

### Part 2 – Updates to Existing DRIS Functionality Demand Response Information System (DRIS) Training for September 2011 Deployment

#### Stacia Wilcox New York Independent System Operator

*Tuesday, August 30, 2011 10:00 am – 2:00 pm* 

Wednesday, September 7, 2011 10:00 am – 2:00 pm

**Rensselaer**, NY



## **Training Topics**

- Part 1: Introduction to DRIS
  - DRIS User Requirements
  - User Privileges
  - Access to DRIS
  - Additional Tools
- Part 2: Updates to Existing DRIS Functionality
- Part 3: Background of SCR Baseline Implementation
- Part 4: Resource ACL
  - SCR Load Zone Peak Hours
  - TO Add-back Hours
  - Enrollment with ACL
  - Summer 2011 ACL Verification

- Part 5: Provisional ACL
  - Enrollment with Provisional ACL
  - Provisional ACL Verification
  - Provisional ACL Deficiency
- Part 6: RIP Deficiency
  - Timeline
  - Calculation
- Part 7: Aggregation PF
  - Timeline
  - MP PF and SCR Program PF
- Part 8: Deployment
  - Additional Training Sessions
  - Deployment Activities



### **Updates to Existing Functionality**

- Ability to View "Reason for Pending Request" of a Resource Enrollment Request
  - DRIS Resource Enrollment Request Screen
- Ability to View Resource Enrollment "Approval Date"
  - DRIS Resource Capability Period Screen
- View Transmission Owner Field
  - DRIS Resource Monthly Details Screen
- Identify Resources with an Enrollment Status of Pending or Under Review on the UCAP Export
  - UCAP Export

# Ability to View "Reasons for Pending Request" of a Resource

	MEW YORK INDEPENDENT SYSTEM OPERATO	morrow1	Fro	m the	e DR	IS m	enu,	seled	ct Re	esourc	e and	then					
Main 🕶 MP 👻	Resource - SCR - Perfor	mance Fa	Enroll	ment	Req	uest	S										
SCR	Capability Period Enrollm	ents				I											
Capability Perio	Monthly Enrollments			INT	Demano	Respons	se Informa	ation Syste	em								
Auction Month	Monthly Details	Main - MP -	Building The Energy Markets Of TomorrowToday Resource = SCR + Performance Factors + DR Event + Mitigation + Tables +														
- Enrollmen	Enrollment Requests	MP Name:	Market Partici	pant 👻	Resource ID:	~	Capability Perior	d: Winter 2011-20	12 V Program	n: 🔽							
Enter	search	Encollment Res	works Summany				Month		▼ Statu	5:	Display -						
criteria	for the	Resource Reso ID Name	e Br	egin Effective Date	Program Status	Duplicate Enrollmen	Monitored Fields Cor	mments	Submittal Su Date By	bmitted Status Update Date	Status Update By						
Pending	a resource	202598 Reso	urce One 11	1/01/2011 00:00:00	SCR Pendin	g N	Y		07/28/2011 NY	ISO 07/28/2011	NYISO						
and from	m the																
Enrollm	ent /																
Reques	sts																
Summa	arv select	I4 4   Page	1 of 1 🕨 🕅	2								Displaying 1					
		Enrollment Req	Descurse Name	TO A securit Num	Regin Effective D	Dreasam	Status	Duplicate Faceller	Maniferral Fields	Descent for Description 1	Tana	Transmission					
the reso	Durce to	202598	Resource One	T49930827	11/01/2011 00:00.	. SCR	Under Review			Reasons for Pending P	J	CEC					
view ad	lditional	202598	Resource One	T49930827	11/01/2011 00:00.	. SCR	Pending			Field Name: Street - De Field Nam Value: '21	tected Moni e: Street - Detected Mor 9 Some Street' New Valu	nitored Field Change. Old ue: '219 Other Street'					
details																	

Total count: 2

# Ability to View "Reasons for Pending Request" of a Resource

View is Reacted for the rea														
Enrollment Requ	uests Details					Total count 2		*						
Resource ID	Resource Name	TO Account Num	Begin Effective D	Program	Status	Duplicate Enrollm	Monitored Fields	Reasons for Pending Request	Zone	Transmission				
202598	Resource One	T49930827	11/01/2011 00:00	. SCR	Under Review				J	CEC				
202598	Resource One	T49930827	11/01/2011 00:00.	. SCR	Pending			Field Name: Street - Detected Mor Field Name: Street - Value: '219 Some Str	ni. Detected Monitor reet' New Value: '	red Field Change. Old 219 Other Street'				



### **Resource Enrollment Approval Date**

Main • Mf	Building The Ener	EW YORK IDEPENDENT STEM OPERATOR rgy Markets Of Tomorro SCR - Performance	<b>v7</b> ⊧Fa	From the	e DRIS menu	ı select Re	esour	ce and then
SCR Capability F Auction Me Enrollin	Capabi Peric Monthly onth Enrollm	ility Period Enrollments y Enrollments y Details nent Requests	b)	Capabili	ty Period Eni	rollments		
Main • MP •	Iding The Energy Mark Resource + SCR +	RK DENT DENT DPERATOR rels Of TomorrowToday • Performance Factors • D	emand Re Resource Cap REvent • Mitigation	sponse Infor bability Period Enro • Tables •	mation System			
MP Name:	Market Part	icipant 💌 R	source ID:	<ul> <li>Capability I</li> </ul>	Period: Winter 2011-2012 🗙	Program:	Y	
MP Name:	Market Part	icipant 💌 R	source ID:	Capability I	Period: Winter 2011-2012 ¥	Program: Zone:	v	Display 🔽
MP Name: Capability Per	Market Part	icipant 💌 R	source ID:	Capability I	Period: Winter 2011-2012	Program: Zone:	<b>v</b>	Display
MP Name: Capability Per Resource ID •	Market Part riod Enrollments Resource Name	icipant 💌 R Capability Period	zource ID:	Capability I Capability I S 1 Pocket Approval Date	Period: Winter 2011-2012	Program: Zone: EDRP Enrollment Date	<b>v</b>	Display 🔽
MP Name: Capability Per Resource ID • 202598	Market Part riod Enrollments Resource Name Resource One	icipant  R Capability Period Winter 2011-2012	zone Sub-loar	Capability I Capability I S d Pocket Approval Date 07/28/2011	Period: Winter 2011-2012	Program: Zone: EDRP Enrollment Date		Display 🔽
MP Name: Capability Per Resource ID A 202598 202599	Market Part riod Enrollments Resource Name Resource One Resource Three	icipant  R Capability Period Winter 2011-2012 Winter 2011-2012	zone Sub-loar	Capability I Capability I S d Pocket Approval Date 07/28/2011 07/28/2011	Period: Winter 2011-2012	Program: Zone: EDRP Enrollment Date		Display

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### **Resource Enrollment Approval Date**

- Approval Date: Date resource was imported and Enrolled or Date Pending Request was approved
- Enrollment Date: First day of the auction month for which the resource enrollment begins
- Sort on the Approval Date field to view resources required to perform in the first and second test in the Capability Period



# Determine Resources Required to Test

- ICAP Manual Section 4.12.4.5 Testing of Special Case Resources
  - All Special Case Resources enrolled with and accepted by the NYISO on or before the date that is four business days prior to the date of the first test in the Capability Period (excluding the date of the test), such enrollment in any auction month within the Capability Period, must perform in the first test for each Capability Period in which the Resource is accepted on any date regardless of whether megawatts from the Special Case Resource had been offered prior to the date of the test.
  - All Special Case Resources enrolled with and accepted by the NYISO, such enrollment in any auction month within the Capability Period, that were not required to perform in the first Capability Period test shall perform in the second test within the Capability Period.



### **Transmission Owner Field**

Building The Energy Markets Of TomorrowToday	Demand Response Information System Resource Monthly Details	
Main   MP  Resource  SCR  Performance  Factors	DR Event ▼ Mitigation ▼ Tables ▼	
MP Name: Market Participant  TO:	Resource ID:       202631       Capability Period:       Winter 2011-2012       Program: <ul> <li>Aggregation:</li> <li>Status:</li> <li>Display</li> </ul>	
Monthly Details		
Resource ID         Resource Name         TO Account Num         Month           202631         Resource One         T7547547657         Nove	Begin Effective Date         End Effective Date         Status         Program         Floor P         Subscribed Load         Subscribed Gen         Performance Fac         UCAP         Aggregation         ICAP         Transmission Loss Factor           11/01/2011 00:00:00         04/30/2012 23:59         Enrol         SCR         Image: Construction of the status of the statu	
Building The Energy Markets Of Tomorrow.	Demand Response Information System        Today         Resource Monthly Details         Factors * DR Event * Mitigation * Tables *	
MP Name: Market Participant TO:	• Resource ID: 202631       • Capability Period: Winter 2011-2012       • Program:       • Aggregation:       •         • Month:       November 2011       • Zone:       • Status:       • Display	ay 🔻
Monthly Details		
Declared Value Provisi ACL Shutdo Net A	.CL CMD Response Type Generator Type Generator Rating TO TO - Voltage Level Strike Price Zone Sub-load Pocket Meter Installation Date Facility St	treet 1 Facility S
100 N 3136.7 0 3136	6.7 3037 C - NYP CEC - Low Tension 500 J 3222 Stat	te St

- From the DRIS menu, select Resource and then Monthly Details
- The new field for Transmission Owner is the 26<sup>th</sup> field from the left and requires scrolling across the screen



### **Resources which are Pending Enrollment or have an Under Review Enrollment on the UCAP Export**

- If a resource is Pending an Enrollment Request or has been placed Under Review by the NYISO, they will appear listed separately from their Aggregation on the UCAP Export
- The Aggregations to which the resource belongs will not have a total Aggregation UCAP MW listed until the Pending or Under Review resource is resolved (Approved/Denied or Enrolled/Separated)
- A Warning will appear at the top of the UCAP Export
  - Warning: One or more Aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export



## **UCAP Export**

- Export UCAP Worksheet
- From the DRIS menu select Imports/Exports

Building TP Energy Markets Of TomorrowToday	Response Information System
Main • MP • Desource • SCR • Performance Factors • DR Event • Mitig	ation - Tables -
Dashboard Imports/Exports	Demand Response Information System
Main - MP - Resource - SCR - Performance	Factors ▼ DR Event ▼ Mitigation ▼ Tables ▼
Capability Period: Winter 2011-2012	Display
Imports SCR Resource Imports EDRP Resource Resource Auction Sales Event Response	Select a Capability Period,
E Exports SCR Resource Exports EDRP Resource UCAP Worksheet Energy Payments	Imports and Exports along the left side



### **Pending or Under Review Resources on the UCAP Export**

Warning displayed at the top of the UCAP Export

1	A	В	С	D	E	F	G	H	1	J	К	L	M	Ν	0	Р	Q	R	S	Т	U	V	W	Х	Y	ZA	A AB
1	WARNING	: One	or more	e aggrega	tions cont	ain a r	esource(	s) with a Pen	ling	or Und	ler Review	Stat	us. The UCA	PMW	value of	f these A	ggrega	ions ar	e not lis	ted or	this e	xport.					
2				- 69-656				27	-39								192-2940 1					25			-		
3	Sub Date	Dem \	Dem 1	flective	Aggrog RI	P RI	P Name	Resource Na	Zon	Local	i Resource	ld Me	Account	Туре	TLF	Peak 1	Peak 2	Peak 3	Peak 4	Deck	APMD	CMD	CAP	Stril F	P_Fact	UCAP O	ff UCAP
4	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 1	I.	ROS	789789789	1	T123456789	С	0.0481	43.1	43.1	43.1	43.1	13	43	30	14	500	1	14	
5	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 2	I.	ROS	547474775	7	T123456790	С	0.0481	80.3	80.3	80.3	80.3	13	80	67	14	500	1	14	
6	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 3	I.	ROS	777476476	4	T123456791	С	0.0481	81.7	81.7	81.7	81.7	13	82	69	14	500	1	14	
7	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 4	1	ROS	765765858	5	T123456792	С	0.0121	2602.9	2602.9	2603	2602.9	2573	2603	30	2604	500	1	2604	
8	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 5	1	ROS	865858658	6	T123456793	С	0.0121	2602.9	2602.9	2603	2602.9	2573	2603	30	2604	500	0.984	2563	
9	4/15/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 6	1	ROS	686747547	5	T123456794	С	0.0481	463.4	463.4	463.4	463.4	56	463	407	59	500	0.592	34	
10	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 7	1	ROS	565653656	5	T123456795	С	0.0481	524.5	524.5	524.5	524.5	79	525	446	83	500	0.772	64	
11	4/15/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 8	1	ROS	654654656	5	T123456796	С	0.0481	101.4	101.4	101.4	101.4	44	101	57	46	500	0.997	45	
12	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 9	1	ROS	454354535	4	T123456797	С	0.0481	64.3	64.3	64.3	64.3	13	64	51	14	500	1	14	
13	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 10	1	ROS	454545455	4	T123456798	С	0.0481	89.8	89.8	89.8	89.8	13	90	- 77	14	500	0.767	10	
14	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 11	I -	ROS	654756546	6	T123456799	С	0.0481	70.7	70.7	70.7	70.7	13	71	58	14	500	0.673	9	
15	4/13/2011	2011	Summ	5/1/2011	1234	1 Ma	arket Parti	Resource 12	1	ROS	432423442	3	T123456800	С	0.0481	92.9	92.9	92.9	92.9	13	93	80	14	500	0.807	11	
16					1234				1														Aggre	gate '	1234 -	5396	5.3
17																											
18	4/13/2011	2011	Summ	5/1/2011	5678	1 Ma	arket Parti	Resource 13	Н	ROS	767865767	7	T123456801	С	0.0121	4839.8	4839.8	4840	4839.8	3540	4840	1300	3583	500	0.991	3551	
19	4/13/2011	2011	Summ	5/1/2011	5678	1 Ma	arket Parti	Resource 14	Н	ROS	565663635	6	T123456802	С	0.0481	85.5	85.5	85.5	85.5	13	86	73	14	500	0.673	9	
20	4/13/2011	2011	Summ	5/1/2011	5678	1 Ma	arket Parti	Resource 15	Н	ROS	543543545	4	T123456803	С	0.0481	105.3	105.3	105.3	105.3	13	105	92	14	500	0.883	12	
21	4/15/2011	2011	Summ	5/1/2011	5678	1 Ma	arket Parti	Resource 16	Н	ROS	646756654	5	T123456804	С	0.0481	421.6	421.6	421.6	421.6	62	422	360	65	500	1	65	
22					5678				H														Aggre	gate !	5678 - H	l	
23																											
24	4/13/2011	2011	Summ	5/1/2011	1212	1 Ma	arket Parti	Resource 17	E	ROS	997976979	9	T123456805	С	0.0121	4839.8	4839.8	4840	4839.8	3540	4840	1300	3583	500	0.991	3551	
25	4/13/2011	2011	Summ	5/1/2011	1212	1 Ma	arket Parti	Resource 18	E	ROS	575465465	6	T123456806	С	0.0481	85.5	85.5	85.5	85.5	13	86	73	14	500	0.673	9	
26	4/13/2011	2011	Summ	5/1/2011	1212	1 Ma	arket Parti	Resource 19	E	ROS	545435454	3	T123456807	С	0.0481	105.3	105.3	105.3	105.3	13	105	92	14	500	0.883	12	
27	4/15/2011	2011	Summ	5/1/2011	1212	1 Ma	arket Parti	Resource 20	E	ROS	646656469	9	T123456808	С	0.0481	421.6	421.6	421.6	421.6	62	422	360	65	500	1	65	
28					1212				E														Aggre	gate '	1212 - E		
29																											_
30																											5.3



### **Pending or Under Review Resources on the UCAP Export**

- Resources Pending or Under Review listed at the bottom of the UCAP Export
- Aggregation 5678 and Aggregation 1212

1	A	В	С	D	E	F G	Н	1	J	K	L M	N.	0	Р	Q	R	S	T	U	V	W	X	Y	Z	AA AE
25	4/13/2011	2011	Summ	5/1/2011	1212	1 Market Part	Resource 18	E	ROS	5754654656	T123456806	С	0.0481	85.5	85.5	85.5	85.5	13	86	73	14	500	0.673	9	
26	4/13/2011	2011	Summ	5/1/2011	1212	1 Market Part	Resource 19	Е	ROS	5454354543	T123456807	С	0.0481	105.3	105.3	105.3	105.3	13	105	92	14	500	0.883	12	
27	4/15/2011	2011	Summ	5/1/2011	1212	1 Market Part	Resource 20	Е	ROS	6466564699	T123456808	С	0.0481	421.6	421.6	421.6	421.6	62	422	360	65	500	1	65	
28					1212			Ε													Aggre	gate	1212 - F	1	
29																									
30																									5
31	RIP P_Fac	ctor																							
32	Summer 2	2011																							
33	0.9171																								
34																									
35																									
36	Resource	(s) liste	d belo	w have a l	Pending	enrollment requ	iest status.		>																
37	4/13/2011	2011	Summ	5/1/2011	5678	1 Market Part	Resource 21	Η	ROS	6466564692	T123456809	С	0.0481	372	372	372	372	286	372	86	300	500	0.999	299	
38	4/13/2011	2011	Summ	5/1/2011	5678	1 Market Part	Resource 22	Н	ROS	6464575477	T123456810	С	0.0481	2035.6	2035.6	2036	2035.6	103	2036	1933	108	500	0.542	58	
39																									
40																									
41	Resource	(s) liste	d belo	w have an	Under F	Review enrollme	ent status.		5																
4Z	4/13/2011	2011	Summ	5/1/2011	1212	1 Market Part	Resource 23	E	ROS	7474747777	T123456814	С	0.0481	372	372	372	372	286	372	86	300	500	0.999	299	
43	4/19/2011	2011	Summ	5/1/2011	1212	1 Market Part	Resource 24	Е	ROS	5464543666	T123456815	С	0.0481	2035.6	2035.6	2036	2035.6	103	2036	1933	108	500	0.542	58	
44																									
45																									
46	Resource(	(s) liste	d belo	w have a	Separate	ed enrollment sta	atus.																		
47	4/13/2011	2011	Summ	5/1/2011	4632	1 Market Part	Resource 25	J	NYC	5475754757	T123456819	С	0.0481	372	372	372	372	286	372	86	300	500	0.999	299	
48	4/19/2011	2011	Summ	5/1/2011	4632	1 Market Part	Resource 26	J	NYC	7647456547	T123456820	С	0.0481	2035.6	2035.6	2036	2035.6	103	2036	1933	108	500	0.542	58	
49																									
50																									



### Pending or Under Review Resources on the UCAP Export

- Aggregation 5678 and Aggregation 1212 have no UCAP MW total
- The MP UCAP MW total does not include any resources from Agg ID 5678 or Agg ID 1212 until all resources in the two Aggregations are resolved

| A         | В  | С   | D   
   
   
   | E   
  | F   | G   | Н  |   | J  | K   | L   | M  | N   | 0   
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| Sub Date  | Dem \  | Dem :   | Effective   
   
   
   | Aggreg F  
  | RIP   | RIP Name  | Resource Na  | r Zoi   | n Locali   | Resource Id   | Me  | Account  | Туре  | TLF   
   | Peak 1  | Peak 2   | Peak 3   
  | Peak 4   | Decla   | APMD  | CMD   
  | ICAP   | Stril F   | P_Fact  | UCAP   | Off UC  | AP  |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 1   |   | ROS  | 7897897891  |   | T123456789   | С   | 0.0481  
   | 43.1  | 43.1   | 43.1   
  | 43.1   | 13  | 43  | 30  
  | 14   | 500   | 1   | 14   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 2   | 1   | ROS  | 5474747757  |   | T123456790   | С   | 0.0481  
   | 80.3  | 80.3   | 80.3   
  | 80.3   | 13  | 80  | 67  
  | 14   | 500   | 1   | 14   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 3   | 1   | ROS  | 7774764764  |   | T123456791   | С   | 0.0481  
   | 81.7  | 81.7   | 81.7   
  | 81.7   | 13  | 82  | 69  
  | 14   | 500   | 1   | 14   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 4   |   | ROS  | 7657658585  |   | T123456792   | С   | 0.0121  
   | 2602.9  | 2602.9   | 2603   
  | 2602.9   | 2573  | 2603  | 30  
  | 2604   | 500   | 1   | 2604   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 5   |   | ROS  | 8658586586  |   | T123456793   | C   | 0.0121  
   | 2602.9  | 2602.9   | 2603   
  | 2602.9   | 2573  | 2603  | 30  
  | 2604   | 500   | 0.984   | 2563   |   |   |
| 4/15/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 6   |   | ROS  | 686/4/54/5  |   | 1123456794   | C   | 0.0481  
   | 463.4   | 463.4  | 463.4  
  | 463.4  | 56  | 463   | 407   
  | 59   | 500   | 0.592   | 34   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 7   |   | ROS  | 5656536565  |   | T123456795   | C   | 0.0481  
   | 524.5   | 524.5  | 524.5  
  | 524.5  | 79  | 525   | 446   
  | 83   | 500   | 0.772   | 64   |   |   |
| 4/15/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 8   |   | ROS  | 6546546565  |   | 1123456796   | C   | 0.0481  
   | 101.4   | 101.4  | 101.4  
  | 101.4  | 44  | 101   | 57  
  | 46   | 500   | 0.997   | 45   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 9   |   | ROS  | 4543545354  |   | 1123456797   | C   | 0.0481  
   | 64.3  | 64.3   | 64.3   
  | 64.3   | 13  | 64  | 51  
  | 14   | 500   | 1   | 14   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 10  |   | ROS  | 4545454554  |   | 1123456798   | C   | 0.0481  
   | 89.8  | 89.8   | 89.8   
  | 89.8   | 13  | 90  | 11  
  | 14   | 500   | 0.767   | 10   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 11  |   | ROS  | 654/565466  |   | 1123456799   | C   | 0.0481  
   | /0./  | /0./   | /0./   
  | /0./   | 13  | /1  | 58  
  | 14   | 500   | 0.673   | 9  |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1234  
  | 1   | Market Part   | Resource 12  | 4   | ROS  | 4324234423  |   | 1123456800   | C   | 0.0481  
   | 92.9  | 92.9   | 92.9   
  | 92.9   | 13  | 93  | 80  
  | 14   | 500   | 0.807   | 11   |   |   |
|           |  |   |   
   
   
   | 1234  
  |   |   |  | 1   |  |   |   |  |   |   
   |   |  |  
  |  |   |   |   
  | Aggreg   | gate '  | 1234 -  | 5396   |   | 5.3   |
| 4/42/2014 | 2014   | 0   | 5/1/0011  
   
   
   | 6670  
  |   | Market Dart   | Decourse 12  | ц   | DOS  | 7070007077  |   | T400456004   | 0   | 0.0101  
   | 4020.0  | 4020.0   | 4040   
  | 4020.0   | 2540  | 4040  | 1200  
  | 2502   | 500   | 0.004   | 2554   | $\sim$  | $\sim$  |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 5070  
  |   | Market Part   | Resource 13  |   | RUS  | 1010001011  |   | T123450001   | 0   | 0.0121  
   | 4039.0  | 4039.0   | 4040<br>05 5   
  | 4039.0   | 3040  | 4040  | 1300  
  | 3000   | 500   | 0.991   | 3001   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 5679  
  | 1   | Market Part   | Desource 14  | - L   | POS  | 50500505050   |   | T123450002   | C C   | 0.0401  
   | 105.3   | 105.3  | 105.2  
  | 105.3  | 12  | 105   | 02  
  | 14   | 500   | 0.073   | 12   |   |   |
| 4/15/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 5678  
  | - 1   | Market Part   | Pesource 16  | н   | POS  | 6467566545  |   | T123456804   | c   | 0.0401  
   | 103.5   | 103.3  | /21.6  
  | 103.5  | 62  | 103   | 360   
  | 65   | 500   | 0.003   | 65   |   |   |
| 4/13/2011 | 2011   | Summ  | 3/1/2011  
   
   
   | 5678  
  |   | i Market Fait   | intesource to  | н   | NUU  | 0407300343  |   | 1123430004   | 0   | 0.0401  
   | 421.0   | 421.0  | 421.0  
  | 421.0  | 02  | 422   | 500   
  | Anarea   | nate /  | 678 H   | H 03   |   | )   |
|           |  |   |   
   
   
   | 5010  
  |   |   |  |   |  |   |   |  |   |   
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  | -99105   | juic .  | /010 - 1  |  |   | $\boldsymbol{\neg}$   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1212  
  | 1   | Market Part   | Resource 17  | Е   | ROS  | 9979769799  |   | T123456805   | С   | 0.0121  
   | 4839.8  | 4839.8   | 4840   
  | 4839.8   | 3540  | 4840  | 1300  
  | 3583   | 500   | 0.991   | 3551   |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1212  
  | 1   | Market Part   | Resource 18  | Е   | ROS  | 5754654656  |   | T123456806   | С   | 0.0481  
   | 85.5  | 85.5   | 85.5   
  | 85.5   | 13  | 86  | 73  
  | 14   | 500   | 0.673   | 9  |   |   |
| 4/13/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1212  
  | 1   | Market Part   | Resource 19  | Е   | ROS  | 5454354543  |   | T123456807   | С   | 0.0481  
   | 105.3   | 105.3  | 105.3  
  | 105.3  | 13  | 105   | 92  
  | 14   | 500   | 0.883   | 12   | -   | $\overline{}$   |
| 4/15/2011 | 2011   | Summ  | 5/1/2011  
   
   
   | 1212  
  | 1   | Market Part   | Resource 20  | Е   | ROS  | 6466564699  |   | T123456808   | С   | 0.0481  
   | 421.6   | 421.6  | 421.6  
  | 421.6  | 62  | 422   | 360   
  | 65   | 500   | 1   | 657  | (   |   |
|           |  |   |   
   
   
   | 1212  
  |   |   |  | Е   |  |   |   |  |   |   
   |   |  |  
  |  |   |   |   
  | Aggreg   | gate '  | 1212 - E  | E .  |   |   |
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  |  |   |   |   
  |  |   |   |  |   | 5.3   |
|           | A<br>VARNING<br>Sub Date<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011<br>4/13/2011 | A         B           WARNING: One         Image: Constant State StateS | A         B         C           WARNING: One or mor         One or mor           Sub Date         Dem         Dem           4/13/2011         2011         Summ           4/13/2011         2011         Summ <td>A         B         C         D           WARNING: One or more aggreg.         Sub Date Dem \Dem : Effective         Effective           4/13/2011         2011         Sum 5/1/2011           4/13/2011         <t< td=""><td>A         B         C         D         E           WARNING: One or more aggregations co         Sub Date         Dem         Effective         Aggreg           4/13/2011         2011         Summ         5/1/2011         1234           4/13/2011         2011         Summ         5/1/2011</td></t<><td>A         B         C         D         E         F           WARNING: One or more aggregations contain         Sub Date         Dem         Dem         Effective:         Aggreg RIP           4/13/2011         2011         Sum         5/1/2011         1234         1           4/13/2011         2011         Sum         5/1/2011         1234         1</td><td>A         B         C         D         E         F         G           WARNING: One or more aggregations contain a resource           Sub Date         Dem         Dem         Effective         Aggreg RIP         RIP Name           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Part           4/13/2011         2011         Sum         5/1/2011         1234         1         &lt;</td><td>A         B         C         D         E         F         G         H           WARNING: One or more aggregations contain a resource(s) with a Pen           Sub Date         Dem         Effective         Aggreg RIP         RIP Name         Resource Na           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 2           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 2           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 3           4/13/2011         2011       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   2011         Sum         5/1/2011         1234         1         Market Parti Resource 3         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 4         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 5         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 6         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 10         1           4/13/2011         201</td> <td>A         B         C         D         E         F         G         H         I         J           WARNING: One or more aggregations contain a resource(s) with a Pending or Und           Sub Date         Dem         Effective         ////////////////////////////////////</td> <td>A         B         C         D         E         F         G         H         I         J         K           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review S           Sub Date         Dem         Dem         Effective         Aggreg RIP         RIP Name         Resource Nar Zon         Locali Resource Id           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 1         I         ROS         7897897891           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 2         I         ROS         5474747757           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 4         I         ROS         7657658865           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 6         I         ROS         66565366565           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 8         I         ROS         6564546565           4/13/2011         2011         Summ         5/1/2011         1234</td> <td>A         B         C         D         E         F         G         H         J         K         L           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Statu           Sub Date         Dem         Dem         Effective         Aggreg RIP         RIP Name         Resource Nar Zon         Locali Resource Id Me           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 2         I         ROS         5474747757           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 3         I         ROS         7774764764           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 4         I         ROS         7657688865           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 6         I         ROS         66667475475           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 10         I         ROS         6546546565           4/13/2011         2011         Summ         5/1/2011</td> <td>A         B         C         D         E         F         G         H         I         J         K         L         M           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCA           Sub Date         Dem         Effective: Aggreg RIP         RIP Name         Resource Nar Zon         Locali Resource I         I ROS         7897897891         T123456789           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 2         I ROS         7897897891         T123456790           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 2         I ROS         7657656855         T123456790           J/13/2011         2011         Sum         5/1/2011        
1234         1 Market Parti Resource 6         I ROS         7657656855         T123456793           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 7         I ROS         6566536665         T123456796           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 8         I ROS         6566536656         T123456796           J/13/2011         2011</td> <td>A         B         C         D         E         F         G         H         I         J         K         L         M         N           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW           Sub Date Dem YDem : Effective : Aggreg RIP         RIP Name         Resource Nar Zon         Locali Resource Id Mc Account         Type           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 1         ROS         7897897891         T123456789         C           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 3         ROS         7777764764         T123456790         C           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 4         ROS         76576568585         T123456793         C           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 6         ROS         6665436565         T123456796         C           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 8         ROS         6564545655         T123456795         C           //13/2011         2011 Summ : 5/1/2011         1234</td> <td>A         B         C         D         E         F         G         H         I         J         K         L         M         N         O           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value o         Multic Status. The UCAP MW value o           Sub Date         Dem YDem 'Effective 'Aggreg RIP         RIP Name         Resource Nar Zon Locali Resource I (Mc Account         Type         TLF           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 1         ROS         7897897891         T123456790         C         0.0481           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 3         ROS         7774764764         T123456790         C         0.0481           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 3         ROS         7657658565         T123456792         C         0.0121           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 6         ROS         6565656666         T123456796         C         0.0481           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 9         ROS</td> <td>A         B         C         D         E         F         G         H         J         J         K         L         M         N         O         P           VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these A           Sub Date Dem Dem: Effective : Aggreg RIP         RIP Name         Resource Na Zon Locali         Resource Id M Account         Type         TLF         Peak 1           V13/2011         1011         Summ         5/1/2011         1224         1 Market Parti Resource 1         ROS         7897897891         T123466790         C         0.0481         80.3           V13/2011         1011         Summ         5/1/2011         1234         1 Market Parti Resource 3         ROS         7774764764         T123466793         C         0.0481         81.7           V13/2011         1011         Summ         5/1/2011         1234         1 Market Parti Resource 4         ROS         76576565655         T123466793         C         0.0481         81.7           V13/2011         1011         Sum         5/1/2011         1234         1 Market Parti Resource 6         ROS         686745655         T123456796         C         0.0481         624.5           V13</td> <td>A         B         C         D         E         F         G         H         I         J         K         L         M         N         O         P         Q           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregal           Sub Date Dem         Dem: Effective         Aggreg RIP         RIP Name         Resource Nar Zon         Local Resource Id Me Account         Type         TLF         Peak 1         Peak 2           V13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 2         ROS         7897897891         T123456789         C         0.0481         80.3<td>A       B       C       D       E       F       G       H       I       J       K       L       M       N       O       P       Q       R         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations ar         Sub Date Dem YDem : Effective : Aggreg RIP       RIP Name       Resource Na Zon Locali Resource Mick Resource T       T123456789       C       0.481       43.1</td><td>A         B         C         D         E         F         G         H         I         J         K         L         M         O         O         D</td><td>A         B         C         D         E         F         G         H         J         K         L         M         N         D</td><td>A       B       C       D       E       F       G       H       T       J       K       L       M       N       O       P       Q       R       S       T       O         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this er         Sub Date       Dem       15       Ffettive 'Aggreg RIP       RIP Name       Resource NaTZon       Locali Resource 16 M&amp; Account       Type       TLF       Peak 1       Peak 2       Peak 3       Next 1       13</td><td>A         B         C         D         E         F         G         H         F         J       
 K         L         M         N         O         P         D         K         S         I         O         V           VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.           Sub Date         Dem \Dem `Effective 'Aggreg RIP         RIP Name         Resource 1         I         ROS         789787878191         T22455780         C         0.441         43.1</td><td>A       B       C       D       E       P       G       H       P       J       K       L       M       N       O       P       Q       R       S       I       O       V       W         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.         Sub Date Dem 'Dem 'Effective 'Aggreg RIP       RIP Name Resource Nar Zon Locali Resource I (McAccount '172456780 C       0.0481       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4</td><td>A       B       C       D       E       F       G       H       J       J       K       L       M       N       O       P       G       R       S       I       U       V       V       X         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.       X       V       V       X         Sub Date Dem Yem: Effective : Aggreg RIP       RIP Name Resource Nar Zon Locali Resource Id Resourc</td><td>A         B         C         D         E         F         G         H         J         J         K         L         N         O         P         G         R         S         I         O         W         X         Y           ARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.         Sub Date Dem Dem 'Effective 'Aggreg RIP RIP Name Resource Nar Zon Locali Resource 1046 Account         Type         TLF         Peak 1         Peak 2         Peak 3         Deak 3         0.3         0.3         0.3         0.3         0.3         0.3         0.4         1.4         5.00         1           1/13/2011         214         1 Market Parti Resource 1         ROS         787/787/767         T123467/790         C         0.0481         80.3</td><td>A       B       C       D       E       F       G       H       P       J       J       K       L       M       N       O       P       G       R       S       I       O       V</td><td>A       B       C       D       E       F       G       H       J       K       L       M       N       O       P       G       V</td></td> | A         B         C         D           WARNING: One or more aggreg.         Sub Date Dem \Dem : Effective         Effective           4/13/2011         2011         Sum 5/1/2011           4/13/2011 <t< td=""><td>A         B         C         D         E           WARNING: One or more aggregations co         Sub Date         Dem         Effective         Aggreg           4/13/2011         2011         Summ         5/1/2011         1234           4/13/2011         2011         Summ         5/1/2011</td></t<> <td>A         B         C         D         E         F           WARNING: One or more aggregations contain         Sub Date         Dem         Dem         Effective:         Aggreg RIP           4/13/2011         2011         Sum         5/1/2011         1234         1           4/13/2011         2011         Sum         5/1/2011         1234         1</td> <td>A         B         C         D         E         F         G           WARNING: One or more aggregations contain a resource           Sub Date         Dem         Dem         Effective         Aggreg RIP         RIP Name           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Part           4/13/2011         2011         Sum         5/1/2011         1234         1         &lt;</td> <td>A         B         C         D         E         F         G         H           WARNING: One or more aggregations contain a resource(s) with a Pen           Sub Date         Dem         Effective         Aggreg RIP         RIP Name         Resource Na           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 2           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 2           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 3           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 4           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 7           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 10           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 11</td> <td>A         B         C         D         E         F         G         H         I           WARNING: One or more aggregations contain a resource(s) with a Pending           Sub Date         Dem         Effective&lt;: Aggreg</td> RIP         RIP Name         Resource Nar Zor           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 1         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 2         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 3         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 4         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 5         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 6         1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 10         1           4/13/2011         201 | A         B         C         D         E           WARNING: One or more aggregations co         Sub Date         Dem         Effective         Aggreg           4/13/2011         2011         Summ         5/1/2011         1234          
4/13/2011         2011         Summ         5/1/2011 | A         B         C         D         E         F           WARNING: One or more aggregations contain         Sub Date         Dem         Dem         Effective:         Aggreg RIP           4/13/2011         2011         Sum         5/1/2011         1234         1           4/13/2011         2011         Sum         5/1/2011         1234         1 | A         B         C         D         E         F         G           WARNING: One or more aggregations contain a resource           Sub Date         Dem         Dem         Effective         Aggreg RIP         RIP Name           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Part           4/13/2011         2011         Sum         5/1/2011         1234         1         < | A         B         C         D         E         F         G         H           WARNING: One or more aggregations contain a resource(s) with a Pen           Sub Date         Dem         Effective         Aggreg RIP         RIP Name         Resource Na           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 1           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 2           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 2           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 3           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 4           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 7           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 10           4/13/2011         2011         Sum         5/1/2011         1234         1         Market Parti Resource 11 | A         B         C         D         E         F         G         H         I           WARNING: One or more aggregations contain a resource(s) with a Pending           Sub Date         Dem         Effective<: Aggreg | A         B         C         D         E         F         G         H         I         J           WARNING: One or more aggregations contain a resource(s) with a Pending or Und           Sub Date         Dem         Effective         //////////////////////////////////// | A         B         C         D         E         F         G         H         I         J         K           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review S           Sub Date         Dem         Dem         Effective         Aggreg RIP         RIP Name         Resource Nar Zon         Locali Resource Id           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 1         I         ROS         7897897891           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 2         I         ROS         5474747757           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 4         I         ROS         7657658865           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 6         I         ROS         66565366565           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 8         I         ROS         6564546565           4/13/2011         2011         Summ         5/1/2011         1234 | A         B         C         D         E         F         G         H         J         K         L           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Statu           Sub Date         Dem         Dem         Effective         Aggreg RIP         RIP Name         Resource Nar Zon         Locali Resource Id Me           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 2         I         ROS         5474747757           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 3         I         ROS         7774764764           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 4         I         ROS         7657688865           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 6         I         ROS         66667475475           4/13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 10         I         ROS         6546546565           4/13/2011         2011         Summ         5/1/2011 | A         B         C         D         E         F         G         H         I         J         K         L         M           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCA           Sub Date         Dem         Effective: Aggreg RIP         RIP Name         Resource Nar Zon         Locali Resource I         I ROS         7897897891         T123456789           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 2         I ROS         7897897891         T123456790           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 2         I ROS         7657656855         T123456790           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 6         I ROS         7657656855         T123456793           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 7         I ROS         6566536665         T123456796           J/13/2011         2011         Sum         5/1/2011         1234         1 Market Parti Resource 8         I ROS         6566536656         T123456796           J/13/2011         2011 | A         B         C         D         E         F         G         H         I         J         K         L         M         N           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW           Sub Date Dem YDem : Effective : Aggreg RIP         RIP Name         Resource Nar Zon         Locali Resource Id Mc Account         Type           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 1         ROS         7897897891         T123456789         C           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 3         ROS         7777764764         T123456790         C           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 4         ROS         76576568585         T123456793         C           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 6         ROS         6665436565         T123456796         C           //13/2011         2011 Summ : 5/1/2011         1234         1         Market Parti Resource 8         ROS         6564545655         T123456795         C           //13/2011         2011 Summ : 5/1/2011         1234 | A         B         C         D         E         F         G         H         I         J         K         L         M         N         O           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value o         Multic Status. The UCAP MW value o           Sub Date         Dem YDem 'Effective 'Aggreg RIP         RIP Name         Resource Nar Zon Locali Resource I (Mc Account         Type         TLF           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 1         ROS         7897897891         T123456790         C         0.0481           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 3         ROS         7774764764         T123456790         C         0.0481           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 3         ROS         7657658565         T123456792         C         0.0121           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 6         ROS         6565656666         T123456796         C         0.0481           //13/2011         2011 Summ         f/1/2011         1234         1 Market Parti Resource 9         ROS | A         B         C         D         E         F         G         H         J         J         K         L         M         N         O         P           VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these A           Sub Date Dem Dem: Effective : Aggreg RIP         RIP Name         Resource Na Zon Locali         Resource Id M Account         Type         TLF         Peak 1           V13/2011         1011         Summ         5/1/2011         1224         1 Market Parti Resource 1         ROS         7897897891         T123466790         C         0.0481         80.3           V13/2011         1011         Summ         5/1/2011         1234         1 Market Parti Resource 3         ROS         7774764764         T123466793         C         0.0481         81.7           V13/2011         1011         Summ         5/1/2011         1234         1 Market Parti Resource 4         ROS         76576565655         T123466793         C         0.0481         81.7           V13/2011         1011         Sum         5/1/2011         1234         1 Market Parti Resource 6         ROS         686745655         T123456796
        C         0.0481         624.5           V13 | A         B         C         D         E         F         G         H         I         J         K         L         M         N         O         P         Q           WARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregal           Sub Date Dem         Dem: Effective         Aggreg RIP         RIP Name         Resource Nar Zon         Local Resource Id Me Account         Type         TLF         Peak 1         Peak 2           V13/2011         2011         Summ         5/1/2011         1234         1         Market Parti Resource 2         ROS         7897897891         T123456789         C         0.0481         80.3 <td>A       B       C       D       E       F       G       H       I       J       K       L       M       N       O       P       Q       R         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations ar         Sub Date Dem YDem : Effective : Aggreg RIP       RIP Name       Resource Na Zon Locali Resource Mick Resource T       T123456789       C       0.481       43.1</td> <td>A         B         C         D         E         F         G         H         I         J         K         L         M         O         O         D</td> <td>A         B         C         D         E         F         G         H         J         K         L         M         N         D</td> <td>A       B       C       D       E       F       G       H       T       J       K       L       M       N       O       P       Q       R       S       T       O         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this er         Sub Date       Dem       15       Ffettive 'Aggreg RIP       RIP Name       Resource NaTZon       Locali Resource 16 M&amp; Account       Type       TLF       Peak 1       Peak 2       Peak 3       Next 1       13</td> <td>A         B         C         D         E         F         G         H         F         J         K         L         M         N         O         P         D         K         S         I         O         V           VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.           Sub Date         Dem \Dem `Effective 'Aggreg RIP         RIP Name         Resource 1         I         ROS         789787878191         T22455780         C         0.441         43.1</td> <td>A       B       C       D       E       P       G       H       P       J       K       L       M       N       O       P       Q       R       S       I       O       V       W         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.         Sub Date Dem 'Dem 'Effective 'Aggreg RIP       RIP Name Resource Nar Zon Locali Resource I (McAccount '172456780 C       0.0481       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4</td> <td>A       B       C       D       E       F       G       H       J       J       K       L       M       N       O       P       G       R       S       I       U       V       V       X         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.       X       V       V       X         Sub Date Dem Yem: Effective : Aggreg RIP       RIP Name Resource Nar Zon Locali Resource Id Resourc</td> <td>A         B         C         D         E         F         G         H         J         J         K         L         N         O         P         G         R         S         I         O         W         X         Y           ARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.         Sub Date Dem Dem 'Effective 'Aggreg RIP RIP Name Resource Nar Zon Locali Resource 1046 Account         Type         TLF         Peak 1         Peak 2         Peak 3         Deak 3         0.3         0.3         0.3         0.3         0.3         0.3         0.4         1.4         5.00         1           1/13/2011         214         1 Market Parti Resource 1         ROS         787/787/767         T123467/790         C         0.0481         80.3</td> <td>A       B       C       D       E       F       G       H       P       J       J       K       L       M
      N       O       P       G       R       S       I       O       V</td> <td>A       B       C       D       E       F       G       H       J       K       L       M       N       O       P       G       V</td> | A       B       C       D       E       F       G       H       I       J       K       L       M       N       O       P       Q       R         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations ar         Sub Date Dem YDem : Effective : Aggreg RIP       RIP Name       Resource Na Zon Locali Resource Mick Resource T       T123456789       C       0.481       43.1 | A         B         C         D         E         F         G         H         I         J         K         L         M         O         O         D | A         B         C         D         E         F         G         H         J         K         L         M         N         D | A       B       C       D       E       F       G       H       T       J       K       L       M       N       O       P       Q       R       S       T       O         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this er         Sub Date       Dem       15       Ffettive 'Aggreg RIP       RIP Name       Resource NaTZon       Locali Resource 16 M& Account       Type       TLF       Peak 1       Peak 2       Peak 3       Next 1       13 | A         B         C         D         E         F         G         H         F         J         K         L         M         N         O         P         D         K         S         I         O         V           VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.           Sub Date         Dem \Dem `Effective 'Aggreg RIP         RIP Name         Resource 1         I         ROS         789787878191         T22455780         C         0.441         43.1 | A       B       C       D       E       P       G       H       P       J       K       L       M       N       O       P       Q       R       S       I       O       V       W         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.         Sub Date Dem 'Dem 'Effective 'Aggreg RIP       RIP Name Resource Nar Zon Locali Resource I (McAccount '172456780 C       0.0481       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4       4.3.4 | A       B       C       D       E       F       G       H       J       J       K       L       M       N       O       P       G       R       S       I       U       V       V       X         VARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.       X       V       V       X         Sub Date Dem Yem: Effective : Aggreg RIP       RIP Name Resource Nar Zon Locali Resource Id Resourc | A         B         C         D         E         F         G         H         J         J         K         L         N         O         P         G         R         S         I         O         W         X         Y           ARNING: One or more aggregations contain a resource(s) with a Pending or Under Review Status. The UCAP MW value of these Aggregations are not listed on this export.         Sub Date Dem Dem 'Effective 'Aggreg RIP RIP Name Resource Nar Zon Locali Resource 1046 Account         Type         TLF         Peak 1         Peak 2         Peak 3         Deak 3         0.3         0.3         0.3         0.3         0.3         0.3         0.4         1.4         5.00         1           1/13/2011         214         1 Market Parti Resource 1         ROS         787/787/767         T123467/790         C         0.0481         80.3         80.3         80.3         80.3         80.3         80.3   
     80.3         80.3 | A       B       C       D       E       F       G       H       P       J       J       K       L       M       N       O       P       G       R       S       I       O       V | A       B       C       D       E       F       G       H       J       K       L       M       N       O       P       G       V |



The New York Independent System Operator (NYISO) is a not-for-profit corporation that began operations in 1999. The NYISO operates New York's bulk electricity grid, administers the state's wholesale electricity markets, and provides comprehensive reliability planning for the state's bulk electricity system.

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