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Berwick Electric Commission



INCORPORATED
MAY 1923

BERWICK, NOVA SCOTIA

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November 3, 2010

Nancy McNeil, Regulatory Affairs Officer & Clerk
Nova Scotia Utility and Review Board
P.O. Box 1692, Unit "M", Halifax, NS
B3J 3S3

RECEIVED
NOV - 4 2010

Nova Scotia
Utility and Review Board

Re: The Public Utilities Act, Section 69

Dear Ms McNeil;

The Berwick Electric Commission desires to offer rates to its Commercial customers that will incent peak demand reduction and share the benefits from reducing the utility's demand costs in an equitable manner with participating customers.

Therefore the Commission respectfully requests the Board grant interim approval under Section 69 of the Public Utilities Act to the attached proposed rates. They are:

General Demand Time of Use Rate

General Demand Peak Co-incidence Rate

Yours truly

Donald Regan, Superintendent
Berwick Electric Commission

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NOV - 4 2010
Nova Scotia
Utility and Review Board

PROVINCE OF NOVA SCOTIA
NOVA SCOTIA UTILITY AND REVIEW BOARD
IN THE MATTER OF THE PUBLIC UTILITIES ACT

And

IN THE MATTER OF THE APPLICATION OF THE TOWN OF BERWICK ELECTRIC
COMMISSION FOR AN AMENDMENT TO ITS SCHEDULE OF RATES FOR
ELECTRIC SUPPLY

The Petition of Donald Regan, Superintendent of the Town of Berwick Electric Commission on behalf of the Commission, the Applicant, for an order authorizing and approving a new schedule of rates for electric supply and services in the utility's service area, respectfully sheweth the following particulars in support of this application, namely:

1. That the applicant is a public utility within the meaning of the **Public Utilities Act**, Chapter 380, Revised Statutes of Nova Scotia, 1989
2. That the rates presently in force have been effective since January 1, 2009, as ordered by the Board on December 17th, 2008.
3. That in the opinion of the petitioner, the rates herein applied for are designed to encourage customers to shift and interrupt heating loads such that system peak demands will be reduced.
4. And further that the cost savings so realized will be shared between the utility and participating customers in an equitable way.
5. That annexed hereto and marked Exhibit "A" is a copy of the Resolution of the Commission authorizing the application.

Dated at Berwick, Nova Scotia, this 3rd day of November, 2010

Donald Regan,



Superintendent
BERWICK ELECTRIC COMMISSION

EXHIBIT "A"

IT WAS MOVED and seconded

THAT

The Berwick Electric Commission approves the GENERAL DEMAND TIME OF USE RATE and the GENERAL DEMAND PEAK CO-INCIDENCE RATE and directs staff to prepare and file an Application to the Board under Section 69 of the **PUBLIC UTILITIES ACT** for inclusion of these rates in Schedule A.

MOTION CARRIED

November 2nd, 2010



Michael MacLean
Acting Secretary

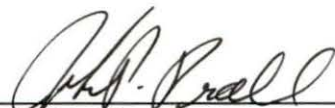
AFFIDAVIT

IN THE MATTER OF an Application of the Town of Berwick on behalf of its electric utility to the Nova Scotia Utility and Review Board for certain revisions of the schedule of rates and charges and/or schedule of rules and regulations of the Berwick Electric Commission.

I, John P. Prall of the Town of Berwick and Province of Nova Scotia, make oath and say as follows:

1. That I am the Mayor of the Town of Berwick and Chairman of the Berwick Electric Commission.
2. That the Berwick Electric Commission did at a duly constituted meeting held at the Town Hall, Berwick, Nova Scotia, on the 2nd Day of November, 2010, by motion approve an application to the Nova Scotia Utility and Review Board for a revised Schedule of Rates for Electric Supply for its electric utility and the submission to the Board of a petition for that purpose under Section 69 of the **Public Utilities Act.**

Sworn to before me at Berwick
in the County of Kings and
Province of Nova Scotia, this 3rd
day of November, 2010.



John P. Prall
Mayor



A Commissioner of the Supreme Court
of Nova Scotia

Ronald G. Keeven
A Commissioner of the
Supreme Court of Nova Scotia.

GENERAL DEMAND TIME OF USE RATE

The rate is available to customers meeting the availability criteria of the General Demand rate class who install heat storage systems and controls to enable time shifting of heating and other loads.

Customers choosing to take this rate are required to remain on this rate for one year following the date of inception. One month's notice is required prior to the anniversary date to revert to the General Demand rate. If such notice is not given, it is understood the customer is committing to another 12 month period on the rate. Date of initial service under this rate must be after March 1st and prior to December 1st.

Customers taking service under this rate will be billed for energy and demand at the same rates as under the General Demand rate. However, demand charges for demand peaks set outside of the winter peak period and exceeding the winter peak demand period will be discounted. The winter peak demand shall be the maximum demand recorded during winter peak hours; that is non-holiday week days between the hours of 7:00 AM and 11:00 PM during the months of December, January and February. The customer's winter peak demand will be as determined using the highest 15 minute interval data recorded by BEC metering times 4. This winter peak demand will be ratcheted for the succeeding eleven months. Outside of winter peak hours, demand in excess of the ratcheted winter peak demand will be billed at the difference between the demand rate paid by the Berwick Electric Commission to Nova Scotia Power Incorporated and the BEC General Demand Rate to account for Berwick's non NSPI billing demand costs, plus 15% to account for power factor, demand losses, and administration.

BEC staff shall be given the opportunity to inspect the storage and control systems to ensure Canadian Electrical Code compliance and to be satisfied the systems will perform as intended. If BEC staff are not confident the systems will perform as intended they may decline to offer the rate.

GENERAL DEMAND PEAK CO-INCIDENCE RATE

The rate is available to customers meeting the availability criteria of the General Demand rate class who install heat storage systems and/or controls to enable load shedding upon receipt of a signal sent by electronic means by BEC'S peak shaving software. Customers choosing to take this rate are required to remain on this rate for one year following the date of inception. One month's notice is required prior to the anniversary date to revert to the General Demand rate. If such notice is not given, it is understood the customer is committing to another 12 month period on the rate. Date of initial service under this rate must be after March 1st and prior to December 1st.

Customers taking service under this rate will be billed for energy and demand at the same rates as under the General Demand rate.

Customers choosing to take this rate will be sent a Demand Control signal when the Berwick Electric Commission system is approaching a peak demand defense point during the winter peak period. The winter peak period is all hours between 7:00 AM to 11:00 PM on non-holiday weekdays during December, January, and February. The customer will then be expected to reduce load, until another signal to restore load is sent by BEC. The number and duration of demand control intervals will be limited as set out below.

Customers will receive a demand control credit equal to the customer's demand reduction measured in kilowatts, co-incident with the BEC's winter peak, times 85% of the demand charge billed to BEC by Nova Scotia Power Incorporated. For clarity the formula is:

$$\text{Demand reduction in kW} \times (\text{NSPI demand charge} \times .85) \times 12$$

The customer's demand reduction shall be as reflected in interval data recorded by BEC metering and the BEC winter peak shall be the highest demand recorded by NSPI metering at the 69 kV interface.

Each November BEC establishes a peak demand defense point, based on the experience of the previous winter and known and predicted changes to the system. Factorydale hydro is dispatched to defend this demand defense point and the point may be adjusted over the winter peak period if the demand defense point is exceeded. BEC shall set the initial demand defense point at a reasonable level using best judgment and forecasting, and shall dispatch all of its own resources prior to issuing demand control signals; the demand defense point shall not be lower than 90% of the ruling peak recorded by NSPI metering at the 69 kV interface.

BEC staff shall be given the opportunity to inspect the storage and control systems to ensure Canadian Electrical Code compliance and to be satisfied the systems will perform as intended. If BEC staff are not confident the systems will perform as intended they may decline to offer the rate.

Demand control intervals shall not exceed 8 hours in duration and 12 hours in any calendar day, and the number of demand control intervals shall not exceed 8 intervals in each of December, January, and February.