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Introduction

The ELRP Response Facility is a service provided by Sygration for its clients. One or more Sygration clients participates in the IESO Emergency Demand Response Program (see information below) as an Aggregator. Aggregators receive notifications by the IESO when the energy supply in Ontario is expected to be critically low. The Aggregator will then inform its own customers of the notification, and a short time later will submit an aggregated response to the IESO based on the responses by its customers. The ELRP Response Facility is used by these customers to view the notification information and enter their company's response. In return, they receive a stand-by fee for every MWh they offer and may receive a more significant payment to withdraw consumption should the IESO declare an emergency.

System Access

Access to the ELRP Response Facility is restricted to authorized uses only, granted by your service provider. Your Aggregator (LDC or other Energy Services Provider) will create a user account for their customers wishing to participate in the ELRP program. Call your provider to inquire if they participate in the ELRP program, and if they do, ask them to create an account/password for your company.

ELRP Responses

When the IESO issues an ELRP notification, clients will also receive an e-mail from your Aggregator informing them of the event, and directing them to this facility. Clients will then logon to the Facility and view the ELRP Response page to view the event information and submit their company's response.

Select a Recent ELRP Event

Event Date	Offer Status	User Submission Status	Response Update	View/Edit
05-Sep-2007	OPEN	WAITING FOR RESPONSE		
07-Sep-2007	OPEN	OFFER SUBMITTED - Changes Permitted	willy 06-Sep-2007 19:29:20	

07-Sep-2007 – Event Status: OPEN

Aggregator Message: The IESO has issued potential need for Emergency Load Reductions from HE14 to HE17 inclusive.

Number of Consecutive Activation Hours: 2 Hours 3 Hours 4 Hours

Hours:	HE09	HE10	HE11	HE12	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20
Active:						Y	Y	Y	Y			
Quantity (MWh):						<input type="text" value="8.6"/>	<input type="text" value=".9"/>	<input type="text" value="7.9"/>	<input type="text" value="4.7"/>			

Last Update by willy 06-Sep-2007 19:29:20

The IESO operates on Eastern Standard Time (EST) and uses the "Hour Ending" (HE) nomenclature when specifying hours of the day. For example, HE14 means the hour ending at 14:00 EST, which means the hour from 13:00 - 14:00 EST (or 1PM - 2PM EST). Refer to the [Help Page](#) for a list of potential ELRP HE hours and the time they correspond to.

The ELRP Responses screen lists any ELRP Events within the last 10 days, along with their status and whether or not your company has already entered a response. If you have provided a response, then the name and time of the update is also shown.

Select an ELRP Event:

- **Event Date:** is the date that the event applies (i.e. today's or tomorrow's date. It is not necessarily the current date.
- **Status:** will be OPEN or CLOSED. You may only enter a response to the ELRP event if the status is Open. You may still view information on the event if it is Closed, however you cannot make any changes.
- **Response Status:** indicates if the administrator is waiting for your response.
- **Response Update:** indicates the username and timestamp that your previously entered your response to each Event (if you did enter a response).
- **View/Edit:** icon is used to select an ELRP Event and view it or enter a response on behalf on your company.

Clicking on the View/Edit icon for an Event in the list will bring up a data-entry form for that Event. If the Event is Open, you will be able to enter or make changes to the response information on the screen. If the Event is closed, or closes before you save your changes, you will not be able to make any changes. When issuing an ELRP advisory, the IESO identifies hours in the day which they feel there could be a short-fall of energy. These are the **Active Hours** and participants are expected to submit a quantity of energy (MWh) that they are willing to reduce consumption by if the forecast becomes a true emergency.

Event Data-Entry Form:

- **Number of Consecutive Hours** (choice of 2, 3, or 4 Hours) is the length of time your company agrees to reduce its consumption if called upon by the IESO when they issue an ELRP Emergency (term??).
- **Quantity (MWh)** are energy quantities (MWh) that the client is willing to reduce consumption by if the ELRP event escalates into a full emergency situation. Clients are paid a small stand-by fee regardless if the emergency arises, and are paid a significant (term?) fee when asked to reduce load.


The IESO always operates on Eastern Standard Time (EST) and uses the "Hour Ending" (HE) nomenclature when specifying hours of the day. For example, HE14 means the hour ending at 14:00 EST, which means the time from 13:00 - 14:00 EST (or 1PM - 2PM EST). The table below lists the hours which may be active in an ELRP event and the times in both EST and EDT that they correspond to.

Hour Ending Lookup Table

Hour Ending EST (Winter)	EDT (Summer)	Hour Ending EST (Winter)	EDT (Summer)
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HE9	8:00AM - 9:00AM	9:00AM - 10:00AM	HE15	2:00PM - 3:00PM	3:00PM - 4:00PM
HE10	9:00AM - 10:00AM	10:00AM - 11:00AM	HE16	3:00PM - 4:00PM	4:00PM - 5:00PM
HE11	10:00AM - 11:00AM	11:00AM - 12:00PM	HE17	4:00PM - 5:00PM	5:00PM - 6:00PM
HE12	11:00AM - 12:00PM	12:00PM - 1:00PM	HE18	5:00PM - 6:00PM	6:00PM - 7:00PM
HE13	12:00PM - 1:00PM	1:00PM - 2:00PM	HE19	6:00PM - 7:00PM	7:00PM - 8:00PM
HE14	1:00PM - 2:00PM	2:00PM - 3:00PM	HE20	7:00PM - 8:00PM	8:00PM - 9:00PM

History

The History screen allows you to view past ELRP information. You may select a filter to view only Events in the past 1 month, 3 months, 6 months or a full year. The list of Events is the same as shown in the ELRP Events screen, and by clicking on the  View icon you will be redirected to the ELRP Event screen where it will show you the information previously submitted for that Event.






ELRP Response Facility

Welcome **willy (Atlantic Grocery Inc)** [[LDC Home Page](#) [ELRP Responses](#) [History](#) [Help](#) [Sign Out](#)]



Select the amount of History 1mo 3mo 6mo 1yr

Event History:
 Historical Responses to the ELRP Event are shown below. Click on an Event to see details.

Event Date	Status	Response Status	Updated By	View
19-Aug-2007	CLOSED	No Response		
30-Aug-2007	CLOSED	No Response		
05-Sep-2007	OPEN	No Response		
06-Sep-2007	CLOSED	No Response		
07-Sep-2007	OPEN	Response Complete	willy at 06-Sep-2007 19:29:20	

Customer Obligations

MISSING -- Provide information on the client's obligations that are expected of them as they participate in the ELRP Aggregator program.

IESO ELRP Program Information

"The Emergency Load Reduction Program (ELRP) is a voluntary program that creates incentives for electricity consumers to help address the reliability needs of the province. ELRP became available in June 2006, and is intended to be an ongoing feature of the IESO-administered market. Distributors, aggregators, and large industrial loads can all play an important role in helping to reduce energy use during critical peak periods and help the IESO to avoid the use of control actions such as emergency energy purchases and voltage reductions, while receiving payments from the IESO for participating."

"When the IESO foresees the possibility of an emergency event, the ELRP process is initiated on the day-ahead or day-at-hand. This process begins with a notification to participants, followed by a voluntary submission of offers by participants, and if needed, activation of those offers by the IESO. In exchange for a commitment to reduce a specified number of MW, participants will be paid a standby payment of \$15/MW until activated, at which time participants would be paid up to \$600/MW for actual measured and verified reductions." **[Source: IESO]**

For more information on the IESO ELRP Program, visit the ELRP Page at www.ieso.ca/imoweb/elrp/elrp-index.asp

Terms & Conditions

BY USING THE ELRP RESPONSE FACILITY SERVICE YOU AGREE TO THE FOLLOWING TERMS:

THE SERVICE IS LICENSED TO INDIVIDUAL ORGANIZATIONS FOR USE BY THAT ORGANIZATION'S STAFF AND ARE NOT TO BE ACCESSED BY OTHER ORGANIZATIONS OR INDIVIDUALS THAT ARE OUTSIDE OF THE CONTROL OF THAT LICENSED ORGANIZATION. ALL SOFTWARE IS COPYRIGHT PROTECTED BY SYGRATION. YOU MAY NOT REVERSE ENGINEER, DECOMPILE, DISASSEMBLE, OR CREATE DERIVATIVE WORKS BASED ON THE SOFTWARE OR PART THEREOF.

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