

## CHATHAM-KENT HYDRO RESPONSES TO HYDRO ONE INTERROGATORIES

### Hydro One's Question 1:

What are Chatham-Kent's SQI statistics, as defined by the Distribution Electricity Rate Handbook, for Emergency response, SAIDI, CAIDI, SAIFI, and new connections for emergency response for the past 3 years?

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### Chatham-Kent Hydro Inc. Answer to Question 1:

|  | 2000 | 2001 | 2002 |
|--|------|------|------|
| SAIDI                                    | 2.30 | 0.91 | 1.66 |
| SAIFI                                    | 2.09 | 1.84 | 1.56 |
| CAIDI                                    | 1.10 | 0.49 | 1.06 |
| New Connections                          |      |      |      |
|  | 80%  | 82%  | 97%  |
| Emergency Response (% within 60 minutes) |      |      |      |
|  | 82%  | 81%  | 94%  |

## **CHATHAM-KENT HYDRO RESPONSES TO HYDRO ONE INTERROGETORIES**

### **Hydro One's Question 2:**

Please provide the following information:

- a) The number of customers served the your licensed service areas.
  - b) The kilometres of distribution line installed.
  - c) The number of Municipal Stations operated, locations, and available capacity.
  - d) The kilometres of joint-use line in the current service area.
  - e) The percentage of pole ownership of the joint-use line in the current service area.
  - f) The policy for new connections and expansions.
  - g) The current Conditions of Service Document.
  - h) How customer inquiries are handled during (i) working hours, and (ii) after working hours.
  - i) Identify the billing and payment options available to your customers.
  - j) The number of Wholesale and Retail supply points, the feeder designations and supply voltages, and the available capacity to service customers from these supply points.
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### **Chatham-Kent Hydro Inc. Answer to Question 2:**

- a) 32,081 Customers.
- b) 711 kilometres.
- c) (15) 4kV Municipal Stations, 82.7 MVA available capacity.

|               |                 |
|---------------|-----------------|
| 6 – Chatham   | 1 – Tilbury     |
| 2 – Blenheim  | 1 – Thamesville |
| 2 – Dresden   | 1 – Wheatley    |
| 2 – Ridgetown |                 |
- d) 6.97 kilometres joint use with Hydro One.
- e) 50.2% owned by Chatham-Kent Hydro,  
49.8% owned by Hydro One.
- f) See sections 2.1.1 and 2.1.2 of Conditions of Service Policy.
- g) See Conditions of Service posted on [www.ckenergy.com](http://www.ckenergy.com).
- h) During regular hours 8:30-4:30, call (519) 352-6300.  
After hours 24/7 service call (519) 352-6300.
- i) See section 2.4.4 and 2.4.5 of Conditions of Service Policy.

| j) Wholesale Supply Points | Capacity   |
|----------------------------|--|
| F5 M3                      | 25 MVA   |
| F5 M4                      | 25 MVA   |
| F5 M5                      | 25 MVA   |
| F5 M6                      | 25 MVA   |
| F5 M7                      | 25 MVA   |
| F5 M8                      | 25 MVA   |
| F5 M21                     | 25 MVA   |
| F5 M22                     | 25 MVA   |
| Retail Supply Points       | Capacity   |
| 1M1                        | The available capacity<br>of embedded retail<br>supply points is<br>Hydro One's<br>responsibility. |
| 1M2                        |  |
| 1M6                        |  |
| 5M1                        |  |
| 5M17                       |  |
| 5M18                       |  |
| 5M15                       |  |
| 5M16                       |  |
| Til DS F1                  |  |
| Til DS F2                  |  |
| 3 M 3                      |  |
| 30 M1                      |  |
| Erieau DS F2               |  |
| Merlin DS F3               |  |
| Thamesville DS F2 & F3     |  |
| Bothwell DS F1             |  |

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**Hydro One’s Question 3:**

What are your outage statistics for the years 2001 and 2002, broken down by planned and unplanned (forced)?

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**Chatham-Kent Hydro Inc. Answer to Question 3:**

Planned Interruptions

| 2001 | 2002 |
|------|------|
| 91   | 141  |

Unplanned Interruptions

| 2001 | 2002 |
|------|------|
| 399  | 369  |

## **CHATHAM-KENT HYDRO RESPONSES TO HYDRO ONE INTERROGETORIES**

### **Hydro One's Question 4:**

Please provide Chatham-Kent Hydro's Discounted Cash Flow calculation for the proposed industrial park.

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### **Chatham-Kent Hydro Inc. Answer to Question 4:**

As submitted on March 11, 2002 in RFP to the Municipality:

1 MW Load = \$50,000 rebate to developer  
(year 1)

3 MW Load = \$143,000 rebate to developer  
(year 1)

5 MW Load = \$752,000 rebate to developer  
(year 1)

As submitted in undertaking D.3.1:

10 MW Load = \$998,000 rebate  
(year 1) (full rebate)