

PSE's 2008 Approach Regarding New Large Single Load Determination In Support Of BPA's 2008 Consultation Proceeding To Revise The ASC Methodology:

In consideration of the fact that PSE reported zero New Large Single Load (NLSL) on its system from 1981 through September 30, 1996¹, and notwithstanding a data availability constraint² and given BPA's stated intention not to change the NLSL policy³, PSE's determination of the existence (or not) of NLSL's on its system – for purposes of BPA's 2008 consultation proceeding to revise the ASC Methodology – included a review of all customer records for the period January 1, 1999 through December 31, 2007. This review included the following steps with the results as indicated:

- a. Detailed monthly billing records of all individual customers' loads served during the period January 1, 1999 through December 31, 2007 were compiled.
 - i. The detailed monthly billing data was compiled at the *customer premise* level, where a customer premise is defined as a physical location to which PSE provides products or services.
 - ii. Also, load data at a customer premise was summarized across all metering points at a given customer premise for any customer premise for which portions of the load were separately metered.
- b. Per BPA's letter dated February 29, 2008, individual customer load is defined as all load at a single location.
- c. For PSE's 2008 NLSL review, a location was assumed to be equal to a customer premise (as defined in step a., above.)
- d. The load for a customer with multiple customer locations (or customer premises) served under PSE's Schedule 40 (Large Demand General Service Greater Than 3aMW) were evaluated in the same manner as all other individual customer locations (or customer premises) load.

¹ A review of available historical Puget Sound Energy (PSE) ASC filing records, shows that zero New Large Single Load existed on PSE's system from 1981 through 1996.

² As a result of billing system and database conversion from legacy systems in the mid 1980s and the late 1990s, consistent customer billing data to use in the 2008 review of NLSL is not available for the period following the 1996 ASC reporting period through December 31, 1998

³ The NLSL policy is not being proposed to change with in the current ASC consultation.

- e. Initially, the detailed monthly billing data at the customer location (or customer premise) level was analyzed in order to find any locations that, at the monthly level, had 10 average megawatts (aMW) of usage. That is, to meet the requirement of 12-month period usage of 10 aMW requirement, a location must have at least one month usage over 10 aMW.
 - i. The formula used to determine the monthly aMW is as follows:
$$\frac{\text{((monthly usage of a customer location at one rate schedule) / (number of billing days in the month for the customer location by rate schedule)) / 24 hours / 1,000}}{1,000} = \text{Monthly aMW}$$
 - ii. If this monthly quantity is greater or equal to 10 aMW (monthly), the location/schedule was output to a preliminary list.
- f. For each customer location on the preliminary list, another data extraction was run to get all 1999-2007 monthly usages for the location and all usage under different usage schedules.
- g. For each customer location on the preliminary list, the rolling twelve month average load was determined. The customer location specific detailed monthly billing records were then aggregated across the reporting period (January 1, 1999 through December 2007) and across rate schedule for any premise location for which portions of the load are billed separately under different tariff Schedules
- h. Using this rolling twelve month average load by customer location, each customer location was tested to see if there was any time during the reporting period (January 1, 1999 through December 31, 2007) in which the 12 month rolling average load increased by 10 aMW or more as compared to its consumption during the immediately preceding 12-month period.
- i. None of the PSE retail sales customer locations passed this test.

Therefore, for purposes of the Consultation Proceeding to Revise the ASC Methodology PSE reports zero NLSL in its 2006 ASC.