

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

**PACIFIC POWER & LIGHT
COMPANY,**

Respondent.

**DOCKETS UE-140762 and UE-140617
(consolidated)**

In the Matter of the Petition of

**PACIFIC POWER & LIGHT
COMPANY,**

**For an Order Approving Deferral of
Costs Related to Colstrip Outage.**

DOCKET UE-131384 (consolidated)

In the Matter of the Petition of

**PACIFIC POWER & LIGHT
COMPANY,**

**For an Order Approving Deferral of
Costs Related to Declining Hydro
Generation.**

DOCKET UE-140094 (consolidated)

PACIFIC POWER & LIGHT COMPANY

EXHIBIT OF NATASHA C. SIORES

Summary and Calculation of Deferred Amounts Requested (Updated)

November 2014

PacifiCorp
Washington General Rate Case - December 2013
Request to Amortize Deferred Amounts - Updated
Summary of Deferred Amounts (\$s)

	Amount to Amortize	
Colstrip Deferral - UE-131384	1,970,690	Ref Page 2
Depreciation Deferral - UE-132350	(877,345)	Ref Page 3
Hydro Deferral - UE-140094	2,437,932	Ref Page 4
Merwin Deferral - UE-140617	1,687,565	Ref Page 5
Accumulated Interest	637,494	Ref Page 2 - 5
Total	<u>5,856,337</u>	

PacifiCorp
Washington General Rate Case - December 2013
UE-131389 - Colstrip Deferral Amortization Schedule

<u>Month</u>	<u>Beginning Balance</u>	<u>Additions¹</u>	<u>Interest Rate²</u>	<u>Interest</u>	<u>Amortization</u>	<u>Ending Balance</u>
Jul-13	-	57,884	7.743%	187	-	58,071
Aug-13	58,071	274,501	7.743%	1,260	-	333,832
Sep-13	333,832	301,708	7.743%	3,127	-	638,667
Oct-13	638,667	305,271	7.743%	5,106	-	949,043
Nov-13	949,043	299,807	7.743%	7,091	-	1,255,941
Dec-13	1,255,941	158,619	7.358%	8,187	-	1,422,746
Jan-14	1,422,746	332,871	7.358%	9,744	-	1,765,361
Feb-14	1,765,361	240,030	7.358%	11,560	-	2,016,951
Mar-14	2,016,951	-	7.358%	12,366	-	2,029,317
Apr-14	2,029,317	-	7.358%	12,442	-	2,041,760
May-14	2,041,760	-	7.358%	12,519	-	2,054,278
Jun-14	2,054,278	-	7.358%	12,595	-	2,066,874
Jul-14	2,066,874	-	7.358%	12,673	-	2,079,546
Aug-14	2,079,546	-	7.358%	12,750	-	2,092,296
Sep-14	2,092,296	-	7.358%	12,828	-	2,105,125
Oct-14	2,105,125	-	7.358%	12,907	-	2,118,032
Nov-14	2,118,032	-	7.358%	12,986	-	2,131,018
Dec-14	2,131,018	-	7.358%	13,066	-	2,144,084
Jan-15	2,144,084	-	7.358%	13,146	-	2,157,230
Feb-15	2,157,230	-	7.358%	13,227	-	2,170,456
Mar-15	2,170,456	-	7.358%	13,308	-	2,183,764
Apr-15	2,183,764	-	7.674%	13,965	(189,080)	2,008,648
May-15	2,008,648	-	7.674%	12,240	(189,080)	1,831,808
Jun-15	1,831,808	-	7.674%	11,109	(189,080)	1,653,837
Jul-15	1,653,837	-	7.674%	9,971	(189,080)	1,474,727
Aug-15	1,474,727	-	7.674%	8,826	(189,080)	1,294,473
Sep-15	1,294,473	-	7.674%	7,673	(189,080)	1,113,066
Oct-15	1,113,066	-	7.674%	6,513	(189,080)	930,498
Nov-15	930,498	-	7.674%	5,346	(189,080)	746,764
Dec-15	746,764	-	7.674%	4,171	(189,080)	561,854
Jan-16	561,854	-	7.674%	2,988	(189,080)	375,762
Feb-16	375,762	-	7.674%	1,798	(189,080)	188,480
Mar-16	188,480	-	7.674%	601	(189,080)	-
Total		1,970,690		298,275	(2,268,966)	

Ref Page 1

Ref Page 1

Note 1 - Additions amount per Company's initial filing Exhibit No.__(NCS-9), Page 5

Note 2 - For details on Interest Rate, please refer to Page 9

PacifiCorp
Washington General Rate Case - December 2013
UE-132350 - Depreciation Deferral Amortization Schedule

<u>Month</u>	<u>Beginning Balance</u>	<u>Additions</u>	<u>Interest Rate</u> ¹	<u>Interest</u>	<u>Amortization</u>	<u>Ending Balance</u>
Jan-14	-	(58,490)	7.358%	(179)	-	(58,669)
Feb-14	(58,669)	(58,490)	7.358%	(539)	-	(117,698)
Mar-14	(117,698)	(58,490)	7.358%	(901)	-	(177,088)
Apr-14	(177,088)	(58,490)	7.358%	(1,265)	-	(236,843)
May-14	(236,843)	(58,490)	7.358%	(1,631)	-	(296,964)
Jun-14	(296,964)	(58,490)	7.358%	(2,000)	-	(357,454)
Jul-14	(357,454)	(58,490)	7.358%	(2,371)	-	(418,314)
Aug-14	(418,314)	(58,490)	7.358%	(2,744)	-	(479,548)
Sep-14	(479,548)	(58,490)	7.358%	(3,120)	-	(541,157)
Oct-14	(541,157)	(58,490)	7.358%	(3,497)	-	(603,144)
Nov-14	(603,144)	(58,490)	7.358%	(3,877)	-	(665,511)
Dec-14	(665,511)	(58,490)	7.358%	(4,260)	-	(728,261)
Jan-15	(728,261)	(58,490)	7.358%	(4,644)	-	(791,395)
Feb-15	(791,395)	(58,490)	7.358%	(5,032)	-	(854,916)
Mar-15	(854,916)	(58,490)	7.358%	(5,421)	-	(918,827)
Apr-15	(918,827)	-	7.674%	(5,876)	79,556	(845,146)
May-15	(845,146)	-	7.674%	(5,150)	79,556	(770,740)
Jun-15	(770,740)	-	7.674%	(4,674)	79,556	(695,858)
Jul-15	(695,858)	-	7.674%	(4,195)	79,556	(620,497)
Aug-15	(620,497)	-	7.674%	(3,714)	79,556	(544,654)
Sep-15	(544,654)	-	7.674%	(3,229)	79,556	(468,326)
Oct-15	(468,326)	-	7.674%	(2,740)	79,556	(391,511)
Nov-15	(391,511)	-	7.674%	(2,249)	79,556	(314,204)
Dec-15	(314,204)	-	7.674%	(1,755)	79,556	(236,402)
Jan-16	(236,402)	-	7.674%	(1,257)	79,556	(158,103)
Feb-16	(158,103)	-	7.674%	(757)	79,556	(79,304)
Mar-16	(79,304)	-	7.674%	(253)	79,556	-
		(877,345)		(77,331)	954,676	
		Ref Page 1		Ref Page 1		

Note 1 - Additions per Company's initial filing Exhibit No.__(NCS-9), Page 7

Note 2 - For details on Interest Rate, please refer to Page 9

PacifiCorp
Washington General Rate Case - December 2013
UE-140094 - Hydro Deferral - Replacement Power Cost

Month	Beginning Balance	Additions ¹	Interest Rate ²	Interest	Amortization	Ending Balance
Jan-14	-	747,342	7.358%	2,291	-	749,634
Feb-14	749,634	301,083	7.358%	5,519	-	1,056,236
Mar-14	1,056,236	(284,324)	7.358%	5,604	-	777,516
Apr-14	777,516	(116,112)	7.358%	4,411	-	665,815
May-14	665,815	(336,050)	7.358%	3,052	-	332,817
Jun-14	332,817	457,795	7.358%	3,444	-	794,056
Jul-14	794,056	202,228	7.358%	5,489	-	1,001,772
Aug-14	1,001,772	78,091	7.358%	6,382	-	1,086,245
Sep-14	1,086,245	759,848	7.358%	8,989	-	1,855,083
Oct-14	1,855,083	(361,558)	7.358%	10,266	-	1,503,791
Nov-14	1,503,791	719,423	7.358%	11,426	-	2,234,639
Dec-14	2,234,639	270,165	7.358%	14,529	-	2,519,334
Jan-15	2,519,334	-	7.358%	15,447	-	2,534,780
Feb-15	2,534,780	-	7.358%	15,541	-	2,550,322
Mar-15	2,550,322	-	7.358%	15,637	-	2,565,958
Apr-15	2,565,958	-	7.674%	16,409	(222,173)	2,360,194
May-15	2,360,194	-	7.674%	14,382	(222,173)	2,152,404
Jun-15	2,152,404	-	7.674%	13,054	(222,173)	1,943,285
Jul-15	1,943,285	-	7.674%	11,716	(222,173)	1,732,829
Aug-15	1,732,829	-	7.674%	10,371	(222,173)	1,521,027
Sep-15	1,521,027	-	7.674%	9,016	(222,173)	1,307,871
Oct-15	1,307,871	-	7.674%	7,653	(222,173)	1,093,351
Nov-15	1,093,351	-	7.674%	6,281	(222,173)	877,460
Dec-15	877,460	-	7.674%	4,901	(222,173)	660,188
Jan-16	660,188	-	7.674%	3,511	(222,173)	441,526
Feb-16	441,526	-	7.674%	2,113	(222,173)	221,467
Mar-16	221,467	-	7.674%	706	(222,173)	-
Total		2,437,932		228,140	(2,666,072)	
		Ref Page 1		Ref Page 1		

Note 1 - Updated Replacement Power Costs per Company's 5th supplemental response to data request PC 2 in Docket UE-140094
Grossed up for Revenue Sensitive Items

Note 2 - For details on Interest Rate, please refer to Page 9

PacifiCorp
Washington General Rate Case - December 2013
UE-140617 - Merwin Fish Collector Amortization Schedule

Month	Beginning Balance	Return on Rate Base ¹	O&M Expense ²	Depreciation Expense ³	Interest Rate ⁴	Interest	Amortization	Ending Balance
Mar-14	-	1,158,253	-	18,808	7.358%	3,608		1,180,669
Apr-14	1,180,669		4,493	37,616	7.358%	7,368		1,230,145
May-14	1,230,145		4,493	37,616	7.358%	7,671		1,279,925
Jun-14	1,279,925		4,493	37,616	7.358%	7,977		1,330,010
Jul-14	1,330,010		4,493	37,616	7.358%	8,284		1,380,403
Aug-14	1,380,403		7,094	37,616	7.358%	8,601		1,433,713
Sep-14	1,433,713		7,094	37,616	7.358%	8,928		1,487,350
Oct-14	1,487,350		4,493	37,616	7.358%	9,248		1,538,707
Nov-14	1,538,707		4,493	37,616	7.358%	9,563		1,590,379
Dec-14	1,590,379		4,493	37,616	7.358%	9,880		1,642,368
Jan-15	1,642,368		4,493	37,616	7.358%	10,199		1,694,675
Feb-15	1,694,675		4,493	37,616	7.358%	10,520		1,747,303
Mar-15	1,747,303		4,493	37,616	7.358%	10,842		1,800,254
Apr-15	1,800,254		-	-	7.674%	11,512	(156,291)	1,655,475
May-15	1,655,475		-	-	7.674%	10,586	(156,291)	1,509,771
Jun-15	1,509,771		-	-	7.674%	9,655	(156,291)	1,363,135
Jul-15	1,363,135		-	-	7.674%	8,717	(156,291)	1,215,561
Aug-15	1,215,561		-	-	7.674%	7,773	(156,291)	1,067,044
Sep-15	1,067,044		-	-	7.674%	6,823	(156,291)	917,576
Oct-15	917,576		-	-	7.674%	5,868	(156,291)	767,153
Nov-15	767,153		-	-	7.674%	4,906	(156,291)	615,768
Dec-15	615,768		-	-	7.674%	3,938	(156,291)	463,415
Jan-16	463,415		-	-	7.674%	2,963	(156,291)	310,088
Feb-16	310,088		-	-	7.674%	1,983	(156,291)	155,780
Mar-16	155,780		-	-	7.674%	996	(156,291)	486
Total		1,158,253	59,117	470,195		188,409	(1,875,489)	
		Ref Page 1	Ref Page 1	Ref Page 1		Ref Page 1		

Note 1 - For detailed Return on Rate Base Calculation, please refer to Page 6

PacifiCorp
Washington General Rate Case - December 2013
Return on Rate Base Calculation - Merwin Deferral

Return on Rate Base¹

Capital Investment (in service March 2014)	58,369,301	
Accumulated Depreciation (through March 2015)	(1,033,973)	
Accumulated DIT Balance	(7,745,755)	
Net Rate Base	<u>49,589,574</u>	
Pre-Tax Return from UE-130043	9.88%	Ref Page 9
Pre-Tax Return on Rate Base	<u>4,898,132</u>	
Factor - CAGW from UE-130043	<u>22.5336%</u>	Ref Page 9
Rev Req - Return on Rate Base before Revenue Sensitive Items	1,103,724	
Revenue Sensitive Items	54,528	
WA Revenue Requirement - Return on Rate Base	<u><u>1,158,253</u></u>	Ref Page 5

*Note 1 - Amounts used to calculate Return on Rate Base are taken from Docket No. UE-140617, Attachment F,
Page 1 of 6*

PacifiCorp
Washington General Rate Case - December 2013
Depreciation Expense Calculation - Merwin Deferral

In-Service Date	Mar-14			CAGW Factor	Revn Sensitive		
Depreciation Rate	3.270%			22.5336%	4.9404%		
TOTAL COMPANY				WA Allocated			
	Plant in Service	Accumulated Depreciation ¹	Depreciation Expense ¹	ADIT	Depreciation Expense	Adj. Depreciation Expense	
CY 2014	Jan-14	-	-	-	-	-	
	Feb-14	-	-	-	-	-	
	Mar-14	58,369,301	(79,536)	79,536		17,922	18,808
	Apr-14	58,369,301	(238,609)	159,073		35,845	37,616
	May-14	58,369,301	(397,682)	159,073		35,845	37,616
	Jun-14	58,369,301	(556,754)	159,073		35,845	37,616
	Jul-14	58,369,301	(715,827)	159,073		35,845	37,616
	Aug-14	58,369,301	(874,900)	159,073		35,845	37,616
	Sep-14	58,369,301	(1,033,973)	159,073		35,845	37,616
	Oct-14	58,369,301	(1,193,045)	159,073		35,845	37,616
	Nov-14	58,369,301	(1,352,118)	159,073		35,845	37,616
	Dec-14	58,369,301	(1,511,191)	159,073		35,845	37,616
2014 Ending Bal.	58,369,301	(1,511,191)	1,511,191		340,525	357,349	
CY 2015	Jan-15	58,369,301	(1,670,263)	159,073		35,845	37,616
	Feb-15	58,369,301	(1,829,336)	159,073		35,845	37,616
	Mar-15	58,369,301	(1,988,409)	159,073		35,845	37,616
	Apr-15	58,369,301	(2,147,482)	159,073		35,845	37,616
	May-15	58,369,301	(2,306,554)	159,073		35,845	37,616
	Jun-15	58,369,301	(2,465,627)	159,073		35,845	37,616
	Jul-15	58,369,301	(2,624,700)	159,073		35,845	37,616
	Aug-15	58,369,301	(2,783,772)	159,073		35,845	37,616
	Sep-15	58,369,301	(2,942,845)	159,073		35,845	37,616
	Oct-15	58,369,301	(3,101,918)	159,073		35,845	37,616
	Nov-15	58,369,301	(3,260,990)	159,073		35,845	37,616
	Dec-15	58,369,301	(3,420,063)	159,073		35,845	37,616
2015 Ending Bal.	58,369,301	(3,420,063)	1,908,872		430,137	451,388	
AMA							
(Mar 2014 to Mar 2015)	58,369,301	(1,033,973)	1,908,872	(7,745,755)	448,060	470,195	

Ref Page 5

Note 1 - Accumulated Depreciation and Depreciation Expense amounts are taken from Docket No. UE-140617, Attachment F, Page 3 of 6

PacifiCorp
Washington General Rate Case - December 2013
Operations & Maintenance Expense Calculation - Merwin Deferral

TOTAL COMPANY

O&M Costs ¹	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Total 12 Months
Merwin Fish Collector	\$ 19,000	\$ 19,000	\$ 19,000	\$ 19,000	\$ 30,000	\$ 30,000	\$ 19,000	\$ 19,000	\$ 19,000	\$ 19,000	\$ 19,000	\$ 19,000	\$ 250,000

CAGW FACTOR 22.5336%

WASHINGTON ALLOCATED

O&M Costs	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Total 12 Months
Merwin Fish Collector	\$ 4,281	\$ 4,281	\$ 4,281	\$ 4,281	\$ 6,760	\$ 6,760	\$ 4,281	\$ 4,281	\$ 4,281	\$ 4,281	\$ 4,281	\$ 4,281	\$ 56,334
Revenue Sensitive	\$ 212	\$ 212	\$ 212	\$ 212	\$ 334	\$ 334	\$ 212	\$ 212	\$ 212	\$ 212	\$ 212	\$ 212	\$ 2,768
Total O&M Costs	\$ 4,493	\$ 4,493	\$ 4,493	\$ 4,493	\$ 7,094	\$ 7,094	\$ 4,493	\$ 4,493	\$ 4,493	\$ 4,493	\$ 4,493	\$ 4,493	59,102

Ref Page 5

Note 1 - O&M Expense amounts are taken from Docket No. UE-140617, Attachment F, Page 5 of 6

PacifiCorp
Washington General Rate Case - December 2013
Deferrals for Colstrip Outage, Hydro, and Depreciation
Effective cost of capital and factors during deferral and amortization periods
Taken from Exhibit No.__(NCS-9), Page 8

Capital Cost and Structure Requested in UE-140762					
	Capital Structure	Embedded Cost	Weighted Cost	Pre-Tax Bump-up	Pre-Tax Revenue Requirement
Debt	48.25%	5.18%	2.499%		2.50%
Preferred	0.02%	6.75%	0.001%	153.85%	0.00%
Common	51.73%	10.00%	5.173%	153.85%	7.96%
Total	100.00%		7.67%		10.46%
Merged Effective Tax Rate					35.000%
Pre-Tax Bump-up Factor					153.85%
Revenue Sensitive Items - UE140762					
WUTC Regulatory Fee			0.200%	0.210%	
Bad Debt Percentage			0.611%	0.641%	
Revenue Tax			3.873%	4.063%	
WCA Allocation Factors - UE 140762					
Washington CAGW Factor			23.0849%		
Washington CAEW Factor			22.7414%		

Capital Cost and Structure Ordered from UE-130043					
	Capital Structure	Embedded Cost	Weighted Cost	Pre-Tax Bump-up	Pre-Tax Revenue Requirement
Debt	50.62%	5.29%	2.678%		2.68%
Preferred	0.28%	5.43%	0.015%	153.85%	0.02%
Common	49.10%	9.50%	4.665%	153.85%	7.18%
Total	100.00%		7.36%		9.88%
Merged Effective Tax Rate					35.000%
Pre-Tax Bump-up Factor					153.85%
Revenue Sensitive Items - UE 130043					
WUTC Regulatory Fee			0.200%	0.210%	
Bad Debt Percentage			0.660%	0.693%	
Revenue Tax			3.848%	4.038%	
WCA Allocation Factors - UE 130043					
Washington CAGW Factor			22.5336%		
Washington CAEW Factor			22.6481%		

Capital Cost and Structure Ordered from UE-111190					
	Capital Structure	Embedded Cost	Weighted Cost	Pre-Tax Bump-up	Pre-Tax Revenue Requirement
Debt	50.60%	5.76%	2.915%		2.91%
Preferred	0.30%	5.43%	0.016%	153.85%	0.03%
Common	49.10%	9.80%	4.812%	153.85%	7.40%
Total	100.00%		7.74%		10.34%
Merged Effective Tax Rate					35.000%
Pre-Tax Bump-up Factor					153.85%
Revenue Sensitive Items - UE 111190					
WUTC Regulatory Fee			0.200%	0.210%	
Bad Debt Percentage			0.507%	0.531%	
Revenue Tax			3.873%	4.059%	
WCA Allocation Factors - UE 111190					
Washington CAGW Factor			22.4742%		
Washington CAEW Factor			22.3245%		