

- 1 **Q. With regard to distributed energy resources, please provide the following:**
- 2
- 3 **a. A list of all distributed energy resources installed on NP's system including**
- 4 **the date installed, the size of the resource, the type of resource, the fuel used**
- 5 **by the resource and the amount of energy sold by the resource to NP.**
- 6
- 7 **b. Does NP have any plans for increasing the amount of distributed resources**
- 8 **installed on its system?**
- 9
- 10 **c. Are there deterrents to the installation of distributed resources?**
- 11
- 12 **d. Has NP received customer complaints relating to connecting their distributed**
- 13 **resources?**
- 14
- 15 **e. Please comment on the effect that distributed resources have had on system**
- 16 **reliability, both positive and negative.**
- 17
- 18 **A.** For the purpose of this information request, Newfoundland Power defines “distributed
- 19 energy resources” as non-utility generation with a capacity of 1 MW or less, that is
- 20 interconnected to the Company’s distribution or transmission system. This excludes
- 21 customer-owned generation used by customers as a backup to utility supply or to
- 22 participate in the Company’s Curtailable Service Option.
- 23
- 24 **a.** The Company has three customers that have installed generation meeting the
- 25 definition for distributed energy resources. The information on these resources is
- 26 as follows:
- 27
- 28
- | Date Installed | Size | Resource | Production¹ |
|-----------------------|-------------|-----------------|-------------------------------|
| September 2009 | 3.0 kW | Wind | N/A |
| November 2009 | 2.4 kW | Wind | N/A |
| February 2012 | 2.4 kW | Wind | N/A |
- 29
- 30
- 31 **b.** Newfoundland Power is currently working with Newfoundland and Labrador
- 32 Hydro on the development of a net metering policy which may contribute to an
- 33 increase in the amount of distributed energy resources installed on the Island
- 34 Interconnected system.
- 35
- 36 **c.** Yes, there are deterrents to the installation of distributed resources. Deterrents
- 37 would include such items as the high cost of the distributed resource technology

¹ The production from these generation sources is not directly metered by the Company. The production is used to offset the customers’ consumption. There have been no net exports to the grid from these customers since their generation has been installed.

1 relative to the grid supplied energy and municipal regulations that limit the
2 locations where generation such as wind turbines can be located.²

- 3
4 d. The Company has not tracked and is not aware of specific complaints relating to
5 customers connecting their distributed energy resources to the electrical system.
6
7 e. Given the level of distributed energy resources currently installed on
8 Newfoundland Power's electrical system, there has been no noticeable impact on
9 system reliability.

² Jurisdictions such as Ontario offer feed in tariffs that offer to purchase energy at rates above average grid costs to overcome the cost barriers so the installation of distributed resources are economic for the customer.