

**EXH. PKW-11C
DOCKET UE-20____
2020 PSE PCORC
WITNESS: PAUL K. WETHERBEE**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

Docket UE-20____

**TENTH EXHIBIT (CONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF**

PAUL K. WETHERBEE

ON BEHALF OF PUGET SOUND ENERGY

**REDACTED
VERSION**

DECEMBER 9, 2020

Puget Sound Energy
Rate Year Power Costs by Resource
 2020 PCORC

Shaded information is designated as confidential per WAC 480-07-160

Acct.	Resource/Item	2020 PCORC			2019 GRC Final Order			Increase / (Decrease)			Energy (MWh)		
		Not in		Total	Not in		Total	Aurora		Total	2019 GRC Final		Increase / (Decrease)
		Aurora			Aurora			Aurora			Order		
555H	Lower Baker	0	0	0	0	0	0	0	0	0	0	0	0
555H	Upper Baker	0	0	0	0	0	0	0	0	0	0	0	0
555H	Snoqualmie	0	0	0	0	0	0	0	0	0	0	0	0
555H	Canadian Entitlement	0	0	0	0	0	0	0	0	0	0	0	0
555H	Mid C Rock Island										645,493	(42,147)	
555H	Mid C Rocky Reach										1,575,658	(58,353)	
555H	Mid C Wells										769,690	276,551	
555H	Mid C Priest Rapids Project										413,350	102,174	
501	Colstrip 3&4												
547	Goldendale												
547	Mint Farm												
547	Sumas												
547	Freddy 1												
547	Encogen												
547	Fredonia 1&2												
547	Fredonia 3&4												
547	Frederickson 1&2												
547	Whitehorn 2&3												
547	Ferndale												
548	Crystal Mountain												
555	Centralia coal PPA												
555	Colstrip 4 PPA												
555WS	Lund Hill												
555WS	Skookumchuck												
555WS	Hopkins Ridge	0	0	0	0	0	0	0	0	0	0	0	0
555WS	Wild Horse	0	0	0	0	0	0	0	0	0	0	0	0
555WS	Wild Horse Expansion	0	0	0	0	0	0	0	0	0	0	0	0
555WS	Lower Snake River	0	0	0	0	0	0	0	0	0	0	0	0
555WS	Klondike III												
555WS	Golden Hills												
555H	Electron												
555H	Energy Keepers												
555	SPI Biomass												
555	Morgan Stanley PPA												
555	Baker Replacement	0	0	0	0	0	0	0	0	0	0	0	0
555	Glacier Battery Storage												
555	PG&E Exchange	0	0	0	0	0	0	0	0	0	0	0	0
555	Point Roberts	1,103	0	1,103	1,658	0	1,658	0	(555)	0	20,726	(74)	
555H	Koma Kulshan	3,477	0	3,477	3,302	0	3,302	0	176	0	41,164	1,158	
555H	Twin Falls	5,399	0	5,399	5,399	0	5,399	0	(0)	0	71,991	(0)	
555H	Weeks Falls	993	0	993	993	0	993	0	(0)	0	13,240	(3)	
555	Schedule 91	12,030	0	12,030	16,522	0	16,522	0	(4,493)	0	154,462	(56,835)	
447	PSE hedges sales												
555	PSE hedges purchases												
555MIP	Market purchases												
		7,000		7,000	6,998		6,998		2				

Puget Sound Energy
Rate Year Power Costs by Resource
2020 PCORC

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Acct.	Resource (Item)	2020 PCORC			2019 GRC Final Order			Increase / (Decrease)			Energy (MWh)		
		Aurora	Not in Aurora	Total	Aurora	Not in Aurora	Total	Aurora	Not in Aurora	Total	2020 PCORC	2019 GRC Final Order	Increase / (Decrease)
	(\$ in thousands)												
447	Market sales												
555H	Chelan pre-payment amort.												
565	Transmission cost												
565	Chelan transmission cost												
565	Transmission re-assignments												
456	Gas mark-to-model												
547	Fixed gas transportation cost												
555MP	Day-ahead wind integration cost												
547	Distillate fuel incremental cost												
547	Remove non-fuel peaker start cost												
555	Winter peak incremental cost												
555	BPA capacity agreement fixed cost												
555	Premiums / (discount) on physical index deals												
557	Other power supply expense												
555MP	Green Direct replacement												
555MP	80-year hydro adjustment												
	Total	\$484,943	\$275,442	\$760,385	\$494,910	\$256,827	\$751,737	(\$9,967)	\$18,615	\$8,648	20,803,205	23,152,655	(2,349,450)
501	Coal	40,508	530	41,037	32,220	6,584	38,804	8,288	(6,054)	2,233	2,315,589	2,344,752	(29,163)
547	Natural gas	88,594	53,152	141,746	78,751	54,043	132,794	9,843	(891)	8,952	3,663,999	4,234,079	(570,080)
555WS	Wind and solar	14,179	0	14,179	9,023	0	9,023	5,156	0	5,156	2,187,728	2,073,910	113,818
555H	Hydro	36,623	115,588	152,211	17,714	95,845	113,559	18,909	19,743	38,652	4,867,430	4,293,165	574,265
555	Other contracts	253,696	4,793	258,489	281,462	1,792	283,254	(27,766)	3,000	(24,765)	5,065,940	6,274,930	(1,208,990)
555MP	Market purchases	70,071	1,072	71,143	85,201	1,007	86,208	(15,130)	64	(15,065)	3,326,610	4,311,033	(984,423)
447	Secondary sales	(18,728)	0	(18,728)	(9,462)	0	(9,462)	(9,267)	0	(9,267)	(624,091)	(379,215)	(244,877)
565	Transmission	0	128,364	128,364	0	117,687	117,687	0	10,678	10,678	0	0	0
456	Other revenues	0	(38,850)	(38,850)	0	(30,566)	(30,566)	0	(8,284)	(8,284)	0	0	0
557	Other power supply expense	0	10,794	10,794	0	10,436	10,436	0	358	358	0	0	0
	Total	\$484,943	\$275,442	\$760,385	\$494,910	\$256,827	\$751,737	-\$9,967	\$18,615	\$8,648	20,803,205	23,152,655	(2,349,450)
	Total Power Costs per mwh										\$36.55	\$32.47	\$4.08
	% increase from 2019 GRC Final Order												

SHADED INFORMATION IS DESIGNATED AS CONFIDENTIAL PER WAC 480-07-160

Rate year: June 2021 through May 2022
Gas price date: 10/21/2020

REDACTED VERSION