	\$0	(\$64,188)	\$0	\$0	\$0	(\$36,577)	\$0 \$0	\$0	(\$52,153)	\$0	\$0	\$4,012	(\$24,127)	\$0	\$48,141	\$156,459	\$25,953,980	\$25,953,980	\$184,541	\$26,138,522	\$26,138,522
28 29	\$0	\$10,718 \$171,995						\$409,435 \$643,647	\$0 \$0	(\$279,160) (\$443,890)	\$0 \$0	\$0 \$0		\$0 (\$36,677)	\$0 \$0	\$0 \$0		\$000 002	\$0 \$12.064	\$18,611 \$46,279	\$0		\$204,717		\$108,051,394 \$178,615,383	\$108,051,394	\$818,869	\$108,870,263 \$180,825,042	
30										(4+13,000)				1930,577)			(400,300)				(90.9,127)								
31 32	\$0 \$0	\$16,191		\$0 \$0	\$0 \$0				\$0 \$0	(\$10,041) \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$8,159) \$0	\$0 \$0		\$628 \$0	\$0 \$0	\$0 \$0		\$24,476 \$0	\$4,676,168	\$4,676,168 \$0	\$28,869 \$0	\$4,705,037	\$4,705,037 \$0
33	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34 35	\$0	\$16,191	\$0	\$0	\$0	\$0	\$0	\$14,435	\$0	(\$10,041)	\$0	\$0	\$0	\$0	\$0		(\$8,159)	\$0	\$0	\$628	\$0	\$0	\$7,531	\$24,476	\$4,676,168	\$4,676,168	\$28,869	\$4,705,037	\$4,705,037
36	\$0 \$0	\$2,807	\$0		\$0				\$0 \$0	(\$1,995)	\$0 \$0	\$0 \$0		\$0 \$0		\$0 \$0	(\$2,229)	\$0		\$469	\$0	\$0	\$0 \$0	\$0 \$0	\$143,779 \$418 539	\$143,779	(\$3,755)	\$140,024	\$140,024
37 38	\$0		\$0		\$0	\$0	\$0	\$0	\$0	(\$5,481)	\$0	\$0		\$0	\$0 \$0	\$0		\$44,283 \$109,322		\$1,290 \$1,367	(\$277) (\$683)	\$0 \$0	\$0	\$0	\$477,978	\$418,539 \$477,978	\$34,243 \$99,073	\$452,782 \$577,051	\$408,499 \$467,729
39 40	\$0	\$12.602							SO SO	(\$32,723)	\$0	\$0 \$0	\$0	\$0	\$0	SO SO	(\$36.573)	\$615,958	\$7.699 \$3.834	\$7.699	(\$3.850)	\$0	\$0 \$0	\$0 \$0		\$3.247.709	\$558.212 \$274.214	\$3.805.921	\$3,189,963 \$1,426,850
41	\$0	\$1.838	\$0	SO	SO	\$0	\$0	SO	\$0	(\$1,847)	\$0	\$0	\$125.395	\$0	S0 \$0	\$0	(\$2,065)	\$34,772	\$435	\$435	(\$217)	\$0	\$0	\$0	\$280,091	\$280.091	\$31.512	\$311.603	\$276.831
42 43	\$0 \$0	\$1.339 \$325	S0 S0		SO SO			SO SO	SO SO	(\$812)	\$0 \$0	\$0	\$112.160 \$378.683	SO SO	\$0	\$0 \$0	(\$908)	\$15.292 \$39.848	\$191 \$498	\$191 \$498	(\$96)	\$0 \$0	\$0 \$0	\$0 \$0	\$177.527 \$557.802	\$177.527 \$557.802	\$13.859 \$36.112	\$191.385 \$593.915	\$176,093 \$554,067
44	\$0	\$2,774	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$17,773)	\$0	\$0	\$3,254,487	\$0	\$0	\$0	(\$19,864)	\$334,544	\$4,182	\$4,182	(\$2,091)	\$0	\$0	\$0	\$4,686,768	\$4,686,768	\$303,181	\$4,989,948	\$4,655,404
45	\$0 \$0	\$6,060 \$357			\$0 \$0				\$0 \$0	(\$10,828) (\$3,504)	\$0 \$0		\$2,126,674 \$612,651	\$0 \$0	\$0 \$n	\$0 \$0		\$203,814		\$2,548 \$825	(\$1,274)	\$0 \$0	\$0 \$0	\$0 \$0		\$2,978,873 \$913,153	\$184,707 \$59.781	\$3,163,580 \$972,934	\$2,959,766
47	\$0	\$4,771	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,292)	\$0	\$0	\$65,118	\$0	\$0	\$0	(\$2,292)	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$350,904	\$350,904	(\$4,449)	\$346,455	\$346,455
48 49	\$0	\$43,257	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$103,459)	\$0	\$0	\$6,675,167	\$0	\$0	\$0	(\$115,361)	\$1,770,505	\$22,131	\$23,939	(\$11,066)	\$0	\$0	\$0	\$15,692,465	\$15,692,465	\$1,586,689	\$17,279,154	\$15,508,649
501	\$0	\$5,730		\$0	\$0	\$0	\$0		\$0	(\$4,151)	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,639)	\$0	\$0	\$977	\$0	\$0	\$0	\$0	\$232,585	\$232,585	(\$7,813)	\$224,773	\$224,773
51 52	\$0 \$0	\$0 \$924			\$0 \$0				\$0 \$0	(\$5,965)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 (\$6,666)	\$0 \$26,907		\$0 \$1,403	\$0 (\$168)	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$404.521	\$0 \$15.848	\$0 \$420,369	\$0 \$393,462
53 54	\$0 \$0	\$18,237	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$21,886)	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$24,461)	\$258,591	\$3,232	\$5,150 \$355	(\$1,616)	\$0 \$0	\$0	\$0 \$0	\$1,523,682	\$1,523,682 \$193,366	\$219,010	\$1,742,692	\$1,484,101 \$190,703
55	\$0 \$0	\$1,466							\$0 \$0	(\$5,966)	\$0 \$0		\$101,838 \$816,334	\$0 \$0		\$0 \$0		\$28,412 \$0		\$355 \$1,404	(\$178) \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$193,366 \$1,196,799	\$25,748 (\$11,231)	\$219,114 \$1,185,569	\$190,703 \$1,185,569
56 57	\$0 \$0	\$6,114		\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$1,998,877	SO SO	\$0 \$0	\$0 \$0	\$0	\$0 \$51,951		\$0 \$2.610	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$2,602,879	\$0 \$31,393	\$0 \$2,634,272	\$0 \$2,582,321
58	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,048)	\$0	\$0	\$396,826	\$0	\$0	\$0	(\$2,289)	\$0	\$0	\$482	(\$325) \$0	\$0	\$0	\$0	\$525,749	\$525,749	\$3,855)	\$521,894	\$521,894
59 60	\$0 \$0	\$4,646 \$17,986			\$0 \$0				\$0 \$0	(\$3,709)	\$0 \$0	\$0 \$0	\$645,317	\$0 \$0	\$0	\$0 \$0	(\$4,145)	\$3 \$0		\$873 \$750	(\$0) \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$982,213 \$559.060	(\$6,978)	\$975,235 \$535,053	\$975,232 \$535,053
61	\$0	\$22,412	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,739)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$734	\$0	\$0	\$0	\$0	\$615,623	\$615,623	(\$23,477)	\$592,145	\$592,145
62 63	\$0 \$0	\$17,080		\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	(\$28,667) (\$13.940)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$30,459) (\$14,811)	\$0 \$0		\$1,792 \$871	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$1,120,761	\$1,120,761	(\$57,334) (\$27,879)	\$1,063,427	\$1,063,427 \$766,106
64	\$0	\$102	\$0	\$0	\$0	\$0	\$0	SO	\$0	(\$9.024)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$564	\$0	\$0	\$0	\$0	\$387.654	\$387.654	(\$18.048)	\$369,606	\$369,606
65 66	\$0 \$0	\$649 \$0		SO SO	\$0 \$0				\$0 \$0	(\$10.898) (\$10.600)	SO SO	\$0 \$0	\$627.334 \$1.829.822	\$0 \$0	\$0 \$0	\$0 \$0	(\$11.579) (\$11.262)	\$0 \$0		\$681 \$662	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$1.067.183 \$2.241.405	\$1.067.183 \$2.241.405	(\$21.797) (\$21.200)	\$1.045.387 \$2.220.205	\$1.045.387 \$2.220.205
67	\$0	\$27.611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$22,905)	\$0	\$0	\$4.075.642	\$0	\$0	\$0		\$0	\$0	\$1.432	\$0	\$0	\$0	\$0	\$5.076.710	\$5,076,710	(\$45.810)	\$5.030.901	\$5,030,901
68 69	\$0 \$0	\$15.904 \$6,464	\$0	\$0		\$0	\$0		\$0 \$0	(\$26,649) (\$7,341)	\$0 \$0	\$0	\$4.918.360 \$1,181,852	\$0 \$0	\$0 \$0	\$0 \$0	(\$7,799)	\$0 \$3	\$0	\$1.666 \$459	\$0 (\$0)	\$0 \$0	\$0 \$0	\$0 \$0	\$1,496,618	\$5,997,202 \$1,496,618	(\$53.297) (\$14,678)	\$5.943.904 \$1,481,940	\$5,943,904 \$1,481,937
70 71	\$0	\$151,426	\$0	\$0		\$0	\$0	\$0	\$0	(\$210,093)	\$0	\$0	\$16,592,203	\$0	\$0	\$0	(\$226,330)	\$365,867	\$4,573	\$22,864	(\$2,287)	\$0	\$0	\$0	\$27,017,997	\$27,017,997	(\$45,405)	\$26,972,592	\$26,606,725
72	\$0									(\$277)	\$0	\$0	\$0	\$0	\$0	\$0		\$0		\$17	\$0	\$0		\$0		\$134,452	(\$555)	\$133,897	\$133,897
73 74	\$0 \$0	\$14,847 \$91,153		\$0 \$0	\$0 \$0				\$0 \$0	(\$16,124)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0		\$1,008 \$847	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$537,982 \$665,431	\$537,982 \$665,431	(\$32,249)	\$505,733 \$638,340	\$505,733 \$638.340
75	\$0 \$0	\$106,444		\$0 \$0	\$0 \$0				\$0 \$0	(\$29,947)	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0		\$1,872	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$665,431 \$1,337,864	(\$59,895)	\$1,277,969	\$1,277,969
76 77	en.	\$052.010	\$6.841.604	\$0	\$0	en	50	\$4.387.977	\$n	(\$3.0E3.031)	\$0	\$0	\$0	/\$47.004.0E0\	(\$24.742.662)	SO	/\$2.747.2E01	\$63.417.246	\$675,001	\$2,968,476	/6076 01/h	¢n.	62 257 222	\$7.622.210	\$1,779,647,173	61 710 011 571	\$E 944 93E	\$1,785,492,008	\$1 722 074 762
78	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
79 80	\$0 \$0	\$301,127	\$6.841.604	\$0 \$0	\$0 \$0		\$0	\$0 \$4 387 977	\$0 \$0	(\$343,499)	\$0 \$0		\$23,267,370	\$0 /\$47 091 9501	(\$21.743.652)	\$0 \$0	(\$373,510) (\$3,090,774)	\$2,136,372 \$65,553,618		\$48,674	(\$13,352) (\$890 166)	\$0 \$n	\$0 \$2 257 332	\$0 \$7,622,310	\$44,048,327 \$1,823,695,500	\$44,048,327 \$1,754,859,898	\$1,481,389	\$45,529,716 \$1,831,021,723	\$43,393,344
81	30			30	30	30	30	- 1,000 cal l	30	(150,100,00)	JU.	30		, , , , , , , , , , , , (SU)	(am 1,1 mo,002)	30	,30,000,71)	,,-10	9701,708	20,011,130	, prosect, (OD)	30	200,100,000	10 درعمدر . پ	,uxu,usu,500		Chapter, 19	,Jun,ou.1,723	
82 83				<del></del>															<del></del>										
84																													
85		1		1	1		1		1										1				1			1			

### Schedule 132 Allocation

			Gen Rev	2019 Non-Gen
		Rev at Current	at Current	Base Rev at
<b>.</b>		Prices	Prices	Current Prices
Sch 7		\$946,490,531	\$501,966,773	\$444,523,759
Sch 15		\$3,459,005	\$797,218	\$2,661,787
Sch 32		\$184,212,064	\$97,989,342	\$86,222,722
Sch 38		\$4,170,414	\$1,742,123	\$2,428,290
Sch 47		\$4,269,396	\$1,515,856	\$2,753,540
Sch 49		\$9,348,582	\$4,513,305	\$4,835,277
Sch 83		\$262,184,861	\$170,951,031	\$91,233,829
Sch 85				
	85-S	\$170,083,395	\$122,081,042	\$48,002,353
	85-P	\$44,610,009	\$33,191,691	\$11,418,318
Sch 89				
	89-S			
	89-P	\$25,953,980	\$21,247,965	\$4,706,016
	89-T	\$4,676,168	\$3,332,505	\$1,343,663
Sch 90		\$108,051,394	\$94,726,839	\$13,324,554
Sch 91/9	5	\$10,987,111	\$2,556,465	\$8,430,646
Sch 92		\$205,446	\$129,842	\$75,604
Sch 485-	S			
	Sch 485-S V2013 and Prior	\$5,747,347		\$5,747,347
	Sch 485-S V2014 L	\$280,091	\$125,395	\$154,696
	Sch 485-S V2015 M	\$177,527	\$112,160	\$65,367
	Sch 485-S V2016 N	\$557,802	\$378,683	\$179,120
	Sch 485-S V2017 O	\$4,686,768	\$3,254,487	\$1,432,281
	Sch 485-S V2018 P	\$2,978,873	\$2,126,674	\$852,200
	Sch 485-S V2019 Q	\$913,153	\$612,651	\$300,502
Sch 485-		<del>+</del> ,	*- ,	+,
	Sch 485-P V2013 and Prior	\$2,160,788		\$2,160,788
	Sch 485-P V2014 L	\$193,366	\$101,838	\$91,528
	Sch 485-P V2015 M	\$1,196,799	\$816,334	\$380,465
	Sch 485-P V2016 N	\$0	\$0	\$0
	Sch 485-P V2017 O	\$2,602,879	\$1,998,877	\$604,001
	Sch 485-P V2018 P	\$525,749	\$396,826	\$128,924
	Sch 485-P V2019 Q	\$982,213	\$645,317	\$336,896
Sch 489-		¥**=,=.**	40.0,0.0	4000,000
	Sch 489-S V2014 L	\$350,904	\$65,118	\$285,786
Sch 489-		+,	¥ ,	,,
	Sch 489-P V2013 and Prior	\$3,477,083		\$3,477,083
	Sch 489-P V2014 L	\$1,067,183	\$627,334	\$439,849
	Sch 489-P V2015 M	<b>¥</b> 1,001,100	<b>4</b> 0-1,001	\$0
	Sch 489-P V2016 N	\$2,241,405	\$1,829,822	\$411,583
	Sch 489-P V2017 O	\$5,076,710	\$4,075,642	\$1,001,068
	Sch 489-P V2018 P	\$5,997,202	\$4,918,360	\$1,078,842
	Sch 489-P V2019 Q	\$1,496,618	\$1,181,852	\$314,766
Sch 489-		ψ1, 100,010	ψ.,101,002	ψο ι ι,ι σο
3011 <del>1</del> 00	Sch 489-T V2013 and Prior	\$1,337,864		\$1,337,864
	33 100 1 V2010 and 1 nor	Ψ1,001,004		ψ1,501,504
		\$1,822,750,682	\$1,080,009,366	\$742,741,316
		Ψ1,022,100,002	Ψ1,000,000,000	Ψ1 2,1 1,010

\$444,524 \$2,662

\$86,223

\$2,428

\$2,754

\$4,835

\$91,234

\$48,002

\$11,418

\$4,706

\$1,344

\$13,325

\$8,431

\$76

\$5,747

\$155

\$65

\$179 \$1,432

\$852

\$301

\$2,161 \$92

\$380

\$0

\$604

\$129

\$337

\$286

\$3,477

\$440

\$0

\$412

\$1,001

\$1,079

\$315

\$1,338

## PORTLAND GENERAL ELECTRIC CONSUMER IMPACT OFFSET

Grouping	Cycle MWH	Revenues at Current Prices (\$000)	2019 Allocated Costs (\$000)	Percent Change	Impact Offset Amount	Impact Offset MWH	CIO mills/kWh	CIO Revenues
Schedule 7	7,568,918	\$947,435	\$963,143	1.7%		7,568,918	(0.08)	(\$606)
Schedule 15	15,774	\$3,459	\$3,337	-3.5%		,,-	6.10	\$96
Schedule 32	1,633,156	\$184,212	\$188,882	2.5%		1,633,156	(80.0)	(\$131)
Schedule 38	31,475	\$4,170	\$4,130	-1.0%			0.00	\$0
Schedule 47	21,633	\$4,269	\$4,379	2.6%			0.00	\$0
Schedule 49	64,540	\$9,349	\$9,364	0.2%			0.00	\$0
Schedule 83	2,884,961	\$262,185	\$262,146	0.0%			0.00	\$0
Schedule 85	2,713,846	\$237,696.76	\$231,359.48	-2.7%			0.00	\$0
Schedule 89	463,935	\$51,675.12	\$48,568	-6.0%		463,935	0.38	\$176
Schedule 90	1,861,066	\$108,051	\$105,675	-2.2%		1,861,066	0.08	\$149
Schedules 91 & 95	50,583	\$10,987	\$11,182	1.8%			(1.90)	(\$96)
Schedule 92	2,496	\$205	\$205	-0.5%			0.00	\$0
COS TOTALS Sch 485 Energy Sch 489 Energy Totals	17,312,384 926,440 <u>1,161,686</u> 19,400,511	\$1,823,695	\$1,832,370	0.5%	\$0	<u>1,161,686</u> 12,688,761	0.00 0.38	\$0 <u>\$441</u> \$31
Note: does not include Scl Note: does not include em	-	\$0 (\$945)	\$0 (\$960)					
Reconcile CIO worksheet	to revenues	\$1,822,751	\$1,831,409					
		\$1,822,751	\$1,831,409					
	CIO	0	0					
Schedules	Allocation	MWh	CIO (mills/kWh)					
89/489/589	\$618,652	1,625,621	0.38					
90/490/590	\$154,663	1,861,066	0.08					
Totals	\$773,315	3,486,688						

	Allocated					Annual
	Inputs _		eterminants		Rate	Revenue
Schedule	(\$000)	Amount	Unit	Rate	Unit	(\$000)
SCHEDULE 7						
Residential Allocations						
Functional Costs						
Basic Charge						
Single-Phase	\$225,045	782 966	Customers	\$23.95	per cust. per mo.	\$225,024
Three-Phase	\$6		Customers		per cust. per mo.	\$6
Trans. & Rel. Serv. Charge	\$18,367	7,568,918	MWh		mills/kWh	\$18,392
Distribution Charge	\$214,566	7,568,918	MWh	28.35	mills/kWh	\$214,579
Franchise Fees & Other	\$17,073	7,568,918			mills/kWh	\$17,106
Energy Charge	\$488,086	7,568,918	MWh	64.49	mills/kWh	\$488,120
Subtotal	\$963,143					\$963,227
Pricing						
Functional Costs						
Basic Charge						
Single-Phase		782,966	Customers	\$11.00	per cust. per mo.	\$103,352
Three-Phase			Customers	\$11.00	1	\$2
Trans. & Rel. Serv. Charge		7,568,918			mills/kWh	\$18,392
Distribution Charge		7,568,918	MWh	44.42	mills/kWh	\$336,211
System Usage Charge Calculation Franchise Fees & Other		7,568,918	MMh	2.26	mills/kWh	\$17,106
Cust Impact Offset		7,568,918			mills/kWh	(\$606)
System Usage Charge		7,568,918			mills/kWh	\$16,500
Energy Charge		.,,				4.2,222
Block 1 (First 500 kWh)		4,150,373	MWh	63.27	mills/kWh	\$262,594
Block 2 (501-1,000 kWh)		2,140,123	MWh		mills/kWh	\$135,406
Block 3 (Over 1,000 kWh)		1,278,422	MWh	70.49	mills/kWh	\$90,116
Subtotal						\$962,573
					w/o CIO	\$963,179
SCHEDULE 15						
Outdoor Area Lighting						
Allocations						
Functional Costs						
Basic Charge	\$472		Customers		per cust. per mo.	\$472
Trans. & Rel. Serv. Charge	\$24	15,774			mills/kWh	\$24
Distribution Charge	\$372	15,774			mills/kWh	\$372
Franchise Fees & Other	\$69	15,774			mills/kWh	\$68
Energy Charge Fixed Charges	\$773 \$1,628	15,774 15,774		48.98	mills/kWh	\$773 <u>\$1,628</u>
Subtotal	\$3,337	15,774	IVIVVII			\$3,337
Pricing						
Functional Costs						
Trans. & Rel. Serv. Charge		15,774			mills/kWh	\$24
Distribution Charge		15,774	IVIVVN	53.55	mills/kWh	\$845
System Usage Charge Calc Franchise Fees & Other		15.774	M\A/b	121	mills/kWh	\$68
Cust Impact Offset		15,774			mills/kWh	\$96
System Usage Charge		15,774			mills/kWh	\$165
Energy Charge		15,774			mills/kWh	\$773
Fixed Charges		15,774		.5.50		\$1,628
Subtotal		•				\$3,434
					w/o CIO	\$3,337

	Allocated					Annual
	Inputs		eterminants		Rate	Revenue
Schedule	(\$000)	Amount	Unit	Rate	Unit	(\$000)
SCHEDULE 32						
General Service <30 kW						
Allocations						
Functional Costs Basic Charge						
Single-Phase	\$23,466	56 001	Customers	\$34.02	per cust. per mo.	\$23,467
Three-Phase	\$23,283	/	Customers		per cust. per mo.	\$23,284
Trans. & Rel. Serv. Charge	\$3,367	1,633,156			mills/kWh	\$3,364
Distribution Charge	\$40,229	1,633,156			mills/kWh	\$40,225
Franchise Fees & Other	\$3,192	1,633,156		1.95	mills/kWh	\$3,185
Energy Charge	\$95,345	1,633,156	MWh	58.38	mills/kWh	\$95,344
Subtotal	\$188,882					\$188,868
Pricing						
Functional Costs						
Basic Charge						
Single-Phase		56,001	Customers	\$20.00	per cust. per mo.	\$13,440
Three-Phase		37,764	Customers	\$29.00	per cust. per mo.	\$13,142
Trans. & Rel. Serv. Charge		1,633,156	MWh	2.06	mills/kWh	\$3,364
Distribution Charge						
First 5 MWh		1,427,418			mills/kWh	\$57,739
Over 5 MWh		205,738	MWh	13.00	mills/kWh	\$2,675
System Usage Charge Calc						
Franchise Fees & Other		1,633,156			mills/kWh	\$3,185
Cust Impact Offset System Usage Charge		1,633,156 1,633,156			mills/kWh mills/kWh	( <u>\$131)</u> \$3,054
Energy Charge		1,633,156			mills/kWh	\$95,344
Subtotal		1,033,130	1010011	30.30	IIIIII3/KVVII	\$188,758
					w/o CIO	\$188,888
SCHEDULE 38					W/O CIO	ψ100,000
Time-of-Day G.S. >30 kW						
Allocations						
Functional Costs						
Basic						
Single-Phase	\$54	55	Customers	\$81.85	per cust. per mo.	\$54
Three-Phase	\$530	328	Customers	\$134.75	per cust. per mo.	\$530
Trans. & Rel. Serv. Charge	\$54	31,475			per cust. per mo.	\$54
Distribution Charges	\$1,723	31,475		54.74		\$1,723
Franchise Fees & Other	\$74	31,475			mills/kWh	\$74
Energy Charge	<u>\$1,695</u>	31,475	MWh	53.84	mills/kWh	<u>\$1,695</u>
Subtotal	\$4,130					\$4,129
Pricing						
Functional Costs						
Basic						
Single-Phase			Customers		per cust. per mo.	\$20
Three-Phase			Customers		per cust. per mo.	\$118
Trans. & Rel. Serv. Charge		31,475			mills/kWh	\$54
Distribution Charges		31,475	MWh	68.07	mills/kWh	\$2,142
System Usage Charge						<b>.</b>
Franchise Fees & Other		31,475			mills/kWh	\$74
Cust Impact Offset		31,475			mills/kWh	<u>\$0</u>
System Usage Charge		31,475	IVIVVN	2.34	mills/kWh	\$74
Energy Charge Calc On-Peak (special)		17,091	MM/h	60.70	mills/kWh	\$1,037
On-Peak (special) Off-Peak		17,091 14,383			mills/kWh	\$1,03 <i>7</i> \$657
Reactive Demand Charge		54,201			kVar	* : -
Subtotal		34,201	n v a i	0.50	nvai	<u>\$27</u> \$4,130
oublotai						ψ+, 130
					w/o CIO	\$4,130

	Allocated				Annual	
	Inputs		eterminants		Rate	Revenue
Schedule	(\$000)	Amount	Unit	Rate	Unit	(\$000)
SCHEDULE 47						
Irrig. & Drain. Pump < 30 kW						
Allocations						
Functional Costs						
Basic Charge Single-Phase	\$64	224	Customers	\$47.70	per cust. per summ. mo.	\$64
Three-Phase	\$969		Customers		per cust. per summ. mo.	\$969
Trans. & Rel. Serv. Charge	\$46	21,633			mills/kWh	\$46
Distribution Charges	\$1,675	21,633			mills/kWh	\$1,676
Franchise Fees & Other	\$90	21,633	MWh	4.15	mills/kWh	\$90
Energy Charge	<b>\$1,535</b>	21,633	MWh	70.94	mills/kWh	\$1,535
Subtotal	\$4,379					\$4,379
Pricing						
Functional Costs						
Basic Charge						
Single-Phase		224	Customers	\$37.00	per cust. per summ. mo.	\$50
Three-Phase			Customers	\$37.00		\$630
Trans. & Rel. Serv. Charge		21,633			mills/kWh	\$46
Distribution Charge Calc						
First 50 kWh per kW		7,536			mills/kWh	\$805
Over 50 kWh per kW		14,098	MWh	86.84	mills/kWh	\$1,224
System Usage Charge Calc		04.000				***
Franchise Fees & Other Cust Impact Offset		21,633			mills/kWh	\$90
System Usage Charge		21,633 21,633		<u>0.00</u>	mills/kWh mills/kWh	<u>\$0</u> \$90
Energy Charge		21,633			mills/kWh	\$1,535
Reactive Demand Charge			kVar	\$0.50		\$0
Subtotal with Consumer Impact Offset				******		\$4,379
					w/o CIO	\$4,379
						<b>¥</b> 1,01 0
SCHEDULE 49						
Irrig. & Drain. Pump > 30 kW						
Allocations						
Functional Costs						
Basic Single-Phase	\$4	6	Customers	¢102.70	per cust. per summ. mo.	\$4
Three-Phase	\$812		Customers		per cust. per summ. mo.	\$812
Trans. & Rel. Serv. Charge	\$137	64,540			mills/kWh	\$137
Distribution Charges	\$3,674	64,540			mills/kWh	\$3,674
Franchise Fees & Other	\$175	64,540	MWh	2.71	mills/kWh	\$175
Energy Charge	\$4,562	64,540	MWh	70.68	mills/kWh	\$4,562
Subtotal	\$9,364					\$9,364
Pricing						
Functional Costs						
Basic Charge						
Single-Phase		6	Customers	\$45.00	per cust. per summ. mo.	\$2
Three-Phase		1,268	Customers		per cust. per summ. mo.	\$342
Trans. & Rel. Serv. Charge		64,540	MWh	2.12	mills/kWh	\$137
Distribution Charge Calc						
First 50 kWh per kW		19,051			mills/kWh	\$1,491
Over 50 kWh per kW		45,489	MWh	58.28	mills/kWh	\$2,651
System Usage Charge Calc Franchise Fees & Other		64,540	M\M/b	2 71	mills/kWh	\$175
Cust Impact Offset		64,540			mills/kWh	\$175 <u>\$0</u>
System Usage Charge		64,540			mills/kWh	\$175
Energy Charge		64,540			mills/kWh	\$4,562
Reactive Demand Charge		8,709			kVar	<u>\$4</u>
Subtotal with Consumer Impact Offset						\$9,364
					w/o CIO	\$9,364
					11/0 010	ψ3,304

	Allocated Inputs	Billing De	eterminants		Rate	Annual Revenue
Schedule	(\$000)	Amount	Unit	Rate	Unit	(\$000)
SCHEDULE 83	1 1					•
General Service 31-200 kW						
Allocations						
Functional Costs						
Basic Charge						
Single-Phase Secondary	\$828	683	Customers	\$101.03	per cust, per mo.	\$828
Three-Phase Secondary	\$24,211	10.846	Customers		per cust, per mo.	\$24.211
Transmission & Related Service Charge	\$6,042	8,610,027	kW demand	\$0.70	per kW demand	\$6,027
Distribution Charges						
Feeder Backbone	\$20,840	11,131,043	kW faccap	\$1.87	per kW faccap	\$20,815
Feeder Local Facilities	\$17,389	11,131,043	kW faccap	\$1.56	per kW faccap	\$17,364
Subtransmission Charge	\$10,468	8,610,027	kW demand	\$1.22	per kW demand	\$10,504
Substation Charge	\$10,395	8,610,027	kW demand	\$1.21	per kW demand	\$10,418
Secondary Franchise Fees & Other	\$3,845	2,884,961	MWh	1.33	mills/kWh	\$3,837
Secondary COS Energy Charge	\$168,128	2,884,961	MWh	58.28	mills/kWh	\$168,136
Subtotal	\$262,146					\$262,140
Pricing						
Functional Costs						
Basic Charge						
Secondary Single-Phase		693	Customers	\$35.00	per cust, per mo.	\$287
Secondary Three-Phase			Customers		per cust, per mo.	\$5,857
Trans. & Rel. Serv. Charge		10,040	Customers	φ <del>4</del> 5.00	per cust, per mo.	φυ,ου <i>ι</i>
On-peak		9 606 661	kW demand	¢n 79	per kW demand	\$6.713
Off-peak		-,,	kW demand		per kW demand	\$0,713 \$0
Distribution Charges		3,300	KW demand	φυ.υυ	per kw demand	ΨΟ
Secondary Facilities Charge						
First 30 kW		4 150 380	kW faccap	\$3.50	<= 30 kW faccap	\$14.526
Over 30 kW			kW faccap		> 30 kW faccap	\$23,734
Secondary Demand Charge		0,000,000	KW Idoodp	ψ0.40	> 00 KW Idoodp	Ψ20,704
On-peak		8 606 661	kW demand	\$2.61	per kW demand	\$22,463
Off-peak			kW demand		per kW demand	\$0
Secondary System Usage Charge Calc		0,000	ntr domand	ψ0.00	por ner domand	••
Franchise Fees & Other		2,884,961	MWh	1.33	mills/kWh	\$3.837
Cust Impact Offset		2,884,961		0.00	mills/kWh	\$0
Rate Design		2,884,961			mills/kWh	\$16,329
System Usage Charge		2,884,961			mills/kWh	\$20,166
COS Energy Charge		_,,	**	3.00	-4100000	<del>+</del> ==,.00
On-peak		1,909,059	MWh	63.35	mills/kWh	\$120,939
Off-peak		975,902			mills/kWh	\$47,185
Reactive Demand Charge		538,563		\$0.50		\$269
Subtotal		222,300		\$3.00	-	\$262,140
					w/o CIO	\$262,140

	Allocated	Billing D	storminanta		Rate	Annual Revenu
Schedule	(\$000)	Amount	eterminants Unit	Rate	Unit	(\$000)
SCHEDULE 85	(4000)	Amount	Offic	Nate	Offit	(\$000)
General Service 201-4,000 kW						
,						
Allocations						
Functional Costs						
Basic Charge						
Secondary	\$9,339	,	Customers		per cust, per mo.	\$9,3
Primary	\$1,323		Customers		per cust, per mo.	\$1,3
Transmission & Related Service Charge	\$5,312	7,202,688	kW on-peak	\$0.74	per kW demand	\$5,3
Distribution Charges	¢40.007	40.007.000	134/ 6	£4.00		<b>#40.0</b>
Feeder Backbone	\$18,307		kW faccap		per kW faccap	\$18,2
Feeder Local Facilities	\$8,956		kW faccap		per kW faccap	\$8,9
Subtransmission Charge	\$11,549		kW on-peak		per kW on-peak demand	\$11,5
Substation Charge	\$11,468		kW on-peak		per kW on-peak demand	\$11,4
Secondary Franchise Fees & Other	\$1,885	2,717,524			mills/kWh	\$1,8
Primary Franchise Fees & Other	\$452	922,762			mills/kWh	\$4
COS Energy Charge	<u>\$153,171</u>	2,713,846	MWn	56.44	mills/kWh	<u>\$153,1</u>
Subtotal	\$221,761					\$221,6
Potetore						
Pricing Functional Costs						
Basic Charge						
Secondary		1,399	Customers	\$560.00	per cust, per mo.	\$9,
Primary		236	Customers	\$470.00	per cust, per mo.	\$1,
Secondary Trans. & Rel. Serv. Charge		5,711,975	kW on-peak	\$0.78	per kW demand	\$4,4
Primary Trans. & Rel. Serv. Charge		1,490,713	kW on-peak	\$0.76	per kW demand	\$1,
Distribution Charges			•		•	
Secondary Facilities Charge						
First 200 kW		3,357,800	kW faccap	\$3.17	per kW faccap	\$10,6
Over 200 kW			kW faccap		per kW faccap	\$9,5
Primary Facilities Charge			·			
First 200 kW		567.200	kW faccap	\$3.10	per kW faccap	\$1,7
Over 200 kW		2,091,136	kW faccap	\$1.90	per kW faccap	\$3,9
Secondary Demand Charge			kW on-peak		per kW demand	\$17,8
Primary Demand Charge			kW on-peak		per kW demand	\$5,
Secondary System Usage Charge Calc		, - , -			,	, ,
COS Franchise Fees & Other		2,122,422	MWh	0.97	mills/kWh	\$2,0
Cust Impact Offset		2,122,422			mills/kWh	<del>*</del> =,
COS System Usage Charge		2,122,422			mills/kWh	\$2.0
DA Franchise Fees & Other		595,102			mills/kWh	(\$
Cust Impact Offset		595,102			mills/kWh	(+
DA System Usage Charge		595,102			mills/kWh	(\$1
Primary System Usage Charge Calc		000,.02		(0.20)	· · · · · · · · · · · · · · · · · · ·	(\$
COS Franchise Fees & Other		591.424	MWh	0.93	mills/kWh	\$
Cust Impact Offset		591,424			mills/kWh	Ψ.
COS System Usage Charge		591,424			mills/kWh	\$5
DA Franchise Fees & Other		331,338			mills/kWh	(
Cust Impact Offset		331,338			mills/kWh	(
DA System Usage Charge		331,338			mills/kWh	(5
Secondary COS Energy Charge		331,330	IVIVVII	(0.23)	TIIII3/KVVII	(,
On-peak		1,390,849	M\A/b	61 01	mills/kWh	\$86.
Off-peak		731,573			mills/kWh	\$34,3
Primary COS Energy Charge		131,373	1V1 V V I I	40.91	IIIII 3/KVVII	φ34,
On-peak		374,238	MM/h	60.96	mills/kWh	\$22,7
Off-peak Off-peak		217,186			mills/kWh	\$9,9
		,			kVar	ъ9,8 \$6
Reactive Demand Charge Subtotal		1,343,897	rvdi	0.50	rval	_
Subiolai						\$221,8
					w/o CIO	\$221,8
						,

\$40 591 381 085 1,0 729 3,5 370 3,0 569 2,4 (\$7) 259) 1,3 \$62) 2 979 416	1 1 26 8 0 820,489 272,521	MWh MWh	\$1,893.41 \$3,972.99 \$0.99 \$1.04 \$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per cust, per mo. per cust, per mo. per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand per kW on-peak demand	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
\$40 591 381 381 385 1,0 729 3,5 370 3,0 569 2,4 (\$7) 259 1,3 \$62) 2979 416	1 26 8 093,010 573,990 054,153 410,228 13,482 3249,930 463,935 1 26 8 0 820,489 272,521 12,000 36,000	Customers Customers Customers Customers kW on-peak kW on-peak kW on-peak kW on-peak MWh MWh MWh MWh MWh KWh MWh MWh MWh MWh MWh MWh MWh MWh MWh M	\$3,339.30 \$1,893.41 \$3,972.99 \$0.99 \$1.04 \$1.43 \$1.48 (0.522) (0.19) (0.25) \$51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per cust, per mo. per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand	; \$\$ \$1,6 \$3, \$4, \$3,5 (\$,6 (\$,6 (\$,7 (\$,7 (\$,7 (\$,7 (\$,7 (\$,7) (\$,7 (\$,7) (\$,7 (\$,7) (\$,7
591 381 085 1,0 729 3,5 370 3,0 569 2,4 (\$7) 1,3 \$62) 2979 416 8 2	26 8 093,010 573,990 054,153 410,228 13,482 362,209 249,930 463,935 1 26 8 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak kW on-peak MWh MWh MWh MWh Customers Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$1,893.41 \$3,972.99 \$0.99 \$1.04 \$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$1,( \$3,: \$4,: \$3,: (\$: \$223,! \$37,:
591 381 085 1,0 729 3,5 370 3,0 569 2,4 (\$7) 1,3 \$62) 2979 416 8 2	26 8 093,010 573,990 054,153 410,228 13,482 362,209 249,930 463,935 1 26 8 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak kW on-peak MWh MWh MWh MWh Customers Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$1,893.41 \$3,972.99 \$0.99 \$1.04 \$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$1,( \$3,: \$4,: \$3,: (\$: \$223,! \$37,:
591 381 085 1,0 729 3,5 370 3,0 569 2,4 (\$7) 1,3 \$62) 2979 416 8 2	26 8 093,010 573,990 054,153 410,228 13,482 362,209 249,930 463,935 1 26 8 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak kW on-peak MWh MWh MWh MWh Customers Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$1,893.41 \$3,972.99 \$0.99 \$1.04 \$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$1,( \$3,: \$4,: \$3,: (\$: \$223,! \$37,:
591 381 085 1,0 729 3,5 370 3,0 569 2,4 (\$7) 1,3 \$62) 2979 416 8 2	26 8 093,010 573,990 054,153 410,228 13,482 362,209 249,930 463,935 1 26 8 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak kW on-peak MWh MWh MWh MWh Customers Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$1,893.41 \$3,972.99 \$0.99 \$1.04 \$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$1,( \$3,: \$4,: \$3,: (\$: \$223,! \$37,:
381 085 1,0 729 3,5 370 3,0 569 2,4 (\$7) 259 1,3 \$62) 2 979 416	8 093,010 573,990 054,153 410,228 13,482 362,209 249,930 463,935 1 26 8 8 0 820,489 272,521 12,000 36,000	Customers kW on-peak kW faccap kW on-peak kW on-peak kW on-peak MWh MWh MWh MWh Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$3,972.99 \$0.99 \$1.04 \$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per kW on-peak demand per kW on-peak demand per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand	\$1,6 \$3, \$4,1 \$3,5 \$3,6 \$23,6 \$37,7
085 1,0 729 3,5 370 3,0 569 2,4 (\$7) 259 1,3 \$62) 2 979 4 416	093,010 573,990 054,153 410,228 13,482 362,209 249,930 463,935 1 1 26 8 0 820,489 272,521 12,000 36,000	kW on-peak kW on-peak kW on-peak kW on-peak MWh MWh MWh MWh SCustomers Customers Customers kW on-peak kW on-peak kW on-peak	\$0.99 \$1.04 \$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$0.78 \$0.76	per kW on-peak demand per kW faccap per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand	\$1,4, \$3, \$4, \$3,9 (\$, \$23,9 \$37,7
729 3,5 370 3,0 569 2,4 (\$7) 2259) 1,3 \$62) 2 979 4 416	573,990 054,153 410,228 13,482 362,209 249,930 463,935 1 26 80,489 272,521 12,000 36,000	kW faccap kW on-peak kW on-peak MWh MWh MWh MWh MWh Customers Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$1.04 \$1.43 \$1.48 (0.522) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per kW faccap  per kW on-peak demand per kW on-peak demand mills/kWh mills/kWh mills/kWh mills/kWh per cust, per mo. per kW on-peak demand per kW on-peak demand	\$3, \$4, \$3, \$3, \$3, \$37, \$37,
370 3,0 569 2,4 (\$7) 259) 1,3 \$62) 2 979 4	054,153 410,228 13,482 362,209 249,930 463,935 1 1 26 8 0 820,489 272,521 12,000 36,000	kW on-peak kW on-peak MWh MWh MWh MWh Customers Customers kW on-peak kW on-peak	\$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$0,78 \$0.76 \$0.75	per kW on-peak demand per kW on-peak demand mills/kWh	\$4, \$3,! (\$: \$23,! \$37,:
370 3,0 569 2,4 (\$7) 259) 1,3 \$62) 2 979 4	054,153 410,228 13,482 362,209 249,930 463,935 1 1 26 8 0 820,489 272,521 12,000 36,000	kW on-peak kW on-peak MWh MWh MWh MWh Customers Customers kW on-peak kW on-peak	\$1.43 \$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$0,78 \$0.76 \$0.75	per kW on-peak demand per kW on-peak demand mills/kWh	\$4, \$3,! (\$: \$23,! \$37,:
569 2,4 (\$7) 2259 1,3 \$62) 2 979 4 416 8 8 2	410,228 13,482 362,209 249,930 463,935 1 26 820,489 272,521 12,000 36,000	kW on-peak MWh MWh MWh MWh MWh MWh Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per kW on-peak demand mills/kWh mill	\$3,5 (\$23,9 \$37,5
569 2,4 (\$7) 2259 1,3 \$62) 2 979 4 416 8 8 2	410,228 13,482 362,209 249,930 463,935 1 26 820,489 272,521 12,000 36,000	kW on-peak MWh MWh MWh MWh MWh MWh Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$1.48 (0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76	per kW on-peak demand mills/kWh mill	\$3,5 (\$23,9 \$37,5
(\$7) 259) 1,3 \$62) 2 979 4 416	13,482 362,209 249,930 463,935 1 26 8 0 820,489 272,521 12,000 36,000	MWh MWh MWh MWh Wh Customers Customers Customers kW on-peak kW on-peak	(0.52) (0.19) (0.25) 51.69 \$3,340.00 \$1,890.00 \$0.78 \$0.76	mills/kWh mills/kWh mills/kWh mills/kWh mills/kWh  per cust, per mo. per cust, per mo. per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	(\$. (; \$23.9 \$37.; \$37.
259) 1,3 \$62) 2 979 4 416	362,209 249,930 463,935 1 26 8 0 820,489 272,521 12,000 36,000	MWh MWh MWh Customers Customers Customers kW on-peak kW on-peak	\$3,340.00 \$1,890.00 \$0.78 \$0.76	mills/kWh mills/kWh mills/kWh  per cust, per mo. per cust, per mo. per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	(\$. (! \$23.9 \$37,:
\$62) 2 979 4 416	249,930 463,935 1 26 8 0 820,489 272,521 12,000 36,000	MWh MWh Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$3,340.00 \$1,890.00 \$3,970.00 \$0.76 \$0.76	mills/kWh mills/kWh  per cust, per mo. per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	\$23.5 \$37,5 \$37,5
9 <u>79</u> 4 416 8 8 2	463,935 1 26 8 0 820,489 272,521 12,000 36,000	MWh  Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	\$23. \$37, \$37,
416 8 2	1 26 8 0 820,489 272,521 12,000 36,000	Customers Customers Customers kW on-peak kW on-peak kW on-peak	\$3,340.00 \$1,890.00 \$3,970.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	\$37,· \$ \$ \$
8 2	26 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak	\$1,890.00 \$3,970.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$: \$:
2	26 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak	\$1,890.00 \$3,970.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$: \$(
2	26 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak	\$1,890.00 \$3,970.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$: \$(
2	26 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak	\$1,890.00 \$3,970.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$: \$(
2	26 8 0 820,489 272,521 12,000 36,000	Customers Customers kW on-peak kW on-peak kW on-peak	\$1,890.00 \$3,970.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per cust, per mo. per kW on-peak demand per kW on-peak demand	\$: \$: \$(
2	8 0 820,489 272,521 12,000 36,000	Customers kW on-peak kW on-peak kW on-peak	\$3,970.00 \$0.78 \$0.76 \$0.75	per cust, per mo. per kW on-peak demand per kW on-peak demand	\$
2	0 820,489 272,521 12,000 36,000	kW on-peak kW on-peak kW on-peak	\$0.78 \$0.76 \$0.75	per kW on-peak demand per kW on-peak demand	\$
2	820,489 272,521 12,000 36,000	kW on-peak kW on-peak	\$0.76 \$0.75	per kW on-peak demand	
2	272,521 12,000 36,000	kW on-peak	\$0.75		
3	12,000 36,000	·		per kw on-peak demand	
3	36,000	kW faccan			Ф
3	36,000	kW faccan			
3	36,000		¢1 52	per kW faccap	
3	,			per kW faccap	
3				per kW faccap	
	,	KVV Iaccap	φ1.22	per kw raccap	
	200 000	kW faccap	¢1 40	per kW faccap	\$
0		kW faccap			φ \$1,
	,	•		per kW faccap	\$1, \$1,
1,4	431,944	kW faccap	φ1.10	per kW faccap	φ1,
4	122.000	WM forces	¢4.40	nor 1/1/ forces	•
	,	kW faccap		per kW faccap	\$
		kW faccap		per kW faccap	\$
		kW faccap		per kW faccap	\$
		kW on-peak		per kW on-peak demand	\$
		kW on-peak		per kW on-peak demand	\$5
О	043,925	kW on-peak	\$1.27	per kW on-peak demand	\$
	0	A AVA / Is	0.04		
		MWh		mills/kWh	
		MWh		mills/kWh	
		MWh		mills/kWh	
	13,482			mills/kWh	
	13,482			mills/kWh	
	13,482	MWh	(0.14)	mills/kWh	
	401,176			mills/kWh	9
	401,176			mills/kWh	\$
	401,176			mills/kWh	\$
	961,033			mills/kWh	(\$
	961,033			mills/kWh	\$
9	961,033	MWh	(0.15)	mills/kWh	(\$
	62,759			mills/kWh	
	62,759			mills/kWh	
					(
	187,171	MWh	(0.15)	mills/kWh	(
1					
1					
1	0	MWh	43.69	mills/kWh	
1.					
1	238,945	MWh	57.73	mills/kWh	\$13,
			42.73	mills/kWh	\$6,
2	162,231				
2	162,231	MWh	57.02	mills/kWh	\$2,
2					\$
2	41,003	MWh	74.02		\$
2 1	41,003 21,755				\$38,
2 1	41,003 21,755				
2 1	41,003 21,755				
		187,171 187,171 187,171 0 0 238,945 162,231 41,003	62,759 MWh 187,171 MWh 187,171 MWh 187,171 MWh  0 MWh 0 MWh 182,331 MWh 41,003 MWh	187,171 MWh (0.53) 187,171 MWh 0.38 187,171 MWh 0.38 187,171 MWh (0.15)  0 MWh 58.69 0 MWh 43.69  238,945 MWh 57.73 162,231 MWh 42.73  41,003 MWh 57.02 21,755 MWh 42.02	187,171 MWh 187,171 MWh 187,171 MWh 187,171 MWh 187,171 MWh 0.38 mills/kWh 187,171 MWh 0.15 mills/kWh 0 MWh 58.69 mills/kWh 43.69 mills/kWh 162,231 MWh 57.73 mills/kWh 162,231 MWh 42.73 mills/kWh 41,003 MWh 57.02 mills/kWh 21,755 MWh 42.02 mills/kWh

#### PORTLAND GENERAL ELECTRIC RATE DESIGN 2019

	Allocated Inputs	Pilling D	eterminants		Annual Revenue	
Schedule	(\$000)	Amount	Unit	Rate	Rate Unit	(\$000)
SCHEDULE 90	/					
Primary Voltage Service						
Allocations						
Functional Costs						
Primary Basic Charge	\$292	4	Customers	\$6,090.84	per cust, per mo.	\$292
Transmission & Related Service Charge	\$2,682	2,701,624	kW on-peak	\$0.99	per kW on-peak demand	\$2,675
Distribution Charges						
Feeder Backbone	\$2,029	2,826,257	kW faccap	\$0.72	per kW faccap	\$2,035
Subtransmission Demand Charge	\$3,865	2,701,624	kW on-peak	\$1.43	per kW on-peak demand	\$3,863
Substation Demand Charge	\$4,000	2,701,624	kW on-peak	\$1.48	per kW on-peak demand	\$3,998
Primary Franchise Fees & Other	\$862	1,861,066	MWh	0.46	mills/kWh	\$856
Energy Charge	\$91,944	1,861,066	MWh	49.40	mills/kWh	\$91,937
Subtotal	\$105,675					\$105,656
Pricing						
Functional Costs						
Primary Basic Charge		4	Customers	\$6,100.00	per cust, per mo.	\$293
Primary Trans. & Rel. Serv. Charge		2,701,624	kW on-peak	\$0.76	per kW on-peak demand	\$2,053
Distribution Charges						
Primary Facilities Charge						
First 4,000 kW		96,000	kW faccap	\$1.61	per kW faccap	\$155
Over 4,000 kW		2,730,257	kW faccap	\$1.30	per kW faccap	\$3,549
Primary Demand Charge		2,701,624	kW on-peak	\$2.53	per kW on-peak demand	\$6,835
Primary System Usage Charge Calc						
COS Franchise Fees & Other		1,861,066	MWh		mills/kWh	\$856
Cust Impact Offset		1,861,066	MWh	0.08	mills/kWh	<u>\$149</u>
COS System Usage Charge		1,861,066	MWh	0.54	mills/kWh	\$1,005
Primary Energy Charge						
On-peak		1,070,638			mills/kWh	\$59,709
Off-peak		790,429		40.77		\$32,226
Reactive Demand Charge		21,436	kVar	\$0.50	kVar	<u>\$11</u>
						\$105,836
					w/o CIO	\$105,687

#### PORTLAND GENERAL ELECTRIC RATE DESIGN 2019

	Allocated					Annual
	Inputs		eterminants		Rate	Revenue
Schedule	(\$000)	Amount	Unit	Rate	Unit	(\$000)
SCHEDULES 91 & 95						
Street & Highway Lighting Allocations						
Functional Costs						
Basic Charge	\$1,865	203	Customers	\$765.76	per cust, per mo.	\$1,865
Trans. & Rel. Serv. Charge	\$77	50,583	MWh	1.52	mills/kWh	\$77
Distribution Charge	\$1,236	50,583			mills/kWh	\$1,236
Franchise Fees & Other	\$232	50,583			mills/kWh	\$232
COS Energy Charge	\$2,478 \$5,294	50,583	MWn	48.98	mills/kWh	\$2,478 <u>\$5,294</u>
Fixed Charges Subtotal	\$11,182					\$5,294 \$11,182
Gubiotai	ψ11,102					Ψ11,102
Pricing						
Functional Costs		E0 E02	NA)A/Ib	4.50	mailla/ls/A/h	¢77
Trans. & Rel. Serv. Charge Distribution Charge		50,583 50,583			mills/kWh mills/kWh	\$77 \$3,101
System Usage Charge Calc		30,303	IVIVVII	01.51	IIIII3/KVVII	ψ3,101
Franchise Fees & Other		50,583	MWh	4.58	mills/kWh	\$232
Cust Impact Offset		50,583		(1.90	mills/kWh	(\$96)
System Usage Charge		50,583	MWh	2.68	mills/kWh	\$136
COS Energy Charge		50,583		48.98	mills/kWh	\$2,478
Fixed Charges		50,583	MWh			\$5,294
Subtotal						\$11,086
					w/o CIO	\$11,182
SCHEDULE 92					W/O CIO	\$11,102
Traffic Signals						
Allocations						
Functional Costs						
Basic Charge	\$47		Customers		per cust, per mo.	\$47
Trans. & Rel. Serv. Charge	\$4	2,496	MWh		mills/kWh mills/kWh	\$4
Distribution Charge Franchise Fees & Other	\$23 \$3	2,496	MWh		mills/kWh	\$23 \$3
COS Energy Charge	\$128		MWh		mills/kWh	\$128
Subtotal	\$205	2,400	1414411	01.00	THIIIO/REVET	\$205
	*					•
Pricing Functional Costs						
Trans. & Rel. Serv. Charge		2.496	MWh	1 50	mills/kWh	\$4
Distribution Charge		,	MWh		mills/kWh	\$70
System Usage Charge Calc		,				* *
Franchise Fees & Other		2,496	MWh	1.10	mills/kWh	\$3
Cust Impact Offset			MWh		mills/kWh	<u>\$0</u>
System Usage Charge		2,496			mills/kWh	\$3
COS Energy Charge		2,496	MWh	51.09	mills/kWh	<u>\$128</u>
Subtotal						\$204
					w/o CIO	\$204
Common of Innuts	Allegated					
Summary of Inputs Functional Costs	Allocated Inputs	DesSumm	Deltas			
Basic Charge	\$313,625	\$313,625	\$0			
Trans. & Rel. Serv. Charge	\$37,196	\$37,196	\$0			
Distribution Charge	\$394,432	\$394,432	\$0			
Fixed Charges	\$6,922	\$6,922	\$0			
Franchise Fees & Other	\$27,624	\$27,624	\$0			
Energy Charge Subtotal	\$1,031,821 \$4,044,640	\$1,031,821 \$1,811,619	\$0			
Subiolai	\$1,811,619	\$1,611,019				
	Annual					
Functional Costs Revenues	Revenue	Revenue	Deltas			
Basic Charge	\$149,279	\$149,279	\$0			
Trans. & Rel. Serv. Charge	\$37,281	\$37,271	(\$10)		(Voluntary TOU)	
Distribution Charges Fixed Charges	\$541,168 \$6,922	\$541,137 \$6,922	( <b>\$31</b> ) \$0	(\$31	(Voluntary TOU)	
System Usage Charge	\$43,996	\$43,996	\$0 \$0			
Energy Charge	\$1,031,828	\$1,031,859	\$31	\$31	(Voluntary TOU)	
Reactive	\$1,254	\$1,254	<u>\$0</u>		,	
Subtotal	\$1,811,728	\$1,811,719	(\$9)	(\$9	)	
Note: figures are before employee discount and Schedule 129						
On-peak demand	23,383,373	23,383,373	0			
Facility Capacity	28,398,387	28,398,388	(1)			
kVar	2,507,892	2,507,892	0			

# PORTLAND GENERAL ELECTRIC Commercial and Industrial Pricing

	Allocated Inputs Billing Determinants		erminants		Annual Revenue		
<del>-</del>	(\$000)	Amount	Unit	Rate	Unit	Note	(\$000)
Transmission Demand Price for Schedules 83, 85, 89,	90						
Transmission & Ancillary Pricing Secondary Primary Subtransmission	\$15,121	19,603,983 14,318,636 5,012,826 272,521	kW kW	\$0.78 \$0.76	per kW demand per kW demand per kW demand per kW demand		\$15,095 \$11,169 \$3,810 \$204
Total Schedule 83/85/89/90 Transmission Revenue:	\$15,121						\$15,183
Distribution Demand Pricing for Schedules 83, 85, 89,	90						
Distribution Demand Pricing (subtransmission) Secondary Primary Subtransmission	\$30,251	23,383,373 15,505,649 7,233,799 643,925	kW kW	\$1.31 \$1.27	per kW demand per kW demand per kW demand per kW demand		\$30,251 \$20,273 \$9,169 \$810
							\$30,251
Distribution Demand Pricing (substations) Secondary Primary	\$29,431	22,739,448 15,505,649 7,233,799	kW	\$1.31	per kW demand per kW demand per kW demand		\$29,431 \$20,266 \$9,165
							\$29,431
Distribution Demand Prices Secondary Primary Subtransmission		15,505,649 7,233,799 643,925		\$2.61 \$2.53 \$1.26			\$40,470 \$18,302 \$811
	\$59,682						\$59,583
Secondary/Primary Transmission Delta Secondary/Subtransmission Transmission Delta				\$0.02 \$0.03			
Secondary/Primary 115 kV Delta Secondary/Subtransmission kV Delta				\$0.04 \$0.05			
Secondary/Primary Substation Delta				\$0.04			
Schedule 85 Price Differentials Schedule 85 Energy Allocations Schedule 85 Secondary Energy Schedule 85 Primary Energy Secondary/Primary Delta On/off peak delta	\$153,171	2,713,846 2,122,422 591,424	MWh	56.67 55.62 1.05	mills/kWh mills/kWh mills/kWh mills/kWh		\$153,171 \$120,278 \$32,895
Schedule 85 Secondary Energy Pricing On-peak Off-peak		1,390,849 731,573			mills/kWh mills/kWh		\$86,107 \$34,318
Schedule 85 Primary Energy Pricing On-peak Off-peak		374,238 217,186			s mills/kWh s mills/kWh		\$22,776 \$9,960
Total Schedule 85 Energy Revenues	\$153,171						\$153,162
Schedule 85 Facility Charges	\$27,263						
Under-recovery of other charges Total Facilities Revenues to Recover	(\$1,377) \$25,886	10,867,098	kW faccap	\$2.38	per kW faccap		\$25,886
Schedule 85 Secondary Facilities First 200 Over 200			kW faccap kW faccap		per kW faccap per kW faccap		\$10,644 \$9,556
Schedule 85 Primary Facilties First 200 Over 200			kW faccap kW faccap		per kW faccap per kW faccap		\$1,758 \$3,973
Secondary/Primary Facilities Delta			Line Loss	\$0.07			\$25,932

Schedule 89 Price Differentials					
Schedule 89 Energy Allocations	\$23,979	463,935	MWh	51.69 mills/kWh	\$23,979
Schedule 89 Secondary Energy		0	MWh	52.74 mills/kWh	\$0
Schedule 89 Primary Energy		401,176	MWh	51.78 mills/kWh	\$20,773
Schedule 89 Subtransmission Energy		62,759	MWh	51.07 mills/kWh	\$3,205
Total Schedule 89 Energy Revenues	\$23,979				\$23,978
Secondary/Primary Delta				0.96	
Primary/Subtransmission Delta				0.71	
On/off peak delta				15.00	
Schedule 89 Secondary Energy Pricing					
On-peak		0	MWh	58.69 mills/kWh	\$0
Off-peak		0	MWh	43.69 mills/kWh	\$0
Schedule 89 Primary Energy Pricing					
On-peak		238,945	MWh	57.73 mills/kWh	\$13,794
Off-peak		162,231	MWh	42.73 mills/kWh	\$6,932
Schedule 89 Subtransmission Energy Pricing					
On-peak		41,003	MWh	57.02 mills/kWh	\$2,338
Off-peak		21,755	MWh	42.02 mills/kWh	\$914
Total Schedule 89 Energy Revenues	\$23,979				\$23,979

## Schedule 89/90 Facilities Blocking at 4,000 kW

Schedule 89 Facility Charges Under-recovery of other charges	\$3,729 \$1,013					
Total Facilities Revenues to Recover	\$4,743	3.573.990	kW faccap	\$1.33	per kW faccap	\$4,753
Secondary			•			
First 4,000		48,000	kW faccap	\$1.53	per kW faccap	\$74
Over 4,000		41,172	kW faccap	\$1.22	per kW faccap	\$50
Primary			•		•	
First 4,000		1,200,000	kW faccap	\$1.49	per kW faccap	\$1,793
Over 4,000		1,451,944	kW faccap	\$1.18	per kW faccap	\$1,720
Subtransmission			•		•	
First 4,000		384,012	kW faccap	\$1.49	per kW faccap	\$574
Over 4,000		448,862	kW faccap	\$1.18	per kW faccap	\$532
						\$4,743
Secondary/Primary Facilities Delta	Blocking			\$0.04		
Blocking	\$0.31			\$0.31		

# Theoretic Facilities Charge Differential between Schedule 89 Primary and Subtransmission Voltage Service Billing Demand greater than 4,000 kW Primary Feeder Costs \$76,614

\$77,041 (\$427) 139% Subtransmission Feeder Costs Delta Delta
Distribution Equal Percent
Equal Percent Difference
Average Annual Facilities Billing Determinant
Facilities Charge Delta per Faccap
Subtransmission Facilities Billing Determinants
Adder (Subtractor) to Demand Charge (\$000) 102,495 832,874

#### Demand and Energy Loss Differentials for Selected Schedules

Losses

Schedule 85: Secondary/Primary Embedded energy loss differentials 1.890% Peak demand loss differential 2.852%

Sec/Prim 1.890% 2.852% Schedule 89 Embedded energy loss differentials Prim/Subtrans 6 1.400% 6 1.415% Peak demand loss differentials

## 2019 Schedule 7 COS Energy Prices

#### 2019 Schedule 7 COS T&D Prices

#### 2019 Schedule 7 TOU Energy Prices

#### 2019 Schedule 7 TOU Transmission Prices

2019 Schedule / TOO El	lergy Frices				2019 Schedule /	100 Italisillissi	on Frices					
	Energy Prices	Monthly		Energy Prices with adder		Trans Price	TOU Ave Monthly	Adjusted Ave Monthly	Adjusted	TOU Trans Price	TOU Adj Trans	Trans Prices with adder
Peaks	mills/kWh	kWh	Revenues	mills/kWh	Peaks	mills/kWh	kWh	kWh	Revenues	mills/kWh	Revenues	mills/kWh
On-peak	123.78	172	\$21.23	123.80	On-peak	2.43	217	7 217	\$0.53	3.97	\$0.86	3.97
Mid-peak	70.49	322	\$22.68	70.51	Mid-peak	2.43	432	2 432	\$1.05	3.97	\$1.71	3.97
Off-peak	41.26	313	\$12.90	41.28	Off-peak	2.43	557	7 411	\$1.00	0.00	\$0.00	0.00
									\$2.57	_	\$2.57	_
Block 1 Adjustment	(7.22)	) 806	(\$5.82)	)								
IOU Energy Revenues			\$51.00		2019 Schedule 7	7 TOU Distribution	n Prices					
On/Off Ratio	3.00									TOU		Distribution
						Distribution	TOU Ave	Adjusted		Distribution	TOU Adj	Prices
		Non-TOU				Price	Monthly	Ave Monthly	Adjusted	Price	Distribution	with adder
	Sch 7 Non-T	C Monthly			Peaks	mills/kWh	kWh	kWh	Revenues	mills/kWh	Revenues	mills/kWh
Peaks	Percents	kvvh			On-peak	46.60	21.	217	\$10.09	76.14	\$16.49	76.16
On-peak	21.28%	0 1/2	7		Mid-peak	46.60	432	2 432	\$20.13	76.14	\$32.88	/6.16
Mid-peak	39.92%	322	2		Off-peak	46.60	557	7 411	\$19.15	0.00	\$0.00	0.00
Off-peak	38.79%	6 313	3						\$49.37	_	\$49.37	

#### 2016 TOU Profiles

Peaks	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
On-peak	19.23%	20.81%	21.07%	20.82%	17.39%	13.47%	13.96%	15.54%	14.90%	13.86%	16.51%	20.42%
Mid-peak	32.68%	33.63%	33.18%	33.00%	36.09%	38.53%	38.83%	39.78%	39.52%	40.23%	37.80%	33.73%
Off-peak	48.09%	45.56%	45.75%	46.18%	46.52%	48.00%	47.20%	44.68%	45.59%	45.91%	45.69%	45.85%
Totals	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Schedule 7-TOU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Customers													
Single Phase	2,202	2,204	2,206	2,209	2,211	2,213	2,215	2,218	2,221	2,224	2,226	2,229	26,578
Three Phase	15	15	15	15	15	15	15	15	15	15	15	15	180
Energy (MWh)													
Energy 1st 500 (MWh)	1,046	1,025	1,004	979	957	949	959	965	966	945	979	1,046	11,820
Energy 501-1,000 (MWh)	727	617	546	467	410	403	459	489	474	376	453	673	6,095
Over 1,000 (MWh)	1,853	1,503	1,425	1,197	1,018	1,007	933	985	986	877	1,045	1,517	14,346
Peak Energy Detail (MWh)													
On-peak Energy	721	625	592	526	370	366	364	378	376	341	493	644	5,795
Mid-peak Energy	1,236	1,072	1,014	901	908	898	895	928	923	836	844	1,103	11,557
Off-peak Energy	1,669	1,447	1,370	1,217	1,108	1,096	1,092	1,133	1,127	1,021	1,140	1,489	14,909
Calendar Energy (MWh)	3,470	2,765	2,834	2,525	2,424	2,325	2,518	2,487	2,181	2,347	2,861	3,548	32,286

#### **Energy Revenues at Standard Tariff**

Blocks	MWh	Price	Revenues
Block 1 Energy	17,915	63.27	\$1,133,453
Block 2 Energy	14,346	70.49	\$1,011,270
Totals	32,261		\$2,144,723

## **Energy Revenues at TOU Pricing**

Peaks	MWh	Price	Revenues
On-peak Energy	5,795	123.78	\$717,320
Mid-peak Energy	11,557	70.49	\$814,624
Off-peak Energy	14,909	41.26	\$615,151
Block Credit	17,915	(7.22)	(\$129,343)
Totals	32,261		\$2,017,751

#### **T&D Revenues at Standard Tariff**

		Price	
	MWh	mills/kWh	Revenues
Trans	32,261	2.43	\$78,394
Dist	32,261	46.60	\$1,503,355
			\$1,581,749

## Transmission Revenues at TOU Pricing

		Sch 7 TOU	TOU Trans
Peaks	MWh	D&T Price	Revenues
On-peak Energy	5,795	3.97	\$23,007
Mid-peak Energy	11,557	3.97	\$45,880
Off-peak Energy	14,909	0.00	\$0
Totals	32,261	_	\$68,886

#### **Distribution Revenues at TOU Pricing**

	Sch 7 TOU	TOU Dist
MWh	D&T Price	Revenues
5,795	76.14	\$441,241
11,557	76.14	\$879,918
14,909	0.00	\$0
32,261	_	\$1,321,159
	5,795 11,557 14,909	MWh         D&T Price           5,795         76.14           11,557         76.14           14,909         0.00

	Energy	Trans	Dist	Total
TOU Decrement	(\$126,972)	(\$9,508)	(\$182,196)	(\$318,675)
Schedule 7 Energy (MWh)	7,568,918	7,568,918	7,568,918	
Standard Tariff Energy Adder (mills/kWh)	0.02	0.00	0.02	0.04
Revenues	\$151.378	\$0	\$151.378	\$302.757

B1	(\$99,906)
B2	(\$51,516)
В3	(\$30,774)

## 2019 Schedule 32 COS Energy Prices

				Energy
	Energy			Prices
	Prices	Monthly		with adder
Energy	mills/kWh	kWh	Revenues	mills/kWh
Schedule 32	58.38	1.451	\$84.71	58.42

#### 2019 Schedule 32 TOU Energy Prices

				Energy
	Energy			Prices
	Prices	Monthly		with adder
Peaks	mills/kWh	kWh	Revenues	mills/kWh
On-peak	103.74	288	\$29.92	103.78
Mid-peak	58.38	613	\$35.80	58.42
Off-peak	34.58	549	\$19.00	34.62
TOU Energy Revenues		1,451	\$84.72	

On/Off Ratio 3.00

Sch 32 Non-TOU

 Peaks
 Percents

 On-peak
 19.88%

 Mid-peak
 42.26%

 Off-peak
 37.86%

## 2016 TOU Profiles

Peaks	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
On-peak	19.23%	20.59%	20.51%	20.68%	18.29%	14.60%	14.63%	15.43%	15.02%	14.86%	16.78%	19.69%
Mid-peak	33.53%	35.78%	35.81%	35.87%	38.82%	40.36%	40.55%	41.58%	40.94%	41.45%	39.85%	34.97%
Off-peak	47.24%	43.62%	43.68%	43.45%	42.89%	45.04%	44.83%	42.99%	44.04%	43.69%	43.37%	45.34%
Totals	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Schedule 32-TOU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Customers - Single Phase	241	241	241	241	241	241	242	243	243	243	243	244	2,904
Customers - Three Phase	71	71	71	71	71	71	71	71	71	71	71	71	852
Energy (MWh)													
First 5 MWh	1,120	1,123	1,143	1,103	1,070	1,090	1,117	1,149	1,135	1,092	1,076	1,073	13,292
Over 5 MWh	871	767	707	696	727	826	857	863	886	718	660	728	9,305
Peak Energy Detail (MWH)													
On-peak Energy	390	370	362	353	278	296	305	311	312	280	340	353	3,949
Mid-peak Energy	715	678	664	646	730	778	802	818	821	735	623	647	8,658
Off-peak Energy	886	841	823	801	789	841	867	884	887	795	773	802	9,990
Calendar Energy (MWh)	1,865	1,721	1,847	1,782	1,938	1,880	2,127	2,043	1,826	1,902	1,844	1,812	22,588
	715	678	664	646	730	778	802	818	821	735	623	647	

## **Energy Revenues at Standard Tariff**

Energy	MWh	Price	Revenues
Schedule 32	22,597	58.38	\$1,319,207

# **Energy Revenues at TOU Pricing**

Peaks	MWh	Price	Revenues
On-peak Energy	3,949	103.74	\$409,715
Mid-peak Energy	8,658	58.38	\$505,430
Off-peak Energy	9,990	34.58	\$345,449
Totals	22,597		\$1,260,595
TOU Decrement Schedule 32 Energy (MWh) Standard Tariff Adder (mills/ Schedule 32 Revenues	kWh)		(\$58,612) 1,633,156 0.04 \$65,326

#### **PORTLAND GENERAL ELECTRIC**

Schedule 123, Summary of Sales Normalization Components

Schedule	Fixed Charge Energy Rate mills/kWh	Monthly Fixed Charge Per Customer	Monthly Secondary Fixed Charge Per Customer
7	88.70	\$71.45	\$49.30
32, 532	76.93	\$111.66	
38, 538	104.79	\$717.79	
47	142.07	\$83.67	
49, 549	112.26	\$473.94	
83	37.90	\$790.34	
85-S	36.49	\$4,612.97	
85-P	35.84	\$7,474.14	

	Price	2019		Per Cust.	Monthly
Schedule 7 Tariff Category	mills/kWh	MWH	Revenues	Revenues	Revenues
Transmission & Ancillary	2.43	7,568,918	\$18,392,471	\$23.49	\$1.96
Distribution	44.42	7,568,918	\$336,211,339	\$429.40	\$35.78
Trojan Decommissioning	0.11	7,568,918	\$832,581	\$1.06	\$0.09
CIO	(0.08)	7,568,918	(\$605,513)	(\$0.77)	(\$0.06)
Fixed Generation	41.82	7,568,918	\$316,532,152	\$404.27	\$33.69
Totals	88.70		\$671,363,030	\$857.44	\$71.45
Secondary Fixed Charge (69%)		69%			\$49.30
Number of 2019 Customers	782,981				
Revenues per customer	\$857.44				
Monthly Revenues per customer	\$71.45				
Annual kWh per Customer	9,667				
	Price	2019		Per Cust.	Monthly
Schedule 32 Tariff Category	mills/kWh	MWH	Revenues	Revenues	Revenues
Transmission & Ancillary	2.06	1,633,156	\$3,364,301	\$35.88	\$2.99
Distribution Block 1	40.45	1,427,418	\$57,739,059	\$615.78	\$51.32
Distribution Block 2	13.00	205,738	\$2,674,590	\$28.52	\$2.38
Trojan Decommissioning	0.10	1,633,156	\$163,316	\$1.74	\$0.15
CIÓ	(80.0)	1,633,156	(\$130,652)	(\$1.39)	(\$0.12)
Fixed Generation	37.86	1,633,156	\$61,831,275	\$659.43	\$54.95
Totals	76.93		\$125,641,887	\$1,339.96	\$111.66
Number of 2019 Customers	93,765				
Revenues per customer	\$1,339.96				
Monthly Revenues per customer	\$111.66				
	17,418				
Annual kWh per Customer					
Annual KWn per Customer	Price	2019		Per Cust	Monthly
·	Price mills/kWh	2019 MWH	Revenues	Per Cust. Revenues	Monthly Revenues
Schedule 38 Tariff Category Transmission & Ancillary	Price mills/kWh		Revenues \$53,822	Per Cust. Revenues \$140.56	Monthly Revenues \$11.71

68.07

0.00

31,475

0

\$2,142,476

\$0

\$0.00

\$5,595.15

\$0.00

\$466.26

Distribution Block 1

Distribution Block 2

Trojan Decommissioning CIO Fixed Generation	0.09 0.00 34.92	31,475 31,475 31,475	\$2,833 \$0 \$1,099,093	\$7.40 \$0.00 \$2,870.32	\$0.62 \$0.00 \$239.19
Totals	104.79		\$3,298,223	\$8,613.42	\$717.79
Number of 2019 Customers	383				
Revenues per customer Monthly Revenues per customer Annual kWh per Customer	\$8,613.42 \$717.79 82,197				
Schedule 47 Tariff Category	Price mills/kWh	2019 MWH	Revenues	Per Cust. Revenues	Monthly Revenues
Transmission & Ancillary	2.13	21,633	\$46,079	\$15.05	\$1.25
Distribution Block 1	106.84	7,536	\$805,133	\$263.03	\$21.92
Distribution Block 2	86.84	14,098	\$1,224,233	\$399.95	\$33.33
Trojan Decommissioning CIO	0.12 0.00	21,633 21,633	\$2,596 \$0	\$0.85 \$0.00	\$0.07 \$0.00
Fixed Generation	46.01	21,633	\$995,355	\$0.00 \$325.17	\$27.10
i ixed Generation	40.01	21,000	ψ990,000	ψ323.17	Ψ27.10
Totals	142.07		\$3,073,396	\$1,004.05	\$83.67
Number of 2019 Customers	3,061				
Revenues per customer	\$1,004.05				
Monthly Revenues per customer	\$83.67				
Annual kWh per Customer	7,067				
•	•				
Schodule 40 Toritt Cotemany	Price	2019	Davanuas	Per Cust.	Monthly
Schedule 49 Tariff Category	mills/kWh	MWH	Revenues	Revenues	Revenues
Transmission & Ancillary	mills/kWh 2.12	<b>MWH</b> 64,540	\$136,825	Revenues \$107.40	Revenues \$8.95
Transmission & Ancillary Distribution Block 1	mills/kWh 2.12 78.28	<b>MWH</b> 64,540 19,051	\$136,825 \$1,491,343	\$107.40 \$1,170.60	\$8.95 \$97.55
Transmission & Ancillary Distribution Block 1 Distribution Block 2	mills/kWh 2.12 78.28 58.28	<b>MWH</b> 64,540 19,051 45,489	\$136,825 \$1,491,343 \$2,651,095	\$107.40 \$1,170.60 \$2,080.92	\$8.95 \$97.55 \$173.41
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning	mills/kWh  2.12  78.28  58.28  0.12	MWH 64,540 19,051 45,489 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745	\$107.40 \$1,170.60 \$2,080.92 \$6.08	\$8.95 \$97.55 \$173.41 \$0.51
Transmission & Ancillary Distribution Block 1 Distribution Block 2	mills/kWh 2.12 78.28 58.28	64,540 19,051 45,489 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO	mills/kWh  2.12  78.28  58.28  0.12  0.00	MWH 64,540 19,051 45,489 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745	\$107.40 \$1,170.60 \$2,080.92 \$6.08	\$8.95 \$97.55 \$173.41 \$0.51
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO	mills/kWh  2.12  78.28  58.28  0.12  0.00	64,540 19,051 45,489 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation	mills/kWh  2.12 78.28 58.28 0.12 0.00 45.84	64,540 19,051 45,489 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation Totals  Number of 2019 Customers	mills/kWh  2.12 78.28 58.28 0.12 0.00 45.84  112.26	64,540 19,051 45,489 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation Totals  Number of 2019 Customers  Revenues per customer	mills/kWh  2.12 78.28 58.28 0.12 0.00 45.84  112.26	64,540 19,051 45,489 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation Totals  Number of 2019 Customers	mills/kWh  2.12 78.28 58.28 0.12 0.00 45.84  112.26  1,274  \$5,687.23	64,540 19,051 45,489 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer	mills/kWh  2.12 78.28 58.28 0.12 0.00 45.84  112.26  1,274  \$5,687.23 \$473.94	64,540 19,051 45,489 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer	mills/kWh  2.12 78.28 58.28 0.12 0.00 45.84  112.26  1,274  \$5,687.23 \$473.94 50,660	MWH 64,540 19,051 45,489 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer	### Title ### Ti	64,540 19,051 45,489 64,540 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer	2.12 78.28 58.28 0.12 0.00 45.84 112.26  1,274 \$5,687.23 \$473.94 50,660  Price mills/kWh	MWH 64,540 19,051 45,489 64,540 64,540 64,540	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94 Monthly Revenues
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer	### 1000 ### 1000 ### 1000 ### 1000 ### 1000 ### 1000 ### 1000 ### 1000 ### 1000 ### 1000 #### 1000 #### 1000 #### 1000 #### 1000 #### 1000 #### 1000 #### 1000 #### 1000 ##### 1000 ########	64,540 19,051 45,489 64,540 64,540 64,540 <b>2019</b> MWH	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23 Per Cust. Revenues \$0.00	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94 Monthly Revenues \$0.00
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer  Schedule 83 Tariff Category  Transmission & Ancillary Distribution Block 1	### 1000 mills/kWh  2.12  78.28  58.28  0.12  0.00  45.84  112.26  1,274  \$5,687.23  \$473.94  50,660   Price  mills/kWh  0.00  0.00	64,540 19,051 45,489 64,540 64,540 64,540 <b>2019</b> MWH	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537 Revenues	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23 Per Cust. Revenues \$0.00 \$0.00	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94 Monthly Revenues \$0.00 \$0.00
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer  Schedule 83 Tariff Category  Transmission & Ancillary Distribution Block 1 Distribution Block 2	\$5,687.23 \$473.94 \$0,00 \$10,00	64,540 19,051 45,489 64,540 64,540 64,540 <b>2019</b> <b>MWH</b>	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537 Revenues  \$0 \$0 \$0	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23 Per Cust. Revenues \$0.00 \$0.00 \$0.00	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94 Monthly Revenues \$0.00 \$0.00 \$0.00
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer  Schedule 83 Tariff Category  Transmission & Ancillary Distribution Block 1	### ### ##############################	MWH  64,540 19,051 45,489 64,540 64,540 64,540 64,540  04,540  0 0 0 0 0 2,884,961	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537 Revenues	Revenues \$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23  Per Cust. Revenues \$0.00 \$0.00 \$0.00 \$25.02	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94 Monthly Revenues \$0.00 \$0.00 \$0.00 \$2.09
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer  Schedule 83 Tariff Category  Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning	\$5,687.23 \$473.94 \$0,00 \$10,00	64,540 19,051 45,489 64,540 64,540 64,540 <b>2019</b> <b>MWH</b>	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537 Revenues  \$0 \$0 \$0 \$0 \$2,958,528	\$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23 Per Cust. Revenues \$0.00 \$0.00 \$0.00	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94 Monthly Revenues \$0.00 \$0.00 \$0.00
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer  Schedule 83 Tariff Category  Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO	### 1000 ###	### 64,540 19,051 45,489 64,540 64,540 64,540 64,540    2019 #### 0 0 0 2,884,961 2,884,961	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537 Revenues  \$0 \$0 \$0 \$288,496 \$0	Revenues \$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23  Per Cust. Revenues \$0.00 \$0.00 \$0.00 \$25.02 \$0.00	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94 Monthly Revenues \$0.00 \$0.00 \$0.00 \$2.09 \$0.00
Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation  Totals  Number of 2019 Customers  Revenues per customer Monthly Revenues per customer Annual kWh per Customer  Schedule 83 Tariff Category  Transmission & Ancillary Distribution Block 1 Distribution Block 2 Trojan Decommissioning CIO Fixed Generation	### 1000 ###	### 64,540 19,051 45,489 64,540 64,540 64,540 64,540    2019 #### 0 0 0 2,884,961 2,884,961	\$136,825 \$1,491,343 \$2,651,095 \$7,745 \$0 \$2,958,528 \$7,245,537 Revenues \$0 \$0 \$0 \$0 \$288,496 \$0 \$109,051,542	Revenues \$107.40 \$1,170.60 \$2,080.92 \$6.08 \$0.00 \$2,322.24 \$5,687.23  Per Cust. Revenues \$0.00 \$0.00 \$0.00 \$25.02 \$0.00 \$9,459.03	\$8.95 \$97.55 \$173.41 \$0.51 \$0.00 \$193.52 \$473.94 Monthly Revenues \$0.00 \$0.00 \$0.00 \$2.09 \$0.00 \$788.25

\$21,196,649 \$89,689.63

\$7,474.14

Revenues per customer	\$9,484.05
Monthly Revenues per customer	\$790.34
Annual kWh per Customer	250,239

Schedule 85-S Tariff Category	Price mills/kWh	2019 MWH	Revenues	Per Cust. Revenues	Monthly Revenues
Transmission & Ancillary	0.00	0	\$0	\$0.00	\$0.00
Distribution Block 1	0.00	0	\$0	\$0.00	\$0.00
Distribution Block 2	0.00	0	\$0	\$0.00	\$0.00
Trojan Decommissioning	0.09	2,122,422	\$191,018	\$136.53	\$11.38
CIÓ	0.00	2,122,422	\$0	\$0.00	\$0.00
Fixed Generation	36.40	2,122,422	\$77,256,166	\$55,219.13	\$4,601.59
Totals	36.49		\$77,447,184	\$55,355.66	\$4,612.97
Number of 2019 Customers	1,399				
Revenues per customer	\$55,355.66				
Monthly Revenues per customer	\$4,612.97				
Annual kWh per Customer	1,517,009				
	Price	2019		Per Cust.	Monthly
Schedule 85-P Tariff Category	mills/kWh	MWH	Revenues	Revenues	Revenues
Transmission & Ancillary	0.00	0	\$0	\$0.00	\$0.00
Distribution Block 1	0.00	0	\$0	\$0.00	\$0.00
Distribution Block 2	0.00	0	\$0	\$0.00	\$0.00
Trojan Decommissioning	0.09	591,424	\$53,228	\$225.23	\$18.77
CIO	0.00	591,424	\$0	\$0.00	\$0.00
Fixed Generation	35.75	591,424	\$21,143,421	\$89,464.40	\$7,455.37

35.84

Number of 2019 Customers	236
Revenues per customer	\$89,689.63
Monthly Revenues per customer	\$7,474.14
Annual kWh per Customer	2,502,501

Totals

# PORTLAND GENERAL ELECTRIC SCHEDULES 15 & 91/95 COMPARISON OF PRICES

		2019 GRC	2018	Delta	Delta	Percent Change
Schedule 91 & 95 Categories	MWH	Price	Price	Price	Revenues	of Total Bill
Functional Costs						
Trans. & Rel. Serv. Charge	50,583	1.52	1.29	0.23	\$12	0.11%
Distribution Charge	50,583	61.31	59.08	2.23	\$113	1.03%
Franchise Fees & Other	50,583	4.58	4.62	(0.04)	(\$2)	-0.02%
CIO	50,583	(1.90)	(0.93)	(0.97)	(\$49)	-0.45%
COS Energy Charge	50,583	48.98	50.54	(1.56)	(\$79)	-0.72%
Schedule 125	50,583	0.00	0.00	0.00	\$0	0.00%
Schedule 122	50,583	0.00	0.00	0.00	\$0	0.00%
Fixed Charges	50,583	104.67	<u>102.61</u>	<u>2.06</u>	<u>\$104</u>	<u>0.95%</u>
Subtotal		219.16	217.21	1.95	\$98	0.90%

		2019 GRC	2018	Delta	Delta	Percent Change
Schedule 15 Categories	MWH	Price	Price	Price	Revenues	of Total Bill
Functional Costs						
Trans. & Rel. Serv. Charge	15,774	1.52	1.29	0.23	\$4	0.10%
Distribution Charge	15,774	53.55	55.30	(1.75)	(\$28)	-0.80%
Franchise Fees & Other	15,774	4.34	4.58	(0.24)	(\$4)	-0.11%
CIO	15,774	6.10	2.89	3.21	\$51	1.46%
COS Energy Charge	15,774	48.98	50.54	(1.56)	(\$25)	-0.71%
Schedule 125	15,774	0.00	0.00	0.00	\$0	0.00%
Schedule 122	15,774	0.00	0.00	0.00	\$0	0.00%
Fixed Charges	15,774	<u>103.18</u>	104.69	(1.50)	<u>(\$24)</u>	<u>-0.69%</u>
Subtotal		217.67	219.29	(1.61)	(\$25)	-0.74%
Schedule 15 T&D prices	15,774	59.41	\$937	\$6.10	\$96,221	
Schedule 91 T&D prices	50,583	67.41	\$3,410	(\$1.90)	(\$96,108)	
·	66,357		\$4,347	\$65.51	\$114	
Schedule 15 Generation Price	15,774	48.98	\$773	\$0.00	\$48.98	
Schedule 91 Generation Price	50,583	48.98	\$2,478	\$0.00	\$48.98	
	66,357		\$3,250	\$48.98		

# **System Usage Charge Summary**

Schedules	Total mills/kWh
Schedule 7	2.10
Schedule 15	2.18 10.44
Schedule 515	9.14
Schedule 32	1.87
Schedule 532	0.32
Schedule 38	2.34
Schedule 538	0.91
Schedule 47	4.15
Schedule 49	2.71
Schedule 549	0.84
Schedule 83	6.99
Schedule 583	5.44
Schedule 85-S	0.97
Schedule 485-S	(0.28)
Schedule 585-S	(0.28)
Schedule 89-S GT 4 MW	1.02
Schedule 589-S GT 4 MW	(0.14)
Schedule 85-P	0.93
Schedule 485-P	(0.29)
Schedule 585-P	(0.29)
Schedule 89-P GT 4 MW	0.99
Schedule 489-P GT 4 MW	(0.15)
Schedule 589-P GT 4 MW	(0.15)
Schedule 89-T	0.97
Schedule 489-T	(0.15)
Schedule 589-T	(0.15)
Schedule 90-P	0.54
Schedule 490	(0.77)
Schedule 590	(0.77)
Schedules 91/95	2.68
Schedule 591/595	1.38
Schedule 92	1.10
Schedule 592	(0.26)

# **Daily Schedule 76 Prices**

Schedule 76 ERP Daily Distribution Demand Charge

	Secondary	Primary	Subtransmis	sion
Annual	\$31.32	\$30.36	\$15.24	
Monthly	\$2.61	\$2.53	\$1.27	
Daily	0.102	0.099	0.049	(annual charge / (313-5))

# Schedule 76 ERP Daily Transmission Demand Charge

	Secondary	Primary	Subtransmis	sion
Annual	\$9.36	\$9.12	\$9.00	
Monthly	\$0.78	\$0.76	\$0.75	
Daily	0.030	0.030	0.029	(annual charge / (313-5))

Daily charges are for on-peak hours only

# **Twenty Five Percent Load Factor**

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$29.00	cust.	1	\$29.00	
Transmission Charge Distribution Charge	2.06	kWh	5,475	\$11.28	
First 5,000 kWh	40.45	kWh	5,000	\$202.25	
Over 5,000 kWh	13.00	kWh	475	\$6.18	
System Usage Charge	1.87	kWh	5,475	\$10.24	
Energy Charges	58.42	kWh	5,475	<u>\$319.85</u>	10.57
Total Charges				\$578.80	
Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$45.00	cust.	1	\$45.00	
Transmission Charge	\$0.78	dem	30	\$23.40	
Distribution Demand Charge Distribution Facilities Charge		dem	30	\$78.30	
First 30 kW	, \$3.50	fac	30	\$105.00	
Over 30 kW	\$3.40		0		
System Usage Charge	*	kWh	5,475	\$38.27	
Energy Charges			٠, ٠٠٠	*****	
On-peak (64%)	63.35	kWh	3,504	\$221.98	
Off-peak (36%)	48.35	kWh	1,971	\$95.30	
Total Charges				\$607.25	11.09
Load Factor Demand Billing Hours	25.00% 30 730	١	Percent C	change	4.92%

#### **Thirty Percent Load Factor**

Distribution Demand Charge

Distribution Facilities Charge

First 30 kW

Over 30 kW

Energy Charges On-peak (64%)

**Total Charges** 

Load Factor

Billing Hours

Demand

System Usage Charge

Off-peak (36%)

Thirty Percent Load Factor	r				
Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$29.00	cust.	1	\$29.00	
Transmission Charge Distribution Charge		kWh	6,570	\$13.53	
First 5,000 kWh	40.45	kWh	5,000	\$202.25	
Over 5,000 kWh	13.00	kWh	1,570	\$20.41	
System Usage Charge	1.87	kWh	6,570	\$12.29	
Energy Charges Total Charges	58.42	kWh	6,570	<u>\$383.82</u> \$661.30	10.07
Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$45.00		1	¥	
Transmission Charge	\$0.78		30	*	
Distribution Demand Charge Distribution Facilities Charge	)		30	\$78.30	
First 30 kW	\$3.50		30		
Over 30 kW	\$3.40		C		
System Usage Charge Energy Charges	6.99	kWh	6,570	\$45.92	
On-peak (64%)	63.35		4,205	\$266.39	
Off-peak (36%) Total Charges	48.35	kWh	2,365	<u>\$114.35</u> \$678.36	10.33
Load Factor	30.00%	,	Percent C	hange	2.58%
Demand	30	)			
Billing Hours	730	)			
Forty Percent Load Factor					
Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$29.00	cust.	1	\$29.00	
Transmission Charge	•	kWh	8,760	\$18.05	
Distribution Charge					
First 5,000 kWh	40.45	kWh	5,000	\$202.25	
Over 5,000 kWh	13.00	kWh	3,760	\$48.88	
System Usage Charge	1.87	kWh	8,760	\$16.38	
Energy Charges	58.42	kWh	8,760	<u>\$511.76</u>	9.43
Total Charges				\$826.32	
Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$45.00	cust.	1	\$45.00	
Transmission Charge	\$0.78		30	\$23.40	
Distribution Demond Observe	<b>#0.04</b>		20	¢70.20	

\$2.61 dem

\$3.50 fac

\$3.40 fac

6.99 kWh

63.35 kWh

48.35 kWh

40.00%

30

730

30

30

8,760

5,606

3,154

Percent Change

\$78.30

\$105.00

\$0.00

\$61.23

\$355.14

\$152.50

\$820.57

9.37

-0.70%

# Fifty Percent Load Factor

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge Transmission Charge Distribution Charge	\$29.00 2.06	cust. kWh	1 10,950	\$29.00 \$22.56	
First 5,000 kWh	40.45	kWh	5,000	\$202.25	
Over 5,000 kWh	13.00		5,950	\$77.35	
System Usage Charge Energy Charges	1.87 58.42	kWh	10,950 10,950	\$20.48	9.05
Total Charges	30.42	KVVII	10,930	\$639.70 \$991.34	9.03
Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$45.00		1	\$45.00	
Transmission Charge	\$0.78		30		
Distribution Demand Charge Distribution Facilities Charge			30	·	
First 30 kW	\$3.50		30		
Over 30 kW	\$3.40		10.050	\$0.00 \$76.54	
System Usage Charge Energy Charges	6.99	kWh	10,950	\$76.54	
On-peak (64%)	63.35	kWh	7,008	\$443.96	
Off-peak (36%)	48.35		3,942	\$190.60	
Total Charges				\$962.80	8.79
Load Factor	50.00%		Percent C	hange	-2.88%
Demand	30				
Billing Hours	730				
Sixty Percent Load Factor					
Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	Prices \$29.00		1	Charges \$29.00	Cents/kWh
Customer Charge Transmission Charge	\$29.00				Cents/kWh
Customer Charge Transmission Charge Distribution Charge	\$29.00 2.06	cust. kWh	1 13,140	\$29.00 \$27.07	Cents/kWh
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh	\$29.00 2.06 40.45	cust. kWh	1 13,140 5,000	\$29.00 \$27.07 \$202.25	Cents/kWh
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh	\$29.00 2.06 40.45 13.00	cust. kWh kWh	1 13,140 5,000 8,140	\$29.00 \$27.07 \$202.25 \$105.82	Cents/kWh
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge	\$29.00 2.06 40.45 13.00 1.87	cust. kWh kWh kWh	1 13,140 5,000 8,140 13,140	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57	
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh	\$29.00 2.06 40.45 13.00	cust. kWh kWh kWh	1 13,140 5,000 8,140	\$29.00 \$27.07 \$202.25 \$105.82	Cents/kWh
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges	\$29.00 2.06 40.45 13.00 1.87	cust. kWh kWh kWh	1 13,140 5,000 8,140 13,140	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 \$767.64	
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges	\$29.00 2.06 40.45 13.00 1.87 58.42	cust. kWh kWh kWh kWh	1 13,140 5,000 8,140 13,140 13,140	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 \$767.64 \$1,156.35	8.80
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary	\$29.00 2.06 40.45 13.00 1.87 58.42	cust. kWh kWh kWh kWh	1 13,140 5,000 8,140 13,140 13,140	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 <u>\$767.64</u> \$1,156.35 Charges	8.80
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61	cust. kWh kWh kWh kWh LUnits	1 13,140 5,000 8,140 13,140 13,140 BD	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 <u>\$767.64</u> \$1,156.35 Charges \$45.00 \$23.40	8.80
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge First 30 kW	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61	cust. kWh kWh kWh kWh Units cust. dem dem	1 13,140 5,000 8,140 13,140 13,140 BD 1 30 30	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 \$767.64 \$1,156.35 Charges \$45.00 \$23.40 \$78.30 \$105.00	8.80
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary  Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge First 30 kW Over 30 kW	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61 \$3.50 \$3.40	cust. kWh kWh kWh kWh Units cust. dem dem	1 13,140 5,000 8,140 13,140 13,140 BD 1 30 30	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 \$767.64 \$1,156.35 Charges \$45.00 \$23.40 \$78.30 \$105.00 \$0.00	8.80
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary  Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge First 30 kW Over 30 kW System Usage Charge Energy Charges	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61 \$3.50 \$3.40 6.99	cust. kWh kWh kWh kWh Units cust. dem dem fac fac kWh	1 13,140 5,000 8,140 13,140 13,140 BD 1 30 30 13,140	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 \$767.64 \$1,156.35 Charges \$45.00 \$23.40 \$78.30 \$105.00	8.80
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary  Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge First 30 kW Over 30 kW System Usage Charge Energy Charges On-peak (64%)	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61 \$3.50 \$3.40 6.99	cust. kWh kWh kWh kWh Units cust. dem dem fac fac kWh	1 13,140 5,000 8,140 13,140 13,140 BD 1 30 30 0 13,140 8,410	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 <u>\$767.64</u> \$1,156.35 Charges \$45.00 \$23.40 \$78.30 \$105.00 \$0.00 \$91.85	8.80
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary  Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge First 30 kW Over 30 kW System Usage Charge Energy Charges On-peak (64%) Off-peak (36%)	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61 \$3.50 \$3.40 6.99	cust. kWh kWh kWh kWh Units cust. dem dem fac fac kWh	1 13,140 5,000 8,140 13,140 13,140 BD 1 30 30 13,140	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 \$767.64 \$1,156.35 Charges \$45.00 \$23.40 \$78.30 \$105.00 \$0.00 \$91.85 \$532.77 \$228.70	8.80 Cents/kWh
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary  Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge First 30 kW Over 30 kW System Usage Charge Energy Charges On-peak (64%)	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61 \$3.50 \$3.40 6.99	cust. kWh kWh kWh kWh Units cust. dem dem fac fac kWh	1 13,140 5,000 8,140 13,140 13,140 BD 1 30 30 0 13,140 8,410	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 <u>\$767.64</u> \$1,156.35 Charges \$45.00 \$23.40 \$78.30 \$105.00 \$0.00 \$91.85	8.80
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary  Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge First 30 kW Over 30 kW System Usage Charge Energy Charges On-peak (64%) Off-peak (36%) Total Charges Load Factor	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61 \$3.50 \$3.40 6.99 63.35 48.35	cust. kWh kWh kWh kWh twh Units cust. dem dem fac fac kWh kWh	1 13,140 5,000 8,140 13,140 13,140 BD 1 30 30 0 13,140 8,410	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 <u>\$767.64</u> \$1,156.35 Charges \$45.00 \$23.40 \$78.30 \$105.00 \$0.00 \$91.85 \$532.77 \$228.70 \$1,105.02	8.80 Cents/kWh
Customer Charge Transmission Charge Distribution Charge First 5,000 kWh Over 5,000 kWh System Usage Charge Energy Charges Total Charges Sch 83 Secondary  Customer Charge Transmission Charge Distribution Demand Charge Distribution Facilities Charge First 30 kW Over 30 kW System Usage Charge Energy Charges On-peak (64%) Off-peak (36%) Total Charges	\$29.00 2.06 40.45 13.00 1.87 58.42 Prices \$45.00 \$0.78 \$2.61 \$3.50 \$3.40 6.99 63.35 48.35	cust. kWh kWh kWh kWh twh Units cust. dem dem fac fac kWh kWh	1 13,140 5,000 8,140 13,140 13,140 BD 1 30 30 30 13,140 8,410 4,730	\$29.00 \$27.07 \$202.25 \$105.82 \$24.57 <u>\$767.64</u> \$1,156.35 Charges \$45.00 \$23.40 \$78.30 \$105.00 \$0.00 \$91.85 \$532.77 \$228.70 \$1,105.02	8.80 Cents/kWh

# **Eighty Percent Load Factor**

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$29.00	cust.	1	\$29.00	
Transmission Charge Distribution Charge	2.06	kWh	17,520	\$36.09	
First 5,000 kWh	40.45	kWh	5,000	\$202.25	
Over 5,000 kWh	13.00	kWh	12,520	\$162.76	
System Usage Charge	1.87	kWh	17,520	\$32.76	
Energy Charges	58.42	kWh	17,520	\$1,023.52	8.48
Total Charges				\$1,486.38	
Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$45.00	cust.	1	\$45.00	
Transmission Charge	\$0.78	dem	30	\$23.40	
Distribution Demand Charge	\$2.61	dem	30	\$78.30	
Distribution Facilities Charge	<b>;</b>				
First 30 kW	\$3.50	fac	30	\$105.00	
Over 30 kW	\$3.40	fac	0	\$0.00	
System Usage Charge	6.99	kWh	17,520	\$122.46	
Energy Charges					
On-peak (64%)	63.35	kWh	11,213	\$710.34	
Off-peak (36%)	48.35	kWh	6,307	\$304.94	
Total Charges				\$1,389.44	7.93
Load Factor	80.00%		Percent C	hange	-6.52%
Demand	30	1			
Billing Hours	730	1			

Proposed Schedule 83 Secondary 25% Load Factor				
-	Prices	Units	BD	Charges
Customer Charge	\$45.00	cust.	1	\$45.00
Transmission Charge	\$0.78	dem	200	\$156.00
Distribution Demand Charge	\$2.61	dem	200	\$522.00
Distribution Facilities Charge				
First 30 kW	\$3.50	fac	30	\$105.00
Over 30 kW	\$3.40	fac	170	\$578.00
System Usage Charge	6.99	kWh	36,500	\$255.14
Energy Charge				
On-peak (64%)	63.35	kWh	23,360	\$1,479.86
Off-peak (36%)	48.35	kWh	13,140	\$635.32
Total Charges				\$3,776.31
Revenue Delta				-4.88%

Proposed Schedule 85 Se	econdary 259	% Load Fa	ctor
	Prices	Unite	RD

		Prices	Units	BD	Charges
Cu	stomer Charge	\$560.00	cust.	1	\$560.00
Tra	insmission Charge	\$0.78	dem	200	\$156.00
Dis	tribution Demand Charge	\$2.61	dem	200	\$522.00
Dis	tribution Facilities Charge				
	First 200 kW	\$3.17	fac	200	\$634.00
	Over 200 kW	\$1.97	fac	0	\$0.00
Sys	stem Usage Charge	0.97	kWh	36,500	\$35.41
Ene	ergy Charge				
	On-peak (64%)	61.91	kWh	23,360	\$1,446.22
	Off-peak (36%)	46.91	kWh	13,140	\$616.40
Tot	al Charges				\$3,970.02

#### Proposed Schedule 83 Secondary 40% Load Factor

rioposeu scriedule os seco	rioposeu scriedule os secondary 40 % Load Factor					
	Prices	Units	BD	Charges		
Customer Charge	\$45.00	cust.	1	\$45.00		
Transmission Charge	\$0.78	dem	200	\$156.00		
Distribution Demand Charge	\$2.61	dem	200	\$522.00		
Distribution Facilities Charge						
First 30 kW	\$3.50	fac	30	\$105.00		
Over 30 kW	\$3.40	fac	170	\$578.00		
System Usage Charge	6.99	kWh	58,400	\$408.22		
Energy Charge						
On-peak (64%)	63.35	kWh	37,376	\$2,367.77		
Off-peak (36%)	48.35	kWh	21,024	\$1,016.51		
Total Charges				\$5,198.50		
Revenue Delta				-0.58%		

#### Proposed Schedule 85 Secondary 40% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$560.00	cust.	1	\$560.00
Transmission Charge	\$0.78	dem	200	\$156.00
Distribution Demand Charge	\$2.61	dem	200	\$522.00
Distribution Facilities Charge				
First 200 kW	\$3.17	fac	200	\$634.00
Over 200 kW	\$1.97	fac	0	\$0.00
System Usage Charge	0.97	kWh	58,400	\$56.65
Energy Charge				
On-peak (64%)	61.91	kWh	37,376	\$2,313.95
Off-peak (36%)	46.91	kWh	21,024	\$986.24
Total Charges				\$5,228.83

Proposed Schedule 83 S	% Load Fa	ctor	
	Prices	Units	BD

	Prices	Units	BD	Charges
Customer Charge	\$45.00	cust.	1	\$45.00
Transmission Charge	\$0.78	dem	200	\$156.00
Distribution Demand Charge	\$2.61	dem	200	\$522.00
Distribution Facilities Charge				
First 30 kW	\$3.50	fac	30	\$105.00
Over 30 kW	\$3.40	fac	170	\$578.00
System Usage Charge	6.99	kWh	73,000	\$510.27
Energy Charge		kWh		
On-peak (64%)	63.35	kWh	46,720	\$2,959.71
Off-peak (36%)	48.35	kWh	26,280	\$1,270.64
Total Charges				\$6,146.62
Revenue Delta				1.29%

# Proposed Schedule 85 Secondary 50% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$560.00	cust.	1	\$560.00
Transmission Charge	\$0.78	dem	200	\$156.00
Distribution Demand Charge	\$2.61	dem	200	\$522.00
Distribution Facilities Charge				
First 200 kW	\$3.17	fac	200	\$634.00
Over 200 kW	\$1.97	fac	0	\$0.00
System Usage Charge	0.97	kWh	73,000	\$70.81
Energy Charge				
On-peak (64%)	61.91	kWh	46,720	\$2,892.44
Off-peak (36%)	46.91	kWh	26,280	\$1,232.79
Total Charges				\$6,068.04

## Proposed Schedule 83 Secondary 60% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$45.00	cust.	1	\$45.00
Transmission Charge	\$0.78	dem	200	\$156.00
Distribution Demand Charge	\$2.61	dem	200	\$522.00
Distribution Facilities Charge				
First 30 kW	\$3.50	fac	30	\$105.00
Over 30 kW	\$3.40	fac	170	\$578.00
System Usage Charge	6.99	kWh	87,600	\$612.32
Energy Charge		kWh		
On-peak (64%)	63.35	kWh	56,064	\$3,551.65
Off-peak (36%)	48.35	kWh	31,536	\$1,524.77
Total Charges				\$7,094.74

Revenue Delta 2.71%

## Proposed Schedule 85 Secondary 60% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$560.00	cust.	1	\$560.00
Transmission Charge	\$0.78	dem	200	\$156.00
Distribution Demand Charge	\$2.61	dem	200	\$522.00
Distribution Facilities Charge				
First 200 kW	\$3.17	fac	200	\$634.00
Over 200 kW	\$1.97	fac	0	\$0.00
System Usage Charge	0.97	kWh	87,600	\$84.97
Energy Charge				
On-peak (64%)	61.91	kWh	56,064	\$3,470.92
Off-peak (36%)	46.91	kWh	31,536	\$1,479.35
Total Charges				\$6,907.25

# Proposed Schedule 83 Secondary 80% Load Factor Prices Units BD

opecca comeanie co cocc				
	Prices	Units	BD	Charges
Customer Charge	\$45.00	cust.	1	\$45.00
Transmission Charge	\$0.78	dem	200	\$156.00
Distribution Demand Charge	\$2.61	dem	200	\$522.00
Distribution Facilities Charge				
First 30 kW	\$3.50	fac	30	\$105.00
Over 30 kW	\$3.40	fac	170	\$578.00
System Usage Charge	6.99	kWh	116,800	\$816.43
Energy Charge		kWh		
On-peak (64%)	63.35	kWh	74,752	\$4,735.54
Off-peak (36%)	48.35	kWh	42,048	\$2,033.02
Total Charges				\$8,990.99
Revenue Delta				4.72%

# Proposed Schedule 85 Secondary 80% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$560.00	cust.	1	\$560.00
Transmission Charge	\$0.78	dem	200	\$156.00
Distribution Demand Charge	\$2.61	dem	200	\$522.00
Distribution Facilities Charge				
First 200 kW	\$3.17	fac	200	\$634.00
Over 200 kW	\$1.97	fac	0	\$0.00
System Usage Charge	0.97	kWh	116,800	\$113.30
Energy Charge				
On-peak (64%)	61.91	kWh	74,752	\$4,627.90
Off-peak (36%)	46.91	kWh	42,048	\$1,972.47
Total Charges				\$8,585.66

# PORTLAND GENERAL ELECTRIC DISPOSITION OF SYSTEM USAGE CHARGE SELECTED SCHEDULES

			Flat	Block 1	Block 2	Block 3	On-peak	Off-peak	Flat	Block 1	Block 2
	FF &		Energy	Energy	Energy	Energy	Energy	Energy	Distribution	Distribution	Distribution
	Other	CIO	Charge	Charge	Charge	Charge	Charge	Charge	Charge	Charge	Charge
Schedule 7	2.26	(0.08)		63.29	63.29	70.51			44.42		
Schedule 15	4.34	6.10	48.98						53.55		
Schedule 32	1.95	(0.08)	58.42							40.45	13.00
Schedule 38	2.34	0.00					60.70	45.70	68.07		
Schedule 47	4.15	0.00	70.94							106.84	86.84
Schedule 49	2.71	0.00	70.68							78.28	58.28
Schedule 91 & 95	4.58	(1.90)	48.98						61.31		
Schedule 92	1.10	0.00	51.09						28.15		

# Tariff Charges with Franchise Fees & Regulatory Assets and CIO

	Flat Energy Charge	Block 1 Energy Charge	Block 2 Energy Charge	Block 3 Energy Charge	On-peak Energy Charge	Off-peak Energy Charge	Flat Distribution Charge	Block 1 Distribution Charge	Block 2 Distribution Charge	System Usage Charge
Schedule 7	_	63.29	63.29	70.51	-	-	46.60	-	-	
Schedule 15	48.98						63.99			
Schedule 32	58.42							42.32	14.87	
Schedule 38					60.70	45.70	70.41			
Schedule 47	70.94							110.99	90.99	
Schedule 49	70.68							80.99	60.99	
Schedule 91 & 95	48.98						63.99			
Schedule 92	51.09						29.25			
Schedule 515							62.69			
Schedule 532								40.77	13.32	
Schedule 538							68.98			
Schedule 549								79.12	59.12	
Schedule 583										5.44
Schedule 591							62.69			
Schedule 592							27.89			

# PORTLAND GENERAL ELECTRIC MARGINAL COSTS FOR DISTRIBUTION & CONSUMER SERVICES

					DIST	RIBUTION SE	RVICES							CONSUM	MER SERVIC	ES			
	Sub- trans- mission	Sub- station	By Cons	Backbone umer Type er kW)	Feeder Loca By Consur (\$ per	mer Type	By Cons	& Trans. umer Type r Cust)	By Cons	eters umer Type onsumer)	Con- sumer	By Consu (\$ per Co	mer Type		mer Type	By Consu	her umer Type ons/Light)	By Consu	umer Type
Grouping	(\$ per kW)	(\$ per kW)	Single- Phase	Three- Phase	Single- Phase	Three- Phase	Single- Phase	Three- Phase	Single- Phase	Three- Phase	Service (Lights)	Single- Phase	Three- Phase	Single- Phase	Three- Phase	Single- Phase	Three- Phase	Single- Phase	Three- Phase
SCH 7 Residential	\$12.15	\$12.24	\$20.41	\$20.41	\$20.10	\$20.10	\$83.97	\$140.51	\$19.43	\$58.07		\$0.31	\$0.31	\$39.01	\$39.01	\$24.05	\$24.05	92.60%	0.00%
SCH 15 Outdoor Area Lighting Residential	\$12.15	\$12.24	\$21.38	N/A	\$20.78		\$2.89	N/A	N/A	N/A	\$3.89	\$0.00	N/A	\$6.28	N/A	\$4.95	N/A	0.47%	
Commercial	\$12.15	\$12.24	\$21.38	N/A	\$20.78		\$2.89	N/A	N/A	N/A	\$3.89	\$0.00	N/A	\$8.06	N/A	\$4.95	N/A	0.34%	
SCH 32 General Service <30 kW	\$12.15	\$12.24	\$24.70	\$24.70	\$27.24	\$12.94	\$150.15	\$236.86	\$17.23	\$72.71		\$0.69	\$0.69	\$33.09	\$33.09	\$46.82	\$46.82	2.81%	1.89%
SCH 38 Opt TOD G.S. > 30 kW	\$12.15	\$12.24	\$24.54	\$24.54	\$26.38	\$13.09	\$196.72	\$581.00	\$58.07	\$130.80		\$11.27	\$11.27	\$41.14	\$41.14	\$109.69	\$109.69	0.00%	0.00%
SCH 47 Irrig. & Drain. Pump.< 30 kW	\$12.15	\$12.24	\$24.70	\$24.70	\$23.90	\$11.35	\$10.77	\$21.43	\$57.73	\$86.54		\$1.05	\$1.05	\$33.15	\$33.15	\$44.91	\$44.91	0.01%	0.09%
SCH 49 Irrig. & Drain. Pump.> 30 kW	\$12.15	\$12.24	\$24.54	\$24.54	\$24.34	\$12.08	\$144.93	\$144.93	\$58.07	\$71.36		\$1.18	\$1.18	\$36.48	\$36.48	\$109.48	\$109.48	0.00%	0.09%
SCH 83 Secondary	\$12.15	\$12.24	\$24.54	\$24.54	\$26.38	\$13.09	\$388.14	\$1,050.66	\$57.73	\$129.44		\$2.57	\$2.57	\$41.59	\$41.59	\$205.64	\$205.64	0.07%	1.05%
SCH 85 Secondary Primary	\$12.15 \$12.15	\$12.24 \$12.24		\$19.54 \$19.54		\$7.12 \$7.12	N/A	\$2,419.89	N/A N/A	\$162.33 \$1,805.54		\$11.93 \$11.93	\$11.93 \$11.93	\$83.38 \$83.38	\$83.38 \$83.38	\$1,220.21 \$1,220.21	\$1,220.21 \$1,220.21		0.50% 0.08%
SCH 89 Secondary Primary Subtransmission	\$12.15 \$12.15 \$12.15	\$12.24 \$12.24 N/A		\$76,614.00 \$76,614.00 \$77,041.00		N/A N/A N/A		\$14,124.26		\$175.85 \$1,809.13 \$19,774.56		N/A N/A N/A	\$1.48 \$1.48 \$1.48	N/A N/A	\$181.76 \$181.76 \$181.76	N/A N/A N/A	\$9,411.51 \$9,411.51 \$9,411.51		0.00% 0.00% 0.00%
SCH 90 Primary	\$12.15	\$12.24	5	\$365,087.00				\$0.00		\$1,805.54			\$0.21		\$17.96		\$33,521.59		0.00%
SCH 91 & 95 Street & Highway Light	\$12.15	\$12.24	\$21.38	N/A	\$23.11		\$2.89	N/A	N/A	N/A	\$3.89	\$0.00	N/A	\$984.82	N/A	\$4.95	N/A	0.00%	
SCH 92 Traffic Signals	\$12.15	\$12.24		\$21.38		\$10.44	\$9.19	N/A	N/A	N/A		\$0.00	N/A	\$981.15	N/A	N/A	\$4.95		0.00%

# PORTLAND GENERAL ELECTRIC SUMMARY OF MARGINAL COST STUDY

SCHEDULE	SUBTRANSMISSION COSTS	SUBSTATION COSTS	FEEDER BACKBONE COSTS	FEEDER TAPLINE COSTS	SERVICE & TRANSFORMER COSTS	METER COSTS	CUSTOMER COSTS
Schedule 7 Residential							
Single-phase	\$12.15	\$12.24	\$20.41	\$20.10	\$83.97	\$19.43	\$63.37
Three-phase	\$12.15	\$12.24	\$20.41	\$20.10	\$140.51	\$58.07	\$63.37
Schedule 15 Residential	\$12.15	\$12.24	\$21.38	\$20.78	\$2.89	N/A	\$11.23
Schedule 15 Commercial	\$12.15	\$12.24	\$21.38	\$20.78	\$2.89	N/A	\$13.01
Schedule 32 General Service							
Single-phase	\$12.15	\$12.24	\$24.70	\$27.24	\$150.15	\$17.23	\$80.60
Three-phase	\$12.15	\$12.24	\$24.70	\$12.94	\$236.86	\$72.71	\$80.60
Schedule 38 TOU							
Single-phase	\$12.15	\$12.24	\$24.54	\$26.38	\$196.72	\$58.07	\$162.10
Three-phase	\$12.15	\$12.24	\$24.54	\$13.09	\$581.00	\$130.80	\$162.10
Schedule 47 Irrigation							
Single-phase	\$12.15	\$12.24	\$24.70	\$23.90	\$10.77	\$57.73	\$79.11
Three-phase	\$12.15	\$12.24	\$24.70	\$11.35	\$21.43	\$86.54	\$79.11
Schedule 49 Irrigation	040.45	<b>0.10.0.1</b>	00151	00101	4444	050.07	0.17.11
Single-phase	\$12.15	\$12.24	\$24.54	\$24.34	\$144.93	\$58.07	\$147.14
Three-phase	\$12.15	\$12.24	\$24.54	\$12.08	\$144.93	\$71.36	\$147.14
Schedule 83 Secondary General Service	<b>#</b> 40.45	<b>#</b> 40.04	<b>CO4.54</b>	<b>#</b> 00.00	0000 44	<b>#</b> 57.70	<b>#040.00</b>
Single-phase	\$12.15 \$12.15	\$12.24 \$12.24	\$24.54 \$24.54	\$26.38 \$13.09	\$388.14 \$1,050.66	\$57.73 \$129.44	\$249.80 \$249.80
Three-phase	\$12.15	\$12.24	\$24.54	\$13.09	\$1,050.66	\$129.44	\$249.80
Schedule 85 Secondary General Service	\$12.15	\$12.24	\$19.54	\$7.12	\$2,419.89	\$162.33	\$1,315.52
Schedule 85 Primary General Service	\$12.15	\$12.24	\$19.54	\$7.12	\$0.00	\$1,805.54	\$1,315.52
Schedule 89 Secondary	\$12.15	\$12.24	\$76,614	N/A	\$14,124.26	\$175.85	\$9,594.75
Schedule 89 Primary	\$12.15	\$12.24	\$76,614	N/A	\$0.00	\$1,809.13	\$9,594.75
Schedule 89 Subtransmission	\$12.15	N/A	\$77,041	N/A	N/A	\$19,774.56	\$9,594.75
Schedule 90 Primary	\$12.15	\$12.24	\$365,087.00	N/A	\$0.00	\$1,805.54	\$33,539.76
Schedules 91 & 95 Streetlighting	\$12.15	\$12.24	\$21.38	\$23.11	\$2.89	N/A	\$989.77
Schedules 92 Traffic Signals	\$12.15	\$12.24	\$21.38	\$10.44	\$9.19	N/A	\$986.10

# Summary of 2013 - 2017 Write-offs by Schedule

	Allocation
Schedule	Percent
Schedule 7	92.60%
Schedule 15	0.81%
Schedule 32	4.70%
Schedule 38	0.00%
Schedule 47	0.10%
Schedule 49	0.09%
Schedule 83	1.12%
Schedule 85	0.58%
Schedule 89	0.00%
Schedule 90	0.00%
Schedule 91 & 95	0.00%
Schedule 92	0.00%
Total	100.00%

#### **Employee Discount**

	2018	2019 Proposed	
Customers Total Consumption	2,631 30,657	2,631 30,657	
Customer Charge	\$11.00	\$11.00	
Table 1 Volumetric Charge Block 1 Table 1 Volumetric Charge Block 2	110.30 117.52	112.34 119.56	
Table 2 Volumetric Charge Block 1 Table 2 Volumetric Charge Block 2	100.14 117.52	103.12 114.61	
Table 3 Volumetric Charge Block 1 Table 3 Volumetric Charge Block 2	101.11 118.49	106.60 118.09	
Annual Customer Charges Discount	\$347,292 (\$86,823)	\$347,292 (\$86,823)	
Annual Volumetric Charges Block 1 MWH Block 2 MWH	23,662 6,995	23,662 6,995	
Table 1 Table 1 Block 1 Revenue Table 1 Block 2 Revenue Volumetric Revenue Table 1 Volumetric Discount	\$2,609,901 \$822,079 \$3,431,979 (\$857,995)	\$2,658,171 \$836,349 \$3,494,520 (\$873,630)	
Table 2 Block 1 Revenue Block 2 Revenue Volumetric Revenue Discount	\$2,369,496 \$822,079 \$3,191,575 (\$797,894)	\$2,440,009 \$801,723 \$3,241,731 (\$810,433)	
Table 3 Block 1 Revenue Block 2 Revenue Volumetric Revenue Discount	\$2,392,448 \$828,864 \$3,221,312 (\$805,328)	\$2,522,352 \$826,066 \$3,348,418 (\$837,104)	
Table 1 Table 2 Table 3 Table 4	(\$944,818) (\$884,717) (\$892,151) (\$892,151)	(\$960,453) (\$897,256) (\$923,927) (\$923,927)	
Block 1 Transmission Distribution Generation System Usage Schedule 125 Schedule 143 Schedule 145 Schedule 102 Schedule 102 Schedule 109 Schedule 110 Schedule 110 Schedule 122 Schedule 122 Schedule 122a Schedule 122a Schedule 122b Schedule 123 Schedule 125 Schedule 135 Schedule 135 Schedule 137 Block 1 Total	2.09 40.86 65.10 2.25 0.00 (0.19) 0.27 (10.16) 4.93 0.05 0.30 0.00 0.00 0.00 0.00 0.01 4.047	2.43 44.44 63.29 2.18 0.00 (0.17) 0.26 (9.22) 0.13 3.97 0.05 0.30 0.00 0.00 0.00 0.00 4.00 0.00 0.44 0.47	(less Sch 109)
Block 2 Transmission	2.09	2.43	
Distribution Generation System Usage Schedule 125 Schedule 143 Schedule 145 Schedule 102 Schedule 105 Schedule 109 Schedule 110 Schedule 112 Schedule 146 Schedule 122 Schedule 122b	40.86 72.32 2.25 0.00 (0.19) 0.27 (0.16) 4.93 0.05 0.30 0.00 0.00	44.44 70.51 2.18 0.00 (0.17) 0.26 (4.95) 0.13 3.97 0.05 0.30 0.00 0.00	
Schedule 123 Schedule 126	0.09 0.00	2.00 0.00	
Schedule 135 Schedule 137 Block 2 Total	0.14 <u>0.47</u> 118.49	0.44 <u>0.47</u> 118.09	(less Sch 109)

#### DA Billing Demand for Transmission & Ancillary Revenues

Schedule	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Schedule 485-S	87,911	87,914	87,880	89,007	93,693	99,699	101,789	106,671	104,614	99,663	93,756	91,599	1,144,196
Schedule 485-P	52,267	52,132	50,167	53,977	60,789	59,983	58,039	61,928	63,419	56,343	55,414	49,593	674,051
Schedule 489-S	498	539	502	1,483	2,052	3,164	7,004	7,099	7,764	6,540	4,119	2,053	42,817
Schedule 489-P	115,907	116,357	114,583	127,121	132,278	137,410	137,392	136,639	139,104	135,217	130,732	124,182	1,546,922
Schedule 489-T	33,230	30,851	27,817	29,424	30,646	29,163	28,400	31,827	29,698	32,490	35,921	31,937	371,404
Totals	289,813	287,793	280,949	301,012	319,458	329,419	332,624	344,164	344,599	330,253	319,942	299,364	3,779,390
OATT (Attachment N)	\$0.49	\$0.49	\$0.49	\$0.49	\$0.49	\$0.49	\$0.49	\$0.49	\$0.49	\$0.49	\$0.49	\$0.49	
Revenues	\$142,008	\$141,019	\$137,665	\$147,496	\$156,534	\$161,415	\$162,986	\$168,640	\$168,854	\$161,824	\$156,772	\$146,688	\$1,851,901
Off-peak increments	4,699	4,266	4,493	4,854	4,915	5,366	6,934	5,371	5,502	5,608	4,530	4,415	60,953

#### DA Billing for Operating & Spinning Reserve Revenues

Billing Demand	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Secondary	88,409	88,453	88,382	90,490	95,745	102,863	108,793	113,770	112,378	106,203	97,875	93,652	1,187,013
Primary	168,174	168,489	164,750	181,098	193,067	197,393	195,431	198,567	202,523	191,560	186,146	173,775	2,220,973
Subtransmission	33,230	30,851	27,817	29,424	30,646	29,163	28,400	31,827	29,698	32,490	35,921	31,937	371,404
Totals	289,813	287,793	280,949	301,012	319,458	329,419	332,624	344,164	344,599	330,253	319,942	299,364	3,779,390
Coincidence Factor (based on 2016 data)	0.831	0.841	0.786	0.777	0.798	0.782	0.812	0.797	0.851	0.828	0.827	0.850	
Schedule 5 Prices	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	
Schedule 6 Prices	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	\$0.100425	
Schedule 5 Revenues	\$24,178	\$24,309	\$22,187	\$23,479	\$25,601	\$25,885	\$27,128	\$27,531	\$29,458	\$27,458	\$26,571	\$25,563	\$309,349
Schedule 6 Revenues	\$24,178	\$24,309	\$22,187	\$23,479	\$25,601	\$25,885	\$27,128	\$27,531	\$29,458	\$27,458	\$26,571	\$25,563	\$309,349
Reserve Revenues	\$48,356	\$48,619	\$44,375	\$46,957	\$51,203	\$51,770	\$54,257	\$55,061	\$58,916	\$54,915	\$53,143	\$51,126	\$618,698
Total ESS OATT Revenues	\$190,365	\$189,637	\$182,040	\$194,453	\$207,737	\$213,185	\$217,243	\$223,702	\$227,769	\$216,739	\$209,915	\$197,814	\$2,470,599

#### MWh

Schedule	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Schedule 485-S	45,894	42,863	47,350	46,370	49,317	50,726	54,842	53,374	49,350	51,970	50,553	52,706	595,315
Schedule 485-P	31,798	23,806	27,619	26,364	27,934	27,946	30,497	33,021	29,737	29,039	24,655	18,765	331,181
Schedule 489-S	217	206	229	333	473	701	1,725	3,099	3,256	1,789	976	419	13,424
Schedule 489-P	85,299	73,639	79,176	78,668	82,094	82,065	84,557	88,570	82,485	81,921	76,717	66,033	961,223
Schedule 489-T	14,495	14,818	15,746	15,199	15,923	15,785	16,321	16,459	16,113	14,862	15,999	15,768	187,488
Totals	177 702	155 333	170 120	166 935	175 741	177 223	187 942	194 522	180 940	179 582	168 900	153 691	2 088 633

Average Energy	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Schedule 7	1,226.5	1,073.5	957.7	849.9	774.9	758.0	835.0	853.7	770.2	769.4	970.5	1,242.7	923.2
Schedule 15	2.4	2.3	2.0	1.7	1.5	1.4	1.4	1.6	1.9	2.1	2.4	2.5	1.9
Schedule 32	204.8	209.7	199.8	190.2	184.6	193.1	207.5	204.6	190.6	189.8	196.9	217.3	199.1
Schedule 38	3.4	3.8	4.4	3.7	3.4	3.3	3.8	3.8	3.6	4.1	4.8	4.1	3.8
Schedule 47	0.6	0.6	0.7	1.1	1.7	4.4	8.5	8.2	4.0	1.0	0.4	0.3	2.6
Schedule 49	0.9	1.0	1.5	2.7	5.2	13.7	26.3	25.2	12.4	3.1	1.1	0.7	7.9
Schedule 83	332.7	347.5	340.1	328.2	329.4	353.3	376.6	373.1	355.3	355.3	357.3	376.3	352.2
Schedule 85	430.1	428.8	432.0	427.5	431.1	457.8	473.7	473.4	445.2	450.7	438.5	415.3	442.1
Schedule 89	197.9	194.0	187.8	190.0	193.0	198.4	197.7	211.4	207.1	195.1	187.9	160.5	193.4
Schedule 90	210.6	225.2	217.1	217.9	219.4	221.4	226.6	234.2	230.7	224.8	234.5	222.8	223.7
Schedule 91	4.1	3.9	3.4	2.9	2.5	2.3	2.4	2.7	3.2	3.6	4.0	4.3	3.3
Schedule 92	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Schedule 95	3.6	3.5	3.0	2.6	2.2	2.0	2.1	2.4	2.8	3.2	3.6	3.7	2.89
TOTALS	2,618.0	2,494.1	2,349.6	2,218.6	2,149.2	2,209.3	2,361.9	2,394.7	2,227.3	2,202.6	2,402.4	2,650.9	2,356.4
Hours	744	672	743	720	744	720	744	744	720	744	721	744	8,760

Calendar Energy (MWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Schedule 7	854,006	675,141	665,973	572,688	539,570	510,789	581,402	594,409	518,962	535,750	654,901	865,323	7,568,915
Schedule 15	1,691	1,445	1,371	1,147	1,025	912	983	1,123	1,259	1,486	1,596	1,737	15,774
Schedule 32	142,600	131,869	138,904	128,132	128,527	130,111	144,475	142,491	128,458	132,163	132,864	151,316	1,631,912
Schedule 38	2,361	2,412	3,039	2,468	2,386	2,206	2,658	2,613	2,416	2,832	3,240	2,864	31,497
Schedule 47	385	394	462	736	1,181	2,967	5,918	5,732	2,701	678	274	242	21,670
Schedule 49	605	634	1,023	1,835	3,610	9,252	18,312	17,521	8,378	2,128	759	453	64,510
Schedule 83-S	231,651	218,528	236,503	221,179	229,361	238,050	262,243	259,781	239,420	247,414	241,130	262,050	2,887,308
Schedule 85-S 201-4,000 kW	208,734	200,083	219,824	212,845	223,880	230,874	248,177	242,298	221,474	236,519	228,945	237,644	2,711,297
Schedule 89-S GT 4 MW	217	206	229	333	473	701	1,725	3,099	3,256	1,789	976	419	13,424
Schedule 85-P 201-4,000 kW	92,415	70,862	82,025	76,547	77,690	78,985	83,134	88,938	79,954	78,702	68,173	52,428	929,851
Schedule 89-P GT 4 MW	120,455	104,152	111,812	109,825	115,479	114,815	117,370	125,305	117,834	116,549	107,215	93,011	1,353,822
Schedule 90-P	149,287	144,211	153,668	149,448	155,522	151,861	160,595	166,032	158,251	159,364	161,091	157,897	1,867,228
Schedule 89-T	19,887	20,097	21,202	20,473	21,132	20,848	21,291	21,662	21,210	20,227	21,176	20,642	249,847
Schedule 91	2,882	2,463	2,337	1,955	1,748	1,554	1,675	1,914	2,146	2,533	2,721	2,960	26,888
Schedule 92	214	206	210	209	210	208	207	206	210	204	205	208	2,496
Schedule 95	2,540	2,170	2,059	1,723	1,540	1,370	1,476	1,687	1,891	2,232	2,398	2,609	23,695
TOTALS	1,829,931	1,574,872	1,640,641	1,501,542	1,503,334	1,495,502	1,651,640	1,674,813	1,507,821	1,540,572	1,627,663	1,851,803	19,400,134

Note: Energy includes DA

Busbar Energy (MWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals	aMW
Schedule 7	912,506	721,388	711,592	611,917	576,531	545,778	621,228	635,126	554,511	572,449	699,762	924,598	8,087,386	923.2
Schedule 15	1,807	1,544	1,465	1,225	1,096	974	1,050	1,200	1,345	1,588	1,706	1,856	16,855	1.9
Schedule 32	152,369	140,902	148,419	136,909	137,331	139,024	154,371	152,252	137,257	141,216	141,965	161,682	1,743,698	199.1
Schedule 38	2,523	2,577	3,248	2,637	2,550	2,357	2,840	2,793	2,582	3,026	3,462	3,060	33,655	3.8
Schedule 47	412	421	494	786	1,262	3,170	6,323	6,125	2,886	725	292	259	23,155	2.6
Schedule 49	646	677	1,093	1,961	3,857	9,886	19,566	18,722	8,952	2,274	811	484	68,929	7.9
Schedule 83-S	247,519	233,498	252,703	236,330	245,072	254,356	280,206	277,576	255,821	264,362	257,647	280,001	3,085,089	352.2
Schedule 85-S 201- 4,000 kW	223,032	213,788	234,882	227,424	239,216	246,689	265,177	258,896	236,645	252,721	244,627	253,923	2,897,021	330.7
Schedule 89-S GT 4 MW	232	221	245	356	505	750	1,843	3,311	3,479	1,912	1,043	447	14,344	1.6
Schedule 85-P 201-4,000 kW	96,999	74,377	86,093	80,344	81,543	82,902	87,257	93,349	83,920	82,605	71,554	55,029	975,972	111.4
Schedule 89-P GT 4 MW	126,430	109,318	117,358	115,272	121,206	120,510	123,192	131,520	123,678	122,330	112,533	97,624	1,420,971	162.2
Schedule 90-P	156,692	151,363	161,290	156,860	163,236	159,393	168,560	174,268	166,101	167,269	169,082	165,729	1,959,842	223.7
Schedule 89-T	20,595	20,813	21,957	21,202	21,884	21,590	22,049	22,433	21,965	20,947	21,930	21,377	258,742	29.5
Schedule 91	3,080	2,632	2,497	2,089	1,867	1,661	1,790	2,046	2,293	2,706	2,907	3,163	28,730	3.3
Schedule 92	229	220	224	223	224	222	221	221	224	218	219	222	2,667	0.3
Schedule 95	2,714	2,319	2,200	1,841	1,646	1,463	1,577	1,803	2,020	2,385	2,562	2,788	25,318	2.89
TOTALS	1,947,783	1,676,056	1,745,759	1,597,377	1,599,027	1,590,725	1,757,252	1,781,638	1,603,679	1,638,733	1,732,102	1,972,240	20,642,371	2,356.4
Busbar Energy (MWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals	aMW
Schedule 85 Schedule 89	237,618 42,485	217,379 37,493	241,393 39,906	230,550 38,164	238,745 40,435	246,058 39,618	261,825 39,588	260,556 43,944	236,622 42,381	249,317 41,901	236,288 37,372	232,939 33,363	2,889,290 476,650	
	162,840 60,617	157,220 47.056	172,474 54.406	166,474 50,183	174,563 49.756	180,148 51.038	193,335 52.636	188,924 55.917	172,124 50.217	184,549 49.663	178,391 43.518	184,938 33.663	18.441.262	

	A B C D	Е	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC
1	ORTLAND GENERAL ELECTRIC																									
	019 Cycle Billing Determinants																+									<del>                                     </del>
4					Demand	Demand									Implicit											
6		Basic Charge BD	Basic Charge BD	Vol. Trans & Related	Transmission & Related	Transmission & Related	Volumetric Dist.	Volumetric Dist.	Volumetric Fac	ilities F	Facilities	Facilities	Distribution Demand	Distribution Demand	& Explicit Sys. Usage					On-peak Energy	Off-peak Energy	Wheeling Demand	Reactive	Fixed	Sch 146	Sch 122a
Ť	rouping	1-phase Cust.	3-phase Cust.	MWh	Block 1 kW	Block 2 kW						Block 3 kW	Block 1 kW	Block 2 kW		MWh				MWh	MWh	kW	kVar	MWh	MWh	MWh
8	abadula 7	9.395.591	190	7,568,918	0	0	4,150,373	2,140,123	1,278,422	0	0	0	0	0	7.500.040	4 450 272	2,140,123 1,27	0.400	0	0	0	0	0	0	7 500 040	7,568,918
	chedule 7 chedule 15 Residential	65,892	0		0	0	3,264	2,140,123	1,270,422	0	0	0	0	0		4,150,373		0,422	3,264	0	0	0	0	3,264	7,568,918 3,264	
11							-																			
12	chedule 15 Commercial	47,940	0	12,510	0	0	12,510	0		0	0	0	0	0	12,510	0	0		12,510	0	0	0	0	12,510	12,510	12,510
	chedule 32	672,008		1,633,156	0			205,738		0	0	0	0	0		0			33,156	0	0	0			1,633,156	
_	chedule 38	660	3,935	31,475	0	-	17,091	14,383		0	0		0	0	- , -	0			0	17,091	14,383	0	- , -	0	- , -	
	chedule 47 chedule 49	1,344	17,022 7,608	21,633 64,540	0	0	7,536 19,051	14,098 45,489		0	0	0	0	0		0			21,633 64.540	0	0	0		0		
18	chedule 83-S	8,194	130,152	0	8,606,661	3,366	0	0	,		6,980,663	0	8,606,661	3,366	2,884,961	0				,909,059	975,902	0	538,563	0	2,884,961	2,884,961
	chedule 85-S chedule 89-S	0	13,993	0	5,711,975	6,572 0	0	0	2,7	98,600	3,878,207	0	5,711,975	6,572		0			0 1,	,390,849	731,573	0		0	2,122,422	
	chedule 91	2,292	0		0	-	26,888	0		0	0	0	0	0		0		2	26,888	0	0	0	-	26,888	26,888	Ū
	chedule 92	192	0	,	0		2,496	0		0	0	0	0	0	_,	0			2,496	0	0			0	2,496	,
23	chedule 95	144	0	23,695	0	0	23,695	0		0	0	0	0	0	23,695	0	0	-   2	23,695	0	0	0	0	23,695	23,695	23,695
25																										
_	chedule 85-P chedule 89-P	0	2,248	0	1,490,713	4,859	0	0		-,	1,503,786	0 480 157	1,490,713	4,859	,	0				374,238	217,186	0	255,584 66,969	0	,	
	chedule 99-P	0	132 48	0	820,489 2,701,624	5,091 85	0	0		20,000 24,000	360,000 72,000	480,157 2,730,257	820,489 2,701,624	5,091 85		0				238,945 ,070,638	162,231 790,429	0			401,176 1,861,066	
29			-								·									-						
30	chedule 89-T	0	60	0	272,521	0	0	0		60,000	180,000	115,908	272,521	0	62,759	0	0		0	41,003	21,755	0	32,382	0	62,759	62,759
32	chedule 75-T	0	0		0	0		0		0	0	0	0	0			-		0	0	0	0	-	0		,
	chedule 76R	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0		0	0	0	0	0	0		
34 35																	+									<del> </del>
36	chedule 485-S V2003	0	24		22,540	172	0	0		4,800	21,708	0	22,540	172		0			0	7,278	4,456	0		0		
	chedule 485-S V2010 chedule 485-S V2011	0	96 96	0	59,970 70,528	269 195	0	0		19,200 19,200	58,871 71,825	0	59,970 70,528	269 195		0			0	19,036 22,152	13,204 12,011	0	-,	0		
	chedule 485-S V2011	0		0	417,254	3,457	0	0		37,600	299,709	0	417,254	3,457		0				121,648	70,838		25,204	0		+
	chedule 485-S V2013	0		0	205,520	521	0	0		76,800	187,580	0	205,520	521					0	65,846	41,683	0	-,	0		
	chedule 485-S V2014 chedule 485-S V2015	0	36 12	0	22,476 10,533	306 6	0	0		7,200 2,400	20,821 8,988	0	22,476 10,533	306 6		0			0	6,210 3,043	4,656 1,736	0		0		
	chedule 485-S V2016	0	84	0	22,340	41	0	0		16,800	8,771	0	22,340	41		0	-		0	7,568	4,885	0		0		
	chedule 485-S V2017	0	456	0	192,582	1,314	0	0		91,200	157,390	0	192,582	1,314					0	64,254	40,291	0		0		
	chedule 485-S V2018 chedule 485-S V2019	0	312 108	0	81,203 39,250	52,953 0	0	0		62,400 21,600	108,648 28,443	0	81,203 39,250	52,953 0		0				39,230 12,128	24,462 8,486	0		0		
47	chedule 489-S V2014	0		0	42,817	0	0	0		12,000	36,000	41,172	42,817	0		0	0		0	8,771	4,711	0		0		
48																										
	chedule 485-P V2010	0	12	0	44,256	0	0	0		2,400	45,768	0	44,256	0	24,415	0	0		0	14,820	9,595	0	11,460	0		+
_	chedule 485-P V2011	0	0	-	0	0	0	0		0	0	0	0	0	-				0	0	0	0	, ,	0		
	chedule 485-P V2012 chedule 485-P V2013	0	336	0	76,469 269,885	45 626	0	0		12,000 67,200	64,514 203,310	0	76,469 269,885	45 626		0			0	22,244 81,538	12,842 47,202	0	-,	0		+
54	chedule 485-P V2014	0	24	0	15,663	33	0	0		4,800	10,896	0	15,663	33		0			0	5,100	3,778	0		0		
	chedule 485-P V2015	0			73,223	0	0	0		4,800	73,513	0	73,223	0						21,528	13,568	0		0		
	chedule 485-P V2016 chedule 485-P V2017	0			0 112,749	100	0	0		19,200	93,649	0	0 112,749	100					0	0 38,272	26,986	_	12,227	0		+
58	chedule 485-P V2018	0	12	0	22,453	0	0	0		2,400	26,472	0	22,453	0	12,047	0	0		0	7,255	4,792	0	0	0		
	chedule 485-P V2019 chedule 489-P V2004	0			59,353 128,295	0		0		4,800 12,000	69,228 36,000	93,240	59,353 128,295	0	,					12,489 45,534	9,327 29,486	0	9,292 35,972	1 0		
	chedule 489-P V2004 chedule 489-P V2010	0			142,095	0		0		12,000	36,000	106,284	142,095	0		0				43,432	29,466		44,824	0		+
	chedule 489-P V2011	0	24	0	263,601	0		0		24,000	72,000	190,320	263,601	0	-, -	0	0		0	102,954	76,216	0	34,160	0		
	chedule 489-P V2012 chedule 489-P V2013	0		0	170,006 89,545	46 31	0	0		36,000 12,000	108,000 36,000	54,825 49.932	170,006 89,545	46 31						53,523 32,433	33,599 23,966	0		0		+
65	chedule 489-P V2014	0	12		102,973	222	0	0		12,000	36,000	63,900	102,973	222					0	39,125	28,990	0		0		
	chedule 489-P V2016 chedule 489-P V2017	0			98,417 228,766	0 596	0	0		12,000 24,000	36,000	51,106 156,890	98,417	0 506						38,052	28,198 61,484	0		0		
	chedule 489-P V2017 chedule 489-P V2018	0			253,351	20	0	0		24,000	72,000 72,000	178,446	228,766 253,351	596 20						81,672 96,117	70,438	0	55,222 31,808	0		+
69	chedule 489-P V2019	0			69,873	80	0	0		12,000	36,000	26,844	69,873	80						26,310			12,928	1		
70 71																	+									
		0	12	0	10,708	0	0	0		48,000	12	0	10,708	0	1,733	0	0		0	988	745	0	890	0		
	chedule 489-T V2012	0	12	0	- ,	0	-	0		12,000	36,000	,	162,339	0	, -					57,991	42,787		29,693	0		
74 75	chedule 489-T V2013	0	12	0	198,357	0	0	0		12,000	36,000	168,410	198,357	0	84,661	0	0		U	51,263	33,398	0	182,305	0		+
76																										
	OS Totals larket Totals	10,194,293		9,388,575	19,603,983	19,973	5,690,322	2,419,831	1,278,422 7,6				19,603,983				2,140,123 1,27	8,422 1,78			2,913,461	0				17,312,384
	iarket Totals Firect Access Totals	0	3,612	0		61,033	0	0	0 0	0 40,800 2	0 2,208,116	1,345,914	-	61,033	2,088,126			0	0 1,	,249,803	838,323		602,254	2		
	otals	10,194,293	- , -	9,388,575		81,006		2,419,831									2,140,123 1,27	Ū							-	17,312,384

	Α	B C D	AD	AE	AF	AG	AH	Al	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1	PΩ	DRTLAND GENERAL ELECTRIC																				
		19 Cycle Billing Determinants																				
5								Sch 128	Sch 128		Sch 102	Sch 102	Sch 102									
6			Sch 122b	Sch 125	Sch 145	Sch 132	Sch 143	Block 1	Block 2	Sch 129	Block 1	Block 2	Block 2	Sch 105	Sch 109	Sch 110	Sch 112	Sch 123	Sch 126	Sch 135	Sch 137	Calendar
-	Gro	ouping	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh
9	Sch	hedule 7	7,568,918	7,568,918	7,568,918	7,568,918	7,568,918				4,150,373	2,140,123	1,278,422	7,568,918	7,568,918	7,568,918	7,568,918	7,568,918	7,568,918	7,568,918	7,568,918	7,568,915
	Sch	hedule 15 Residential	3,264	3,264	3,264	3,264	3,264				3,264	3,264		3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264
11																						
13	_	hedule 15 Commercial	12,510	12,510	12,510	12,510	12,510				0	0		12,510	12,510	12,510	12,510	12,510	12,510	12,510	12,510	12,510
15	_	hedule 32 hedule 38	1,633,156 31,475	1,633,156 31,475	1,633,156 31,475	1,633,156 31,475	1,633,156 31,475				249,080 652	249,080 652		1,633,156 31,475	1,631,432 31,387	1,631,432 31,387	1,633,156 31,475	1,631,432 31,387	1,633,156 31,475	1,633,156 31,475	1,633,156 31,475	1,631,912 31,497
		hedule 47	21,633	21,633	21,633	21,633	21,633				19,580	19,580		21,633	21,633	21,633	21,633	21,633	21,633	21,633	21,633	21,670
	_	chedule 49 Chedule 83-S	64,540 2,884,961	64,540 2,884,961	64,540 2,884,961	64,540 2,884,961	64,540 2,884,961				54,354 225,933	54,354 225,933		64,540 2,884,961	64,303 2,834,638	64,303 2,834,638	64,540 2,884,961	64,303 2,834,638	64,540 2,884,961	64,540 2,884,961	64,540 2,884,961	64,510 2,887,308
		hedule 85-S	2,122,422	2,122,422	2,122,422	2,122,422	2,122,422				33,179	33,179		2,122,422	1,877,771	1,877,771	2,122,422	1,877,771	2,122,422	2,122,422	2,122,422	2,115,981
		hedule 89-S hedule 91	26,888	26,888	26,888	26,888	26,888				0	0		26,888	26,888	26,888	26,888	26,888	26,888	26,888	26,888	26,888
		hedule 92	2,496	2,496	2,496	2,496	2,496				0	0		2,496	2,496	2,496	2,496	2,496	2,496	2,496	2,496	2,496
23	SCI	hedule 95	23,695	23,695	23,695	23,695	23,695				0	0		23,695	23,695	23,695	23,695	23,695	23,695	23,695	23,695	23,695
25		hadula 95 D	E04 101	E04 404	E04 107	E04 404	E04 101				4.000	4.000		E04 404	204 504	204 501	E04 10 1	004.501	F04 40 1	F04 40 1	E04 107	E00.070
		hedule 85-P hedule 89-P	591,424 401,176	591,424 401,176	591,424 401,176	591,424 401,176	591,424 401,176				4,386 0	4,386 0		591,424 401,176	301,591	301,591	591,424 401,176	301,591	591,424 401,176	591,424 401,176	591,424 401,176	598,670 392,599
	Sch	hedule 90-P	1,861,066	1,861,066	1,861,066	1,861,066	1,861,066							1,861,066	0	0	1,861,066	0	1,861,066	1,861,066	1,861,066	1,867,228
30	$\vdash$																					
	_	hedule 89-T	62,759	62,759	62,759	62,759	62,759				0	0		62,759	0	0	62,759	0		62,759	62,759	62,359
	_	hedule 75-T hedule 76R	0	0	0	0	0				0	0		0	0	0	0	0	<u> </u>	0	0	0
34												-			-							
35 36	Sch	hedule 485-S V2003			11,734	11,734	11,734			11,734	0	0		11,734	0	0	11,734	0	0			11,743
37	Sch	hedule 485-S V2010			32,240	32,240	32,240			32,240	0	0		32,240	13,838	13,838	32,240	13,838	0			32,243
38	_	hedule 485-S V2011 hedule 485-S V2012			34,163 192,487	34,163 192,487	34,163 192,487			34,163 192,487	0	0		34,163 192,487	34,163 192,487	34,163 192,487	34,163 192,487	34,163 192,487	0			34,170 192,486
	Sch	hedule 485-S V2013			107,529	107,529	107,529			107,529	0	0		107,529	95,846	95,846	107,529	95,846	0			107,508
		hedule 485-S V2014 hedule 485-S V2015			10,866 4,779	10,866 4,779	10,866 4,779			10,866 4,779	0	0		10,866 4,779	10,866 4,779	10,866 4,779	10,866 4,779	10,866 4,779	0			10,925 4,799
43	Sch	hedule 485-S V2016			12,453	12,453	12,453			12,453	0	0		12,453	12,453	12,453	12,453	12,453	0			12,471
		hedule 485-S V2017 hedule 485-S V2018			104,545 63,692	104,545 63,692	104,545 63,692			104,545 63,692	0	0		104,545 63,692	104,545 63,692	104,545 63,692	104,545 63,692	104,545 63,692	0			104,486 63,708
46	Sch	hedule 485-S V2019			20,614	20,614	20,614			20,614	0	0		20,614	20,614	20,614	20,614	20,614	0			20,777
47	Sch	hedule 489-S V2014			13,482	13,482	13,482			13,482	0	0		13,482	0	0	13,482	0	0			13,424
49																						
		thedule 485-P V2010 thedule 485-P V2011			24,415	24,415	24,415			24,415	0	0		24,415	0	0	24,415	0				24,355
	Sch	hedule 485-P V2012			35,086	35,086	35,086			35,086	0	0		35,086	8,408	8,408	35,086	8,408	0			35,106
53 54		hedule 485-P V2013 hedule 485-P V2014			128,740 8,879	128,740 8,879	128,740 8,879			128,740 8,879	0	0		128,740 8,879	80,810 8,879	80,810 8,879	128,740 8,879	80,810 8,879	0			128,656 8,848
55	Sch	hedule 485-P V2015			35,096	35,096	35,096			35,096	0	0		35,096	0	0	35,096	0	0			35,016
		hedule 485-P V2016 hedule 485-P V2017			65,259	65,259	0 65,259			65,259	0	0		65,259	16,235	0 16,235	65,259	0 16,235	0			0 64,924
58	Sch	hedule 485-P V2018			12,047	12,047	12,047			12,047	0	0		12,047	0	0	12,047	0	0			12,027
		hedule 485-P V2019 hedule 489-P V2004			21,816 75,020	21,816 75,020	21,816 75,020			21,816 75,020	0	0		21,816 75,020	1 0	0	21,816 75,020	0	0			22,248 75,020
61	Sch	hedule 489-P V2010			73,367	73,367	73,367			73,367	0	0		73,367	0	0	73,367	0	0			73,227
		hedule 489-P V2011 hedule 489-P V2012			179,170 87,123	179,170 87,123	179,170 87,123			179,170 87,123	0	0		179,170 87,123	0	0	179,170 87,123	0				178,958 87,011
64	Sch	hedule 489-P V2013			56,400	56,400	56,400			56,400	0	0		56,400	0	0	56,400	0	0			56,400
		hedule 489-P V2014 hedule 489-P V2016			68,114 66,250	68,114 66,250	68,114 66,250			68,114 66,250	0	0		68,114 66,250	0	0	68,114 66,250	0	<u> </u>			68,200 67,263
67	Sch	hedule 489-P V2017			143,156	143,156	143,156			143,156	0	0		143,156	0	0	143,156	0	0			143,163
		hedule 489-P V2018 hedule 489-P V2019			166,555 45,879	166,555 45,879	166,555 45,879			166,555 45,879	0	0		166,555 45,879	0	0	166,555 45,879	0				166,093 45,888
70		1001 12010			-10,079	-10,019	-10,013			-10,079	J	J		-10,019	'		70,019	<u>'</u>				-10,000
71 72	Sch	hedule 489-T V2007			1,733	1,733	1,733			1,733	0	0		1,733	0	0	1,733	0	0			1,588
73	Sch	hedule 489-T V2012			100,778	100,778	100,778			100,778	0	0		100,778	0	0	100,778	0	0			100,778
74 75	_	hedule 489-T V2013			84,661	84,661	84,661			84,661	0	0		84,661	0	0	84,661	0	0			85,123
76																						
		OS Totals arket Totals	17,312,384 0		17,312,384			0				2,730,551	, ,	17,312,384		14,400,526	17,312,384				17,312,384	17,311,501
	_	rect Access Totals	0		2,088,126		2,088,126	0		2,088,126	0	0		2,088,126			2,088,126		1			2,088,633
80	Tot	tals	17,312,384	17.312.384	19,400,511	19.400.511	19.400.511	0	0	2.088.126	4.740.800	2.730.551	1.278.422	19.400.511	15,068,142	15.068.142	19.400.511	15.068.142	17.312.386	17.312.384	17.312.384	19.400.134

# Schedule 109 & 110 MWh Exceptions

Exception Energy	MWH	Eligible	MWH
Schedule 15	0		
Schedule 32	1,724		
Schedule 38	87		
Schedule 47	0		
Schedule 49	238	Schedule 485-S 2010	13,838
Schedule 83 Secondary	50,324	Schedule 485-P V2012	8,408
Schedule 85 Secondary	244,651	Schedule 485-P V2013	80,810
Schedule 85 Primary	289,833	Schedule 485-P V2017	16,235
Schedule 485 S 2013	11,683		
Totals	598,540		

Note: This reflects the site definition of 1 aMW SDC.

85-P elig. 301,489

	Α	ВС	D	E	F	G	Н		J	K	L	M	N	0	Р	Q	R
2	$\dashv$	+															
3																	
4	Sch	edule		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
6				Jan	1 60	mai	Αрι	may	Jun	oui	Aug	Обр	OCI	1407	Dec	Total	
		edule 7															
8		Custom Sin	iers ide Phase	778,522	779,190	779,943	780,761	781,500	782,320	783,158	784,204	785,089	786,105	786,989	787,810	9,395,591	
10			ree Phase	15	15	15	15	15	15	15	15	15	15	15	15	180	
11	-	Energy	(MWh) ergy 1st 500 kWh (MWh)	367 469	359.993	352.541	343.541	336.051	333.275	336.764	338.783	339.165	331.743	343.921	367.126	4.150.373	
13		Ene	ergy 501-1,000 kWh (MWh)	255,360	216,619	191,870	163,963	143,799	141,603	161,334	171,744	166,442	132,068	158,975	236,348	2,140,123	
14		Ene	ergy over 1,000 kWh (MWh) ar Energy (MWh)	269,836 854,006	191,318 675,141	154,902 665,973	91,846 572,688	50,986 539,570	43,510 510,789	44,827 581,402	72,222 594,409	71,535 518,962	37,788 535,750	63,980 654,901	185,672 865,323	1,278,422 7,568,915	
16		Calerius	al Ellergy (IVIVVII)	0.113	0.089	0.088	0.076	0.071	0.067	0.077	0.079	0.069	0.071	0.087	0.114	7,300,913	
			5 Residential														
18		Custom Energy	(MWh)	5,491 272	5,491 272	5,491 272	5,491 272	5,491 272	5,491 272	5,491 272	5,491 272	5,491 272	5,491 272	5,491 272	5,491 272	65,892 3,264	5,491
20		Calenda	ar Energy (MWh)	350	299	284	237	212	189	203	232	260	307	330	359	3,264	
21	Sch	edule 1	5 Commercial														
23		Custom	iers	3,995	3,995	3,995	3,995	3,995	3,995	3,995	3,995	3,995	3,995	3,995	3,995	47,940	3,995
24	4	Energy Calenda	(MWh) ar Energy (MWh)	1,051 1,341	1,049 1,146	1,048 1,087	1,046 909	1,045 813	1,043 723	1,042 779	1,040 891	1,039 998	1,037 1,178	1,036 1,266	1,034 1,377	12,510 12,510	
26				1,341	1,140	1,087	909	013	123	1/9	091	996	1,178	1,200	1,377	12,310	
27	Sch	edule 3	S2-RPA	24.957	24.975	04.00=	25,017	05.007	25.060	25.082	25,111	25.135	25.162	25,186	05.000	300.925	
28			ners - Single Phase ners - Three Phase	24,957 2,646	24,975 2,648	24,995 2,650	25,017 2,652	25,037 2,655	25,060 2,657	25,082 2,659	25,111	25,135 2,665	25,162 2,668	25,186 2,670	25,208 2,673	300,925 31,905	
30		Energy	(MWh)														
31	+		st 5 MWh er 5 MWh	24,265 3,065	22,391 2,574	20,690 2,268	18,559 1,807	16,968 1,618	16,283 1,682	16,531 1,910	16,809 2,058	16,930 2,156	16,262 1,633	17,490 1,718	20,855 2,558	224,032 25,047	
33		Calenda	ar Energy (MWh)	24,793	22,516	22,800	20,263	19,440	18,369	19,747	18,918	17,294	18,859	20,388	24,634	248,021	
34	Sch	edule 3	12														
36		Custom	ers - Single Phase	30,774	30,798	30,823	30,850	30,874	30,902	30,930	30,965	30,995	31,029	31,058	31,085	371,083	
37		Custom	ers - Three Phase (MWh)	34,937	34,962	34,991	35,022	35,050	35,081	35,113	35,152	35,186	35,225	35,259	35,290	421,268	
39		Firs	st 5 MWh	110,908	105,685	102,771	96,941	93,198	95,003	99,198	103,595	102,718	94,402	94,552	104,416	1,203,386	
40		Ove	er 5 MWh	18,820	15,419	13,998	11,321	10,938	14,112	17,102	19,458	19,772	12,886	11,160	15,704	180,690	
41		Calenda	ar Energy (MWh)	117,808	109,353	116,104	107,869	109,087	111,742	124,728	123,573	111,164	113,305	112,475	126,682	1,383,891	
43		edule 3															
44			ers - Single Phase ers - Three Phase	1 13	13	13	1 13	1 13	1 13	13	1 13	13	13	1 13	1 13	12 156	
46		Energy	(MWh)														
47	-		-Peak -Peak	25 19	22 18	21 17	18 14	17 12	16 14	19 18	39 32	93 83	34 31	28 21	23 18	354 298	
49			e Demand (kVar)	55	69	64	52 32	57	68	78	110	169	137	61	57	977	
50		Calenda	ar Energy (MWh)	40	36	38	32	30	31	40	71	160	68	52	42	640	
52		edule 3															
53 54		Custom	ners - Single Phase ners - Three Phase	54 313	54 314	54 314	54 314	54 314	54 315	54 315	54 315	54 316	54 316	54 316	54 317	648 3,779	
55		Energy	(MWh)														
56	_	On-	-Peak	1,321	1,401	1,516	1,379	1,260	1,154	1,368	1,430	1,332	1,435	1,696	1,445	16,738	
57 58		Reactive	-Peak e Demand (kVar)	1,238 3,537	1,233 3,586	1,506 4,119	1,069 4,537	993 3,918	973 5,114	1,077 5,351	1,105 4,528	1,159 4,609	1,188 4,729	1,308 5,042	1,237 4,154	14,086 53,224	
59		Calenda	ar Energy (MWh)	2,322	2,376	3,002	2,436	2,356	2,175	2,618	2,542	2,257	2,764	3,189	2,821	30,857	
60	Sch	edule 4	7 RPA														
62		Custom	ers - Single Phase	77	77	77	77	185	185	185	185	185	185	77	77	1,572	
63		Custom Energy	ers - Three Phase (MWh)	1,118	1,118	1,118	1,118	2,689	2,689	2,689	2,689	2,689	2,689	1,118	1,118	22,842	
65		Firs	st 50 kWh per kW	149	189	162	204	480	876	1,243	1,311	1,152	694	256	153	6,868	
66 67	4		er 50 kWh per kW e Demand (kVar)	147 0	163 0	154 0	187 0	403 0	1,070	2,736	3,893	2,788	805 4	214	151 0	12,713	
68			ar Energy (MWh)	347	348	398	651	1,036	2,691	5,472	5,285	2,474	581	220	204	19,706	
69 70		edule 4															
71			ers - Single Phase	16	16	16	16	39	39	39	39	39	39	16	16	330	
72		Custom	ers - Three Phase	61	61	61	61	148	148	148	148	148	148	61	61	1,254	
73	-	Energy Firs	(MWh) st 50 kWh per kW	18	23	22	27	63	75	96	105	97	82	37	23	668	
75		Ove	er 50 kWh per kW	14	24	29	25	61	124	228	335	265	171	77	32	1,385	
76		Reactive Calenda	e Demand (kVar) ar Energy (MWh)	1 38	4 46	0 64	0 85	7 145	5 276	4 446	447	4 227	5 98	4 53	0 38	38 1,964	
78				30	70	04	0.0	170	210	770	77/	LLI	30	55	30	1,004	
79 80		edule 4	I9 RPA Iers - Single Phase	^	2	_	-	4	,	4	4	4		^	2	36	
81		Custom	ers - Three Phase	478	478	478	478	1,150	1,150	1,150	1,150	1,150	1,150	478	478	9,768	
82	_	Energy	(MWh)														
83	-	Ove	st 50 kWh per kW er 50 kWh per kW	153 193	208 187	202 235	331 379	1,020 1,383	2,230 3,385	3,019 8,478	3,065 12,084	2,684 8,975	1,883 2,698	535 607	212 209	15,542 38,813	
85		Reactive	e Demand (kVar)	75	104	98	683	1,748	775	242	225	172	198	125	76	4,521	
86 87	-	Calenda	ar Energy (MWh)	405	390	550	1,181	2,819	7,765	15,809	15,386	7,320	1,774	536	283	54,218	
88	Sch	edule 4	19														
89 90	Ţ	Custom	ners - Single Phase ners - Three Phase	1 49	1 49	1 49	1 49	2 118	2 118	2 118	2 118	2 118	2 118	1 49	1 49	18 1,002	
91			(MWh)	49	49	49	49	116			118	116	116	49	49		
92		Firs	st 50 kWh per kW	100 71	156 90	164 212	144 249	307 368	503 573	501 1.320	492 1.611	415	381 533	241 235	107 144	3,510 6,676	
93	-		er 50 kWh per kW e Demand (kVar)	71 186	90 238	212 226	249 318	368 604	573 319	1,320 499	1,611	1,270 315	533 410	235 393	144 243	6,676 4,188	
95			ar Energy (MWh)	200	243	473	654	791	1,487	2,503	2,135	1,058	354	223	169	10,292	

96	O. I	B C D	Е	F	G	Н	- 1	J	К	L	М	N	0	Р	Q	R
97		edule 83S RPA 31-200 kW														
98	(	Customers - Single Phase Customers - Three Phase	128 650	129 651	129 651	129 651	129 652	129 653	129 653	129 654	129 654	130 656	130 656	130 657	1,550 7,838	
100 101		Energy (MWh) On-Peak	14,192	12,813	12,016	10,828	10,334	10,572	11,095	12,102	12,384	10,814	10,851	12,604	140,605	
102 103	3	Off-Peak Facility Capacity (kW)	8,878	8,205	7,576	6,747	6,380	6,381	6,528	6,932	7,137	6,294	6,478	7,793	85,328	
104 105		First 30 kW Over 30 kW	23,340 47,285	23,400 44,515	23,400 39,699	23,400 36,527	23,430 35,543	23,460 35,700	23,460 38,710	23,490 41,794	23,490 40,895	23,580 38,249	23,580 36,058	23,610 39,333	281,640 474,308	
106 107		Demand (kW) On-Peak	54,747	52,637	48,880	46,412	45,668	45,817	48,164	50,580	49,875	47,899	46,187	48,772	585,638	
108		Off-Peak Increment Reactive Demand (kVar)	21 840	21 788	20 824	18 919	18 959	18 965	19 1,270	20 1,453	20 1,596	18 1,455	18 1,113	19 969	230 13,151	
110 111		Calendar Energy (MWh)	20,928	18,957	19,457	17,487	17,483	17,334	18,871	19,086	17,687	18,029	18,393	21,460	225,172	
113	(	edule 85S RPA 201-4,000 kW Customers - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	
114 115	- 1	Customers - Three Phase Energy (MWh)	22	22	22	22	22	22	22	22	22	22	22	22	264	
116		On-Peak Off-Peak	2,035 1,256	1,783 1,132	1,787 1,075	1,641 958	1,646 975	1,606 897	1,693 921	1,997 1,085	1,921 1,004	1,664 876	1,591 859	1,745 1,030	21,110 12,069	
118	=	Facility Capacity (kW) First 200 kW Over 200 kW	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	52,800	
120 121 122		Demand (kW) On-Peak	4,852 7,153	4,978 7,293	4,331 6,735	3,960 6,451	3,744 6,275	3,579 6,445	3,578 7,072	3,484 6,993	3,430 6,958	7,029	3,862 6,724	4,320 7,066	47,805 82,194	
123		Off-Peak Increment Reactive Demand (kVar)	0 675	7,293	0,735 0 745	0 875	932	0,445	0 895	0,993	0,938 0 713	0 835	930	0 952	0 9,974	
125		Calendar Energy (MWh)	2,986	2,630	2,842	2,587	2,742	2,559	2,799	3,090	2,650	2,677	2,600	2,920	33,082	
		edule 89S RPA GT 4,000 kW Customers - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	
129	0	Customers - Three Phase Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
131 132	Ħ	On-Peak Off-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
133 134		Facility Capacity (kW) First 1,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
135 136		1,001-4,000 kW Over 4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
137 138		Demand (kW) On-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
139		Off-Peak Increment Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0		0	0	
141		Calendar Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
144	(	edule 83S 31-200 kW Customers - Single Phase	550	551	551	552	553	554	554	555	555	556	556	557	6,644	
145 146		Customers - Three Phase Energy (MWh)	10,144	10,152	10,160	10,168	10,177	10,185	10,195	10,207	10,216	10,227	10,237	10,246	122,314	
147 148 149	۲,	On-Peak Off-Peak Eacility Capacity (kW)	151,124 80,893	144,298 76,695	143,948 74,321	135,254 69,163	135,268 66,983	144,657 70,865	152,031 74,888	161,556 78,116	164,381 79,942	146,513 70,697	139,685 69,651	149,739 78,361	1,768,454 890,574	
150 151	=	Facility Capacity (kW) First 30 kW Over 30 kW	320,820 509,058	321,090 504,486	321,330 498,601	321,600 489,093	321,900 531,042	322,170 561,438	322,470 586,874	322,860 615,093	323,130 614,462	323,490 581,149	323,790 513,896	324,090 501,163	3,868,740 6,506,355	
152	4	Demand (kW) On-Peak	641,482	638,201	633,913	626,691	659,333	683,046	703,006	725,115	724,962	699,496	647,703	638,075	8,021,023	
154 155	۲,	Off-Peak Increment Reactive Demand (kVar)	251 33,755	249 34,452	248 36,210	245 37,943	258 43,051	267 46,565	275 50,004	284 52,372	283 51,436	273 48,971	253 41,124	250 49,529	3,136 525,412	
156 157	-	Calendar Energy (MWh)	210,722	199,571	217,045	203,692	211,878	220,716	243,372	240,695	221,733	229,385	222,736	240,590	2,662,136	
159	0	edule 85S 201-4,000 kW Customers - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	
160 161		Customers - Three Phase Energy (MWh)	1,138	1,140	1,141	1,141	1,142	1,144	1,145	1,145	1,146	1,148	1,149	1,150	13,729	
162 163		On-Peak Off-Peak	113,867 62,753	110,746 61,066	112,077 59,158	108,165 57,000	108,396 56,354	114,657 59,534	117,595 60,876	122,978 62,914	123,559 64,061	114,912 58,336	109,690 56,690	113,097 60,761	1,369,739 719,504	
164 165	=	Facility Capacity (kW) First 200 kW	227,600	228,000	228,200	228,200	228,400	228,800 338,417	229,000	229,000	229,200	229,600	229,800	230,000	2,745,800	
166 167 168	4	Over 200 kW Demand (kW) On-Peak	292,383	292,354	291,338	300,529	322,370		342,901	353,946	354,472	341,493	306,217			
169	۲,		AAE 670	44E 960	444 772	452 450	471 ROF		480 ner	498 054	490 102			293,982	3,830,402	
171 172	-	Off-Peak Increment Reactive Demand (kVar)	445,678 358 61,681	445,860 435 63,886	444,772 779 67,110	452,459 855 71,120	471,826 178 79,182	485,912 109 83,712	489,065 726 85,898	498,951 170 89,855	499,102 618 87,432	488,753 513 84,242	458,737 1,032 75,981	293,982 448,666 799 67,676		
		Reactive Demand (kVar) Calendar Energy (MWh)	358	435	779	855	178	485,912 109	726	170	618	488,753 513	458,737 1,032	448,666 799	3,830,402 5,629,781 6,572	
175 176	(	Reactive Demand (kVar) Calendar Energy (MWh) Ledule 89S GT 4,000 kW Customers - Single Phase	358 61,681 159,855	435 63,886 154,590	779 67,110 169,632	855 71,120 163,888	178 79,182 171,821	485,912 109 83,712 177,589	726 85,898 190,536	170 89,855 185,835	618 87,432 169,473	488,753 513 84,242 181,872	458,737 1,032 75,981 175,791	448,666 799 67,676 182,018	3,830,402 5,629,781 6,572 917,775 2,082,899	
177	(	Reactive Demand (kVar) Calendar Energy (MWh) Led Led Ses GT 4,000 kW Customers - Sindle Phase Customers - Three Phase Energy (MWh)	358 61,681 159,855 0	435 63,886 154,590 0 0	779 67,110 169,632 0	855 71,120 163,888 0 0	178 79,182 171,821 0 0	485,912 109 83,712 177,589 0 0	726 85,898 190,536	170 89,855 185,835 0 0	618 87,432 169,473 0 0	488,753 513 84,242 181,872 0	458,737 1,032 75,981 175,791 0	448,666 799 67,676 182,018	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0	
178	- 1	Reactive Demand (KVar) Calendar Enerry (MWh)  edule 89S GT 4,000 kW Customers - Three Phase Customers - Three Phase Enerry (MWh)   On-Peak     Off-Peak	358 61,681 159,855	435 63,886 154,590	779 67,110 169,632	855 71,120 163,888	178 79,182 171,821	485,912 109 83,712 177,589	726 85,898 190,536	170 89,855 185,835	618 87,432 169,473	488,753 513 84,242 181,872	458,737 1,032 75,981 175,791 0	448,666 799 67,676 182,018	3,830,402 5,629,781 6,572 917,775 2,082,899	
	- 1	Reactive Demand (KVar) Calendar Enercy (MWh)  edule 895 GT 4,000 kW  Customers - Single Phase Customers - Three Phase Enercy (MWh)    On-Peak   Off-Peak   Facility Capacity (kW)   First 1,000 kW	358 61,681 159,855 0 0	435 63,886 154,590 0 0	779 67,110 169,632 0 0	855 71,120 163,888 0 0	178 79,182 171,821 0 0	485,912 109 83,712 177,589 0 0	726 85,898 190,536 0 0	170 89,855 185,835 0 0	618 87,432 169,473 0 0	488,753 513 84,242 181,872 0 0	458,737 1,032 75,981 175,791 0	448,666 799 67,676 182,018 0	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0	
178 179 180 181 182		Reactive Demand (KVar) Calendar Enercy (MWh)  edute 895 GT 4,000 kW  Customers - Three Phase Customers - Three Phase Enercy (MWh)    On-Peak   Off-Peak   Off-Peak   Facility Capacity (kW)   First 1,000 kW   1,001-4,000 kW   Over 4,000 kW	358 61,681 159,855 0 0	435 63,886 154,590 0 0	779 67,110 169,632 0 0	855 71,120 163,888 0 0	178 79,182 171,821 0 0	485,912 109 83,712 177,589 0 0	726 85,898 190,536 0 0	170 89,855 185,835 0 0	618 87,432 169,473 0 0	488,753 513 84,242 181,872 0 0	458,737 1,032 75,981 175,791 0 0 0	448,666 799 67,676 182,018 0 0	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0	
178 179 180 181 182 183 184		Reactive Demand (KVar) Calendar Energy (MWh)  edula 895 GT 4,000 kW  Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Oiff-Peak Oiff-Peak Facility Capacity (kW) First 1,000 kW 1,001-4,000 kW Over 4,000 kW Demand (kW) On-Peak	358 61,681 159,855 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0	779 67,110 169,632 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0	3,830,402 5,629,781 6,6572 917,775 2,082,899 0 0 0 0 0 0	
178 179 180 181 182 183		Reactive Demand (KVar) Calendar Energy (MWh) edula 89S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Oif-Peak Oif-Peak Oif-Peak Oif-Peak Oif-Ook WW 1,001-4,000 kW Over 4,000 kW Demand (kW) On-Peak Oif-Peak Increment Reactive Demand (kVar)	358 61,681 159,855 0 0 0 0	435 63,886 154,590 0 0 0	779 67,110 169,632 0 0 0 0	855 71,120 163,888 0 0 0 0	178 79,182 171,821 0 0 0 0	485,912 109 83,712 177,589 0 0 0	726 85,898 190,536 0 0 0	170 89,855 185,835 0 0 0 0	618 87,432 169,473 0 0 0 0	488,753 513 84,242 181,872 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0	448,666 799 67,676 182,018 0 0 0	3,830,402 5,629,781 6,6572 917,775 2,082,899 0 0 0 0 0 0	
178 179 180 181 182 183 184 185 186 187		Reactive Demand (KVar) Calendar Energy (MWh) edule 89S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Off-Peak	358 61,681 159,855 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0	779 67,110 169,632 0 0 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177.589 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0	170 89,855 185,835	618 87,432 169,473 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0	3,830,402 5,629,781 6,6572 917,775 2,082,899 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
178 179 180 181 182 183 184 185 186 187	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Reactive Demand (KVar) Calendar Energy (MWh) edula 895 GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Oiff-Peak Oiff-Peak Facility Capacity (kW) First 1,000 kW 1,001-4,000 kW Over 4,000 kW Demand (kW) On-Peak Off-Peak Increment Reactive Demand (kVar) Calendar Energy (MWh)	358 61,681 159,855 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177.589 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181.872 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 7999 182,018 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,629,781 6,6572 917,775 2,082,899 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
178 179 180 181 182 183 184 185 186 187 188 189 190 191 192	III	Reactive Demand (KVar) Calendar Energy (MWh) edule 89S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Increment Reactive Demand (KW) Off-Peak Increment Reactive Demand (KWr) Customers - Three Phase Energy (MWh) On-Peak Customers - Three Phase Energy (MWh) On-Peak Off-Peak	358 61,681 159,855 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0	779 67,110 169,632 0 0 0 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 7999 67,676 182,018 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 0 0 0	
178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195	III	Reactive Demand (KVar) Calendar Energy (MWh) edule 98S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW I,001 4,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Facility Capacity (kW) First 200 kW Understand (KW) On-Peak Collendar Energy (MWh) Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW	358 61,681 159,855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 2 2 284 183 400	779 67,110 169,632 0 0 0 0 0 0 0 0 0 0 2 2 228 139 400	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 2 2 2 2 2 4 400	170 89,855 185,835 105,835 0 0 0 0 0 0 0 0 2 2 201 1117 400	618 87.432 169.473 0 0 0 0 0 0 0 0 0 0 2 2 200 123 400	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 2 2 170 113	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 2 4 2,724 1,861 4,800	
178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Reactive Demand (KVar) Calendar Energy (MWh) edule 98S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Facility Capacity (kW) On-Peak Off-Peak Gelendar Energy (MWh) Command (kW) Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Ore Phase Facility Capacity (kW) First 200 kW Ore Peak Off-Peak Facility Capacity (kW) First 200 kW Doward 0 kW	358 61,681 159,855  0 0 0 0 0 0 0 0 0 0 0 2 291 176 400 665	435 63,886 154,590 0 0 0 0 0 0 0 0 0 2 2 284 440 665	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 2 2 228 139 400 665	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79.182 171.821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 2 2 271 154	170 89,855 185,835 105,835 0 0 0 0 0 0 0 0 2 2 201 117 400 665	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0 2 2 200 123 400 665	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 2 4 2,724 1,661 4,800 7,980	
178 179 180 181 182 183 184 185 186 187 188 189 191 191 192 193 194 195 196 197 198 198	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Reactive Demand (KVar) Calendar Energy (MWh)  Gustomers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (KW) First 1,000 kW I,001-4,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Facility Capacity (KW) First 1,000 kW On-Peak Off-Peak Calendar Energy (MWh) On-Peak Off-Peak Facility Capacity (KW) First 200 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Facility Capacity (KW) First 200 kW Over 200 kW Oberand (KW) On-Peak Off-Peak Facility Capacity (KW) First 200 kW Over 200 kW Demand (KW) Off-Peak Off-Peak Off-Peak Off-Peak	358 61,681 159,855  0 0 0 0 0 0 0 0 0 0 0 0 2 291 175 400 665	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 2 2 228 139 400 665 788	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79.182 171.821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 2 2 271 154 400 665	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87.432 169.473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 24 2,724 1,661 4,800 7,980 9,412 9,12	
178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Reactive Demand (KVar) Calendar Energy (MWh) Customers - Single Phase Customers - Three Phase Customers - Three Phase Customers - Three Phase Customers - Three Phase Condense	358 61681 159.855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632 0 0 0 0 0 0 0 0 0 0 2 228 139 400 665 788	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 2 2 245 145 400 665 987	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,629,781 6,672 917,775 2,082,899 0 0 0 0 0 0 0 0 0 2 24 2,724 1,661 4,800 7,980 9,412	
178 179 180 181 181 182 183 184 185 186 187 188 199 191 192 193 194 195 196 197 199 200 201 202 202 202	School	Reactive Demand (KVar) Calendar Energy (MWh) edule 89S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW I,001 + Qood kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Increment Reactive Demand (KVar) Calendar Energy (MWh) On-Peak Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Over 200 kW Over 200 kW Over 200 kW On-Peak Off-Peak Galendar Energy (MWh) On-Peak Off-Peak Capacity (kW) First 200 kW Over 200 kW Obernand (KW) Off-Peak Galendar Energy (MWh) On-Peak Calendar Energy (MWh) Calendar Energy (MWh) Calendar Energy (MWh) Capacity (KW) First 200 kW Over 200 kW Obernand (KVar) Calendar Energy (MWh)	358 61,681 159,855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 2 2 228 228 400 665 788 788 408	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 245 145 145 145 145 145 145 145 145 145 1	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473  0 0 0 0 0 0 0 0 0 0 0 0 0 200 2200 2	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 2 170 170 170 171 1133 400 6655 5588 0 47 191	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 24 2,724 1,861 4,800 7,980 9,11,104 4,416	
178 179 180 181 181 182 183 184 185 186 187 190 191 192 193 194 195 197 198 199 200 201 202 203 204 205	Scholler	Reactive Demand (KVar) Calendar Energy (MWh)  Gustomers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (KW) First 1,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Off-Peak Off-Peak Reactive Demand (KWar) On-Peak Off-Peak Calendar Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Over 4,000 kW Ober 4,000 kW On-Peak Off-Peak Facility Capacity (kWh) First 200 kW Over 200 kW Over 200 kW Oberand (kW) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Over 200 kW Oberand (kW) Off-Peak Off-Peak Gelendar Energy (MWh) Calendar Energy (MWh) First 200 kW Oberand (kW) Ore-Peak Off-Peak Calendar Energy (MWh) Calendar Facility (All (KWh) First 200 kW Oberand (kWh) Off-Peak Off-Peak Off-Peak Calendar Energy (MWh) Calendar Strengy (MWh) Customers - Three Phase Energy (MWh)	358 61,681 159,855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 0 2 2 228 228 39 400 665 788 0 7	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 2 2 245 145 145 145 145 145 0 0 142 403	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 1 170 170 170 171 171	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 24 2,724 1,661 4,800 7,980 9,410 4,416	
1778 1779 180 181 182 183 184 185 186 187 190 191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207	(	Reactive Demand (KVar) Calendar Energy (MWh)  Gustomers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (KW) First 1,000 kW Over 4,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Facility Capacity (KW) First 1,000 kW On-Peak Off-Peak Facility Capacity (KW) First 1,000 kW On-Peak Off-Peak Facility Capacity (KW) First 200 kW On-Peak Off-Peak Facility Capacity (kW) First 200 kW Over 200 kW Over 200 kW Demand (KW) Off-Peak Callendar Energy (MWh) Off-Peak Off-Peak Increment Reactive Demand (KWar) Callendar Energy (MWh) Off-Peak Callendar Energy (MWh) Off-Peak Facility Capacity (KW) First 200 kW Obernand (KWar) Callendar Energy (MWh) Off-Peak Customers - Three Phase Energy (MWh) Off-Peak	358 61,681 159,855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 2 2 228 228 400 665 788 788 408	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 245 145 145 145 145 145 145 145 145 145 1	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473  0 0 0 0 0 0 0 0 0 0 0 0 0 200 2200 2	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 2 170 170 170 171 1133 400 6655 5588 0 47 191	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 24 2,724 1,861 4,800 7,980 9,11,104 4,416	
1778 1779 1800 1811 1821 1831 1844 1855 1890 1991 1991 1992 1993 1994 1995 1996 1997 1998 2000 2011 2022 203 2042 205 206 207 207 207 207 208 209 209 209 209 209 209 209 209 209 209	(	Reactive Demand (KVar) Calendar Energy (MWh) edule 89S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW On-Peak Off-Peak Reactive Demand (kWar) Calendar Energy (MWh) On-Peak Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Over 200 kW Over 200 kW Demand (kW) On-Peak Off-Peak Calendar Energy (MWh) On-Peak Calendar Energy (MWh) On-Peak Calendar Energy (MWh) On-Peak Customers - Three Phase Energy (MWh) On-Peak Off-Peak Increment Reactive Demand (kWar) Calendar Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Customers - Three Phase Energy (MWh) On-Peak Off-Peak	358 61.681 159.855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 0 0 2 22 228 3139 4300 6655 788 408	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 245 145 140 400 665 987 987 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 1707 1707 1710 1710 1710 0 0 0	3,830,402 5,629,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 0 24 2,724 1,861 4,800 7,980 9,11,104 4,416 0 0 0 0	
1778 1779 1800 1811 1821 1831 1842 1853 1864 1877 1888 1990 1911 1922 1933 1944 1955 1966 1977 2001 2012 2022 2033 2042 2056 2067 2077 2088 2099 2011 2012	(	Reactive Demand (KVar) Calendar Energy (MWh)  edule 98S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW On-Peak Off-Peak Calendar Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Over 200 kW Operand (KW) Off-Peak Calendar Energy (MWh) Off-Peak Calendar Energy (MWh) Off-Peak Calendar Energy (MWh) Off-Peak Calendar Energy (MWh) Off-Peak Facility Capacity (kW) First 200 kW Over 200 kW Operand (kWar) Calendar Energy (MWh) Off-Peak Off-Peak Off-Peak Off-Peak Facility Capacity (kWh) Off-Peak Off-Peak Facility Capacity (kWh) Off-Peak Facility Capacity (kW) In Off-Peak	358 61.681 159.855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 22 245 145 400 665 987 0 142 403	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 200 123 400 605 726 0 167 304	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 1 1707 113 400 6655 558 0 477 191 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,622,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
1778 1779 1800 1831 1832 1833 1834 1855 1866 1877 1888 1990 1911 1922 1933 1946 1979 2001 2022 2033 2042 2055 2062 2072 2088 2092 2093 2094 2094 2095 2097 2097 2098 2097 2098 2097 2097 2098 2097 2098 2097 2097 2098 2097 2097 2098 2097 2097 2098 2097 2097 2097 2097 2097 2097 2097 2097	(	Reactive Demand (KVar) Calendar Energy (MWh) edule 98S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW On-Peak Off-Peak Reactive Demand (kWar) Off-Peak Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 200 kW Over 200 kW Over 200 kW Over 200 kW Oreand (kW) Off-Peak Gelendar Energy (MWh) Off-Peak Customers - Three Phase Facility Capacity (kW) First 200 kW Over 200 kW Over 200 kW Over 200 kW Demand (kW) Off-Peak Gelendar Energy (MWh) Off-Peak Off-Peak Facility Capacity (kW) First 200 kW Over 200 kW Obernand (kWar) Off-Peak Off-Peak Facility Capacity (kWh) First 200 kW Oreand (kW) Off-Peak Facility Capacity (kW) First 200 kW Oreand (kW) Off-Peak Facility Capacity (kW) First 100 kW Other 100 kW Off-Peak Facility Capacity (kW) First 100 kW Off-Peak	358 61681 159.855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 170 170 170 170 170	3,830,402 5,629,781 6,6572 917,7759 2,082,899 0 0 0 0 0 0 0 0 0 24 2,724 1,861 4,800 7,980 9,11,104 4,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
1778 1779 1780 1781 1880 1881 1885 1886 1879 1981 1992 1993 1994 1995 2000 2011 2022 2033 2042 2055 206 207 208 209 210 2111 2112 2113 214	(	Reactive Demand (KVar) Calendar Energy (MWh) edule 89S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Increment Reactive Demand (kWr) On-Peak Off-Peak Increment Reactive Demand (KW) First 200 kW Over 4,000 kW Over 5,000 kW Over 5,000 kW Over 8,000 kW Over 8,000 kW Over 9,000 kW	358 61681 159,855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 0 170,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,629,781 6,672 917,775 2,082,899 0 0 0 0 0 0 0 0 0 0 0 24 2,724 1,861 4,800 7,980 9,11,104 4,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
1778 1779 1780 1810 1811 1822 1833 1843 1855 1866 1877 1891 1992 1993 1994 1995 1997 2002 2033 1994 2010 2012 2022 2033 2040 2055 2077 2088 2077 2088 2099 2110 2112 2123 2134 2155 2162 2172	(	Reactive Demand (KVar) Calendar Energy (MWh) edule 89S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Increment Reactive Demand (KWr) Customers - Three Phase Energy (MWh) On-Peak Off-Peak Increment Reactive Demand (KWr) First 200 kW Over 200 kW Ore 200 kW Ore 200 kW Over 200 kW Ore 200 kW Over 300 kW Over 4,000 kW	358 61.681 159.855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87.432 169.473 109	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 1 170 113 400 6655 558 0 0 47 191 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,622,781 6,572 917,775 2,082,899 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
1778 1779 1780 1810 1811 1822 1833 1843 1855 1866 1877 1891 1992 1993 1994 1995 1997 2002 2033 1994 2010 2012 2022 2033 2040 2055 2077 2088 2077 2088 2099 2110 2112 2123 2134 2155 2162 2172		Reactive Demand (KVar) Calendar Energy (MWh) edule 89S GT 4,000 kW Customers - Single Phase Customers - Three Phase Energy (MWh) On-Peak Off-Peak Facility Capacity (kW) First 1,000 kW Over 4,000 kW Over 4,000 kW Over 4,000 kW On-Peak Off-Peak Increment Reactive Demand (kWr) On-Peak Off-Peak Increment Reactive Demand (KW) First 200 kW Over 4,000 kW Over 5,000 kW Over 5,000 kW Over 8,000 kW Over 8,000 kW Over 9,000 kW	358 61681 159,855 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	435 63,886 154,590 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	779 67,110 169,632  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	855 71,120 163,888 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178 79,182 171,821 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	485,912 109 83,712 177,589 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	726 85,898 190,536 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170 89,855 185,835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	618 87,432 169,473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	488,753 513 84,242 181,872 0 0 0 0 0 0 0 0 0 0 0 0 0	458,737 1,032 75,981 175,791 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	448,666 799 67,676 182,018 0 0 0 0 0 0 0 0 0 0 0 170,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,830,402 5,629,781 6,672 917,775 2,082,899 0 0 0 0 0 0 0 0 0 0 0 24 2,724 1,861 4,800 7,980 9,11,104 4,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

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222	Α	B C D Off-Peak	E 19.023	F 18,660	G 18,093	H 17.703	17,142	J 18.253	K 17.727	L 18,271	M 19,035	N 16.961	O 16.947	P 17,709	Q 215.525	R
223		Facility Capacity (kW)														
224	$\dashv$	First 200 kW Over 200 kW	36,800 125,265	36,800 127,093	36,800 120,211	37,000 121,791	37,000 132,183	37,000 125,637	37,000 124,492	37,000 127,921	37,200 128,262	37,400 123,987	37,400 125,107	37,400 113,857	444,800 1,495,806	
226		Demand (kW)														
227	-	On-peak Off-peak increment	123,694 279	125,118 267	118,969 1,058	121,228 260	129,787 164	124,440 100	123,638 104	126,145 177	126,863 14	122,803 898	123,508 1,284	115,108 254	1,481,301 4,859	
229		Reactive Demand (kVar)	19,674	18,542	18,998	20,012	22,615	23,081	22,012	23,552	23,636	22,417	20,691	19,250	254,480	
230	-	Calendar Energy (MWh)	60,069	46,621	53,998	49,804	49,353	50,602	52,191	55,574	49,913	49,406	43,251	33,472	594,254	
232		edule 89P GT 4,000 kW														
233	- 1	Customers - Three Phase Energy (MWh)	11	11	11	11	11	11	11	11	11	11	11	11	132	
235	ď	On-Peak	19,591	18,828	18,710	18,734	19,660	19,895	19,599	21,155	22,319	20,755	19,653	20,046	238,945	
236	_	Off-Peak Facility Capacity (kW)	12,928	13,336	12,560	12,454	13,669	13,453	12,992	14,607	14,997	13,995	13,403	13,836	162,231	
238		First 1,000 kW	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000	
239	4	1,001-4,000 kW Over 4,000 kW	30,000	30,000	30,000	30,000 37,089	30,000 41,875	30,000	30,000	30,000	30,000	30,000	30,000 46,126	30,000	360,000 480,157	
241		Demand (kW)	35,264	37,718	35,729			39,369	36,941	39,470	40,849	42,795		46,932		
242	4	On-peak	59,822 441	63,386 921	59,428 260	64,311	68,144 278	69,495 811	70,236	73,527 49	72,469 316	73,239 879	73,346 806	73,086 330	820,489 5,091	
244		Off-peak increment Reactive Demand (kVar)	4,579	4,336	3,728	4,969	5,731	5,698	6,729	6,901	6,190	6,578	6,639	4,891	66,969	
245		Calendar Energy (MWh)	35,157	30,513	32,636	31,157	33,385	32,750	32,813	36,735	35,349	34,628	30,498	26,978	392,599	
247	Sch	edule 90P												203.39		
248		Customers - Three Phase	4	4	4	4	4	4	4	4	4	4	4	4	48	
249 250	۲	Energy (MWh) On-Peak	88,321	83,739	82,682	89,646	83,328	90,882	88,465	90,853	97,691	92,097	89,648	93,286	1,070,638	
251	7	Off-Peak Facility Capacity (kW)	63,415	65,548	61,528	64,022	66,120	64,640	63,396	69,741	68,342	66,154	69,717	67,806	790,429	
253	=	First 1,000 kW	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	24,000	
254	4	1,001-4,000 kW Over 4,000 kW	6,000 212,499	6,000 212,499	6,000 212,499	6,000 213,018	6,000 213,471	6,000 220,319	6,000 233,106	6,000 238,530	6,000 242,838	6,000 243,826	6,000 243,826	6,000 243,826	72,000 2,730,257	
256		Demand (kW)														
257	-[	On-peak Off-peak increment	213,009	208,768 58	195,580 0	215,243	214,723	231,524	244,777	242,373	250,990 0	246,529 0	224,274 27	213,834	2,701,624 85	
259		Reactive Demand (kVar)	1,867	10,044	1	1,556	447	736	844	893	741	1,322	286	2,699	21,436	
260	-	Calendar Energy (MWh)	149,287	144,211	153,668	149,448	155,522	151,861	160,595	166,032	158,251	159,364	161,091	157,897	1,867,228	
262	Sch	edule 89T														
263		Customers - Three Phase Energy (MWh)	5	5	5	5	5	5	5	5	5	5	5	5	60	
265		On-Peak	3,428	3,394	3,427	3,622	3,447	3,425	3,387	3,229	3,394	3,389	3,499	3,362	41,003	
266	-	Off-Peak Facility Capacity (kW)	1,846	1,998	1,853	1,835	1,827	1,784	1,676	1,741	1,808	1,708	1,865	1,815	21,755	
268		First 1,000 kW	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000	
269	+	1,001-4,000 kW Over 4,000 kW	15,000 9,659	180,000 115,908												
271		Demand (kW)														
272	-	On-Peak Off-Peak Increment	26,409 0	28,780 0	22,458 0	22,804	22,992	24,221	22,393 0	18,355 0	21,137	22,507	21,167	19,298 0	272,521	
274		Reactive Demand (kVar)	2,427	2,392	2,240	2,889	3,136	2,947	2,970	2,881	2,600	2,827	2,712	2,361	32,382	
275	-	Calendar Energy (MWh)	5,392	5,279	5,457	5,274	5,209	5,063	4,970	5,202	5,097	5,364	5,177	4,874	62,359	
		tial Requirements														
278		Schedule 75 Customers	0	0	0	0	0	0	0	0	0	0	0	0	0	
280		Energy (MWh)														
281	+	On-Peak Off-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
283		Facility Capacity (kW)														
284	+	First 1,000 kW 1,001-4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
286 287	4	Over 4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
288	-	Demand (kW) On-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
289	7	Off-Peak Increment Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
291		Calendar Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
292 293		Schedule 76	0	0	0	0	0	0	0	0	0	0	0	0	0	
293		Customers Energy (MWh)														
295 296	7	On-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
297		Off-Peak Facility Capacity (kW)			0			0	0		0	0				
298	7	First 1,000 kW 1,001-4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
300		Over 4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
301	7	Demand (kW) On-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
303		Off-Peak Increment	0	0	0	0	0	0	0	0	0	0	0	0	0	
304		Reactive Demand (kVar) Calendar Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
306			J	J	J	U	J	J	J	J	Ü	J	J	J	•	
307		edule 91 Customers	191	191	191	191	191	191	191	191	191	191	191	191	2,292	
309		Energy (MWh)	2,266	2,262	2,257	2,252	2,248	2,243	2,238	2,234	2,229	2,224	2,220	2,215	26,888	
310	-	Calendar Energy (MWh)	2,882	2,463	2,337	1,955	1,748	1,554	1,675	1,914	2,146	2,533	2,721	2,960	26,888	
		edule 92														
313		Customers Energy (MWh)	16 208	16 214	16 206	16 210	16 209	16 210	16 208	16 207	16 206	16 210	16 204	16 205	192 2,496	
315		Calendar Energy (MWh)	214	206	210	209	210	208	208 207	206	210	204	205	208	2,496	
316	Sch	edule 95 LED Streetlights				+					+					
318		Customers	12	12	12	12	12	12	12	12	12	12	12	12	144	
319	-	Energy (MWh) Calendar Energy (MWh)	1,957 2,540	1,960 2,170	1,964 2,059	1,967 1,723	1,970 1,540	1,973 1,370	1,976 1,476	1,979 1,687	1,982 1,891	1,986 2,232	1,989 2,398	1,992 2,609	23,695 23,695	
321					,			/	,	,	/	,	/	7	.,	

A B C D	F	F	G	н		J. I	К		М	N	0	Р	0	R
322 Total PGE (Annual)														
323 Customers	896,577	897.328	898.166	899.076	902,435	903.352	904.285	905.451	906,439	907.576	906.027	906.944	10.833.656	
324 Energy (MWh)	1,734,813	1,576,977	1,490,333	1,365,993	1,287,530	1,315,764	1,368,233	1,456,064	1,460,121	1,297,798	1,342,997	1,615,761	17,312,384	
325 Facility Capacity (kW)	1,918,290	1,916,057	1,895,262	1,895,331	1,974,082	2,019,013	2,061,656	2,115,712	2,121,352	2,072,380	1,972,786	1,941,637	23,903,558	
326 Demand (kW)	1,574,277	1,572,832	1,533,888	1,557,764	1,620,631	1,673,113	1,710,366	1,743,517	1,754,333	1,711,488	1,605,632	1,566,115	19,623,956	
327 Reactive Demand (kVar)	129,352	139,210	134,370	145,930	162,529	171,055	176,924	184,122	179,783	174,272	155,187	152,904	1,905,638	
328 Calendar Energy (MWh)	1,652,229	1,419,539	1,470,521	1,334,607	1,327,593	1,318,279	1,463,698	1,480,291	1,326,881	1,360,990	1,458,763	1,698,112	17,311,501	
329														
330														
331														
332 Total (VP)														
333 Customers	0	0	0	0	0	0	0	0	0	0	0	0	0	
334 Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
335 Facility Capacity (kW)	0	0	0	0	0	0	0	0	0	0	0	0	0	
336 Demand (kW)	0	0	0	0	0	0	0	0	0	0	0	0	0	
337 Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
338 Calendar Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
339														
340 Total Direct Access														
341 Customers	301	301	301	301	301	301	301	301	301	301	301	301	3,612	
342 Energy (MWh)	171,126	164,729	163,184	164,618	169,801	175,541	179,928	187,256	192,477	176,590	169,506	173,371	2,088,126	
343 Facility Capacity (kW)	359,777	358,950	355,056	363,496	377,706	382,989	388,561	396,315	393,639	382,163	372,161	364,016	4,494,829	
344 Demand (kW)	294,512	292,078	285,442	305,866	324,434	334,785	339,558	349,535	350,101	335,861	324,472	303,779	3,840,423	
345 Reactive Demand (kVar)	45,970	40,230	41,418	44,647	55,841	51,820	56,155	57,638	56,129	54,814	50,025	47,567	602,254	
346 Calendar Energy (MWh) 347	177,702	155,333	170,120	166,935	175,741	177,223	187,942	194,522	180,940	179,582	168,900	153,691	2,088,633	
348 Total PGE & Direct Access														
	000 070	007.000	000 407	000 077	000 700	000.050	004.500	005.750	000 740	007.077	906.328	007.045	40.007.000	
349 Customers 350 Energy (MWh)	896,878 1.905,939	897,629 1,741,706	898,467 1.653,517	899,377 1.530.611	902,736	903,653	904,586 1.548.161	905,752 1.643.320	906,740 1.652,598	907,877	1,512,503	907,245 1,789,132	10,837,268 19,400,511	
	1,905,939													
351 Facility Capacity (kW) 352 Demand (kW)	1.868.789	2,275,007 1.864.910	2,250,318 1,819,330	2,258,827 1.863.630	2,351,788 1,945,065	2,402,002	2,450,217 2.049,924	2,512,027	2,514,991 2,104,434	2,454,543	2,344,947 1,930,104	2,305,653 1,869,894	28,398,387 23,464,379	
	175.322	179,440	175,788	190,577	218.370	222.875	2,049,924	241,760	2,104,434	229.086	205,212	200,471	23,464,379	
353 Reactive Demand (kVar) 354 Calendar Energy (MWh)	1,829,931	1.574.872	1,640,641	1.501.542	1.503.334	1.495.502	1.651.640	1.674.813	1.507.821	1.540.572	1.627.663	1.851.803	19.400.134	
334 Calendar Energy (MWN)	1,829,931	1,5/4,8/2	1,040,641	1,501,542	1,503,334	1,495,502	1,001,1640	1,0/4,813	1,507,821	1,540,572	1,027,663	1,031,803	19,400,134	

Н	A I	в с	D	Е	F	G	Н	ı	J	K	L	М	N	0	Р	Q
2	+															
3	+															
4	$\top$															
5	Sch	nedule	9	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6																
7			485S 201-4,000 kW V2003													
8			ners - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
9			ners - Three Phase	2	2	2	2	2	2	2	2	2	2	2	2	24
10	E		(MWh)	600	FCF	575	594	540	574	000	647	696	650	598	551	7,278
11 12	+		Peak Peak	340	565 362	336	341	322	353	686 407	392	448	392	367	396	4,456
13	F		Capacity (kW)	340	302	330	341	322	333	407	332	440	332	307	330	4,430
14	Ť		t 200 kW	400	400	400	400	400	400	400	400	400	400	400	400	4,800
15	T	Ove	er 200 kW	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	21,708
16	0		nd (kW)													
17	_		Peak	1,665	1,704	1,676	1,781	1,699	1,979	1,988	2,141	2,193	2,002	1,873	1,839	22,540
18	_		Peak Increment	0	0	0	0	47	0	0	0	39	8	46	32	172
19 20			ve Demand (kVar) lar Energy (MWh)	432 852	414 836	416 905	423 931	406 902	522 948	516 1,171	508 1,042	510 1,037	552 1,098	493 1,025	422 997	5,614 11,743
21	_	Jalenu	lai Eriergy (WWII)	002	030	900	931	302	340	1,171	1,042	1,007	1,000	1,020	331	11,745
	Sch	nedule	e 485S 201-4,000 kW V2010													
23			ners - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
24	C	Custon	ners - Three Phase	8	8	8	8	8	8	8	8	8	8	8	8	96
25	E		(MWh)													
26	_		Peak	1,547	1,558	1,498	1,565	1,586	1,663	1,622	1,652	1,751	1,524	1,492	1,578	19,036
27 28			Peak Capacity (kW)	1,058	1,117	1,048	1,096	1,084	1,177	1,137	1,143	1,241	1,030	1,016	1,056	13,204
28	- 1		t 200 kW	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	19,200
30	+		er 200 kW	4,521	4,527	4,873	5,045	4,987	5,024	4,941	5,433	5,289	4,995	4,690	4,546	58,871
31	С		nd (kW)	,	,-	,	-,-	, ,	- /-			-,	, , , , ,	, , , , ,	, ,	7
32			Peak	4,704	4,697	4,933	5,125	5,047	5,104	5,043	5,409	5,312	4,990	4,857	4,749	59,970
33			Peak Increment	18	30	61	1	36	7	3	15	0	98	0	0	269
34			ve Demand (kVar)	496	435	495	457	569	520	547	508	480	497	453	500	5,957
35	_ (	Jalend	lar Energy (MWh)	2,363	2,412	2,528	2,647	2,793	2,904	2,954	2,803	2,711	2,692	2,662	2,772	32,243
36 37	Sch	hodule	e 485S 201-4,000 kW V2011													
38			ners - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
39			ners - Three Phase	8	8	8	8	8	8	8	8	8	8	8	8	96
40			(MWh)													
41			Peak	1,910	1,771	1,789	1,776	1,736	1,797	1,950	1,980	2,049	1,844	1,751	1,800	22,152
42	4		Peak	992	974	948	947	925	998	1,067	1,066	1,110	983	971	1,032	12,011
43 44	- 1		Capacity (kW) t 200 kW	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	19,200
45	+		er 200 kW	5,262	5,226	5,307	5,509	5,726	6,334	7,049	6,844	7,004	6,524	5,684	5,356	71,825
46	С		nd (kW)	0,202	0,220	0,001	0,000	0,720	0,004	1,040	0,044	7,004	0,024	0,004	0,000	71,020
47			Peak	5,261	5,214	5,320	5,495	5,716	6,219	6,664	6,572	6,715	6,336	5,644	5,372	70,528
48			Peak Increment	0	23	0	25	0	0	111	0	3	33	0	0	195
49			ve Demand (kVar)	57	47	67	104	394	651	633	663	662	605	319	109	4,311
50	C	Calend	lar Energy (MWh)	2,632	2,476	2,718	2,709	2,782	2,857	3,231	3,054	2,862	2,979	2,889	2,980	34,170
51 52	Sch	hedule	e 485S 201-4,000 kW V2012													
53			ners - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
54			ners - Three Phase	99	99	99	99	99	99	99	99	99	99	99	99	1,188
55		nergy	(MWh)													
56	Ţ		Peak	10,340	9,954	9,922	9,475	9,570	10,275	10,588	10,847	11,042	9,750	9,529	10,357	121,648
57	1		Peak	6,014	6,134	5,892	5,547	5,593	5,932	5,946	6,074	6,232	5,531	5,608	6,336	70,838
58	F		Capacity (kW)	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	237.600
59 60	+		t 200 kW er 200 kW	19,800 23,105	19,800 22,619	19,800 21,850	19,800 22,503	19,800 25,683	19,800 26,702	19,800 27,735	19,800 29,725	19,800 28,111	19,800 25,240	19,800 23,026	19,800 23,410	299,709
61	Г		nd (kW)	20,100	22,019	۷۱٫۵۵∪	22,003	20,003	20,702	۵۱,۱۵۵	23,123	20,111	20,240	20,020	20,410	200,100
62	+		Peak	33,142	33,073	32,278	32,715	35,338	36,169	36,688	38,715	37,466	34,944	33,146	33,580	417,254
63								278	249	540	62	56	323	388	255	3,457
			Peak Increment	440	123	334	409									
64		Off- Reactiv	Peak Increment ve Demand (kVar)	440 934	1,054	1,194	1,286	2,402	2,982	3,223	3,217	3,173	2,649	1,688	1,402	25,204
64 65		Off- Reactiv	Peak Increment	440					2,982 16,572	3,223 17,705		3,173 15,651	2,649 16,104	1,688 16,067	1,402 17,563	25,204 192,486
64	C	Off- Reactiv Calend	Peak Increment ve Demand (kVar) lar Energy (MWh)	440 934	1,054	1,194	1,286	2,402			3,217					
64 65 66 67	Sch	Off- Reactive Calend hedule	Peak Increment ve Demand (kVar) lar Energy (MWh) e 485S 201-4,000 kW V2013	440 934 14,836	1,054 14,511	1,194 15,705	1,286 14,946	2,402 15,860	16,572	17,705	3,217 16,966	15,651	16,104	16,067	17,563	192,486
64 65 66 67 68	Sch	Off- Reactive Calend hedule	Peak Increment ve Demand (kVar) lar Energy (MWh) 2 485S 201-4,000 kW V2013 ners - Single Phase	934 14,836	1,054 14,511	1,194 15,705	1,286 14,946	2,402 15,860	16,572	17,705	3,217 16,966	15,651	16,104	16,067	17,563	192,486
64 65 66 67 68 69	Sch	Off- Reactiv Calend hedule Custon	Peak Increment ve Demand (kVar) lar Energy (MWh) 485S 201-4,000 kW V2013 ners - Single Phase ners - Three Phase	440 934 14,836	1,054 14,511	1,194 15,705	1,286 14,946	2,402 15,860	16,572	17,705	3,217 16,966	15,651	16,104	16,067	17,563	192,486
64 65 66 67 68	Sch	Off- Reactiv Calend hedule Custon Custon Energy	Peak Increment ve Demand (kVar) lar Energy (MWh) 2 485S 201-4,000 kW V2013 ners - Single Phase	934 14,836	1,054 14,511	1,194 15,705	1,286 14,946	2,402 15,860	16,572	17,705	3,217 16,966	15,651	16,104	16,067	17,563	192,486
64 65 66 67 68 69 70 71 72	Sch	Off- Reactiv Calend hedule Custon Custon Energy On- Off-	Peak Increment ve Demand (kVar) lar Energy (MWh) 485S 201-4,000 kW V2013 ners - Single Phase ners - Three Phase (MWh) Peak Peak	440 934 14,836 0 32	1,054 14,511 0 32	1,194 15,705 0 32	1,286 14,946 0 32	2,402 15,860 0 32	16,572 0 32	17,705 0 32	3,217 16,966 0 32	15,651 0 32	16,104 0 32	16,067 0 32	17,563 0 32	192,486 0 384
64 65 66 67 68 69 70 71 72 73	Sch	Off-Reactiv Calend hedule Custon Custon Energy On- Off- Facility	Peak Increment  ve Demand (kVar) lar Energy (MWh)  a 485S 201-4,000 kW V2013 ners - Single Phase ners - Three Phase (fMWh) Peak Peak Capacity (kW)	440 934 14,836 0 32 5,542 3,549	1,054 14,511 0 32 5,147 3,382	1,194 15,705 0 32 5,184 3,309	1,286 14,946 0 32 5,069 3,226	2,402 15,860 0 32 5,161 3,384	16,572 0 32 5,490 3,412	17,705 0 32 5,645 3,503	3,217 16,966 0 32 6,135 3,831	15,651 0 32 6,391 3,943	16,104 0 32 5,771 3,558	16,067 0 32 5,215 3,248	17,563 0 32 5,095 3,339	192,486 0 384 65,846 41,683
64 65 66 67 68 69 70 71 72 73	Sch	Off- Reactive Calend Calend Custon Custon Energy On- Off- Cacility First	Peak Increment  ve Demand (kVar) lara Energy (MWh)  e 3 485S 201-4,000 kW V2013 ners - Single Phase ners - Three Phase ((MWh) Peak Peak Peak Capacity (kW) 1200 kW	440 934 14,836 0 32 5,542 3,549 6,400	1,054 14,511 0 32 5,147 3,382 6,400	1,194 15,705 0 32 5,184 3,309 6,400	1,286 14,946 0 32 5,069 3,226 6,400	2,402 15,860 0 32 5,161 3,384 6,400	16,572 0 32 5,490 3,412 6,400	17,705 0 32 5,645 3,503 6,400	3,217 16,966 0 32 6,135 3,831 6,400	0 32 6,391 3,943 6,400	16,104 0 32 5,771 3,558 6,400	16,067 0 32 5,215 3,248 6,400	17,563 0 32 5,095 3,339 6,400	192,486 0 384 65,846 41,683 76,800
64 65 66 67 68 69 70 71 72 73 74	Sch C C	Off- Reactive Calend Custon Custon Energy On- Off- Facility Ove	Peak Increment ve Demand (kVar) lar Energy (MWh)  485S 201-4,000 kW V2013 ners - Single Phase ners - Three Phase (MWh) Peak Peak Capacity (kW) t 200 kW	440 934 14,836 0 32 5,542 3,549	1,054 14,511 0 32 5,147 3,382	1,194 15,705 0 32 5,184 3,309	1,286 14,946 0 32 5,069 3,226	2,402 15,860 0 32 5,161 3,384	16,572 0 32 5,490 3,412	17,705 0 32 5,645 3,503	3,217 16,966 0 32 6,135 3,831	15,651 0 32 6,391 3,943	16,104 0 32 5,771 3,558	16,067 0 32 5,215 3,248	17,563 0 32 5,095 3,339	192,486 0 384 65,846 41,683
64 65 66 67 68 69 70 71 72 73 74 75	Sch C C	Off- Calend Custon Cust	Peak Increment ve Demand (kVar) lar Energy (MWh)  e 485S 201-4,000 kW V2013 ners - Single Phase ners - Three Phase (fMWh) Peak Peak Peak 1200 kW 1200 kW of 200 kW	440 934 14,836 0 32 5,542 3,549 6,400 12,999	1,054 14,511 0 32 5,147 3,382 6,400 12,893	1,194 15,705 0 32 5,184 3,309 6,400 13,475	1,286 14,946 0 32 5,069 3,226 6,400 13,490	2,402 15,860 0 32 5,161 3,384 6,400 14,927	16,572 0 32 5,490 3,412 6,400 17,037	17,705 0 32 5,645 3,503 6,400 17,897	3,217 16,966 0 32 6,135 3,831 6,400 18,848	0 32 6,391 3,943 6,400 18,610	16,104 0 32 5,771 3,558 6,400 17,813	16,067 0 32 5,215 3,248 6,400 15,624	17,563 0 32 5,095 3,339 6,400 13,967	192,486 0 384 65,846 41,683 76,800 187,580
64 65 66 67 68 69 70 71 72 73 74 75 76	Sch C C	Off- Calend Calend Calend Caston Custon Custon Con- Off- Con- Custon Cus	Peak Increment  ve Demand (kVar) lara Energy (MWh)  e 485S 201-4,000 kW V2013 ners - Single Phase ners - Three Phase (/MWh) Peak Peak Capacity (kW) 1200 kW did (kW) Peak	440 934 14,836 0 32 5,542 3,549 6,400 12,999	1,054 14,511 0 32 5,147 3,382 6,400 12,893	1,194 15,705 0 32 5,184 3,309 6,400 13,475	1,286 14,946 0 32 5,069 3,226 6,400 13,490	2,402 15,860 0 32 5,161 3,384 6,400 14,927	16,572 0 32 5,490 3,412 6,400 17,037	17,705 0 32 5,645 3,503 6,400 17,897 18,710	3,217 16,966 0 32 6,135 3,831 6,400 18,848	0 32 6,391 3,943 6,400 18,610	16,104 0 32 5,771 3,558 6,400 17,813	16,067 0 32 5,215 3,248 6,400 15,624 17,149	17,563 0 32 5,095 3,339 6,400 13,967	0 384 65,846 41,683 76,800 187,580 205,520
64 65 66 67 68 69 70 71 72 73 74 75	Sch CC CC F	Off- Custon Cust	Peak Increment ve Demand (kVar) lar Energy (MWh)  e 485S 201-4,000 kW V2013 ners - Single Phase ners - Three Phase (fMWh) Peak Peak Peak 1200 kW 1200 kW of 200 kW	440 934 14,836 0 32 5,542 3,549 6,400 12,999	1,054 14,511 0 32 5,147 3,382 6,400 12,893	1,194 15,705 0 32 5,184 3,309 6,400 13,475	1,286 14,946 0 32 5,069 3,226 6,400 13,490	2,402 15,860 0 32 5,161 3,384 6,400 14,927	16,572 0 32 5,490 3,412 6,400 17,037	17,705 0 32 5,645 3,503 6,400 17,897	3,217 16,966 0 32 6,135 3,831 6,400 18,848	0 32 6,391 3,943 6,400 18,610	16,104 0 32 5,771 3,558 6,400 17,813	16,067 0 32 5,215 3,248 6,400 15,624	17,563 0 32 5,095 3,339 6,400 13,967	192,486 0 384 65,846 41,683 76,800 187,580

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81						- ''		J	K		IVI	IN	U	'	
82		nedule 485S 201-4,000 kW V2014 Customers - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
84	C	Customers - Three Phase	3	3	3	3	3	3	3	3	3	3	3	3	36
85 86	-	Energy (MWh) On-Peak	326	451	564	580	553	555	530	605	524	556	561	405	6,210
87 88	_	Off-Peak Facility Capacity (kW)	236	328	421	455	408	406	406	457	388	404	444	304	4,656
89	ľ	First 200 kW	600	600	600	600	600	600	600	600	600	600	600	600	7,200
90	С	Over 200 kW Demand (kW)	1,665	1,616	1,663	1,703	1,725	2,296	1,705	2,144	1,569	1,595	1,615	1,525	20,821
92	Ī	On-Peak	1,796	1,660	1,747	1,813	1,892	2,291	1,908	2,218	1,790	1,820	1,834	1,707	22,476
93 94	R	Off-Peak Increment Reactive Demand (kVar)	7 294	87 269	50 258	42 244	0 259	11 358	5 302	45 415	17 371	23 334	10 281	9 290	306 3,675
95 96		Calendar Energy (MWh)	510	703	978	1,030	1,005	982	1,003	1,064	827	1,011	1,066	746	10,925
	Sch	nedule 485S 201-4,000 kW V2015													
98 99		Customers - Single Phase Customers - Three Phase	0	0	0	0	0	0	0	0	0	0	0	0	0 12
100		nergy (MWh)													
101 102	+	On-Peak Off-Peak	230 136	218 117	231 139	233 124	243 131	267 141	285 180	289 159	266 146	273 176	251 139	257 149	3,043 1,736
103	F	acility Capacity (kW)													
104 105	+	First 200 kW Over 200 kW	200 749	2,400 8,988											
106	C	Demand (kW)													
107 108	+	On-Peak Off-Peak Increment	754 5	810 0	843 0	894 0	889 0	881 0	916 1	976 0	904	922 0	871 0	873 0	10,533 6
109 110		Reactive Demand (kVar) Calendar Energy (MWh)	247 332	212 302	222 367	223 355	227 391	234 417	221 498	216 449	229 373	216 474	214 414	217 427	2,678 4,799
111			332	302	307	300	381	417	490	449	313	4/4	414	421	4,133
112		nedule 485S 201-4,000 kW V2016 Customers - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
114	C	Customers - Three Phase	7	7	7	7	7	7	7	7	7	7	7	7	84
115 116	E	Energy (MWh) On-Peak	610	564	589	599	595	648	649	693	704	659	615	643	7,568
117	ļ	Off-Peak	392	371	380	391	384	418	416	446	448	418	403	419	4,885
118 119		Facility Capacity (kW) First 200 kW	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	16,800
120 121	_	Over 200 kW Demand (kW)	686	679	703	769	749	734	736	745	725	750	764	731	8,771
122	L	On-Peak	1,621	1,632	1,669	1,756	1,774	1,966	2,093	2,099	2,118	2,012	1,804	1,796	22,340
123 124	R	Off-Peak Increment Reactive Demand (kVar)	31	32	33	43	0 58	6 60	11 78	8 77	77	6 64	10 50	0 46	41 649
125		Calendar Energy (MWh)	908	843	963	984	1,025	1,090	1,140	1,142	1,044	1,135	1,081	1,117	12,471
126 127	Sch	nedule 485S 201-4,000 kW V2017													
128	C	Customers - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
129 130		Customers - Three Phase Energy (MWh)	38	38	38	38	38	38	38	38	38	38	38	38	456
131 132		On-Peak Off-Peak	5,914 4,153	5,133 3,185	5,296 3,200	5,088 3,202	5,177 3,391	5,363 3,298	5,434 3,317	5,651 3,507	5,661 3,355	5,205 3,170	4,992 3,106	5,340 3,406	64,254 40,291
133	F	Facility Capacity (kW)												,	40,291
134 135	+	First 200 kW Over 200 kW	7,600 12,212	7,600 12,445	7,600 12,416	7,600 12,385	7,600 12,697	7,600 14,006	7,600 14,541	7,600 14,989	7,600 14,167	7,600 13,829	7,600 12,110	7,600 11,593	91,200 157,390
136	С	Demand (kW)													
137 138	+	On-Peak Off-Peak Increment	15,438 4	15,580 44	15,575 25	15,322 259	15,689 140	16,741 115	16,970 307	17,610 19	16,982 8	16,422 295	15,327 51	14,926 47	192,582 1,314
139		Reactive Demand (kVar)	271	318	342	477	495	578	659	644	633	498	322	311	5,548
140 141	-	Calendar Energy (MWh)	9,132	7,502	8,438	8,248	8,962	8,855	9,372	9,184	8,169	8,826	8,595	9,201	104,486
142		nedule 485S 201-4,000 kW V2018 Customers - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
144	C	Customers - Three Phase	26	26	26	26	26	26	26	26	26	26	26	26	312
145 146	E	Energy (MWh) On-Peak	3,356	3,036	3,123	3,044	3,066	3,297	3,517	3,589	3,660	3,238	3,064	3,238	39,230
147	ļ	Off-Peak	2,112	1,958	1,985	1,949	1,904	2,065	2,189	2,169	2,243	1,989	1,847	2,051	24,462
148 149	F	Facility Capacity (kW) First 200 kW	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	62,400
150 151	Ţ	Over 200 kW Demand (kW)	8,003	7,759	7,694	8,016	8,874	9,572	10,554	10,912	10,770	9,521	8,623	8,350	108,648
152	ľ	On-Peak	6,345	6,298	6,160	6,289	6,626	6,950	7,131	7,415	7,414	7,082	6,863	6,630	81,203
153 154	R	Off-Peak Increment Reactive Demand (kVar)	4,010 745	3,866 781	3,953 831	4,076 846	4,413 1,091	4,636 1,204	5,226 1,321	5,222 1,282	5,111 1,166	4,464 1,074	3,978 923	3,998 856	52,953 12,120
155		Calendar Energy (MWh)	4,961	4,504	5,073	4,968	5,199	5,483	6,110	5,774	5,348	5,509	5,213	5,565	63,708
156 157	Sch	nedule 485S 201-4,000 kW V2019													
158	C	Customers - Single Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
159 160		Customers - Three Phase Energy (MWh)	9	9	9	9	9	9	9	9	9	9	9	9	108
161 162	Ŧ	On-Peak Off-Peak	714 521	699 499	737 512	765 538	819 577	888 596	1,040 699	1,137 760	1,278 889	1,289 905	1,395 1,015	1,367 976	12,128 8,486
163	F	acility Capacity (kW)													
164 165	+	First 200 kW Over 200 kW	1,800 967	1,800 1,029	1,800 1,043	1,800 1,173	1,800 1,251	1,800 2,222	1,800 2,889	1,800 3,098	1,800 3,608	1,800 3,667	1,800 3,795	1,800 3,701	21,600 28,443
166	C	Demand (kW)													
167 168	+	On-Peak Off-Peak Increment	2,170	2,219	2,229 0	2,332	2,393 0	3,155 0	3,678 0	3,841	4,242 0	4,289 0	4,388 0	4,314 0	39,250 0
169		Reactive Demand (kVar)	21	32	27	28	60	59	103	83	105	77	62	57	714
170 171		Calendar Energy (MWh)	1,121	1,080	1,241	1,297	1,460	1,517	1,862	1,903	1,963	2,312	2,558	2,465	20,777
		nedule 489S GT 4,000 kW V2014	0	0				0	0				0	-	
173 174	C	Customers - Single Phase Customers - Three Phase	1	1	0	1	0	1	1	0	0	1	1	1	0 12
175 176		Energy (MWh) On-Peak	146	148	143	238	342	450	1,063	1,953	2,223	1,128	650	288	8,771
177	t	Off-Peak	93	81	88	97	110	236	548	1,953	1,370	1,128 570	270	110	4,711
178	F	acility Capacity (kW)													

	ΑВ	C D	Е	F	G	Н	1	J	K	L	М	N	0	Р	Q
179		First 1.000 kW	1.000	1,000	1.000	1.000	1.000	1.000	1,000	1,000	1.000	1.000	1.000	1.000	12,000
180	1	1,000 kW to 4,000 kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
181		Over 4,000 kW	3,431	3,431	3,431	3,431	3,431	3,431	3,431	3,431	3,431	3,431	3,431	3,431	41,172
182	De	emand (kW)			·									,	
183	1	On-Peak	498	539	502	1,483	2,052	3,164	7,004	7,099	7,764	6,540	4,119	2,053	42,817
184	1	Off-Peak Increment	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Re	eactive Demand (kVar)	0	0	0	0	35	559	2,107	2,161	2,210	1,668	801	0	9,541
186	Ca	alendar Energy (MWh)	217	206	229	333	473	701	1,725	3,099	3,256	1,789	976	419	13,424
187															
188	Sche	edule 485P 201-4,000 kW V2010													
189	Сι	stomers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
190		nergy (MWh)													
191		On-Peak	1,220	1,125	1,172	1,182	1,257	1,328	1,273	1,284	1,296	1,307	1,168	1,209	14,820
192		Off-Peak	747	726	791	744	795	886	805	807	834	882	758	823	9,595
193	Fa	cility Capacity (kW)													
194		First 200 kW	200	200	200	200	200	200	200	200	200	200	200	200	2,400
195		Over 200 kW	3,814	3,814	3,814	3,814	3,814	3,814	3,814	3,814	3,814	3,814	3,814	3,814	45,768
196		emand (kW)													
197		On-Peak	3,555	3,368	3,283	3,630	3,985	4,043	3,733	3,821	3,950	3,688	3,632	3,568	44,256
198		Off-Peak Increment	0	0	0	0	0	0	0	0	0	0	0	0	0
199		eactive Demand (kVar)	951	898	836	894	994	1,054	955	943	1,186	953	923	873	11,460
200	Ca	alendar Energy (MWh)	2,306	1,724	2,180	1,983	2,123	2,216	2,178	2,258	2,008	2,267	1,744	1,368	24,355
201															
202	Sche	edule 485P 201-4,000 kW V2011													
203		stomers - Three Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
204		nergy (MWh)													
205		On-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0
206		Off-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0
207		cility Capacity (kW)													
208		First 200 kW	0	0	0	0	0	0	0	0	0	0	0	0	0
209		Over 200 kW	0	0	0	0	0	0	0	0	0	0	0	0	0
210		emand (kW)													
211		On-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0
212		Off-Peak Increment	0	0	0	0	0	0	0	0	0	0	0	0	0
213		eactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0
214	Ca	alendar Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0

	Α	B C D	Е	F	G	Н		J	K	L	M	N	0	Р	Q
215														Ì	
216		Chedule 485P 201-4,000 kW V2012 Customers - Three Phase	5	5	5	5	5	5	5	5	5	5	5	5	60
218		Energy (MWh)													
219		On-Peak Off-Peak	2,071 1,205	1,898 1,121	1,841 1,087	1,727 1,020	1,589 909	1,536 901	1,875 1,108	2,100 1,179	2,226 1,284	1,824	1,869 1,069	1,687 957	22,244 12,842
221		Facility Capacity (kW)	1,200		1,007	1,020	909	901	1,100	1,179	1,204	1,003	1,009	931	12,042
222		First 200 kW	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
223	Н	Over 200 kW Demand (kW)	5,410	5,316	4,851	5,416	5,284	4,091	5,819	6,253	6,607	5,317	5,363	4,787	64,514
225		On-Peak	6,410	6,316	5,851	6,416	6,284	5,076	6,812	7,253	7,584	6,317	6,363	5,787	76,469
226	$\vdash$	Off-Peak Increment Reactive Demand (kVar)	0	0 61	0 52	0 50	0 26	15 48	7 367	0 280	23 343	211	0 243	0 167	1,848
228		Calendar Energy (MWh)	3,842	2,811	3,253	2,830	2,585	2,439	3,128	3,540	3,309	2,927	2,661	1,781	35,106
229		chedule 485P 201-4,000 kW V2013													
231		Customers - Three Phase	28	28	28	28	28	28	28	28	28	28	28	28	336
232	H	Energy (MWh) On-Peak	6,926	6,426	6,294	6,382	6,837	7,260	7,239	7,521	7,616	6,433	6,233	6,371	81,538
234		Off-Peak	4,004	3,723	3,647	3,658	4,004	4,201	4,243	4,242	4,358	3,739	3,618	3,763	47,202
235		Facility Capacity (kW) First 200 kW	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	67,200
237		Over 200 kW	14,869	14,714	13,996	15,477	19,746	19,746	19,092	20,279	19,735	16,657	15,134	13,865	203,310
238		Demand (kW) On-Peak	20.267	20.244	40.570	24.077	25.240	25 205	24.242	25.070	25.220	22.252	20.724	10.405	200 005
240		Off-Peak Increment	20,367 102	20,314	19,576 21	21,077 0	25,346 0	25,205 141	24,343 349	25,879 0	25,326 9	22,253 4	20,734	19,465 0	269,885 626
241		Reactive Demand (kVar)	2,438	2,243	2,296	2,760	3,309	3,403	3,668	3,906	3,765	3,289	2,848	2,549	36,474
242	H	Calendar Energy (MWh)	12,820	9,452	11,042	10,343	11,220	11,473	12,038	12,703	11,289	10,532	8,922	6,822	128,656
244		chedule 485P 201-4,000 kW V2014							,				,		
245		Customers - Three Phase Energy (MWh)	2	2	2	2	2	2	2	2	2	2	2	2	24
247		On-Peak	308	376	381	404	409	452	494	491	521	479	393	392	5,100
248		Off-Peak Facility Capacity (kW)	217	273	273	309	290	328	388	368	388	372	290	283	3,778
250	1	First 200 kW	400	400	400	400	400	400	400	400	400	400	400	400	4,800
251 252		Over 200 kW Demand (kW)	918	841	815	791	813	1,061	927	1,045	1,071	966	959	689	10,896
253		On-Peak	1,318	1,235	1,215	1,191	1,213	1,443	1,327	1,445	1,471	1,357	1,359	1,089	15,663
25 <sup>4</sup>		Off-Peak Increment Reactive Demand (kVar)	0 203	6 248	0 208	237	0 265	17 248	0 250	0 250	0 260	10 278	0 241	0 243	2,931
256		Calendar Energy (MWh)	616	604	726	734	724	780	924	928	857	882	619	454	8,848
257	Sc	chedule 485P 201-4,000 kW V2015													
259		Customers - Three Phase	2	2	2	2	2	2	2	2	2	2	2	2	24
260		Energy (MWh) On-Peak	1,696	1,676	1,657	1,748	1,831	1,827	1,917	1,906	1,968	1,854	1,786	1,661	21,528
262		Off-Peak	1,052	995	961	1,051	1,166	1,103	1,191	1,375	1,301	1,129	1,118	1,125	13,568
263 264		Facility Capacity (kW) First 200 kW	400	400	400	400	400	400	400	400	400	400	400	400	4,800
265		Over 200 kW	6,027	6,015	5,757	6,197	6,520	6,289	6,134	6,209	6,222	6,097	6,201	5,845	73,513
267		Demand (kW) On-peak	5,852	5,819	5,671	6,063	6,260	6,449	6,203	6,557	6,620	6,190	5,917	5,622	73,223
268		Off-peak increment	0	0	0	0	0	0	0	0	0	0	0	0	0
269		Reactive Demand (kVar) Calendar Energy (MWh)	694 3,223	736 2,488	694 2,908	739 2,883	770 3,102	828 2,933	824 3,259	916 3,543	856 3,083	796 3,089	776 2,631	730 1,875	9,359 35,016
271			3,223	2,400	2,900	2,003	3,102	2,933	3,239	3,343	3,063	3,009	2,031	1,073	33,010
272		Chedule 485P 201-4,000 kW V2016 Customers - Three Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
274		Energy (MWh)	U	0	U	U	0	0	0	0	0	U	0	0	0
275		On-Peak Off-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0
277		Facility Capacity (kW)	U	0	U	U	0	0	0	0	0	0	0	0	0
278	_	First 200 kW Over 200 kW	0	0	0	0	0	0	0	0	0	0	0	0	0
280		Demand (kW)	U	U	U	U	U	U	U	U	U	U	U	U	U
281 282		On-peak Off-peak increment	0	0	0	0	0	0	0	0	0	0	0	0	0
282		Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0
284	H	Calendar Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
286		chedule 485P 201-4,000 kW V2017													
287		Customers - Three Phase	8	8	8	8	8	8	8	8	8	8	8	8	96
288		Energy (MWh) On-Peak	2,969	2,694	2,598	2,813	3,018	3,093	3,327	3,663	3,847	3,602	3,369	3,280	38,272
290		Off-Peak	2,308	1,869	1,780	1,987	2,125	2,112	2,337	2,597	2,632	2,538	2,398	2,303	26,986
291	Н	Facility Capacity (kW) First 200 kW	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	19,200
293		Over 200 kW	6,067	6,279	5,647	6,496	7,841	7,883	8,847	9,651	9,887	9,414	8,199	7,438	93,649
294		Demand (kW) On-peak	7,667	7,879	7,247	8,096	9,441	9,483	10,383	11,251	11,487	11,014	9,763	9,038	112,749
296		Off-peak increment	0	0	0	0	0	0	64	0	0	0	36	0	100
297		Reactive Demand (kVar) Calendar Energy (MWh)	709 6,189	912 4,250	702 4,862	795 4,945	918 5,323	1,000 5,211	1,059 5,938	1,304 6,760	1,374 6,108	1,304 6,358	1,187 5,223	963 3,758	12,227 64,924
299			2,.00	.,_00	.,502	.,5 10	2,320	-,	2,300	2,. 00	2,.00	2,300	2,220	2,.00	,
300		Chedule 485P 201-4,000 kW V2018 Customers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
302		Energy (MWh)													
303		On-Peak Off-Peak	583 394	509 335	502 326	514 341	600 420	644 414	677 429	762 516	740 468	592 378	558 369	573 401	7,255 4,792
305		Facility Capacity (kW)													
306		First 200 kW Over 200 kW	200 2,206	200 2,206	200 2,206	200 2,206	200 2,206	200 2,206	200 2,206	200 2,206	200 2,206	200 2,206	200 2,206	200 2,206	2,400 26,472
308		Demand (kW)													
309	H	On-peak Off-peak increment	1,489 0	1,468 0	1,466 0	1,522 0	2,153 0	2,052	2,376 0	2,436 0	2,277	1,936 0	1,651 0	1,627 0	22,453 0
311		Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0
312	Ш	Calendar Energy (MWh)	1,147	785	920	881	1,056	1,059	1,160	1,380	1,139	1,004	840	656	12,027

	ΑВ	C D	Е	F	G	Н	1	J	K	L	M	N	0	Р	Q
313															
314	Sche	edule 485P 201-4,000 kW V2019													
315	Cı	ustomers - Three Phase	2	2	2	2	2	2	2	2	2	2	2	2	24
316	Er	nergy (MWh)													
317		On-Peak	932	953	974	994	1,015	1,036	1,041	1,050	1,105	1,113	1,137	1,139	12,489
318		Off-Peak	688	703	718	734	749	764	795	822	803	831	843	877	9,327
319	Fa	acility Capacity (kW)													
320		First 200 kW	400	400	400	400	400	400	400	400	400	400	400	400	4,800
321		Over 200 kW	5,769	5,769	5,769	5,769	5,769	5,769	5,769	5,769	5,769	5,769	5,769	5,769	69,228
322	De	emand (kW)													
323		On-peak	5,609	5,733	5,858	5,982	6,107	6,232	2,862	3,286	4,704	3,588	5,995	3,397	59,353
324		Off-peak increment	0	0	0	0	0	0	0	0	0	0	0	0	0
325	Re	eactive Demand (kVar)	1,028	1,051	1,074	1,097	1,120	1,143	470	555	603	635	40	476	9,292
326	Ca	alendar Energy (MWh)	1,656	1,692	1,728	1,764	1,800	1,836	1,872	1,908	1,944	1,980	2,016	2,052	22,248
327															
		edule 489P GT 4,000 kW V2004													
329		ustomers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
330	Er	nergy (MWh)													
331		On-Peak	3,522	3,527	3,553	3,738	3,913	3,867	4,017	4,023	4,128	3,823	3,654	3,770	45,534
332		Off-Peak	2,439	2,344	2,431	2,372	2,474	2,377	2,683	2,473	2,596	2,553	2,333	2,414	29,486
333	Fa	acility Capacity (kW)													
334		First 1,000 kW	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
335		1,001-4,000 kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
336		Over 4,000 kW	7,770	7,770	7,770	7,770	7,770	7,770	7,770	7,770	7,770	7,770	7,770	7,770	93,240
337	_	emand (kW)													
338		On-peak	9,927	9,882	9,441	10,763	11,148	11,430	11,489	11,240	12,051	10,405	10,508	10,011	128,295
339		Off-peak increment	0	0	0	0	0	0	0	0	0	0	0	0	0
340		eactive Demand (kVar)	2,899	2,856	2,577	3,014	3,247	3,222	3,140	3,176	3,123	2,861	2,993	2,864	35,972
341	Ca	alendar Energy (MWh)	5,871	5,983	6,109	6,387	6,244	6,699	6,496	6,724	6,375	5,987	6,184	5,961	75,020

	Δ	BICI D	Е	F I	G	н		J	K		М	N	0	Р	O
342	^	ВС		'	- 0			<u> </u>	K		IVI	IN	O	'	<u> </u>
343	Scl	hedule 489P GT 4,000 kW V2010													
344		Customers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
345	E	Energy (MWh)											0.504	0.440	10.100
346 347	$\vdash$	On-Peak Off-Peak	3,547	3,287	3,523	3,550	3,689	3,901	3,779	3,671	3,779	3,764	3,531	3,412	43,432
347	-	acility Capacity (kW)	2,340	2,274	2,536	2,415	2,541	2,759	2,480	2,432	2,531	2,678	2,399	2,549	29,935
349	H.	First 1,000 kW	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
350	Ħ	1,001-4,000 kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
351		Over 4,000 kW	8,857	8,857	8,857	8,857	8,857	8,857	8,857	8,857	8,857	8,857	8,857	8,857	106,284
352	_ [	Demand (kW)													
353 354	+	On-peak	10,867 0	11,161 0	10,304	12,754 0	12,345 0	12,728 0	12,960	12,583 0	12,313 0	11,398	11,608 0	11,074	142,095
355	F	Off-peak increment Reactive Demand (kVar)	3,576	3,416	3,679	3,556	4,090	3,776	3,436	3,603	4,340	3,815	3,940	3,597	44,824
356		Calendar Energy (MWh)	6,905	5,179	6,730	6,144	6,448	6,666	6,562	6,590	5,949	6,669	5,371	4,013	73,227
357			-,			- 1		- 1		-,,,,,,,	- 1	-,		, ,	
358		nedule 489P GT 4,000 kW V2011													
359		Customers - Three Phase	2	2	2	2	2	2	2	2	2	2	2	2	24
360 361	E	Energy (MWh) On-Peak	8.653	8.274	8.119	8.150	8,270	8,771	8.639	8.876	9,505	8.878	8.406	8,413	102.954
362	H	Off-Peak	6,239	6,418	5,951	5,942	6,499	6,301	6,286	6,782	6,837	6,358	6,241	6,361	76,216
363	F	acility Capacity (kW)	0,203	0,710	0,001	0,072	0,433	0,001	0,200	0,702	0,007	0,000	0,241	0,001	70,210
364	Шf	First 1,000 kW	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	24,000
365		1,001-4,000 kW	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	72,000
366	Щ	Over 4,000 kW	15,766	15,766	15,766	15,766	15,766	15,766	15,992	15,839	15,839	16,018	16,018	16,018	190,320
367 368	$\mathbb{H}_{\scriptscriptstyle{L}}$	Demand (kW) On-peak	20,089	20,184	19,960	21,256	20,981	23,040	23,995	22,457	23,412	23,748	22,501	21,978	263,601
369	H	On-peak Off-peak increment	20,089	20,184	19,960	21,256	20,981	23,040	23,995	22,457	23,412	23,748	22,501	21,978	263,601
370	F	Reactive Demand (kVar)	2,502	2,493	2,522	2,533	4,587	2,877	2,836	2,676	2,751	2,950	2,859	2,574	34,160
371		Calendar Energy (MWh)	15,241	13,843	14,423	14,778	15,116	15,050	15,628	16,465	15,499	14,513	14,442	13,962	178,958
372															
373		hedule 489P GT 4,000 kW V2012													
374 375		Customers - Three Phase	3	3	3	3	3	3	3	3	3	3	3	3	36
376	- 1	Energy (MWh) On-Peak	4,130	4,219	3,838	4,147	4,357	4,667	4,798	5,038	5,292	4,768	4,330	3,938	53,523
377		Off-Peak	2,659	2,748	2,366	2,653	2,667	2,922	3,001	3,095	3,393	2,934	2,702	2,460	33,599
378	F	Facility Capacity (kW)											·		
379		First 1,000 kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
380	$\perp$	1,001-4,000 kW	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	108,000
381 382	-	Over 4,000 kW Demand (kW)	4,318	4,287	3,632	4,748	5,570	4,981	4,588	4,780	4,812	4,495	4,759	3,855	54,825
383	+	On-peak	11,757	11,878	11,297	12,622	15,047	16,509	15,318	16,603	16,619	15,635	14,474	12,247	170,006
384	Ħ	Off-peak increment	0	0	0	0	0	0	46	0	0	0	0	0	46
385		Reactive Demand (kVar)	36	166	164	215	283	340	406	262	359	262	215	138	2,846
386	(	Calendar Energy (MWh)	7,963	6,489	6,891	7,005	7,270	7,597	8,177	8,782	8,188	7,974	6,369	4,307	87,011
387 388	-	hedule 489P GT 4.000 kW V2013													
389		Customers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
390		Energy (MWh)		'	'						-	'			12
391	Ħ,	On-Peak	2,718	2,640	2,694	2,698	2,707	2,664	2,739	2,739	2,669	2,727	2,742	2,696	32,433
392		Off-Peak	1,975	2,061	2,002	2,001	1,996	2,030	1,935	1,938	2,022	1,979	1,992	2,037	23,966
393	F	acility Capacity (kW)													4
394 395	+	First 1,000 kW 1,001-4,000 kW	1,000 3,000	12,000 36,000											
395	H	Over 4,000 kW	4,161	4,161	4,161	4,161	4,161	4,161	4,161	4,161	4,161	4,161	4,161	4,161	49,932
397	Г	Demand (kW)	7,101	7,101	7,101	7,101	7,101	7,101	7,101	7,101	7,101	7,101	7,101	7,101	40,002
398	ď	On-peak	7,640	6,485	7,276	7,287	7,982	7,938	7,682	8,340	7,375	7,622	7,453	6,465	89,545
399		Off-peak increment	0	31	0	0	0	0	0	0	0	0	0	0	31
400		Reactive Demand (kVar)	0	0	0	0	0	0	194	0	9	0	0	0	203
401 402		Calendar Energy (MWh)	4,701	4,695	4,699	4,703	4,694	4,674	4,678	4,690	4,706	4,733	4,733	4,693	56,400
402	Sci	hedule 489P GT 4,000 kW V2014													
404		Customers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
405		Energy (MWh)													
406		On-Peak	3,295	3,131	3,042	3,068	3,097	3,250	3,529	3,472	3,514	3,470	3,217	3,039	39,125
407	Ц	Off-Peak	2,406	2,420	2,206	2,252	2,281	2,496	2,572	2,472	2,707	2,499	2,351	2,328	28,990
408	F	Facility Capacity (kW)	4.000	4 000	4.000	4.000	4 000	4.000	4 000	4 000	4 000	4 000	4 000	4 000	40.000
409 410	$^{+}$	First 1,000 kW 1,001-4,000 kW	1,000 3,000	12,000 36,000											
411	H	Over 4,000 kW	5,325	5,325	5,325	5,325	5,325	5,325	5,325	5,325	5,325	5,325	5,325	5,325	63,900
412	1	Demand (kW)	2,020	-,020	2,020	-,020	2,020	2,020	2,023	5,020	2,020	2,020	2,020	2,020	20,000
413		On-peak	7,612	7,619	7,860	8,299	8,269	9,355	9,028	9,295	9,221	9,168	8,822	8,425	102,973
414	Ц	Off-peak increment	0	7	0	0	0	153	48	0	0	0	0	14	222
415	F	Reactive Demand (kVar)	0	0	57	0	731	0	0	0	24	486	0	0	1,298
416		Calendar Energy (MWh)	5,551	5,249	5,320	5,377	5,745	6,101	5,944	6,221	5,969	5,568	5,367	5,787	68,200

	A E	B C D	E	F	G	Н	ı	J	K	L	М	N	0	Р	Q
417	Ţ														
418		customers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
420		nergy (MWh)													12
421	ļ	On-Peak	2,949	2,878	2,993	3,095	3,010	3,199	3,232	3,178	3,359	3,378	3,319	3,459	38,052
422 423	-	Off-Peak acility Capacity (kW)	2,115	2,269	2,237	2,218	2,386	2,280	2,330	2,467	2,369	2,433	2,576	2,518	28,198
424	Ť	First 1,000 kW	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
425		1,001-4,000 kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
426 427	_	Over 4,000 kW Demand (kW)	3,467	3,467	3,467	3,525	3,824	4,335	4,748	4,748	4,797	4,887	4,887	4,954	51,106
428	10	On-peak	7,222	7,380	7,186	7,565	8,084	8,585	8,910	8,338	8,684	8,864	8,601	8,998	98,417
429		Off-peak increment	0	0	0	0	0	0	0	0	0	0	0	0	0
430 431		teactive Demand (kVar) Calendar Energy (MWh)	5,147	5,230	5,313	5,396	0 5,479	5,562	5,645	5,728	5,811	5,894	5,977	6,077	0 67,263
432	-	aleridai Eriergy (WWTI)	5,147	3,230	5,515	5,390	5,479	5,562	5,045	3,720	5,611	5,094	5,977	0,077	67,203
		nedule 489P GT 4,000 kW V2017													
434		customers - Three Phase	2	2	2	2	2	2	2	2	2	2	2	2	24
435 436	E	nergy (MWh) On-Peak	5,869	6,820	6,597	6,525	6,587	6,879	6,916	6,849	7,281	6,905	7,006	7,437	81,672
437	İ	Off-Peak	4,327	5,174	5,082	4,874	5,192	5,096	5,094	5,341	5,403	4,949	5,395	5,558	61,484
438	F	acility Capacity (kW)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	04.000
439 440	+	First 1,000 kW 1,001-4,000 kW	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	2,000 6,000	24,000 72,000
441		Over 4,000 kW	12,486	12,486	12,437	13,283	13,283	13,283	13,283	13,283	13,283	13,283	13,250	13,250	156,890
442	D	Demand (kW)	16 004	17,004	17,406	21,011	10.010	10.200	10.504	18,476	20,099	20.540	20.400	19,454	228,766
443	+	On-peak Off-peak increment	16,091 0	17,004	17,406	21,011	19,613 0	19,388 0	19,581 0	18,476	20,099	20,543 331	20,100	19,454	228,766 596
445		teactive Demand (kVar)	5,060	3,927	3,791	4,124	4,971	4,854	4,785	4,476	4,785	4,766	4,844	4,839	55,222
446 447	С	calendar Energy (MWh)	12,407	11,518	11,602	11,751	12,137	11,718	12,403	12,759	11,894	12,679	12,941	9,354	143,163
	Sch	nedule 489P GT 4,000 kW V2018													
449	С	Customers - Three Phase	2	2	2	2	2	2	2	2	2	2	2	2	24
450	E	nergy (MWh)	0.424	7.004	7 200	7 500	0.005	0.046	0.005	0.500	0.700	7 700	7.070	0.077	00.447
451 452	+	On-Peak Off-Peak	8,131 6,117	7,324 5,337	7,382 5,348	7,583 5,491	8,265 6,326	8,316 5,968	8,265 5,857	8,588 6,486	8,736 6,224	7,780 5,597	7,670 5,569	8,077 6,119	96,117 70,438
453	F	acility Capacity (kW)													
454 455	+	First 1,000 kW 1,001-4,000 kW	2,000	2,000	2,000	2,000 6,000	2,000	2,000	2,000 6,000	2,000	2,000	2,000	2,000 6,000	2,000	24,000 72,000
456	+	Over 4,000 kW	6,000 14,524	6,000 14,481	6,000 13,578	15,118	6,000 16,253	6,000 15,440	14,897	6,000 15,163	6,000 15,206	6,000 14,768	15,133	6,000 13,885	178,446
457	D	Demand (kW)										,			
458	+	On-peak	19,169	19,261	18,540	20,085	23,144	22,322	22,471	23,211	22,972	21,755 0	20,660	19,761 0	253,351
459 460	R	Off-peak increment leactive Demand (kVar)	2,357	2,349	2,228	20 2,616	2,888	2,730	2,687	2,947	0 2,812	2,727	2,775	2,692	20 31,808
461		Calendar Energy (MWh)	16,711	11,791	14,139	13,467	15,101	14,298	14,805	16,279	14,104	13,850	11,991	9,557	166,093
462	2.1	- 1-1- 400D OT 4 000 LW V0040													
463 464		customers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
465		nergy (MWh)													
466		On-Peak	2,372	2,219	2,052	2,048	2,137	2,084	2,325	2,338	2,380	2,276	2,126	1,954	26,310
467 468	F	Off-Peak facility Capacity (kW)	1,722	1,713	1,504	1,506	1,592	1,612	1,699	1,673	1,851	1,638	1,563	1,496	19,569
469	Ť	First 1,000 kW	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
470	1	Over 1,001-4,000 kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
471 472	D	Over 4,000 kW Demand (kW)	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	26,844
473	Ĭ	On-peak	5,533	5,503	5,313	5,479	5,665	6,115	5,958	6,096	6,358	6,079	6,005	5,769	69,873
474	_	Off-peak increment	0	19	0	0	61	0	0	0	0	0	0	0	80
475 476		teactive Demand (kVar) Calendar Energy (MWh)	1,065 4,802	1,063 3,662	895 3,950	1,026 3,660	1,145 3,860	1,017 3,699	1,068 4,219	1,098 4,331	1,056 3,989	1,174 4,053	1,263 3,341	1,058 2,323	12,928 45,888
477			1,002	0,002	0,000	0,000	0,000	0,000	1,210	1,001	0,000	1,000	0,011	2,020	10,000
		nedule 489T V2007													
479 480		customers - Three Phase Energy (MWh)	1	1	1	1	1	1	1	1	1	1	1	1	12
481	Í	On-Peak	83	82	81	81	83	82	82	82	82	85	81	84	988
482	-	Off-Peak	61	63	64	63	62	63	63	62	63	60	64	57	745
484	+	facility Capacity (kW) First 1,000 kW	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	48,000
485	Ţ	1,001-4,000 kW	1	1	1	1	1	1	1	1	1	1	1	1	12
486 487	_	Over 4,000 kW Demand (kW)	0	0	0	0	0	0	0	0	0	0	0	0	0
488	1	On-Peak	4,001	4,001	271	240	224	245	229	215	244	234	422	382	10,708
489	Ţ	Off-Peak Increment	0	0	0	0	0	0	0	0	0	0	0	0	0
490 491		teactive Demand (kVar) Calendar Energy (MWh)	145	2 145	80 145	99 145	23 145	25 145	31 145	32 145	41 145	54 145	242 141	261 0	890 1,588
492			140	140	140	140	140	140	140	140	140	140	141	U	1,000
493		nedule 489T V2012													
494 495		Customers - Three Phase Energy (MWh)	1	1	1	1	1	1	1	1	1	1	1	1	12
496	1	On-Peak	4,735	4,340	4,559	4,604	4,695	4,933	4,963	5,132	5,213	5,136	4,639	5,041	57,991
497	Ţ	Off-Peak	3,411	3,333	3,308	3,365	3,446	3,785	3,627	3,656	3,992	3,657	3,368	3,838	42,787
498 499	F	facility Capacity (kW) First 1,000 kW	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
500	⇟	1,001-4,000 kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
501	Į	Over 4,000 kW	13,712	13,712	13,712	13,712	13,712	13,712	13,712	13,712	13,712	13,712	13,712	13,712	164,544
502 503	D	Demand (kW) On-Peak	11,272	10,724	11,915	12,261	12,639	13,934	12,511	13,549	14,421	15,601	19,823	13,689	162,339
503	$^{+}$	Off-Peak Increment	0	0	0	0	12,639	13,934	0	13,549	14,421	15,601	19,823	13,009	0
505		teactive Demand (kVar)	2,057	1,695	2,002	2,172	2,882	2,694	2,536	2,716	2,778	3,034	2,943	2,184	29,693
506 507	C	alendar Energy (MWh)	7,673	7,867	7,970	8,141	8,718	8,590	8,788	9,205	8,793	8,007	8,880	8,146	100,778
	Sch	nedule 489T V2013													
509	С	Customers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12
510 511	E	nergy (MWh) On-Peak	4,473	4,084	4,108	4,782	4,147	4,349	4,117	4,160	4,359	4,380	4,094	4,209	E1 262
511	+	On-Peak Off-Peak	2,687	2,593	2,698	2,849	2,766	2,712	2,933	3,228	2,750	2,795	2,617	2,769	51,263 33,398
513		acility Capacity (kW)													
514	┸	First 1,000 kW	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000

	ΑE	ВС	D	Е	F	G	Н		J	K	L	M	N	0	Р	Q
515		1,001-4,000	kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
516		Over 4,000	kW	14,264	14,264	13,845	13,845	13,946	13,946	13,946	14,086	14,086	14,086	14,086	14,010	168,410
517		Demand (kW)														
518		On-Peak		17,957	16,126	15,631	16,923	17,783	14,984	15,660	18,063	15,033	16,655	15,676	17,866	198,357
519		Off-Peak Inc	crement	0	0	0	0	0	0	0	0	0	0	0	0	0
520	R	Reactive Dema	and (kVar)	16,418	12,112	13,111	13,983	16,806	13,652	16,454	17,443	14,726	15,864	15,228	16,508	182,305
521	С	Calendar Energ	gy (MWh)	6,677	6,806	7,631	6,913	7,061	7,050	7,388	7,109	7,175	6,711	6,978	7,622	85,123
522																
523	Tot	al Direct Acco	ess													
524	C	Customers		301	301	301	301	301	301	301	301	301	301	301	301	3,612
525	Е	nergy (MWh)		171,126	164,729	163,184	164,618	169,801	175,541	179,928	187,256	192,477	176,590	169,506	173,371	2,088,126
526	F	acility Capacit	ty (kW)	359,777	358,950	355,056	363,496	377,706	382,989	388,561	396,315	393,639	382,163	372,161	364,016	4,494,829
527	С	Demand (kW)		294,512	292,078	285,442	305,866	324,434	334,785	339,558	349,535	350,101	335,861	324,472	303,779	3,840,423
528	R	Reactive Dema	and (kVar)	45,970	40,230	41,418	44,647	55,841	51,820	56,155	57,638	56,129	54,814	50,025	47,567	602,254
529	C	Calendar Energ	gy (MWh)	177,702	155,333	170,120	166,935	175,741	177,223	187,942	194,522	180,940	179,582	168,900	153,691	2,088,633

#### PORTLAND GENERAL ELECTRIC

Calculation of 2019 Wheeling Charge

Nonresidential		Applicable																	
Schedules	12 CP	MWh	aMW	LF	Wheel	ing													
Schedule 15	1.8	3 16,85	5 1.9																
Schedule 32	264.4	4 1,743,69	8 199.1																
Schedule 38	4.3	2 33,65	5 3.8																
Schedule 47	3.	5 23,15	5 2.6																
Schedule 49	10.4	4 68,92	9 7.9																
Schedule 83	475.	5 3,085,08	9 352.2																
Schedule 85	416.	4 2,889,29	0 329.8																
Schedule 89	58.3	3 476,65	0 54.4																
Schedule 90	232.3	3 1,959,84	2 223.7																
Schedule 91/95	5.9	9 54,04	8 6.2																
Schedule 92	0.:	3 2,66	7 0.3																
Totals	1,473.	1 10,353,87	6 1,181.9	80.24	%	3.06													
	Jan	Feb	Mar	Apr	May		Jun	Jun Jul	Jun Jul	Jun Jul Aug	Jun Jul Aug	Jun Jul Aug Sep	Jun Jul Aug Sep	Jun Jul Aug Sep Oct	Jun Jul Aug Sep Oct	Jun Jul Aug Sep Oct Nov	Jun Jul Aug Sep Oct Nov	Jun Jul Aug Sep Oct Nov Dec	Jun Jul Aug Sep Oct Nov Dec
Hours	74	4 67	2 744	72	0	744	720	720	720 744	720 744	720 744 744	720 744 744	720 744 744 720	720 744 744 720	720 744 744 720 744	720 744 744 720 744	720 744 744 720 744 720	720 744 744 720 744 720	720 744 744 720 744 720 744

BPA PTP 1.793 kW-month

Hours 730 average hours per 12 months

# PORTLAND GENERAL ELECTRIC 2019 LINE LOSS PROJECTIONS

	Internal	External	
Delivery Voltage	Losses	Losses	Losses
Secondary	4.74%	2.11%	6.85%
Primary	2.85%	2.11%	4.96%
Subtransmission	1.45%	2.11%	3.56%

		G&T	G&T	115 kV	115 kV	Primary	Primary
Category	MWh	Losses	MWh	Losses	MWh	Losses	MWh
Residential	7,572,179	1.0685		1.0474	7,931,100	1.032	7,817,743
Secondary	7,374,128	1.0685		1.0474	7,723,662	1.032	7,613,269
Primary	4,150,900	1.0496		1.0285	4,269,201	1.014	4,208,182
Subtransmission	249,847	1.0356		1.0145	253,470		
Lighting	53,079	1.0685		1.0474	55,595	1.032	54,800
Totals	19,400,134				20,233,028		19,693,995

For delivery voltage differentiated pricing

Peak

Category	Losses
Secondary	8.16%
Primary	5.30%
Subtransmission	3.89%

Totals

Secondary peak uses 500 kVa transformer additional losses at peak loading Primary peak loss is from Attachment D of line loss study Subtransmission peak loss is from Attachment C of line loss study