

Puget Sound Power & Light Company COS Model - Release 2.3

Version 2.3 of Puget Power's Cost-of-Service Model has two major changes from release 2.2. The first change is to increase the size of exogenous and endogenous classification matrices. In conjunction with this change the second alternative classification matrix has been removed. The two remaining matrices are labelled as the base and alternative classification matrices. The second change was a fix to the formula in the total allocation column in accounts allocated with the endogenous PCLAS allocation method. ***It is strongly recommended that all users switch to version 2.3.***

The error in the "total allocation" column was associated with accounts allocated with the endogenous PCLAS allocation method. It was due to calculating the total as a percent of totals of other accounts rather than the sum of percents allocated to each class. The example shown below illustrates the problem. Note, this error did not affect either the total cost of service allocation, or any of the allocations of costs to any of the classes. The error only affected the classification of total costs to demand, energy, and customer when the results were examined at the total company cost-of-service level.

Example of PCLAS Allocation Problem In Version 2.2

Account Description	Total Allocation	Account Classification	Residential	Secondary	Primary	High Voltage	
Account for PCLAS Allocation	200		40.00	60.00	50.00	50.00	
PCLAS Allocator Account ID0000	100	Energy	25.00	25.00	25.00	25.00	
PCLAS Allocator Account ID0000	100	Demand	40.00	20.00	20.00	20.00	
	(Version 2.2 Method)	(Version 2.3 Method)					
	Pcnt of Sum	Sum of Class Pcnts					
Resulting Allocation	100	104.27	Energy	15.38	33.33	27.78	27.78
<u>Resulting Allocation</u>	<u>100</u>	<u>95.73</u>	<u>Demand</u>	<u>24.62</u>	<u>26.67</u>	<u>22.22</u>	<u>22.22</u>
Subtotal	200	200.00	40.00	60.00	50.00	50.00	