

POD Cost Function and Investment Level Update Working Group
POD Charge as Approved in 2007 GTA Refiling (IR Schedule Comm.AESO-001 (h)-B-5.6 Dated March 26, 2008)

Line No.	Description	Reference	A	B	C	D	E	F	
			Customer	Demand					Total
1	Power Function	2007-106 p50	Costs = \$2,213,108.54 × MW ^{0.37}						
2	Data Points (MW)	2007-106 p37	0.1 MW	7.5 MW	17 MW	40 MW	122.8 MW		
3	Calculated Values (\$ 000 000)	Lines 1 and 2	\$ 0.944	\$ 4.664	\$ 6.313	\$ 8.665	\$ 13.122		
4	POD Cost Classification		Customer	Demand					Total
5	Intercept and Slopes (\$ 000 000)	Lines 2 and 3	Fixed	≤ (7.5×SF) MW	> (7.5×SF) MW	≤ (17×SF) MW	> (17×SF) MW	≤ (40×SF) MW	> (40×SF) MW
6	Billing Determinants (cust-months, MW-months)	Table 4-10	\$ 0.894	\$ 0.503	\$ 0.174	\$ 0.102	\$ 0.054		
7	Total Cost Function Costs (\$ 000 000)	Line 5 × Line 6	4,854.4	32,704.5	26,849.0	30,056.2	29,319.7		
8	Cost Classification (%)	Line 7 ÷ Col F	\$ 4,339.8	\$ 16,450.4	\$ 4,671.7	\$ 3,065.7	\$ 1,583.3	\$ 30,110.9	
9	Costs Functionalized as Point of Delivery		14.4%	54.6%	15.5%	10.2%	5.3%	100.0%	
10	Wires Costs	Table 4-6	\$ 27.0	\$ 102.5	\$ 29.1	\$ 19.1	\$ 9.9	\$ 187.7	
11	Non-Wires Costs	Table 4-6	1.3	5.1	1.4	1.0	0.5	9.3	
12	Total POD-Functionalized Costs	Line 10 + Line 11	\$ 28.4	\$ 107.6	\$ 30.6	\$ 20.1	\$ 10.4	\$ 197.0	
13	POD Charge	Line 12 ÷ Line 6	\$ 5,849.00	\$ 3,291.00	\$ 1,138.00	\$ 667.00	\$ 353.00		
14	Unit	—	/month	/MW	/MW	/MW	/MW		

- Note:
1. The "Customer" billing determinant at Line 6 Col A is the sum over all DTS customers of the Substation Fraction for each DTS customer
 2. The "Demand" billing determinants at Line 6 Cols B-E are the sums over all DTS customers of billing capacity within the bounds indicated as (amounts × Substation Fraction) for each DTS customer