

1 Q. Please provide an update for the 2007 test year to the response to IC-77  
2 NLH from the 2003 General Rate Application.

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5 A. IC-77 NLH from the 2003 General Rate Application reads:

6 “ Provide a table or (*sic*) the Island Interconnected System test year 2004  
7 setting out for each rate class the following projections: billing demands at  
8 customer meter; coincident peak loads at customer meter and at generator  
9 (after provision for losses); 1CP kW at customer meter and at generator  
10 (after provision for losses); sales at customer meter and generation energy  
11 requirements after losses; number of customers for COSS allocation  
12 purposes. Explain all assumptions used to derive these projections. “

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14 Please see attached.

Newfoundland and Labrador Hydro  
2007 Forecast Cost of Service

| Line No | 1  | 2                  | 3                         | 4            | 5             | 6           | 7                           | 8                             | 9                                | 10                                | 11                           |
|---------|--|--------------------|---------------------------|--------------|---------------|-------------|-----------------------------|-------------------------------|----------------------------------|-----------------------------------|------------------------------|
|         | Description  | Newfoundland Power | Industrial Customers Firm | 1.1 Domestic | 1.12 Domestic | 1.3 Special | 2.1 General Service 0-10 kW | 2.2 General Service 10-100 kW | 2.3 General Service 110-1000 kVa | 2.4 General Service Over 1000 kVa | 4.1 Street and Area Lighting |
|         | <b>Billing demand at Customer Meter (kW)</b>           |                    |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 1       | Forecast Monthly Power on Order - ACI Grand Falls      |                    | 20,000                    |              |               |             |                             |                               |                                  |                                   |                              |
| 2       | Forecast Monthly Power on Order - ACI Stephenville     |                    | 3,000                     |              |               |             |                             |                               |                                  |                                   |                              |
| 3       | Forecast Monthly Power on Order - CBPP                 |                    | 54,000                    |              |               |             |                             |                               |                                  |                                   |                              |
| 4       | Forecast Monthly Power on Order - NARL                 |                    | 30,500                    |              |               |             |                             |                               |                                  |                                   |                              |
| 5       | Forecast Monthly Power on Order - AUR Resources        |                    | 10,000                    |              |               |             |                             |                               |                                  |                                   |                              |
| 6       | Subtotal   |                    | 117,500                   |              |               |             |                             |                               |                                  |                                   |                              |
| 7       | January Native Load                                    | 1,203,500          |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 8       | Less: Generation Credit                                | (117,930)          |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 9       | Billing demand at Customer Meter (kW)                  | 1,085,570          |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 10      | x twelve months  | 12                 | 12                        |              |               |             |                             |                               |                                  |                                   |                              |
| 11      | <b>Billing demand at Customer Meter (kW)</b>           | 13,026,840         | 1,410,000                 | Note 1       | Note 1        | Note 1      | Note 1                      | 176,922                       | 138,810                          | 80,283                            | Note 1                       |
|         | <b>Coincident peak loads at customer meter (kW)</b>    |                    |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 12      | January Peak from Operating Load Forecast              | 1,121,500          |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 13      | Forecast Jan Power on Order - ACI Grand Falls          |                    | 20,000                    |              |               |             |                             |                               |                                  |                                   |                              |
| 14      | Forecast Jan Power on Order - ACI Stephenville         |                    | 3,000                     |              |               |             |                             |                               |                                  |                                   |                              |
| 15      | Forecast Jan Power on Order - CBPP                     |                    | 54,000                    |              |               |             |                             |                               |                                  |                                   |                              |
| 16      | Forecast Jan Power on Order - NARL                     |                    | 30,500                    |              |               |             |                             |                               |                                  |                                   |                              |
| 17      | Forecast Monthly Power on Order - AUR Resources        |                    | 10,000                    |              |               |             |                             |                               |                                  |                                   |                              |
| 18      | Subtotal   |                    | 117,500                   |              |               |             |                             |                               |                                  |                                   |                              |
| 19      | x Coincidence Factor                                   | 99.6%              | 89.6%                     |              |               |             |                             |                               |                                  |                                   |                              |
| 20      | <b>Coincident peak loads at customer meter (kW)</b>    | 1,121,500          | 105,280                   | 23,791       | 24,311        | 64          | 2,419                       | 11,425                        | 5,915                            | 1,457                             | 714                          |
|         | <b>Coincident peak loads at generator (kW)</b>         |                    |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 21      | Coincident peak loads at customer meter (kW) Line 20   | 1,121,500          | 105,280                   | 23,791       | 24,311        | 64          | 2,419                       | 11,425                        | 5,915                            | 1,457                             | 714                          |
| 22      | Losses   | 34,206             | 3,212                     | 3,732        | 3,814         | 11          | 379                         | 1,814                         | 1,300                            | 382                               | 112                          |
| 23      | <b>Coincident peak loads at generator (kW)</b>         | 1,155,706          | 108,492                   | 27,523       | 28,125        | 75          | 2,798                       | 13,239                        | 7,215                            | 1,839                             | 826                          |
|         | <b>1 CP kW at customer meter</b>                       |                    |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 24      | Coincident peak loads at customer meter (kW) Line 20   | 1,121,500          | 105,280                   | 23,791       | 24,311        | 64          | 2,419                       | 11,425                        | 5,915                            | 1,457                             | 714                          |
| 25      | Newfoundland Power generation at time of peak (Note 2) | 84,500             |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 26      | Newfoundland Power generation credit                   | (117,930)          |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 27      | <b>1 CP kW at customer meter</b>                       | 1,088,070          | 105,280                   | 23,791       | 24,311        | 64          | 2,419                       | 11,425                        | 5,915                            | 1,457                             | 714                          |
|         | <b>1 CP kW at generator</b>                            |                    |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 28      | Coincident peak loads at customer meter (kW) Line 27   | 1,088,070          | 105,280                   | 23,791       | 24,311        | 64          | 2,419                       | 11,425                        | 5,915                            | 1,457                             | 714                          |
| 29      | Losses   | 28,577             | 3,212                     | 3,732        | 3,814         | 11          | 379                         | 1,814                         | 1,300                            | 382                               | 112                          |
| 30      | <b>1 CP kW at generator</b>                            | 1,116,647          | 108,492                   | 27,523       | 28,125        | 75          | 2,798                       | 13,239                        | 7,215                            | 1,839                             | 826                          |
|         | <b>Sales at Customer Meter</b>                         |                    |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 31      | Load Forecast (MWh)                                    | 4,964,000          | 894,300                   | 108,756      | 107,244       | 177         | 14,762                      | 56,421                        | 41,736                           | 27,212                            | 3,000                        |
|         | <b>Sales at generator</b>                              |                    |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 32      | Load Forecast (MWh)                                    | 4,964,000          | 894,300                   | 108,756      | 107,244       | 177         | 14,762                      | 56,421                        | 41,736                           | 27,212                            | 3,000                        |
| 33      | Losses   | 160,618            | 28,936                    | 13,821       | 13,629        | 22          | 1,876                       | 7,164                         | 5,168                            | 3,315                             | 432                          |
| 34      | <b>Sales at generator</b>                              | 5,124,618          | 923,236                   | 122,577      | 120,873       | 199         | 16,638                      | 63,585                        | 46,904                           | 30,527                            | 3,432                        |
|         | <b>Customers</b>                                       |                    |                           |              |               |             |                             |                               |                                  |                                   |                              |
| 35      | ACI Grand Falls  |                    | 1                         |              |               |             |                             |                               |                                  |                                   |                              |
| 36      | ACI Stephenville                                       |                    | 1                         |              |               |             |                             |                               |                                  |                                   |                              |
| 37      | CBPP   |                    | 1                         |              |               |             |                             |                               |                                  |                                   |                              |
| 38      | NARL   |                    | 1                         |              |               |             |                             |                               |                                  |                                   |                              |
| 39      | Aur Resources  |                    | 1                         |              |               |             |                             |                               |                                  |                                   |                              |
| 40      | <b>Customers</b>                                       | 1                  | 5                         | 12,418       | 6,769         | 1           | 1,936                       | 883                           | 79                               | 6                                 | 834                          |

Note 1: No billing demand in the Cost of Service as rate class is billed on energy only.  
Note 2: Forecast Generation should be 82,000; will be corrected in final Cost of Service submission.