

1 Q. **Cost of Service**

2 (Re: Amended GRA) Section 4.3.2 (page 4.15) addresses classification of purchases
3 of wind generation. Please provide a table showing the impact of this change on
4 cost of service allocations to the Island Interconnected System customer classes
5 including total dollar amounts and average cents/kWh.

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8 A. Please see CA-NLH-289 Attachment 1 for the impact of the change in Cost of Service
9 allocations for wind power purchase costs to the Island Interconnected System
10 customer classes. The ¢ per kWh impacts are not provided as the numbers round to
11 zero.

Customer impact of Cost of Service allocation methodologies for Wind Power Purchase costs

Line No		A	B	C	D	E	F	G	H	I
		Basis of Allocation		Proposed Method (Production Energy)			Original Application (System Load Factor) ¹			Difference
		Production Demand	Production Energy	Production Demand	Production Energy	Total	Production Demand	Production Energy	Total	
		(1 CP kW)	(MWh @ Gen)	\$	\$	\$	\$	\$	\$	
1	Power Purchases - Wind				12,732,178	12,732,178	5,719,294	7,012,884	12,732,178	-
	Allocated Cost:									
2	Newfoundland Power	0.8858	0.8452	-	10,760,791	10,760,791	5,066,075	5,927,044	10,993,118	(232,327)
3	Industrial - Firm	0.0516	0.0887	-	1,128,738	1,128,738	295,284	621,709	916,993	211,745
4	Industrial - Non-Firm	-	-	-	-	-	-	-	-	
5	Rural									
6	1.1 Domestic	0.0167	0.0171	-	217,651	217,651	95,325	119,882	215,207	2,444
7	1.12 Domestic All Electric	0.0220	0.0219	-	278,708	278,708	126,026	153,513	279,538	(830)
8	1.3 Special	0.0001	0.0001	-	684	684	401	377	778	(94)
9	2.1 GS 0-10 kW	-	-	-	-	-	-	-	-	-
10	2.2 GS 10-100 kW	0.0102	0.0118	-	150,113	150,113	58,426	82,682	141,108	9,005
11	2.3 GS 110-1,000 kVa	0.0086	0.0094	-	119,382	119,382	49,257	65,756	115,012	4,370
12	2.4 GS Over 1,000 kVa	0.0044	0.0055	-	70,556	70,556	25,410	38,862	64,273	6,284
13	4.1 Street and Area Lighting	0.0005	0.0004	-	5,554	5,554	3,091	3,059	6,150	(596)
14	Subtotal Rural	0.0626	0.0662	-	842,649	842,649	357,935	464,131	822,066	20,583
15	Total	1.0000	1.0000	-	12,732,178	12,732,178	5,719,294	7,012,884	12,732,178	-

¹ Wind Power Purchase costs allocated using 2015 Test Year Island Interconnected System Load Factor of 55.08%.