

**EXH. PKW-27C
DOCKET UE-200980
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-200980

**SECOND EXHIBIT TO THE PREFILED SUPPLEMENTAL DIRECT
TESTIMONY (CONFIDENTIAL) OF**

PAUL K. WETHERBEE

ON BEHALF OF PUGET SOUND ENERGY

**REDACTED
VERSION**

FEBRUARY 2, 2021

**Puget Sound Energy
Rate Year Power Costs by Resource
2020 PCORC Supplemental**

Shaded information is designated as confidential per Protective Order in Docket UE-200980

Acct.	Resource/Item	2020 PCORC Supplemental			2020 PCORC Initial Filing			Increase / (Decrease)			Energy (MWh)		
		Aurora	Not in Aurora	Total	Aurora	Not in Aurora	Total	Aurora	Not in Aurora	Total	2020 PCORC Supplemental	2020 PCORC Initial Filing	Increase / (Decrease)
	(\$ in thousands)												
555H	Lower Baker	0	0	0	0	0	0	0	0	0			
555H	Upper Baker	0	0	0	0	0	0	0	0	0			
555H	Snoqualmie	0	0	0	0	0	0	0	0	0			
555H	Canadian Entitlement	0	0	0	0	0	0	0	0	0			
555H	Mid C Rock Island												
555H	Mid C Rocky Reach												
555H	Mid C Wells												
555H	Mid C Priest Rapids Project												
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												
555WS	Wild Horse												
555WS	Wild Horse Expansion												
555WS	Lower Snake River												
555WS	Klondike II												
555WS	Golden Hill												
555H	Electron												
555H	Energy Keepers												
555	SPI Biomass												
555	Morgan Stanley PPA												
555	Baker Replacement												
555	Glacier Battery Storage												
555	PG&E Exchange												
555	Point Roberts	1,103	0	1,103	0	0	0	0	0	0			
555H	Koma Kulshan	3,477	0	3,477	0	0	0	1,103	0	0			
555H	Twin Falls	5,399	0	5,399	0	0	0	3,477	0	0			
555H	Weeks Falls	993	0	993	0	0	0	5,399	0	0			
555	Schedule 91	12,030	0	12,030	0	0	0	993	0	0			
447	PSE hedges sales							12,030	0	0			
555	PSE hedges purchases												
555MP	Market purchases												
		7,000									7,000		0
		(0)									(0)		0
		20,652									20,652		0
		41,164									41,164		0
		71,991									71,991		0
		13,240									13,240		0
		154,462									154,462		0

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**Puget Sound Energy
Rate Year Power Costs by Resource
2020 PCORC Supplemental**

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Acct.	Resource/Item (\$ in thousands)	2020 PCORC Supplemental		2020 PCORC Initial Filing		Increase / (Decrease)		Energy (MWh)		Increase / (Decrease)
		Aurora	Not in Aurora	Aurora	Not in Aurora	Aurora	Not in Aurora	2020 PCORC Supplemental	2020 PCORC Initial Filing	
447	Market sales									
555H	Chelan pre-payment amort							0	0	0
565	Transmission cost							0	0	0
565	Chelan transmission cost							0	0	0
565	Transmission re-assignments							0	0	0
456	Gas mark-to-mode							0	0	0
547	Fixed gas transportation cost							0	0	0
547	Day-ahead wind integration cost							0	0	0
547	Distillate fuel incremental cost							0	0	0
555	Remove non-fuel peaker start cost							0	0	0
555	Winter peak incremental cost							0	0	0
555	BPA capacity agreement fixed cost							0	0	0
555	Premiums / (discount) on physical index deals							0	0	0
557	Other power supply expense							0	0	0
555MP	Green Direct replacement							0	0	0
555MP	80-year hydro adjustment							0	0	0
	Total	\$493,208	\$275,886	\$484,943	\$275,442	\$8,265	\$444	20,803,205	20,803,205	0
501	Coal	40,686	530	40,508	530	178	0	2,327,195	2,315,589	11,606
547	Natural gas	89,561	54,917	88,594	53,152	968	1,765	3,492,107	3,663,999	(171,893)
555WS	Wind and solar	14,179	0	14,179	0	0	0	2,187,191	2,187,728	(537)
555H	Hydro	36,623	118,006	36,623	115,588	0	2,418	4,863,782	4,867,430	(3,647)
555	Other contracts	263,812	5,104	253,696	4,793	10,116	312	5,462,729	5,065,940	396,789
555MP	Market purchases	81,015	1,071	70,071	1,072	10,943	(0)	3,622,453	3,326,610	295,843
447	Secondary sales	(32,668)	0	(18,728)	0	(13,940)	0	(1,152,252)	(624,091)	(528,160)
565	Transmission	0	134,569	0	128,364	0	6,204	0	0	0
456	Other revenues	0	(49,106)	0	(38,850)	0	(10,255)	0	0	0
557	Other power supply expense	0	10,794	0	10,794	0	0	0	0	0
	Total	\$493,208	\$275,886	\$484,943	\$275,442	\$8,265	\$444	20,803,205	20,803,205	0
						% increase from Initial Filing		Total Power Costs per MWh		
						1.70%		\$36.97		\$0.42
						0.16%		\$36.55		
						1.15%				

Rate year: June 2021 through May 2022
Gas price date: 1/12/2021

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VERSION