

EXHIBIT NO. _____ (CEL-5)
DOCKET NO. UE-92 _____
WITNESS: C.E. LYNCH

**BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION
COMMISSION**

COMPLAINANT

VS.

PUGET SOUND POWER & LIGHT COMPANY

RESPONDENT

EXHIBIT

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

UE-920499

6v

Cost of Service Report

SCENARIO - BIFURCATION

Puget Sound Power & Light Company

Scenario - Bifurcation of Costs

4/29/92 16:45

Description	Category Reference ID #	Category Primary	Summary Total Allocation	Summary	Summary	Summary	Summary	Summary	Summary
				Class Residential	Class Secondary	Class Primary	Class High Volt	Class Lighting	Class Firm Resale
1 Total Operating Revenues - Total	REV.T3	*	834,495,813	457,408,847	242,255,748	50,100,660	73,443,655	7,829,173	3,457,730
2 Total Operating Revenues - Base	REV.T3	B	377,539,050	229,994,333	103,366,619	18,909,747	19,082,430	6,035,410	1,135,466
3 Total Operating Revenues - Resource	REV.T3	R	456,956,763	227,414,514	138,889,129	31,190,913	54,361,225	1,793,762	2,322,263
Line 3 Includes:									
4 Sales of Electricity - Non Firm	ID447.03	R	10,855,200	5,573,175	2,876,303	769,392	1,543,522	34,601	58,206
Line 2 Includes:									
5 Other Operating Revenue - Total	REV.T2	B	10,932,730	7,463,236	1,688,911	525,125	1,212,270	25,732	17,455
6 Total Operating Expenses - Total	OE.T	*	645,478,834	364,859,611	163,996,591	40,493,393	67,707,909	5,574,883	2,846,446
7 Total Operating Expenses - Base	OE.T	B	318,957,459	196,677,470	77,513,811	17,457,877	21,787,848	4,415,886	1,104,567
8 Total Operating Expenses - Resource	OE.T	R	326,521,375	168,182,141	86,482,780	23,035,517	45,920,062	1,158,997	1,741,879
9 Rate Base - Total	RB.T	*	1,841,573,891	1,093,758,734	469,839,664	108,529,925	144,829,364	17,644,782	6,971,421
10 Rate Base - Base	RB.TB	B	1,094,551,821	711,483,935	271,511,074	55,446,099	37,930,538	15,240,761	2,939,414
11 Rate Base - Resource	RB.TR	R	747,022,070	382,274,800	198,328,590	53,083,826	106,898,826	2,404,022	4,032,006
12 Return On Net Investment - Total	RRB.T	*	189,016,982	108,984,442	48,637,032	11,622,986	17,435,414	1,557,294	779,815
13 Return On Net Investment - Base	RRB.TB	B	88,642,341	57,619,566	21,988,340	4,490,305	3,071,807	1,234,274	238,049
14 Return On Net Investment - Resource	RRB.TR	R	100,374,641	51,364,876	26,648,692	7,132,681	14,363,607	323,020	541,766
15 Return on Rate Base - Total	(12/9)	*	10.264%	9.964%	10.352%	10.709%	12.039%	8.826%	11.186%
16 Return on Rate Base - Base	(13/10)	*	8.099%	8.099%	8.099%	8.099%	8.099%	8.099%	8.099%
17 Return on Rate Base - Resource	(14/11)	*	13.437%	13.437%	13.437%	13.437%	13.437%	13.437%	13.437%
18 Total Cost of Service - Total	(6+12)	*	834,495,816	473,844,053	212,633,623	52,116,380	85,143,323	7,132,176	3,626,261
19 Total Cost of Service - Base	(7-5+13)	*	396,667,070	246,833,801	97,813,240	21,423,057	23,647,384	5,624,427	1,325,161
20 Total Cost of Service - Resource	(8-4+14)	*	416,040,816	213,973,842	110,255,169	29,398,805	58,740,146	1,447,415	2,225,439

Footnote:

The return on each component of the bifurcated cost does not individually equal the overall authorized rate of return due to the tax treatment of ratebase.

Puget Sound Power and Light Company
Comparison of Results of Scenarios

Production Classification Factors		Summary	Summary	Summary	Summary	Summary	Summary	
Description		Total	Class Residential	Class Sec Gen'l Svc	Class Pri Gen'l Svc	Class High Volt Gen'l Svc	Class Lighting	Class Firm Resale
1	Parity Ratios (As Shown On Summary 2)							
2	Base Case Scenario - Proposed COS	100%	93%	125%	95%	83%	110%	96%
3	- 16% Demand 83 % Energy (Peak Credit)							
4	Scenario - Demand	100%	81%	143%	122%	146%	130%	148%
5	- 100% Demand 0% Energy							
→→→ 6	Delta from Base Case	0%	-12%	18%	27%	63%	20%	52%
7	Scenario - Energy	100%	97%	122%	91%	77%	106%	89%
8	- 0% Demand 100% Energy							
→→→ 9	Delta from Base Case	0%	4%	-3%	-4%	-6%	-4%	-7%
→→→ 10	Scenario - U-89 Peak Credit	100%	93%	125%	96%	85%	110%	97%
11	- 20% Demand 80% Energy							
→→→ 12	Delta from Base Case	0%	0%	0%	1%	2%	0%	1%
13	Scenario - LCS	100%	92%	127%	98%	88%	112%	100%
14	- 28% Demand 72% Energy							
→→→ 15	Delta from Base Case	0%	-1%	2%	3%	5%	2%	4%
16	Scenario - Collab	100%	95%	123%	94%	81%	108%	93%
17	- 10% Demand 90% Energy							
→→→ 18	Delta from Base Case	0%	2%	-2%	-1%	-2%	-2%	-3%

Cost of Service Report

Scenario Comparisons

Puget Sound Power and Light Company
Comparison of Results of Scenarios

Number of Hours in CP Allocation Factor		Summary	Summary	Summary	Summary	Summary	Summary	
Description		Class	Class	Class	Class	Class	Class	
		Total Residential	Secondary Ge	Primary Gen'	High Volt Ge	Lighting	Firm Resale	
1	Parity Ratios (As Shown On Summary 2)							
2	Base Case Scenario - Proposed COS	100%	93%	125%	95%	83%	110%	96%
3	- 200 Highest System Peak Hours							
4	Scenario - CP 1	100%	92%	127%	95%	85%	110%	98%
5	- Single Highest System Peak Hour							
6	Delta from Base Case	0%	-1%	2%	0%	2%	0%	2%
7	Scenario - CP 12	100%	93%	125%	95%	84%	110%	97%
8	- Twelve Highest System Peak Hours							
9	Delta from Base Case	0%	0%	0%	0%	1%	0%	1%
10	Scenario - CP 1500	100%	94%	124%	95%	82%	109%	94%
11	- 1500 Highest System Peak Hours							
12	Delta from Base Case	0%	1%	-1%	0%	-1%	-1%	-2%
13	Scenario - CP 12 MO	100%	95%	124%	92%	81%	111%	95%
14	- Twelve Monthly System Peak Hours							
15	Delta from Base Case	0%	2%	-1%	-3%	-2%	1%	-1%

Puget Sound Power and Light Company
Comparison of Results of Scenarios

Transmission Classification Factors		Summary	Summary	Summary	Summary	Summary	Summary	
Description		Class	Class	Class	Class	Class	Class	
		Total	Residential	Sec Gen'l Svc	Pri Gen'l Svc	High Volt Gen'l Svc	Lighting	Firm Resale
1	Parity Ratios (As Shown On Summary 2)							
2	Base Case Scenario - Generation Related based on Prod Plt Non-Generation Related - 100 % Demand	100%	93%	125%	95%	83%	110%	96%
→→→ 3	Scenario - 100 % Demand	100%	93%	126%	96%	86%	111%	98%
→→→ 4	Delta from Base Case	0%	0%	1%	1%	3%	1%	2%
→→→ 5	Scenario - Based on Production Plant	100%	95%	123%	94%	80%	107%	91%
→→→ 6	Delta from Base Case	0%	2%	-2%	-1%	-3%	-3%	-5%

Puget Sound Power and Light Company
Comparison of Results of Scenarios

Distribution Classification Factors		Summary	Summary	Summary	Summary	Summary	Summary	
Description		Class	Class	Class	Class	Class	Class	
		Total	Residential	Sec Gen'l Svc	Pri Gen'l Svc	High Volt Gen'l Svc	Lighting	Firm Resale
1	Parity Ratios (As Shown On Summary 2)							
2	Base Case Scenario - Basic Customer	100%	93%	125%	95%	83%	110%	96%
→→→	3 Scenario - Minimum System	100%	88%	141%	107%	83%	111%	104%
→→→	4 Delta from Base Case	0%	-5%	16%	12%	0%	1%	8%
→→→	5 Scenario - Modified Basic Customer	100%	92%	130%	95%	83%	110%	96%
→→→	6 Delta from Base Case	0%	-1%	5%	0%	0%	0%	0%