



January 26, 2006

Judge Theodora Mace
Judge Ann Rendahl
Commissioner Philip Jones
Commissioner Patrick Oshie
Chairman Mark Sidran
Carole Washburn
Executive Secretary
Washington Utilities & Transportation Commission
1300 S. Evergreen Park Drive, SW
Olympia, WA 98504-7250

Re: Docket No. UE 050684
WUTC Bench Staff Data Requests 14-25

Please find enclosed one original and eighteen copies of PacifiCorp's response to WUTC Bench Data Requests (15-19, and 21-24). Provided on the enclosed CD is Attachment WUTC Bench 17-(1-2). Provided on the enclosed Confidential CD is Confidential Attachment WUTC Bench 16.

If you have any questions, please call Shay LaBray at (503) 813-6176.

Sincerely,

Shay LaBray
Regulation

Enclosure

cc: Donald T. Trotter/WUTC (3 copies)
Simon ffitch/Public Counsel
Steven Johnson/ATG
Melinda Davison/ICNU
Randall Falkenberg/ICNU
Ralph Cavanagh/NRDC
Brad Purdy/Energy Project
Marcus Wood/Stoel Rives

WUTC Bench Data Request 15

Please provide resources and staff costs devoted to other regional transmission management and planning organizations.

Response to WUTC Bench Data Request 15

Regional transmission planning and coordination for reliability purposes in the Western Interconnection has traditionally been a function of the Western Electricity Coordinating Council (WECC), which PacifiCorp supports through its dues and participation by various staff members in numerous WECC committees and workgroups. WECC is largely funded by a region-wide assessment of each control area's net energy for load (NEL). In 2005 PacifiCorp's total NEL assessment was approximately \$904,000. Also, PacifiCorp has participated along with other Western parties, principally through the Seams Steering Group – Western Interconnection (SSG-WI) and ad hoc sub-regional study groups, in the development of a West-wide database and preliminary economic modeling of transmission expansions that could be economically beneficial to the entire region.

In 2005, the WECC Board of Directors voted to expand WECC's role into West-wide economic transmission planning and expansion and into development of commercial business practices, including communication protocols. PacifiCorp supported that Board decision and, as those new activities develop, anticipates that it will participate fully. As these efforts will facilitate the rational expansion and maintain reliability of the Western grid and will act to standardize business practices, including commercial communications, they are in the direct interest of all PacifiCorp customers.

Staffing and expenses associated with participation in these forums are rolled into operating costs and thus are not tracked separately. Our best estimate would be that in 2005 approximately 3 PacifiCorp FTE's were dedicated to support WECC and various regional planning and expansion activities. A reasonable assumption would be to assume a fully loaded rate of \$125,000 each for a total estimate of approximately \$375,000.

Please see Attachment WUTC_Bench 15.

Responder: Mark R. Tallman
Witness: Mark R. Tallman

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 15

Attachment WUTC_Bench 15

**Worksheet Supporting WUTC Bench 15
Annual Resources and Expenses**

FTEs

- 1 Database development and economic modeling of potential transmission expansions west-wide for SSG-WI and ad hoc, sub-regional study groups
- 2 Participation in WECC - regional reliability coordination and planning

2

Committee or Workgroup	Meeting Days	PacifiCorp Reps	Review/Prep Time (.25)	Total Person-Days
Board of Directors	12	2	6.00	30.00
Standing Board Committees				
Reliability Policy Issues Committee	5	1	1.25	6.25
Market Interface Committee	8	2	4.00	20.00
Planning Coordination Committee	8	1	2.00	10.00
Operating Committee	8	2	4.00	20.00
Other Committees				
Tech Studies Committee (TSS)	6	1	1.50	7.50
Reliability Subcommittee (RS)	10	1	2.50	12.50
Compliance Monitoring & Operating Practices Subcommittee (CMOPS)	6	1	1.50	7.50
Operator Training Subcommittee (OTS)	6	1	1.50	7.50
Unscheduled Flow Administrative Subcommittee (UFAS)	6	1	1.50	7.50
Interchange Scheduling and Accounting Subcommittee (ISAS)	10	1	2.50	12.50
Reliability Coordination Subcommittee (RCS)	3	1	0.75	3.75
Loads and Resources Task Force (L&R)	8	1	2.00	10.00
Planning and Expansion Function	10	1	2.50	12.50
Estimated travel days				40.00
Total WECC				207.50

1

Total FTEs for regional coordination of reliability, planning, expansion functions

3

Approximate fully loaded annual rate (\$000):

\$125

Total Expenses for regional coordination of reliability, planning, expansion functions(\$000)\$

\$375

UE-050684/PacifiCorp
January 26, 2006
WUTC Bench Data Request 16

WUTC Bench Data Request 16

Please provide the Company's most updated risk management / hedging policy.

Response to WUTC Bench Data Request 16

The Company's "PacifiCorp Energy Management and Risk Management Policy" is provided as Confidential Attachment WUTC Bench 16 on the enclosed CD. PacifiCorp deems the documents listed as Appendices to this policy document to be highly confidential, and PacifiCorp also thinks that such Appendices are separate from the requested policy itself. If the Commission wants PacifiCorp to supply one or more of the Appendices, PacifiCorp reserves the right to request stronger protective order provisions regarding such material.

Responder: Mark Tallman
Witness: Mark Tallman

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

CONFIDENTIAL ATTACHMENT

WUTC BENCH 16

CONFIDENTIAL (LEVEL YELLOW)

ON THE ENCLOSED CD

UE-050684/PacifiCorp
January 26, 2006
WUTC Bench Data Request 17

WUTC Bench Data Request 17

Please provide information relative to severance packages available to Company Executives in the event the MEHC transaction closes.

Response to WUTC Bench Data Request 17

The only severance package currently in place relative to the close of the MEHC transaction is that of Ms. Judi Johansen. Please see Attachment WUTC_Bench 17 -1 on the enclosed CD. For all other Company executives, please see Attachment WUTC_Bench 17 -2 on the enclosed CD, the PacifiCorp Executive Severance Plan in effect as of this date.

Responder: Erich D. Wilson
Witness: Erich D. Wilson

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 17 _(1-2)

ON THE ENCLOSED CD

WUTC Bench Data Request 18

Please quantify the effect of PacifiCorp's proposed decoupling mechanism on the risks associated with the recovery of its fixed costs, and to the extent feasible, separately quantify the risks ameliorated by the decoupling mechanism associated with (a) weather, and (b) energy efficiency investments.

Response to WUTC Bench Data Request 18

The decoupling mechanism symmetrically removes both a revenue under recovery risk and an opportunity to recover more-than-incurred fixed cost, each equivalent to up to 2% of PacifiCorp's annual retail revenues. The eliminated risk is an under recovery of authorized fixed costs equivalent to up to 2% of annual retail revenues in response to a reduction in retail sales, and the eliminated opportunity is the additional fixed-cost recovery contribution associated with increasing retail sales. Further "quantification" is difficult if not impossible in the absence of experience with the mechanism; the proposed pilot test would provide such experience, and the proposed independent evaluation could address this question rigorously.

The decoupling mechanism would not affect weather risk, since it would use weather-adjusted sales for purposes of applying the true-up mechanism. It is designed to eliminate energy efficiency-related risks stemming from the revenue losses that otherwise would accompany successful programs affecting up to 2% of retail sales annually, although it would create no earnings opportunity for those programs.

Responder: Christy Omohundro
Witness: Christy Omohundro

UE-050684/PacifiCorp
January 26, 2006
WUTC Bench Data Request 19

WUTC Bench Data Request 19

Please provide a copy of the Hybrid proposal filed in Oregon in late 2005.

Response to WUTC Bench Data Request 19

A copy of the Company's "Multi-State Process Hybrid Report to the Oregon Public Utility Commission" which was filed with the Oregon Commission on November 21, 2005 is provided as Attachment WUTC Bench Request 19 on the enclosed CD.

Responder: Gregory N. Duvall
Witness: Gregory N. Duvall

WASHINGTON

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GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 19

ON THE ENCLOSED CD

UE-050684/PacifiCorp
January 26, 2006
WUTC Bench Data Request 21

WUTC Bench Data Request 21

Please recalculate Exhibit 394 with volatility attributable to the western power crisis removed.

Response to WUTC Bench Data Request 21

The Company is not able to measure the volatility specifically related to the energy crisis. The Company has attempted to remove the market price impact of the energy crisis from our excess costs.

The market prices used to remove the impact of the energy crisis of 2000 and 2001 were based on the California Refund Case. The California Refund Case market clearing prices serve as FERC's statement of "just and reasonable prices". While these prices do not technically apply outside the California markets, FERC has repeatedly stated that the WECC markets should operate integrated with California markets and thus, FERC has applied these price caps across the WECC.

The estimated market price impact of the energy crisis has been removed from Exhibit 394 and a revised Exhibit 394 is provided as Attachment WUTC_Bench 21.

Responder: Mark Widmer
Witness: Mark Widmer

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 21

PacifiCorp Attachment WUTC_Bench 21
 NPC In Rates Vs Actual NPC w/Western Energy Crisis Adjustment
 Total Company NPC in Washington Rates
 2000-2004
 Power Costs in Millions \$

	<u>Reference</u>	2000 (1)	2001 (2)	2002	2003	2004 (3)	2005 (4)
1 NPC in Rates	UE 050684 - Exhibit No.__(MTW-4)	462.3	486.0	486.0	486.0	492.0	534.0
2 Actual NPC	UE 050684 - Exhibit No.__(MTW-4)	841.1	1210.4	677.7	598.2	745.6	764.0
3 Excess NPC [Line 1 - Line 2]		(378.8)	(724.4)	(191.7)	(112.2)	(253.6)	(230.0)
4 Average Difference				(315.1)			
				2000-2004			
Market Price Adjustment to \$/MWh							
5 Net STF and NF Transactions (During the Energy Crisis) (5)		113.3	199.1				
6 Net STF and NF Transactions (Excluding Energy Crisis)		30.6	103.1				
7 Net Line 5 and 6		(82.6)	(96.0)				
8 2002 Summer Forward Purchases	OR UM 116			(56.1)			
9 Actual NPC Adjusted for Energy Crisis [Line 2 + Line 7 + Line 8]		758.5	1114.4	621.6	598.2	745.6	764.0
10 Excess NPC (Excluding Energy Crisis) [Line 1 - Line 9]		(296.2)	(628.4)	(135.6)	(112.2)	(253.6)	(230.0)
11 Average Difference				(276.0)			
				2000-2004			

Notes:

- 1 Does not include Excess Power Costs recovered in Oregon Rates
- 2 NPC in Rates is Filed NPC in Docket #991832
- 3 NPC in Rates as of November 16th, 2004 is \$534 million
- 4 12 Months Ending November 2005
- 5 Western Power Crisis Period is October 2000 through June 2001

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January 26, 2006
WUTC Bench Data Request 22

WUTC Bench Data Request 22

Please compare and Contrast the PCAM proposed by the Company in this general rate case to the PCA mechanisms proposed by the Company in other jurisdictions and explain why they are different.

Response to WUTC Bench Data Request 22

The requested comparison is provided as Attachment WUTC Bench 22 -1. Supporting documentation is provided as Attachment WUTC Bench 22 -2, Attachment WUTC Bench 22 -3, Attachment WUTC Bench 22 -4 and Attachment WUTC Bench 22 -5. The Oregon proposed PCAM has a lower sharing percent for customers up to \$100 million total Company than the PCAM proposed in Washington because the Company has an annual Transition Adjustment Mechanism (TAM) in Oregon. The TAM allows the Company to update normalized forecast net power costs for the upcoming year annually. This virtually eliminates regulatory lag associated with normalized net power costs. The Company proposes a 100 percent pass-through of excess net power costs in California, because that is the method adopted for other California Utilities. The Company proposed asymmetric sharing bands in Utah and Wyoming based on discussions held with the parties.

Responder: Mark Widmer
Witness: Mark Widmer

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 22 -1

Attachment WUTC_Bench	Washington	California	Oregon	Utah	Wyoming - AFOR	Wyoming UCAM
22-1						
Recovery Mechanism	Power Cost Adjustment Mechanism (PCAM)	Energy Cost Adjustment Clause (ECAC)	Power Cost Adjustment Mechanism (PCAM)	Power Cost Adjustment Mechanism (PCAM)	Alternative Form of Regulation (AFOR)	Uncontrollable Cost Adjustment Mechanism (UCAM)
Deadband / Amount +/- from Baseline	No deadband	No Deadband	No Deadband	No deadband	No deadband	No deadband
Subsequent Cost Sharing Rate (% customers / % shareholders)	90% / 10%	100% Pass Through	70% / 30% up to \$100M	90% / 10% for Cost Increases	90% / 10% Cost Increases	100% + interest / 0%
Relation to Earnings	If earnings are > authorized rate of return, deferral costs not recoverable, otherwise the PCAM applies	No deferral or trigger, adjustment updated annually and applied to retail customers during the period	If earnings are > authorized rate of return, deferral costs not recoverable, otherwise the PCAM applies. If earnings are < authorized rate of return, deferral owed to customers is not passed on.	n/a	n/a	n/a
Rebate/Payment Trigger	+/- \$5M in balancing account		+/- \$15M on accrued balances	+/- \$20M in accrued balance		
Carrying Charge on Deferred Balance	Yes	Yes	Yes	Yes	Customer Refunds Only	Yes
Amortization Period	1 year	1 year	1 year	1 year	1 year	1 year
Resetting Baseline Rates	Base net power costs are in effect until rates are adjusted through a general rate case	Forecast NPC updated if ECAC Offset Rate calculation varies from previous forecast by > +/- 5% or the filing of a GRC	Baseline NPC updated with annual TAM filing or rates in effect from the most recent GRC	Base net power costs are in effect until rates are adjusted through a general rate case	Base net power costs are in effect until rates are adjusted through a general rate case	Base net power costs are in effect until rates are adjusted through a general rate case
Include all Net Power Cost Components?	Yes	The balancing rate for over/under recovery amortization updated if the balancing rate changes by > +/- 5%	Yes	Yes	Yes	No - The UCAM includes only wholesale purchases and sales of electricity, wholesale coal purchases and market wholesale natural gas purchases and sales.
Other	100% recovery for QF costs Actual NPC is adjusted for out of period accounting adjustments and regulatory treatment of individual cost items	100% recovery for QF costs Actual NPC is adjusted for out of period accounting adjustments and regulatory treatment of individual cost items	100% recovery for QF costs Actual NPC is adjusted for out of period accounting adjustments and regulatory treatment of individual cost items	100% recovery for QF costs Actual NPC is adjusted for out of period accounting adjustments and regulatory treatment of individual cost items	Actual NPC is adjusted for out of period accounting adjustments and regulatory treatment of individual cost items	Actual NPC is adjusted for out of period accounting adjustments and regulatory treatment of individual cost items
Accrued Costs Subject to Prudence Review?	Yes	Yes	Yes	Yes	Yes	Yes
Example	Attachment WUTC Bench 22 a	Attachment WUTC Bench 22 b	Attachment WUTC Bench 22 c	Attachment WUTC Bench 22 d	Attachment WUTC Bench 22 e	Attachment WUTC Bench 22 f
Other Recovery Mechanisms		Transition Adjustment Mechanism (TAM) - An annual reset of NPC rates on forecast basis.				

WASHINGTON

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GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 22 -2

Docket No. 05-
Exhibit No. PPL/505
Witness: Mark T Widmer

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP

Exhibit Accompanying Direct Testimony of
Mark T. Widmer
California ECAC Calculation Illustration

November 2005

**California ECAC Calculation Illustration
In Thousands (000)**

Line	Year 1	Year 2	Year 3	Year 4	Year 5
General Rate Case					
1	839,764		910,000	865,000	
2	1.7%		15,041	2.0%	
3	14,192		1,050	17,300	
4	950		14.32	1,700	
5	14.94		-4.1%	10.18	
ECAC Implementation					
ECAC Offset Rate					
6		890,000	910,000		820,000
7		15,041	15,379		16,400
8		1,050	1,300		2,100
9		14.32	11.83		7.81
10		-4.1%	-20.8%		-23.3%
11	14.94	14.94	11.83	10.18	7.81
ECAC Balancing Rate					
10	839,764	839,764	910,000	865,000	820,000
11	1,050	1,105	1,350	1,600	2,200
12	110.5%	116.3%	103.8%	94.1%	104.8%
13	927,939	976,646	944,580	813,965	859,360
14	865,000	895,000	860,000	835,000	875,000
15	(62,939)	(81,646)	(84,580)	21,035	15,640
Total Company Component Variance					
16	(12,588)	(16,329)	(16,916)	4,207	3,128
17	(6,294)	(8,165)	(8,458)	2,104	1,564
18	(6,294)	(8,165)	(8,458)	2,104	1,564
19	(6,294)	(8,165)	(8,458)	2,104	1,564
20	(31,470)	(40,823)	(42,290)	10,518	7,820
21	(62,939)	(81,646)	(84,580)	21,035	15,640
California Allocated Component Variance					
22	(450)	(584)	(605)	151	112
23	1.73%	(109)	(141)	36	27
24	0.56%	(35)	(46)	12	9
25	0.00%	0	0	0	0
26	1.73%	(545)	(707)	182	135
27	(1,140)	(1,478)	(1,531)	381	283
28	4.0%	4.0%	4.0%	4.0%	4.0%
29	(46)	(59)	(61)	15	11
30	(1,185)	(1,537)	(1,593)	396	295
31		(1.13)	(1.18)	(0.94)	0.19
32		100.0%	4.4%	-20.3%	-120.2%
33		(1.13)	(1.13)	(0.94)	0.19
34	14.94	13.81	10.70	9.24	8.00
35	102.5%	102.5%	102.5%	102.5%	102.5%
36	15.31	14.15	10.97	9.47	8.20

WASHINGTON

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GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 22 -3

Case UM –
PPL Exhibit 204
Witness: Mark T. Widmer

BEFORE THE PUBLIC UTILITY COMMISSION
OF THE STATE OF OREGON

PACIFICORP

Exhibit Accompanying Direct Testimony of Mark T. Widmer

PCAM Scenarios

April 2005

**PacifiCorp
PCAM Scenarios
No Deadband, 70% Customer / 30% Shareholder Sharing up \$100 Million NPC Change, then 90% Customer / 10% Shareholder Sharing after
Oregon's Allocated Share**

	Scenarios	FY2004 Actuals
Total Company Net Power Costs (\$)		
1	Actual Net Power Costs	745,626,531
2	Baseline Net Power Costs (NPC in Current Rates)	598,000,000
3	Total NPC Variance (line 1 - line 2)	147,626,532
PCAM GRID Studies		
4	Test Period Normalized Net Power Costs - Market Price Change	581,192,825
5	Test Period Normalized Net Power Costs - Actual Owned Hydro	623,692,264
6	Test Period Normalized Net Power Costs - Actual Mid-C	582,140,329
Actual Hydro Generation (MWh)		
7	Company owned - West	3,230,154
8	Company owned - East	191,823
9	Mid Columbia	1,816,929
Normalized Hydro Generation in Rates (MWh)		
10	Company owned - West	4,329,416
11	Company owned - East	515,788
12	Mid Columbia	1,921,759
Hydro Generation Difference (Actual less Normalized MWh)		
13	Company Owned - West (line 7 - line 10)	(1,099,262)
14	Company Owned - East (line 8 - line 11)	(323,965)
15	Mid Columbia (line 9 - line 12)	(104,830)
Total Additional NPC Cost / (Benefit) (\$)		
16	Company Owned Hydro - West ((line 5 - line 4) X (line 13 / (line 13 + line 14)	32,825,420
17	Company Owned Hydro - East ((line 5 - line 4) X (line 14 / (line 13 + line 14)	9,674,019
18	Mid Columbia (line 6 - line 4)	947,505
19	Existing QF	4,606,100
20	New QF	0
21	All Other (line 3 - sum(line16:line20))	99,573,488
22	Total	147,626,532

**PacifiCorp
PCAM Scenarios
No Deadband, 70% Customer / 30% Shareholder Sharing up \$100 Million NPC Change, then 90% Customer / 10% Shareholder Sharing after Oregon's Allocated Share**

		Scenarios		FY2004 Actuals
Total Company Net Power Costs (\$)				
1	Actual Net Power Costs			745,626,531
2	Baseline Net Power Costs (NPC in Current Rates)			598,000,000
3	Total NPC Variance (line 1 - line 2)			147,626,532
Dead Band				
23	Net Power Costs Variance Upper Dead Band		\$	598,000,000
24	Net Power Costs Variance Lower Dead Band		\$	598,000,000
25	Net Power Costs Variance in excess of Dead Band			147,626,532
26	Excess NPC Variance % of Total NPC Variance (line 24 / line 3)			100%
27	Tier 1			100,000,000
28	Tier 2			47,626,532
Customer /Company Sharing Ratio				
NPC Variance < 0				
29	Tier 1 Up to \$100 Million	> 0	(\$100,000,000)	\$100,000,000
30	Customer Sharing %			70%
31	Company Sharing %			30%
Tier 2 In Excess of \$100 Million				
32	Customer Sharing %			90%
33	Company Sharing %			10%
34	Customer Recovery Tier 1			70,000,000
35	Customer Recovery Tier 2			42,863,879
36	Customer % of Total Net Power Costs Variance			76%
37	Shareholder % of Total Net Power Costs Variance			24%
Customer Share Additional NPC Cost / (Benefit) (\$)				
38	Company Owned Hydro - West (line 16 X line 36)			25,095,789
39	Company Owned Hydro - East (line 17 X line 36)			7,396,010
40	Mid Columbia (line 18 X line 36)			724,389
41	Existing QF (line 19 X 100%)			4,606,100
42	New QF (line 20 X 100%)			0
43	All Other (line 21 X line 36)			<u>76,126,221</u>
44	Total Customer Share			113,948,509
Company Share Additional NPC Cost / (Benefit) (\$)				
45	Total Company Share (line 3 - line 44)			33,678,023
Oregon Allocated Share (\$)				
MSP Factor				
46	Company Owned Hydro - West	FY2004 %		14,500,698
47	Company Owned Hydro - East			2,117,892
48	Mid Columbia			505,115
49	Existing QF			2,744,415
50	New QF			0
51	All Other			<u>21,799,200</u>
52	Total Oregon PCAM Adjustment			41,667,320
53	Oregon % of Total PCAM Adjustment			37%

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 22 -4

PacifiCorp
Exhibit UP&L _____(MTW-5)
Docket No. 05-035-_____
Witness: Mark T. Widmer

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF UTAH

PACIFICORP

Exhibit Accompanying Direct Testimony of Mark T. Widmer

PCAM Scenario

November 2005

PacifiCorp
PCAM Scenario
100% Cost Reductions Returned to Customers,
90% of Cost Increases recovered by Company
Utah's Allocated Share
(Assumes rates from Utah 03-2035-02 were in effect for all CY 2004)

		Scenarios	CY 2004 Actuals
Total Company Net Power Costs (\$)			
1	Actual Net Power Costs		745,626,531
2	Baseline Net Power Costs		<u>512,000,000</u>
3	Total NPC Variance (line 1 - line 2)		233,626,532
PCAM GRID Studies			
4	Test Period Normalized Net Power Costs - Market Price Change		506,734,135
5	Test Period Normalized Net Power Costs - Actual Owned Hydro		548,190,627
6	Test Period Normalized Net Power Costs - Actual Mid-C		510,349,087
Actual Hydro Generation (MWh)			
7	Company owned - West		3,230,154
8	Company owned - East		191,823
9	Mid Columbia		1,816,929
Normalized Hydro Generation in Rates (MWh)			
10	Company owned - West		4,326,118
11	Company owned - East		509,838
12	Mid Columbia		1,921,760
Hydro Generation Difference (Actual less Normalized MWh)			
13	Company Owned - West (line 7 - line 10)		(1,095,964)
14	Company Owned - East (line 8 - line 11)		(318,015)
15	Mid Columbia (line 9 - line 12)		(104,831)
Total Additional NPC Cost / (Benefit) (\$)			
16	Company Owned Hydro - West ((line 5 - line 4) X ((line 13 / (line 13 + line 14)		32,132,604
17	Company Owned Hydro - East ((line 5 - line 4) X ((line 14 / (line 13 + line 14)		9,323,889
18	Mid Columbia (line 6 - line 4)		3,614,952
19	Existing QF		9,702,753
20	New QF		1,944,987
21	All Other (line 3 - sum(line16:line20))		<u>176,907,347</u>
22	Total		233,626,532
Dead Band			
		%	
23	Net Power Costs Variance Upper Dead Band	0.00%	512,000,000
24	Net Power Costs Variance Lower Dead Band	0.00%	512,000,000
25	Net Power Costs Variance in excess of Dead Band		233,626,532
26	Excess NPC Variance % of Total NPC Variance (line 24 / line 3)		100%
Customer /Company Sharing Ratio			
		NPC Variance	
		> 0 < 0	
27	Customer Sharing %	90% 100%	90%
28	Company Sharing %	10% 0%	10%
29	Customer % of Total Net Power Costs Variance (QFs & 100%)		90%
30	Shareholder % of Total Net Power Costs Variance		10%
Customer Share Additional NPC Cost / (Benefit) (\$)			
31	Company Owned Hydro - West (line 16 X line 29)		28,919,343
32	Company Owned Hydro - East (line 17 X line 29)		8,391,500
33	Mid Columbia (line 18 X line 29)		3,253,457
34	Existing QF (line 19 X 100%)		9,702,753
35	New QF (line 20 X 100%)		1,944,987
36	All Other (line 21 X line 29)		<u>159,216,612</u>
37	Total Customer Share		211,428,652
Company Share Additional NPC Cost / (Benefit) (\$)			
38	Total Company Share (line 3 - line 37)		22,197,879
Utah Allocated Share (\$)			
		MSP Factor	CY 2004 %
39	Company Owned Hydro - West	DGP	0.0000% 0
40	Company Owned Hydro - East	SG	39.2437% 3,293,136
41	Mid Columbia	MC	11.3920% 370,635
42	Existing QF	Situs	5,504,270
43	New QF	SG	39.2437% 763,285
44	All Other	SG	39.2437% <u>62,482,512</u>
45	Total Utah PCAM Adjustment		72,413,838
	Retail Revenue Adjustment (power production rate		
	.03209 per kilowatt hour multiplied by difference		
	between the actual and base retail kilowatt-hour sales		
46	1,274,676		<u>(40,904,358)</u>
47	Total Utah PCAM Adjustment		31,509,480

PacifiCorp

PCAM Scenario

**100% Cost Reductions Returned to Customers,
90% of Cost Increases reecovered by Company
Utah's Allocated Share**

(Assumes rates from Utah 03-2035-02 were in effect for all CY 2004)

PacifiCorp
Exhibit UP&L__(MTW-4) Pg. 2 of 2
Docket No. 05-035-__
Witness: Mark T. Widmer

	Scenarios	CY 2004 Actuals
Total Company Net Power Costs (\$)		
1 Actual Net Power Costs		745,626,531
2 Baseline Net Power Costs		<u>512,000,000</u>
3 Total NPC Variance (line 1 - line 2)		<u>233,626,532</u>

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 22 -5

PacifiCorp
Exhibit PPL _____.5 (MTW-5)
Docket No.20000-____-ER-05
Witness: Mark T. Widmer

BEFORE THE WYOMING PUBLIC SERVICE
COMMISSION

PACIFICORP

Exhibit Accompanying Direct Testimony of Mark T. Widmer

Wyoming AFOR Calculation Illustration

October 2005

Wyoming AFOR Calculation Illustration

Line	Year 1	Year 2	Year 3	Year 4	Year 5
General Rate Case					
1	605.0			810.0	
2	15.67%			15.00%	
3	94.8			121.5	
4	8.1			8.5	
5	11.70	11.70	11.70	14.29	14.29
AFOR Implementation					
6		745.0	800.0		775.0
7		116.7	125.4		116.3
8		8.3	8.4		8.2
9		14.06	14.93		14.18
10	0.00	2.36	3.23	0.00	(0.11)
Deferred AFOR NPC Adjustment					
11	605.0	745.0	800.0	810.0	775.0
12	8.3	8.5	7.9	8.3	8.5
13	102.5%	102.4%	94.0%	97.6%	103.7%
14	620.1	762.9	752.0	790.6	803.7
15	745.0	790.0	680.0	700.0	875.0
16	124.9	27.1	(72.0)	(90.6)	71.3
Total Company Component Variance					
17	25.0	5.4	(14.4)	(18.1)	14.3
18	12.5	2.7	(7.2)	(9.1)	7.1
19	12.5	2.7	(7.2)	(9.1)	7.1
20	12.5	2.7	(7.2)	(9.1)	7.1
21	62.5	13.6	(36.0)	(45.3)	35.7
22	124.9	27.1	(72.0)	(90.6)	71.3
Wyoming Allocated Component Variance					
23	6.2	1.3	(3.6)	(4.5)	3.5
24	1.8	0.4	(1.0)	(1.3)	1.0
25	0.5	0.1	(0.3)	(0.4)	0.3
26	0.0	0.0	0.0	0.0	0.0
27	8.8	1.9	(5.1)	(6.4)	5.0
28	17.3	3.7	(10.0)	(12.6)	9.8
29	8.3	8.4	8.5	8.2	8.4
30	2.08	0.44	(1.18)	(1.54)	1.17
31	90%	90%	100%	100%	90%
32	1.87	0.40	(1.18)	(1.54)	1.05
33	0.00	4.23	3.63	(1.18)	(1.65)
34	11.70	15.93	15.33	13.11	12.64

Factor

DGP	24.74%
SG	14.16%
MC	4.15%
Situs	0.00%
SG	14.16%

UE-050684/PacifiCorp
January 26, 2006
WUTC Bench Data Request 23

WUTC Bench Data Request 23

Compare the PCAM proposed by the Company in this general rate case to the Avista and Puget Sound Energy PCA mechanisms.

Response to WUTC Bench Data Request 23

The requested comparison is provided as Attachment WUTC Bench 23.

Responder: Mark Widmer
Witness: Mark Widmer

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 23

Attachment WUTC_Bench 23	<u>PacifiCorp</u>	<u>Avista</u>	<u>Puget Sound Energy</u>
Recovery Mechanism	Power Cost Adjustment Mechanism (PCAM)	Energy Recovery Mechanism (ERM)	Power Cost Adjustment (PCA)
Deadband / Amount +/- from Baseline	No deadband	Yes - +/- \$9M	Yes - +/- \$20M
Total Company Impact	Deadband \$9M Washington => Deadband \$106M PacifiCorp Deadband \$20M Washington => Deadband \$235M PacifiCorp		
Subsequent Cost Sharing Rate (% customers / % utility)	90% / 10%	90% / 10%	50% / 50% next \$20M 90% / 10% next \$80M 95% / 5% if > \$120M
Cap for Utility?	n/a	n/a	4 year \$40M cap + 1% of excess above \$40M cap through 6/30/06
Deferrals Surcharge/Rebate Trigger	+/- \$5M in balancing account	When deferrals = 10% of base retail revenue (~\$27.8M)	+/- \$30M in balancing account
Carrying Charge on Deferred Balance	Yes	Yes	
Amortization Period	1 year	1 year	1 year
Resetting Baseline Rates	General Rate Case	General Rate Case	General Rate Case
Include all Net Power Cost Components?	Excludes new owned generation	Excludes wheeling revenue sales	Excludes LTF contracts greater than 2 years and new owned generation
Other Mechanisms			PCORC - Recovers items not included in PCA
QF Recovery	100% recovery for QF costs	n/a	n/a
Other Adjustments	Retail load adjustment	Retail load adjustment	Fixed rate component recovered through Power Cost Rate and Colstrip Availability
Accrued Costs Subject to Prudence Review?	Yes	Yes	Yes
Relationship to Earnings	If rate of return > authorized, deferral costs not recoverable. If rate of return < authorized, deferral balances owed to customers not returned		

UE-050684/PacifiCorp
January 26, 2006
WUTC Bench Data Request 24

WUTC Bench Data Request 24

What proportion of the Company's total (system-wide) energy is composed of hydro power, both Company owned and through long-term purchase power agreements? Please provide this on a normalized basis.

Response to WUTC Bench Data Request 24

The Company's owned and contracted hydro generation accounts for 8.21% of total system-wide energy. The proportion is the sum of lines 1 and 6 from Exhibit No. __ (MTW-3) of Mr. Widmer's direct testimony. This information is provided as Attachment WUTC Bench 24.

Responder: Mark Tallman
Witness: Mark Tallman

WASHINGTON

UE-050684

GENERAL RATE CASE

PACIFICORP

WUTC BENCH DATA REQUEST

ATTACHMENT WUTC BENCH 24

Exhibit No. ___(MTW-3)
Docket No. UE-05_____
2005 PP&L Rate Case
Witness: Mark T. Widmer

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

vs.

PACIFICORP dba Pacific Power & Light
Company,

Respondent.

Docket No. UE-05_____

PACIFICORP

EXHIBIT OF MARK T. WIDMER

Major Sources of Future Peak Generation Capabilities

May 2005

PacifiCorp
Normalized Sources of Peak Capacity
12 Months Ending March 2007

Line No.	Description	Winter Peak December MW	% of Total Capacity	Summer Peak July MW	% of Total Capacity	Annual Energy		Line No.
						GWH	% of Total Requirement	
<u>Company Owned Generation</u>								
1	Hydro	822	8.77%	609	6.23%	4,381	5.94%	1
2	Thermal /1, /2	5,578	59.50%	5,961	61.03%	50,282	68.12%	2
3	Wind	15	0.16%	9	0.09%	107	0.14%	3
4	Total Company Owned Generation	6,416	68.43%	6,579	67.36%	54,770	74.20%	4
<u>Purchased & Exchanges</u>								
5	Long Term Firm	1,093	11.66%	1,531	15.67%	11,222	15.20%	5
6	Mid Columbia	237	2.53%	252	2.58%	1,681	2.28%	6
7	Exchanges	1,097	11.71%	82	0.84%	(242)	-0.33%	7
8	Short Term Firm Purchases	-	0.00%	575	5.89%	1,607	2.18%	8
9	System Balancing	532	5.67%	748	7.66%	4,777	6.47%	9
10	Total Purchased Power and Exchange	2,960	31.57%	3,188	32.64%	19,044	25.80%	10
11	Total Resources	9,375	100.00%	9,767	100.00%	73,814	100.00%	11
12	Special Sales	1,270		973		16,575		12
13	System Net of Special Sales	8,105		8,793		57,239		13

/1 Includes James River and Blundell Geothermal

/2 After Derates, Maintenance and Reserves