Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Form Approved
OMB Numbers: 1902-0140
(Expires 05/31/2019)

Part I - Schedule 1. Identification and Certification

1. Respondent Identification:

Code: 13501 Name: New York Independent System Operator, Inc.

2. Respondent Type: (Please check appropriate box and fill in name)

[**X**] Part I: Balancing Authority Area (Complete Parts I, II, and IV)

[ ] Unit dispatch is not based on the economic dispatch of thermal units (i.e., a system lambda is not calculated)

Balancing Authority Area Name:

New York Control Area

[**X**] Part II: Planning Area (Complete Parts I, III, and IV)

Planning Area Name:

New York Control Area

3. Respondent Mailing Address:

New York Independent System Operator, Inc.
10 Krey Boulevard
Rensselaer, NY 12144

4 Contact Person:

Name: John C. Cutting

Title: Regulatory Affairs Senior Specialist

E-mail address: jcutting@nyiso.com

Telephone #: 518-356-7521 Ext:

5. Certifying Official:

Name: Zachary Smith

Title: Vice President, System and Resource Planning

Date: 06/20/2017

This report is an [X] Original [ ] Revised Filing

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For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 1. Generating Plants Included in Reporting Balancing Authority Area

Under the name of its operating electric utility, list all generating plants (1) within the respondent's balancing authority area which are controlled, metered or for which the required information is otherwise available to balancing authority area operators and (2) dynamically scheduled plants or units outside the balancing authority area. Specifically identify dynamically scheduled plants. Report only plant totals with generators in an operating or standby status. Provide totals for columns (d) and (e) as a last line. The total in column (d) should equal the value in column (c) on Schedule 2 for the month of the annual peak demand. The total in column (e) should equal the value in column (f) on Schedule 3 for the month of the annual peak demand. Any differences must be explained in a footnote. Refer to the Form 714 instructions for specific guidelines.

Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Astoria Energy II, LLC	Astoria Energy 2 - CC3	284	276
2	Astoria Energy II, LLC	Astoria Energy 2 - CC4	284	276
3	Astoria Energy, LLC	Astoria East Energy CC1	279	265
4	Astoria Energy, LLC	Astoria East Energy CC2	279	
5	Astoria Generating Company L.P.	Astoria 2	172	
6	Astoria Generating Company L.P.	Astoria 3	379	373
7	Astoria Generating Company L.P.	Astoria 5	382	375
8	Astoria Generating Company L.P.	Astoria GT 01	14	14
9	Astoria Generating Company L.P.	Gowanus 1-1	19	
10	Astoria Generating Company L.P.	Gowanus 1-2	19	
11	Astoria Generating Company L.P.	Gowanus 1-3	17	
12	Astoria Generating Company L.P.	Gowanus 1-4	16	
13	Astoria Generating Company L.P.	Gowanus 1-5	17	
14	Astoria Generating Company L.P.	Gowanus 1-6	16	
15	Astoria Generating Company L.P.	Gowanus 1-7	17	
16	Astoria Generating Company L.P.	Gowanus 1-8	16	
17	Astoria Generating Company L.P.	Gowanus 2-1	17	17
18	Astoria Generating Company L.P.	Gowanus 2-2	18	16
19	Astoria Generating Company L.P.	Gowanus 2-3	19	17
20	Astoria Generating Company L.P.	Gowanus 2-4	17	6
21	Astoria Generating Company L.P.	Gowanus 2-5	18	18
22	Astoria Generating Company L.P.	Gowanus 2-6	19	18
23	Astoria Generating Company L.P.	Gowanus 2-7	19	17
24	Astoria Generating Company L.P.	Gowanus 2-8	17	15
25	Astoria Generating Company L.P.	Gowanus 3-1	17	16

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Part II - Schedule 1. Generating Plants Included in Reporting Balancing Authority Area (continued)

Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Astoria Generating Company L.P.	Gowanus 3-2	17	16
2	Astoria Generating Company L.P.	Gowanus 3-3	19	13
3	Astoria Generating Company L.P.	Gowanus 3-4	17	16
4	Astoria Generating Company L.P.	Gowanus 3-5	17	13
5	Astoria Generating Company L.P.	Gowanus 3-6	16	11
6	Astoria Generating Company L.P.	Gowanus 3-7	18	15
7	Astoria Generating Company L.P.	Gowanus 3-8	18	13
8	Astoria Generating Company L.P.	Gowanus 4-1	19	
9	Astoria Generating Company L.P.	Gowanus 4-2	18	
10	Astoria Generating Company L.P.	Gowanus 4-3	17	
11	Astoria Generating Company L.P.	Gowanus 4-4	17	
12	Astoria Generating Company L.P.	Gowanus 4-5	16	
13	Astoria Generating Company L.P.	Gowanus 4-6	18	
14	Astoria Generating Company L.P.	Gowanus 4-7	17	
15	Astoria Generating Company L.P.	Gowanus 4-8	17	
16	Astoria Generating Company L.P.	Narrows 1-1	19	17
17	Astoria Generating Company L.P.	Narrows 1-2	17	15
18	Astoria Generating Company L.P.	Narrows 1-3	19	16
19	Astoria Generating Company L.P.	Narrows 1-4	19	16
20	Astoria Generating Company L.P.	Narrows 1-5	20	17
21	Astoria Generating Company L.P.	Narrows 1-6	17	15
22	Astoria Generating Company L.P.	Narrows 1-7	16	16
23	Astoria Generating Company L.P.	Narrows 1-8	17	15
24	Astoria Generating Company L.P.	Narrows 2-1	19	15
25	Astoria Generating Company L.P.	Narrows 2-2	17	15

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Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Astoria Generating Company L.P.	Narrows 2-3	18	15
2	Astoria Generating Company L.P.	Narrows 2-4	19	16
3	Astoria Generating Company L.P.	Narrows 2-5	18	14
4	Astoria Generating Company L.P.	Narrows 2-6	15	12
5	Astoria Generating Company L.P.	Narrows 2-7	18	15
6	Astoria Generating Company L.P.	Narrows 2-8	16	14
7	Athens Generating Company, LP	Athens 1	328	306
8	Athens Generating Company, LP	Athens 2	328	307
9	Athens Generating Company, LP	Athens 3	325	307
10	Bayonne Energy Center, LLC	Bayonne EC CTG1	60	54
11	Bayonne Energy Center, LLC	Bayonne EC CTG2	61	57
12	Bayonne Energy Center, LLC	Bayonne EC CTG3	59	53
13	Bayonne Energy Center, LLC	Bayonne EC CTG4	59	53
14	Bayonne Energy Center, LLC	Bayonne EC CTG5	62	57
15	Bayonne Energy Center, LLC	Bayonne EC CTG6	59	54
16	Bayonne Energy Center, LLC	Bayonne EC CTG7	61	56
17	Bayonne Energy Center, LLC	Bayonne EC CTG8	62	57
18	Binghamton BOP, LLC	Binghamton	44	41
19	Boralex Hydro Operations Inc	Fourth Branch (Mohawk Paper)	3	1
20	Boralex Hydro Operations Inc	NYS Dam	11	3
21	Boralex Hydro Operations Inc	Sissonville	3	
22	Boralex Hydro Operations Inc	Warrensburg	3	
23	Calpine Energy Service LP	Bethpage	53	48
24	Calpine Energy Service LP	Bethpage 3	78	74
25	Calpine Energy Service LP	Bethpage GT4	45	42

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Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Calpine Energy Service LP	KIAC_JFK_GT1	58	47
2	Calpine Energy Service LP	KIAC_JFK_GT2	59	47
3	Calpine Energy Service LP	Stony Brook	17	3
4	Canandaigua Power Partners, LLC	Canandaigua Wind Power	125	2
5	Canastota Wind Power, LLC	Fenner Wind Power		
6	Carr Street Generating Station LP	Carr St.-E. Syr	88	44
7	Castleton Power LLC	Fort Orange	61	57
8	Cayuga Operating Company, LLC	Cayuga 1	152	141
9	Cayuga Operating Company, LLC	Cayuga 2	150	
10	Cayuga Operating Company, LLC	Cayuga IC 1/2		
11	Central Hudson Gas & Elec. Corp.	Central Hudson IPPs	9	4
12	Central Hudson Gas & Elec. Corp.	Coxsackie GT	19	
13	Central Hudson Gas & Elec. Corp.	Dashville		
14	Central Hudson Gas & Elec. Corp.	High Falls		
15	Central Hudson Gas & Elec. Corp.	South Cairo	20	
16	Central Hudson Gas & Elec. Corp.	Sturgeon		
17	Consolidated Edison Co. of NY, Inc.	59 St. GT 1	14	
18	Consolidated Edison Co. of NY, Inc.	74 St. GT 1	20	
19	Consolidated Edison Co. of NY, Inc.	74 St. GT 2	20	
20	Consolidated Edison Co. of NY, Inc.	Brooklyn Navy Yard	266	215
21	Consolidated Edison Co. of NY, Inc.	East River 1	152	148
22	Consolidated Edison Co. of NY, Inc.	East River 2	149	147
23	Consolidated Edison Co. of NY, Inc.	East River 6	143	64
24	Consolidated Edison Co. of NY, Inc.	East River 7	186	176
25	Consolidated Edison Co. of NY, Inc.	Hudson Ave 3	14	

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1	Consolidated Edison Co. of NY, Inc.	Hudson Ave 4	13	
2	Consolidated Edison Co. of NY, Inc.	Hudson Ave 5	15	
3	Consolidated Edison Energy, Inc.	Broome 2 LFGE	2	2
4	Consolidated Edison Energy, Inc.	Fortistar - N.Tonawanda	62	52
5	Consolidated Edison Energy, Inc.	Massena	81	79
6	Consolidated Edison Energy, Inc.	Munnsville Wind Power	35	
7	Consolidated Edison Energy, Inc.	Rensselaer Cogen	77	5
8	Consolidated Edison Energy, Inc.	Roseton 1	590	480
9	Consolidated Edison Energy, Inc.	Roseton 2	600	386
10	Consolidated Hydro New York, Inc.	Groveville Hydro		
11	Consolidated Hydro New York, Inc.	Walden Hydro		
12	Covanta Niagara, LP	AMERICAN_REF_FUEL	29	27
13	Danskammer Energy, LLC	Danskammer 1	71	
14	Danskammer Energy, LLC	Danskammer 2	66	
15	Danskammer Energy, LLC	Danskammer 3	139	
16	Danskammer Energy, LLC	Danskammer 4	222	
17	Dynegy Marketing and Trade, LLC	Independence GS1	237	224
18	Dynegy Marketing and Trade, LLC	Independence GS2	237	228
19	Dynegy Marketing and Trade, LLC	Independence GS3	237	251
20	Dynegy Marketing and Trade, LLC	Independence GS4	237	254
21	Eagle Creek Hydro Power, LLC	Mongaup Hydro	21	16
22	East Coast Power, LLC	Linden Cogen	762	671
23	Empire Generating Co, LLC	EMPIRE_CC_1	293	287
24	Empire Generating Co, LLC	EMPIRE_CC_2	293	287
25	Entergy Nuclear Power Marketing LLC	Fitzpatrick 1	836	677

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1	Entergy Nuclear Power Marketing LLC	Indian Pt 2	1,000	978
2	Entergy Nuclear Power Marketing LLC	Indian Pt 3	1,041	1,012
3	Erie Boulevard Hydropower LP	Beaver River Hydro	45	12
4	Erie Boulevard Hydropower LP	Black River Hydro	38	3
5	Erie Boulevard Hydropower LP	East Canada Capital Hydro	24	17
6	Erie Boulevard Hydropower LP	East Canada Mohawk Hydro	6	6
7	Erie Boulevard Hydropower LP	Lower Hudson Hydro	56	12
8	Erie Boulevard Hydropower LP	Lower Raquette Hydro	62	11
9	Erie Boulevard Hydropower LP	North Salmon Hydro	16	2
10	Erie Boulevard Hydropower LP	NYS Barge Hydro	5	
11	Erie Boulevard Hydropower LP	Oak Orchard Hydro	7	
12	Erie Boulevard Hydropower LP	Oswegatchie Hydro	31	7
13	Erie Boulevard Hydropower LP	Seneca Oswego Hydro	36	1
14	Erie Boulevard Hydropower LP	South Salmon Hydro	34	14
15	Erie Boulevard Hydropower LP	Upper Hudson Hydro	131	86
16	Erie Boulevard Hydropower LP	Upper Raquette Hydro	101	100
17	Erie Boulevard Hydropower LP	West Canada Hydro	37	27
18	Erie Boulevard Hydropower LP	West Delaware Hydro	8	7
19	Erie Wind, LLC	Erie Wind		1
20	Exelon Generation Company, LLC	Chaffee	6	6
21	Exelon Generation Company, LLC	High Acres	10	9
22	Exelon Generation Company, LLC	Madison County LF	2	1
23	Exelon Generation Company, LLC	Mill Seat	6	6
24	Exelon Generation Company, LLC	Monroe Livingston	2	1
25	Exelon Generation Company, LLC	Oneida-Herkimer LFGE	3	3

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1	Exelon Generation Company, LLC	Synergy Biogas		
2	Flat Rock Windpower, LLC	Maple Ridge 1	231	8
3	Flat Rock Windpower, LLC	Maple Ridge 2	91	5
4	Freeport Electric	Freeport CT 2	48	42
5	Freeport Electric	Village of Freeport	22	
6	GenOn Energy Management, LLC	Bowline 1	565	
7	GenOn Energy Management, LLC	Bowline 2	561	498
8	Hampshire Paper Co., Inc.	Hampshire Paper	3	
9	Hardscrabble Wind Power LLC	Hardscrabble Wind	74	
10	Howard Wind LLC	Howard Wind	55	6
11	Indeck Energy Services of Silver Springs	Indeck-Silver Springs	51	46
12	Indeck-Corinth LP	Indeck-Corinth	130	129
13	Indeck-Olean LP	Indeck-Olean	79	72
14	Indeck-Oswego LP	Indeck-Oswego	50	48
15	Indeck-Yerkes LP	Indeck-Yerkes	48	47
16	Innovative Energy Systems, Inc.	Auburn LFG		
17	Innovative Energy Systems, Inc.	Chautauqua LFGE		5
18	Innovative Energy Systems, Inc.	Clinton LFGE	6	4
19	Innovative Energy Systems, Inc.	Colonie LFGTE	6	4
20	Innovative Energy Systems, Inc.	DANC LFGE	6	3
21	Innovative Energy Systems, Inc.	Fulton LFGE		2
22	Innovative Energy Systems, Inc.	Hyland LFGE	5	4
23	Innovative Energy Systems, Inc.	Steuben County LF	3	2
24	International Paper Company	Ticonderoga Mill		
25	Jamestown Board of Public Utilities	City of Jamestown GT	39	

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Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Jamestown Board of Public Utilities	City of Jamestown ST	23	
2	Long Island Power Authority	Babylon (RR)	15	14
3	Long Island Power Authority	Barrett 03	16	11
4	Long Island Power Authority	Barrett 04	17	12
5	Long Island Power Authority	Barrett 05	17	12
6	Long Island Power Authority	Barrett 06	18	12
7	Long Island Power Authority	Barrett 08	16	11
8	Long Island Power Authority	Barrett 09	41	32
9	Long Island Power Authority	Barrett 10	40	32
10	Long Island Power Authority	Barrett 11	41	32
11	Long Island Power Authority	Barrett 12	41	32
12	Long Island Power Authority	Barrett GT 01	17	12
13	Long Island Power Authority	Barrett GT 02	17	11
14	Long Island Power Authority	Barrett ST 01	194	180
15	Long Island Power Authority	Barrett ST 02	194	177
16	Long Island Power Authority	Caithness_CC_1	310	315
17	Long Island Power Authority	East Hampton Diesels	6	6
18	Long Island Power Authority	East Hampton GT 01	19	16
19	Long Island Power Authority	Far Rockaway GT1	54	52
20	Long Island Power Authority	Far Rockaway GT2	54	53
21	Long Island Power Authority	Freeport CT 1	48	46
22	Long Island Power Authority	Glenwood GT 01	10	
23	Long Island Power Authority	Glenwood GT 02	51	44
24	Long Island Power Authority	Glenwood GT 03	55	46
25	Long Island Power Authority	Glenwood GT 04	40	40

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Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Long Island Power Authority	Glenwood GT 05	40	40
2	Long Island Power Authority	Greenport GT1	53	49
3	Long Island Power Authority	Hempstead (RR)	74	69
4	Long Island Power Authority	Holtsville 01	58	
5	Long Island Power Authority	Holtsville 02	55	
6	Long Island Power Authority	Holtsville 03	53	
7	Long Island Power Authority	Holtsville 04	52	
8	Long Island Power Authority	Holtsville 05	55	
9	Long Island Power Authority	Holtsville 06	50	42
10	Long Island Power Authority	Holtsville 07	52	41
11	Long Island Power Authority	Holtsville 08	56	43
12	Long Island Power Authority	Holtsville 09	56	
13	Long Island Power Authority	Holtsville 10	54	42
14	Long Island Power Authority	Huntington (RR)	24	23
15	Long Island Power Authority	Islip (RR)	9	
16	Long Island Power Authority	Long Island Solar Farm	32	18
17	Long Island Power Authority	Northport 1	398	344
18	Long Island Power Authority	Northport 2	400	334
19	Long Island Power Authority	Northport 3	390	
20	Long Island Power Authority	Northport 4	385	351
21	Long Island Power Authority	Northport GT	12	
22	Long Island Power Authority	Pilgrim GT1	45	41
23	Long Island Power Authority	Pilgrim GT2	45	41
24	Long Island Power Authority	Pinelawn Power 1	76	73
25	Long Island Power Authority	Port Jefferson 3	189	170

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Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Long Island Power Authority	Port Jefferson 4	199	146
2	Long Island Power Authority	Port Jefferson GT 01	12	9
3	Long Island Power Authority	Port Jefferson GT 02	41	39
4	Long Island Power Authority	Port Jefferson GT 03	41	39
5	Long Island Power Authority	S Hampton 1	9	7
6	Long Island Power Authority	Shoreham 1	50	46
7	Long Island Power Authority	Shoreham 2	15	12
8	Long Island Power Authority	Shoreham GT3	45	39
9	Long Island Power Authority	Shoreham GT4	45	39
10	Long Island Power Authority	Southold 1	10	10
11	Long Island Power Authority	Trigen-NDEC	48	45
12	Long Island Power Authority	Wading River 1	79	73
13	Long Island Power Authority	Wading River 2	80	69
14	Long Island Power Authority	Wading River 3	79	73
15	Long Island Power Authority	West Babylon 4	50	40
16	Lyonsdale BioMass, LLC	Lyonsdale Power	20	10
17	Madison Windpower, LLC	Madison Wind Power	12	
18	Marble River LLC	Marble River Wind	216	10
19	Marsh Hill Energy LLC	Marsh Hill Wind Farm		7
20	Model City Energy LLC	Model City Energy	6	2
21	Modern Innovative Energy, LLC	Modern LF	6	1
22	New York Power Authority	Ashokan	5	2
23	New York Power Authority	Astoria CC 1	234	237
24	New York Power Authority	Astoria CC 2	234	236
25	New York Power Authority	Blenheim - Gilboa 1	292	168

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1	New York Power Authority	Blenheim - Gilboa 2	292	202
2	New York Power Authority	Blenheim - Gilboa 3	292	140
3	New York Power Authority	Blenheim - Gilboa 4	292	259
4	New York Power Authority	Brentwood	46	40
5	New York Power Authority	Crescent	12	3
6	New York Power Authority	Flynn	137	135
7	New York Power Authority	Gowanus 5	40	39
8	New York Power Authority	Gowanus 6	40	40
9	New York Power Authority	Grahamsville	18	16
10	New York Power Authority	Harlem River 1	40	40
11	New York Power Authority	Harlem River 2	40	40
12	New York Power Authority	Hellgate 1	40	40
13	New York Power Authority	Hellgate 2	40	40
14	New York Power Authority	Jarvis	9	4
15	New York Power Authority	Kent	46	44
16	New York Power Authority	Moses Niagara / Lewiston PS	2,675	2,451
17	New York Power Authority	Neversink	25	22
18	New York Power Authority	Pouch	46	43
19	New York Power Authority	St Lawrence - FDR	856	879
20	New York Power Authority	Vernon Blvd 2	40	40
21	New York Power Authority	Vernon Blvd 3	40	40
22	New York Power Authority	Village of Greenport	5	
23	New York Power Authority	Vischer Ferry	12	3
24	New York State Elec. & Gas Corp.	Alice Falls		
25	New York State Elec. & Gas Corp.	Allegheny Hydro	38	20

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1	New York State Elec. & Gas Corp.	Auburn - State St.	6	
2	New York State Elec. & Gas Corp.	Broome LFGE	2	1
3	New York State Elec. & Gas Corp.	Lower Saranac Hydro		
4	New York State Elec. & Gas Corp.	Mechanicville Hydro	19	
5	New York State Elec. & Gas Corp.	NYSEG Small Hydro Group	43	5
6	Niagara Generation, LLC	Niagara Bio-Gen		
7	Niagara Mohawk Power Corp.	Boralex - Hudson Falls	14	16
8	Niagara Mohawk Power Corp.	Boralex - South Glens Falls		
9	Niagara Mohawk Power Corp.	CHI-Lachute		
10	Niagara Mohawk Power Corp.	Fortis - Dolgeville		
11	Niagara Mohawk Power Corp.	Fortis Energy - Philadelphia		
12	Niagara Mohawk Power Corp.	Fortis Energy - Moose River		
13	Niagara Mohawk Power Corp.	General Mills Inc		
14	Niagara Mohawk Power Corp.	International Paper - Curtis/Palmer		
15	Niagara Mohawk Power Corp.	Little Falls Hydro		
16	Niagara Mohawk Power Corp.	Niagara Mohawk - CAPITL NUG		
17	Niagara Mohawk Power Corp.	Niagara Mohawk - CENTRL NUG		
18	Niagara Mohawk Power Corp.	Niagara Mohawk - MHK VL NUG		
19	Niagara Mohawk Power Corp.	Niagara Mohawk - NORTH NUG		
20	Niagara Mohawk Power Corp.	Niagara Mohawk - WEST NUG		
21	Niagara Mohawk Power Corp.	Onondaga County	32	22
22	Niagara Mohawk Power Corp.	Pyrites Assoc.		
23	Niagara Wind Power, LLC	Steel Winds		
24	Nine Mile Point Nuclear Station, LLC	Nine Mile Pt 1	625	589
25	Nine Mile Point Nuclear Station, LLC	Nine Mile Pt 2	1,291	1,260

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For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 1. Generating Plants Included in Reporting Balancing Authority Area (continued)

Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Noble Altona Windpark, LLC	Altona Wind Power	98	2
2	Noble Bliss Windpark, LLC	Bliss Wind Power	101	
3	Noble Chateaugay Windpark, LLC	Chateaugay Wind Power	107	2
4	Noble Clinton Windpark 1, LLC	Clinton Wind Power	101	2
5	Noble Ellenburg Windpark, LLC	Ellenburg Wind Power	81	3
6	Noble Wethersfield Windpark, LLX	Wethersfield Wind Power	126	
7	Northbrook Lyons Falls, LLC	Lyons Falls Hydro	8	2
8	NRG Power Marketing LLC	Arthur Kill GT 1	12	9
9	NRG Power Marketing LLC	Arthur Kill ST 2	331	313
10	NRG Power Marketing LLC	Arthur Kill ST 3	513	
11	NRG Power Marketing LLC	Astoria GT 05		
12	NRG Power Marketing LLC	Astoria GT 07		
13	NRG Power Marketing LLC	Astoria GT 08		
14	NRG Power Marketing LLC	Astoria GT 10		
15	NRG Power Marketing LLC	Astoria GT 11		
16	NRG Power Marketing LLC	Astoria GT 12		
17	NRG Power Marketing LLC	Astoria GT 13		
18	NRG Power Marketing LLC	Astoria GT 2-1	36	35
19	NRG Power Marketing LLC	Astoria GT 2-2	33	35
20	NRG Power Marketing LLC	Astoria GT 2-3	36	35
21	NRG Power Marketing LLC	Astoria GT 2-4	35	27
22	NRG Power Marketing LLC	Astoria GT 3-1	34	32
23	NRG Power Marketing LLC	Astoria GT 3-2	35	33
24	NRG Power Marketing LLC	Astoria GT 3-3	34	31
25	NRG Power Marketing LLC	Astoria GT 3-4	37	34

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Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 1. Generating Plants Included in Reporting Balancing Authority Area (continued)

Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	NRG Power Marketing LLC	Astoria GT 4-1	34	32
2	NRG Power Marketing LLC	Astoria GT 4-2	34	32
3	NRG Power Marketing LLC	Astoria GT 4-3	34	32
4	NRG Power Marketing LLC	Astoria GT 4-4	33	32
5	NRG Power Marketing LLC	Dunkirk 2		
6	NRG Power Marketing LLC	Huntley 67		
7	NRG Power Marketing LLC	Huntley 68		
8	NRG Power Marketing LLC	Oswego 5	816	
9	NRG Power Marketing LLC	Oswego 6	823	
10	PSEG Energy Resource & Trade, LLC	Bethlehem _ GS1	254	246
11	PSEG Energy Resource & Trade, LLC	Bethlehem _ GS2	254	246
12	PSEG Energy Resource & Trade, LLC	Bethlehem _ GS3	254	246
13	R.E. Ginna Nuclear Power Plant, LLC	Ginna	579	555
14				
15	Rochester Gas and Electric Corp.	RGE Hydro	57	
16	Rockville Centre, Village of	Village of Rockville Centre	30	
17	SBF New York, LLC	Beaver Falls	81	
18	SBF New York, LLC	Syracuse	82	81
19	Selkirk Cogen Partners, L.P.	Selkirk-I	78	77
20	Selkirk Cogen Partners, L.P.	Selkirk-II	277	278
21	Seneca Energy II, LLC	Ontario LFGE	11	7
22	Seneca Energy II, LLC	Seneca Energy	18	14
23	Seneca Power Partners, L.P.	Allegany Cogen	62	59
24	Seneca Power Partners, L.P.	Batavia	49	48
25	Seneca Power Partners, L.P.	Carthage Energy	56	49

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For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 1. Generating Plants Included in Reporting Balancing Authority Area (continued)

Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	Seneca Power Partners, L.P.	Hillburn GT	37	
2	Seneca Power Partners, L.P.	Shoemaker GT	33	
3	Sheldon Energy LLC	High Sheldon Wind Farm	118	
4	Shell Energy North America (US), L.P.	Glen Park Hydro	33	2
5	Shell Energy North America (US), L.P.	Lockport Cogen	203	196
6	Somerset Operating Company, LLC	Somerset	686	667
7	Sterling Power Partners, L.P.	Sterling	50	49
8	Stony Creek Energy LLC	Orangeville Wind Farm	94	
9	TC Ravenswood, LLC	Ravenswood 01	9	8
10	TC Ravenswood, LLC	Ravenswood 04	13	
11	TC Ravenswood, LLC	Ravenswood 05	16	
12	TC Ravenswood, LLC	Ravenswood 06	13	
13	TC Ravenswood, LLC	Ravenswood 09	16	16
14	TC Ravenswood, LLC	Ravenswood 10	18	16
15	TC Ravenswood, LLC	Ravenswood 11	17	8
16	TC Ravenswood, LLC	Ravenswood 2-1	31	38
17	TC Ravenswood, LLC	Ravenswood 2-2	30	37
18	TC Ravenswood, LLC	Ravenswood 2-3	30	
19	TC Ravenswood, LLC	Ravenswood 2-4	31	7
20	TC Ravenswood, LLC	Ravenswood 3-1	32	
21	TC Ravenswood, LLC	Ravenswood 3-2	30	
22	TC Ravenswood, LLC	Ravenswood 3-4	31	29
23	TC Ravenswood, LLC	Ravenswood CC 04	220	218
24	TC Ravenswood, LLC	Ravenswood ST 01	366	324
25	TC Ravenswood, LLC	Ravenswood ST 02	367	331

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For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 1. Generating Plants Included in Reporting Balancing Authority Area (continued)

Line No (a)	Electric Utility Name (b)	Plant Name (c)	Plant Available Capacity at the Hour of the Annual Peak Demand on Net Energy for Load (MW) (d)	Integrated Net Load on the Plant at the Hour of the Annual Peak Demand Based on Net Energy for Load (MW) (e)
1	TC Ravenswood, LLC	Ravenswood ST 03	973	926
2	TransAlta Energy Marketing (U.S.) Inc.	Saranac Energy	246	245
3	Triton Power Company	Chateaugay High Falls		
4	Western New York Wind Corp.	Western NY Wind Power		
5	Wheelabrator Hudson Falls, LLC	Wheelabrator Hudson Falls	12	3
6	Wheelabrator Westchester, LP	Wheelabrator Westchester	51	45
7	Albany Energy LLC	Albany LFGE	6	
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12				
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19				
20				
21				
22				
23				
24				
25				
		TOTAL	38,811	28,442

Schedule Page: 2 Line No.: 26 Column: d

Part II Schedule1 Column (d) The total value in Column (d) represents the total MW of generation electrically located in the New York Control Area..

Schedule Page: 2 Line No.: 26 Column: e

Part II Schedule 1 column (e) total The difference between the August value in Part II Schedule 3 column (f) (i.e., 28,527 MW) and Part II Schedule 1 column (e) (i.e., 28,442 MW) is attributed to differences between metering devices aggregated over the entire system.

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Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 2. Balancing Authority Area Monthly Capabilities at Time of Monthly Peak Demand

The peak demand and other terms used in this schedule are defined in the Form 714 instructions. Please first read the instructions, then complete this Schedule. The value in column (c) for the month of the annual peak demand should equal the total in column (d) in Schedule 1. Any difference must be explained in a footnote.

		Net Capability at the Time of the Monthly Peak Demand, Based on Balancing Authority Area Area Net Energy For Load (NEL)							
		Net Capability from Plants Reported on Schedule II					External to the Balancing Authority Area Net Unit or Firm Capability (MW)		
			Unavailable Capability Due to:						
Line No (a)	Month (b)	Available Capability (MW) (c)	Planned Outage and Derating (MW) (d)	Unplanned Outage and Derating (MW) (e)	Other Outage and Derating* (MW) (f)	Total (c + d + e + f) (MW) (g)	Available (MW) (h)	Not Available (MW) (i)	Total Capability (g + h + i) (MW) (j)
1	Jan	39,273	-3,911	-409		34,953			34,953
2	Feb	39,273	-4,197	-393		34,683			34,683
3	Mar	39,273	-6,005	-399		32,869			32,869
4	Apr	39,273	-9,262	-260		29,751			29,751
5	May	39,198	-3,751	-1,012		34,435			34,435
6	Jun	39,198	-796	-1,040		37,362			37,362
7	Jul	39,198	-805	-1,287		37,106			37,106
8	Aug	39,198	-910	-1,427		36,861			36,861
9	Sep	39,198	-2,029	-1,163		36,006			36,006
10	Oct	39,198	-9,548	-1,313		28,337			28,337
11	Nov	39,198	-6,419	-162		32,617			32,617
12	Dec	39,198	-3,613	-287		35,298			35,298

PART IV: FOOTNOTE DATA

Schedule Page: 3 Line No.: 1 Column: d

Part II Schedule 2 Line 1 column (d) By definition any planned outage is a reduction in capacity and hence a negative value. The values in column (d) fall into this category.

Schedule Page: 3 Line No.: 1 Column: e

Part II Schedule 2 Line 1 column (e) By definition any unplanned outage or derating is a reduction in capacity and hence a negative value. The values in column (e) fall into this category.

Schedule Page: 3 Line No.: 2 Column: e

Part II Schedule 2 column (e) all rows Unplanned outages are deratings and do not include intermittent resources (e.g., wind, run-of-river hydro, solar PV).

Schedule Page: 3 Line No.: 8 Column: c

Part II Schedule 2, Line 8, column (c) represents the Minimum Installed Capacity Requirement for the New York Control Area. The Part II Schedule 1, column (d) total represents the total MW of generation electrically located in the New York Control Area. It does not include a variety of Installed Capacity Resources that also participate in the NYISO's Installed Capacity market.

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For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 3. Balancing Authority Area Net Energy for Load and Peak Demand Sources by Month

Enter the monthly "Net Energy for Load" which is the amount of energy that the balancing authority area requires internally including balancing authority area losses. The total in column (d) should equal the difference in the totals for columns (e) minus (f) on Schedule 5. The value in column (f) for the month of the annual peak demand should equal the total in column (e) in Schedule 1. Any differences must be explained in a footnote. Refer to the Form 714 instructions for specific guidelines.

Line No (a)	Month (b)	Balancing Authority Area Net Generation (MWh) (c)	Net Actual Interchange (MWh) (d)	Net Energy for Load (MWh) (c + d) (e)	Balancing Authority Area Area Load Sources at Time of Balancing Authority Area Area Monthly Peak Demand, Based on Net Energy For Load (NEL)					Monthly Minimum Demand (MW) (k)
					Output of Generating Plants (MW) (f)	Unit or Firm Purchases (MW) (g)	Unit or Firm Sales (MW) (h)	Net Non-Firm & Inadvertent (MW) (i)	Monthly Peak Demand (MW) (f+g-h+i) (j)	
1	January	11,330,755	2,289,447	13,620,202	18,647	6,579	1,854	-55	23,317	13,309
2	February	10,726,863	1,928,734	12,655,597	21,716	2,775	1,147	-43	23,301	13,274
3	March	10,654,095	1,654,988	12,309,083	18,369	4,397	1,486	-46	21,234	12,471
4	April	9,826,768	1,722,498	11,549,266	17,331	4,415	1,604	31	20,173	12,217
5	May	10,931,167	1,382,129	12,313,296	21,078	5,037	1,028	-26	25,061	12,023
6	June	11,588,999	2,098,107	13,687,106	23,306	3,928	876	-72	26,286	12,725
7	July	13,982,710	2,500,553	16,483,263	27,844	4,696	1,382	29	31,187	13,396
8	August	14,748,650	2,226,741	16,975,391	28,527	5,109	1,551	-10	32,075	14,371
9	September	11,897,675	1,849,887	13,747,562	27,405	3,514	1,268	-14	29,637	12,509
10	October	10,602,280	1,484,535	12,086,815	19,824	2,472	1,215	62	21,143	12,253
11	November	10,078,869	1,873,024	11,951,893	19,432	3,691	1,546	36	21,613	12,371
12	December	11,212,563	2,206,118	13,418,681	22,038	3,764	1,706	68	24,164	13,103
13	Total	137,581,394	23,216,761	160,798,155						

PART IV: FOOTNOTE DATA

Schedule Page: 4 Line No.: 1 Column: i

Part II Schedule 3 line 1 Column (i) Given the column definition (i.e., net non-firm), negative values can be required. This footnote applies to all negative values in column (i)).

Schedule Page: 4 Line No.: 8 Column: f

Part II Schedule 3 line 8 column (f) The difference between Part II Schedule 3 column (f) for August and Part II Schedule 1 column (e) is attributed to differences between metering devices aggregated over the entire system, and to small municipal generators whose output is not monitored in real time.

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Annual Electric Balancing Authority Area and Planning Area Report

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Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 4. Adjacent Balancing Authority Area Interconnections

Identify on this schedule: each adjacent balancing authority area with which the respondent balancing authority area is interconnected in column (b), all the interconnection line or bus names with the adjacent balancing authority area in column (c), and the line or bus voltage in column (d). Refer to the Form 714 instructions for specific guidelines.

Line No (a)	Name of Adjacent Balancing Authority Area (b)	Balancing Authority Area Interconnection Line or Bus Names (c)	Line or Bus Voltage (kV) (d)
1	Hydro Quebec	Chateauqay - Massena Line 7040	765
2	Hydro Quebec	Cedars Dennison 115 CDDM	115
3	ISO-NE	Rotterdam - Bear Swamp Line E205W	230
4	ISO-NE	Alps - Berkshire Line 393	345
5	ISO-NE	Whitehall - Blissville Line 7	115
6	ISO-NE	Hoosick -Bennington Line K6	115
7	ISO-NE	Plattsburgh - Grand Island Line PV20	115
8	ISO-NE	Pleasant Valley - Long Mountain Line 398	345
9	ISO-NE	Northport - Norwalk Harbor Line 1385	138
10	ISO-NE	Falls Village - Smithfield Line 690	69
11	ISO-NE	Shoreham - Shoreham CSC	345
12	Ontario IESO	Niagara - Beck Line PA301	345
13	Ontario IESO	Niagara - Beck Line PA302	345
14	Ontario IESO	Niagara - Beck Line PA27	230
15	Ontario IESO	Swan Road - Beck Line104-1	115
16	Ontario IESO	Packard - Beck Line BP76	230
17	Ontario IESO	Harper - Beck 25 Hz Line 105	115
18	Ontario IESO	Harper - Beck 25 Hz Line 106	115
19	Ontario IESO	Moses - St. Lawrence Line L33P	230
20	Ontario IESO	Moses - St. Lawrence Line L34P	230
21	PJM	Ramapo - Branchburg Line 5018	500
22	PJM	West Nyack - Closter Line 751	69
23	PJM	North Waverly - East Sayre Line 956	115
24	PJM	Hillside - East Towanda Line 70	230
25	PJM	South Ripley - Erie South Line 69	230
26	PJM	Reco Bias	14
27	PJM	Stolle Road - Homer City Line 37	345
28	PJM	Watercure - Homer City Line 30	345
29	PJM	Farragut - Hudson Line C3403	345
30	PJM	Farragut - Hudson Line B3402	345

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Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 4. Adjacent Balancing Authority Area Interconnections (continued)

Line No (a)	Name of Adjacent Balancing Authority Area (b)	Balancing Authority Area Interconnection Line or Bus Names (c)	Line or Bus Voltage (kV) (d)
1	PJM	Pearl River - Harings Corner Line 45	35
2	PJM	West Nyack - Harings Corner Line 701	69
3	PJM	Goudey - Laurel Lake Line 952	115
4	PJM	Goethals - Linden Line A2253	230
5	PJM	Blue Hill - Montvale Line 43	69
6	PJM	Blue Hill - Montvale Line 44	69
7	PJM	Pearl River - Montvale Line 491	69
8	PJM	Hillburn - South Mahwah Line 65	69
9	PJM	South Mahway - South Mahwah BK 258	345
10	PJM	Ramapo - South Mahwah Line 51	138
11	PJM	South Mahwah - Waldwick Line J3410	345
12	PJM	South Mahwah - Waldwick Line K3411	345
13	PJM	Falconer - Warren Line 171	115
14	PJM	Neptune - Duffy Ave	345
15	PJM	LINDLEY-LAWRENCEVILLE 546	35
16	PJM	LNDVFT-LIND_CG_345_VFT	345
17	PJM	HUDSONTP_345KV_HTP_LOAD	345
18	PJM	Homer C_-HOMRC_NY 47	345
19	PJM	MAINESBG MAINS_NY 47	345
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Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 5. Balancing Authority Area Scheduled and Actual Interchange

Identify on this schedule: each balancing authority area with which the respondent balancing authority area has actual or scheduled interchange of energy, in column (b); the total annual megawatthours (MWh) of the scheduled interchange that were received by the respondent balancing authority area through all interconnection points with each balancing authority area, in column (c); the MWh of scheduled interchange delivered to each balancing authority area, in column (d); the MWh of total annual actual interchange received and delivered within each adjacent balancing authority area, in columns (e) and (f). Provide totals for columns (c), (d), (e) and (f). The difference in the totals for columns (e) minus (f) should equal the total in column (d) on Schedule 3. Any difference must be explained in a footnote. Refer to the Form 714 instructions for specific guidelines.

Line No (a)	Name of Balancing Authority Area (b)	Scheduled Interchange Between Balancing Authority Area Areas (MWh)		Actual Interchange Between Adjacent Balancing Authority Area Areas (MWh)	
		Received (c)	Delivered (d)	Received (e)	Delivered (f)
1	IESO_ONTARIO HYDRO		7,653,048		7,922,689
2	PJM_INTERCONNECTION		8,994,776		8,620,685
3	ISO_NEW ENGLAND	-5,332,490		-5,351,291	
4	HYDRO QUEBEC		11,977,046		12,024,678
5					
6					
7					
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23					
24					
25					
	TOTAL	-5,332,490	28,624,870	-5,351,291	28,568,052

PART IV: FOOTNOTE DATA

Schedule Page: 6 Line No.: 3 Column: c

Part II Schedule 5 line 3 column (c) The negative values indicates exports.

Schedule Page: 6 Line No.: 3 Column: e

Part II Schedule 5 line 3 column (e) The negative value indicates exports.

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Annual Electric Balancing Authority Area and Planning Area Report

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Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data

For balancing authority areas where demand following is primarily performed by thermal generating units, the system lambda is derived from the economic dispatch function associated with automatic generation control performed at the controlling utility or pool control center. Excluding transmission losses, the fuel cost ($/hr) for a set of on-line and loaded thermal generating units (steam and gas turbines) is minimum 1/ when each unit is loaded and operating at the same incremental fuel cost ($/MWh) 2/ with the sum of the unit loadings (MW) equal to the system demand plus the net of interchange with other Balancing Authority Areas. This single incremental cost of energy is the system lambda. System lambdas are likely recalculated many times in one clock hour. However, the indicated system lambda occurring on each clock hour would be sufficient for reporting purposes. Respondents must provide the following data: the system lambda, in dollars, for each hour of the year starting with 1 a.m. January 1 as more fully described in the Form 714 instructions. In column (b) indicate the time zone and the days for which daylight savings time was observed. This schedule will have 365 rows for the report year (366 rows for a leap year).

Provide, as a footnote, an explanation describing the reason for the unavailability of system lambda information. The Commission expects that all Energy Management Systems, with proper instructions, can record the system lambda being used for economic dispatch of the balancing authority area's thermal units.

Respondents should be able to report system lambda, along with the other information reported on a Balancing Authority Area basis, that describe the operation of such areas from information that should be readily available. The Commission is not requesting Respondents to develop incremental or marginal cost (either short or long term) according to any formula. Nor is the Commission requesting "avoided cost rates" that electric utilities file with state commissions or otherwise make available for prospective qualified facilities.

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
01/01/2016	EST	10.77	10.20	9.45	9.74	8.68	9.00	7.82	6.43	9.91	8.57	8.83	7.43	7.52	7.93	8.05	8.77	10.29	17.01	17.44	15.79	10.89	9.06	7.49	10.09
01/02/2016	EST	10.35	10.24	10.15	10.23	10.06	11.37	10.65	9.72	14.29	13.61	14.81	13.35	13.35	13.35	13.35	14.48	16.62	19.66	18.94	20.50	15.74	15.69	13.30	10.71
01/03/2016	EST	6.82	6.45	6.44	6.45	6.44	7.53	5.34	7.25	11.12	13.16	12.53	13.64	13.40	12.77	13.96	15.72	19.14	29.47	28.57	27.75	23.19	21.15	15.63	14.51
01/04/2016	EST	16.00	16.07	16.16	15.69	16.86	25.37	40.99	41.37	37.79	37.91	36.19	31.08	25.55	24.76	25.00	31.42	43.57	67.40	58.50	53.27	46.12	39.61	27.62	23.46
01/05/2016	EST	20.13	17.98	17.35	17.27	20.70	32.15	46.87	50.97	49.73	45.93	38.53	26.38	18.61	17.80	17.26	19.34	41.36	62.67	44.39	41.32	28.50	21.41	11.91	15.79
01/06/2016	EST	10.43	9.69	8.85	9.31	10.43	12.51	22.19	24.65	22.34	21.01	17.19	16.50	15.66	15.39	15.16	15.06	14.41	18.21	15.69	15.72	16.66	15.67	10.75	10.42
01/07/2016	EST	13.35	13.25	11.87	12.73	12.82	16.48	32.22	22.18	23.23	22.23	22.25	22.23	22.23	22.23	22.23	22.20	19.24	22.25	22.66	22.25	22.20	21.99	18.22	15.63
01/08/2016	EST	13.47	11.68	10.87	11.37	11.04	17.47	24.74	22.18	22.82	22.61	23.43	22.32	20.61	20.44	20.10	18.70	16.70	21.74	21.19	20.77	17.12	15.63	12.98	11.95
01/09/2016	EST	5.30	4.28	2.42	2.69	2.59	4.35	4.09	7.90	10.44	13.04	13.10	13.01	12.34	11.06	10.69	10.89	10.46	15.06	15.57	14.57	13.12	10.41	8.35	6.58
01/10/2016	EST	4.71	3.44	1.63	2.18	2.28	2.59	3.56	3.77	6.21	8.41	8.37	8.41	8.40	8.62	8.86	8.85	10.39	15.16	15.74	15.47	11.22	10.00	8.42	6.03
01/11/2016	EST	6.43	5.69	5.50	6.22	6.32	10.35	17.43	17.85	21.43	21.36	17.65	22.38	20.88	19.87	19.64	20.38	22.26	20.45	20.98	21.18	21.53	22.34	17.85	16.41
01/12/2016	EST	15.71	15.03	12.23	14.76	12.82	15.74	23.05	22.30	22.32	22.32	22.25	20.83	18.16	16.69	17.02	15.71	19.45	24.57	25.19	22.41	22.27	17.99	11.88	14.31
01/13/2016	EST	7.73	6.13	5.89	6.12	6.46	7.05	18.91	18.49	21.54	20.22	20.33	20.87	15.99	15.69	15.46	15.97	18.07	24.24	25.24	24.75	22.34	20.28	15.79	13.84
01/14/2016	EST	15.62	14.03	13.34	14.43	14.61	14.43	27.12	24.09	22.40	22.27	22.27	22.23	17.94	17.80	18.35	18.95	21.44	24.50	24.94	26.59	21.83	20.62	15.59	14.56
01/15/2016	EST	11.46	9.66	8.26	8.35	9.84	9.94	17.22	19.05	18.54	19.61	18.95	18.64	16.74	15.63	14.78	14.62	15.61	19.00	17.62	17.23	15.89	14.11	11.19	9.46
01/16/2016	EST	6.97	6.92	6.42	6.62	6.54	7.29	6.46	8.61	11.50	15.43	15.64	14.88	15.17	14.80	12.99	13.32	14.69	16.40	15.75	15.09	14.39	12.34	9.62	7.46
01/17/2016	EST	8.66	9.28	7.13	7.17	8.10	9.79	11.34	9.24	14.16	15.66	15.67	15.67	15.71	15.64	15.64	16.44	18.08	30.86	30.19	29.54	26.32	19.67	15.68	16.52
01/18/2016	EST	15.63	14.66	12.40	12.47	13.23	15.69	23.22	20.00	20.85	18.49	18.70	17.64	17.03	15.82	15.80	15.72	15.53	20.28	22.33	22.74	20.58	18.00	15.66	16.48
01/19/2016	EST	15.41	12.54	10.20	10.11	12.03	14.98	20.50	15.72	15.14	15.71	10.98	10.99	11.11	9.20	9.52	9.35	11.05	17.51	18.06	15.92	15.40	15.73	12.20	12.12
01/20/2016	EST	15.73	14.63	13.31	13.53	13.95	17.64	23.97	18.48	21.27	19.76	19.69	19.90	19.88	19.14	19.08	19.18	18.90	21.25	22.67	21.85	21.46	19.75	17.13	15.52
01/21/2016	EST	16.26	14.70	13.58	13.58	14.43	16.54	27.49	21.75	22.23	20.88	22.33	21.37	20.38	19.86	19.43	19.90	19.86	24.44	24.87	22.68	22.05	19.80	15.37	15.75
01/22/2016	EST	18.98	17.67	15.73	15.78	18.18	21.46	30.43	26.71	26.87	27.24	27.60	29.04	29.15	26.79	25.48	25.80	23.18	27.15	27.91	25.82	23.77	22.70	19.82	19.41
01/23/2016	EST	22.40	22.71	21.56	22.60	21.84	23.32	24.14	21.63	25.03	25.41	26.39	26.46	26.53	23.57	22.52	22.68	22.58	28.50	28.58	27.07	24.68	24.29	23.43	19.30
01/24/2016	EST	30.41	28.63	27.51	27.22	25.51	27.14	28.54	20.06	26.30	25.58	25.16	25.34	25.29	23.21	22.05	21.79	24.42	28.93	30.45	29.50	27.32	24.76	21.84	17.06
01/25/2016	EST	33.62	29.62	28.25	28.25	28.35	32.54	42.13	35.32	39.61	39.61	41.18	39.06	35.88	32.34	30.66	29.21	29.52	45.97	45.16	35.37	31.65	27.25	26.65	18.01

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
01/26/2016	EST	26.85	25.28	24.59	24.34	23.80	28.02	30.39	28.77	24.39	20.01	19.85	23.44	23.56	21.46	20.96	20.97	19.65	18.43	19.92	19.18	22.67	22.31	20.65	18.37
01/27/2016	EST	16.26	13.73	13.65	13.74	14.78	18.47	21.21	21.88	22.75	22.73	24.21	22.57	22.78	22.52	22.60	22.48	24.19	30.70	34.43	30.62	28.36	24.96	22.68	21.07
01/28/2016	EST	20.36	16.61	15.25	15.32	15.89	21.69	25.71	23.53	23.03	23.13	23.62	22.13	23.79	22.45	22.27	22.25	23.57	31.04	32.51	25.07	24.01	23.95	21.64	18.64
01/29/2016	EST	19.49	17.09	15.75	16.83	18.01	20.47	24.83	23.94	24.39	24.30	24.35	23.53	22.68	22.40	21.51	21.16	22.63	27.11	27.14	26.07	24.16	22.18	20.04	19.65
01/30/2016	EST	20.18	19.13	18.04	17.31	17.24	18.63	15.23	18.04	22.07	23.99	24.03	23.58	22.25	19.85	18.78	19.20	19.43	19.99	21.03	19.96	21.67	20.25	16.93	14.84
01/31/2016	EST	20.72	19.20	16.20	15.80	15.78	16.91	12.88	14.66	16.76	19.29	19.94	19.50	19.43	18.85	18.62	18.87	21.81	27.69	27.17	23.83	21.52	18.85	17.17	15.20
02/01/2016	EST	12.26	10.19	10.08	9.68	10.77	12.46	16.43	20.25	22.07	22.10	22.20	22.44	21.51	21.01	19.95	19.97	23.59	30.99	29.73	26.11	23.27	21.32	18.85	15.97
02/02/2016	EST	15.49	12.85	10.70	10.77	11.98	15.85	21.05	24.35	22.21	22.14	21.90	21.09	19.57	19.36	18.32	18.13	20.63	27.26	25.65	22.89	20.51	18.44	16.33	11.94
02/03/2016	EST	9.70	8.30	6.71	6.78	7.21	9.70	15.90	19.37	19.14	19.43	19.34	18.14	16.84	16.57	16.20	16.18	17.79	21.09	20.90	19.82	18.22	16.49	15.04	10.39
02/04/2016	EST	7.04	6.04	5.33	5.31	5.71	8.01	12.53	15.86	16.39	16.62	12.83	12.15	12.74	14.30	14.30	14.84	19.07	22.30	22.84	22.40	20.58	19.07	16.08	14.23
02/05/2016	EST	12.55	9.58	8.20	8.33	9.29	12.58	18.07	18.23	18.49	19.31	17.43	16.56	16.07	16.21	15.21	15.12	16.99	20.06	20.05	20.00	19.13	16.64	14.67	12.56
02/06/2016	EST	13.54	10.96	7.71	8.36	8.77	9.46	11.28	12.60	13.97	15.26	15.35	14.34	13.05	12.95	12.18	12.04	13.20	14.71	14.78	13.27	12.89	13.08	10.07	9.69
02/07/2016	EST	8.55	6.86	5.29	6.42	6.42	6.42	8.23	10.79	12.56	14.29	15.01	15.13	15.72	14.27	14.25	14.50	15.99	17.38	18.90	17.17	16.72	15.34	12.64	10.06
02/08/2016	EST	9.12	8.64	7.52	7.54	8.29	12.57	19.21	20.72	21.40	21.48	21.40	20.33	18.41	19.99	17.04	17.07	20.05	21.98	22.53	22.15	20.35	18.27	14.68	13.37
02/09/2016	EST	12.56	10.59	8.80	9.69	10.42	14.31	22.04	21.21	21.26	21.32	20.09	19.91	18.50	17.89	17.19	17.12	20.36	22.23	24.90	22.78	20.80	17.70	15.24	14.77
02/10/2016	EST	12.34	9.43	9.26	9.38	9.25	12.27	19.11	20.84	20.72	19.80	19.94	19.90	18.73	18.87	17.32	18.06	19.99	23.98	26.78	22.73	20.34	19.94	17.13	13.37
02/11/2016	EST	11.23	11.20	9.68	9.39	10.46	16.96	23.84	23.66	23.10	22.19	19.52	19.80	17.54	15.19	13.16	12.46	15.29	19.79	20.83	20.65	19.69	19.96	19.59	16.76
02/12/2016	EST	13.59	12.64	11.42	11.41	12.41	18.61	25.42	26.12	24.85	22.06	21.86	19.64	19.00	17.04	16.63	15.65	18.96	23.31	25.86	22.51	22.15	20.14	19.94	13.39
02/13/2016	EST	21.40	20.54	17.80	17.52	18.49	20.80	20.95	22.82	29.32	35.95	31.92	26.22	22.98	20.76	20.04	19.77	28.03	40.80	47.20	43.99	37.25	32.05	27.53	24.22
02/14/2016	EST	31.03	29.36	27.36	28.14	28.03	35.77	38.47	40.32	46.58	43.20	37.25	28.46	25.00	24.60	23.15	23.53	24.71	43.78	51.33	48.97	43.95	33.26	26.94	24.51
02/15/2016	EST	25.38	24.85	24.72	27.61	30.77	38.79	48.98	53.10	53.62	36.36	32.06	24.30	20.46	19.98	19.07	19.19	21.06	31.27	38.30	32.76	26.55	18.56	18.35	14.01
02/16/2016	EST	16.46	16.00	14.99	15.19	16.72	20.55	28.26	23.36	25.33	22.12	21.09	19.38	20.61	18.77	19.07	19.20	21.33	23.93	26.06	25.34	21.68	15.30	14.56	10.79
02/17/2016	EST	17.66	14.86	13.21	13.77	14.41	16.32	21.52	20.76	22.83	20.74	20.27	20.59	19.65	19.78	18.14	17.50	19.73	22.80	25.03	25.35	23.34	19.94	15.97	15.04
02/18/2016	EST	21.36	20.72	19.46	19.77	20.55	21.91	28.54	29.92	29.87	28.19	27.66	26.58	23.70	23.28	23.51	22.68	22.50	25.72	33.23	31.11	27.47	28.60	22.49	23.68
02/19/2016	EST	22.26	19.76	18.13	18.32	18.77	20.23	26.03	21.91	21.24	20.87	18.18	17.46	15.57	15.23	14.52	12.50	13.66	13.81	17.09	16.26	11.97	11.05	12.34	13.36
02/20/2016	EST	6.64	6.45	5.36	5.68	6.41	6.46	7.25	8.14	8.64	10.03	10.03	10.04	9.29	8.69	8.75	8.14	9.74	9.81	12.30	11.34	9.46	9.71	8.13	7.37
02/21/2016	EST	5.10	4.69	4.74	4.86	4.88	5.33	5.38	5.94	7.32	9.33	10.23	10.18	9.34	8.53	8.63	7.86	8.55	11.40	14.66	11.53	9.44	9.55	7.66	6.44
02/22/2016	EST	8.70	8.59	6.55	6.78	8.56	12.92	18.37	19.73	21.05	21.35	21.47	20.11	19.35	17.38	16.69	16.92	19.30	19.65	24.52	25.21	23.25	20.66	17.41	16.56
02/23/2016	EST	16.43	14.86	12.74	13.63	14.06	16.45	25.11	23.42	24.62	20.42	19.74	19.87	16.24	15.15	14.72	15.24	19.97	19.68	19.11	22.65	20.08	18.57	15.69	16.86
02/24/2016	EST	6.56	6.33	5.51	6.32	6.43	7.79	18.36	16.40	19.47	13.64	12.48	11.94	12.07	12.29	12.35	12.78	12.93	12.82	18.11	19.78	16.88	14.86	12.60	9.11
02/25/2016	EST	5.30	5.32	4.39	4.52	5.32	5.70	13.49	13.61	14.35	14.30	12.52	12.58	12.58	12.56	12.09	12.16	12.68	12.27	11.84	12.09	12.70	12.69	11.71	6.54
02/26/2016	EST	6.48	6.47	6.49	6.49	6.49	8.28	18.00	17.96	15.95	19.50	17.92	16.60	15.15	14.64	13.66	13.02	14.62	19.40	23.46	23.15	19.45	17.31	15.55	15.72
02/27/2016	EST	12.12	10.03	7.81	6.63	6.79	9.96	14.27	10.14	13.50	13.86	12.95	11.42	9.29	8.47	7.05	7.08	6.61	8.16	10.42	10.48	8.36	7.80	6.93	6.49
02/28/2016	EST	3.53	3.26	3.31	3.27	3.25	4.25	5.15	8.08	7.83	8.42	9.81	8.70	7.54	7.84	7.97	7.93	7.63	6.50	10.88	9.04	6.94	7.12	7.23	5.26
02/29/2016	EST	4.51	4.19	4.27	4.38	3.80	4.43	9.59	10.83	12.07	12.70	12.73	12.73	12.72	12.73	12.73	12.72	15.85	18.11	21.88	21.75	17.67	11.96	9.73	8.57
03/01/2016	EST	6.48	5.74	5.77	5.26	5.71	11.02	18.93	20.65	21.81	22.39	22.62	21.47	21.06	20.38	19.87	19.63	20.78	21.11	24.52	24.76	19.87	16.66	12.54	10.61

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
03/02/2016	EST	4.25	4.23	4.43	5.14	5.14	7.99	15.87	16.28	17.63	17.82	18.76	18.46	17.06	16.31	15.95	13.50	18.02	21.52	26.81	23.15	20.30	17.89	16.09	13.64
03/03/2016	EST	15.15	15.57	14.16	14.17	16.04	19.88	26.72	26.79	26.73	26.23	27.57	26.03	23.57	22.32	21.88	21.73	22.65	27.77	39.85	34.23	27.67	24.13	21.14	18.77
03/04/2016	EST	14.20	13.66	13.63	13.63	13.66	17.77	31.61	29.26	21.04	20.39	20.70	19.83	23.12	21.02	20.37	19.87	19.80	22.16	26.98	27.34	22.53	19.93	18.19	16.00
03/05/2016	EST	15.88	14.46	11.70	11.96	12.46	15.62	19.98	19.77	21.89	22.83	23.44	22.01	20.51	19.11	17.84	17.62	17.78	21.10	24.23	24.16	22.13	19.42	18.32	15.62
03/06/2016	EST	15.35	15.50	13.23	13.06	13.96	14.80	15.05	13.76	15.92	15.37	15.24	14.35	13.57	11.83	13.00	12.89	13.03	18.49	27.77	24.08	20.16	16.94	11.86	12.16
03/07/2016	EST	5.15	5.17	4.65	4.69	5.17	5.18	13.21	13.48	15.63	16.03	17.33	15.79	13.79	12.12	12.02	10.62	12.18	12.60	19.57	19.77	19.67	16.23	10.61	9.86
03/08/2016	EST	8.45	5.34	5.25	5.25	5.34	8.23	17.03	17.93	19.07	19.62	20.44	19.76	17.58	16.56	15.14	11.64	11.61	10.63	17.55	20.51	15.34	13.47	8.28	9.67
03/09/2016	EST	5.64	5.34	4.66	4.90	5.28	7.79	13.35	12.15	9.80	12.15	10.91	12.18	11.72	11.16	9.83	8.69	10.88	12.13	18.73	19.48	14.91	9.84	5.31	5.33
03/10/2016	EST	2.87	2.32	2.07	2.33	2.60	4.70	13.17	13.15	12.14	13.82	16.29	15.92	12.14	12.15	9.83	10.55	12.13	12.91	17.66	16.98	13.51	10.69	5.78	5.17
03/11/2016	EST	2.66	2.11	1.73	1.43	2.20	2.92	9.83	9.92	9.48	11.02	11.83	11.16	8.77	8.36	7.16	7.04	7.01	10.92	15.67	13.12	10.82	6.81	5.20	3.74
03/12/2016	EST	1.04	1.06	1.03	1.02	1.02	1.03	1.73	2.83	4.97	5.25	4.29	3.52	3.83	3.54	2.69	2.57	2.41	3.30	4.75	4.24	3.61	3.11	2.71	0.90
03/13/2016	EST	1.02	1.02	1.03	1.04	1.03	2.15	3.11	4.04	6.22	6.46	6.45	6.26	5.31	4.26	4.38	4.84	6.46	7.89	12.58	7.06	5.33	3.26	1.08	0.76
03/14/2016	EST	0.50	0.26	0.42	1.02	0.79	6.32	13.51	12.77	13.34	13.85	13.31	13.65	11.60	10.62	10.24	10.64	11.31	13.46	20.73	15.93	11.80	7.67	2.70	2.26
03/15/2016	EST	1.03	1.03	1.03	1.03	1.18	11.22	14.44	12.25	15.78	17.01	14.14	10.54	10.35	10.61	11.14	11.78	12.14	15.60	20.73	18.42	12.13	9.59	4.37	1.02
03/16/2016	EST	1.02	1.02	1.02	1.05	1.30	6.67	10.26	10.31	10.71	10.61	9.55	8.24	7.18	7.31	7.30	6.67	7.78	8.79	12.14	9.95	5.87	3.26	1.08	0.10
03/17/2016	EST	0.25	0.35	0.52	0.35	1.06	6.40	16.33	14.64	14.70	15.89	13.82	12.18	12.19	10.55	10.53	9.54	11.59	12.15	17.88	15.90	12.15	9.42	5.19	0.10
03/18/2016	EST	0.24	0.11	0.11	0.44	0.67	10.68	16.21	15.92	14.22	15.73	13.66	12.79	12.18	11.95	10.59	10.23	9.08	11.41	13.76	12.15	9.84	8.28	4.15	1.71
03/19/2016	EST	1.83	2.10	1.92	2.50	2.77	5.17	3.24	5.41	8.10	7.50	5.41	5.41	5.23	4.05	3.65	4.53	4.77	5.42	6.51	7.35	6.76	3.99	3.25	1.68
03/20/2016	EST	0.99	0.99	1.08	2.45	2.62	4.13	2.41	5.17	6.41	6.38	6.43	5.93	6.18	5.41	5.40	6.24	7.29	11.04	15.07	13.77	8.26	5.39	4.70	1.14
03/21/2016	EST	0.91	1.03	2.05	2.90	3.25	19.06	19.01	17.58	13.12	13.61	12.03	11.47	9.24	10.12	8.38	8.20	11.19	12.55	15.98	16.12	12.16	10.59	5.01	2.71
03/22/2016	EST	3.12	3.25	3.41	3.29	5.08	17.23	15.06	15.49	14.71	14.76	13.50	12.19	12.18	12.16	10.93	12.05	12.14	12.54	14.46	12.14	11.74	6.64	3.28	0.10
03/23/2016	EST	0.10	0.10	0.10	0.10	1.66	13.09	13.25	15.33	18.50	17.51	15.28	15.04	14.35	14.33	14.01	13.28	13.99	14.58	19.10	17.70	14.58	12.99	5.80	0.66
03/24/2016	EST	0.37	0.21	0.11	0.52	1.82	9.27	12.33	14.79	15.26	15.20	14.19	12.32	12.18	11.55	11.25	11.07	11.02	11.47	12.02	11.19	5.84	4.28	1.04	0.11
03/25/2016	EST	0.10	0.10	0.10	0.10	0.28	3.28	8.52	13.02	15.15	15.01	14.99	12.40	12.28	10.92	8.79	8.57	8.97	12.21	17.10	16.77	13.52	12.21	5.42	0.60
03/26/2016	EST	0.33	0.29	0.87	1.04	3.25	6.19	5.41	9.10	11.44	11.41	9.09	9.07	7.67	6.68	5.84	5.41	5.41	7.35	9.40	8.70	8.17	4.95	3.25	0.10
03/27/2016	EST	0.10	0.10	0.10	0.10	0.10	1.21	3.25	3.69	5.40	5.42	5.41	5.32	3.53	3.82	3.83	3.60	3.24	4.57	5.42	6.38	3.34	1.87	0.59	0.01
03/28/2016	EST	0.02	0.01	0.01	0.10	0.30	3.25	7.09	12.14	14.83	13.27	12.82	12.40	12.67	12.18	9.53	11.77	10.47	11.48	12.65	13.97	12.18	3.43	2.93	0.10
03/29/2016	EST	0.11	0.10	0.22	0.22	0.46	5.43	10.36	12.94	14.81	14.73	15.11	12.88	12.19	12.19	11.32	16.35	15.90	18.97	20.70	20.18	17.58	14.13	12.90	7.30
03/30/2016	EST	7.91	7.09	9.35	11.31	5.59	20.40	23.05	19.88	21.20	22.12	20.57	17.89	17.84	17.07	14.22	16.94	15.46	11.31	12.05	11.79	10.59	5.61	2.73	0.10
03/31/2016	EST	0.10	0.10	0.10	0.10	1.13	10.99	11.89	13.03	14.30	17.18	14.64	14.53	13.87	11.97	10.53	9.07	12.83	14.90	16.66	17.08	13.89	9.60	1.91	1.17
04/01/2016	EST	1.07	1.07	1.19	1.69	4.01	9.84	13.00	15.71	18.11	19.83	17.54	15.93	13.70	10.30	7.78	7.89	9.60	10.68	13.52	13.87	12.17	11.68	7.00	0.59
04/02/2016	EST	0.45	0.59	0.50	0.87	0.96	5.14	4.36	10.62	10.68	10.64	9.02	8.24	7.40	4.90	4.42	4.83	7.37	6.49	7.94	10.49	9.67	8.78	5.45	3.10
04/03/2016	EST	3.24	3.11	2.79	2.20	2.85	3.90	3.83	5.31	5.10	5.27	4.95	5.23	4.24	3.85	4.15	6.43	6.19	10.63	9.67	16.39	11.18	10.60	8.94	5.37
04/04/2016	EST	5.15	5.14	5.19	5.73	10.68	23.59	22.43	22.02	20.29	30.40	20.79	20.08	17.81	16.17	17.62	17.62	18.79	21.00	28.75	32.28	21.10	19.46	12.64	20.48
04/05/2016	EST	17.38	17.63	19.16	20.96	23.74	34.85	33.94	32.22	32.61	29.59	29.96	21.34	21.59	18.88	18.35	18.76	16.38	19.25	28.10	33.67	23.01	22.41	16.45	16.21
04/06/2016	EST	15.03	14.89	15.84	18.60	23.58	35.44	26.36	27.43	22.89	24.39	18.65	15.07	14.21	10.68	12.99	10.89	10.64	10.64	16.87	19.89	14.87	10.63	7.53	3.17

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
04/07/2016	EST	3.18	1.07	3.27	3.28	5.21	21.47	13.44	15.46	15.66	18.61	19.10	17.25	17.27	17.20	17.42	18.18	17.33	17.88	21.55	22.59	19.22	15.26	11.67	6.95
04/08/2016	EST	7.60	5.40	7.42	9.69	13.41	22.97	19.24	20.38	22.29	25.20	24.56	21.11	19.84	19.52	16.44	16.89	15.62	17.47	19.59	20.72	20.51	18.87	16.95	17.81
04/09/2016	EST	19.58	16.63	16.62	19.66	21.22	13.20	15.21	20.11	25.91	27.52	27.47	25.63	23.04	18.82	16.37	18.02	18.55	19.58	23.62	27.98	25.83	21.57	13.16	12.03
04/10/2016	EST	12.65	12.69	12.70	13.23	13.51	15.07	13.75	18.30	19.31	19.22	18.66	16.51	15.88	14.13	13.23	14.18	16.65	18.70	28.11	33.73	29.77	24.63	25.42	18.71
04/11/2016	EST	17.59	17.12	17.26	18.48	23.75	29.83	25.38	28.89	31.93	31.94	31.85	29.30	29.25	26.66	24.02	27.12	24.98	25.81	27.98	34.00	29.06	23.72	21.42	22.03
04/12/2016	EST	21.37	20.26	20.18	20.63	22.39	28.31	28.69	31.44	32.49	30.52	30.42	29.10	27.52	26.04	26.25	25.20	26.71	28.21	31.34	33.91	25.83	22.10	21.66	21.30
04/13/2016	EST	20.70	20.36	19.95	21.10	22.50	31.03	32.48	32.12	31.48	31.97	32.03	31.38	29.62	27.37	26.19	25.84	26.91	27.55	33.32	35.12	29.18	23.23	21.06	22.39
04/14/2016	EST	21.07	20.51	21.27	21.45	23.22	33.94	31.93	32.56	33.24	33.73	31.38	28.40	27.33	26.27	24.80	24.60	24.67	24.43	28.84	33.07	27.50	23.49	22.13	21.61
04/15/2016	EST	20.61	20.00	20.01	20.80	23.12	31.84	31.53	30.67	30.56	30.74	28.66	27.14	25.81	25.16	24.27	24.04	24.13	24.39	27.75	32.01	27.16	23.73	23.07	23.73
04/16/2016	EST	22.57	20.91	20.43	20.46	21.42	20.47	20.70	24.67	26.29	25.89	25.27	24.10	21.90	20.89	20.45	21.39	20.99	21.23	24.82	27.16	23.87	20.09	16.15	19.40
04/17/2016	EST	16.23	15.66	15.08	16.43	16.63	16.43	14.00	19.50	20.63	21.31	21.64	19.80	18.80	16.79	15.58	16.47	19.27	22.00	26.08	31.25	24.28	19.50	18.14	19.60
04/18/2016	EST	16.94	16.78	16.24	17.81	20.46	27.34	28.57	29.62	29.58	31.11	30.39	29.99	29.16	28.53	27.78	26.71	27.21	27.40	32.12	35.28	28.08	22.35	20.43	22.18
04/19/2016	EST	19.64	18.90	18.88	19.24	22.22	28.88	31.39	33.11	32.46	35.77	36.65	33.09	31.92	31.44	30.33	8.03	7.95	8.02	7.47	7.08	17.32	24.65	21.68	19.04
04/20/2016	EST	17.58	16.62	16.36	18.56	20.45	25.95	28.62	29.92	31.42	35.06	35.69	33.54	31.29	30.15	29.14	28.18	28.22	27.54	30.25	34.63	27.02	22.97	20.03	16.76
04/21/2016	EST	14.39	14.10	13.54	14.51	15.23	24.78	23.92	20.37	21.47	24.53	27.34	27.75	26.23	24.77	23.05	21.53	23.39	20.61	21.44	27.59	21.91	19.51	15.21	14.31
04/22/2016	EST	12.90	12.43	11.31	12.26	14.41	21.57	20.86	19.76	21.72	25.15	25.58	22.77	19.54	19.62	15.63	15.27	19.54	19.00	20.41	24.45	18.28	16.19	13.93	19.23
04/23/2016	EST	20.39	19.39	18.26	18.24	18.11	20.40	19.25	22.88	25.65	29.54	26.79	25.52	23.89	21.34	21.11	22.46	22.82	23.33	28.36	33.22	27.66	23.19	21.97	23.68
04/24/2016	EST	22.55	20.28	20.45	19.25	20.50	20.21	21.15	23.54	24.89	28.08	26.06	25.26	24.45	22.64	22.20	22.56	24.10	24.43	29.32	36.49	26.57	21.48	21.32	19.27
04/25/2016	EST	17.26	16.09	15.69	16.06	19.16	26.74	28.32	29.35	31.50	34.52	33.98	30.82	29.96	25.42	25.32	24.80	27.66	26.99	29.35	34.30	25.56	22.18	18.94	16.46
04/26/2016	EST	14.06	13.53	12.99	13.89	17.11	26.08	27.84	26.16	28.46	28.34	28.48	25.31	26.25	25.14	23.60	24.81	25.82	24.41	27.82	32.97	24.15	20.69	17.17	14.01
04/27/2016	EST	13.71	12.67	12.72	13.09	16.00	26.40	25.57	25.96	23.82	22.25	20.17	20.10	20.01	19.08	17.35	18.27	19.19	18.93	20.36	21.91	20.95	16.04	12.90	12.64
04/28/2016	EST	11.94	11.32	11.41	12.60	14.65	25.43	22.07	24.07	20.11	21.05	19.12	19.98	19.81	19.54	15.52	16.23	16.52	17.05	19.05	21.66	17.71	14.89	12.75	14.36
04/29/2016	EST	12.58	12.45	14.73	14.94	16.83	23.48	24.81	26.18	26.15	28.13	26.77	25.92	25.64	24.40	21.38	20.03	18.66	18.66	20.29	22.84	21.83	17.96	18.69	14.65
04/30/2016	EST	12.50	11.27	11.42	12.27	17.05	16.82	13.99	19.26	19.60	19.40	19.21	18.95	16.04	14.47	13.60	13.55	15.73	15.05	16.71	19.16	17.90	14.79	14.83	19.15
05/01/2016	EST	15.23	12.77	13.20	15.01	16.05	13.51	12.73	16.04	21.27	21.35	22.53	18.73	16.39	15.13	14.69	17.41	17.90	18.51	19.88	23.49	18.65	15.43	15.31	16.14
05/02/2016	EST	14.61	12.73	12.62	13.81	16.14	21.87	25.84	28.46	28.56	30.59	29.54	28.10	26.88	25.29	24.31	25.21	25.59	23.52	24.95	30.23	21.99	18.98	18.44	17.67
05/03/2016	EST	15.94	15.01	14.31	15.17	17.63	23.96	25.39	27.35	28.25	30.06	30.98	29.20	28.22	26.03	24.40	24.22	25.27	24.24	25.67	29.70	23.45	20.22	18.26	18.70
05/04/2016	EST	17.67	16.42	15.95	16.60	19.45	23.96	24.66	27.86	27.53	30.16	30.56	28.53	26.75	24.65	24.21	23.78	25.11	24.17	25.96	29.76	23.18	19.39	18.15	18.56
05/05/2016	EST	17.87	16.60	16.33	15.96	18.89	24.79	23.83	27.34	25.92	27.34	26.49	24.09	23.54	22.46	21.30	21.21	22.14	22.36	21.99	28.04	21.23	18.31	17.80	19.47
05/06/2016	EST	15.84	14.37	14.06	15.68	18.56	23.04	22.86	23.51	25.48	25.36	23.63	22.35	21.55	20.07	19.41	18.97	19.07	18.41	19.40	21.23	18.39	17.63	15.92	19.16
05/07/2016	EST	14.29	13.61	13.36	14.07	14.18	14.39	13.39	16.52	18.71	19.73	20.27	17.87	15.90	14.95	14.92	15.17	15.48	14.86	16.37	18.63	16.27	14.52	14.62	8.38
05/08/2016	EST	8.03	6.68	6.50	6.67	6.71	7.32	8.72	8.30	8.37	8.39	8.40	8.39	8.14	8.31	8.43	8.19	8.40	10.59	10.57	10.57	10.74	10.57	8.36	10.55
05/09/2016	EST	8.36	6.69	8.34	8.36	10.60	12.19	12.66	12.63	12.59	12.58	12.19	10.63	10.62	10.35	10.60	10.62	10.62	11.20	12.66	13.15	12.66	12.38	10.56	10.40
05/10/2016	EST	9.31	8.09	8.77	9.63	10.55	10.57	12.46	12.54	13.17	14.79	13.81	12.64	12.58	12.56	12.52	12.54	12.52	12.46	12.71	15.43	12.59	10.56	10.40	7.31
05/11/2016	EST	7.31	6.58	7.15	7.31	8.68	12.54	14.64	15.19	15.51	18.43	17.71	17.71	18.06	16.38	15.09	15.22	14.14	12.62	12.46	13.50	12.68	9.70	7.89	8.58
05/12/2016	EST	7.32	6.43	6.62	7.33	7.96	12.16	14.45	15.87	17.05	18.85	18.89	18.79	19.53	19.42	18.20	19.01	19.43	15.51	15.26	17.81	15.08	12.43	9.31	7.34

Federal Energy Regulatory Commission
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Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
05/13/2016	EST	5.93	5.90	5.93	5.93	6.73	11.56	14.85	17.03	18.47	18.72	19.70	18.61	18.44	17.80	14.23	15.22	14.68	14.02	13.43	14.19	14.49	12.43	9.13	6.53
05/14/2016	EST	4.87	3.45	3.61	3.89	5.61	6.58	9.44	12.43	12.67	12.50	12.59	12.50	12.54	10.57	9.16	9.04	10.57	9.01	10.58	10.76	11.16	8.71	6.68	2.63
05/15/2016	EST	1.57	0.59	0.80	1.05	1.05	2.73	2.63	5.37	5.26	5.30	5.27	4.85	3.98	3.02	2.87	3.85	4.63	3.61	4.25	5.26	5.43	3.59	2.85	4.44
05/16/2016	EST	3.77	2.46	2.73	3.27	4.04	7.14	7.14	7.48	7.59	7.41	7.41	7.38	7.38	6.65	5.69	5.46	7.21	7.39	7.75	10.62	10.13	8.33	5.43	5.07
05/17/2016	EST	3.99	3.49	3.60	4.91	7.44	11.92	12.44	12.52	12.54	10.63	10.62	10.62	10.63	10.63	10.64	10.64	10.67	12.62	12.79	13.76	13.28	10.59	10.19	4.60
05/18/2016	EST	4.22	3.45	3.49	4.76	5.86	11.67	12.54	13.38	12.81	12.82	12.69	12.69	11.94	12.12	11.80	11.66	11.83	12.02	12.55	14.15	12.54	10.53	7.94	9.12
05/19/2016	EST	5.89	5.88	5.88	5.88	9.85	12.88	14.20	16.05	16.28	17.46	17.54	17.37	16.72	14.27	14.01	13.61	13.75	13.33	13.62	15.63	13.89	10.56	9.41	6.45
05/20/2016	EST	5.45	5.29	5.30	5.31	6.41	12.66	14.63	15.43	15.75	16.46	16.99	16.67	17.51	17.27	16.41	15.83	15.55	14.69	14.67	17.01	14.67	9.08	7.52	6.42
05/21/2016	EST	4.07	3.27	3.52	3.75	3.79	5.77	6.13	10.47	10.69	12.07	11.91	10.40	9.39	9.46	9.37	9.30	10.66	9.37	9.27	10.66	9.58	7.94	5.57	3.12
05/22/2016	EST	3.41	3.45	3.30	4.13	4.27	4.50	4.09	4.11	7.98	9.54	9.28	9.27	7.86	8.10	7.81	7.68	9.12	8.70	8.95	10.95	8.86	6.21	4.25	8.22
05/23/2016	EST	6.36	5.98	5.36	6.56	8.73	10.67	14.67	17.43	17.59	18.69	19.06	18.91	19.24	19.20	17.16	18.13	16.84	15.95	15.88	18.77	16.31	13.05	10.63	9.14
05/24/2016	EST	7.48	6.22	6.21	7.52	8.97	12.37	15.75	18.40	19.62	20.69	20.89	21.49	21.42	21.73	20.06	21.19	22.47	20.94	21.12	21.40	18.00	11.85	10.37	7.41
05/25/2016	EST	5.27	4.75	4.20	5.97	7.97	13.02	18.50	20.69	22.86	22.84	25.37	25.07	24.30	25.01	24.09	24.04	24.84	24.40	24.89	26.91	23.36	17.55	14.44	12.83
05/26/2016	EST	12.17	10.57	10.43	10.61	13.41	17.87	20.49	22.44	23.74	26.61	28.72	29.60	31.04	33.38	33.25	34.38	35.09	31.25	26.66	28.42	24.85	21.28	17.11	17.18
05/27/2016	EST	12.22	10.12	9.92	10.48	10.70	16.44	20.95	22.68	25.17	26.94	29.89	32.45	34.67	38.08	42.75	42.45	37.52	32.42	28.40	28.30	25.85	21.07	18.06	11.95
05/28/2016	EST	9.98	9.43	8.11	9.23	9.65	10.72	11.89	17.39	20.62	24.49	26.53	27.25	28.50	27.59	25.59	27.36	29.79	26.42	24.27	25.93	24.01	18.58	14.82	12.47
05/29/2016	EST	10.58	8.57	7.17	7.22	7.23	7.40	9.63	13.31	18.11	19.79	21.09	20.84	22.66	21.57	19.62	22.12	23.49	20.47	18.57	23.39	20.27	15.80	11.70	11.96
05/30/2016	EST	8.72	8.54	6.97	7.14	7.04	8.29	6.16	10.63	15.18	18.24	19.62	19.48	19.15	19.15	18.27	24.20	24.60	22.33	22.22	24.00	21.72	17.85	15.83	17.43
05/31/2016	EST	13.36	11.84	12.10	12.29	10.58	11.82	15.17	19.27	19.88	21.28	22.05	21.50	20.78	20.90	19.36	18.62	24.83	25.00	23.92	24.74	21.31	15.99	12.80	13.65
06/01/2016	EST	11.77	11.45	10.60	11.47	13.47	16.41	19.43	21.38	23.91	25.16	26.38	28.45	30.94	33.46	35.38	33.77	30.89	26.54	24.66	24.67	22.57	19.09	17.37	15.17
06/02/2016	EST	12.87	10.94	10.63	10.28	11.00	14.64	16.37	18.64	20.14	21.29	22.77	23.22	24.89	25.48	26.48	26.53	25.48	23.10	21.88	22.62	20.44	17.19	15.38	14.94
06/03/2016	EST	13.61	12.31	12.90	12.31	14.33	17.43	19.36	20.37	22.34	23.62	25.19	25.68	26.74	26.49	26.37	27.40	26.40	24.50	24.04	23.47	20.89	18.99	17.19	17.07
06/04/2016	EST	14.07	12.54	12.85	13.12	12.99	10.94	11.89	15.96	18.69	17.57	20.56	23.08	23.08	22.51	23.44	25.70	25.37	23.47	22.39	23.56	20.47	18.09	15.36	19.08
06/05/2016	EST	13.15	10.60	10.49	10.54	10.67	9.20	9.93	11.27	16.18	17.24	19.23	20.79	20.49	19.28	19.40	20.00	21.09	21.70	21.15	24.36	23.01	18.37	15.22	16.36
06/06/2016	EST	11.11	10.64	10.61	10.64	12.00	17.42	19.13	20.85	23.08	23.52	23.72	25.67	23.89	25.15	27.20	28.21	29.51	25.98	25.95	26.09	23.91	20.39	18.99	15.81
06/07/2016	EST	10.89	10.62	10.62	10.64	11.36	17.36	17.47	18.93	20.79	22.16	22.72	24.05	21.55	20.87	19.61	22.42	23.96	21.15	21.10	21.19	20.45	17.44	15.73	11.18
06/08/2016	EST	9.01	8.06	7.54	8.21	9.50	10.76	13.45	16.56	16.55	17.87	17.75	15.68	15.79	14.31	12.38	13.02	14.74	15.53	14.66	16.29	16.10	13.12	11.61	8.25
06/09/2016	EST	6.30	6.30	6.30	6.51	7.47	10.69	11.20	14.54	14.50	14.92	16.13	14.63	14.42	14.54	13.35	12.52	13.29	15.23	14.44	15.32	13.93	11.52	10.64	7.56
06/10/2016	EST	5.39	5.39	5.44	5.59	6.45	10.62	11.49	13.62	13.45	14.42	14.27	14.58	13.98	14.99	14.17	14.89	13.37	15.22	15.13	15.34	15.42	12.41	10.99	8.01
06/11/2016	EST	5.44	4.91	4.90	4.89	4.71	4.92	6.30	10.58	12.59	13.11	14.18	14.86	14.54	14.43	14.95	16.17	16.63	16.31	15.62	15.62	15.31	12.93	10.63	4.88
06/12/2016	EST	3.26	2.89	3.64	3.92	3.94	4.65	4.80	7.20	9.76	10.64	10.68	10.68	10.68	10.64	9.23	10.81	12.92	14.47	14.48	17.35	16.44	13.71	10.64	7.53
06/13/2016	EST	5.23	5.06	4.99	5.53	5.96	11.26	16.14	18.19	19.32	20.61	20.94	21.16	22.03	22.12	22.20	22.96	22.50	21.76	20.59	20.46	18.73	16.91	14.44	8.57
06/14/2016	EST	5.92	5.92	5.92	5.93	6.36	12.54	15.54	17.57	19.07	19.63	19.72	19.11	20.03	21.87	22.32	23.28	23.64	22.75	21.41	22.47	19.37	16.74	12.58	10.56
06/15/2016	EST	7.21	5.97	5.98	6.22	6.90	12.55	16.97	18.12	20.75	22.03	23.16	24.22	25.64	27.05	27.89	28.38	31.65	27.81	24.89	25.87	22.47	20.13	15.94	13.15
06/16/2016	EST	10.57	9.60	9.41	9.63	10.58	15.16	15.45	15.72	16.60	17.67	18.65	19.37	19.18	21.36	25.92	27.24	28.47	25.55	23.61	23.64	21.82	18.90	15.13	16.21
06/17/2016	EST	14.84	12.93	13.23	13.25	14.65	16.58	18.26	18.85	20.39	21.62	23.16	24.75	25.32	26.49	27.04	27.47	25.98	24.42	22.58	22.25	21.19	18.81	17.46	17.11

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
06/18/2016	EST	15.00	12.74	12.46	12.37	11.95	11.39	13.64	16.00	18.39	20.07	22.44	23.81	25.15	25.22	26.09	27.31	25.89	25.04	23.32	23.34	21.66	19.44	17.77	19.41
06/19/2016	EST	17.03	14.01	13.43	12.97	12.78	11.70	13.99	17.88	20.12	23.68	26.75	27.37	28.59	31.30	32.64	33.85	33.18	31.02	28.65	28.78	27.58	25.29	21.53	19.98
06/20/2016	EST	18.20	17.47	16.13	15.45	15.80	16.52	20.50	22.60	26.43	28.98	32.21	34.32	37.91	43.60	47.44	51.59	44.55	38.32	32.87	32.89	30.87	26.32	24.62	22.36
06/21/2016	EST	19.89	18.04	17.46	17.38	18.51	19.87	23.68	24.61	26.36	29.25	32.60	36.74	37.54	38.15	35.83	38.17	38.24	36.48	32.81	30.77	28.03	25.11	22.14	19.80
06/22/2016	EST	13.25	12.35	11.38	11.31	12.65	16.67	21.12	22.14	23.71	25.03	26.18	27.10	30.89	31.69	33.44	34.34	32.06	29.40	27.31	27.35	24.31	21.33	19.97	15.08
06/23/2016	EST	11.43	10.89	11.21	11.44	12.19	17.84	20.06	21.26	21.87	23.56	24.34	24.51	25.94	26.16	27.16	28.02	27.09	24.92	23.65	23.52	21.32	20.31	17.74	17.32
06/24/2016	EST	15.06	12.62	12.18	12.23	12.65	17.17	19.11	20.16	21.95	23.19	24.51	26.44	28.17	29.11	30.13	30.58	30.05	26.54	24.12	22.98	21.63	21.10	19.03	20.65
06/25/2016	EST	19.46	17.62	14.88	15.38	13.96	12.61	15.63	20.08	22.06	23.56	26.03	27.35	27.98	28.68	29.55	30.20	30.12	29.20	27.59	27.89	27.03	23.40	21.06	24.00
06/26/2016	EST	21.21	19.96	18.11	16.72	14.37	13.74	16.03	21.32	22.46	24.05	27.01	28.21	29.45	31.34	34.04	38.32	38.18	32.59	30.78	29.60	28.93	25.68	23.36	22.62
06/27/2016	EST	20.37	19.66	17.86	16.78	18.17	19.40	22.31	26.12	27.99	30.60	32.78	35.90	39.62	42.74	43.95	48.92	42.24	36.28	33.93	32.29	31.15	27.53	26.05	24.12
06/28/2016	EST	21.66	20.25	18.96	19.17	19.72	20.76	23.64	25.84	27.79	28.76	30.40	31.67	34.15	33.84	35.49	38.58	34.86	31.92	29.00	30.70	28.79	24.54	22.30	21.37
06/29/2016	EST	19.27	17.87	16.18	16.15	17.82	18.66	21.60	22.79	23.73	25.30	27.70	29.25	30.68	32.17	32.35	33.22	31.12	28.18	26.80	26.68	25.78	22.59	21.17	21.89
06/30/2016	EST	19.50	17.35	15.40	15.84	17.60	19.33	21.77	23.28	24.76	25.70	28.07	29.70	32.48	34.13	35.17	37.13	35.39	32.41	29.57	28.55	26.66	23.65	22.20	21.54
07/01/2016	EST	16.88	14.95	14.49	14.65	15.23	19.13	20.77	22.60	23.33	26.72	27.91	28.72	30.93	33.02	33.54	34.51	33.08	29.68	27.74	26.85	24.84	21.74	21.44	13.61
07/02/2016	EST	10.90	10.60	10.47	10.63	9.89	10.31	13.25	17.03	17.93	19.92	21.41	22.12	23.15	23.67	22.70	23.66	24.36	24.38	23.98	22.99	22.12	19.92	16.82	14.86
07/03/2016	EST	12.10	11.29	10.60	10.60	10.60	8.98	10.68	14.38	16.81	18.75	20.83	21.72	23.07	23.66	25.07	25.74	26.45	26.42	25.21	25.09	24.07	21.18	18.42	16.49
07/04/2016	EST	14.13	12.78	11.36	11.03	10.38	10.01	12.02	16.38	18.03	20.11	23.96	25.68	26.18	26.47	26.72	28.24	28.26	27.34	26.61	26.72	25.52	21.11	19.11	19.75
07/05/2016	EST	17.34	15.32	14.24	14.34	15.63	17.38	20.14	22.85	24.12	26.59	29.39	32.57	36.30	39.15	40.31	41.16	40.45	35.79	32.92	34.38	32.81	28.89	26.42	26.16
07/06/2016	EST	22.57	19.38	17.83	18.56	18.42	20.42	24.34	27.04	29.26	32.11	34.23	36.04	39.94	42.93	45.76	49.41	45.90	40.56	36.33	35.85	33.02	29.22	25.85	30.91
07/07/2016	EST	27.54	24.47	23.71	23.44	24.21	25.61	29.32	32.62	36.69	40.47	44.73	49.30	51.36	54.12	58.79	62.73	60.11	52.91	46.37	43.28	38.56	35.64	31.55	33.26
07/08/2016	EST	29.50	24.57	23.82	24.49	25.77	25.85	29.93	34.25	36.16	41.74	48.21	49.75	53.20	52.12	56.56	56.75	55.95	48.98	42.63	40.96	37.03	35.94	30.93	25.44
07/09/2016	EST	21.84	20.20	15.72	16.13	17.87	13.41	18.29	20.99	22.30	25.77	27.50	27.95	28.67	29.29	29.82	32.25	33.95	30.72	28.03	27.65	26.12	24.85	23.03	14.72
07/10/2016	EST	12.67	12.03	10.59	9.99	9.61	8.94	11.76	13.92	15.32	15.81	18.85	19.40	20.94	21.45	22.01	22.98	24.81	24.01	22.93	23.68	21.28	20.53	18.36	15.11
07/11/2016	EST	12.59	9.67	9.50	9.34	9.53	13.75	16.90	19.97	21.12	23.61	25.79	27.22	28.95	30.70	32.12	33.59	33.42	29.74	26.93	26.15	22.75	20.58	18.05	20.31
07/12/2016	EST	18.12	14.96	14.26	14.06	13.51	18.36	20.99	22.73	25.33	29.17	31.96	33.71	37.39	41.60	45.37	47.95	46.88	39.69	34.76	32.83	29.88	25.48	22.72	21.31
07/13/2016	EST	18.74	15.63	13.89	13.59	13.91	18.65	22.52	24.89	28.01	31.17	34.14	37.34	40.80	45.77	49.57	53.09	50.28	41.94	36.50	34.49	32.85	28.65	25.04	21.73
07/14/2016	EST	19.67	17.58	15.60	15.16	15.94	18.77	23.21	24.89	28.25	31.41	34.97	39.17	41.62	45.26	45.21	47.60	46.99	41.57	36.32	34.57	31.80	26.34	22.99	23.20
07/15/2016	EST	22.87	19.33	18.43	18.81	20.19	19.89	22.79	24.96	28.43	31.05	35.18	36.43	40.19	44.19	42.16	43.63	42.97	42.10	36.34	34.81	32.90	26.43	24.74	21.59
07/16/2016	EST	16.82	14.18	13.74	14.28	13.98	14.16	18.01	20.75	22.99	27.04	30.30	32.93	34.60	36.50	34.61	34.94	36.97	35.48	32.29	30.48	28.57	25.42	23.31	16.93
07/17/2016	EST	15.15	12.64	12.59	12.52	12.36	12.28	14.95	16.72	20.86	23.15	25.73	27.15	29.78	32.32	33.30	33.63	37.00	35.00	31.74	30.75	29.47	26.11	22.81	24.46
07/18/2016	EST	18.40	14.99	15.07	15.51	17.22	19.37	23.65	25.71	27.59	30.17	35.79	36.22	40.92	42.75	44.24	44.49	45.53	42.35	38.39	36.36	32.78	27.99	25.03	22.62
07/19/2016	EST	21.01	18.12	16.97	16.46	17.97	21.47	23.33	24.29	26.66	27.70	30.34	31.39	33.22	37.15	35.09	38.08	37.10	35.27	28.98	27.27	25.46	23.85	21.94	18.78
07/20/2016	EST	16.71	15.10	13.92	13.59	14.45	16.02	20.26	21.92	24.19	25.95	27.66	27.96	30.04	31.12	33.65	37.11	33.74	31.23	28.20	27.38	24.73	21.95	19.60	19.19
07/21/2016	EST	17.66	14.32	13.53	13.50	15.02	19.01	22.13	24.29	26.42	29.69	31.48	32.94	37.70	40.76	43.02	44.76	42.14	39.19	33.84	32.55	30.26	27.61	23.81	22.67
07/22/2016	EST	20.65	17.44	16.64	16.44	17.29	20.58	25.21	27.40	31.69	36.08	40.97	44.59	49.19	51.71	52.05	56.40	54.58	49.08	43.81	41.44	35.26	31.55	27.60	27.35
07/23/2016	EST	23.52	21.83	20.96	20.64	19.29	19.70	23.03	26.86	29.81	31.98	36.59	39.60	45.08	48.46	52.29	53.47	52.10	45.79	39.94	37.57	34.74	33.58	28.12	27.00

Federal Energy Regulatory Commission
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Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
07/24/2016	EST	24.38	22.38	21.05	20.51	17.38	12.68	19.28	22.67	25.74	28.01	30.60	32.53	36.37	39.55	42.32	44.17	44.14	41.90	37.32	36.52	35.27	30.72	26.10	26.53
07/25/2016	EST	22.53	21.57	21.44	21.38	22.14	22.94	29.35	32.12	36.46	40.13	48.45	56.03	60.26	60.65	63.81	63.60	57.48	56.94	49.12	50.17	41.80	36.42	31.02	26.71
07/26/2016	EST	22.99	21.02	20.17	19.82	20.83	23.24	28.15	31.40	34.56	37.14	43.18	49.43	57.20	59.51	63.97	67.20	65.36	57.43	48.86	43.74	38.77	32.80	27.28	24.68
07/27/2016	EST	22.71	19.27	18.41	17.46	18.45	20.92	24.44	27.43	33.75	34.64	40.83	47.36	48.63	52.84	56.95	58.65	58.22	54.10	45.68	40.30	36.14	29.82	27.11	23.47
07/28/2016	EST	21.00	18.21	17.14	17.19	18.32	20.73	24.12	26.82	29.79	32.71	37.88	42.31	48.46	47.87	49.90	50.96	52.34	46.86	40.23	37.72	33.64	28.62	25.78	24.35
07/29/2016	EST	21.08	20.08	18.17	18.11	18.73	21.31	23.36	25.41	27.48	29.46	32.35	34.47	38.36	40.41	40.71	39.02	36.43	33.59	30.08	28.69	26.17	24.94	23.09	20.24
07/30/2016	EST	18.57	17.18	16.06	15.31	14.72	13.08	14.59	17.10	21.16	22.59	24.14	25.65	27.00	27.19	27.87	28.68	28.85	27.40	24.36	24.13	23.12	22.40	20.08	21.45
07/31/2016	EST	18.95	16.90	15.64	14.91	13.99	11.81	12.46	14.99	18.15	19.65	22.09	24.13	25.13	25.54	26.15	27.06	27.20	26.57	24.27	24.34	23.35	22.50	21.01	22.45
08/01/2016	EST	19.22	17.89	17.01	16.58	18.49	18.43	22.47	24.81	25.98	29.09	31.40	33.37	35.75	35.75	38.15	38.44	37.56	33.84	31.46	31.31	27.33	25.37	23.62	21.79
08/02/2016	EST	19.67	17.33	16.06	16.43	17.76	17.43	20.26	23.35	25.02	27.04	30.03	31.77	32.55	33.57	35.81	38.07	35.01	31.79	29.24	28.75	25.38	23.42	21.85	21.64
08/03/2016	EST	19.97	18.30	17.08	16.91	17.35	17.88	21.04	23.55	25.29	26.86	29.31	30.32	31.61	33.33	35.33	37.69	34.19	32.26	29.47	28.68	25.52	23.07	21.39	21.11
08/04/2016	EST	17.94	15.54	14.34	13.84	16.18	19.48	21.52	23.41	25.61	28.86	30.45	32.08	33.71	37.54	39.39	41.77	38.40	35.64	31.89	31.91	27.69	24.34	22.20	20.89
08/05/2016	EST	17.54	15.06	14.85	14.53	15.56	17.06	19.91	22.23	24.32	26.76	28.14	29.95	32.14	34.89	36.65	37.92	36.50	32.30	28.91	29.00	25.55	23.77	22.87	22.47
08/06/2016	EST	20.68	17.93	16.50	15.96	15.37	13.62	17.30	21.54	24.03	25.83	27.83	29.64	32.20	33.43	34.10	34.92	35.31	31.78	28.49	29.04	26.37	24.42	22.42	20.66
08/07/2016	EST	19.56	17.53	14.92	14.37	14.28	10.17	13.77	16.85	21.24	22.85	24.32	25.71	26.77	28.35	30.63	31.79	31.65	29.41	26.80	27.24	25.42	23.34	21.41	20.70
08/08/2016	EST	19.09	17.62	16.32	16.09	17.75	17.31	20.88	23.39	25.14	27.53	29.32	31.61	34.44	39.16	41.25	42.61	40.24	34.82	30.67	30.61	26.79	23.42	22.08	21.70
08/09/2016	EST	20.13	17.81	16.06	15.07	17.42	19.13	22.01	24.38	26.11	29.42	32.12	34.32	38.08	40.79	46.70	49.64	47.45	42.39	36.12	34.35	29.42	25.33	22.53	22.57
08/10/2016	EST	20.80	18.20	16.37	15.68	18.31	20.86	22.94	27.16	28.65	32.57	37.00	39.92	45.09	48.34	52.60	55.78	53.84	47.77	40.72	38.72	33.27	28.40	25.69	25.39
08/11/2016	EST	23.47	22.40	21.13	21.43	22.75	24.66	27.95	31.99	35.64	43.06	51.84	57.46	66.99	64.38	65.44	67.70	71.31	63.93	52.06	51.76	41.81	34.24	30.31	29.51
08/12/2016	EST	26.51	25.45	25.20	25.32	25.22	28.20	32.11	36.53	40.82	52.14	65.34	69.21	79.24	70.80	69.88	73.94	75.61	68.96	57.11	55.63	46.47	36.79	31.97	32.39
08/13/2016	EST	29.84	27.31	26.03	25.32	24.84	25.15	27.32	32.34	37.61	41.13	49.28	58.39	65.61	68.11	68.55	71.18	67.41	61.58	51.65	51.83	42.33	36.65	31.72	29.14
08/14/2016	EST	24.83	24.13	23.66	23.26	22.27	21.77	22.71	25.78	31.55	35.08	39.13	46.32	46.44	46.44	47.39	50.28	49.91	50.86	43.48	44.23	39.66	34.47	28.51	26.94
08/15/2016	EST	24.97	23.34	22.73	22.66	23.43	25.07	28.70	31.71	35.80	40.97	47.88	54.47	60.76	57.14	59.36	63.64	62.34	58.32	49.56	49.64	40.09	32.54	27.56	24.92
08/16/2016	EST	23.34	22.88	21.86	21.72	22.22	24.39	27.10	30.31	33.31	36.33	40.24	45.12	46.77	46.86	48.40	51.91	48.77	47.14	42.90	44.00	37.91	30.75	25.08	18.96
08/17/2016	EST	13.50	14.99	14.85	17.01	18.39	21.10	24.87	28.64	33.12	35.46	38.78	41.68	45.13	43.76	45.35	48.49	46.56	42.70	38.22	39.88	33.68	28.13	24.58	23.93
08/18/2016	EST	21.24	19.44	19.14	18.68	20.24	21.64	24.61	27.05	30.18	33.33	36.11	38.03	39.38	40.47	40.13	46.24	44.27	40.62	36.77	37.38	31.56	27.83	25.61	22.70
08/19/2016	EST	20.78	18.48	16.49	16.29	18.94	21.71	24.08	26.09	29.15	31.78	34.68	37.59	42.66	45.58	49.36	49.81	47.95	42.61	36.78	36.51	32.39	27.28	25.38	21.82
08/20/2016	EST	19.68	16.65	15.30	14.24	13.23	12.69	15.59	21.44	24.07	25.94	27.80	28.82	29.89	30.72	32.95	33.90	34.04	32.35	30.12	29.58	27.67	24.49	22.36	18.98
08/21/2016	EST	15.96	12.76	12.63	12.53	11.75	10.34	15.14	18.13	20.91	22.89	24.30	25.07	26.00	26.32	26.73	28.67	30.05	28.44	26.56	26.92	24.02	22.86	20.50	16.53
08/22/2016	EST	13.85	12.65	12.36	11.62	12.77	16.46	19.40	21.37	22.88	24.55	25.62	26.45	27.93	27.80	28.78	28.98	29.59	26.35	25.74	25.54	22.60	19.59	17.07	16.31
08/23/2016	EST	13.75	11.73	10.41	10.16	10.93	16.06	18.99	20.43	22.78	24.64	26.36	27.29	28.80	30.21	32.13	32.65	32.35	28.81	27.64	27.44	24.49	22.00	18.71	18.29
08/24/2016	EST	15.45	12.38	11.53	10.92	13.23	18.58	20.18	21.41	23.44	25.35	26.98	28.33	31.01	32.85	35.44	39.64	37.17	31.51	30.23	30.20	26.55	23.25	20.74	18.87
08/25/2016	EST	15.05	14.15	12.49	12.36	15.75	19.13	21.16	22.02	23.97	26.23	27.05	28.79	31.89	34.32	38.28	41.57	39.98	34.03	32.22	32.64	27.51	25.57	22.73	22.99
08/26/2016	EST	20.34	18.43	18.25	18.22	19.48	22.15	25.53	26.44	28.45	32.79	35.21	40.21	45.79	49.86	50.90	53.41	50.95	42.79	36.84	35.94	31.62	27.54	25.14	24.71
08/27/2016	EST	21.31	19.36	18.77	18.43	16.72	16.16	18.46	22.59	25.50	27.96	29.43	32.48	34.71	36.16	40.02	41.37	41.59	35.44	31.44	31.81	28.62	25.65	22.88	17.98
08/28/2016	EST	15.77	13.16	12.61	12.18	12.53	12.33	15.12	18.40	22.39	25.05	27.88	29.28	31.98	33.92	36.99	40.94	39.57	35.31	31.73	32.14	27.85	25.15	22.88	22.18

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
08/29/2016	EST	20.05	18.99	18.41	18.43	20.07	22.04	23.71	25.79	28.10	31.29	33.70	36.89	43.74	44.26	47.17	50.09	49.83	43.04	37.13	36.68	30.50	26.72	24.85	22.37
08/30/2016	EST	19.42	17.08	16.33	16.37	17.83	20.35	22.00	23.36	25.40	28.79	30.45	33.21	37.82	40.92	44.61	46.72	44.43	35.83	31.72	31.18	26.70	23.07	22.83	19.74
08/31/2016	EST	16.34	14.68	13.85	14.45	17.39	20.01	21.23	23.41	25.02	27.89	30.00	32.92	37.43	40.76	42.84	45.56	42.00	34.93	31.96	31.22	27.95	23.17	21.62	19.73
09/01/2016	EST	16.94	14.79	14.08	14.44	17.27	19.80	20.70	22.40	24.71	25.58	26.44	27.73	29.86	30.42	31.24	32.32	30.20	28.28	26.98	26.92	24.13	20.65	19.87	15.25
09/02/2016	EST	13.49	11.87	11.39	11.76	13.60	17.72	18.92	19.19	21.28	22.27	23.37	24.53	25.78	25.99	27.25	27.77	25.91	24.60	23.66	23.48	19.82	17.86	15.27	15.30
09/03/2016	EST	14.03	12.61	12.11	12.38	12.39	12.25	12.64	15.35	18.56	18.92	19.40	19.22	21.06	21.48	22.36	22.89	23.01	22.05	22.25	22.09	19.44	16.62	14.40	13.65
09/04/2016	EST	11.30	10.47	10.34	10.27	9.74	9.25	10.18	12.89	14.73	14.99	16.25	17.89	19.04	19.53	20.92	21.18	22.05	21.55	22.59	22.05	19.40	15.69	12.91	12.41
09/05/2016	EST	9.81	8.49	8.21	8.42	8.45	9.70	10.19	12.99	14.42	17.03	18.91	19.42	20.66	21.61	22.68	24.17	24.41	23.76	25.58	26.56	21.47	16.86	13.15	14.86
09/06/2016	EST	12.68	12.13	11.06	11.25	12.74	18.54	19.92	22.24	23.23	26.31	28.69	30.81	33.90	36.17	40.44	45.03	41.54	34.81	33.32	32.07	26.27	23.55	19.11	21.45
09/07/2016	EST	17.21	15.94	15.26	15.60	17.66	21.97	21.76	23.25	25.97	31.42	33.90	35.68	40.94	47.24	51.14	52.79	49.33	40.11	37.38	36.48	30.02	25.91	23.26	25.27
09/08/2016	EST	22.83	20.23	18.53	19.35	22.20	24.03	24.73	26.18	30.46	36.17	38.56	42.79	47.61	56.29	55.89	58.85	59.23	47.36	43.91	41.83	36.91	28.69	26.39	24.85
09/09/2016	EST	22.70	20.37	19.44	19.57	23.18	24.18	26.55	28.25	31.89	37.72	40.48	43.18	45.56	48.65	50.57	55.15	53.18	44.05	43.11	42.74	35.91	28.67	26.42	26.40
09/10/2016	EST	24.92	23.03	21.05	19.90	19.57	19.12	16.95	21.00	23.96	25.53	27.88	29.38	30.96	31.15	32.80	35.32	37.03	34.85	33.53	30.53	25.42	21.75	19.24	19.88
09/11/2016	EST	16.96	15.52	14.48	15.64	15.70	15.50	15.80	20.41	21.90	24.69	24.82	25.62	26.23	26.60	26.74	28.40	29.41	27.66	28.31	27.01	25.12	21.59	18.85	18.83
09/12/2016	EST	16.43	15.34	14.00	14.21	18.02	20.01	21.15	21.97	24.19	26.07	27.14	28.72	30.75	33.28	34.35	34.70	32.64	28.29	30.08	27.68	24.19	20.84	18.56	17.91
09/13/2016	EST	15.42	14.56	13.31	13.76	17.37	20.89	20.48	21.45	23.65	25.91	27.98	28.93	32.06	34.65	36.72	38.08	37.01	30.68	32.29	29.61	25.19	20.91	19.17	18.03
09/14/2016	EST	14.93	13.51	12.76	13.19	16.06	21.71	22.11	22.92	24.99	28.92	30.49	33.24	35.87	36.24	37.57	38.04	35.07	31.89	34.25	29.93	26.44	23.39	22.24	15.52
09/15/2016	EST	14.54	14.01	12.34	12.62	15.22	19.70	19.87	20.82	22.77	24.07	25.49	25.69	26.31	27.15	27.88	28.35	27.36	25.69	26.80	24.99	20.82	17.68	15.67	16.25
09/16/2016	EST	14.38	13.17	11.71	12.64	14.80	19.67	18.94	20.11	21.80	23.14	24.36	24.76	25.41	25.45	26.66	27.49	26.02	24.93	25.41	23.58	19.26	17.82	15.27	15.21
09/17/2016	EST	13.62	12.65	12.49	12.59	12.01	14.00	14.81	17.45	19.65	20.50	21.77	22.29	23.10	23.66	24.62	26.16	25.89	23.83	26.34	24.04	20.64	18.51	17.37	13.34
09/18/2016	EST	13.46	13.44	12.72	13.13	13.20	13.31	15.03	17.01	20.68	21.80	23.14	25.82	28.43	28.28	29.90	32.90	32.99	29.21	34.55	31.16	26.34	20.96	18.68	20.15
09/19/2016	EST	18.62	17.31	16.23	16.27	19.05	21.51	22.92	23.86	26.73	29.70	31.39	33.60	36.80	34.65	36.81	40.08	35.22	32.17	37.25	33.12	26.05	23.17	21.38	19.82
09/20/2016	EST	18.56	17.27	16.22	16.45	18.97	22.31	23.14	25.07	26.75	30.62	33.09	32.98	35.95	39.51	46.15	48.13	46.00	39.76	40.85	35.61	28.14	24.29	22.60	22.69
09/21/2016	EST	21.09	19.72	18.54	18.89	20.98	23.67	24.38	26.39	29.35	32.83	33.24	35.25	39.12	41.56	45.12	52.35	46.29	39.49	43.57	34.80	28.24	23.23	22.62	18.95
09/22/2016	EST	16.56	15.03	13.69	14.22	17.31	22.69	22.11	23.61	25.94	28.40	29.55	32.75	35.69	37.53	42.68	46.39	45.41	37.97	40.47	33.09	27.81	21.80	20.99	18.77
09/23/2016	EST	16.46	14.35	13.52	13.84	17.66	21.61	21.57	23.22	24.78	25.90	26.83	28.86	31.40	32.68	33.69	37.61	36.12	31.09	34.94	28.79	25.00	22.93	21.99	20.10
09/24/2016	EST	18.32	15.05	13.51	12.11	10.66	10.87	12.43	13.52	15.19	16.64	18.22	17.34	18.75	19.36	18.09	18.43	19.74	16.71	19.61	16.95	15.09	13.12	12.36	11.13
09/25/2016	EST	9.32	8.61	7.76	7.69	7.46	8.44	9.90	11.23	12.28	12.42	13.06	12.93	13.36	13.78	13.51	14.44	15.11	15.18	18.37	15.58	14.59	12.42	11.23	12.00
09/26/2016	EST	10.07	9.79	8.27	8.92	6.99	11.13	10.87	12.49	13.39	13.07	13.64	13.59	13.43	13.70	13.19	13.75	17.68	14.51	18.56	15.08	13.02	11.29	10.74	7.68
09/27/2016	EST	6.49	5.88	5.89	5.67	6.65	10.86	12.82	13.88	13.36	13.42	14.53	14.23	14.01	14.15	15.44	23.41	23.93	24.03	28.75	23.42	18.48	14.77	13.07	11.33
09/28/2016	EST	9.26	8.17	8.06	8.13	9.70	14.84	15.00	16.24	19.37	20.46	21.14	21.12	21.35	21.19	21.24	22.35	22.45	22.32	24.69	20.61	15.17	13.18	12.41	6.90
09/29/2016	EST	6.35	5.63	5.40	5.97	6.18	12.34	15.08	16.41	17.40	17.68	18.02	17.75	17.86	16.56	17.16	17.82	18.03	18.81	21.83	16.78	13.66	11.88	10.43	6.95
09/30/2016	EST	6.19	5.34	5.39	5.70	5.93	10.59	12.88	15.69	16.88	16.61	16.87	16.81	16.87	16.30	16.36	16.80	16.83	17.09	19.05	15.85	13.58	11.96	10.34	6.64
10/01/2016	EST	6.63	5.75	5.64	5.64	5.56	7.32	9.98	11.66	12.48	13.52	13.43	13.10	13.20	12.64	12.57	11.92	12.55	13.19	14.25	12.66	11.56	10.50	8.54	5.68
10/02/2016	EST	5.67	5.46	5.31	5.32	5.24	5.66	6.71	10.61	11.43	12.17	12.44	12.47	12.56	12.62	12.57	12.69	13.39	16.75	16.45	15.39	12.91	10.86	9.70	9.21
10/03/2016	EST	7.76	7.15	7.35	8.28	10.20	15.98	9.68	9.42	9.34	9.29	9.13	9.15	9.08	9.23	9.24	9.15	9.10	9.00	8.77	9.35	9.81	10.17	10.52	10.08

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
10/04/2016	EST	7.56	6.46	5.85	5.83	9.70	10.75	9.96	9.60	9.53	9.43	9.35	9.48	9.45	9.49	9.47	9.39	9.33	9.23	9.00	9.15	10.26	10.37	10.50	8.59
10/05/2016	EST	8.98	7.59	8.57	8.16	8.97	10.17	9.98	9.63	9.77	9.25	9.27	9.44	9.53	9.38	9.30	9.33	9.28	9.15	8.99	9.51	9.84	10.22	10.54	7.16
10/06/2016	EST	6.73	5.94	5.87	6.55	7.81	10.44	10.47	9.56	9.37	9.28	9.32	9.60	9.30	9.14	9.14	9.07	9.07	8.83	8.55	9.25	9.75	10.18	10.33	7.93
10/07/2016	EST	6.96	6.39	5.84	7.51	5.42	10.31	10.16	9.61	9.34	9.34	9.38	9.21	9.11	9.11	9.09	8.69	9.03	9.15	8.77	9.86	10.06	10.31	7.66	6.21
10/08/2016	EST	5.89	5.88	5.89	5.89	5.89	7.38	6.62	10.31	9.95	9.90	9.64	9.79	9.95	10.19	10.20	10.32	10.20	10.11	9.58	10.21	10.30	10.36	9.41	10.51
10/09/2016	EST	9.94	9.91	8.92	8.25	8.87	8.49	9.33	11.11	13.33	13.61	13.62	13.61	12.62	12.56	12.52	12.36	13.22	16.03	18.50	15.70	13.60	11.93	10.57	10.05
10/10/2016	EST	8.82	8.30	8.40	8.28	9.04	15.70	13.31	13.93	15.22	15.86	17.03	15.50	14.89	14.02	13.83	13.68	16.36	19.11	21.43	17.28	15.72	13.34	12.22	10.60
10/11/2016	EST	10.54	9.67	9.37	9.14	11.88	17.27	17.04	15.92	17.24	17.00	17.60	17.10	17.70	16.81	16.62	18.00	18.50	21.78	22.17	19.96	15.78	13.60	12.38	10.58
10/12/2016	EST	10.57	10.15	10.34	10.08	10.60	18.18	13.55	14.56	17.84	18.47	19.52	18.39	17.91	17.98	15.44	15.10	15.18	20.16	20.01	15.75	14.06	12.89	10.60	8.45
10/13/2016	EST	7.88	6.95	6.93	7.41	7.37	12.69	13.08	13.84	16.58	18.15	19.06	18.10	17.97	18.05	17.76	18.03	16.99	22.89	24.99	20.77	17.43	14.21	12.37	14.07
10/14/2016	EST	12.37	10.61	11.68	12.42	14.04	19.26	19.46	19.24	19.67	19.90	20.62	19.14	18.30	18.90	17.41	17.23	17.93	23.08	24.48	18.33	16.47	15.35	14.30	10.70
10/15/2016	EST	10.10	9.66	10.48	10.62	10.61	10.72	11.19	13.60	14.95	15.28	15.86	15.16	14.68	14.29	13.42	15.22	16.08	20.27	20.57	16.38	15.44	14.01	12.47	10.65
10/16/2016	EST	10.55	8.56	8.47	9.16	9.64	10.78	11.83	13.65	14.54	14.76	15.72	14.88	14.98	14.86	15.54	16.05	18.43	23.48	25.50	19.94	18.07	14.57	12.74	13.52
10/17/2016	EST	13.33	12.51	12.96	13.02	14.57	22.86	25.51	24.61	27.34	28.66	30.06	30.85	30.38	30.03	30.93	32.99	33.00	35.50	36.02	29.11	21.56	20.09	13.87	14.55
10/18/2016	EST	12.59	12.09	12.68	13.08	17.18	20.77	25.95	27.13	28.80	29.88	31.20	33.87	34.92	35.84	35.68	35.53	37.26	39.66	37.62	29.49	24.68	20.12	17.82	21.04
10/19/2016	EST	18.81	17.60	18.74	19.52	20.55	25.17	28.28	29.97	30.87	32.07	34.32	35.11	36.48	39.65	41.19	40.77	39.67	39.25	38.94	31.67	26.33	22.57	20.39	18.88
10/20/2016	EST	17.13	15.20	15.38	16.12	17.64	23.62	24.41	24.29	25.51	26.24	26.83	26.74	26.53	26.46	26.24	26.63	28.50	31.83	31.96	25.95	22.14	19.60	18.64	16.35
10/21/2016	EST	15.09	14.50	15.16	15.67	16.47	21.56	21.69	22.21	23.61	24.88	24.91	24.16	24.44	23.59	23.34	23.13	23.68	26.03	24.99	22.98	20.51	17.91	18.44	15.85
10/22/2016	EST	15.31	12.88	10.56	12.20	12.58	16.09	16.40	18.76	22.36	22.75	22.74	21.77	20.40	19.80	19.00	19.08	21.74	26.58	22.00	17.47	15.33	13.42	11.32	9.36
10/23/2016	EST	8.22	6.89	7.17	7.48	8.15	9.91	10.34	12.43	14.29	15.54	16.05	15.62	15.41	14.90	14.83	15.47	19.39	23.54	23.74	19.63	17.50	14.49	13.20	13.07
10/24/2016	EST	12.57	10.90	10.54	10.64	12.65	18.72	20.92	21.03	22.03	23.36	23.37	20.85	20.59	20.57	20.20	20.70	23.29	28.78	27.71	23.82	18.11	15.06	13.66	12.76
10/25/2016	EST	11.09	10.63	10.45	10.38	13.69	22.71	24.81	24.96	26.05	25.03	24.08	23.69	23.42	22.22	21.61	23.53	24.79	33.42	30.88	26.25	19.61	15.76	14.30	13.89
10/26/2016	EST	13.19	13.21	13.99	14.05	21.30	31.40	34.11	30.16	28.61	27.56	26.91	25.96	25.12	24.75	24.17	25.43	28.13	38.80	36.78	30.04	26.60	22.01	19.62	18.70
10/27/2016	EST	17.21	15.86	15.81	15.85	19.55	29.62	29.59	26.85	25.36	25.02	24.66	23.37	22.89	22.40	21.95	22.98	25.53	29.55	29.88	25.15	20.98	17.53	13.14	12.30
10/28/2016	EST	11.53	10.67	10.67	10.68	14.46	20.94	23.51	23.30	24.62	24.04	23.80	23.22	22.79	22.65	22.43	23.32	26.67	30.63	28.50	24.26	21.60	17.99	14.97	11.52
10/29/2016	EST	10.74	10.48	10.25	10.40	10.67	12.58	12.75	14.99	16.96	16.87	16.57	16.66	16.40	15.64	14.95	14.86	20.35	24.38	23.52	18.41	16.04	14.18	14.27	11.49
10/30/2016	EST	10.65	9.77	9.45	10.21	10.51	11.92	12.21	15.16	16.26	16.50	16.45	17.51	16.46	16.19	15.71	16.34	23.75	31.07	27.00	22.47	19.94	15.96	13.76	14.74
10/31/2016	EST	13.85	12.97	12.79	13.44	16.18	25.75	26.53	27.19	27.63	27.46	28.45	27.65	26.12	25.16	25.47	26.13	30.68	34.43	32.57	28.12	25.60	21.34	19.63	19.31
11/01/2016	EST	17.64	17.22	16.65	16.61	19.62	28.18	28.02	25.93	25.02	25.51	25.06	24.00	21.83	20.60	20.44	21.70	25.35	30.37	29.38	24.21	20.76	18.30	15.43	11.57
11/02/2016	EST	10.73	10.56	10.56	11.04	12.06	24.92	24.20	24.91	24.48	25.02	25.40	24.40	23.81	22.54	22.24	23.30	29.46	34.64	31.72	26.19	21.42	18.64	17.69	13.22
11/03/2016	EST	12.19	10.98	10.56	12.09	13.16	22.19	23.11	22.87	23.60	24.07	24.42	22.78	21.00	20.18	19.33	20.60	26.14	30.38	27.55	21.06	18.03	15.54	14.76	13.64
11/04/2016	EST	10.42	10.10	10.08	10.15	13.10	22.38	24.44	23.03	23.50	23.26	23.50	23.33	22.08	21.18	20.60	23.57	26.97	31.20	28.14	23.65	20.77	18.36	16.77	13.84
11/05/2016	EST	13.64	10.47	10.17	10.22	10.41	13.02	14.56	16.23	19.10	18.81	18.21	16.13	15.38	14.42	14.36	15.42	22.14	25.99	23.69	18.68	15.63	14.17	15.01	11.10
11/06/2016	EST	10.37	8.53	8.55	8.53	8.53	8.89	10.15	10.44	12.60	14.04	14.25	15.21	15.48	14.66	14.54	14.81	19.11	31.20	30.73	26.16	23.08	16.64	14.46	13.05
11/07/2016	EST	13.65	12.68	11.92	12.13	13.39	15.73	27.76	25.99	25.30	24.62	24.11	23.61	22.48	22.01	20.87	21.41	26.61	36.30	33.91	27.34	23.10	18.81	15.32	15.18
11/08/2016	EST	13.58	10.98	10.42	10.93	12.67	14.50	25.97	25.95	25.41	24.60	25.05	23.63	20.97	20.71	20.49	20.15	23.72	33.72	31.33	24.10	20.45	18.75	15.32	15.08

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
11/09/2016	EST	11.02	10.45	10.05	10.09	10.40	11.93	24.01	22.25	21.76	21.30	21.60	21.77	20.52	19.73	19.57	19.41	25.08	30.40	31.58	27.29	23.32	20.23	17.81	16.20
11/10/2016	EST	14.41	13.68	11.83	12.17	13.11	15.23	23.92	23.97	23.16	22.64	21.91	19.82	18.01	17.48	17.27	17.65	21.92	26.15	27.47	21.73	18.69	17.16	13.52	9.49
11/11/2016	EST	8.53	8.52	8.40	8.52	8.53	10.69	21.91	19.92	21.46	22.14	21.14	20.89	19.39	18.81	17.71	18.24	23.12	29.04	26.41	24.44	21.78	20.15	16.95	16.32
11/12/2016	EST	14.80	14.37	12.08	11.95	13.36	14.35	15.25	15.31	18.14	19.05	17.97	16.09	15.15	13.88	11.95	13.50	14.74	18.45	19.30	17.54	16.54	15.37	11.77	11.98
11/13/2016	EST	8.61	8.57	8.55	8.54	8.57	8.83	11.38	11.02	11.20	11.24	11.21	12.46	11.86	11.87	12.03	11.92	13.51	17.46	18.76	17.44	15.84	13.43	11.85	10.37
11/14/2016	EST	9.29	9.40	8.52	8.53	10.46	14.02	23.01	23.66	23.10	24.49	24.36	23.00	21.59	21.62	20.39	20.75	24.64	33.55	31.84	27.97	24.92	22.06	18.94	17.53
11/15/2016	EST	14.23	13.34	12.06	12.13	13.19	14.50	23.26	24.19	23.65	23.88	23.83	22.83	21.37	20.77	20.09	20.94	25.48	35.76	31.80	28.23	25.48	22.71	18.86	18.01
11/16/2016	EST	14.30	12.60	11.55	11.27	12.16	13.67	21.46	24.37	24.46	23.41	23.41	22.19	20.51	20.47	19.67	19.75	25.09	30.98	28.82	25.09	21.69	19.60	17.27	16.64
11/17/2016	EST	15.38	14.34	12.55	12.70	13.17	15.14	22.12	25.04	23.72	23.54	23.50	22.13	20.73	20.23	19.40	19.84	25.45	30.71	29.28	26.67	23.55	21.41	18.96	16.75
11/18/2016	EST	16.71	15.14	13.75	13.72	14.85	16.31	23.58	24.79	24.74	24.26	22.77	21.41	20.59	20.36	19.98	20.45	26.07	31.96	28.43	25.32	21.34	19.94	17.27	15.51
11/19/2016	EST	12.34	9.74	8.50	8.50	9.64	9.75	12.28	13.46	16.05	17.60	17.68	16.70	16.38	15.75	15.46	14.19	18.99	27.55	23.25	21.44	18.04	15.73	12.23	11.16
11/20/2016	EST	10.15	8.88	8.43	8.42	8.44	9.10	10.12	11.24	14.95	18.33	17.91	16.87	16.17	14.67	14.25	14.61	20.28	27.65	26.40	24.99	20.66	18.28	10.71	10.86
11/21/2016	EST	17.61	16.44	13.52	12.47	13.03	17.52	28.61	30.45	26.92	26.17	25.71	24.51	23.24	23.22	22.23	22.02	26.65	33.25	33.77	30.65	29.01	24.63	23.77	21.44
11/22/2016	EST	18.21	15.34	13.38	11.59	13.35	18.40	27.45	28.13	28.69	26.95	27.28	25.56	24.53	23.71	23.32	22.89	27.69	34.22	33.34	32.51	28.72	25.61	23.31	22.34
11/23/2016	EST	22.47	20.39	19.06	19.12	21.41	24.65	32.48	33.19	33.30	31.90	29.87	27.62	25.92	25.31	24.77	25.68	28.84	40.99	35.17	34.89	30.03	27.13	24.68	24.10
11/24/2016	EST	23.46	21.72	20.24	20.39	20.02	20.28	24.88	23.04	25.95	27.21	26.83	26.84	24.78	23.30	21.70	22.20	25.57	30.72	28.65	27.90	24.75	23.01	20.67	19.98
11/25/2016	EST	19.58	18.56	17.34	16.96	17.17	17.05	21.26	21.90	23.11	24.37	24.47	24.89	23.71	23.35	22.72	23.30	27.62	32.90	31.01	28.93	26.51	23.67	22.48	20.47
11/26/2016	EST	22.80	20.49	18.98	19.02	19.12	19.12	23.18	22.68	25.20	26.96	27.23	26.24	25.13	23.55	23.53	23.97	29.61	36.10	33.99	31.96	28.01	25.72	24.76	22.82
11/27/2016	EST	26.25	23.54	21.62	21.85	22.22	22.46	25.84	20.73	23.93	25.89	26.14	26.26	25.64	25.22	25.36	25.71	34.01	42.17	37.77	36.92	32.33	29.62	26.60	26.23
11/28/2016	EST	27.13	25.81	25.62	25.68	27.18	28.61	34.86	35.06	36.56	36.90	33.70	31.85	30.76	29.31	28.13	29.04	37.29	44.33	40.41	38.54	32.35	29.11	27.24	25.51
11/29/2016	EST	21.89	20.63	18.69	17.55	18.00	20.90	28.13	28.23	30.30	30.61	27.96	28.70	26.95	26.96	26.99	27.63	38.01	42.74	36.54	33.19	29.27	27.10	25.34	23.37
11/30/2016	EST	21.78	20.20	19.14	19.34	19.88	21.10	26.25	27.67	29.22	30.17	29.96	29.56	27.32	27.00	25.73	25.23	31.88	37.45	34.28	31.84	28.89	25.25	22.01	20.95
12/01/2016	EST	16.28	14.79	14.30	13.81	14.75	18.16	25.69	25.31	25.28	27.18	26.42	25.48	24.69	24.35	24.60	24.66	30.63	37.23	35.05	32.04	28.23	25.34	22.22	21.39
12/02/2016	EST	19.85	18.37	17.14	17.02	17.61	20.69	27.54	28.33	28.95	29.29	26.14	26.77	26.26	26.18	25.10	25.33	33.34	38.93	36.99	33.61	30.82	27.49	24.57	23.28
12/03/2016	EST	25.30	22.30	21.08	20.58	21.72	22.78	27.03	27.25	28.91	31.60	29.96	29.72	27.69	27.24	26.98	27.39	35.93	43.96	41.51	39.08	34.30	31.49	28.05	26.18
12/04/2016	EST	28.84	27.11	26.51	25.88	25.96	26.27	29.44	29.27	31.28	32.79	30.45	29.84	29.98	28.84	28.68	29.19	39.28	47.65	46.44	44.24	41.26	35.13	30.79	28.03
12/05/2016	EST	31.17	29.36	28.49	27.34	28.72	32.28	39.85	41.73	41.67	42.53	40.97	40.41	38.69	38.25	37.82	38.75	47.51	54.43	55.06	50.64	44.04	40.26	36.20	33.77
12/06/2016	EST	30.82	28.28	28.98	28.16	28.97	32.15	38.03	38.81	38.23	38.00	35.27	36.41	34.23	32.40	31.86	32.22	40.48	47.63	49.18	44.22	38.16	31.23	28.19	28.18
12/07/2016	EST	24.29	22.84	21.75	20.61	21.62	25.98	32.61	30.54	31.24	32.13	31.62	30.97	29.98	29.22	28.39	29.49	33.09	44.80	40.90	38.05	33.44	30.03	25.53	26.52
12/08/2016	EST	22.03	21.45	20.41	20.30	21.71	25.30	24.77	23.08	14.92	14.86	15.07	15.24	15.55	15.57	15.55	15.60	15.69	17.53	18.15	16.54	19.13	19.94	19.04	19.80
12/09/2016	EST	12.69	12.56	12.05	12.33	12.70	14.94	21.35	21.90	17.64	17.47	17.87	17.78	17.79	18.18	18.16	18.04	17.77	21.47	20.82	21.16	21.79	22.06	21.52	18.85
12/10/2016	EST	8.37	7.06	6.64	6.61	8.14	9.02	11.07	12.41	15.02	16.17	15.82	16.63	15.67	15.09	15.75	15.78	19.47	28.91	29.08	25.52	20.07	15.68	13.58	10.94
12/11/2016	EST	6.52	5.27	6.07	5.27	5.81	6.06	7.53	10.51	11.83	13.50	11.42	11.81	12.00	11.96	11.92	11.66	14.61	21.30	19.42	18.50	15.61	10.51	9.52	6.03
12/12/2016	EST	11.52	10.50	10.47	9.55	10.06	10.88	13.94	24.30	26.50	23.64	22.81	23.45	22.76	21.92	21.62	20.82	27.36	34.33	33.98	28.72	23.64	20.60	15.60	10.58
12/13/2016	EST	12.01	12.33	12.01	12.06	12.63	12.87	19.25	28.73	27.73	23.19	22.88	22.83	20.33	20.53	20.62	20.02	28.70	37.80	35.37	33.11	27.87	21.95	15.38	11.98
12/14/2016	EST	10.55	9.47	9.30	9.43	9.78	11.90	20.65	24.85	24.87	24.82	23.39	21.91	19.56	19.19	19.23	19.68	19.95	23.36	23.79	24.10	35.46	30.54	24.87	17.18

Federal Energy Regulatory Commission
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Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part II - Schedule 6. Balancing Authority Area System Lambda Data (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
12/15/2016	EST	18.50	16.71	17.27	18.96	20.16	27.95	52.42	41.72	37.92	39.19	38.19	30.30	24.83	23.25	22.60	22.75	32.25	53.07	46.21	43.73	40.59	35.42	26.58	24.04
12/16/2016	EST	19.60	19.76	19.33	20.15	22.63	39.99	68.19	93.23	84.03	66.62	61.29	47.56	35.96	32.90	31.62	33.21	63.19	74.29	69.06	61.10	56.56	46.02	23.15	17.99
12/17/2016	EST	19.45	15.70	15.67	15.65	15.67	15.94	17.37	13.22	15.72	15.13	17.39	19.31	18.22	17.77	17.30	16.14	20.76	26.29	22.05	18.78	15.68	11.05	11.12	2.28
12/18/2016	EST	14.46	12.57	12.56	12.55	12.59	12.61	13.96	13.17	14.96	16.90	18.75	21.18	20.60	19.04	18.65	20.70	29.47	41.88	41.27	38.49	35.84	27.51	22.70	14.75
12/19/2016	EST	37.00	34.62	33.83	33.78	36.79	40.32	57.29	72.50	68.80	62.94	59.01	44.53	41.38	40.24	33.94	32.52	46.71	72.46	80.96	65.74	53.92	36.60	27.60	28.19
12/20/2016	EST	25.66	22.49	21.11	23.00	23.74	25.70	23.31	25.90	23.95	24.71	21.71	23.54	23.06	22.09	19.36	18.47	19.80	18.57	17.95	17.97	20.07	18.90	16.27	12.21
12/21/2016	EST	10.33	8.98	8.39	9.43	9.66	10.46	12.31	20.54	18.80	18.66	18.54	19.95	21.32	21.03	20.28	20.98	20.77	25.09	20.94	21.13	21.35	21.80	17.46	12.84
12/22/2016	EST	8.99	9.44	11.42	9.16	11.11	12.56	12.63	18.84	21.51	21.27	26.49	28.04	26.04	26.02	24.62	24.29	34.64	47.35	38.96	36.09	31.87	26.36	20.47	13.29
12/23/2016	EST	6.61	7.40	7.59	7.45	8.23	11.04	13.44	18.71	18.27	19.58	21.72	22.14	21.76	21.77	21.10	21.16	30.83	37.52	33.91	31.89	30.38	24.76	18.11	12.53
12/24/2016	EST	5.46	5.64	5.63	5.37	5.63	5.64	5.38	7.91	12.65	13.73	14.82	16.89	15.71	15.72	14.36	14.55	23.34	26.27	24.20	20.33	18.13	18.04	14.25	10.20
12/25/2016	EST	5.03	5.38	5.39	5.18	5.39	5.45	5.55	8.30	11.72	12.64	13.65	14.93	14.70	14.38	14.28	13.25	18.27	21.30	20.37	18.58	17.15	16.94	14.41	10.26
12/26/2016	EST	5.38	5.38	5.16	4.83	4.86	4.15	4.89	6.81	6.85	11.72	12.15	12.67	12.54	12.32	10.44	9.01	13.50	15.41	13.52	12.97	12.54	11.78	7.09	3.74
12/27/2016	EST	4.58	4.96	5.09	3.31	3.88	4.55	5.75	10.54	15.35	17.61	18.94	18.88	18.88	18.86	18.88	18.78	21.35	23.15	23.73	24.24	21.51	21.60	18.47	10.73
12/28/2016	EST	6.13	5.38	5.38	5.28	5.37	7.06	11.83	16.49	18.92	19.48	20.88	21.21	20.70	20.62	20.75	21.14	28.80	54.47	37.65	31.95	26.33	21.03	18.09	12.57
12/29/2016	EST	7.82	6.13	5.71	5.71	5.71	6.13	12.49	17.97	18.92	18.54	18.90	19.07	18.75	18.65	18.06	18.80	18.90	28.54	25.70	21.49	20.34	18.92	16.71	10.80
12/30/2016	EST	5.77	5.41	4.79	4.92	4.20	5.53	9.96	13.16	13.83	14.64	14.52	14.34	13.75	13.87	14.04	13.45	18.13	25.28	21.36	20.31	19.74	17.04	13.69	12.53
12/31/2016	EST	12.57	9.65	8.68	7.98	8.05	12.59	15.24	13.69	17.06	18.20	18.86	17.85	16.61	14.74	13.14	13.40	16.15	23.08	20.48	16.13	13.46	12.67	12.60	12.61

Provide in writing a detailed description of how Respondent calculates system lambda. For those systems that do not use an economic dispatch algorithm and do not have a system lambda, provide in writing a detailed description of how Balancing Authority Area resources are efficiently dispatched.

Day-Ahead Market ("DAM")

The DAM sets prices as of 11:00 A.M. the previous day (thus the term day-ahead) based on the generation and energy transaction bids that were offered in advance to the NYISO. DAM prices are determined on an hourly basis for each of the state's eleven zones and for the four neighboring areas (i.e., New England, Hydro Quebec, Ontario Hydro and PJM). Typically more than 90% of energy transactions processed by NYISO occur in the DAM. A software program called Security Constrained Unit Commitment determines the amount of energy expecetd to be needed to supply customer demand and allow a sufficient reserve for contingencies. The New York Marginal Cost of Energy is the base price that NYISO must pay to obtain the needed energy. This base price is determined at the NYISO reference bus, so named because it is the reference against which losses, congestion, shift factors, penalty factors and other system mathematical quantities are calculated. It is physically located at the Marcy 345 kV substation in Marcy, New York. In transmitting energy across the state, there are additional costs for the electrical losses and sometimes for congestion when transmission lines become overloaded. The DAM zonal Local Based Marginal Prices are determined by adding the marginal cost of energy, the marginal cost of losses and the marginal cost of congestion.

Source: http//www.nyiso.com/public/products/energy_markets/index.jsp

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 1. Electric Utilities That Compose the Planning Area

Enter the name of each entity, including the respondent, that forms the planning area for which this report is being prepared and their coincident summer and winter peak demands in megawatts. Refer to the Form 714 instructions for specific guidelines.

Line No (a)	Electric Utility Name (b)	Electric Utility Coincident Peak Demand (MW)	
		Summer (c)	Winter (d)
1	Central Hudson Gas & Electric	1,022	848
2	Consolidated Edison Company of New York	12,652	8,566
3	Long Island Power Authority	5,190	3,299
4	National Grid	7,016	6,181
5	New York Power Authority	315	384
6	New York State Electric & Gas	3,170	2,928
7	Orange & Rockland Utilities	1,028	668
8	Rochester Gas & Electric	1,598	1,198
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Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand

Respondents must provide the following data: the planning area's actual hourly demand, in megawatts, for each hour of the year starting with 1 a.m. January 1 as more fully described in the Form 714 instructions. In column (b) indicate the time zone and the days for which daylight savings time was observed. This schedule will have 365 rows for the report year (366 rows for a leap year). For hours when this information is not available, enter "0.00" and provide, as a footnote to those hours, an explanation describing the reason for the unavailability of the data.

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
01/01/2016	EST	15,250	14,583	14,013	13,632	13,500	13,671	14,093	14,398	14,791	15,502	16,144	16,548	16,812	16,915	17,069	17,248	17,925	19,059	19,106	18,892	18,513	17,979	17,113	16,106
01/02/2016	EST	15,151	14,488	14,114	13,915	13,936	14,220	14,839	15,491	16,194	16,940	17,430	17,613	17,641	17,539	17,487	17,629	18,483	19,562	19,536	19,237	18,808	18,288	17,380	16,381
01/03/2016	EST	15,401	14,652	14,192	13,946	13,927	14,112	14,571	15,030	15,652	16,270	16,740	17,079	17,257	17,281	17,311	17,492	18,434	19,723	19,807	19,554	19,043	18,167	17,057	15,922
01/04/2016	EST	15,097	14,603	14,355	14,321	14,649	15,694	17,592	19,068	19,608	20,094	20,294	20,333	20,333	20,378	20,422	20,695	21,618	23,087	23,179	22,837	22,233	21,296	19,951	18,516
01/05/2016	EST	17,548	16,994	16,701	16,654	16,930	17,871	19,670	20,936	21,276	21,434	21,572	21,388	21,137	21,002	20,881	20,959	21,667	23,085	23,162	22,793	22,115	21,072	19,627	18,169
01/06/2016	EST	17,171	16,581	16,248	16,160	16,408	17,360	19,210	20,467	20,688	20,718	20,589	20,380	20,085	19,883	19,722	19,758	20,525	21,951	21,955	21,582	20,963	20,005	18,595	17,213
01/07/2016	EST	16,226	15,661	15,372	15,326	15,596	16,571	18,526	19,887	20,088	20,146	20,026	19,811	19,553	19,401	19,308	19,443	20,062	21,371	21,385	20,991	20,401	19,484	18,153	16,844
01/08/2016	EST	15,836	15,317	15,028	14,938	15,206	16,166	18,118	19,407	19,712	19,871	19,848	19,698	19,483	19,329	19,243	19,281	19,910	20,755	20,487	19,972	19,359	18,547	17,495	16,304
01/09/2016	EST	15,231	14,561	14,147	13,914	13,906	14,249	14,941	15,684	16,481	17,208	17,589	17,724	17,669	17,499	17,362	17,442	18,077	18,950	18,857	18,480	17,928	17,298	16,519	15,578
01/10/2016	EST	14,711	14,001	13,560	13,321	13,309	13,570	14,061	14,689	15,458	16,213	16,884	17,212	17,361	17,260	17,164	17,262	17,923	18,957	19,050	18,785	18,382	17,561	16,521	15,457
01/11/2016	EST	14,755	14,385	14,174	14,209	14,601	15,720	17,679	19,213	19,645	19,841	19,965	19,976	19,925	19,896	19,874	20,053	20,795	22,112	22,141	21,780	21,213	20,210	18,850	17,504
01/12/2016	EST	16,547	15,983	15,662	15,549	15,799	16,790	18,654	20,016	20,256	20,451	20,488	20,490	20,445	20,437	20,392	20,565	21,201	22,181	22,058	21,579	20,852	19,891	18,607	17,383
01/13/2016	EST	16,507	16,028	15,747	15,726	16,014	17,030	18,949	20,198	20,581	20,835	20,975	20,925	20,767	20,689	20,626	20,787	21,492	22,820	22,835	22,402	21,748	20,739	19,329	17,953
01/14/2016	EST	17,015	16,461	16,137	16,055	16,261	17,155	19,009	20,361	20,734	20,847	20,863	20,779	20,577	20,504	20,378	20,489	21,152	22,122	21,951	21,429	20,720	19,707	18,306	16,906
01/15/2016	EST	15,930	15,343	15,018	14,940	15,115	16,029	17,852	19,171	19,536	19,635	19,549	19,372	19,181	19,032	18,908	18,964	19,548	20,422	20,188	19,622	18,993	18,209	17,236	16,008
01/16/2016	EST	15,047	14,441	14,181	13,991	14,088	14,400	15,025	15,767	16,603	17,378	17,766	17,867	17,700	17,503	17,431	17,547	18,184	19,050	19,062	18,690	18,252	17,643	16,839	15,914
01/17/2016	EST	15,071	14,473	14,114	13,968	13,989	14,271	14,741	15,314	16,216	17,038	17,633	17,972	18,166	18,193	18,217	18,353	18,931	19,946	20,009	19,650	19,210	18,510	17,590	16,586
01/18/2016	EST	15,789	15,334	15,071	15,028	15,299	16,107	17,429	18,544	19,378	20,039	20,393	20,556	20,565	20,569	20,607	20,760	21,413	22,801	22,927	22,563	21,832	20,834	19,475	18,171
01/19/2016	EST	17,242	16,785	16,553	16,526	16,807	17,807	19,750	21,045	21,390	21,613	21,703	21,670	21,500	21,420	21,328	21,434	22,032	23,228	23,317	22,825	22,120	21,022	19,551	18,093
01/20/2016	EST	17,144	16,517	16,199	16,074	16,309	17,252	19,204	20,434	20,695	20,737	20,730	20,577	20,367	20,239	20,195	20,343	20,948	22,081	22,175	21,763	21,126	20,100	18,791	17,438
01/21/2016	EST	16,466	15,915	15,645	15,546	15,852	16,867	18,805	20,210	20,497	20,579	20,570	20,419	20,259	20,181	20,106	20,268	20,832	22,163	22,333	21,939	21,355	20,388	19,122	17,745
01/22/2016	EST	16,798	16,315	16,062	15,996	16,241	17,243	19,155	20,508	20,872	21,010	21,031	20,825	20,592	20,630	20,639	20,708	21,130	22,016	21,969	21,501	20,854	20,036	19,031	17,931
01/23/2016	EST	16,961	16,326	15,963	15,795	15,830	16,184	16,839	17,660	18,474	19,243	19,744	19,914	19,928	19,776	19,584	19,534	19,924	20,916	20,997	20,664	20,116	19,413	18,513	17,499
01/24/2016	EST	16,638	16,084	15,745	15,581	15,615	15,838	16,317	16,900	17,602	18,139	18,465	18,603	18,651	18,571	18,549	18,724	19,225	20,591	20,835	20,577	19,953	19,073	17,886	16,774
01/25/2016	EST	15,886	15,438	15,222	15,201	15,498	16,430	18,294	19,625	20,022	20,258	20,377	20,333	20,168	20,037	19,819	19,833	20,175	21,430	21,682	21,267	20,598	19,588	18,217	16,887
01/26/2016	EST	15,909	15,374	15,005	14,931	15,209	16,143	17,936	19,222	19,599	19,863	19,960	19,892	19,723	19,624	19,532	19,617	20,144	21,224	21,236	20,764	20,067	19,034	17,664	16,364
01/27/2016	EST	15,369	14,835	14,549	14,474	14,796	15,806	17,668	19,064	19,408	19,643	19,778	19,675	19,469	19,401	19,321	19,401	19,866	21,045	21,329	20,963	20,319	19,376	17,924	16,691
01/28/2016	EST	15,789	15,334	15,085	15,006	15,282	16,197	18,092	19,530	19,882	19,949	19,901	19,763	19,504	19,358	19,203	19,289	19,804	20,897	21,126	20,676	20,107	19,403	17,743	16,487
01/29/2016	EST	15,576	15,016	14,717	14,613	14,843	15,814	17,637	19,064	19,450	19,715	19,964	19,983	19,917	19,942	19,903	19,909	20,267	21,036	21,091	20,674	20,150	19,410	18,360	17,148

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
01/30/2016	EST	16,203	15,654	15,293	15,132	15,177	15,514	16,224	16,959	17,723	18,179	18,307	18,250	17,994	17,694	17,513	17,592	18,014	19,109	19,449	19,145	18,708	18,023	17,166	16,187
01/31/2016	EST	15,331	14,718	14,350	14,145	14,150	14,280	14,794	15,275	15,983	16,579	16,860	16,946	16,878	16,763	16,645	16,652	17,195	18,568	19,002	18,727	18,223	17,377	16,283	15,092
02/01/2016	EST	14,318	13,866	13,608	13,576	13,864	14,878	16,853	18,172	18,419	18,667	18,778	18,708	18,659	18,644	18,591	18,645	19,120	20,104	20,315	19,968	19,352	18,386	17,111	15,765
02/02/2016	EST	14,821	14,300	14,033	14,004	14,314	15,378	17,384	18,631	18,930	18,957	18,903	18,742	18,535	18,421	18,267	18,347	18,832	20,058	20,449	20,119	19,489	18,576	17,288	15,967
02/03/2016	EST	15,022	14,494	14,186	14,105	14,349	15,294	17,158	18,550	19,046	19,330	19,485	19,454	19,395	19,338	19,163	19,183	19,412	20,133	20,176	19,780	19,108	18,069	16,720	15,399
02/04/2016	EST	14,445	13,860	13,556	13,431	13,653	14,613	16,578	17,941	18,381	18,650	18,790	18,761	18,732	18,659	18,570	18,615	19,026	19,983	20,192	19,825	19,238	18,321	17,065	15,858
02/05/2016	EST	14,914	14,372	14,051	14,041	14,339	15,408	17,261	18,622	19,296	19,906	20,201	20,269	20,001	19,638	19,341	19,234	19,531	20,434	20,758	20,355	19,787	19,023	17,924	16,792
02/06/2016	EST	15,867	15,293	14,894	14,732	14,784	15,135	15,824	16,541	17,339	17,923	18,168	18,166	17,986	17,774	17,601	17,496	17,764	18,782	19,359	19,133	18,721	18,127	17,297	16,386
02/07/2016	EST	15,530	14,820	14,453	14,268	14,288	14,529	15,110	15,666	16,341	16,796	17,036	17,182	17,194	17,051	16,966	17,138	17,652	18,806	19,029	18,522	18,074	17,549	16,835	15,876
02/08/2016	EST	14,963	14,461	14,225	14,177	14,444	15,403	17,214	18,568	19,192	19,649	19,963	20,035	19,976	19,965	19,902	19,943	20,273	21,206	21,466	21,105	20,402	19,395	18,006	16,697
02/09/2016	EST	15,822	15,271	14,976	14,923	15,183	16,163	18,017	19,357	19,922	20,215	20,299	20,156	19,984	19,916	19,820	19,841	20,174	21,115	21,474	21,083	20,432	19,436	18,087	16,709
02/10/2016	EST	15,769	15,224	14,914	14,851	15,116	16,053	17,982	19,233	19,763	20,104	20,148	20,078	19,932	19,958	19,856	19,905	20,252	21,200	21,663	21,335	20,776	19,867	18,524	17,181
02/11/2016	EST	16,342	15,844	15,580	15,597	15,941	17,019	18,956	20,123	20,576	20,882	21,113	21,180	21,150	21,113	21,080	21,220	21,698	22,688	23,301	23,057	22,432	21,564	20,209	18,864
02/12/2016	EST	17,923	17,381	17,038	16,941	17,160	18,054	19,839	20,850	21,209	21,395	21,487	21,340	21,003	20,952	20,908	20,971	21,261	22,042	22,330	21,951	21,382	20,534	19,444	18,326
02/13/2016	EST	17,423	16,838	16,510	16,386	16,447	16,815	17,525	18,267	19,212	19,950	20,410	20,565	20,547	20,466	20,425	20,578	21,089	22,161	22,917	22,715	22,325	21,744	20,912	19,950
02/14/2016	EST	19,120	18,547	18,205	18,074	18,095	18,369	18,907	19,477	20,304	20,830	21,210	21,251	21,096	20,841	20,611	20,565	20,937	21,997	22,763	22,523	22,039	21,392	20,464	19,481
02/15/2016	EST	18,557	18,045	17,767	17,655	17,802	18,404	19,439	20,244	21,195	21,787	22,224	22,509	22,437	22,272	22,127	21,961	22,143	22,784	22,951	22,429	21,625	20,582	19,284	17,976
02/16/2016	EST	16,906	16,300	15,887	15,704	15,804	16,531	17,830	18,877	19,696	20,182	20,433	20,495	20,493	20,512	20,419	20,189	20,201	20,675	21,056	20,582	19,936	19,064	17,801	16,606
02/17/2016	EST	15,687	15,155	14,868	14,779	14,991	15,898	17,443	18,526	19,148	19,724	20,027	20,035	19,998	20,146	20,193	20,285	20,571	21,147	21,462	21,048	20,454	19,574	18,390	17,121
02/18/2016	EST	16,229	15,710	15,432	15,385	15,697	16,612	18,139	19,250	19,844	20,058	20,152	20,073	19,862	19,773	19,642	19,610	19,907	20,757	21,638	21,436	20,918	20,049	18,915	17,758
02/19/2016	EST	16,864	16,359	16,092	15,997	16,244	17,058	18,468	19,509	20,097	20,449	20,515	20,349	20,316	20,197	20,017	19,904	20,226	20,810	21,020	20,574	19,989	19,181	18,115	16,902
02/20/2016	EST	15,966	15,319	14,906	14,679	14,652	14,884	15,455	16,007	16,575	16,919	17,121	17,133	17,013	16,846	16,620	16,483	16,691	17,380	18,207	18,029	17,644	17,110	16,300	15,361
02/21/2016	EST	14,582	14,114	13,633	13,456	13,485	13,732	14,217	14,623	15,409	16,127	16,495	16,806	16,956	16,879	16,781	16,899	17,352	18,249	18,929	18,721	18,227	17,472	16,429	15,321
02/22/2016	EST	14,625	14,229	14,013	13,980	14,354	15,475	17,322	18,486	18,796	18,891	18,880	18,725	18,515	18,418	18,290	18,361	18,757	19,622	20,577	20,343	19,775	18,854	17,592	16,312
02/23/2016	EST	15,534	15,070	14,824	14,782	15,057	16,058	17,904	19,056	19,581	19,843	19,957	19,910	19,824	19,859	19,850	19,926	20,296	20,941	21,333	20,976	20,308	19,257	17,864	16,557
02/24/2016	EST	15,644	15,080	14,772	14,754	14,961	15,887	17,696	18,971	19,568	19,982	20,198	20,319	20,317	20,270	20,094	19,997	20,269	20,793	20,938	20,488	19,776	18,629	17,197	15,789
02/25/2016	EST	14,781	14,202	13,840	13,723	13,898	14,688	16,598	17,705	18,292	18,805	19,052	19,135	19,032	19,075	19,209	19,468	19,787	20,377	20,850	20,589	20,067	19,133	17,895	16,560
02/26/2016	EST	15,676	15,148	14,853	14,829	15,161	16,218	18,061	19,219	19,667	19,894	19,925	19,824	19,644	19,520	19,403	19,459	19,709	20,350	21,106	20,819	20,245	19,540	18,522	17,405
02/27/2016	EST	16,482	15,898	15,569	15,372	15,408	15,737	16,348	17,012	17,718	18,171	18,353	18,197	17,906	17,571	17,339	17,272	17,578	18,310	19,301	19,090	18,681	18,069	17,212	16,242
02/28/2016	EST	15,383	14,736	14,335	14,119	14,101	14,317	14,692	15,133	15,751	16,139	16,303	16,339	16,231	16,031	15,837	15,828	16,161	16,983	18,215	18,214	17,781	17,003	15,937	14,942
02/29/2016	EST	14,124	13,621	13,364	13,274	13,587	14,631	16,495	17,689	18,217	18,716	19,020	19,134	18,953	18,746	18,440	18,352	18,628	19,325	20,204	19,963	19,363	18,390	17,078	15,811
03/01/2016	EST	14,929	14,468	14,212	14,145	14,423	15,469	17,275	18,348	18,734	18,998	19,096	18,869	18,668	18,569	18,418	18,427	18,792	19,563	20,515	20,253	19,615	18,633	17,228	15,821
03/02/2016	EST	14,856	14,294	13,992	13,949	14,200	15,215	17,031	18,264	18,848	19,070	19,205	19,249	19,133	19,035	18,947	18,962	19,198	19,775	20,805	20,855	20,435	19,520	18,224	16,935
03/03/2016	EST	16,097	15,572	15,299	15,276	15,613	16,643	18,352	19,422	19,751	19,826	19,836	19,658	19,493	19,404	19,314	19,334	19,717	20,417	21,234	21,002	20,459	19,549	18,224	16,983
03/04/2016	EST	16,069	15,555	15,310	15,245	15,525	16,432	18,060	19,229	19,841	20,189	20,241	20,113	19,925	19,731	19,445	19,270	19,377	19,761	20,495	20,264	19,782	19,030	18,011	16,943
03/05/2016	EST	16,031	15,437	15,130	15,019	15,089	15,490	16,060	16,762	17,473	17,900	18,068	17,963	17,771	17,445	17,187	17,258	17,521	18,094	18,982	18,888	18,505	17,962	17,135	16,235

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
03/06/2016	EST	15,467	14,907	14,584	14,450	14,460	14,730	15,111	15,551	16,091	16,655	16,778	16,712	16,556	16,374	16,247	16,262	16,624	17,371	18,624	18,767	18,433	17,727	16,760	15,716
03/07/2016	EST	14,968	14,518	14,287	14,232	14,501	15,495	17,129	18,189	18,556	18,682	18,683	18,565	18,396	18,341	18,190	18,198	18,393	18,932	19,780	19,568	18,961	17,925	16,544	15,243
03/08/2016	EST	14,306	13,826	13,582	13,544	13,833	14,822	16,456	17,553	17,884	17,998	18,034	17,940	17,799	17,704	17,679	17,697	17,904	18,425	19,279	19,133	18,527	17,478	16,175	14,908
03/09/2016	EST	13,969	13,440	13,176	13,131	13,374	14,332	15,888	17,006	17,427	17,510	17,600	17,603	17,599	17,612	17,581	17,654	17,823	18,179	18,937	18,741	18,047	17,043	15,732	14,427
03/10/2016	EST	13,437	12,879	12,568	12,483	12,662	13,572	15,278	16,572	17,276	17,711	18,064	18,194	18,265	18,333	18,281	18,289	18,508	18,909	19,317	19,009	18,329	17,344	16,078	14,763
03/11/2016	EST	13,826	13,261	12,884	12,768	12,965	13,865	15,553	16,870	17,516	17,839	17,959	17,931	17,820	17,724	17,597	17,530	17,590	17,810	18,491	18,338	17,833	17,140	16,176	15,056
03/12/2016	EST	14,185	13,590	13,282	13,143	13,223	13,591	14,095	14,815	15,500	15,903	16,075	16,018	15,806	15,571	15,368	15,371	15,593	16,061	17,044	17,083	16,686	16,122	15,266	14,377
03/13/2016	EDT	13,536	12,975	0	12,701	12,596	12,731	13,121	13,502	14,114	14,667	15,151	15,492	15,572	15,552	15,524	15,542	15,745	16,127	16,615	17,369	17,291	16,612	15,567	14,428
03/14/2016	EDT	13,564	13,031	12,743	12,641	12,908	13,832	15,721	17,279	17,943	18,418	18,738	18,814	18,743	18,749	18,608	18,608	18,766	19,020	19,134	19,454	19,053	18,156	16,839	15,456
03/15/2016	EDT	14,410	13,787	13,446	13,319	13,499	14,371	16,278	17,627	18,013	18,333	18,430	18,333	18,166	18,083	17,987	17,927	18,047	18,178	18,135	18,697	18,466	17,672	16,395	15,024
03/16/2016	EDT	14,007	13,387	13,083	12,955	13,146	14,096	15,915	17,132	17,514	17,648	17,737	17,669	17,551	17,509	17,437	17,445	17,554	17,750	18,042	18,382	18,116	17,343	16,155	14,848
03/17/2016	EDT	13,880	13,273	12,944	12,857	13,060	14,002	15,954	17,244	17,613	17,769	17,762	17,666	17,628	17,705	17,608	17,510	17,473	17,713	17,817	18,267	18,124	17,408	16,218	14,956
03/18/2016	EDT	13,980	13,421	13,099	12,992	13,210	14,141	15,973	17,195	17,640	17,944	18,049	18,030	17,913	17,909	17,821	17,734	17,694	17,797	17,796	18,160	18,068	17,481	16,527	15,416
03/19/2016	EDT	14,497	13,928	13,590	13,474	13,546	13,910	14,615	15,386	16,119	16,533	16,759	16,692	16,494	16,277	16,122	16,033	16,032	16,330	16,689	17,415	17,598	17,156	16,410	15,553
03/20/2016	EDT	14,761	14,207	13,868	13,730	13,758	14,040	14,556	15,060	15,763	16,308	16,721	16,871	16,941	16,755	16,478	16,338	16,526	17,042	17,490	18,150	18,177	17,526	16,541	15,465
03/21/2016	EDT	14,680	14,248	13,992	13,985	14,266	15,284	16,945	18,261	18,808	18,887	18,919	18,761	18,636	18,454	18,224	18,100	18,232	18,484	18,645	19,323	19,278	18,474	17,221	15,902
03/22/2016	EDT	15,014	14,480	14,192	14,140	14,392	15,369	17,151	18,285	18,568	18,610	18,606	18,428	18,207	18,041	17,855	17,750	17,845	18,014	18,138	18,770	18,661	17,822	16,568	15,243
03/23/2016	EDT	14,248	13,666	13,318	13,215	13,424	14,316	16,103	17,363	17,848	18,050	18,176	18,198	18,099	18,047	17,920	17,927	18,076	18,227	18,191	18,573	18,408	17,644	16,480	15,203
03/24/2016	EDT	14,260	13,715	13,402	13,324	13,523	14,420	16,158	17,358	17,929	18,254	18,365	18,296	18,090	17,913	17,658	17,473	17,509	17,679	17,842	18,263	18,148	17,420	16,330	15,087
03/25/2016	EDT	14,068	13,428	13,048	12,895	13,020	13,628	14,860	15,935	16,799	17,403	17,773	17,853	17,783	17,653	17,539	17,397	17,402	17,448	17,366	17,659	17,538	16,891	16,008	15,007
03/26/2016	EDT	14,151	13,573	13,254	13,117	13,151	13,469	14,110	14,770	15,582	16,108	16,283	16,175	15,946	15,638	15,373	15,219	15,323	15,572	15,820	16,545	16,901	16,516	15,810	14,856
03/27/2016	EDT	14,016	13,403	13,033	12,839	12,833	13,054	13,509	13,994	14,766	15,212	15,350	15,251	15,071	14,795	14,512	14,359	14,335	14,488	14,802	15,732	16,195	15,808	15,002	14,003
03/28/2016	EDT	13,221	12,766	12,526	12,471	12,733	13,676	15,372	16,819	17,689	18,246	18,635	18,702	18,522	18,390	18,220	17,997	17,983	18,194	18,260	18,690	18,560	17,735	16,485	15,216
03/29/2016	EDT	14,268	13,746	13,455	13,387	13,619	14,567	16,331	17,443	17,961	18,176	18,186	18,058	17,867	17,754	17,586	17,456	17,539	17,700	17,784	18,445	18,709	17,920	16,698	15,417
03/30/2016	EDT	14,496	14,019	13,751	13,661	13,925	14,911	16,613	17,695	17,968	18,016	17,917	17,728	17,498	17,367	17,205	17,117	17,231	17,399	17,453	18,087	18,294	17,528	16,238	14,978
03/31/2016	EDT	13,988	13,418	13,058	12,925	13,102	14,041	15,803	16,925	17,415	17,708	17,913	17,910	17,800	17,724	17,622	17,555	17,674	17,736	17,621	18,048	18,091	17,281	15,994	14,745
04/01/2016	EDT	13,726	13,130	12,812	12,677	12,837	13,641	15,345	16,720	17,513	17,953	18,209	18,287	18,177	18,082	17,957	17,834	17,876	17,855	17,698	17,930	17,807	17,185	16,183	14,908
04/02/2016	EDT	13,856	13,196	12,799	12,587	12,604	12,884	13,516	14,303	15,376	16,155	16,654	16,762	16,548	16,298	15,997	15,912	15,896	16,125	16,359	16,901	17,072	16,612	15,882	15,009
04/03/2016	EDT	14,179	13,596	13,253	13,089	13,133	13,436	13,968	14,546	15,396	16,091	16,542	16,813	16,937	16,853	16,680	16,649	16,832	17,204	17,502	18,156	18,421	17,740	16,671	15,506
04/04/2016	EDT	14,698	14,227	13,981	13,893	14,188	15,148	16,940	18,319	19,053	19,502	19,757	19,840	19,790	19,767	19,628	19,561	19,667	19,881	19,964	20,173	20,084	19,178	17,892	16,609
04/05/2016	EDT	15,686	15,175	14,908	14,844	15,162	16,180	17,938	19,046	19,384	19,519	19,491	19,356	19,122	18,948	18,687	18,509	18,552	18,695	18,747	19,306	19,725	18,981	17,725	16,444
04/06/2016	EDT	15,535	15,036	14,770	14,686	14,962	15,940	17,669	18,751	19,092	19,169	19,121	19,098	18,887	18,751	18,649	18,701	18,933	19,015	18,942	19,367	19,394	18,501	17,079	15,661
04/07/2016	EDT	14,628	14,040	13,694	13,565	13,749	14,670	16,398	17,552	18,097	18,356	18,581	18,555	18,498	18,560	18,486	18,333	18,231	18,232	18,147	18,404	18,460	17,747	16,527	15,224
04/08/2016	EDT	14,277	13,755	13,428	13,343	13,603	14,574	16,330	17,573	18,126	18,427	18,629	18,666	18,542	18,510	18,356	18,241	18,241	18,171	18,061	18,344	18,487	17,851	16,867	15,740
04/09/2016	EDT	14,790	14,220	13,906	13,765	13,817	14,192	14,785	15,482	16,263	16,869	17,152	17,247	17,210	17,064	16,892	16,822	16,924	17,096	17,231	17,579	17,903	17,442	16,643	15,730
04/10/2016	EDT	14,926	14,396	14,092	13,941	13,979	14,219	14,586	15,048	15,633	16,081	16,307	16,367	16,270	16,090	15,932	15,875	16,077	16,438	16,785	17,475	17,831	17,173	16,174	15,027

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
04/11/2016	EDT	14,187	13,741	13,470	13,397	13,634	14,599	16,396	17,735	18,321	18,684	18,907	18,782	18,595	18,386	18,166	18,113	18,226	18,436	18,451	18,695	18,566	17,613	16,305	14,990
04/12/2016	EDT	14,052	13,513	13,199	13,102	13,335	14,264	16,061	17,365	18,031	18,382	18,613	18,637	18,500	18,369	18,101	17,871	17,876	17,938	17,924	18,179	18,566	17,839	16,593	15,266
04/13/2016	EDT	14,311	13,830	13,551	13,527	13,790	14,766	16,439	17,498	17,812	17,862	17,821	17,658	17,463	17,350	17,221	17,207	17,317	17,414	17,466	17,890	18,270	17,597	16,393	15,093
04/14/2016	EDT	14,162	13,671	13,402	13,349	13,609	14,597	16,254	17,348	17,661	17,743	17,696	17,552	17,339	17,211	17,039	16,956	17,003	17,093	17,061	17,408	17,954	17,295	16,145	14,836
04/15/2016	EDT	13,914	13,429	13,172	13,103	13,383	14,350	15,977	17,058	17,404	17,476	17,443	17,300	17,106	17,000	16,838	16,692	16,672	16,688	16,543	16,725	17,200	16,660	15,734	14,590
04/16/2016	EDT	13,671	13,115	12,802	12,666	12,718	13,075	13,562	14,344	15,059	15,425	15,535	15,458	15,312	15,071	14,887	14,870	14,980	15,169	15,375	15,655	16,224	15,865	15,120	14,151
04/17/2016	EDT	13,338	12,825	12,504	12,366	12,390	12,622	12,904	13,514	14,203	14,635	14,896	14,976	14,982	14,890	14,834	14,905	15,115	15,394	15,552	15,876	16,535	15,956	14,864	13,735
04/18/2016	EDT	12,968	12,501	12,261	12,221	12,491	13,476	15,061	16,308	16,913	17,270	17,500	17,614	17,665	17,750	17,765	17,833	17,941	17,956	17,669	17,791	18,065	17,171	15,778	14,405
04/19/2016	EDT	13,402	12,804	12,478	12,348	12,572	13,476	15,171	16,515	17,179	17,456	17,643	17,655	17,584	17,583	17,538	17,526	17,601	17,611	17,415	17,474	17,874	17,118	15,856	14,531
04/20/2016	EDT	13,549	13,026	12,719	12,613	12,851	13,756	15,311	16,482	16,998	17,195	17,285	17,261	17,168	17,163	17,116	17,147	17,263	17,261	17,111	17,269	17,797	17,074	15,755	14,427
04/21/2016	EDT	13,474	12,948	12,671	12,586	12,847	13,757	15,291	16,490	16,996	17,283	17,479	17,528	17,498	17,558	17,580	17,562	17,660	17,720	17,545	17,687	17,949	17,161	15,887	14,550
04/22/2016	EDT	13,577	12,978	12,616	12,444	12,606	13,449	14,916	16,291	17,148	17,756	18,118	18,295	18,407	18,597	18,601	18,490	18,473	18,312	17,902	17,842	17,998	17,306	16,231	15,042
04/23/2016	EDT	13,961	13,245	12,803	12,576	12,558	12,804	13,285	14,074	15,103	15,827	16,164	16,180	15,995	15,742	15,530	15,456	15,528	15,681	15,641	15,743	16,302	15,948	15,101	14,153
04/24/2016	EDT	13,325	12,795	12,434	12,244	12,217	12,419	12,619	13,213	13,798	14,311	14,599	14,689	14,668	14,583	14,521	14,586	14,820	15,131	15,309	15,630	16,212	15,678	14,750	13,723
04/25/2016	EDT	13,016	12,617	12,358	12,275	12,480	13,294	14,629	15,972	16,774	17,252	17,529	17,577	17,550	17,541	17,419	17,327	17,377	17,400	17,254	17,349	17,677	16,957	15,672	14,355
04/26/2016	EDT	13,478	12,926	12,614	12,533	12,734	13,542	14,983	16,323	17,212	17,774	18,219	18,287	18,145	18,020	17,894	17,796	17,926	17,983	17,830	17,855	17,965	17,287	16,036	14,781
04/27/2016	EDT	13,848	13,346	13,040	12,916	13,120	13,917	15,192	16,430	17,081	17,324	17,336	17,205	17,024	16,946	16,843	16,804	16,875	16,931	16,829	16,925	17,511	16,983	15,787	14,548
04/28/2016	EDT	13,610	13,081	12,788	12,705	12,942	13,764	14,992	16,161	16,791	17,073	17,156	17,143	17,091	17,134	17,057	17,019	17,051	17,220	17,281	17,409	17,592	16,918	15,755	14,559
04/29/2016	EDT	13,677	13,161	12,825	12,716	12,912	13,679	14,921	16,103	16,834	17,144	17,243	17,207	17,097	17,041	16,965	16,943	16,994	17,056	16,956	16,983	17,164	16,601	15,615	14,501
04/30/2016	EDT	13,672	13,048	12,696	12,505	12,523	12,810	13,211	13,955	14,687	15,108	15,224	15,184	15,105	14,962	14,839	14,789	14,887	15,066	15,183	15,406	16,005	15,739	14,980	14,072
05/01/2016	EDT	13,309	12,720	12,361	12,157	12,114	12,293	12,559	13,218	14,093	14,905	15,523	15,871	16,002	16,042	16,039	16,074	16,254	16,569	16,646	16,770	16,925	16,262	15,222	14,101
05/02/2016	EDT	13,308	12,863	12,606	12,527	12,787	13,712	15,332	16,715	17,475	17,947	18,232	18,185	18,139	18,020	17,763	17,609	17,667	17,752	17,605	17,630	17,921	17,272	15,986	14,603
05/03/2016	EDT	13,633	13,115	12,816	12,723	12,925	13,778	15,361	16,693	17,358	17,687	17,899	17,907	17,805	17,755	17,632	17,594	17,636	17,708	17,659	17,690	17,851	17,187	15,928	14,530
05/04/2016	EDT	13,582	13,016	12,709	12,610	12,820	13,646	15,210	16,605	17,217	17,589	17,780	17,872	17,824	17,829	17,785	17,791	17,852	17,883	17,779	17,818	17,969	17,324	15,998	14,645
05/05/2016	EDT	13,663	13,116	12,783	12,686	12,866	13,721	15,274	16,711	17,379	17,684	17,841	17,834	17,725	17,648	17,511	17,441	17,481	17,506	17,453	17,499	17,765	17,216	15,930	14,624
05/06/2016	EDT	13,648	13,074	12,734	12,618	12,831	13,615	15,044	16,542	17,265	17,708	17,970	18,002	17,929	17,846	17,706	17,559	17,547	17,555	17,479	17,426	17,507	17,013	16,012	14,803
05/07/2016	EDT	13,767	13,100	12,702	12,487	12,489	12,724	13,182	14,027	14,933	15,550	15,821	15,837	15,749	15,587	15,415	15,314	15,303	15,389	15,447	15,602	16,108	15,894	15,142	14,176
05/08/2016	EDT	13,292	12,664	12,292	12,064	12,023	12,192	12,434	13,147	14,083	14,833	15,190	15,158	14,983	14,789	14,570	14,546	14,738	14,950	15,128	15,370	16,081	15,863	14,983	13,974
05/09/2016	EDT	13,175	12,692	12,435	12,367	12,634	13,571	15,070	16,391	16,973	17,122	17,381	17,458	17,417	17,501	17,482	17,438	17,432	17,419	17,237	17,276	17,720	17,250	15,898	14,504
05/10/2016	EDT	13,502	12,951	12,672	12,582	12,786	13,541	15,082	16,330	16,819	17,073	17,192	17,268	17,237	17,268	17,234	17,257	17,315	17,372	17,198	17,156	17,513	17,046	15,690	14,287
05/11/2016	EDT	13,323	12,777	12,485	12,411	12,637	13,425	14,938	16,235	16,824	17,171	17,407	17,491	17,512	17,588	17,605	17,679	17,802	17,804	17,514	17,369	17,717	17,240	15,917	14,494
05/12/2016	EDT	13,490	12,865	12,500	12,393	12,593	13,329	14,840	16,294	17,037	17,496	17,801	17,984	18,121	18,309	18,442	18,632	18,802	18,630	18,226	17,903	18,185	17,670	16,304	14,844
05/13/2016	EDT	13,764	13,076	12,697	12,535	12,694	13,383	14,827	16,262	17,114	17,682	18,146	18,242	18,266	18,262	18,127	17,995	17,971	17,863	17,570	17,320	17,303	16,998	15,987	14,751
05/14/2016	EDT	13,710	13,051	12,600	12,349	12,321	12,439	12,832	13,742	14,731	15,427	15,888	16,114	16,145	16,048	15,951	15,917	15,964	16,152	16,237	16,244	16,404	16,095	15,245	14,221
05/15/2016	EDT	13,304	12,666	12,278	12,073	12,050	12,134	12,392	13,101	13,946	14,652	15,150	15,467	15,700	15,655	15,590	15,559	15,644	15,876	15,996	16,179	16,632	16,337	15,331	14,230
05/16/2016	EDT	13,411	12,938	12,678	12,622	12,881	13,715	15,316	16,717	17,297	17,655	17,738	17,688	17,548	17,462	17,341	17,295	17,410	17,484	17,314	17,218	17,604	17,167	15,883	14,495

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
05/17/2016	EDT	13,533	13,000	12,685	12,590	12,793	13,571	15,132	16,495	17,214	17,628	17,759	17,854	17,854	17,863	17,809	17,693	17,757	17,762	17,505	17,365	17,573	17,207	15,912	14,486
05/18/2016	EDT	13,565	13,024	12,732	12,660	12,865	13,556	15,107	16,475	17,077	17,333	17,495	17,504	17,478	17,515	17,511	17,507	17,568	17,595	17,385	17,327	17,554	17,097	15,804	14,407
05/19/2016	EDT	13,437	12,895	12,579	12,512	12,708	13,455	14,978	16,422	17,110	17,428	17,670	17,780	17,859	17,948	17,886	17,796	17,849	17,771	17,441	17,258	17,499	17,226	15,929	14,536
05/20/2016	EDT	13,563	12,970	12,641	12,547	12,713	13,368	14,855	16,270	16,947	17,394	17,693	17,799	17,810	17,944	17,958	18,048	18,112	17,949	17,469	17,142	17,253	16,998	15,939	14,677
05/21/2016	EDT	13,613	12,963	12,546	12,316	12,302	12,413	12,836	13,756	14,799	15,593	16,056	16,201	16,166	16,022	15,889	15,807	15,843	15,900	15,914	16,011	16,270	16,018	15,137	14,168
05/22/2016	EDT	13,336	12,745	12,357	12,126	12,063	12,152	12,362	13,030	13,957	14,756	15,240	15,371	15,515	15,437	15,456	15,579	15,797	16,066	16,167	16,236	16,632	16,412	15,333	14,099
05/23/2016	EDT	13,213	12,707	12,388	12,286	12,527	13,206	14,758	16,383	17,231	17,773	18,262	18,523	18,623	18,842	18,882	18,978	19,056	18,957	18,568	18,283	18,341	17,869	16,429	14,903
05/24/2016	EDT	13,816	13,213	12,837	12,689	12,861	13,561	15,096	16,648	17,474	18,097	18,470	18,591	18,781	18,923	18,880	18,837	19,110	19,081	18,790	18,538	18,481	17,988	16,558	15,074
05/25/2016	EDT	13,983	13,292	12,903	12,733	12,851	13,493	15,055	16,722	17,735	18,448	19,046	19,559	19,960	20,408	20,742	21,123	21,384	21,438	20,952	20,450	20,406	20,001	18,501	16,768
05/26/2016	EDT	15,513	14,695	14,148	13,887	13,977	14,598	16,122	17,889	19,050	20,000	20,890	21,603	22,157	22,728	23,041	23,382	23,579	23,245	22,530	21,909	21,602	21,105	19,092	17,835
05/27/2016	EDT	16,514	15,659	15,121	14,823	14,890	15,456	16,843	18,592	19,966	21,145	22,148	22,956	23,466	23,942	24,216	24,232	24,137	23,940	23,167	22,344	21,962	21,514	20,186	18,576
05/28/2016	EDT	17,167	16,137	15,479	15,072	14,905	14,831	15,227	16,493	18,095	19,604	20,952	21,965	22,639	23,037	23,357	23,588	23,796	23,801	23,309	22,648	22,374	22,111	20,948	19,420
05/29/2016	EDT	18,039	16,925	16,127	15,607	15,297	15,071	15,328	16,355	17,802	19,233	20,620	21,543	22,062	22,379	22,439	22,287	22,095	21,852	21,329	20,718	20,586	20,349	19,323	18,055
05/30/2016	EDT	16,988	16,111	15,552	15,239	15,130	15,217	15,512	16,252	17,274	18,269	19,276	20,153	20,862	21,283	21,569	21,612	21,708	21,758	21,448	21,169	21,143	20,789	19,396	17,844
05/31/2016	EDT	16,636	15,876	15,384	15,160	15,267	15,940	17,592	19,466	20,718	21,579	22,375	22,913	23,437	23,910	24,334	24,764	25,061	24,932	24,194	23,217	22,583	22,086	20,427	18,546
06/01/2016	EDT	17,050	16,085	15,450	15,037	15,021	15,483	17,051	18,819	19,853	20,635	21,375	21,952	22,388	22,831	23,167	23,563	23,934	23,828	23,050	22,148	21,583	21,069	19,413	17,609
06/02/2016	EDT	16,179	15,392	14,858	14,582	14,682	15,246	16,860	18,535	19,578	20,368	20,976	21,333	21,599	21,945	22,188	22,515	22,769	22,580	21,858	21,133	20,831	20,341	18,922	17,306
06/03/2016	EDT	15,982	15,166	14,633	14,386	14,476	15,097	16,631	18,254	19,252	19,886	20,382	20,668	20,812	20,955	21,027	21,041	21,064	20,975	20,423	19,913	19,639	19,382	18,228	16,880
06/04/2016	EDT	15,579	14,800	14,259	13,959	13,869	13,932	14,422	15,463	16,819	18,075	19,000	19,700	20,330	20,755	21,081	21,335	21,520	21,409	20,936	20,396	20,189	19,886	18,828	17,550
06/05/2016	EDT	16,369	15,533	14,960	14,617	14,415	14,362	14,518	15,175	16,219	17,171	17,951	18,427	18,626	18,639	18,617	18,691	18,848	19,106	19,167	18,890	18,754	18,519	17,494	16,192
06/06/2016	EDT	15,135	14,537	14,167	13,965	14,223	14,941	16,602	18,569	19,759	20,580	21,219	21,602	21,943	22,370	22,773	23,103	23,339	23,295	22,753	22,101	21,676	21,331	19,786	18,243
06/07/2016	EDT	16,829	15,824	15,251	15,006	15,059	15,718	17,379	19,223	20,424	21,280	21,958	22,483	22,829	22,982	23,110	23,019	22,609	22,202	21,328	20,764	20,292	19,859	18,443	16,585
06/08/2016	EDT	15,345	14,527	13,967	13,732	13,791	14,262	15,771	17,290	18,169	18,696	19,167	19,317	19,305	19,121	18,725	18,537	18,490	18,388	18,116	17,897	17,905	17,598	16,316	14,922
06/09/2016	EDT	13,884	13,269	12,869	12,725	12,885	13,438	14,912	16,373	17,154	17,629	17,942	18,111	18,147	18,231	18,335	18,445	18,652	18,686	18,356	18,004	17,888	17,715	16,502	15,072
06/10/2016	EDT	14,031	13,377	12,958	12,792	12,885	13,442	14,919	16,499	17,387	17,918	18,281	18,482	18,579	18,786	18,953	19,172	19,422	19,449	19,086	18,553	18,210	18,030	17,016	15,666
06/11/2016	EDT	14,554	13,753	13,225	12,951	12,890	12,912	13,410	14,407	15,565	16,561	17,324	17,919	18,288	18,533	18,734	19,142	19,799	20,419	20,622	20,543	20,447	20,468	19,581	18,325
06/12/2016	EDT	17,171	16,172	15,473	15,084	14,889	14,698	14,972	16,009	17,314	18,274	18,737	18,998	19,113	19,116	19,095	19,121	19,153	19,092	18,775	18,297	18,043	17,721	16,616	15,372
06/13/2016	EDT	14,359	13,654	13,295	13,145	13,318	13,943	15,466	16,932	17,873	18,507	18,940	19,189	19,304	19,606	19,755	20,007	20,112	19,900	19,355	18,891	18,761	18,414	17,100	15,655
06/14/2016	EDT	14,553	13,878	13,424	13,216	13,332	13,866	15,414	17,003	17,925	18,548	18,949	19,242	19,453	19,822	20,151	20,537	20,922	21,073	20,725	20,126	19,718	19,405	18,072	16,463
06/15/2016	EDT	15,248	14,421	13,943	13,714	13,748	14,279	15,814	17,544	18,666	19,524	20,295	20,869	21,309	21,785	22,238	22,747	23,018	22,895	22,292	21,591	21,277	20,980	19,571	17,954
06/16/2016	EDT	16,668	15,802	15,273	15,018	15,054	15,706	17,183	18,835	19,867	20,589	21,204	21,575	21,830	22,012	22,036	22,165	22,305	22,273	21,851	21,347	20,961	20,612	19,197	17,551
06/17/2016	EDT	16,179	15,277	14,737	14,449	14,488	14,931	16,447	18,114	19,394	20,254	20,924	21,426	21,706	21,837	22,024	22,244	22,424	22,262	21,584	20,731	19,965	19,552	18,360	16,894
06/18/2016	EDT	15,590	14,693	14,133	13,804	13,665	13,552	14,021	15,158	16,514	17,638	18,602	19,376	19,976	20,445	20,895	21,361	21,674	21,731	21,376	20,677	20,139	19,870	18,872	17,597
06/19/2016	EDT	16,304	15,377	14,761	14,356	14,120	13,872	14,111	15,067	16,414	17,802	19,050	20,078	20,803	21,232	21,519	21,867	22,166	22,170	21,775	21,188	20,902	20,763	19,486	17,992
06/20/2016	EDT	16,744	15,893	15,327	15,102	15,207	15,749	17,304	19,265	20,693	21,954	23,058	23,938	24,617	25,280	25,793	26,135	26,286	26,070	25,369	24,578	23,987	23,931	22,112	20,126
06/21/2016	EDT	18,501	17,475	16,749	16,368	16,409	16,926	18,419	19,962	20,917	21,791	22,623	23,333	23,869	24,402	24,862	25,266	25,340	25,073	24,447	23,722	23,044	22,382	20,681	18,733

Federal Energy Regulatory Commission
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Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
06/22/2016	EDT	17,233	16,262	15,624	15,244	15,210	15,680	17,125	18,810	20,201	21,234	22,052	22,663	23,095	23,507	23,688	23,875	24,113	24,072	23,504	22,703	22,066	21,716	20,210	18,471
06/23/2016	EDT	17,075	16,085	15,475	15,129	15,126	15,597	16,985	18,587	19,876	20,818	21,472	22,012	22,379	22,761	23,177	23,427	23,498	23,254	22,745	22,187	21,734	21,456	20,173	18,509
06/24/2016	EDT	17,124	16,196	15,557	15,220	15,240	15,615	16,938	18,637	19,972	21,021	21,862	22,446	22,851	23,275	23,537	23,766	23,952	23,807	22,962	22,038	21,257	20,879	19,701	18,125
06/25/2016	EDT	16,765	15,755	15,094	14,698	14,504	14,410	14,861	16,035	17,398	18,627	19,717	20,516	21,076	21,469	21,765	22,083	22,403	22,436	22,069	21,329	20,693	20,420	19,324	18,024
06/26/2016	EDT	16,793	15,906	15,284	14,884	14,660	14,457	14,751	15,713	17,048	18,408	19,896	20,931	21,736	22,326	22,681	23,050	23,297	23,312	22,926	22,284	21,888	21,711	20,547	19,082
06/27/2016	EDT	17,834	16,932	16,313	15,956	15,953	16,439	17,776	19,532	20,925	22,096	23,078	23,822	24,347	24,913	25,275	25,506	25,550	25,214	24,391	23,754	23,246	22,693	21,251	19,464
06/28/2016	EDT	18,059	17,083	16,464	16,164	16,247	16,841	18,251	19,844	20,980	21,872	22,525	22,949	23,188	23,324	23,372	23,500	23,462	23,329	22,705	22,139	21,844	21,390	19,981	18,392
06/29/2016	EDT	17,078	16,250	15,697	15,450	15,487	16,050	17,337	19,071	20,441	21,458	22,340	22,998	23,508	24,049	24,391	24,596	24,661	24,563	23,950	23,111	22,308	21,935	20,497	18,686
06/30/2016	EDT	17,194	16,266	15,615	15,245	15,196	15,592	16,895	18,649	20,092	21,126	22,026	22,754	23,275	23,827	24,266	24,567	24,852	24,751	23,975	23,071	22,432	22,129	20,728	19,059
07/01/2016	EDT	17,654	16,714	15,990	15,561	15,501	15,938	17,217	18,937	20,407	21,614	22,492	23,058	23,302	23,485	23,596	23,460	23,211	22,799	21,986	21,366	20,914	20,575	19,408	18,069
07/02/2016	EDT	16,872	15,984	15,306	14,863	14,566	14,341	14,597	15,566	16,648	17,480	18,062	18,406	18,570	18,663	18,727	18,852	18,969	18,979	18,863	18,480	18,167	18,173	17,454	16,470
07/03/2016	EDT	15,386	14,596	14,069	13,742	13,583	13,396	13,557	14,422	15,573	16,574	17,403	18,086	18,547	18,846	18,951	19,021	19,164	19,147	18,909	18,520	18,357	18,403	17,791	16,855
07/04/2016	EDT	15,808	14,969	14,419	14,050	13,885	13,785	14,119	15,057	16,301	17,655	18,759	19,562	20,125	20,553	20,863	21,107	21,282	21,293	20,859	20,474	20,258	19,934	19,216	18,209
07/05/2016	EDT	17,120	16,397	15,965	15,782	15,897	16,559	17,786	19,458	20,938	22,179	23,284	24,064	24,663	25,345	26,047	26,686	27,270	27,559	27,239	26,456	25,643	25,230	23,556	21,582
07/06/2016	EDT	19,962	18,789	17,963	17,447	17,337	17,743	19,117	21,208	23,088	24,706	26,142	27,104	27,832	28,421	28,949	29,348	29,656	29,641	29,016	28,156	27,340	26,888	25,136	23,056
07/07/2016	EDT	21,355	20,191	19,399	18,920	18,870	19,307	20,657	22,768	24,526	26,100	27,521	28,560	29,095	29,332	29,340	29,181	29,032	28,796	27,905	27,082	26,425	26,001	24,454	22,555
07/08/2016	EDT	20,905	19,763	18,976	18,479	18,433	18,917	20,182	22,016	23,571	24,881	25,969	26,675	27,014	27,293	27,500	27,493	27,136	26,329	25,232	24,292	23,586	23,002	21,684	20,022
07/09/2016	EDT	18,653	17,704	16,961	16,461	16,216	16,122	16,369	17,169	18,188	19,124	19,851	20,309	20,430	20,354	20,230	19,991	19,868	19,793	19,618	19,380	19,350	19,200	18,408	17,328
07/10/2016	EDT	16,441	15,749	15,206	14,891	14,760	14,709	14,818	15,484	16,621	17,801	18,779	19,589	20,042	20,401	20,608	20,694	20,852	21,003	20,817	20,430	20,200	20,181	19,073	17,689
07/11/2016	EDT	16,484	15,654	15,126	14,821	14,905	15,447	16,700	18,368	19,755	20,772	21,502	22,052	22,477	22,998	23,374	23,677	23,904	23,975	23,412	22,663	22,056	21,626	20,148	18,412
07/12/2016	EDT	17,064	16,192	15,564	15,252	15,325	15,873	17,201	18,960	20,366	21,513	22,569	23,412	24,177	24,882	25,452	25,918	26,259	26,223	25,533	24,663	24,015	23,665	22,214	20,442
07/13/2016	EDT	18,935	17,934	17,275	16,893	16,914	17,500	18,971	21,020	22,604	23,840	25,083	26,161	26,884	27,527	27,884	27,986	27,721	27,455	26,654	25,816	25,212	24,781	23,231	21,509
07/14/2016	EDT	20,067	19,161	18,507	18,200	18,285	18,976	20,455	22,430	23,853	24,956	26,014	26,805	27,317	27,974	28,610	29,081	28,381	28,052	27,912	27,272	26,609	26,186	24,609	22,746
07/15/2016	EDT	21,182	20,030	19,261	18,793	18,749	19,232	20,542	22,641	24,443	26,023	27,344	28,148	28,513	28,932	29,195	29,204	29,142	28,940	28,084	26,916	26,014	25,514	24,075	22,333
07/16/2016	EDT	20,783	19,518	18,617	17,989	17,607	17,442	17,661	18,916	20,524	21,987	23,260	24,149	24,716	25,060	25,299	25,350	24,891	24,362	23,757	23,036	22,724	22,535	21,532	20,267
07/17/2016	EDT	19,023	17,996	17,297	16,842	16,600	16,501	16,585	17,423	18,762	20,322	21,796	23,051	23,980	24,518	24,981	25,361	25,741	25,998	25,766	25,196	24,795	24,573	23,221	21,526
07/18/2016	EDT	20,176	19,217	18,649	18,359	18,429	19,012	20,312	22,262	24,038	25,679	27,117	28,159	28,983	29,485	29,783	29,538	29,119	28,141	27,358	26,660	26,026	25,421	23,692	21,723
07/19/2016	EDT	20,148	19,049	18,282	17,801	17,732	18,116	19,124	20,745	22,052	22,945	23,707	24,238	24,568	24,861	25,094	25,218	25,312	25,227	24,570	23,704	23,043	22,563	21,069	19,357
07/20/2016	EDT	17,890	16,894	16,262	15,835	15,812	16,292	17,439	19,127	20,502	21,502	22,326	22,924	23,380	23,971	24,512	24,954	25,352	25,400	24,764	23,856	23,233	22,755	21,274	19,593
07/21/2016	EDT	18,136	17,126	16,478	16,076	16,136	16,715	18,010	19,869	21,433	22,707	23,973	24,934	25,725	26,579	27,349	27,923	28,319	28,254	27,461	26,466	25,876	25,419	23,870	22,155
07/22/2016	EDT	20,657	19,479	18,729	18,341	18,380	18,974	20,286	22,101	23,738	25,202	26,608	27,833	28,849	29,802	30,453	30,923	31,187	31,064	30,295	29,307	28,520	27,911	26,347	24,444
07/23/2016	EDT	22,736	21,366	20,363	19,620	19,173	18,994	19,244	20,592	22,394	24,080	25,481	26,484	27,153	27,509	27,817	28,077	28,230	28,264	27,820	26,966	26,249	25,709	24,234	22,532
07/24/2016	EDT	20,978	19,720	18,718	18,023	17,571	17,258	17,292	18,282	19,822	21,358	22,941	24,262	25,138	25,782	26,240	26,543	26,771	26,776	26,430	25,778	25,637	25,432	24,087	22,403
07/25/2016	EDT	21,023	20,005	19,264	18,887	18,975	19,661	20,920	22,655	24,149	25,370	26,495	27,372	28,179	29,001	29,120	29,198	29,094	28,435	27,692	26,979	26,287	25,593	24,022	22,271
07/26/2016	EDT	20,710	19,579	18,844	18,403	18,350	18,844	20,076	21,990	23,545	24,967	26,112	26,930	27,589	28,172	28,650	29,112	29,420	29,491	28,903	27,862	27,020	26,244	24,436	22,437
07/27/2016	EDT	20,685	19,506	18,608	18,049	17,978	18,473	19,646	21,487	23,125	24,570	25,888	26,922	27,689	28,512	29,133	29,673	30,021	30,024	29,327	28,280	27,541	26,848	25,038	23,076

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
07/28/2016	EDT	21,440	20,237	19,405	18,921	18,886	19,426	20,627	22,549	24,290	25,779	27,104	28,125	28,833	29,524	29,994	30,219	30,058	29,512	28,424	27,470	27,051	26,346	24,629	22,865
07/29/2016	EDT	21,278	20,105	19,312	18,811	18,698	19,136	20,169	21,508	22,559	23,521	24,323	25,058	25,541	26,063	26,672	27,249	27,687	27,708	26,956	25,791	25,057	24,440	23,057	21,358
07/30/2016	EDT	19,950	18,855	18,068	17,570	17,273	17,258	17,496	18,573	20,067	21,448	22,644	23,520	24,020	24,223	24,391	24,188	23,822	23,483	22,996	22,617	22,611	22,288	21,356	20,182
07/31/2016	EDT	19,080	18,217	17,573	17,142	16,910	16,936	17,034	17,671	18,780	20,042	21,042	21,693	22,034	22,270	22,466	22,599	22,708	22,812	22,558	22,249	22,271	21,924	20,797	19,413
08/01/2016	EDT	18,245	17,447	16,918	16,646	16,773	17,501	18,669	20,103	21,300	22,141	22,853	23,392	23,669	24,032	24,404	24,684	24,974	24,920	24,274	23,618	23,310	22,650	21,082	19,394
08/02/2016	EDT	18,009	17,087	16,471	16,123	16,173	16,823	18,003	19,549	20,856	21,848	22,621	23,231	23,701	23,963	24,035	24,078	24,155	24,115	23,565	22,807	22,337	21,736	20,186	18,460
08/03/2016	EDT	17,168	16,240	15,604	15,296	15,321	15,971	17,098	18,793	20,224	21,258	22,211	22,987	23,503	24,031	24,495	24,861	25,153	25,137	24,506	23,530	22,935	22,276	20,761	19,043
08/04/2016	EDT	17,604	16,625	15,995	15,643	15,624	16,217	17,400	19,160	20,724	21,953	22,997	23,838	24,373	25,033	25,494	25,933	26,285	26,171	25,449	24,449	23,846	23,206	21,615	19,880
08/05/2016	EDT	18,434	17,432	16,746	16,332	16,299	16,866	17,955	19,620	21,171	22,441	23,606	24,612	25,336	26,001	26,483	26,786	26,854	26,514	25,535	24,659	24,268	23,732	22,375	20,870
08/06/2016	EDT	19,452	18,387	17,667	17,232	17,057	17,167	17,458	18,452	19,893	21,368	22,754	23,869	24,482	24,952	25,456	25,917	25,896	25,360	25,000	24,261	23,828	23,316	21,947	20,357
08/07/2016	EDT	18,904	17,823	17,007	16,445	16,084	15,919	15,872	16,704	18,119	19,536	20,778	21,763	22,490	23,029	23,460	23,819	24,222	24,428	24,162	23,419	23,120	22,643	21,294	19,758
08/08/2016	EDT	18,501	17,538	16,919	16,555	16,574	17,147	18,164	19,886	21,384	22,573	23,731	24,587	25,114	25,568	25,954	26,217	26,489	26,438	25,849	24,985	24,471	23,593	21,883	20,072
08/09/2016	EDT	18,629	17,574	16,910	16,501	16,513	17,080	18,240	19,972	21,540	22,887	24,081	24,985	25,685	26,382	26,996	27,450	27,813	27,745	26,949	25,942	25,733	25,065	23,560	21,926
08/10/2016	EDT	20,546	19,601	18,944	18,603	18,641	19,415	20,833	22,453	23,843	24,973	25,901	26,703	27,322	27,724	28,232	28,906	29,434	29,326	28,756	28,143	27,961	27,180	25,463	23,608
08/11/2016	EDT	22,053	20,944	20,181	19,753	19,699	20,409	21,719	23,495	25,187	26,741	28,361	29,612	30,551	31,406	31,836	31,997	32,076	31,861	30,866	30,060	29,561	28,487	26,667	24,785
08/12/2016	EDT	23,006	21,480	20,619	20,154	20,094	20,711	21,968	23,735	25,514	27,137	28,809	30,143	30,914	31,174	31,477	31,412	31,188	30,977	30,476	29,410	28,870	27,904	26,354	24,588
08/13/2016	EDT	23,092	21,893	21,116	20,614	20,337	20,489	20,791	22,021	24,030	26,103	27,957	29,331	30,143	30,404	30,553	30,529	30,263	30,040	29,478	28,786	28,352	27,456	26,193	24,737
08/14/2016	EDT	23,060	21,986	21,151	20,529	20,190	20,224	20,334	21,254	22,877	24,613	26,030	27,244	28,122	28,626	28,988	28,952	28,997	28,914	28,576	27,944	27,560	26,728	25,203	23,520
08/15/2016	EDT	22,091	21,038	20,252	19,795	19,733	20,351	21,428	22,931	24,481	25,856	26,996	27,732	28,291	28,894	29,288	29,739	29,910	29,662	28,882	28,072	27,932	26,937	25,160	23,347
08/16/2016	EDT	21,760	20,691	19,946	19,547	19,546	20,219	21,472	23,099	24,606	25,948	27,066	27,979	28,633	29,146	29,546	29,935	30,281	30,357	29,698	29,099	28,576	27,640	25,984	24,236
08/17/2016	EDT	22,723	21,377	20,368	19,885	19,758	20,298	21,408	22,717	23,903	24,854	25,536	26,062	26,459	26,958	27,388	27,808	28,070	27,880	27,033	26,153	25,974	25,093	23,555	21,744
08/18/2016	EDT	20,233	19,221	18,533	18,156	18,162	18,796	20,049	21,366	22,585	23,514	24,347	25,013	25,622	26,341	26,897	27,278	27,618	27,675	27,007	26,081	25,825	24,928	23,367	21,660
08/19/2016	EDT	20,177	19,129	18,434	17,997	17,973	18,568	19,684	21,281	22,899	24,264	25,363	26,266	26,903	27,459	27,880	28,174	28,296	28,064	27,172	26,104	25,673	24,592	23,121	21,440
08/20/2016	EDT	19,996	18,945	18,160	17,649	17,444	17,498	17,663	18,648	20,300	21,949	23,338	24,376	24,845	25,058	24,970	24,919	25,312	25,401	24,857	24,173	24,181	23,591	22,432	21,124
08/21/2016	EDT	20,021	19,141	18,473	18,070	17,876	17,909	18,002	18,758	20,045	21,462	22,652	23,530	24,100	24,484	24,639	24,548	24,351	24,232	23,907	23,662	23,665	22,892	21,633	20,301
08/22/2016	EDT	19,047	18,023	17,333	16,914	16,824	17,350	18,299	19,698	20,854	21,638	22,153	22,467	22,667	22,888	23,076	23,182	23,207	22,989	22,172	21,312	21,149	20,184	18,659	17,147
08/23/2016	EDT	15,985	15,201	14,653	14,371	14,435	15,116	16,200	17,648	18,881	19,820	20,631	21,234	21,664	22,158	22,730	23,185	23,547	23,579	22,992	22,249	22,170	21,311	19,866	18,359
08/24/2016	EDT	17,095	16,253	15,656	15,317	15,332	16,057	17,196	18,722	20,176	21,357	22,511	23,441	24,189	24,919	25,539	26,106	26,458	26,344	25,461	24,631	24,436	23,466	21,887	20,160
08/25/2016	EDT	18,778	17,770	17,125	16,787	16,820	17,464	18,669	20,168	21,577	22,748	23,799	24,575	25,140	25,661	26,064	26,373	26,420	26,213	25,726	25,451	25,488	24,611	23,050	21,376
08/26/2016	EDT	20,039	19,074	18,428	18,048	18,080	18,783	20,042	21,607	23,143	24,749	26,166	27,329	28,076	28,701	29,168	29,457	29,555	29,241	28,159	27,033	26,406	25,170	23,484	21,674
08/27/2016	EDT	20,072	18,891	18,015	17,356	17,016	17,022	17,182	18,017	19,569	21,013	22,290	23,245	23,946	24,462	24,886	25,162	25,307	25,196	24,530	23,695	23,480	22,583	21,366	20,012
08/28/2016	EDT	18,843	17,916	17,239	16,778	16,547	16,578	16,684	17,433	18,933	20,498	21,888	23,002	23,887	24,559	25,050	25,460	25,672	25,584	25,052	24,499	24,540	23,741	22,445	20,938
08/29/2016	EDT	19,667	18,748	18,145	17,811	17,859	18,541	19,586	21,117	22,666	24,083	25,410	26,504	27,240	27,852	28,254	28,538	28,629	28,362	27,349	26,288	25,782	24,373	22,467	20,417
08/30/2016	EDT	18,834	17,783	17,043	16,574	16,530	17,135	18,202	19,584	20,972	22,174	23,259	24,070	24,684	25,335	25,885	26,343	26,621	26,447	25,541	24,828	24,637	23,561	22,024	20,313
08/31/2016	EDT	18,909	18,046	17,490	17,193	17,262	18,031	19,472	20,948	22,238	23,389	24,274	24,942	25,445	25,962	26,335	26,596	26,597	26,169	25,488	25,258	25,223	24,205	22,622	20,894
09/01/2016	EDT	19,464	18,457	17,768	17,426	17,401	18,025	19,410	20,629	21,657	22,376	22,850	23,145	23,460	23,880	23,935	23,726	23,561	23,340	22,770	22,477	22,439	21,594	20,208	18,452

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Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
09/02/2016	EDT	17,148	16,220	15,580	15,221	15,202	15,776	16,870	18,064	19,307	20,237	20,927	21,388	21,776	22,225	22,502	22,601	22,685	22,492	21,652	21,162	20,910	20,028	18,798	17,445
09/03/2016	EDT	16,275	15,448	14,913	14,565	14,444	14,610	14,945	15,567	16,574	17,422	18,034	18,341	18,551	18,579	18,554	18,674	18,860	18,958	18,783	18,664	18,730	18,063	17,157	16,129
09/04/2016	EDT	15,214	14,544	14,014	13,702	13,543	13,575	13,696	14,108	15,150	16,084	16,891	17,486	17,965	18,327	18,677	19,104	19,477	19,677	19,439	19,318	19,364	18,692	17,738	16,559
09/05/2016	EDT	15,443	14,640	14,074	13,774	13,699	13,885	14,194	14,627	15,568	16,583	17,449	18,062	18,507	19,084	19,646	20,216	20,793	21,136	21,030	21,080	21,239	20,372	18,968	17,589
09/06/2016	EDT	16,529	15,796	15,290	15,075	15,204	16,039	17,584	18,928	20,039	21,005	21,851	22,427	22,969	23,577	23,922	24,052	24,235	24,264	23,853	23,795	23,529	22,402	20,786	19,108
09/07/2016	EDT	17,784	16,956	16,404	16,146	16,224	17,077	18,702	20,129	21,310	22,239	23,067	23,909	24,669	25,366	25,757	26,158	26,658	26,664	26,019	25,637	25,404	24,175	22,431	20,596
09/08/2016	EDT	19,154	18,162	17,523	17,169	17,210	18,059	19,801	21,224	22,518	23,727	24,915	25,899	26,689	27,494	28,144	28,690	29,004	28,846	27,990	27,701	27,304	26,134	24,478	22,643
09/09/2016	EDT	21,115	20,079	19,414	19,045	19,134	19,997	21,813	23,235	24,494	25,796	26,885	27,742	28,561	28,984	29,093	29,437	29,637	29,164	28,177	27,625	27,068	25,882	24,226	22,395
09/10/2016	EDT	20,896	19,766	18,922	18,341	18,075	18,212	18,615	19,412	20,837	22,372	23,796	24,931	25,947	26,743	27,185	27,337	27,454	27,308	26,818	26,625	26,255	25,275	23,953	22,492
09/11/2016	EDT	21,107	19,958	19,140	18,570	18,161	18,141	18,294	18,678	19,743	20,801	21,337	21,438	21,530	21,607	21,718	21,894	22,172	22,140	21,593	21,411	21,230	20,116	18,665	17,168
09/12/2016	EDT	16,049	15,263	14,780	14,477	14,557	15,284	16,759	17,920	18,889	19,705	20,366	20,795	21,068	21,409	21,668	21,989	22,272	22,216	21,544	21,340	20,945	19,811	18,281	16,779
09/13/2016	EDT	15,638	14,925	14,471	14,271	14,398	15,220	16,843	18,098	19,138	19,995	20,677	21,287	21,797	22,347	22,841	23,302	23,628	23,539	22,779	22,689	22,347	21,202	19,590	17,986
09/14/2016	EDT	16,763	15,976	15,477	15,248	15,350	16,203	17,952	19,292	20,418	21,328	22,209	22,921	23,558	24,150	24,564	24,992	25,208	24,597	23,487	23,335	22,907	21,686	19,906	17,949
09/15/2016	EDT	16,460	15,459	14,822	14,451	14,434	15,123	16,646	17,703	18,493	19,004	19,435	19,676	19,812	20,036	20,187	20,456	20,707	20,610	20,021	20,051	19,643	18,598	17,272	15,898
09/16/2016	EDT	14,832	14,161	13,769	13,550	13,653	14,396	16,002	17,242	18,130	18,841	19,273	19,540	19,734	19,942	20,086	20,197	20,327	20,142	19,535	19,566	19,146	18,275	17,093	15,863
09/17/2016	EDT	14,816	14,118	13,662	13,393	13,324	13,536	14,061	14,745	15,899	16,813	17,462	17,899	18,142	18,360	18,576	18,755	18,981	19,103	19,094	19,477	19,302	18,719	17,853	16,871
09/18/2016	EDT	15,981	15,296	14,826	14,535	14,435	14,571	14,919	15,513	16,728	17,908	18,879	19,674	20,375	20,844	21,301	21,632	21,803	21,946	21,966	22,459	22,232	21,252	19,912	18,499
09/19/2016	EDT	17,436	16,650	16,187	16,004	16,192	17,104	19,017	20,207	21,139	21,844	22,347	22,563	22,669	22,781	22,807	22,816	22,888	22,820	22,525	22,620	22,074	20,905	19,380	17,793
09/20/2016	EDT	16,547	15,780	15,292	15,072	15,226	16,105	17,973	19,281	20,220	20,989	21,712	22,330	22,945	23,571	24,018	24,413	24,611	24,400	23,841	23,886	23,254	22,009	20,292	18,510
09/21/2016	EDT	17,111	16,253	15,649	15,318	15,369	16,154	17,898	19,089	19,898	20,559	21,117	21,522	21,978	22,534	22,964	23,328	23,523	23,301	22,632	22,594	21,904	20,679	19,082	17,424
09/22/2016	EDT	16,165	15,352	14,836	14,572	14,642	15,426	17,081	18,259	19,265	20,130	20,951	21,621	22,205	22,811	23,313	23,764	24,006	23,736	22,865	22,749	21,939	20,707	19,121	17,577
09/23/2016	EDT	16,387	15,579	15,052	14,774	14,848	15,599	17,334	18,623	19,635	20,493	21,070	21,474	21,788	22,239	22,533	22,859	23,089	22,831	22,054	21,853	21,213	20,195	18,987	17,584
09/24/2016	EDT	16,259	15,245	14,545	14,121	13,936	14,066	14,543	15,095	15,953	16,552	16,908	16,962	16,942	16,959	17,019	17,035	17,212	17,275	17,217	17,593	17,276	16,629	15,745	14,724
09/25/2016	EDT	13,859	13,245	12,851	12,606	12,509	12,641	12,976	13,421	14,258	14,928	15,343	15,534	15,731	15,868	15,982	16,169	16,493	16,811	17,012	17,617	17,263	16,457	15,362	14,234
09/26/2016	EDT	13,437	12,926	12,669	12,580	12,812	13,685	15,423	16,584	17,292	17,837	18,222	18,453	18,593	18,767	18,874	18,909	19,009	19,051	19,180	19,545	18,980	17,832	16,656	15,398
09/27/2016	EDT	14,386	13,809	13,457	13,339	13,534	14,427	16,302	17,598	18,381	18,907	19,240	19,442	19,587	19,761	19,846	19,984	20,060	19,971	19,702	20,071	19,471	18,418	17,008	15,575
09/28/2016	EDT	14,550	13,905	13,493	13,317	13,475	14,300	16,075	17,324	18,086	18,660	19,068	19,287	19,304	19,322	19,247	19,158	19,137	19,103	19,104	19,292	18,650	17,598	16,211	14,877
09/29/2016	EDT	13,888	13,316	12,987	12,871	13,052	13,905	15,697	17,009	17,742	18,170	18,408	18,489	18,436	18,416	18,309	18,266	18,384	18,450	18,609	18,887	18,295	17,366	16,021	14,722
09/30/2016	EDT	13,719	13,074	12,735	12,614	12,787	13,590	15,334	16,671	17,468	17,958	18,270	18,297	18,229	18,226	18,139	18,094	18,084	18,053	18,155	18,260	17,694	16,939	15,860	14,743
10/01/2016	EDT	13,759	13,100	12,702	12,499	12,500	12,781	13,419	14,164	15,159	15,941	16,378	16,610	16,610	16,545	16,457	16,385	16,412	16,647	17,026	17,318	16,936	16,320	15,445	14,434
10/02/2016	EDT	13,592	12,951	12,540	12,310	12,253	12,411	12,823	13,311	14,210	15,042	15,686	16,041	16,226	16,286	16,333	16,354	16,579	16,883	17,196	17,507	17,067	16,288	15,331	14,287
10/03/2016	EDT	13,466	12,962	12,683	12,591	12,793	13,624	15,165	16,393	17,189	17,761	18,154	18,301	18,374	18,455	18,527	18,572	18,676	18,763	18,868	19,229	18,571	17,601	16,314	15,030
10/04/2016	EDT	14,003	13,411	13,008	12,865	13,004	13,769	15,396	16,591	17,292	17,817	18,097	18,202	18,262	18,369	18,360	18,381	18,506	18,573	18,778	19,094	18,501	17,439	16,080	14,752
10/05/2016	EDT	13,735	13,125	12,714	12,534	12,735	13,537	15,336	16,516	17,086	17,422	17,637	17,767	17,863	18,026	18,120	18,250	18,444	18,502	18,606	18,989	18,360	17,331	16,030	14,685
10/06/2016	EDT	13,732	13,125	12,769	12,634	12,793	13,609	15,406	16,591	17,181	17,560	17,815	18,042	18,195	18,413	18,577	18,770	18,958	18,959	18,992	19,284	18,627	17,582	16,187	14,840
10/07/2016	EDT	13,820	13,194	12,803	12,624	12,783	13,602	15,388	16,611	17,296	17,765	18,074	18,313	18,455	18,680	18,801	18,812	18,834	18,666	18,557	18,672	18,062	17,255	16,193	15,021

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
10/08/2016	EDT	14,034	13,338	12,941	12,711	12,678	12,932	13,516	14,210	15,156	15,881	16,390	16,623	16,750	16,707	16,639	16,576	16,688	16,976	17,463	17,594	17,190	16,553	15,679	14,720
10/09/2016	EDT	13,924	13,286	12,859	12,593	12,431	12,520	12,903	13,435	14,277	15,075	15,604	15,859	15,932	15,973	15,882	15,891	16,000	16,149	16,660	17,060	16,718	15,948	15,155	14,236
10/10/2016	EDT	13,342	12,759	12,434	12,321	12,489	13,187	14,444	15,553	16,443	16,936	17,138	17,150	17,075	17,059	17,020	17,054	17,290	17,611	18,114	18,537	17,994	17,080	15,830	14,582
10/11/2016	EDT	13,646	13,108	12,786	12,679	12,907	13,870	15,728	16,973	17,454	17,605	17,653	17,604	17,564	17,591	17,596	17,637	17,813	18,004	18,472	18,670	18,075	17,111	15,889	14,683
10/12/2016	EDT	13,693	13,117	12,798	12,685	12,881	13,673	15,282	16,422	17,028	17,411	17,617	17,701	17,725	17,764	17,744	17,762	17,870	18,039	18,419	18,765	18,197	17,258	15,971	14,673
10/13/2016	EDT	13,714	13,122	12,787	12,695	12,859	13,697	15,506	16,786	17,428	17,813	18,085	18,244	18,270	18,336	18,251	18,174	18,217	18,314	18,663	18,838	18,295	17,309	15,961	14,666
10/14/2016	EDT	13,691	13,100	12,799	12,694	12,900	13,789	15,620	16,883	17,367	17,546	17,542	17,436	17,298	17,259	17,177	17,165	17,342	17,506	17,910	18,079	17,606	16,889	15,924	14,811
10/15/2016	EDT	13,836	13,256	12,913	12,746	12,762	13,091	13,800	14,498	15,309	15,727	15,864	15,808	15,674	15,524	15,455	15,462	15,651	15,989	16,635	16,956	16,632	16,078	15,289	14,397
10/16/2016	EDT	13,606	13,001	12,589	12,362	12,361	12,554	12,991	13,470	14,224	14,876	15,301	15,500	15,637	15,700	15,746	15,882	16,198	16,706	17,451	17,664	17,204	16,377	15,345	14,308
10/17/2016	EDT	13,471	12,933	12,651	12,558	12,794	13,667	15,527	16,960	17,630	18,096	18,553	18,876	19,071	19,293	19,425	19,505	19,632	19,756	20,132	20,153	19,415	18,361	16,944	15,582
10/18/2016	EDT	14,599	13,936	13,520	13,343	13,537	14,389	16,279	17,607	18,249	18,839	19,348	19,735	20,060	20,406	20,592	20,756	20,836	20,845	21,143	21,070	20,320	19,130	17,682	16,265
10/19/2016	EDT	15,171	14,470	14,007	13,780	13,880	14,753	16,676	18,018	18,637	19,274	19,722	20,024	20,292	20,592	20,793	20,894	20,954	20,702	20,738	20,565	19,699	18,452	17,108	15,664
10/20/2016	EDT	14,526	13,788	13,341	13,103	13,230	14,023	15,900	17,229	17,801	18,233	18,581	18,809	18,901	18,959	18,953	18,923	19,126	19,350	19,699	19,456	18,815	17,856	16,661	15,410
10/21/2016	EDT	14,439	13,858	13,485	13,344	13,504	14,333	16,183	17,679	18,471	19,092	19,435	19,565	19,489	19,509	19,331	19,254	19,347	19,348	19,543	19,284	18,576	17,749	16,697	15,489
10/22/2016	EDT	14,380	13,607	13,151	12,864	12,776	13,019	13,636	14,431	15,296	16,072	16,522	16,727	16,743	16,653	16,506	16,380	16,492	16,869	17,452	17,463	17,061	16,514	15,696	14,732
10/23/2016	EDT	13,978	13,361	12,983	12,734	12,664	12,872	13,369	13,846	14,538	15,104	15,356	15,475	15,478	15,440	15,461	15,517	15,834	16,317	17,237	17,367	16,947	16,115	15,093	14,067
10/24/2016	EDT	13,327	12,827	12,531	12,424	12,589	13,594	15,478	16,848	17,312	17,619	17,808	17,875	17,832	17,767	17,659	17,668	17,864	18,221	19,045	19,013	18,400	17,441	16,159	14,852
10/25/2016	EDT	13,897	13,388	13,064	12,963	13,204	14,125	16,063	17,429	17,809	17,936	17,992	18,017	17,977	17,834	17,755	17,730	17,973	18,424	19,236	19,282	18,698	17,787	16,474	15,140
10/26/2016	EDT	14,184	13,624	13,329	13,234	13,481	14,449	16,393	17,740	18,050	18,163	18,186	18,131	17,993	17,901	17,807	17,825	18,083	18,549	19,447	19,383	18,845	17,959	16,683	15,334
10/27/2016	EDT	14,407	13,833	13,536	13,463	13,709	14,643	16,557	18,037	18,553	18,970	19,266	19,389	19,386	19,406	19,392	19,444	19,639	19,961	20,102	19,781	19,114	18,083	16,773	15,408
10/28/2016	EDT	14,427	13,808	13,432	13,313	13,520	14,398	16,270	17,698	18,119	18,394	18,492	18,484	18,389	18,186	17,965	17,819	17,897	18,225	18,867	18,726	18,248	17,552	16,577	15,434
10/29/2016	EDT	14,527	13,911	13,572	13,360	13,374	13,698	14,384	15,171	15,913	16,455	16,830	16,770	16,551	16,363	16,243	16,191	16,352	16,831	17,507	17,375	16,970	16,326	15,477	14,503
10/30/2016	EDT	13,721	13,081	12,686	12,480	12,411	12,602	13,045	13,603	14,295	14,999	15,442	15,773	16,050	16,241	16,356	16,524	16,919	17,522	17,955	17,760	17,314	16,527	15,480	14,410
10/31/2016	EDT	13,558	13,048	12,753	12,687	12,907	13,834	15,789	17,363	17,807	17,939	17,971	17,921	17,785	17,700	17,585	17,605	17,769	18,037	18,651	18,525	18,248	17,577	16,366	15,077
11/01/2016	EDT	14,182	13,695	13,416	13,343	13,600	14,540	16,484	17,894	18,180	18,234	18,153	17,957	17,882	17,801	17,686	17,751	17,961	18,453	19,228	19,046	18,459	17,528	16,228	14,893
11/02/2016	EDT	13,882	13,296	12,949	12,817	13,003	13,878	15,750	17,186	17,533	17,750	17,860	17,874	17,799	17,892	17,902	17,936	18,162	18,661	19,264	19,014	18,331	17,395	16,107	14,871
11/03/2016	EDT	13,925	13,225	12,813	12,661	12,856	13,705	15,638	17,228	17,780	18,192	18,429	18,506	18,404	18,482	18,414	18,340	18,482	18,786	19,216	18,895	18,245	17,274	16,004	14,675
11/04/2016	EDT	13,714	13,142	12,787	12,664	12,857	13,732	15,585	17,124	17,516	17,721	17,771	17,743	17,564	17,453	17,339	17,325	17,455	17,781	18,422	18,214	17,728	17,086	16,106	14,967
11/05/2016	EDT	14,065	13,468	13,093	12,912	12,933	13,277	14,002	14,920	15,647	16,105	16,307	16,301	16,145	15,959	15,842	15,848	16,064	16,555	17,369	17,233	16,824	16,283	15,510	14,567
11/06/2016	EST	13,724	13,124	12,660	12,453	12,371	12,467	12,830	13,349	14,070	14,835	15,310	15,517	15,638	15,641	15,592	15,674	15,946	16,685	17,946	17,987	17,670	17,150	16,344	15,287
11/07/2016	EST	13,623	13,256	13,067	13,068	13,429	14,538	16,424	17,528	17,874	18,075	18,092	18,003	17,867	17,846	17,828	17,942	18,496	19,648	19,609	19,163	18,529	17,603	16,312	15,052
11/08/2016	EST	14,207	13,688	13,467	13,428	13,746	14,781	16,372	17,325	17,701	17,770	17,822	17,772	17,721	17,817	17,872	17,955	18,522	19,511	19,359	18,905	18,273	17,332	16,154	15,038
11/09/2016	EST	14,272	13,679	13,242	13,046	13,216	14,145	15,957	17,120	17,788	18,193	18,409	18,457	18,448	18,445	18,420	18,565	19,241	19,900	19,662	19,164	18,454	17,486	16,194	14,932
11/10/2016	EST	14,120	13,586	13,317	13,300	13,623	14,662	16,412	17,540	17,958	18,105	18,081	17,969	17,906	17,912	17,905	17,999	18,545	19,564	19,433	18,972	18,365	17,505	16,387	15,130
11/11/2016	EST	14,185	13,579	13,225	13,087	13,272	13,989	15,273	16,407	17,244	17,725	17,916	17,930	17,807	17,773	17,790	17,901	18,471	19,391	19,119	18,638	18,102	17,403	16,457	15,391
11/12/2016	EST	14,566	14,000	13,652	13,455	13,556	13,976	14,653	15,346	16,068	16,495	16,665	16,620	16,460	16,303	16,227	16,393	17,075	18,229	18,248	17,913	17,514	16,880	16,024	15,050

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
11/13/2016	EST	14,324	13,778	13,418	13,208	13,205	13,472	13,906	14,410	15,126	15,525	15,671	15,777	15,781	15,735	15,777	15,994	16,756	17,927	18,056	17,787	17,376	16,644	15,594	14,575
11/14/2016	EST	13,828	13,391	13,181	13,175	13,512	14,593	16,388	17,570	17,895	17,953	18,003	17,894	17,763	17,732	17,753	17,936	18,682	19,691	19,515	19,021	18,399	17,446	16,178	14,892
11/15/2016	EST	13,940	13,433	13,151	13,065	13,339	14,314	16,194	17,501	18,123	18,491	18,749	18,813	18,677	18,607	18,529	18,583	19,267	20,052	19,802	19,293	18,619	17,619	16,313	15,002
11/16/2016	EST	14,060	13,501	13,193	13,110	13,372	14,345	16,156	17,238	17,664	17,824	17,898	17,876	17,800	17,869	17,884	18,087	18,774	19,690	19,464	19,030	18,378	17,461	16,179	14,895
11/17/2016	EST	13,994	13,455	13,176	13,098	13,351	14,308	16,069	17,182	17,622	17,797	17,822	17,836	17,753	17,763	17,716	17,837	18,492	19,524	19,391	19,024	18,458	17,551	16,274	15,043
11/18/2016	EST	14,139	13,608	13,314	13,210	13,466	14,411	16,146	17,276	17,684	17,801	17,805	17,712	17,561	17,517	17,524	17,639	18,146	19,074	18,757	18,266	17,725	17,004	16,060	14,939
11/19/2016	EST	14,069	13,487	13,142	12,999	13,085	13,479	14,106	14,752	15,480	15,945	16,138	16,122	16,104	16,090	16,200	16,406	17,173	18,052	17,973	17,623	17,198	16,551	15,703	14,822
11/20/2016	EST	14,146	13,701	13,376	13,246	13,285	13,587	14,079	14,708	15,631	16,417	17,011	17,315	17,509	17,633	17,798	18,012	18,859	19,850	19,711	19,378	18,844	17,984	16,858	15,789
11/21/2016	EST	14,966	14,489	14,251	14,213	14,538	15,473	17,313	18,530	19,187	19,659	19,907	19,920	19,866	19,922	19,895	20,071	20,788	21,613	21,411	20,908	20,197	19,239	17,898	16,539
11/22/2016	EST	15,560	14,958	14,637	14,558	14,810	15,777	17,585	18,718	19,152	19,328	19,422	19,426	19,322	19,277	19,251	19,452	20,204	21,188	20,992	20,562	19,943	19,023	17,776	16,423
11/23/2016	EST	15,450	14,879	14,554	14,449	14,652	15,494	17,034	18,189	18,779	19,029	19,061	18,928	18,700	18,612	18,543	18,634	19,448	20,395	20,172	19,678	19,102	18,286	17,180	15,942
11/24/2016	EST	14,917	14,242	13,828	13,623	13,646	13,980	14,573	15,223	16,129	16,909	17,431	17,777	17,837	17,510	17,103	16,774	16,878	16,892	16,613	16,405	16,244	15,931	15,323	14,608
11/25/2016	EST	13,947	13,457	13,160	13,055	13,190	13,706	14,532	15,359	16,149	16,696	16,949	17,002	16,968	16,958	16,999	17,252	17,984	18,648	18,358	17,912	17,445	16,833	15,961	14,976
11/26/2016	EST	14,098	13,528	13,180	13,010	13,070	13,380	14,017	14,675	15,526	16,217	16,561	16,684	16,709	16,589	16,495	16,645	17,431	18,322	18,271	17,954	17,599	17,078	16,254	15,284
11/27/2016	EST	14,450	13,865	13,455	13,317	13,342	13,579	14,041	14,540	15,239	15,808	16,182	16,409	16,566	16,614	16,692	16,918	17,913	19,008	19,013	18,717	18,246	17,413	16,315	15,225
11/28/2016	EST	14,411	13,924	13,690	13,677	14,022	15,029	16,914	18,119	18,441	18,465	18,411	18,285	18,134	18,111	18,079	18,338	19,399	20,574	20,425	20,051	19,441	18,422	17,082	15,658
11/29/2016	EST	14,589	13,998	13,655	13,524	13,761	14,663	16,514	17,906	18,385	18,790	19,036	19,169	19,183	19,173	19,090	19,189	19,744	20,414	20,138	19,642	18,973	17,935	16,596	15,167
11/30/2016	EST	14,154	13,571	13,244	13,137	13,346	14,272	16,116	17,410	17,922	18,248	18,479	18,609	18,610	18,713	18,754	18,985	19,752	20,298	20,023	19,476	18,828	17,909	16,636	15,234
12/01/2016	EST	14,230	13,620	13,251	13,103	13,330	14,244	16,124	17,386	17,795	18,072	18,216	18,234	18,197	18,312	18,468	18,713	19,557	20,418	20,242	19,817	19,233	18,345	17,004	15,597
12/02/2016	EST	14,590	13,990	13,639	13,526	13,761	14,713	16,511	17,716	18,134	18,354	18,457	18,366	18,275	18,335	18,401	18,623	19,436	20,213	19,919	19,459	18,943	18,223	17,129	15,910
12/03/2016	EST	14,840	14,185	13,791	13,615	13,678	14,087	14,754	15,556	16,349	16,868	17,125	17,180	17,149	17,066	17,060	17,229	18,172	19,115	19,022	18,708	18,272	17,582	16,751	15,732
12/04/2016	EST	14,754	14,066	13,653	13,457	13,480	13,778	14,316	14,846	15,592	16,123	16,423	16,527	16,539	16,555	16,617	16,987	18,302	19,528	19,545	19,327	18,832	18,004	16,809	15,557
12/05/2016	EST	14,623	14,130	13,885	13,910	14,232	15,194	16,965	18,429	18,961	19,267	19,445	19,280	19,043	18,930	18,925	19,084	20,029	21,143	21,009	20,589	19,942	18,977	17,525	15,988
12/06/2016	EST	14,923	14,342	14,052	13,967	14,265	15,266	17,190	18,422	18,812	18,910	18,897	18,877	18,819	18,883	18,978	19,333	20,428	21,200	21,025	20,626	20,018	19,044	17,604	16,102
12/07/2016	EST	14,988	14,391	14,043	13,917	14,174	15,155	17,010	18,342	18,859	19,171	19,320	19,293	19,090	19,022	18,935	19,099	20,062	21,175	21,043	20,589	20,019	19,076	17,642	16,165
12/08/2016	EST	15,088	14,479	14,167	14,052	14,326	15,369	17,185	18,440	18,907	19,175	19,251	19,207	19,094	19,100	19,087	19,325	20,330	21,430	21,314	20,951	20,401	19,486	18,109	16,711
12/09/2016	EST	15,648	15,065	14,723	14,657	14,916	15,890	17,699	18,879	19,255	19,418	19,515	19,457	19,333	19,360	19,408	19,686	20,633	21,658	21,428	20,979	20,431	19,685	18,536	17,258
12/10/2016	EST	16,194	15,511	15,116	14,965	14,998	15,401	16,152	16,892	17,669	18,156	18,303	18,324	18,267	18,265	18,249	18,403	19,347	20,497	20,434	20,112	19,649	19,061	18,180	17,141
12/11/2016	EST	16,209	15,581	15,199	14,996	15,000	15,243	15,766	16,353	17,082	17,603	17,966	18,048	18,200	18,352	18,479	18,764	19,921	20,946	20,914	20,601	20,066	19,136	17,862	16,591
12/12/2016	EST	15,617	15,045	14,759	14,634	14,866	15,762	17,372	18,824	19,368	19,718	19,976	19,990	19,864	19,808	19,722	19,842	20,683	21,730	21,568	21,174	20,522	19,533	18,080	16,563
12/13/2016	EST	15,479	14,883	14,591	14,510	14,785	15,773	17,673	18,899	19,236	19,297	19,302	19,250	19,155	19,172	19,246	19,622	20,711	21,678	21,511	21,083	20,483	19,510	18,051	16,563
12/14/2016	EST	15,452	14,840	14,535	14,492	14,798	15,829	17,829	19,069	19,361	19,482	19,508	19,438	19,289	19,299	19,416	19,793	20,964	22,208	22,141	21,815	21,283	20,328	18,896	17,438
12/15/2016	EST	16,376	15,792	15,513	15,486	15,815	16,891	18,832	20,147	20,591	20,985	21,328	21,295	21,285	21,373	21,548	21,797	22,903	24,164	24,079	23,734	23,123	22,183	20,708	19,157
12/16/2016	EST	18,050	17,402	17,061	16,952	17,211	18,206	20,008	21,221	21,646	21,939	21,840	21,629	21,339	21,235	21,214	21,453	22,419	23,273	23,040	22,550	22,015	21,198	20,004	18,633
12/17/2016	EST	17,475	16,748	16,287	16,113	16,150	16,485	17,165	17,979	18,929	19,754	20,265	20,320	20,108	19,778	19,493	19,494	20,277	21,097	20,895	20,443	19,887	19,158	18,201	17,030
12/18/2016	EST	16,042	15,301	14,821	14,555	14,503	14,706	15,152	15,775	16,639	17,416	17,853	18,105	18,234	18,188	18,269	18,619	19,669	20,744	20,795	20,612	20,237	19,551	18,419	17,206

Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
12/19/2016	EST	16,285	15,773	15,520	15,501	15,813	16,887	18,752	20,214	20,765	20,909	20,819	20,662	20,478	20,441	20,502	20,846	21,918	23,195	23,194	22,907	22,392	21,508	20,043	18,508
12/20/2016	EST	17,394	16,780	16,469	16,387	16,654	17,652	19,431	20,676	21,012	21,042	20,953	20,769	20,486	20,412	20,363	20,502	21,446	22,744	22,663	22,250	21,729	20,756	19,235	17,685
12/21/2016	EST	16,554	15,919	15,566	15,457	15,740	16,699	18,477	19,703	20,015	20,068	20,043	19,983	19,920	19,843	19,790	19,968	20,964	21,987	21,892	21,520	20,950	20,043	18,671	17,135
12/22/2016	EST	15,952	15,291	15,017	14,885	15,104	15,977	17,689	18,990	19,552	19,856	19,933	19,763	19,445	19,273	19,222	19,454	20,369	21,481	21,366	21,012	20,507	19,657	18,399	16,949
12/23/2016	EST	15,720	15,003	14,614	14,489	14,698	15,501	17,043	18,227	18,661	18,805	18,796	18,632	18,405	18,260	18,226	18,459	19,512	20,638	20,474	20,081	19,596	18,959	17,877	16,635
12/24/2016	EST	15,523	14,763	14,304	14,052	14,027	14,300	14,905	15,810	16,756	17,739	18,311	18,533	18,464	18,222	17,840	17,675	18,247	19,005	18,663	18,204	17,848	17,491	16,847	16,026
12/25/2016	EST	15,193	14,532	14,082	13,848	13,810	13,996	14,449	15,024	15,614	16,007	16,143	16,168	16,108	15,996	15,933	16,017	16,692	17,729	17,762	17,773	17,777	17,600	16,897	16,020
12/26/2016	EST	15,244	14,730	14,447	14,344	14,471	14,830	15,521	16,176	16,835	17,540	18,027	18,297	18,364	18,375	18,387	18,531	19,317	20,169	19,985	19,584	19,006	18,213	17,028	15,757
12/27/2016	EST	14,718	14,049	13,680	13,504	13,679	14,399	15,641	16,821	17,596	18,228	18,663	18,721	18,454	18,402	18,348	18,482	19,295	20,389	20,274	19,871	19,324	18,536	17,417	16,166
12/28/2016	EST	15,148	14,571	14,248	14,123	14,319	15,073	16,398	17,554	18,278	18,835	19,130	19,259	19,258	19,241	19,202	19,347	20,146	21,183	21,041	20,616	20,037	19,186	18,005	16,698
12/29/2016	EST	15,708	15,092	14,743	14,610	14,794	15,516	16,770	17,993	18,749	19,430	19,840	20,013	20,028	19,945	19,796	19,844	20,453	21,244	20,974	20,479	19,918	19,096	17,897	16,644
12/30/2016	EST	15,611	14,975	14,630	14,498	14,668	15,366	16,571	17,626	18,304	18,812	19,097	19,294	19,257	19,256	19,097	19,171	19,918	21,104	20,922	20,463	19,938	19,281	18,298	17,190
12/31/2016	EST	16,153	15,485	15,077	14,855	14,871	15,117	15,698	16,326	16,955	17,668	17,998	18,049	17,972	17,863	17,847	18,117	19,122	20,159	19,927	19,330	18,664	17,933	17,134	16,400

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Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2016

Utility Code: 13501
Utility Name: New York Independent System Operator, Inc.

Part III - Schedule 2. Forecast Summer and Winter Peak Demand and Annual Net Energy for Load

Provide the planning area's forecast summer and winter peak demand, in megawatts, and annual net energy for load, in megawatthours, for the next ten years.

Line No (a)	Year (b)	Summer Forecast (MW) (c)	Winter Forecast (MW) (d)	Forecast of Annual Net Energy for Load (MWh) (e)
1	2017	33,178	24,365	158,632
2	2018	33,078	24,294	157,996
3	2019	33,035	24,207	157,405
4	2020	32,993	24,090	156,752
5	2021	33,009	24,043	155,855
6	2022	33,034	24,023	155,444
7	2023	33,096	24,008	155,298
8	2024	33,152	24,007	155,135
9	2025	33,232	24,001	155,009
10	2026	33,324	24,001	154,920