

1 Q. Mr. Banfield's Evidence, page 14, lines 17 to 21, referenced the impact of
2 proposed rates for isolated rural street and area lighting service, Government
3 departments. He stated, "...rates will decrease on average by 35.6%
4 resulting in an average monthly decrease of \$44 in 2004...." Please provide
5 all studies, documents, data, calculations and workpapers used in calculating
6 these values.

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9 A. This information is on page 10 in Mr. Banfield's Evidence filed August 12,
10 2003.

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12 Government Street Lights Current Revenue

13 Island Diesel

14	100W HPS	$4 * \$72.43 = \289.72
15	150W / 250W	$1 * \$88.64 = \88.64
16	Total Annual	$12 * \$378 = \$4,536$

17
18 Labrador Diesel

19	100W HPS	$3 * \$72.43 = \217.29
20	150W /250W	$3 * \$88.64 = \265.92
21	Total Annual	$12 * \$483.21 = \$5,799$

22
23 Total Government Area Lighting @ current rates \$10,335

24
25 Total Streetlight costs from COS \$344,816

26 Percentage allocated to government accounts based on MWh

27 $8 \text{ MWh} / 414 \text{ MWh} = \$6663 \text{ allocated costs}$

1	Island Diesel	
2	100W HPS	4 * \$46.51 = \$186.04
3	150W / 250W	1 * \$57.42 = \$57.42
4	Total Annual	12 * \$243 = \$2,916

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6	Labrador Diesel	
7	100W HPS	3 * \$46.51 = \$139.53
8	150W /250W	3 * \$57.42 = \$172.26
9	Total Annual	12 * \$312 = \$3,744

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11 Total Government Area Lighting @ proposed rates \$6,660

12 Annual Difference \$10,335 - \$6,660 = \$3,675 or 35.6%

13 Average Monthly decrease per customer \$ 3,675 / 12 months / 7 customers

14 = \$44