

March 2, 2011

# VIA ELECTRONIC FILING AND OVERNIGHT DELIVERY

Oregon Public Utility Commission 550 Capitol Street NE, Ste 215 Salem, OR 97301-2551

Attn: Filing Center

# RE: Docket UM 1050 - Errata to Exhibit PPL/101 (Appendices A, B, and C) accompanying the Direct Testimony of Andrea L. Kelly in the Petition of PacifiCorp Requesting Approval of Amendments to the Revised Protocol Allocation Methodology

PacifiCorp d/b/a Pacific Power (Company) encloses for filing an original and five (5) copies of an errata sheet and specific replacement pages to Exhibit PPL/101 (Appendices A, B and C) accompanying the Direct Testimony of Andrea L. Kelly originally filed on September 15, 2010. This errata corrects typographical errors and omissions only and has no impact to the calculations and intended use of the 2010 Protocol as filed.

Please contact Joelle Steward, Regulatory Manager at (503) 813-5542 for questions on this matter.

Sincerely, Andrea L. Kelly

Vice President, Regulation

Enclosures

cc: Service List – UM 1050

#### **CERTIFICATE OF SERVICE**

I hereby certify that I served a true and correct copy of the foregoing document, in Docket UM 1050, on the date indicated below by email and/or overnight delivery, addressed to said parties at his or her last-known address(es) indicated below.

#### Service List UM-1050

Gordon Feighner (C) (W) Citizens' Utility Board of Oregon 610 SW Broadway, Suite 400 Portland, OR 97205 Gordon@oregoncub.org

G. Catriona McCracken (C) (W) Citizens' Utility Board of Oregon 610 SW Broadway, Suite 400 Portland, OR 97205 Catriona@oregoncub.org

John C. Sturm (C) (W) Citizens' Utility Board of Oregon 610 SW Broadway, Suite 400 Portland, OR 97205 John@oregoncub.org

Melinda Davison (C) Davison Van Cleve PC 333 SW Taylor, Suite 400 Portland, OR 97204 <u>mail@dvclaw.com</u>

Michael Early ICNU 1300 SW 5<sup>th</sup> Ave, Suite 1750 Portland, OR 97204-2446 Mearly@icnu.org

Steven Weiss Northwest Energy Coalition 4422 Oregon Trail Ct. NE Salem, OR 97305 steve@nwenergy.org Robert Jenks (C) (W) Citizens' Utility Board of Oregon 610 SW Broadway, Suite 400 Portland, OR 97205 Bob@oregoncub.org

Raymond Myers (C) (W) Citizens' Utility Board of Oregon 610 SW Broadway, Suite 400 Portland, OR 97205 Ray@oregoncub.org

Irion Sanger (C) Davison Van Cleve PC 333 SW Taylor, Suite 400 Portland, OR 97204 <u>ias@dvclaw.com</u>

Stephanie S. Andrus (C) (W) Department of Justice Regulated Utility & Business Section 1162 Court St. NE Salem, OR 97301-4096 <u>stephanie.andrus@state.or.us</u>

Katherine A. McDowell (C) McDowell & Associates PC 419 SW 11<sup>th</sup> Ave., Suite 400 Portland, OR 97205 Katherine@mcd-law.com

Ryan Flynn (C) (W) PacifiCorp 825 NE Multnomah, Suite 1800 Portland, OR 97232 Ryan.flynn@pacificorp.com Oregon Dockets (W) PacifiCorp 825 NE Multnomah, Suite 1800 Portland, OR 97232 oregondockets@pacificorp.com

V. Denise Saunders Portland General Electric 121 SW Salmon Street, 1WTC1301 Portland, OR 97204 Denise.saunders@pgn.com

Donald W. Schoenbeck (C) Regulatory & Cogeneration Services, Inc. 900 Washington St, Suite 780 Vancouver, WA 98660-3455 dws@r-c-s-inc.com Patrick G. Hager Portland General Electric 121 SW Salmon Street, 1WTC0702 Portland, OR 97204 Pge.opuc.filings@pgn.com

Marc Hellman (C) (W) Oregon Public Utility Commission P.O. Box 2148 Salem, OR 97308-2148 Marc.hellman@state.or.us

DATED: March 2, 2011

Ariel Son

Coordinator, Regulatory Operations

## Errata Sheet

# Exhibit PPL/101 (Appendices A, B, and C) accompanying the Direct Testimony of Andrea L. Kelly in the Petition of PacifiCorp Requesting Approval of Amendments to the Revised Protocol Allocation Methodology

## March 2, 2011

This Errata Sheet lists corrections to pages of Appendices A, B and C of Exhibit PPL/101 accompanying the Direct Testimony of Andrea L. Kelly dated September 2010. Revised pages of Appendices A, B, and C are attached to replace and supersede the pages originally filed on September 15, 2010.

The corrections are as follows:

## Exhibit PPL/101 - 2010 Protocol - Appendix A - Defined Terms:

- Page 17 of 57 on the last line in the definition of "Forecasted Embedded Costs Hydro-Electric Resources", the reference to "Revised Protocol" corrected to reference "2010 Protocol".
- Page 18 of 57 on the last line in the definition of "Forecasted Embedded Costs Pre-2005 Resources", the reference to "Revised Protocol" corrected to reference "2010 Protocol".
- Page 19 of 57 on the last line in the definition of "New Resources", the reference to "Protocol" corrected to reference "2010 Protocol".

# Exhibit PPL/101 - 2010 Protocol - Appendix B – Allocation Factor Applied to each Component of Revenue Requirement:

- Page 29 of 57 the description shown for FERC Account 40911 corrected to reference "State Income Taxes" and "Internal calculation using blended statutory state and local income tax rate". The allocation factor is corrected to reference the system factor "S" instead of "IBT".
- Page 30 of 57 the description shown for FERC Account 1011390 corrected to reference "Production / Transmission" instead of "Generation / Transmission".
- Page 31 of 57 the allocation factors shown for FERC Account 154:
  - "Production Common" corrected to reference the system generation factor "SG" instead of "SNPPS";
  - "Hydro" corrected to reference the system generation factor "SG" instead of "SNPPH"; and
  - "Production, Other" corrected to reference the system generation factor "SG" instead of "SNPPO".
- Page 31 of 57 the allocation factor shown for FERC Account 25318 for "Provo Working Capital Deposit" corrected to reference the system generation factor "SG" instead of "SNPPS".
- Page 32 of 57 the allocation factor shown for FERC Account 186M for "Production Common" corrected to reference the system generation factor "SG" instead of "SNPPS".

- Page 33 of 57 two "depreciation" allocation factors added to FERC Account 282 as follows:
  - "Depreciation" with allocation factor of "TAXDEPR"; and
  - "Depreciation" with allocation factor of "SCHMDEXP".

# Exhibit PPL/101 - 2010 Protocol - Appendix C – Allocation Factors Algebraic Derivations:

- Page 41 of 57 the "System Net Plant Production Steam Factor ("SNPPS")" algebraic derivation deleted entirely, as this allocation factor is not relevant to the 2010 Protocol.
- Page 42 of 57 the "System Net Plant Production Hydro Factor ("SNPPH")" algebraic derivation deleted entirely, as this allocation factor is not relevant to the 2010 Protocol.
- Page 44 of 57 the "Income Before Taxes Factor ("IBT")" algebraic derivation deleted entirely, as this allocation factor is not relevant to the 2010 Protocol.
- Page 46 of 57 the "Schedule M Deductions ("SCHMD")" algebraic derivation corrected to reference "SCHMDEXP" instead of "SCHMD" in four instances.

# REVISED PAGES OF EXHIBIT PPL/101 (APPENDICES A, B, AND C) ACCOMPANYING THE DIRECT TESTIMONY OF ANDREA L. KELLY

"Direct Access Customers" means retail electricity consumers located in PacifiCorp's service territory that either: a) purchase electricity directly from a supplier other than PacifiCorp pursuant to a Direct Access Program or b) elect to have all or a portion of the electricity they purchase from PacifiCorp priced based upon market prices rather than the Company's traditional cost-of-service rate. If a State implements a Direct Access Program pursuant to which Freed-Up Resources are transferred between customer classes, such transfers shall be considered Direct Access Purchases and Sales.

"Direct Access Program" means a law or regulation that permits retail consumers located in PacifiCorp's service territory to purchase electricity directly from a supplier other than PacifiCorp.

"Direct Access Purchases and Sales" means Wholesale Contracts and Short-Term Purchases and Sales entered into by PacifiCorp either to supply customers who have become Direct Access Customers or to dispose of Freed-Up Resources.

"Energy-Related Costs" means costs, such as fuel costs that vary with the amount of energy delivered by the Company to its customers during any hour plus any portion of Fixed Costs that have been deemed to have been incurred by the Company in order to meet its energy requirements.

"Existing Resources" means Resources whose costs were committed to prior to Direct Access Customers making an election to permanently forego being served by the Company at a cost-of-service rate.

"FERC" means the Federal Energy Regulatory Commission.

"Fixed Costs" means costs incurred by the Company that do not vary with the amount of energy delivered by the Company to its customers during any hour.

**"Forecasted Embedded Costs – Hydro-Electric Resources"** means PacifiCorp's total forecasted production costs contained in the Company's Baseline Study, for calendar years 2011 through 2016, expressed in dollars per MWh, associated with Hydro-Electric Resources as recorded in the FERC Accounts listed in Appendix E to the 2010 Protocol.

2010 Protocol - Appendix A

**"Forecasted Embedded Costs – Pre-2005 Resources"** means PacifiCorp's total forecasted production costs of Pre-2005 Resources contained in the Company's Baseline Study, for calendar years 2011 through 2016, expressed in dollars per MWh, other than costs associated with Hydro-Electric Resources, and Mid-Columbia Contracts, as recorded in the FERC Accounts listed in Appendix E to the 2010 Protocol.

**"Forecasted Mid-Columbia Contract Costs"** means the total forecasted net costs incurred by PacifiCorp contained in the Company's Baseline Study, for calendar years 2011 through 2016, expressed in dollars per MWh, under the Mid-Columbia Contracts.

**"Freed-Up Resources"** means Resources made available to the Company as a result of its customers becoming Direct Access Customers.

"General Plant" means capital investment included in FERC accounts 389 through 399.

"Grant County" means Public Utility District No. 2 of Grant County, Washington

**"Hydro-Electric Resources"** means Company-owned hydro-electric plants located in Oregon, Washington or California.

**"Intangible Plant"** means capital investment included in FERC accounts 301 through 303.

**"Klamath Dam Removal Surcharge"** means the tariffs collected from customers in California and Oregon for the purpose of providing funding to remove specific Klamath River dams, as detailed in the Klamath Hydroelectric Settlement Agreement.

**"Klamath Hydroelectric Settlement Agreement"** means the Klamath Hydroelectric Settlement Agreement executed on February 18, 2010 for the purpose of resolving specific FERC relicensing proceedings by establishing a process for potential facilities removal and operation of hydroelectric projects until that time.

"Load-Based Dynamic Allocation Factor" means an allocation factor that is calculated using States' monthly energy usage and/or States' contribution to monthly system Coincident Peak.

3

"Mid-Columbia Contracts" means the Power Sales Contract with Grant County dated May 22, 1956; the Power Sales Contract with Grant County dated June 22, 1959;the Priest Rapids Project Product Sales Contract with Grant County dated December 31, 2001; the Additional Products Sales Agreement with Grant County dated December 31, 2001; the Priest Rapids Project Reasonable Portion Power Sales Contract with Grant County dated December 31, 2001; the Power Sales Contract with Douglas County PUD dated September 18, 1963; the Power Sales Contract with Chelan County PUD dated November 14, 1957 and all successor contracts thereto.

"Net Power Costs" means PacifiCorp's fuel and wheeling expenses and costs and revenues associated with Wholesale Contracts, Seasonal Contracts, Short-Term Purchases and Sales and Non-Firm Purchases and Sales.

"New QF Contracts" means Qualifying Facility Contracts that are entered into subsequent to September 15, 2010.

"New Resources" means Resources that are not Existing Resources as established pursuant to Paragraph XA2 of the 2010 Protocol.

"Non-Firm Purchases and Sales" means transactions at wholesale that are not Wholesale Contracts, Seasonal Contracts, Short-Term Purchases and Sales or Direct Access Purchases and Sales.

**"Portfolio Standard"** means a State law or regulation that requires PacifiCorp to acquire: (a) a particular type of Resource, (b) a particular quantity of Resources, (c) Resources in a prescribed manner or (d) Resources located in a particular geographic area.

"**Pre-2005 Resources**" means Resources (other than Mid-Columbia Contracts and Hydro-Electric Resources) that were part of the Company's integrated system prior to January 1, 2005.

"Qualifying Facility Contracts" means contracts to purchase the output of small power production or cogeneration facilities developed under the Public Utility Regulatory Policies Act of 1978 (PURPA) and related State laws and regulations.

2010 Protocol - Appendix A

FERC <u>ACCT</u>	DESCRIPTION	ALLOCATION FACTOR
SCHMDT	Deductions - Temporary	TACTOR
0011001	Direct assigned - Jurisdiction	s
	Bad Debt	BADDEBT
	Miscellaneous	SNP
	Pacific Hydro	SG
	Mining related	SE
	Production, Transmission	SG
	Property Tax	GPS
	General	SO
	Depreciation	TAXDEPR
	Distribution	SNPD
	Customer Related	CN
State Income Taxes		
40911	State Income Taxes	S
	(Internal calculation using blended statutory state and local income tax rate)	
	•	
40910	FIT True-up	S
40910	Wyoming Wind Tax Credit	SG
Steam Production Plant		
310 - 316		
510-510	Steam Plants	SG
	Steam Flants	36
Nuclear Production Plant		
320-325		
	Nuclear Plant	SG
Hydraulic Plant		
330-336		
	Pacific Hydro	SG
	East Hydro	SG
Other Production Plant		
340-346		
	Other Production Plant	SG
TRANSMISSION PLANT		
350-359		
	Transmission Plant	SG
DISTRIBUTION PLANT		
360-373		
	Direct assigned - Jurisdiction	S

FERC ACCT GENERAL PLANT	DESCRIPTION	ALLOCATION FACTOR
389 - 398		0
	Distribution	S
	Pacific Hydro	SG
	East Hydro	SG
	Production / Transmission	SG
	Customer Related	CN
	General	SO
	Mining	SE
399	Coal Mine	
	Remaining Mining Plant	SE
399L	WIDCO Capital Lease	
	WIDCO Capital Lease	SE
1011390	General Capital Leases	
	Direct assigned - Jurisdiction	S
	General	so
	Production / Transmission	SG
		00
INTANGIBLE PLANT		
301	Organization	
	Direct assigned - Jurisdiction	S
302	Franchise & Consent	
	Direct assigned - Jurisdiction	S
	Production, Transmission	SG
303	Miscellaneous Intangible Plant	
	Distribution	S
	Pacific Hydro	SG
	East Hydro	SG
	Production / Transmission	SG
	Customer Related	CN
	General	SO
	Mining	SE
303	Less Non-Utility Plant	
	Direct assigned - Jurisdiction	S
Rate Base Additions		
105	Plant Held For Future Use	
	Direct assigned - Jurisdiction	S
	Production, Transmission	SG
	Mining Plant	SE
114	Electric Plant Acquisition Adjustments	
117	Direct assigned - Jurisdiction	S
	Production Plant	SG
	רוסטענוווח רומות	50
115	Accum Provision for Asset Acquisition Adjustments	
	Direct assigned - Jurisdiction	S
	Production Plant	SG

120	FERC ACCT	Nuclear Fuel	DESCRIPTION	ALLOCATION FACTOR
120		Nuclear Fuel	Nuclear Fuel	SE
124		Weatherization	Direct assigned - Jurisdiction	S
			General	so
182W		Weatherization	<b>•</b>	2
			Direct assigned - Jurisdiction	S
186W		Weatherization		
			Direct assigned - Jurisdiction	S
151		Fuel Stock		
101		I del Slock	Steam Production Plant	SE
152		Fuel Stock - Undistri		
			Steam Production Plant	SE
25316		DG&T Working Capi	tal Deposit	
			Mining Plant	SE
25317		DG&T Working Capi	tal Deposit Mining Plant	SE
				UL.
25319		Provo Working Capit	al Deposit	
			Mining Plant	SE
154		Materials and Suppli	es	
			Direct assigned - Jurisdiction	S
			Production, Transmission	SG
			Mining	SE
			General	SO
			Production - Common	SG
			Hydro	SG
			Distribution	SNPD
			Production, Other	SG
163		Stores Expense Und	istributed	
			General	SO
05040		Prove Merking Conit	al Denseit	
25318		Provo Working Capit	Provo Working Capital Deposit	SG
165		Prepayments		
			Direct assigned - Jurisdiction	S
			Property Tax	GPS
			Production, Transmission	SG
			Mining	SE
			General	SO

Allocation Factor Applied	l to each Component	of Revenue	Requirement
/ mooulion / dotor / appnoa		01110101140	i to qui o mone

	FERC			ALLOCATION
	ACCT		DESCRIPTION	FACTOR
182M		Misc Regulatory Ass		
			Direct assigned - Jurisdiction	S
			Production, Transmission	SG
			Mining	SE
			General	SO
			Production, Other	SGCT
186M		Misc Deferred Debits		
100101		Misc Deletted Debits	Direct assigned - Jurisdiction	S
			Production, Transmission	SG
			General	so
			Mining	SE
			Production - Common	SG
Workin	g Capital			
CWC		Cash Working Capita	ll in the second se	
			Direct assigned - Jurisdiction	S
OWC			Other Working Capital	
131			Cash	SNP
135			Working Funds	SG
143			Other Accounts Receivable	SO
232			Accounts Devable	SO
232			Accounts Payable	30
232			Accounts Payable	SE
				02
253			Deferred Hedge	SE
25330			Other Deferred Credits - Misc	SE
230			Other Deferred Credits - Misc	SE
Miscella	aneous Rate Bas	e		
18221		Unrec Plant & Reg S	tudy Costs	
			Direct assigned - Jurisdiction	S
18222		Nuclear Plant - Troja		
			Trojan Plant	TROJP
			Trojan Plant	TROJD
141		Notes Receivable		
141		NOTES I VECEIVADIE	Employee Loans - Hunter Plant	SG
			Linployee Loans - Hunter Hant	50
Rate Ba	se Deductions			
235		Customer Service De	posits	
			Direct assigned - Jurisdiction	S
2281		Prov for Property Inst	Irance	so
2282		Prov for Injuries & Da	mages	so

	FERC ACCT	DESCRIPTION	ALLOCATION <u>FACTOR</u>
2283		Prov for Pensions and Benefits	SO
22841		Accum Misc Oper Prov-Black Lung Mining	SE
22842		Accum Misc Oper Prov-Trojan Trojan Plant	TROJD
254105		FAS 143 ARO Regulatory Liability	
		Trojan Plant	TROJP
230		Asset Retirement Obligation	
		Trojan Plant	TROJP
252		Customer Advances for Construction	
		Direct assigned - Jurisdiction	S
		Production, Transmission	SG
		Customer Related	CN
25399		Other Deferred Credits	
20000		Direct assigned - Jurisdiction	S
		Production, Transmission	SG
		Mining	SE
		, and the second s	
254		Regulatory Liabilities	
		Regulatory Liabilities	SE
		Insurance Provision	SO
190		Accumulated Deferred Income Taxes	_
		Direct assigned - Jurisdiction	S
		Bad Debt	BADDEBT
		Pacific Hydro	SG SG
		Production, Transmission Customer Related	CN
		General	so
		Miscellaneous	SNP
		Trojan	TROJD
		Distribution	SNPD
		Mining Plant	SE
281		Accumulated Deferred Income Taxes	
		Production, Transmission	SG
202		Assumulated Deferred Income Toylog	
282		Accumulated Deferred Income Taxes Direct assigned - Jurisdiction	S
		Depreciation	DITBAL
		Hydro Pacific	SG
		Production, Transmission	SG
		Customer Related	CN
		General	SO
		Miscellaneous	SNP
		Trojan	TROJP
		Depreciation	TAXDEPR
		Depreciation	SCHMDEXP

 $SG_i^* = SG_i$  if i is a Pacific jurisdiction, otherwise  $SG_i^* = 0.$  $SG_i = System$  Generation for jurisdiction i.

# **Division Generation - Utah Factor ("DGU")**

$$DGU_i = \frac{SG_i^*}{\sum_{i=1}^{i=8} SG_i^*}$$

where:

 $DGU_i$  = **Division Generation - Utah Factor** for jurisdiction i.  $SG_i^* = SG_i$  if i is a Utah jurisdiction, otherwise  $SG_i^* = 0.$ 

 $SG_i$  = System Generation for jurisdiction i.

# System Net Plant - Distribution Factor ("SNPD")

$$SNPD_i = \frac{PD_i - ADPD_i}{(PD - ADPD)}$$

where:

$SNPD_i$	=	System Net Plant - Distribution Factor for jurisdiction i.
$PD_i$	=	Distribution Plant - for jurisdiction i.
$ADPD_i$		Accumulated Depreciation Distribution Plant - for jurisdiction i.
PD	=	Distribution Plant.
ADPD	=	Accumulated Depreciation Distribution Plant.

#### System Overhead - Gross Factor ("SO")

$$SOG_{i} = \frac{PP_{i} + PT_{i} + PD_{i} + PG_{i} + PI_{i} - PP_{oi} - PT_{oi} - PD_{oi} - PG_{oi} - PI_{oi}}{\sum_{i=1}^{i=8} (PP_{i} + PT_{i} + PD_{i} + PG_{i} + PP_{i} - PP_{oi} - PI_{oi} - PD_{oi} - PG_{oi} - PI_{oi})}$$

$SOG_i =$	System	Overhead -	<b>Gross Factor</b>	for	invisdiction	i
5001	System	Overmenu	010551 40101	101	ansuluin.	1.

- $PP_i$  = Gross Production Plant for jurisdiction i.
- $PT_i$  = Gross Transmission Plant for jurisdiction i.
- $PD_i$  = Gross Distribution Plant for jurisdiction i.
- $PG_i$  = Gross General Plant for jurisdiction i.
- $PI_i$  = Gross Intangible Plant for jurisdiction i.
- $PP_{oi}$  = Gross Production Plant for jurisdiction i allocated on a SO factor.
- $PT_{oi}$  = Gross Transmission Plant for jurisdiction i allocated on a SO factor
- $PD_{oi}$  = Gross Distribution Plant for jurisdiction i allocated on a SO factor
- $PG_{oi}$  = Gross General Plant for jurisdiction i allocated on a SO factor
- $PI_{oi}$  = Gross Intangible Plant for jurisdiction i allocated on a SO factor

# Schedule M - Deductions ("SCHMDEXP")

$$SCHMDEXP_{i} = \frac{DEPRC_{i}}{\sum_{i=1}^{i=8} DEPRC_{i}}$$

where:

 $SCHMDEXP_i =$  Schedule M - Deductions (SCHMDEXP) Factor for jurisdiction i.  $DEPRC_i =$  Depreciation in Accounts 403.1 - 403.9 for jurisdiction i.

# Trojan Plant ("TROJP")

$$TROJP_{i} = \frac{ACCT18222_{i}}{\sum_{i=1}^{i=8} ACCT18222_{i}}$$

where:

 $TROJP_i$ =**Trojan Plant (TROJP) Factor** for jurisdiction i. $ACCT18222_i$ =Allocated Adjusted Balance in Account 182.22 for jurisdiction i.

## Trojan Decommissioning ("TROJD")

$$TROJD_{i} = \frac{ACCT22842_{i}}{\sum_{i=1}^{i=8} ACCT22842_{i}}$$

where:

 $TROJD_i =$  **Trojan Decommissioning (TROJD) Factor** for jurisdiction i. ACCT22842<sub>i</sub> = Allocated Adjusted Balance in Account 228.42 for jurisdiction i.