

Exh. JL-6
Dockets UE-170033/UG-170034
Witness: Jing Liu

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

**DOCKETS UE-170033 and
UG-170034 (*Consolidated*)**

**EXHIBIT TO
TESTIMONY OF**

Jing Liu

**STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

Comparison of Ten Year and Five Year Models for Natural Gas

June 30, 2017

Comparison of Adjusted R-squared

Rate Class	Five Year Model	Ten Year Model
R23	0.99	0.97
C31	0.99	0.96
I31	0.97	0.95
C41	0.97	0.87
C41T	0.92	0.71
I41	0.86	0.46
CI85	0.96	0.67
CI85T	0.93	0.75
CI86	0.99	0.96
CI87	0.95	0.52
CI87T	0.94	0.92
II99	0.98	0.91

Comparison of Mean Absolute Present Error

Rate Class	Five Year Model	Ten Year Model
R23	3.62	7.59
C31	3.33	7.46
I31	10.09	12.09
C41	7.81	11.95
C41T	4.69	22.32
I41	4.60	9.14
CI85	4.98	17.62
CI85T	4.99	5.25
CI86	4.47	9.31
CI87	6.15	18.78
CI87T	14.30	10.83
II99	4.45	8.64