

**LISTE DES «ÉVÉNEMENTS RAPPORTEBLES» ET RAPPORT
QUE LE TRANSPORTEUR PRÉPARE, POUR DÉPÔT AU
NPCC, POUR CHACUNE DES OCCASIONS OÙ UNE
INDISPONIBILITÉ RENCONTRE LES CRITÈRES
D'«ÉVÉNEMENT RAPPORTEBLE», SOIT UNE PERTE DE
CHARGE DE 300 MW ET PLUS OU UNE PERTE DE
PRODUCTION DE 500 MW ET PLUS ¹**

¹ Décision D-2002-175 du 14 août 2002 (R-3482-2002), Annexe 1.

Événements rapportés au NPCC (CO-8) - 2003

Temps			MW perdus		Événement	T récupération		Fréquence extrême	C-11 %charge /0,1 Hz	% Récup.		Cause	Caté- gories
Mois	Jour	Heure	productio	Charge		ACE (T-4)	ACE=0			%APC <1000 (code 1)	%APC >=1000 (code 2)		
Janvier	3	14:10:18	1749	696	Décl. RMCC à Radisson (L3162-63)	s/o	6:38	59.41 Hz	5.72%	-	100%	Incident lors de travaux d'entretien sur les UAC de L3162 et L3163 à LG 2A	2
Mai	3	00:18:15	1350		Rejet lors du retrait de L7044 pour cont. de tension	10:29	13:44	58.90 Hz	1.61%	-	86%	Panne de communication entre le serveur Limsel et RPTC, valeurs par défaut du RPTC appliquées	3
Juin	24	14:03:00	2200	233	Décl. L7092	10:26	10:29	58.65 Hz	1.70%	-	100%	Gaz ionisés suite au court-circuit puis au feu sur XL2 (explosion et incendie phase C) à la Vérendrye. Rejet : fenêtre de temps non fermée dans RPTC suite au retrait de L7093 pour contrôle de tension.	3, 2
Août	10	16:09:27	776		Décl. L3166-67, L3168-69, L3171	03:24	03:29	59.36 Hz	3.92%	100%	-	Orage, coup de foudre.	1
	13	22:55:00	500		Rejet non requis de A4,A5 à LG4	01:05	01:20	59.58 Hz	9.13%	100%	-	Bas courant sur L7018 (ligne virtuelle pour Chamouchouane) pendant un retrait de L7026	3
	26	21:26:48	1500		Décl. L3152-53 Radisson-LG1 et îlotage RMCC (perte prod. 1075 et perte injection 425 îlot Radisson)	s/o	06:08	58.78 Hz	2.64%	-	100%	Orage, coup de foudre.	1
Sept.	4	13:53:00	608		Rejet lors du décl. L7093 à la Vérendrye	s/o	01:18	59.48 Hz	6.68%	100%	-	Problème sur la protection B de L7093 au poste Abitibi	3
Nov.	26	00:03:39	580		îlotage de LG 2A, décl. de A23 à A26	0:55	0:41	59.54 Hz	3.67%	100.00%	-	Incident, pas mis à HORS l'automatisme ARC-LG1 (voulait mettre L3152 hors tension et L3153 en charge)	2

s/o : sans objet car ACE à T-4 est positif

* 1: causes naturelles (météo) 2: incident, intervention humaine 3: bris d'appareillage/défaut logiciel

Note: les causes et conséquences des rapports préliminaires ci-joints sont révisées à l'interne après leur transmission au NPC

DOE Disturbance Reporting – sample Form EIA-417

U.S. Department of Energy Energy Information Administration Form EIA-417 (2002)	EMERGENCY INCIDENT AND DISTURBANCE REPORT	Form Approved OMB No. 1901-0288 Approval Expires 08/31/05
NOTICE: The timely submission of Form EIA-417 by those required to report is mandatory under Section 13(b) of the Federal Energy Administration Act of 1974 (FEAA) (Public Law 93-275), as amended. Failure to respond may result in a penalty of not more than \$2,750 per day for each civil violation, or a fine of not more than \$5,000 per day for each criminal violation. The government may bring a civil action to prohibit reporting violations, which may result in a temporary restraining order or a preliminary or permanent injunction without bond. In such civil action, the court may also issue mandatory injunctions commanding any person to comply with these reporting requirements. A person is not required to respond to collection of information unless the form displays a valid OMB number. Data reported on Form EIA-417 in Schedule 1, lines 4, 5, 6, 7, and 8 are considered to be confidential. Schedule 2 is considered confidential. All other data are not confidential. (See form instructions for a full list of legal citations covering data collection authorization.)		
RESPONSE DUE: Submit a completed Schedule 1 as an initial report within 60 minutes of the incident. A final report (completed copy of the Form EIA-417, Schedule 1 and 2) is due within 48 hours of the event. Electronic submission by facsimile or e-mail is the preferred method of notification.		
SCHEDULE 1. -- EMERGENCY ALERT NOTICE		
LINE NO.		
ORGANIZATION FILLING		
1.	Alert Status (check one)	Preliminary Alert [<input type="checkbox"/>] Update Notice [<input type="checkbox"/>] Final Report [<input checked="" type="checkbox"/>]
2.	Organization Name	HYDRO QUEBEC TRANS ENERGIE
3.	Address of Principal Business Office	2 COMPLEXE DESJARDINS TOUR DE L'EST COMPLEXE DESJARDINS MONTREAL, QUEBEC H5A 1H7
NAME OF OFFICIAL THAT NEEDS TO BE CONTACTED FOR FOLLOW-UP AND ANY ADDITIONAL INFORMATION		
4.	Name	GRATIEN CHAREST
5.	Title	SENIOR MANAGER
6.	Telephone Number	514-289-2211-4362
7.	FAX Number	514-289-4556
8.	E-mail Address	charest.gratien@hydro.qc.ca
INCIDENT AND DISTURBANCE DATA		
9.	Geographic Area(s) Affected	HYDRO-QUEBEC TRANSENERGIE Unknown at this time [<input type="checkbox"/>]
10.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	01-03-2003 14:10
11.	Estimated Date/Time of Restoration (mm-dd-yy/ hh:mm) using 24-hour clock	01-03-2003 14:10 Unknown at this time [<input type="checkbox"/>]
12.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	01-03-2003 14:26
13.	Did the incident/disturbance originate in your system/area? (check one response)	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] Unknown [<input type="checkbox"/>]
14.	Estimate of Amount of Demand Involved (megawatts)	1 749 MW Unknown at this time [<input type="checkbox"/>]
15.	Estimate of Number of Customers Affected	1 (NEPEX 696 MW) Unknown at this time [<input type="checkbox"/>]
16.	Internal Organizational Tracking Number	
17. Type of Emergency Check all that apply (a)		
18. Cause of Incident Check if known or suspected (b)		
19. Actions Taken Check all that apply (c)		
Major Transmission System Interruption [<input type="checkbox"/>]	Weather or Natural Disaster [<input type="checkbox"/>]	Implemented a Warning, Alert, or Contingency Plan [<input type="checkbox"/>]
Major Generation Inadequacy [<input type="checkbox"/>]	Transmission Equipment [<input type="checkbox"/>]	Made Public Appeals [<input type="checkbox"/>]
Major Distribution System Interruption [<input type="checkbox"/>]	Operator Action(s) [<input type="checkbox"/>]	Reduced Voltage [<input type="checkbox"/>]
Other [<input checked="" type="checkbox"/>]	Suspected Malicious/Intentional	Shed Interruptible Load [<input type="checkbox"/>]
	Physical [<input type="checkbox"/>]	Shed Firm Load [<input type="checkbox"/>]
	Cyber/Computer/Telecom [<input type="checkbox"/>]	Repaired/Restored [<input type="checkbox"/>]
	Inadequate Electric Resources to Serve Load [<input type="checkbox"/>]	Other [<input checked="" type="checkbox"/>]
	Fuel Supply Deficiency (e.g., gas, oil, water) [<input type="checkbox"/>]	
	Unknown Cause [<input type="checkbox"/>]	
	Other [<input checked="" type="checkbox"/>]	

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**U.S. Department of Energy
Energy Information
Administration
Form EIA-417 (2002)**

EMERGENCY INCIDENT AND DISTURBANCE REPORT

**Form Approved
OMB No. 1901-0288
Approval Expires
08/31/05**

SCHEDULE 2. -- NARRATIVE DESCRIPTION

Provide a description of the event and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, equipment damaged, critical infrastructures interrupted and effects on other systems. If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; these include the NERC Disturbance Report and the voluntary National Critical Infrastructure Protection System Form. Along with the filing of Schedule 2, an updated Schedule 1 needs to be filed. This is to be done no later than 48 hours after the event.

20. Narrative:

Inadvertent tripping of two 315 KV line (#3162 and #3163) between LG 2A power station and Radisson substation at 14h10.

We lost 1 749 MW of generation, six units at LG2A, multiterminal phase II and 696 MW of delivery to NEPEX and 977 MW of injection at Nicolet substation.

AC and DC multiterminal system configurations and power interchange before event: Configuration Number 25, Radisson substation the multiterminal was isolated. 1 749 MW Radisson (rectifier) – 977 MW Nicolet (inverter) – 696 MW Sandy Pond (inverter) (76 MW of losses). First contingency in HQ area was respected at Nicolet. No impact on customers in the Hydro-Quebec control area.

Frequency variation 60 HZ at 59.41 HZ.

Line 3162 and 3163 return in service at 14h26, six units were available at LG2A, Nicolet terminal and Sandy Pond terminal available.

Two terminals at Radisson available at 16h40.

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3.	Address of Principal Business Office	2 COMPLEXE DESJARDINS TOUR DE L'EST COMPLEXE DESJARDINS MONTREAL, QUEBEC H5A 1H7
NAME OF OFFICIAL THAT NEEDS TO BE CONTACTED FOR FOLLOW-UP AND ANY ADDITIONAL INFORMATION		
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5.	Title	SENIOR MANAGER
6.	Telephone Number	514-289-2211-4362
7.	FAX Number	514-289-4556
8.	E-mail Address	charest.gratien@hydro.qc.ca
INCIDENT AND DISTURBANCE DATA		
9.	Geographic Area(s) Affected	HYDRO-QUEBEC TRANSENERGIE Unknown at this time [<input type="checkbox"/>]
10.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	05-03-03/00:18
11.	Estimated Date/Time of Restoration (mm-dd-yy/ hh:mm) using 24-hour clock	05-03-03/00:33 Unknown at this time [<input type="checkbox"/>]
12.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	05-03-03/00:18
13.	Did the incident/disturbance originate in your system/area? (check one response)	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] Unknown [<input type="checkbox"/>]
14.	Estimate of Amount of Demand Involved (megawatts)	None Unknown at this time [<input type="checkbox"/>]
15.	Estimate of Number of Customers Affected	None Unknown at this time [<input type="checkbox"/>]
16.	Internal Organizational Tracking Number	
17. Type of Emergency Check all that apply (a)		
18. Cause of Incident Check if known or suspected (b)		
19. Actions Taken Check all that apply (c)		
Major Transmission System Interruption [<input type="checkbox"/>]	Weather or Natural Disaster [<input type="checkbox"/>]	Implemented a Warning, Alert, or Contingency Plan [<input type="checkbox"/>]
Major Generation Inadequacy [<input checked="" type="checkbox"/>]	Transmission Equipment [<input type="checkbox"/>]	Made Public Appeals [<input type="checkbox"/>]
Major Distribution System Interruption [<input type="checkbox"/>]	Operator Action(s) [<input type="checkbox"/>]	Reduced Voltage [<input type="checkbox"/>]
Other [<input type="checkbox"/>]	Suspected Malicious/Intentional	Shed Interruptible Load [<input type="checkbox"/>]
	Physical [<input type="checkbox"/>]	Shed Firm Load [<input type="checkbox"/>]
	Cyber/Computer/Telecom [<input type="checkbox"/>]	Repaired/Restored [<input type="checkbox"/>]
	Inadequate Electric Resources to Serve Load [<input type="checkbox"/>]	Other [<input checked="" type="checkbox"/>]
	Fuel Supply Deficiency (e.g., gas, oil, water) [<input type="checkbox"/>]	
	Unknown Cause [<input type="checkbox"/>]	
	Other [<input checked="" type="checkbox"/>]	

DOE Disturbance Reporting – *sample Form EIA-417*

20. Narrative:

At: 05-03-03/00:18

During a normal line outage of the L7044 (735kV) for voltage control, the RPTC SPS tripped 5 generators for 1350 MW at La Grande 2 in the James Bay complex.

The frequency dropped from 60.00Hz to 59.00Hz. No load was involved and restoration started immediately.

At: 05-03-03/00:31

All generators were back online at La Grande 2 and frequency deviation was restored.

Events

A main computer was defective and of line in the RPTC SPS system and default (max) set points were implemented.

During the outage, a signal to set to zero the set point was not implemented due to the outage of the main computer.

When the line was de-energized, the open line detection functioned normally and sent a signal to the La Grande 2 generation complex. Instead of the forced to zero normally implemented the set point was five generators and they were instantly tripped.

There were no serious problems except for the frequency deviation.

Investigation is going on the main computer outage.

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8.	E-mail Address	charest.gratien@hydro.qc.ca
INCIDENT AND DISTURBANCE DATA		
9.	Geographic Area(s) Affected	HYDRO-QUEBEC TRANSENERGIE Unknown at this time [<input type="checkbox"/>]
10.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	06-24-03/14:03
11.	Estimated Date/Time of Restoration (mm-dd-yy/ hh:mm) using 24-hour clock	06-24-03/14:13 Unknown at this time [<input type="checkbox"/>]
12.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	06-24-03/14:03
13.	Did the incident/disturbance originate in your system/area? (check one response)	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] Unknown [<input type="checkbox"/>]
14.	Estimate of Amount of Demand Involved (megawatts)	260 W Unknown at this time [<input type="checkbox"/>]
15.	Estimate of Number of Customers Affected	Unknown at this time [<input type="checkbox"/>]
16.	Internal Organizational Tracking Number	
17. Type of Emergency Check all that apply (a)		18. Cause of Incident Check if known or suspected (b)
Major Transmission System Interruption [<input checked="" type="checkbox"/>]	Weather or Natural Disaster [<input type="checkbox"/>]	19. Actions Taken Check all that apply (c)
Major Generation Inadequacy [<input type="checkbox"/>]	Transmission Equipment [<input checked="" type="checkbox"/>]	Implemented a Warning, Alert, or Contingency Plan [<input type="checkbox"/>]
Major Distribution System Interruption [<input type="checkbox"/>]	Operator Action(s) [<input type="checkbox"/>]	Made Public Appeals [<input type="checkbox"/>]
Other [<input type="checkbox"/>]	Suspected Malicious/Intentional	Reduced Voltage [<input type="checkbox"/>]
	Physical [<input type="checkbox"/>]	Shed Interruptible Load [<input type="checkbox"/>]
	Cyber/Computer/Telecom [<input type="checkbox"/>]	Shed Firm Load [<input type="checkbox"/>]
	Inadequate Electric Resources to Serve Load [<input type="checkbox"/>]	Repaired/Restored [<input type="checkbox"/>]
	Fuel Supply Deficiency (e.g., gas, oil, water) [<input type="checkbox"/>]	Other [<input checked="" type="checkbox"/>]
	Unknown Cause [<input type="checkbox"/>]	
	Other [<input type="checkbox"/>]	

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20. Narrative:

At 06-24-03/14:03:

Tripping and reclosed of the 735 kV line 7092. The RPTC SPS tripped 7 generators for 2200 MW at La Grande 2 in the James Baie complex.

The frequency dropped from 60.00 Hz to 58.66 Hz and the under frequency load shedding SPS tripped 260 MW of load.

At 06-24-03 / 14h13:

All generators were back online at La Grande 2 and frequency deviation was restored.

At 14h39 all the load was restored

Event.

At 13h39 The 735 kV line 7093 at La Verendrye substation tripped and reclosed following a fault on the shunt reactor XL2.

At 14h00 the line 7093 was opened for an inspection of the damages. At this time, the RPTC SPS open a time zone and stay armed.

At 14h03 the smoke and the soot generated by the burning shunt reactor (XL2) caused a short circuit on the adjacent line 7092. This line tripped and the RPTC SPS react following the lost of two parallel lines. (L7092 and L7093). The open line detection functioned normally and sent a signal to LG 2 generation complex. The set point was seven units and they were instantly tripped.

The lines protections and the SPS functioned normally.

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NAME OF OFFICIAL THAT NEEDS TO BE CONTACTED FOR FOLLOW-UP AND ANY ADDITIONAL INFORMATION		
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8.	E-mail Address	charest.gratien@hydro.qc.ca
INCIDENT AND DISTURBANCE DATA		
9.	Geographic Area(s) Affected	HYDRO-QUEBEC TRANSENERGIE Unknown at this time [<input type="checkbox"/>]
10.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	08-10-03/16:09
11.	Estimated Date/Time of Restoration (mm-dd-yy/ hh:mm) using 24-hour clock	08-10-03/16:09 Unknown at this time [<input type="checkbox"/>]
12.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	08-10-03/16:09
13.	Did the incident/disturbance originate in your system/area? (check one response)	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] Unknown [<input type="checkbox"/>]
14.	Estimate of Amount of Demand Involved (megawatts)	776 Mw Unknown at this time [<input type="checkbox"/>]
15.	Estimate of Number of Customers Affected	none Unknown at this time [<input type="checkbox"/>]
16.	Internal Organizational Tracking Number	
17. Type of Emergency Check all that apply (a)		18. Cause of Incident Check if known or suspected (b)
Major Transmission System Interruption [<input type="checkbox"/>]		Weather or Natural Disaster [<input checked="" type="checkbox"/>]
Major Generation Inadequacy [<input type="checkbox"/>]		Transmission Equipment [<input type="checkbox"/>]
Major Distribution System Interruption [<input type="checkbox"/>]		Operator Action(s) [<input type="checkbox"/>]
Other [<input checked="" type="checkbox"/>]		Suspected Malicious/Intentional
Momentary event		Physical [<input type="checkbox"/>]
		Cyber/Computer/Telecom [<input type="checkbox"/>]
		Inadequate Electric Resources to Serve Load [<input type="checkbox"/>]
		Fuel Supply Deficiency (e.g., gas, oil, water) [<input type="checkbox"/>]
		Unknown Cause [<input type="checkbox"/>]
		Other [<input type="checkbox"/>]
		19. Actions Taken Check all that apply (c)
		Implemented a Warning, Alert, or Contingency Plan [<input type="checkbox"/>]
		Made Public Appeals [<input type="checkbox"/>]
		Reduced Voltage [<input type="checkbox"/>]
		Shed Interruptible Load [<input type="checkbox"/>]
		Shed Firm Load [<input type="checkbox"/>]
		Repaired/Restored [<input type="checkbox"/>]
		Other [<input checked="" type="checkbox"/>]
		Generation redispatch and SPS action.

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20. Narrative:

At 08-10-03/16:09

Loss of generation at Brisay, Laforge1 and Laforge2 generation plants, due to tripping of five 315Kv lines

Event.

At 14:09 on Aug 10 2003, lines 3166, 3167, 3168,3169 and 3171 tripped due to thunderstorm conditions.

Loss of 2 units at Brisay generation plant, 2 units at Laforge1 generation plant and 2 units at Laforge2 generation plant.

Total loss generation: 776Mw

Frequency momentary deviated from 60Hz to 59.37Hz . Available generation was dispatched to restore reserve.

S.P.S- MHTO functioned normally

At 14:19 : all lines back to normal condition.

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DOE Disturbance Reporting – sample Form EIA-417

**U.S. Department of Energy
Energy Information
Administration
Form EIA-417 (2002)**

***EMERGENCY INCIDENT AND
DISTURBANCE REPORT***

**Form Approved
OMB No. 1901-0288
Approval Expires
08/31/05**

SCHEDULE 2. -- NARRATIVE DESCRIPTION

Provide a description of the event and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, equipment damaged, critical infrastructures interrupted and effects on other systems. If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; these include the NERC Disturbance Report and the voluntary National Critical Infrastructure Protection System Form. Along with the filing of Schedule 2, an updated Schedule 1 needs to be filed. This is to be done no later than 48 hours after the event.

20. Narrative:

Preliminary report on tripping of 2 units at LG4 generation plant

Wednesday august 13 2003 22:55:04

At LG4 generation plant 2 units tripped. This causes a lost of 550Mw of generation and a transient frequency drop from 60Hz to 59.58.

The operator redispach generation to make up the reserve.

Cause: Under investigation

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20. Narrative:

Tripping of two 315 KV line (L3152 and L3153) between Radisson substation and LG 1 power station at 21h26. We loss 1 075 MW, ten units at LG1.

Frequency variation 60 HZ at 58,80 HZ at 60 HZ.

Line L3152 return in service at 21h35. Ten units were available at LG1. Line L3153 return in service at 21h39.

No impact on customers in the Hydro-Quebec control area.

A strike from a thunder storm is responsible for the tripping.

The protections functioned normally.

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	Inadequate Electric Resources to Serve Load [<input type="checkbox"/>]	Other [<input checked="" type="checkbox"/>]																																	
	Fuel Supply Deficiency (e.g., gas, oil, water) [<input type="checkbox"/>]																																		
	Unknown Cause [<input type="checkbox"/>]																																		
	Other [<input checked="" type="checkbox"/>]																																		

DOE Disturbance Reporting – sample Form EIA-417

**U.S. Department of Energy
Energy Information
Administration
Form EIA-417 (2002)**

EMERGENCY INCIDENT AND DISTURBANCE REPORT

**Form Approved
OMB No. 1901-0288
Approval Expires
08/31/05**

SCHEDULE 2. -- NARRATIVE DESCRIPTION

Provide a description of the event and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, equipment damaged, critical infrastructures interrupted and effects on other systems. If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; these include the NERC Disturbance Report and the voluntary National Critical Infrastructure Protection System Form. Along with the filing of Schedule 2, an updated Schedule 1 needs to be filed. This is to be done no later than 48 hours after the event.

20. Narrative:

At 13h53 single contingency of one 735 KV line (L7093) between Abitibi and La Verendry substation. Tripping at La Verendry only.

The RPTC SPS tripped 2 generators for 608 MW at LG 2.

A transient frequency drop from 60HZ to 59.48 HZ.

Line 7093 return in service at 13h55. Two units were available at LG2.

No impact on customers in the Hydro-Quebec control area.

The protections functioned normally.

Cause: Under investigation

DOE Disturbance Reporting – sample Form EIA-417

U.S. Department of Energy Energy Information Administration Form EIA-417 (2002)	EMERGENCY INCIDENT AND DISTURBANCE REPORT	Form Approved OMB No. 1901-0288 Approval Expires 08/31/05																																	
NOTICE: The timely submission of Form EIA-417 by those required to report is mandatory under Section 13(b) of the Federal Energy Administration Act of 1974 (FEAA) (Public Law 93-275), as amended. Failure to respond may result in a penalty of not more than \$2,750 per day for each civil violation, or a fine of not more than \$5,000 per day for each criminal violation. The government may bring a civil action to prohibit reporting violations, which may result in a temporary restraining order or a preliminary or permanent injunction without bond. In such civil action, the court may also issue mandatory injunctions commanding any person to comply with these reporting requirements. A person is not required to respond to collection of information unless the form displays a valid OMB number. Data reported on Form EIA-417 in Schedule 1, lines 4, 5, 6, 7, and 8 are considered to be confidential. Schedule 2 is considered confidential. All other data are not confidential. (See form instructions for a full list of legal citations covering data collection authorization.)																																			
RESPONSE DUE: Submit a completed Schedule 1 as an initial report within 60 minutes of the incident. A final report (completed copy of the Form EIA-417, Schedule 1 and 2) is due within 48 hours of the event. Electronic submission by facsimile or e-mail is the preferred method of notification.																																			
SCHEDULE 1. -- EMERGENCY ALERT NOTICE																																			
LINE NO.																																			
ORGANIZATION FILLING																																			
1.	Alert Status (check one)	Preliminary Alert [] Update Notice [] Final Report [x]																																	
2.	Organization Name	HYDRO QUEBEC TRANS ENERGIE																																	
3.	Address of Principal Business Office	2 COMPLEXE DESJARDINS TOUR DE L'EST COMPLEXE DESJARDINS MONTREAL, QUEBEC H5A 1H7																																	
NAME OF OFFICIAL THAT NEEDS TO BE CONTACTED FOR FOLLOW-UP AND ANY ADDITIONAL INFORMATION																																			
4.	Name	GRATIEN CHAREST																																	
5.	Title	SENIOR MANAGER																																	
6.	Telephone Number	514-289-2211-4362																																	
7.	FAX Number	514-289-4556																																	
8.	E-mail Address	charest.gratien@hydro.qc.ca																																	
INCIDENT AND DISTURBANCE DATA																																			
9.	Geographic Area(s) Affected	HYDRO-QUEBEC TRANSENERGIE Unknown at this time []																																	
10.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	26-11-2003 00:03																																	
11.	Estimated Date/Time of Restoration (mm-dd-yy/ hh:mm) using 24-hour clock	26-11-2003 00:11 Unknown at this time []																																	
12.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	26-11-2003 00:11																																	
13.	Did the incident/disturbance originate in your system/area? (check one response)	Yes [X] No [] Unknown []																																	
14.	Estimate of Amount of Demand Involved (megawatts)	580 MW Unknown at this time []																																	
15.	Estimate of Number of Customers Affected	None Unknown at this time []																																	
16.	Internal Organizational Tracking Number																																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 5px; vertical-align: top;"> 17. Type of Emergency Check all that apply (a) </td> <td style="width: 33%; padding: 5px; vertical-align: top;"> 18. Cause of Incident Check if known or suspected (b) </td> <td style="width: 33%; padding: 5px; vertical-align: top;"> 19. Actions Taken Check all that apply (c) </td> </tr> <tr> <td style="padding: 5px;">Major Transmission System Interruption []</td> <td style="padding: 5px;">Weather or Natural Disaster []</td> <td style="padding: 5px;">Implemented a Warning, Alert, or Contingency Plan []</td> </tr> <tr> <td style="padding: 5px;">Major Generation Inadequacy []</td> <td style="padding: 5px;">Transmission Equipment [X]</td> <td style="padding: 5px;">Made Public Appeals []</td> </tr> <tr> <td style="padding: 5px;">Major Distribution System Interruption []</td> <td style="padding: 5px;">Operator Action(s) []</td> <td style="padding: 5px;">Reduced Voltage []</td> </tr> <tr> <td style="padding: 5px;">Other [X]</td> <td style="padding: 5px;">Suspected Malicious/Intentional</td> <td style="padding: 5px;">Shed Interruptible Load []</td> </tr> <tr> <td></td> <td style="padding: 5px;"> Physical []</td> <td style="padding: 5px;">Shed Firm Load []</td> </tr> <tr> <td></td> <td style="padding: 5px;"> Cyber/Computer/Telecom []</td> <td style="padding: 5px;">Repaired/Restored []</td> </tr> <tr> <td></td> <td style="padding: 5px;">Inadequate Electric Resources to Serve Load []</td> <td style="padding: 5px;">Other [X]</td> </tr> <tr> <td></td> <td style="padding: 5px;">Fuel Supply Deficiency (e.g., gas, oil, water) []</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Unknown Cause []</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Other []</td> <td></td> </tr> </table>			17. Type of Emergency Check all that apply (a)	18. Cause of Incident Check if known or suspected (b)	19. Actions Taken Check all that apply (c)	Major Transmission System Interruption []	Weather or Natural Disaster []	Implemented a Warning, Alert, or Contingency Plan []	Major Generation Inadequacy []	Transmission Equipment [X]	Made Public Appeals []	Major Distribution System Interruption []	Operator Action(s) []	Reduced Voltage []	Other [X]	Suspected Malicious/Intentional	Shed Interruptible Load []		Physical []	Shed Firm Load []		Cyber/Computer/Telecom []	Repaired/Restored []		Inadequate Electric Resources to Serve Load []	Other [X]		Fuel Supply Deficiency (e.g., gas, oil, water) []			Unknown Cause []			Other []	
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20. Narrative:

Inadvertent tripping two generators at LG2A power station caused the loss 580 MW. (units A23 and A26)

Frequency variation 60 HZ at 59,54 HZ at 60 HZ.

Two generators return in service at 00h11.

No impact on customers in the Hydro-Quebec control area.

The protections functioned normally.

Cause: Under investigation