

Exh. JL-6
Dockets UE-190529/UG-190530 and
UE-190274/UG-190275 (*consolidated*)
Witness: Jing Liu

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

**DOCKETS UE-190529
and UG-190530 (*consolidated*)**

In the Matter of the Petition of

PUGET SOUND ENERGY

**For an Order Authorizing Deferral
Accounting and Ratemaking Treatment
for Short-life UT/Technology Investment**

**DOCKETS UE-190274 and
UG-190275 (*consolidated*)**

EXHIBIT TO TESTIMONY OF

Jing Liu

**STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

Temperature Normalization - Electric

November 22, 2019

**PUGET SOUND ENERGY-ELECTRIC SYSTEM
TEMPERATURE NORMALIZATION
FOR THE TWELVE MONTHS ENDED DECEMBER, 2018**

| | Total | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 |
|--|---------------------|---------------------|-----------------------|-------------------|-------------------|---------------------|---------------------|-----------------------|-----------------------|-------------------|-------------------|---------------------|---------------------|
| Revenue Adj | | | | | | | | | | | | | |
| Schedule 7 | \$ 6,412,221 | \$ 2,939,844 | \$ (1,763,625) | \$ 172,737 | \$ 642,453 | \$ 1,928,065 | \$ (229,023) | \$ (1,982,142) | \$ (1,042,064) | \$ 159,539 | \$ 396,380 | \$ 2,248,733 | \$ 2,941,324 |
| Schedule 8, 24 | \$ 360,861 | \$ 348,274 | \$ (211,328) | \$ 27,581 | \$ 52,914 | \$ 93,667 | \$ (40,770) | \$ (353,011) | \$ (185,623) | \$ 28,409 | \$ 31,320 | \$ 224,572 | \$ 344,856 |
| Schedule 7A, 11, 25 | \$ (26,171) | \$ 220,749 | \$ (136,711) | \$ 21,754 | \$ 22,203 | \$ (16,290) | \$ (37,223) | \$ (320,760) | \$ (168,477) | \$ 25,758 | \$ 11,976 | \$ 125,111 | \$ 225,739 |
| Schedule 12, 26 | \$ (227,201) | \$ 23,588 | \$ (13,845) | \$ (713) | \$ 4,190 | \$ (11,717) | \$ (20,839) | \$ (179,863) | \$ (94,883) | \$ 14,501 | \$ 7,057 | \$ 21,059 | \$ 24,264 |
| Schedule 29 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Schedule 10, 31 | \$ (24,832) | \$ 23,241 | \$ (13,684) | \$ (572) | \$ 4,163 | \$ 4,873 | \$ (6,840) | \$ (59,174) | \$ (31,015) | \$ 4,731 | \$ 6,336 | \$ 19,984 | \$ 23,125 |
| Schedule 40 | \$ (38,871) | \$ 11,885 | \$ (6,877) | \$ (578) | \$ 2,062 | \$ 67 | \$ (5,250) | \$ (45,771) | \$ (24,038) | \$ 3,674 | \$ 3,716 | \$ 10,631 | \$ 11,608 |
| Schedule 43 | \$ 91,828 | \$ 38,577 | \$ (23,197) | \$ 2,957 | \$ 5,998 | \$ 15,802 | \$ (976) | \$ (8,447) | \$ (4,408) | \$ 674 | \$ 3,500 | \$ 24,420 | \$ 36,928 |
| Firm Resale | \$ 3,986 | \$ 1,240 | \$ (740) | \$ 63 | \$ 302 | \$ 1,061 | \$ (26) | \$ (223) | \$ (117) | \$ 18 | \$ 187 | \$ 993 | \$ 1,228 |
| Total Temp Adj | \$ 6,551,821 | \$ 3,607,398 | \$ (2,170,007) | \$ 223,229 | \$ 734,285 | \$ 2,015,528 | \$ (340,947) | \$ (2,949,391) | \$ (1,550,625) | \$ 237,304 | \$ 460,472 | \$ 2,675,503 | \$ 3,609,072 |
| kWh - Commission Basis | | | | | | | | | | | | | |
| Schedule 7 | 163,135,973 | 74,793,782 | (44,869,102) | 4,394,677 | 16,344,915 | 49,052,693 | (5,826,662) | (50,428,484) | (26,511,574) | 4,058,905 | 10,084,461 | 57,210,929 | 74,831,433 |
| Schedule 8, 24 | 9,996,659 | 9,648,007 | (5,854,298) | 764,049 | 1,465,851 | 2,594,789 | (1,129,433) | (9,779,238) | (5,142,202) | 787,007 | 867,632 | 6,221,169 | 9,553,329 |
| Schedule 7A, 11, 25 | (735,126) | 6,200,648 | (3,840,088) | 611,055 | 623,653 | (457,585) | (1,045,547) | (9,009,851) | (4,732,380) | 723,522 | 336,395 | 3,514,250 | 6,340,802 |
| Schedule 12, 26 | (6,542,110) | 679,213 | (398,661) | (20,532) | 120,648 | (337,383) | (600,053) | (5,179,057) | (2,732,090) | 417,558 | 203,198 | 606,381 | 698,666 |
| Schedule 29 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Schedule 10, 31 | (734,771) | 687,691 | (404,887) | (16,927) | 123,169 | 144,202 | (202,391) | (1,750,913) | (917,711) | 139,979 | 187,465 | 591,306 | 684,247 |
| Schedule 40 | (1,182,496) | 361,558 | (209,218) | (17,588) | 62,723 | 2,050 | (159,702) | (1,392,398) | (731,254) | 111,761 | 113,038 | 323,414 | 353,121 |
| Schedule 43 | 3,404,680 | 1,430,325 | (860,066) | 109,632 | 222,374 | 585,898 | (36,202) | (313,186) | (163,417) | 24,976 | 129,757 | 905,413 | 1,369,176 |
| Firm Resale | 113,425 | 35,285 | (21,055) | 1,794 | 8,593 | 30,183 | (734) | (6,351) | (3,336) | 510 | 5,316 | 28,272 | 34,948 |
| Total Temp Adj | 167,456,235 | 93,836,510 | (56,457,374) | 5,826,160 | 18,971,926 | 51,614,846 | (9,000,723) | (77,859,479) | (40,933,964) | 6,264,217 | 11,927,261 | 69,401,135 | 93,865,721 |
| Actual Rates in Effect | | | | | | | | | | | | | |
| Effective December 19, 2017 New Variable PCA Rates Only (Decoupling Covers Fixed Production & Margin Revenue) | | | | | | | | | | | | | |
| Rate Schedule | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 | \$ 0.039306 |
| Schedule 7 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 | \$ 0.036098 |
| Schedule 8, 24 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 |
| Schedule 7A, 11, 25 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 | \$ 0.034729 |
| Schedule 12, 26 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 | \$ 0.035601 |
| Schedule 29 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 | \$ 0.033796 |
| Schedule 10, 31 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 | \$ 0.032872 |
| Schedule 40 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 | \$ 0.026971 |
| Schedule 43 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 | \$ 0.035140 |
| Firm Resale | | | | | | | | | | | | | |

