

Exhibit No. ___ (JBT-5)
Docket UE-140762, et al.
Witness: Jeremy B. Twitchell

BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

PACIFIC POWER & LIGHT
COMPANY,

Respondent.

UE-140762 and UE-140617
(consolidated)

In the Matter of the Petition of

PACIFIC POWER & LIGHT
COMPANY,

For an Order Approving Deferral of
Costs Related to Colstrip Outage.

DOCKET UE-131384 (consolidated)

In the Matter of the Petition of

PACIFIC POWER & LIGHT
COMPANY,

For an Order Approving Deferral of
Costs Related to Declining Hydro
Generation.

DOCKET UE-140094 (consolidated)

EXHIBIT TESTIMONY OF

Jeremy B. Twitchell

STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION

Bill Frequency Study and Billing Determinants

October 10, 2014

Weather Adjustment

Schedule 16 Residential Month	Temperature Normalization MWh	Ratio First Block MWh	Ratio Second Block MWh	Ratio Third Block MWh
January	(5,397)	(2,912)	(1,576)	(909)
February	9,167	4,946	2,677	1,544
March	7,539	4,067	2,202	1,270
April	5,972	3,222	1,744	1,006
May	(1,197)	(646)	(349)	(202)
June	(2,488)	(1,342)	(727)	(419)
July	(25,949)	(13,999)	(7,579)	(4,370)
August	(10,738)	(5,793)	(3,136)	(1,809)
September	(5,673)	(3,061)	(1,657)	(956)
October	3,592	1,938	1,049	605
November	(553)	(299)	(162)	(93)
December	(17,957)	(9,688)	(5,245)	(3,024)
Total	(43,682)	(23,567)	(12,758)	(7,357)

Schedule 17 Residential Month	Temperature Normalization MWh	Ratio First Block MWh	Ratio Second Block MWh	Ratio Third Block MWh
January	(226)	(125)	(67)	(34)
February	413	228	123	62
March	366	202	109	55
April	298	164	89	45
May	(57)	(31)	(17)	(9)
June	(101)	(56)	(30)	(15)
July	(893)	(493)	(266)	(134)
August	(352)	(194)	(105)	(53)
September	(187)	(103)	(56)	(28)
October	141	78	42	21
November	(25)	(14)	(8)	(4)
December	(854)	(471)	(254)	(128)
Total	(1,478)	(816)	(440)	(222)

Schedule 18/18X Residential	Temperature Normalization MWh	Ratio First Block MWh	Ratio Second Block MWh	Ratio Third Block MWh
Month				
January	(8)	(4)	(2)	(1)
February	13	7	4	2
March	12	6	3	2
April	10	6	3	2
May	(2)	(1)	(1)	(0)
June	(5)	(3)	(2)	(1)
July	(54)	(29)	(16)	(9)
August	(22)	(12)	(6)	(4)
September	(11)	(6)	(3)	(2)
October	7	4	2	1
November	(1)	(1)	(0)	(0)
December	(27)	(14)	(8)	(5)
Total	(89)	(48)	(26)	(15)

Total adjustment, class	(45,248)	(24,430)	(13,224)	(7,594)
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Adjusted Usage	Total	First Block	Second Block	Third Block	Check
Schedule 16	1,510,052,109	814,674,928	441,041,331	254,335,849	1,510,052,109
Schedule 17	64,641,963	35,676,833	19,247,150	9,717,980	64,641,963
Schedule 18	2,111,928	1,139,385	616,894	355,649	2,111,928
Schedule 18X	349,035	188,304	101,953	58,777	349,035
Total, Class	1,577,155,033	851,679,450	461,007,328	264,468,255	1,577,155,033