

KATHERINE McDowell Direct (503) 595-3924 katherine@mrg-law.com

August 31, 2018

VIA ELECTRONIC AND U.S. MAIL

PUC Filing Center Public Utility Commission of Oregon PO Box 1088 Salem, OR 97308-1088

Re: Docket UM 1954

Attention Filing Center:

Avangrid Renewables, LLC submits for filing its 2017 Fuel Mix Reconciliation Report.

Please note that portions of the report are CONFIDENTIAL, containing commercially sensitive and confidential business information and are provided separately under seal pursuant to General Protective Order No. 18-200.

Please contact this office or the individuals listed in the application with any questions.

Very truly yours,

Katherine McDowell

**Enclosures** 

# BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON

UM 1954

In the Matter of	)
Avangrid Renewables, LLC	)
2017 Fuel Mix Reconciliation	)
Report	)
	)

## AVANGRID RENEWABLES LLC 2017 FUEL MIX RECONCILIATION REPORT

Submitted August 31, 2018

**REDACTED** 

CONFIDENTIAL SUBJECT TO GENERAL PROTECTIVE ORDER NO. 18-200

Power Source and I Reconciliation		_						
<b>Electricity Service S</b>	Supplier Nam	e: Avangrid R	enew	ables, LLC				
Reporting Year: 20	17							
Verification of Prod	luct Content l	Labeling						
Power Source		vable Product						
(Mix)	Claimed %	Actual %						
Biomass								
Coal								
Cogeneration								
Geothermal		24.14%						
Hydro								
Landfill Gases								
Natural Gas								
Nuclear								
Other								
Petroleum								
Solar								
Waste								
Wind	100%	75.86%						
Total	100%	100%						
Environmental Impact								
Carbon Dioxide	0%	0%						
Sulfur Dioxide	0%	0%						
Nitrogen Oxides	0%	0%						
Spent Nuclear Fuel	0%	0%						
Balance of Purchase	e/Generation	and Sales						
Product Name	Residual/De Prior Report			tal Generated/REC rchases MWh	MWh Sold	n/RECs Used nus Sold (MWh)		

New Resources	0						0				
Existing Resources	0		0	<u>-</u>	0		0				
Certification: I CERT			ΓΙΟΙ	N REPORTED ON PA	AGES	1-8 IS	TRUE	E AND COMPLET	ΓED T	O'	
SIGNATURE:											
TITLE:	Authorized I	Representative									
DATE:											
NAME OF	Jonathan										
CONTACT:	Brown										
PHONE	503-241-323	2									
NUMBER:											

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Loca ion (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Repor ing Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
								0		1/1/2017	1/1/2017	1/1/2017
								0		2/1/2017	2/1/2017	2/1/2017
								0		3/1/2017	3/1/2017	3/1/2017
								0		4/1/2017	4/1/2017	4/1/2017
								0		5/1/2017	5/1/2017	5/1/2017
Big Top LLC	1.65 MW Installed Capacity	Morrow County OR	COD = 2009	100% Renew able	No			0	Wind	6/1/2017	6/1/2017	6/1/2017
Dig Top LLO	1.00 WWW motamod Capacity	Worrow County, Ort	00B = 2000	10070 Nonew abio	140			0	VVIIIG	7/1/2017	7/1/2017	7/1/2017
								0		8/1/2017	8/1/2017	8/1/2017
								0		9/1/2017	9/1/2017	9/1/2017
								0		10/1/2017	10/1/2017	10/1/2017
								0		11/1/2017	11/1/2017	11/1/2017
								0		12/1/2017	12/1/2017	12/1/2017
					<u></u>				<u> </u>	<u></u>	<u></u>	<u> </u>
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Loca ion (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Repor ing Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
,	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for	Renew able Resource	Generated (Month/	Acquired (Month/	or Claimed (Month/
,	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use	Renew able Resource	Generated (Month/ Year)	Acquired (Month/ Year)	or Claimed (Month/ Year)
,	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use	Renew able Resource	Generated (Month/ Year) 1/1/2017	Acquired (Month/ Year) 1/1/2017	or Claimed (Month/ Year)
,	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use 0	Renew able Resource	Generated (Month/ Year) 1/1/2017 2/1/2017	Acquired (Month/ Year) 1/1/2017 2/1/2017	or Claimed (Month/ Year) / 1/1/2017 / 2/1/2017
,	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use  0 0 0	Renew able Resource	Generated (Month/ Year)  1/1/2017  2/1/2017  3/1/2017	Acquired (Month/ Year) 1/1/2017 2/1/2017 3/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use  0 0 0 0	Renew able Resource Type	Generated (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017	Acquired (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017
,	Capacity/OR Share of	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use  0 0 0 0 0	Renew able Resource	Generated (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use  0 0 0 0 0 0	Renew able Resource Type	Generated (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017	Acquired (Month/ Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  6/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use  0 0 0 0 0 0 0 0	Renew able Resource Type	Generated (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017	or Claimed (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use  0 0 0 0 0 0 0 0 0 0	Renew able Resource Type	Generated (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	or Claimed (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017 8/1/2017 9/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use  0 0 0 0 0 0 0 0 0 0 0 0	Renew able Resource Type	Generated (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	or Claimed (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Repor ing	Banked for Future Use  0 0 0 0 0 0 0 0 0 0 0 0 0 0	Renew able Resource Type	Generated (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	or Claimed (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017 8/1/2017 9/1/2017

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
								0		1/1/2017	1/1/2017	1/1/2017
								0		2/1/2017	2/1/2017	2/1/2017
								0		3/1/2017	3/1/2017	3/1/2017
								0		4/1/2017	4/1/2017	4/1/2017
								0		5/1/2017	5/1/2017	5/1/2017
Chopin Wind Farm	10.0 MW Installed Capacity	Umatilla County, OR	COD = 2016	100% Panawahla	No			0	Wind	6/1/2017	6/1/2017	6/1/2017
Chopin Wind Lann	10.0 IVIVV IIIStalled Capacity	Ornatilia County, Ort	COD = 2010	100% Neriew able	INO			0	vviila	7/1/2017	7/1/2017	7/1/2017
								0		8/1/2017	8/1/2017	8/1/2017
								0		9/1/2017	9/1/2017	9/1/2017
								0		10/1/2017	10/1/2017	10/1/2017
								0		11/1/2017	11/1/2017	11/1/2017
								0		12/1/2017	12/1/2017	12/1/2017
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of	Generator Location	First Year of Delivery	Generated For	Previously Banked	Total Generated	Total MWh Used to Meet Sales Requiremen	Total MWh Banked for	Fuel/ Renew able	Date Generated (Month/	Date Acquired (Mon h/	Date Used or Claimed (Month/
	Capacity (MW)	(City/County, State)	or Contract	(Product Name)	(Yes/No)	MWh	t This Reporting Year	Future Use	Resource Type	Year)	Year)	Year)
	Capacity (MW)	(City/County, State)	or Contract	(Froduct Name)	(Yes/No)		Reporting	Future Use 0		Year) 1/1/2017	`	`
	Capacity (MW)	(City/County, State)	or Contract	(Product Name)	(Yes/No)		Reporting			,	Year)	Year)
	Capacity (MW)	(City/County, State)	or Contract	(Product Name)	(Yes/No)		Reporting	0		1/1/2017	Year) 1/1/2017	Year)
	Capacity (MW)	(City/County, State)	or Contract	(Product Name)	(Yes/No)		Reporting	0		1/1/2017 2/1/2017	Year)  1/1/2017  2/1/2017	Year)  1/1/2017  2/1/2017
	Capacity (MW)	(City/County, State)	or Contract	(Product Name)	(Yes/No)		Reporting	0 0 0		1/1/2017 2/1/2017 3/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017
							Reporting	0 0 0	Туре	1/1/2017 2/1/2017 3/1/2017 4/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017
⊟khorn Valley Wind Farm	Capacity (MW)  100.65 MW Installed Capacity			(Product Name)			Reporting	0 0 0 0		1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017
							Reporting	0 0 0 0 0	Туре	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  6/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  6/1/2017
							Reporting	0 0 0 0 0 0	Туре	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  6/1/2017  7/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  6/1/2017  7/1/2017
							Reporting	0 0 0 0 0 0	Туре	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017
							Reporting	0 0 0 0 0 0 0 0	Туре	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017
							Reporting	0 0 0 0 0 0 0 0 0	Туре	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017

List of New Generation	<u>Used to Meet Sales Re</u>	equirement			_							
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Mon h/ Year)	Date Used or Claimed (Month/ Year)
								0		1/1/2017	1/1/2017	1/1/2017
								0		2/1/2017	2/1/2017	2/1/2017
								0		3/1/2017	3/1/2017	3/1/2017
								0		4/1/2017	4/1/2017	4/1/2017
								0		5/1/2017	5/1/2017	5/1/2017
Four Corners Windfarm	10.0 MW Installed Capacity	Llma illa County OR	COD = 2009	100% Renew able	No			0	Wind	6/1/2017	6/1/2017	6/1/2017
Tour comore windram	10.0 WWW inicialica capacity	one me ocenty, or	000 - 2000	10070 Nonew abic	140			0	· · · · · ·	7/1/2017	7/1/2017	7/1/2017
								0		8/1/2017	8/1/2017	8/1/2017
								0		9/1/2017	9/1/2017	9/1/2017
								0		10/1/2017	10/1/2017	10/1/2017
								0		11/1/2017	11/1/2017	
								0		12/1/2017	12/1/2017	12/1/2017
							-					
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Mon h/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for	Renew able Resource	Generated (Mon h/	Acquired (Month/	or Claimed (Month/ Year)
	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use	Renew able Resource	Generated (Mon h/ Year)	Acquired (Month/ Year)	or Claimed (Month/ Year)
	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use	Renew able Resource	Generated (Mon h/ Year) 1/1/2017	Acquired (Month/ Year) 1/1/2017	or Claimed (Month/ Year) 1/1/2017
	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0	Renew able Resource	Generated (Mon h/ Year) 1/1/2017 2/1/2017	Acquired (Month/ Year) 1/1/2017 2/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017
	Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0 0	Renew able Resource	Generated (Mon h/ Year)  1/1/2017  2/1/2017  3/1/2017	Acquired (Month/ Year) 1/1/2017 2/1/2017 3/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0 0 0	Renew able Resource Type	Generated (Mon h/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017	Acquired (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017
	Capacity/OR Share of	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0 0 0 0	Renew able Resource	Generated (Mon h/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0 0 0 0 0	Renew able Resource Type	Generated (Mon h/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0 0 0 0 0 0 0	Renew able Resource Type	Generated (Mon h/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0 0 0 0 0 0 0 0 0	Renew able Resource Type	Generated (Mon h/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017	Acquired (Month/ Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  7/1/2017  8/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017 8/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0 0 0 0 0 0 0 0 0 0 0	Renew able Resource Type	Generated (Mon h/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017 8/1/2017 9/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	or Claimed (Month/ Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  7/1/2017  8/1/2017  9/1/2017
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	of Delivery or Contract	(Product Name)	Banked (Yes/No)	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for Future Use  0 0 0 0 0 0 0 0 0 0 0 0 0 0	Renew able Resource Type	Generated (Mon h/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	Acquired (Month/ Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	or Claimed (Month/ Year) 1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location	First Year of Delivery or Contract	Generated For		Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year		Fuel/ Renew able Resource Type	Generated	Acquired (Month/	Date Used or Claimed (Month/ Year)
								0		1/1/2017	1/1/2017	1/1/2017
								0		2/1/2017	2/1/2017	2/1/2017
								0		3/1/2017	3/1/2017	3/1/2017
								0		4/1/2017	4/1/2017	4/1/2017
								0		5/1/2017	5/1/2017	5/1/2017
Juniper Canyon	151.2 MW Installed Capacity	Klickitat County MA	COD = 2011	100% Renew able	No			0	Wind	6/1/2017	6/1/2017	6/1/2017
Juniper Carryon	131.2 WW Installed Capacity	Rickitat County, WA	COD = 2011	100% Neriew able	NO			0	vviila	7/1/2017	7/1/2017	7/1/2017
								0		8/1/2017	8/1/2017	8/1/2017
								0		9/1/2017	9/1/2017	9/1/2017
								0		10/1/2017	10/1/2017	10/1/2017
								0		11/1/2017	11/1/2017	11/1/2017
								0		12/1/2017	12/1/2017	12/1/2017

Generator Facility Name o Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Congrator Location	First Year of Delivery or Contract	Generated For (Product Name)		Requiremen	Total MWh	Fuel/ Renew able Resource Type	Generated	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
				·			0		1/1/2017	1/1/2017	1/1/2017
							0		2/1/2017	2/1/2017	2/1/2017
							0		3/1/2017	3/1/2017	3/1/2017
							0		4/1/2017	4/1/2017	4/1/2017
							0		5/1/2017	5/1/2017	5/1/2017
Leaning Juniper I	100 5 MW Installed Capacity	Gilliam County, OR	COD - 2006	100% Panawahla	No		0	Wind	6/1/2017	6/1/2017	6/1/2017
Learning Juniper 1	100 5 WW Installed Capacity	Gilliam County, OK	COD = 2000	100 % Reflew able	NO		0	vviilu	7/1/2017	7/1/2017	7/1/2017
							0		8/1/2017	8/1/2017	8/1/2017
							0		9/1/2017	9/1/2017	9/1/2017
							0		10/1/2017	10/1/2017	10/1/2017
							0		11/1/2017	11/1/2017	11/1/2017
							0		12/1/2017	12/1/2017	12/1/2017

Leaning Juniper II 20	201 0 MW Installed Capacity	Gilliam County, OR						0		1/1/2017 2/1/2017	1/1/2017 2/1/2017	1/1/2017 2/1/2017
			COD = 2011	100% Renew able	No			0 0 0 0 0 0 0 0	Wind	3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017 11/1/2017 12/1/2017	3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	3/1/2017 4/1/2017
Generator Facility Name or Ca	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh		Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
Neal Hot Springs Unit #1 33	33.0 MW Installed Capacity	Malheur County, OR	COD = 2012	100% Renew able	No		eal	0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 12/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Mon h/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
								0		1/1/2017	1/1/2017	1/1/2017
								0		2/1/2017	2/1/2017	2/1/2017
								0		3/1/2017	3/1/2017	3/1/2017
								0		4/1/2017	4/1/2017	4/1/2017
								0		5/1/2017	5/1/2017	5/1/2017
Oregon Trail Windfarm LLC	9.9 MW Installed Capacity	Umatilla County, OR	COD = 2009	100% Renew able	No			0	Wind	6/1/2017	6/1/2017	6/1/2017
Oregon trail William LEO	5.5 WWW Installed Capacity	ornatina county, ort	OOD = 2003	100% Notice abic	140			0	WIIIG	7/1/2017	7/1/2017	7/1/2017
								0		8/1/2017	8/1/2017	8/1/2017
								0		9/1/2017	9/1/2017	9/1/2017
								0		10/1/2017	10/1/2017	10/1/2017
								0		11/1/2017	11/1/2017	11/1/2017
								0		12/1/2017	12/1/2017	12/1/2017
Generator Facility Name or	Generator Facility	Generator Location	First Year of Delivery	Generated For	Previously Banked	Total Generated	Total MWh Used to Meet Sales Requiremen	Total MWh	Fuel/ Renew able	Date Generated	Date Acquired	Date Used or Claimed
Wholesale Supplier	Capacity/OR Share of Capacity (MW)	(City/County, State)	or Contract	(Product Name)	(Yes/No)	MWh	t This Reporting Year	Future Use	Resource Type	(Mon h/ Year)	(Month/ Year)	(Month/ Year)
Wholesale Supplier		(City/County, State)		(Product Name)			Reporting			`	`	`
Wholesale Supplier		(City/County, State)		(Product Name)			Reporting	Future Use		Year)	Year)	Year)
Wholesale Supplier		(City/County, State)		(Product Name)			Reporting	Future Use 0		Year) 1/1/2017	Year) 1/1/2017	Year) 1/1/2017
Wholesale Supplier		(City/County, State)		(Product Name)			Reporting	Future Use 0 0		Year) 1/1/2017 2/1/2017	Year) 1/1/2017 2/1/2017	Year) 1/1/2017 2/1/2017
Wholesale Supplier		(City/County, State)		(Product Name)			Reporting	Future Use  0 0 0		Year)  1/1/2017  2/1/2017  3/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017
	Capacity (MW)		or Contract		(Yes/No)		Reporting	Future Use  0 0 0 0	Туре	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017
Wholesale Supplier  Pacific Canyon Windfarm LLC	Capacity (MW)		or Contract		(Yes/No)		Reporting	Future Use  0 0 0 0 0 0		Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  6/1/2017  7/1/2017
	Capacity (MW)		or Contract		(Yes/No)		Reporting	Future Use  0 0 0 0 0 0 0 0	Туре	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  6/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017
	Capacity (MW)		or Contract		(Yes/No)		Reporting	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Туре	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	Year)  1/1/2017  2/1/2017  3/1/2017  4/1/2017  5/1/2017  6/1/2017  7/1/2017
	Capacity (MW)		or Contract		(Yes/No)		Reporting	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Туре	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017
	Capacity (MW)		or Contract		(Yes/No)		Reporting	Future Use  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Туре	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017
	Capacity (MW)		or Contract		(Yes/No)		Reporting	Future Use  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Туре	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017	Year)  1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017

Sand Ranch Windfarm LLC   9 90 MW Installed Capacity   Morrow County, OR   COD = 2009   100% Renewable   No	Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Mon h/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
Sand Ranch Windfarm LLC   9 90 MW Installed Capacity   Morrow County, OR   COD = 2009   100% Renewable   No									0		1/1/2017		1/1/2017
Sand Ranch Windfarm LLC  Sand Ranch Ranch Ranch Windfarm Ranch Ranc													
Sand Ranch Windfarm LLC  9 90 MW Installed Capacity  Morrow County, OR  COD = 2009  100% Renew able  No  No  Wind  5/1/2017  6													
Sand Ranch Windfarm LLC  9 90 MW Installed Capacity  Morrow County, OR  COD = 2009 100% Renewable  No  OD = 2009 100% Renewable  No  No  No  No  No  OD = 2009 100% Renewable  No  No  No  No  No  No  No  No  No  N													
Sand Ranch Windfarm LLC   990 MW Installed Capacity   Morrow County, OR   COD = 2009   100% Renewable   No     0   0   0   0   0   0   0   0   0													
Senerator Facility Name or Wholesale Supplier   Generator Facility Capacity (MW)   Generator Location (City/County, State)   First Year of Capacity (MW)   First Year   Generated For Capacity (MW)   First Year of Delivery or Contract   First Year of Delivery (Product Name)   First Yea	Sand Ranch Windfarm LLC	9 90 MW Installed Capacity	Morrow County, OR	COD = 2009	100% Renew able	No				Wind			
Generator Facility Name or Wholesale Supplier   Generator Facility Capacity (NW)   Generator Location (City/County, State)													
Capacity Name or Wholesale Supplier   Capacity (MW)   Generator Location (City/County, State)   Generated For Gapacity (MW)   Total Generated For Capacity (MW)   Generated For Capacity (MW)   Total Generated Generated Generated (Month) (Mon										1			
Capacity/OR Share of Wholesale Supplier   Generator Facility Capacity/OR Share of Capacity (MW)   Generator State   Generated For Or Contract   Generated For Or Contrac													
Comparity Name or Wholesale Supplier   Generator Facility Name or Wholesale Supplier   Generator Facility Name or Wholesale Supplier   Generator Facility Name or Wholesale Supplier   Generator City/County, State)   First Year of Delivery or Contract   Generated For (Product Name)   Previously Banked for (Product Name)   Previously Banked for (Product Name)   Fuel/ Sanked for Future Use   Generated Resource (Month/Year)   Total MWh Banked for Future Use   Reporting Year   O   1/1/2017   1/										1			
Generator Facility Name or Wholesale Supplier   Generator Facility Capacity/OR Share of Capacity (MW)   Generator Location (City/County, State)   Generated For Or Or Contract   Generated For Or Or Contract   Generated For Or Or Contract   Generated For Or Capacity (MW)   Generated For Or Capacity (Month Value)   Generated For Future Use Reporting Year   Generated For Or Capacity (Month Value)   Generated For Future Use Reporting Year   Generated For Future Use Reporting Year   Generated For Future Use Reporting Year   Generated For Future Use Resource Future Use Reporting Year   Generated For Future Use Resource Future Use Future Use Future Use Generated For Future Use Future U										1			
Generator Facility Name or Wholesale Supplier   Generator Facility Capacity/OR Share of Capacity (MW)   Generator Location (City/County, State)   Generated For (Product Name)   Generat													
Generator Facility Name or Wholesale Supplier   Generator Facility Capacity/OR Share of Capacity (MW)   Generator Location (City/County, State)   Generated For (Product Name) or Contract   Generated For (Product Name) or Contract   Generated For (Product Name) or Contract   Generated For (Product Name)   Generated For (Product Name)   Generated For (Product Name)   Generated For (Product Name)   Total Mean Requirement of This Reporting Year   Total MWh Banked for Future Use Resource Type   Total MWh Ban													
Threemile Canyon Wind  9 90 MW Installed Capacity  Morrow County, OR COD = 2009  Threewable  No  0 1/1/2017 1/1/2017 2/1/2017 2/1/2017 2/1/2017 3/1/2017 3/1/2017 3/1/2017 3/1/2017 3/1/2017 3/1/2017 5/1		Capacity/OR Share of		of Delivery		Banked	Generated	Used to Meet Sales Requiremen t This Reporting	Banked for	Renew able Resource	Generated (Mon h/	Acquired (Month/	or Claimed (Month/
Threemile Canyon Wind  9 90 MW Installed Capacity  Morrow County, OR COD = 2009 100% Renew able  No  0 3/1/2017 3/1/2017 4/1/2017 4/1/2017 5/1/2017 5/1/2017 5/1/2017 5/1/2017 5/1/2017 6/1/2017 6/1/2017 6/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017									0		1/1/2017	1/1/2017	1/1/2017
Threemile Canyon Wind  9 90 MW Installed Capacity  Morrow County, OR COD = 2009 100% Renewable  No  0 4/1/2017 4/1/2017 5/1/2017 5/1/2017 5/1/2017 5/1/2017 6/1/2017 6/1/2017 6/1/2017 6/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017									0		2/1/2017	2/1/2017	2/1/2017
Threemile Canyon Wind  9 90 MW Installed Capacity  Morrow County, OR COD = 2009 100% Renewable  No  0 5/1/2017 5/1/2017 5/1/2017 6/1/2017 6/1/2017 6/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 8/1/2017 8/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017									0		3/1/2017	3/1/2017	3/1/2017
Threemile Canyon Wind 9 90 MW Installed Capacity Morrow County, OR COD = 2009 100% Renewable No 0 0 Wind 6/1/2017 6/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 8/1/2017 8/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017									0		4/1/2017	4/1/2017	4/1/2017
Threemile Canyon Wind 9 90 MW Installed Capacity Morrow County, OR COD = 2009 100% Renewable No 0 Wind 7/1/2017 7/1/2017 7/1/2017 7/1/2017 7/1/2017 8/1/2017 8/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017 9/1/2017									0		5/1/2017		
0 7/1/2017 7/1/2017 7/1/2017 0 8/1/2017 8/1/2017 8/1/2017 0 9/1/2017 9/1/2017 9/1/2017	Threemile Canyon Wind	9 90 MW Installed Capacity	Morrow County OR	COD = 2009	100% Renewable	No				Wind	6/1/2017		6/1/2017
0 9/1/2017 9/1/2017 9/1/2017	333 33, 3 141114	2 22 Hotalica capacity	,	232 2300	111/01/01/01/01/01/01/01/01/01/01/01/01/								
									0		10/1/2017	10/1/2017	
0 11/1/2017 11/1/2017 11/1/2017													
0 12/1/2017 12/1/2017 12/1/2017	1								0		12/1/2017	12/1/2017	12/1/2017

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
								0		1/1/2017	1/1/2017	1/1/2017
								0		2/1/2017	2/1/2017	2/1/2017
								0		3/1/2017	3/1/2017	3/1/2017
								0		4/1/2017	4/1/2017	
								0		5/1/2017	5/1/2017	
Wagon Trail LLC	3 30 MW Installed Capacity	Morrow County, OR	COD = 2009	100% Renew able	No			0	Wind	6/1/2017	6/1/2017	
1129-1112		,,						0		7/1/2017	7/1/2017	7/1/2017
								0		8/1/2017	8/1/2017	8/1/2017
								0		9/1/2017	9/1/2017	
								0		10/1/2017	10/1/2017	
								0		11/1/2017	11/1/2017	11/1/2017
								0		12/1/2017	12/1/2017	12/1/2017
					<u> </u>		·	-		<u> </u>		
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Previously Banked (Yes/No)	Total Generated MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)
								0		1/1/2017	1/1/2017	1/1/2017
								0		2/1/2017	2/1/2017	2/1/2017
								0		3/1/2017	3/1/2017	3/1/2017
								0		4/1/2017	4/1/2017	4/1/2017
								0		5/1/2017	5/1/2017	5/1/2017
Ward Butte Windfarm	6 60 MW Installed Capacity	Morrow County OR	COD = 2009	100% Renew able	No			0	Wind	6/1/2017	6/1/2017	
TVAIG BALLO VIIIGIGIIII	5 55 WWW motalica capacity		2009	. 50 /6 I TOHOW ADIE	140			0	· · · · · · · · · · · · · · · · · · ·	7/1/2017	7/1/2017	7/1/2017
								0		8/1/2017	8/1/2017	8/1/2017
								0		9/1/2017	9/1/2017	9/1/2017
								0		10/1/2017	10/1/2017	10/1/2017
								0	[	11/1/2017	11/1/2017	11/1/2017
1												
								0		12/1/2017	12/1/2017	12/1/2017

List of Existing Generation Used to Meet Sales Requirement

Generato	Generat	Generator	First	Generat	Previously	Total	Total	Total	Fuel/	Date	Date	Date Used
r Facility	or	Location	Year	ed For	Banked	Generat	MWh	MWh	Renewa	Generated	Acquired	or Claimed
Name or	Facility	(City/Cou	of	(Product	(Yes/No)	ed MWh	Used to	Bank	ble	(Month/	(Month/	(Month/
Wholesal	Capacit	nty, State)	Delive	Name)			Meet	ed for	Resourc	Year)	Year)	Year)
е	y/OR		ry or				Sales	Futur	e Type			
Supplier	Share		Contra				Require	e Use				
	of		ct				ment					
	Capacit						This					
	y (MW)						Reporti					
							ng Year					
						Total:	0					

#### List of New Renewable Energy Certificates (or Tradable Renewable Certificates) Used to Meet Sales Requirement

	erator Facility Name or		Generator Location			Bundled/Un- bundled	Previously	Generator	Meet Sales Requiremen t This Reporting	Banked for	Fuel/ Renewable Resource Type	Generated	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
										0		1/1/2017	1/1/2017		-1	
										0		2/1/2017	2/1/2017	2/1/2017	-1	
										0	Į	3/1/2017	3/1/2017	3/1/2017	-1	
										0		4/1/2017	4/1/2017		-1	
										0		5/1/2017 6/1/2017	5/1/2017 6/1/2017	•	-1	
	Big Top LLC	1 65 MW Installed Capacity	Morrow County, OR	COD = 2009	100% Renew able	Bundled	No			0	Wind	7/1/2017		•	-1	
										0		8/1/2017			1	
										0		9/1/2017	9/1/2017	9/1/2017		
										0		10/1/2017			-1	
										0		11/1/2017	11/1/2017		-1	
_										0		12/1/2017	12/1/2017	12/1/2017		

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting	Total MWh Banked for Future Use	Fuel/ Renewable Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Butter Creek Power LLC	4.95 MW Installed Capacity	Umatilla County, OR	COD = 2009	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract		Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Chopin Wind Farm	10.0 MW Installed Capacity	Umatilla County, OR	COD = 2016	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 12/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 12/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	

Generator Facility Name or Wholesale Supplier	Labacity/UR Share of	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
⊟khorn Valley Wind Farm	00 65 MW Installed Capacity	Union County, OR	COD = 2017	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting		Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Four Corners Windfarm	10.0 MW Installed Capacity	Umatilla County, OR	COD = 2009	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Four Mile Canyon Windfarm	10.0 MW Installed Capacity	Umatilla County, OR	COD = 2009	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 11/1/2017 12/1/2017	No	
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Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract		Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renewable Resource Type	Date Generated (Month/ Year)	Acquired	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Juniper Canyon	151 2 MW Installed Capacity	Klickitat County, WA	COD = 2011	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017 11/1/2017	No	

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract		Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Leaning Juniper I	100 5 MW Installed Capacity	Gilliam County, OR	COD = 2006	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract		Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Leaning Juniper II	201.0 MW Installed Capacity	Gilliam County, OR	COD = 2011	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 12/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 12/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017 11/1/2017	No	

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Neal Hot Springs Unit #1	33 0 MW Installed Capacity	Malheur County, OR	COD = 2012	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 11/1/2017 12/1/2017	No	
Generator Facility Name or Wholesale Supplier		Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Generated	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Oregon Trail Windfarm LLC	9.9 MW Installed Capacity	Umatilla County, OR	COD = 2009	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017 11/1/2017 12/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Total MWh Used to Meet Sales Requiremen t This Reporting Year	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Acquired	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Pacific Canyon Windfarm LLC	8.25 MW Installed Capacity	Morrow County, OR	COD = 2009	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 10/1/2017 11/1/2017 12/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 12/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 12/1/2017	No	
			•			•	Generator		· ·	•	*	•	•	•	
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	of Delivery	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Used Total Represente d MWh Generator Used Total Represente d MWh	t This Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)		Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Sand Ranch Windfarm LLC	9.90 MW Installed Capacity	Morrow County, OR	COD = 2009	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	

Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract		Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Threemile Canyon Wind	9 90 MW Installed Capacity	Morrow County, OR	COD = 2009	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	
Generator Facility Name or Wholesale Supplier	Generator Facility Capacity/OR Share of Capacity (MW)	Generator Location (City/County, State)	First Year of Delivery or Contract	Generated For (Product Name)	Bundled/Un- bundled	Previously Banked (Yes/No)	Generator Used Total Represente d MWh Generator Used Total Represente d MWh	Meet Sales Requiremen t This Reporting	Total MWh Banked for Future Use	Fuel/ Renew able Resource Type	Date Generated (Month/ Year)	Date Acquired (Month/ Year)	Date Used or Claimed (Month/ Year)	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
Wagon Trail LLC	3 30 MW Installed Capacity	Morrow County, OR	COD = 2009	100% Renew able	Bundled	No			0 0 0 0 0 0 0 0 0	Wind	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017	1/1/2017 2/1/2017 3/1/2017 4/1/2017 5/1/2017 6/1/2017 7/1/2017 8/1/2017 9/1/2017 10/1/2017 11/1/2017	No	

Generator Facility Name or Wholesale Supplier		Generator Location			Bundled/Un- bundled	Previously Banked (Yes/No)	Represente d MWh Generator Used	Meet Sales Requiremen t This Reporting	Banked for	Resource	Generated (Month/	Acquired (Month/	(Month/	Sold but Used for Compliance During Previous Reporting Period (Yes/No)	WREGIS Serial Number
									0		1/1/2017	1/1/2017	1/1/2017		
									0		2/1/2017	2/1/2017	2/1/2017		
									0		3/1/2017	3/1/2017	3/1/2017	4	
									0		4/1/2017		4/1/2017	4	
									0		5/1/2017	5/1/2017	5/1/2017	4	
Ward Butte Windfarm	6.60 MW Installed Capacity	Morrow County, OR	COD = 2009	100% Renew able	Bundled	No			0	Wind	6/1/2017	6/1/2017		l No	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							0		7/1/2017	7/1/2017	7/1/2017		
									0		8/1/2017	8/1/2017	8/1/2017	4	
									0		9/1/2017	9/1/2017	9/1/2017	4	
									0		10/1/2017		10/1/2017	4	
									0		11/1/2017		11/1/2017	4	
									0		12/1/2017	12/1/2017	12/1/2017		

#### Sale of Block\* Products

Product Name	Block Size (kWh)	Residentia Customer Blocks	Non-Residential Customer Blocks Sold	Total Blocks Sold	New Renewables MWh Sold	Existing Renewables MWh Sold	Total MWh Sold
100% Renewable		0	1		1		
Total Block Sales			1		1		

Total Bioch Sales

<sup>\*</sup>Avangrid Renewables, LLC is interpreting "block" to mean the type of power being sold as 100% renewable energy.

## Sale of Blended Products

Product Name	% New Renewables in Product	% Existing Renewables in Product	Residential Customer MWh Sold	Non- Residential Customer MWh Sold	New Renewables MWh Sold	Existing Renewables MWh Sold	Total MWh Sold
			NIA				
			Total: 0				

Reporting Year: 2017

Power Source and Environmental Impact Reconciliation Electricity Service Supplier Name: Avangrid Renewables, LLC

Marketer Name: Avangrid Renewables, LLC

Reporting Year: 2017

Portfolio Options Cost Reconciliation	
Total Revenue	
Portion Allocated to Development Fund	
Spend for Community Based Projects	
Spent for REC Purchases	
Spent for Transaction Fees	
Spent for Generation Purchases	Not applicable to Avangrid
Spent for Marketing	Renewables, LLC
Spent for Marketer Profit & Overhead	
Spent for Company Administration	
Spent for Company Advertising	
Total Expense	
Expense/Revenue Ratio	

#### **Certificate of Service**

I hereby certify that I served a true and correct copy of the foregoing document in Docket UM 1954 on the following named persons on the date indicated below by email addressed to said persons at his or her last-known address indicated below

Paul Rossow Public Utility Commission of Oregon PO Box 1088 Salem OR 97308-1088 paul.rossow@state.or.us

Johanna Riemenschneider Oregon Department of Justice 1162 Court Street NE Salem, OR 97301-4796 johanna.riemenschneider@doj.state.or.us

DATED: August 31, 2018

Wendy Maladoo
Wendy McIndoo
Office Manager