

WASHINGTON UTILITIES TRANSPORTATION COMMISSION
vs.
PUGET SOUND POWER & LIGHT COMPANY
DOCKET NOS. UE-920433, UE-920499, and UE-921262

WICFUR RESPONSES TO
PUGET SOUND POWER & LIGHT COMPANY'S FIRST SET OF DATA REQUESTS

Request 516. Provide worksheets and all supporting calculations used to derive the 29% demand and 71% energy production cost split referenced on page 11, lines 3-4 of Mr. Schoenbeck's testimony.

Response: Enclosed are copies of the worksheets used to derive the 29%/71% peak credit classification split (see "PCAC.WK3").

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION
UE-920433; -920499;
No. -921262 Ex. 75✓

Puget Sound Power & Light

*Avoided Cost Pricing -
P.C. W.P.*

516

ENERGY

YEAR	Winter	Hrs	KW	Summer	Hrs	Total	TOTAL	Present	TOTAL	Present	Total	Present	
	(Sept-Mar)		5.4 (Apr-Aug)	Summer		Summer	Value	Value	Value	Value	Capacity	Value	
1994	15.58	5088	\$428	13.5	3672	\$268	\$696	\$633	0	\$0	\$0	\$696	\$633
1995	16.65	5088	\$457	13.98	3672	\$277	\$735	\$607	0	\$0	\$0	\$735	\$607
1996	35.43	5112	\$978	27.73	3672	\$550	\$1,528	\$1,148	7.4	\$648	\$487	\$2,176	\$1,635
1997	37.88	5088	\$1,041	29.7	3672	\$589	\$1,630	\$1,113	7.86	\$689	\$470	\$2,318	\$1,583
1998	40.57	5088	\$1,115	31.86	3672	\$632	\$1,746	\$1,084	8.37	\$733	\$455	\$2,480	\$1,540
1999	43.51	5088	\$1,195	34.23	3672	\$679	\$1,874	\$1,058	8.92	\$781	\$441	\$2,656	\$1,499
2000	46.73	5112	\$1,290	36.82	3672	\$730	\$2,020	\$1,037	9.52	\$834	\$428	\$2,854	\$1,465
2001	48.37	5088	\$1,329	38.08	3672	\$755	\$2,084	\$972	9.88	\$865	\$404	\$2,950	\$1,376
2002	50.15	5088	\$1,378	39.46	3672	\$782	\$2,160	\$916	10.27	\$900	\$382	\$3,060	\$1,298
2003	51.98	5088	\$1,428	40.87	3672	\$810	\$2,239	\$863	10.68	\$936	\$361	\$3,174	\$1,224
2004	53.91	5112	\$1,488	42.36	3672	\$840	\$2,328	\$816	11.1	\$972	\$341	\$3,300	\$1,157
2005	55.93	5088	\$1,537	43.92	3672	\$871	\$2,408	\$767	11.54	\$1,011	\$322	\$3,418	\$1,089
2006	58.05	5088	\$1,595	45.55	3672	\$903	\$2,498	\$724	12.01	\$1,052	\$305	\$3,550	\$1,028
2007	60.31	5088	\$1,657	47.3	3672	\$938	\$2,595	\$683	12.5	\$1,095	\$288	\$3,690	\$972
2008	62.74	5112	\$1,732	49.18	3672	\$975	\$2,707	\$648	13.04	\$1,142	\$273	\$3,849	\$922
2009	65.3	5088	\$1,794	51.15	3672	\$1,014	\$2,808	\$611	13.6	\$1,191	\$259	\$4,000	\$870
2010	67.98	5088	\$1,868	53.22	3672	\$1,055	\$2,923	\$578	14.18	\$1,242	\$246	\$4,165	\$824
2011	70.8	5088	\$1,945	55.39	3672	\$1,098	\$3,044	\$547	14.8	\$1,296	\$233	\$4,340	\$781
2012	73.76	5112	\$2,036	57.68	3672	\$1,144	\$3,180	\$520	15.45	\$1,353	\$221	\$4,533	\$741
2013	76.87	5088	\$2,112	60.08	3672	\$1,191	\$3,303	\$491	16.14	\$1,414	\$210	\$4,717	\$701
2014	80.21	5088	\$2,204	62.66	3672	\$1,242	\$3,446	\$466	16.87	\$1,478	\$200	\$4,924	\$665
2015	83.72	5088	\$2,300	65.37	3672	\$1,296	\$3,596	\$442	17.64	\$1,545	\$190	\$5,142	\$632
2016	87.27	5112	\$2,409	68.11	3672	\$1,351	\$3,760	\$420	18.42	\$1,614	\$180	\$5,373	\$600
2017	91	5088	\$2,500	70.98	3672	\$1,407	\$3,908	\$397	19.23	\$1,685	\$171	\$5,592	\$568
2018	94.92	5088	\$2,608	74.01	3672	\$1,468	\$4,075	\$376	20.09	\$1,760	\$162	\$5,835	\$539
2019	99.03	5088	\$2,721	77.18	3672	\$1,530	\$4,251	\$357	21	\$1,840	\$154	\$6,091	\$511
2020	103.34	5112	\$2,853	80.51	3672	\$1,596	\$4,449	\$339	21.94	\$1,922	\$147	\$6,371	\$486
2021	107.88	5088	\$2,964	84.01	3672	\$1,666	\$4,630	\$321	22.94	\$2,010	\$139	\$6,639	\$460
2022	112.63	5088	\$3,095	87.68	3672	\$1,739	\$4,833	\$305	23.98	\$2,101	\$132	\$6,934	\$437
2023	117.63	5088	\$3,232	91.54	3672	\$1,815	\$5,047	\$289	25.08	\$2,197	\$126	\$7,244	\$415
2024	122.88	5112	\$3,392	95.58	3672	\$1,895	\$5,287	\$275	26.23	\$2,298	\$120	\$7,585	\$395
2025	128.39	5088	\$3,528	99.84	3672	\$1,980	\$5,507	\$261	27.44	\$2,404	\$114	\$7,911	\$375

Puget Sound Power & Light

ENERGY

*****:*****:***** Present													
YEAR	Winter (Sept-Mar)	Hrs	KW	Summer (Apr-Aug)	Hrs	Total Summer	TOTAL ENERGY	Value Energy	Capacity	TOTAL CAPACITY	Present Value Capacity	Total Capacity Energy	Present Value Total
2026	134.18	5088	\$3,687	104.31	3672	\$2,068	\$5,755	\$248	28.71	\$2,515	\$108	\$8,270	\$356
2027	140.25	5088	\$3,853	108.99	3672	\$2,161	\$6,015	\$235	30.04	\$2,632	\$103	\$8,646	\$338
2028	146.63	5112	\$4,048	113.91	3672	\$2,259	\$6,306	\$224	31.44	\$2,754	\$98	\$9,061	\$322
2029	153.33	5088	\$4,213	119.08	3672	\$2,361	\$6,574	\$213	32.91	\$2,883	\$93	\$9,457	\$306
2030	160.36	5088	\$4,406	124.51	3672	\$2,469	\$6,875	\$202	34.45	\$3,018	\$89	\$9,893	\$291
								\$21,187			\$8,453	\$29,641	

Note: Used 10 KW @ 54% Load factor

0.1030	0.1030	0.1030
\$2,183	\$871	\$3,054

71% ←

→ 29%