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APR 03 2013

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

April 2, 2013

Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
2nd Floor, Room N-201
Harrisburg, PA 17120

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APR 02 2013

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Secretary of the Pennsylvania Public Utility Commission:

A-110650

In accordance with the Order of Pennsylvania Public Utility Commission in Emergency Electric Docket No. 3, dated November 12, 1974, and docket number M-2011-2231936, enclosed are 4 copies of the Load Relief Program that the Company would implement in an electric supply emergency during the 2013 summer load period.

The aforementioned procedure is implemented in times of electrical emergencies that originate within the Company or within the New York Control Area. Schedules within this procedure have been designed to minimize the hazard to the health, safety and welfare of the general public.

Continuous updating of this procedure within the Company will reflect any changes in the Company's electric facilities.

Requests to view the Load Relief Program can be made by any person at our New Construction Services offices located in the following company facilities:

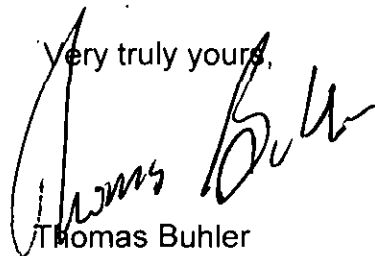
Spring Valley Operations Center
390 West Route 59
Spring Valley, NY 10977-5300

Blooming Grove Office
500 Route 208
Monroe, NY 10950

West Nyack Office
766 West Nyack Road
West Nyack, NY 10994-1736

Middletown Office
71 Dolson Avenue
Middletown, NY 10940

Very truly yours,



Thomas Buhler
Chief System Operator – System Operations
buhler@oru.com
845-577-3284

Attachment



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MAR 27 2013

PA POWER DELIVERY CORPORATION
520 EAST 17TH STREET
PHILADELPHIA, PA 19103

NYISO Load Relief Program 2013

 Orange & Rockland

ORANGE AND ROCKLAND UTILITIES, INC.

NYISO LOAD RELIEF PROGRAM

2013

Public Version

RECEIVED

MAR 27 2013

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

March 2013

O&R 2013 NYISO Load Relief Program

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O&R 2013 NYISO Load Relief Program

INTRODUCTION

Orange and Rockland Utilities' Load Relief Program consists of six steps. These steps are the applicable actions that O&R may be directed to take to assist the NYISO during a capacity emergency during day-ahead and real-time operations.

The NYISO has the authority to implement the load relief measures outlined in this manual in any order it deems necessary to maintain the integrity of the Bulk Electric System.

ALERT STATE

ORDER	NATURE OF STEP	ANTICIPATED LOAD RELIEF (MW)	TIME TO IMPLEMENT
Step I	Reduce non-essential use of electric power in the appropriate Orange and Rockland Utilities facilities	5	1 Hour
Step II	NYISO Demand Response program (EDRP/SCR)	Value maintained by NYISO, not available to O&R due to market sensitivity policies	1-2 Hours
Step III	Request voluntary curtailment by large industrial and commercial customers	21.9	2-4 Hours
Step IV	Request voluntary curtailment by all customers	Unknown	1.5 hours

MAJOR EMERGENCY STATE

ORDER	NATURE OF STEP	ANTICIPATED LOAD RELIEF (MW)	TIME TO IMPLEMENT
Step V	Voltage Reduction	10	10 Minutes
Step VI	Pre-Determined Distribution Load Shed	As Directed by NYISO	10 Minutes

O&R 2013 NYISO Load Relief Program

REQUIRED NOTIFICATIONS

The New York Independent System Operator (NYISO) coordinates the bulk power operations of the market participants and transmission owners. The NYISO Shift Supervisor has the authority and responsibility to initiate all load relief actions to insure the reliability of the inter-connected NYISO system. (Appendix V - NYISO Emergency Operating Procedure.) The NYISO Shift Supervisor will communicate his orders to the Senior System Operator (SSO) at Orange and Rockland using the emergency hotline. The Senior System Operator will be responsible to see that these orders are implemented, and to report back to the NYISO Shift Supervisor in every case the time the orders were implemented and the load relief achieved.

The NYISO has the authority to implement the load relief measures outlined in this manual in any order it deems necessary to maintain the integrity of the Bulk Electric System.

The following internal communications must take place after each step of load relief has been instituted:

1. *The Senior System Operator will advise the Chief System Operator (CSO) of the load relief step being implemented.*
2. The Senior System Operator will issue an electronic notification (Email) of the related step that the NYISO has requested to be implemented. The SSO will follow up with a phone notification to those personnel that may be required to take action as outlined in this plan. A shaded box on the notification chart means that person, or their alternate, must be contacted via telephone to ensure receipt of the message. All non-shaded boxes only have to be called should there be a problem issuing the email notification.
3. Upon completing each step that is assigned within this plan, Facility Services, New Business Services, and Public Affairs must report back to the Senior System Operator the time they completed the assigned step.

O&R 2013 NYISO Load Relief Program

LOAD CURTAILMENT

STEP I - VI

When the New York Independent System Operator is experiencing a capacity deficiency, as outlined in NYISO Emergency Operations Manual 15, the NYISO Shift Supervisor may order transmission owners to:

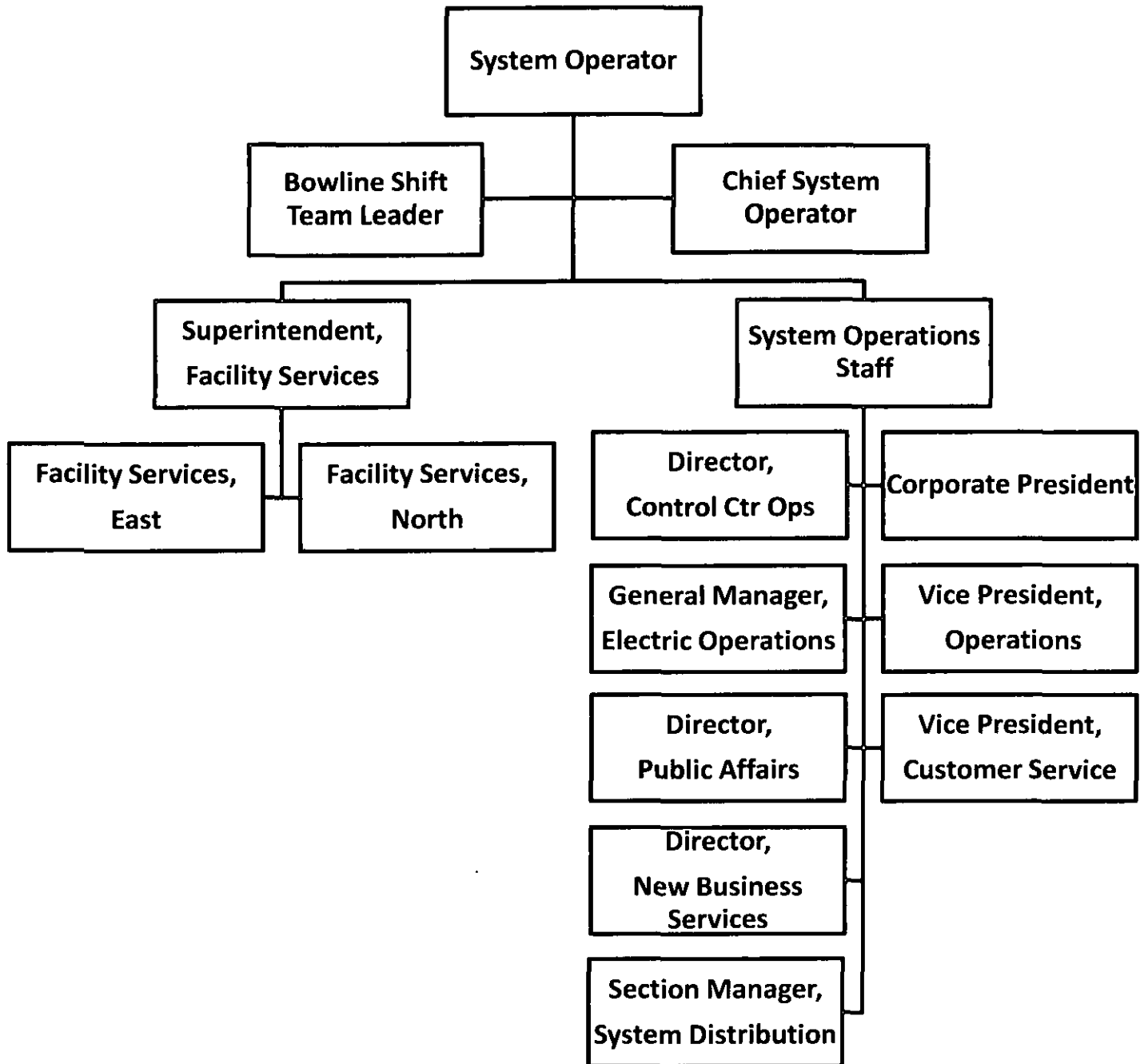
- (a) Reduce non-essential load in O&R Facilities
- (b) Curtail NYISO Demand Response customer load (EDRP / SCR)
- (c) Request large industrial and commercial customers to voluntarily curtail load
- (d) Make general radio and television appeals to the public to restrict unnecessary use
- (e) Notify key public officials and emergency management organizations
- (f) Order quick response voltage reduction
- (g) Order pre-determined distribution load shedding

STEP 1 – Reduction of Non-Essential load within O&R Facilities

The Senior System Operator will direct Facility Services to implement the reduction of non-essential use of electric power in the appropriate Orange and Rockland building facilities. This includes reducing 50% of the lighting load and disconnecting other non-essential uses. The SSO shall also request the Bowline Shift Team Leader to curtail non-essential usage of electricity in the plant. See Appendix V for more information.

STEP I – Reduction of Non-Essential power within O&R Facilities

ECC shall call personnel *with* shaded boxes to verify receipt of the email notification



STEP II – Curtailment of NYISO Demand Response Programs (EDRP / SCR)

From the NYISO Website:

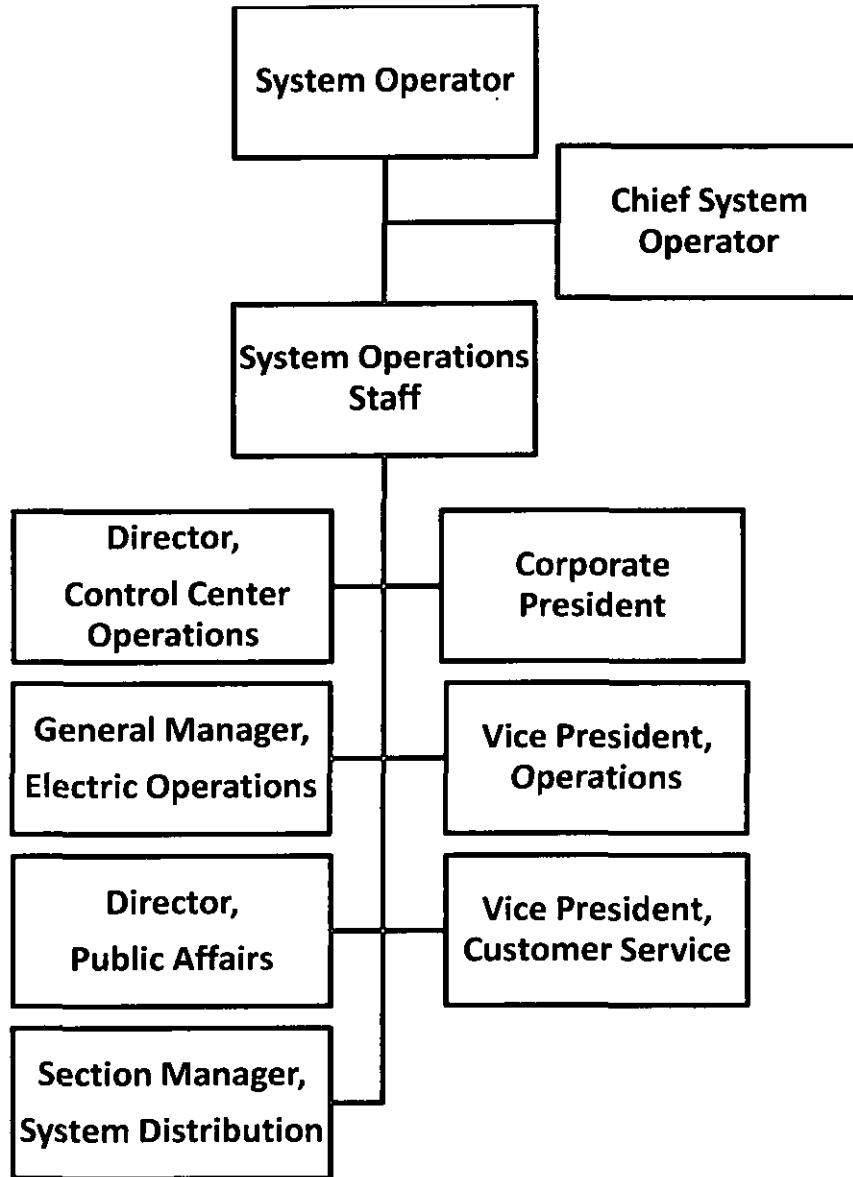
Both the EDRP and SCR programs can be deployed in energy shortage situations to maintain the reliability of the bulk power grid. Both programs are designed to reduce power usage through shutting down of businesses and large power users. Companies, mostly industrial and commercial, sign up to take part in the programs. The companies are paid by the NYISO for reducing energy consumption when asked to do so by the NYISO. Reductions are voluntary for EDRP participants. SCR participants are required to reduce power usage and as part of their agreement are paid in advance for agreeing to cut power usage upon request.

The NYISO communicates with EDRP and SCR participants directly. Orange and Rockland will make internal notifications so appropriate company personnel are aware that energy supplies are getting critical, and further load management steps may be required in the future.

O&R 2013 NYISO Load Relief Program

STEP II – Curtailment of NYISO Demand Response Programs (EDRP / SCR)

ECC shall call personnel with shaded boxes to verify receipt of the email notification



LOAD RELIEF - ALERT STATE

STEP III – Voluntary Curtailment by Large Industrial and Commercial Customers

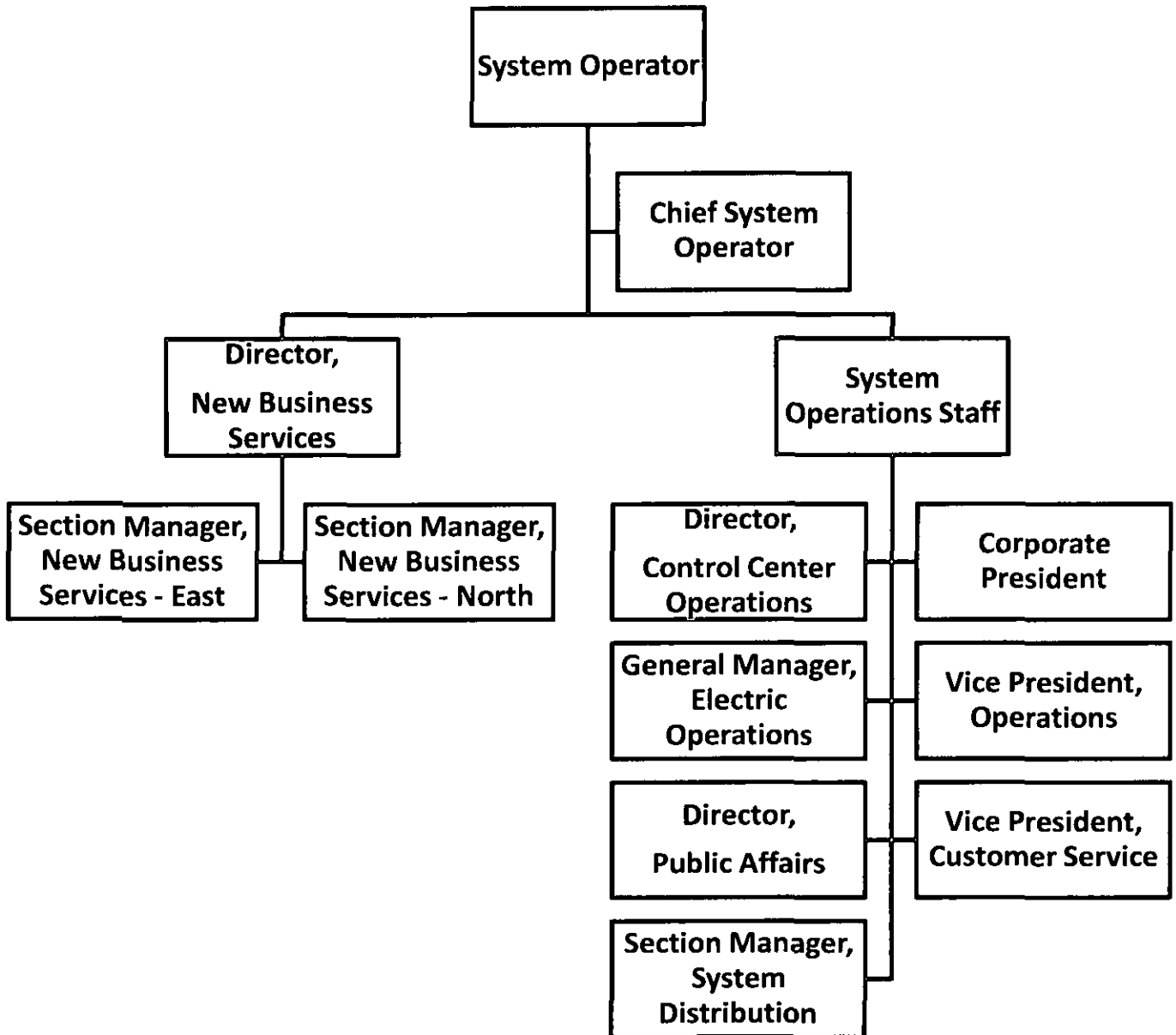
The Senior System Operator will initiate this step by notifying New Business Services who will telephone the large industrial and commercial customers listed in Appendix I requesting a voluntary curtailment of all non-essential load.

In addition, the Senior System Operator will request the Bowline Shift Supervisor to curtail plant use wherever possible.

O&R 2013 NYISO Load Relief Program

STEP III - Voluntary Curtailment by Large Industrial and Commercial Customers

ECC shall call personnel with shaded boxes to verify receipt of the email notification



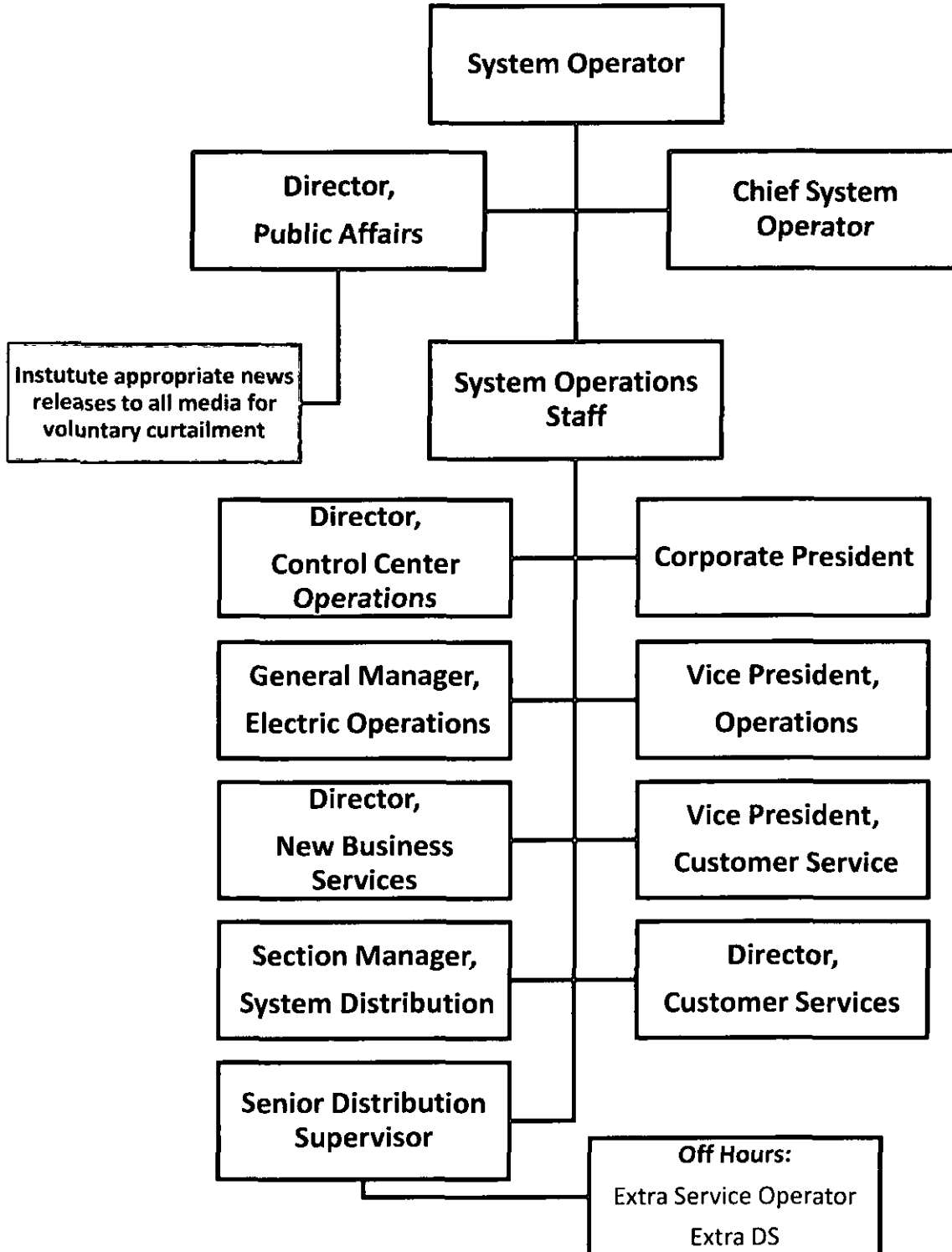
STEP IV – Voluntary Curtailment by all customers

The Senior System Operator will notify the Director of Public Affairs to institute the appropriate news releases to all media, requesting a voluntary curtailment by all Orange and Rockland, RECO and Pike L&P NYISO customers. See Appendix VI for sample news releases.

O&R 2013 NYISO Load Relief Program

STEP IV – Voluntary Curtailment by all customers

ECC shall call personnel with shaded boxes to verify receipt of the email notification



STEP V – Voltage Reduction

When the New York Independent System Operator declares a **Major Emergency State** as defined in NYISO Emergency Operating Procedures, the NYISO Shift Supervisor may order, as a remedial measure, quick response voltage reduction by transmission owners with this capability. This order will be issued to the Orange and Rockland Senior System Operator. The SSO shall reduce the voltage on all 13.2 KV distribution banks with load tap changers to 117 volts via the Energy Management System. This represents a 5% voltage reduction. The SSO will also reduce the voltage on all 34.5/19.9 KV banks with Load Tap Changers (LTC) to 34.5 volts which represents a 3% voltage reduction. The LTC banks are:

NYISO Control Area

List of Banks that will be operated during voltage reduction is confidential and maintained by O&R.

After having completed the voltage reduction, the Senior System Operator will report to the NYISO Shift Supervisor the system load at the time voltage reduction was ordered, the estimated amount of load reduced and the time the voltage reduction was complete.

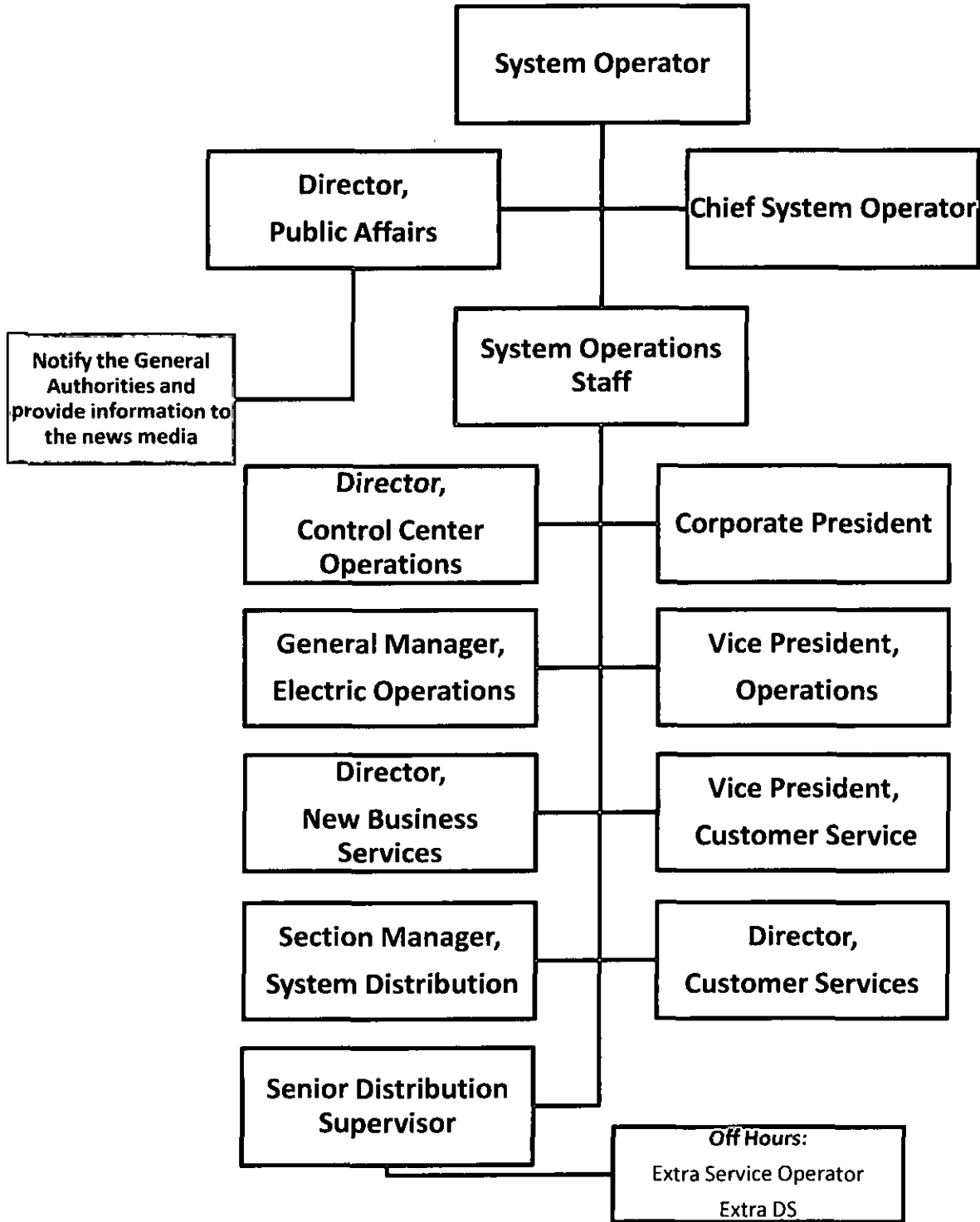
The Senior System Operator shall send a notification stating the NYISO has implemented Voltage Reduction. All personnel shall refer to the NYISO Load Relief Manual Step V for further information and for follow up telephone notification responsibilities.

Upon notification from the Senior System Operator the Director – Public Affairs shall notify key public officials and emergency management organizations and provide information to the news media.

O&R 2013 NYISO Load Relief Program

STEP V – Voltage Reduction

ECC shall call personnel with shaded boxes to verify receipt of the email notification



STEP VI – Predetermined Firm Load Shedding

When the New York Independent System Operator has declared a **Major Emergency State**, the NYISO Shift Supervisor may order the Orange and Rockland Senior System Operator to shed load. The Senior System Operator will immediately *institute this measure via the computerized Load Shed Program by entering the specific number of megawatts ordered by the NYISO.*

The Load Shed Program will quickly shed the Operator entered amount of load from a pre-defined set of breakers (see Appendix IV). After having shed the required amount of load, the Senior System Operator will report to the NYISO the system load at the time it was ordered, the amount of load that was shed and the time the order was complete.

The Senior System Operator shall send a notification stating the NYISO has implemented load shed and the reason for the load shed. All personnel shall refer to the NYISO Load Relief Manual Step VI for further information and for follow up telephone notification responsibilities.

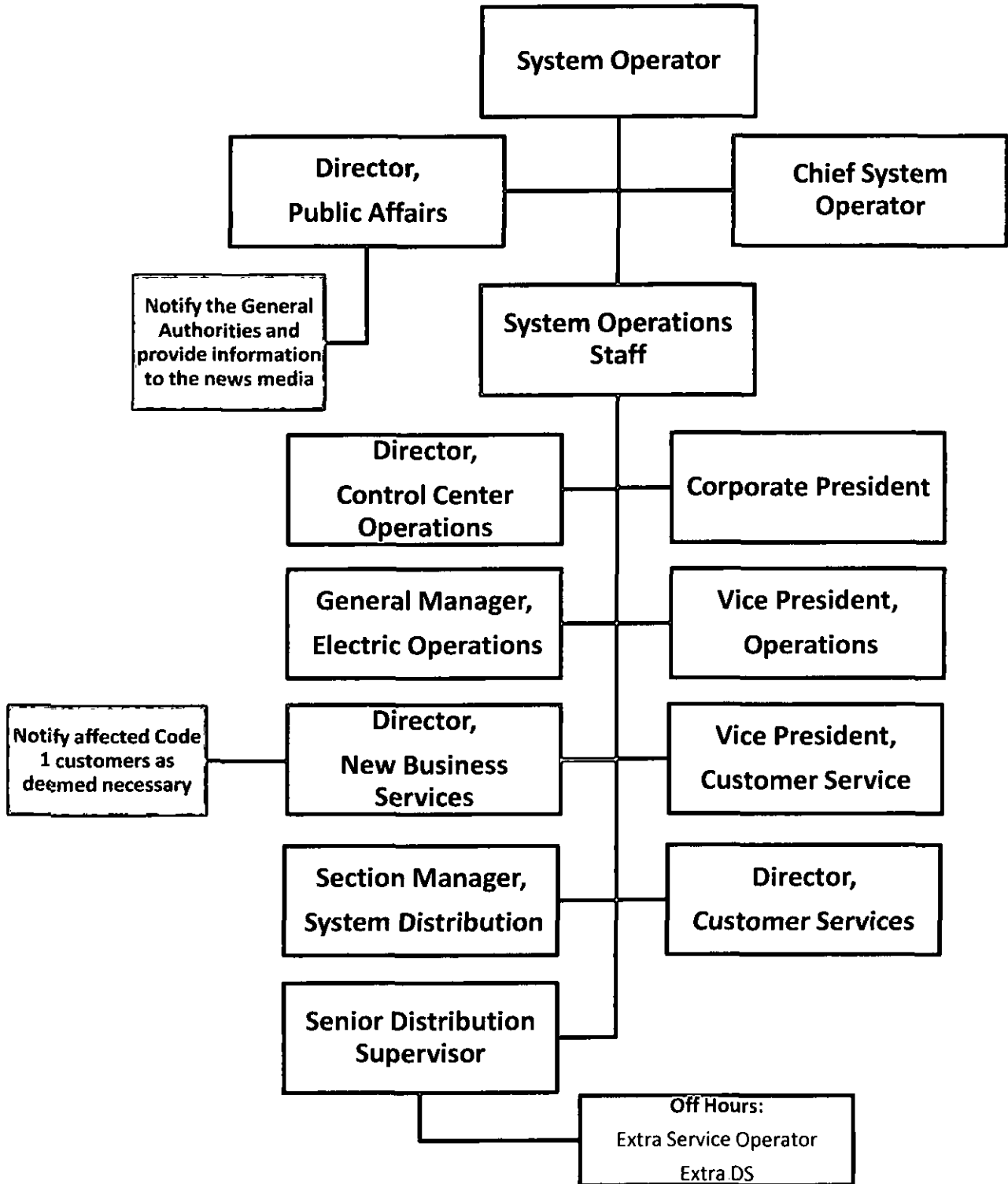
The Director of New Business Services shall notify the Code 1 customers affected as deemed necessary. The Director of Public Affairs shall notify the General Authorities and shall provide information to the news media.

Should the New York Control Area remain in a Major Emergency requiring a continuation of the load shed state beyond three (3) hours, the Senior System Operator will rotate the circuits to be shed. After notifying the Distribution Supervisor, he will initiate this load shed rotation that will begin with the next breaker past the last breaker shed on Appendix IV. The Senior System Operator will restore to service the circuits shed the initially. Having completed this operation, the Senior System Operator will notify the Distribution Supervisor that load shed rotation has been instituted and the time of completion. *He will identify the new circuits which have been shed and which of the first circuits have been restored.*

O&R 2013 NYISO Load Relief Program

STEP VI – Predetermined Firm Load Shedding

ECC shall call personnel with shaded boxes to verify receipt of the email notification



APPENDIX I – Load Relief Call Directory

Listing of contact information is confidential and maintained by O&R

APPENDIX I-A

No Longer used. This page intentionally left blank for future use.

APPENDIX II

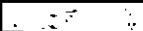
No Longer used. This page intentionally left blank for future use.

APPENDIX III - Listing of Load Shed Breakers

O&R 2013 NYISO Load Relief Program

2013 MANUAL LOAD SHED BREAKERS - NYISO													
Ckt Wgt Prty #	Circuit	Substation	Gen	Ckt Wgt.	Key Customer(s)	Tax District	U/F Level	On	2013 Fcsted Pk(MW)	Cum. Coinc. MW	Ckt. Cust. Count	Cum. Cust. Count	Loop Scheme

List of load shed breakers that will be operated during a load shed event is confidential and maintained by O&R.

-  = Last circuit shed for rotating Load Shed
- Red Text** = Critical Circuits not included in Rotating Load Shed

O&R 2013 NYISO Load Relief Program

TAX DISTRICTS

NEW YORK			NEW JERSEY						
Eastern Division		Central Division		Western Division		Eastern Division		Central Division	
A3	Airmont	52	Blmg. Grove	02	Bloomington	60	Allendale	86	Ringwood
04	Clarkstown	03	Chester Town	05	Crawford	61	Alpine	87	Vernon
A1	Chestnut Ridge	45	Chester Village	06	Deerpark	62	Closter	88	West Milford
09	Grandview	44	Florida	07	Forestburg	63	Cresskill		
11	Haverstraw Town	08	Goshen Town	10	Greenville	64	Demarest	Western Division	
12	Haverstraw Village	46	Goshen Village	15	Lumberland	65	Franklin Lks	69	Montague
14	Hillburn	43	Greenwood Lake	16	Mamakating	66	Harrington Pk		
A2	Kaser	47	Harriman	17	Middletown	67	Mahwah		
84	Montebello	48	Highland Falls	18	Minisink	68	Haworth		
99	New Hempstd	41	Highlands	19	Mount Hope	70	Montvale		
59	New Square	95	Kiryas Joel	22	Otisville	71	Northvale		
20	Nyack	53	Monroe Town	24	Port Jervis	72	Norwood		
21	Orangetown	49	Monroe Village	33	Unionville	73	Oakland		
23	Piermont	32	Tuxedo Town	35	Walkkill	74	Old Tappan		
89	Pomona-Haverstraw	58	Tuxedo Park	37	Wawayanda	76	Ramsey		
96	Pomona Ramapo	36	Warwick Town	39	Wurtsboro	77	Rivervale		
25	Ramapo	42	Warwick Village			78	Rockleigh		
26	Sloatsburg	50	Washingtonville			79	Saddle River		
27	South Nyack	54	Woodbury			80	Up. Sad. Riv.		
28	Spring Valley					81	Wyckoff		
29	Stony Point								
30	Suffern								
34	Upper Nyack								
98	Wesley Hills								
38	West Hav.								
						Pennsylvania			
						90	Dingman	93	Milford Borough
						91	Matamoras	94	Westfall
						92	Milford Town		

APPENDIX IV - NYISO Emergency Operating Procedure Section 7 – Load Relief

Section 7 (Load Relief) of NYISO Manual 15 is the applicable reference document for the information covered in the manual. The entire document can be viewed at the following address:

http://www.nyiso.com/public/webdocs/documents/manuals/operations/em_op_mnl.pdf

O&R 2013 NYISO Load Relief Program

APPENDIX V - Bowline and Facility Services - Procedures for Reduction of Non-Essential Power

BOWLINE CURTAILMENT OF NON-ESSENTIAL USE

In the event of an emergency load curtailment, the System Operator will notify the Shift Team Leader and request that all non-essential plant loads be curtailed.

CURTAILMENT OF O&R NON-ESSENTIAL USE FACILITY SERVICES

When the system operator notifies Facility Services that curtailment of company non-essential use is requested, the following will be implemented:

Summer Schedule

1. All temperature controls set at 78°.
2. All window blinds will be closed.
3. Lighting - approximately 3,000 bulbs will be turned off.

Winter Schedule

1. All temperature controls set at 68°.
2. Window blinds on East and South sides of building to be left open.
3. All lighting to stay on being that the lighting is a secondary heat system at our SVOC.

Nights

1. Janitorial service will start gang cleaning.

APPENDIX VI – Sample News Releases

EMERGENCY RELEASE

Re: Orange and Rockland Power Emergency

DISTRIBUTION - Radio Stations/Newspapers

PURPOSE - To notify public of emergency and to request curtailment of power use

Due to (**GIVE REASON: i.e., extremely hot weather and resulting heavy electric demand...**), Orange and Rockland's service territory is currently experiencing an electric power emergency.

This emergency means that there is currently a low reserve of available electricity, as well as a high level of strain on our electric equipment. (**SPECIFICS CAN BE INCLUDED HERE.**)

If the conditions causing this emergency continue, some areas of our service territory could experience voltage reductions (or "brownouts"), or even service interruptions.

Due to this situation, O&R requests that all customers help alleviate the problem by keeping their electric use to a minimum during this emergency period. We've already asked the large power users in our area to help by reducing their power usage.

Most importantly, though, we ask all of our customers to remember that every little bit helps – reduce your electrical needs wherever possible. Reducing your use of appliances (especially air conditioning) will help us all get through this emergency period with as little inconvenience as possible.

If you do experience a power outage, please report it to us by calling 1-877-434-4100.

We thank our customers for their cooperation and will continue to update them on developments regarding their service throughout the duration of this emergency situation.

O&R 2013 NYISO Load Relief Program

EMERGENCY INTERIM RELEASE

Re: Update of Information on Power Emergency Situation

DISTRIBUTION - Radio Stations/Newspapers

PURPOSE - To provide customers and media with updated information on power emergency

Due to the continuing **(INSERT CAUSE FOR EMERGENCY HERE..i.e., HOT WEATHER...)**, the electric power emergency is continuing in Orange and Rockland's service territory.

This emergency means that there is currently a low reserve of available electricity, as well as a high level of strain on our electric equipment. Because of this situation, our customers may experience lower voltages (or "brownouts") or interruptions in their electric service. **(SPECIFICS CAN BE INCLUDED HERE.)**

We're asking our customers to reduce their energy use wherever possible to help us meet this emergency situation. Limiting their use of household appliances such as air conditioners, washing machines and dryers can help everyone get through this situation with as little inconvenience as possible.

It is estimated that this electrical emergency will continue until: **(INSERT TIME ESTIMATE HERE)**. We expect that full electrical capacity should be restored at that time. If you do experience a power outage, please report it to us by calling 1-877-434-4100.

Orange and Rockland thanks its customers for their cooperation during this emergency and would like to ensure them that the Company is doing everything possible to meet their electric needs during this period.

O&R 2013 NYISO Load Relief Program

EMERGENCY CLEAR RELEASE

Re: Lifting Restricted Use of Power

DISTRIBUTION - Radio Stations/Newspapers

PURPOSE - To inform news media and customers that power restrictions have been lifted

Orange and Rockland's service territory is no longer in an electric emergency situation, and it is no longer necessary for our customers to voluntarily limit their electric use.

If you do experience a power outage, please report it to us by calling 1-877-434-4100.

Orange and Rockland wishes to thank all of our customers for their cooperation.

While this emergency is over, the possibility of a similar situation could possibly re-occur. **(SITE SPECIFICS: Re: The weather services are predicting hot weather to return, etc...)**

Should it be necessary to re-institute a power emergency, a public announcement will be made.

Again, Orange and Rockland thanks its customers for their cooperation and understanding during this period.

00189

00200

FedEx
TRK#
0215 8996 1350 7079

THU - 28 MAR 10:30A
PRIORITY OVERNIGHT

17120
PA-US
MDT

ZN MDTA



Emp# 286498 27MAR13 GWA 519C1/64BE/93AB

FedEx *NEW Package*
Express *US Airbill*

FedEx Tracking Number 8996 1350 7079

1 From This portion can be removed for Recipient's records.

Date 5/28/13 FedEx Tracking Number 899613507079

Sender's Name Thomas Dunier Phone 845 577-328

Company GRANGE & ROCKLAND UTILITIES

Address 390 W ROUTE 59 Dept./Floor/Subs/Room

City SPRING VALLEY State NY ZIP 10977-5320

2 Your Internal Billing Reference 101024120011

3 To Recipient's Name Pennsylvania PUC Phone

Company Commonwealth Keystone bldg

Address 400 North St. Dept./Floor/Subs/Room

Address 2nd Floor Room N-201

City Harrisburg State PA ZIP 17120

0447043330



RECIPIENT: PEEL HERE

fedex.com 1800.GoFedEx 1.800.463.3339

fedex.com 1800.GoFedEx 1.800.463.3339

FedEx Standard Overnight
Next business afternoon.
Saturday Delivery NOT available.

FedEx Express
Third business day.
Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500

FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day AM, or FedEx Express Saver

No Signature Required
Package may be left without obtaining a signature for delivery

Direct Signature
Someone at recipient's address may sign for delivery. Fee applies.

Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

No Yes As per attached Shipper's Declaration Yes Shipper's Declaration not required

Dry Ice Device, 3, UN 1845 _____ kg

Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No.

Sender Acct. No. in Section 1 will be billed Recipient Third Party Credit Card Cash/Check

Total Packages Total Weight _____ Credit Card Acct. _____

*The liability is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

FedEx NEW Package
Express US Airbill

FedEx Tracking Number
8996 1350 7080

FedEx

TRK# 8996 1350 7080
0215

MON - 08 APR AA
EXPRESS SAVER

17120
PA-US
MDT

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.
Date 4/3/13 FedEx Tracking Number 899613507080

Sender's Name Thomas Buhler (Phone) 845-577-3185

Company ORANGE & ROCKLAND UTILITIES

Address 390 W ROUTE 59 APR 0 2013 Dept. Floor/ Suite/ Room

City SPRING VALLEY PA PUBLIC UTILITY COMMISSION 19777-5320

2 Your Internal Billing Reference 1010241200K SECRETARY'S BUREAU

3 To Recipient's Name Amanda Eagle (Phone) 717 783-0700

Company PA Public Utility

Address Keystone Building

Address 400 North St, 2nd FL, Room 11-201

City Harrisburg PA PUBLIC UTILITY COMMISSION SECRETARY'S BUREAU

044704333



8996 1350 7080

4 Expt NOTE:

Next

- FedEx Carriers locations (Monday)
- FedEx Next business day delivery is selected
- FedEx Next business day Saturday

5 Pack

- FedEx Envelope*
- FedEx Pak*
- FedEx Box
- FedEx Tube
- Other

6 Special Handling and Delivery Signature Options

- SATURDAY Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.
- No Signature Required
Package may be left without obtaining a signature for delivery.
- Direct Signature
Someone at recipient's address may sign for delivery. Fee applies.
- Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

- One box must be checked.
- No
 - Yes
As per attached Shipper's Declaration.
 - Yes
Shipper's Declaration not required.
 - Dry Ice
Dry Ice, 9 UN 1845
 - Cargo Aircraft Only
- Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment Bill to:

- Sender
- Recipient
- Third Party
- Credit Card
- Cash/Check

TO: EAGLE, A. PUC (EAGLE, A.
Agency: PUC
Floor:
External Carrier: FedEx Express

1800.SafeFedEx 1800.463.3339

4/5/2013 10:33:06