

Annual Update for 2022-2023 ICAP Demand Curves

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November 18, 2021, 10 Krey Boulevard

Agenda

- Background
- Process Overview
- Winter-to-Summer Ratio Values
- Gross CONE Composite Escalation Factor Value
- Net Energy and Ancillary Services Revenue Offset Values
- ICAP Reference Point Values



Background



Background

- As a part of the 2021-2025 ICAP Demand Curve reset process, annual updates to the ICAP Demand Curves are completed each year within the reset period.
- ICAP Demand Curve reference points are calculated for the upcoming Capability Year



Process Overview



Annual Update Process Overview

- Three components of the ICAP Demand Curve input parameters will be updated
 - Gross cost of new entry (CONE) for peaking plants using a composite escalation factor
 - Net Energy and Ancillary Services (Net EAS) revenue offset
 - Winter-to-Summer ratio (WSR) values



Annual Update Process Overview

- The 2022-2023 Capability Year (CY) ICAP Demand Curves will use data from September 1, 2018 – August 31, 2021 for updating the WSR and Net EAS revenue offset values
 - Year 1: September 1, 2018 August 31, 2019
 - Year 2: September 1, 2019 August 31, 2020
 - Year 3: September 1, 2020 August 31, 2021
 - Rolled Off: September 1, 2017 August 31, 2018



Annual Update Process Timeline

• October:

• Updated WSR values (posted to NYISO website)

November:

- Updated Gross CONE values
- Updated Net EAS revenue offset values
- ICAP Demand Curve reference point values

All annual update information is posted in the "Installed Capacity Market (ICAP)" section of the NYISO public website under "Reference Documents" > "Demand Curve Reset Annual Updates" > "2022"



Winter-to-Summer Ratio



Winter-to-Summer Ratio

- The WSR captures differences in quantity of ICAP available between winter and summer seasons given differences in seasonal operational capability
- The annual update process requires adjustments for certain qualifying resource entry and exit circumstances



Adjustments for Qualifying Generators

• Entry adjustments for Year 3 WSR:

- Arkwright Wind
- Red Rochester
- Dahowa Hydroelectric
- Fulton LFGE
- Hudson Ave GT 3

• Exit Adjustments for Year 3 WSR:

- Indian Point 3
- Gowanus GT 1-8



ZONE	GEN_PTID	GEN_NAME	Year 3	Year 2	Year 1
Α	323751	Arkwright Summit Wind	Add		
Α	23543	Kintigh		Remove	
В	24207	Monroe Livingston		Remove	
В	323720	Red Rochester	Add		
С	24147	Auburn-State St.		Remove	
С	23584	Cayuga 1		Remove	
С	323667	Steuben County LF		Remove	
F	323615	Albany LFGE		Remove	
F	323763	Dahowa Hydroelectric	Add		
F	323630	Fulton LFGE	Add		
F	23756	Gilboa 1			Add
G	323756	Cricket Valley CC1		Add	
G	323757	Cricket Valley CC2		Add	
G	323758	Cricket Valley CC3		Add	
Н	23530	Indian Point 2		Remove	
Н	23531	Indian Point 3	Remove		
J	323718	Arthur Kill Cogen			Add
J	24113	Gowanus GT1-8	Remove		
J	23810	Hudson Ave GT 3 Add			
J	23810	Hudson Ave GT 3		Remove	
J	23540	Hudson Ave GT 4			Remove



2022-2023 WSR Ratio Values

Three-year WSR		2022 CY Curve Reset)	2022-2 Annual	2023 CY Update
NYCA	1.0)38	1.0)35
GHIJ	1.0)59	1.0)62
NYC	1.0)76	1.0)78
LI	1.0)73	1.0)77
One-year WSR	2020-2021 (Year 3)	2019-2020 (Year 2)	2018-2019 (Year 1)	2017-2018 Rolled Off
NYCA	1.033	1.027	1.046	1.040
GHIJ	1.067	1.060	1.059	1.059
NYC	1.081	1.074	1.080	1.075
LI	1.084	1.076	1.069	1.074



Gross CONE Composite Escalation Factor



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Gross CONE Escalation Factor Process

Update escalation factor indices in the demand curve model

- Materials, Labor, and Turbine costs
 - Source: Bureau of Labor Statistics
- General/non-EPC cost index
 - Source: Bureau of Economic Analysis

Use most recently available data published as of October 1st

- Preliminary values and missing data are not used
- May include revisions by the index publisher to a prior year's data values that are re-used in the current calculation



Material Cost Index

Materials Cost Index

Source: Seasonal: Series ld: Group: Item: Base Date: Years: Access:	Not Seasonally / WPUID612 (ID6) Intermedia (12) Materials ar 198200 2007 to 2020	Price Index - Comn Adjusted Ite demand by con nd components for <u>pv/cgi-bin/dsrv?wp</u>	nmodity type r construction									
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2010	202.3	203.5	204.6	206.1	207.4	206.6	206.3	206.2	205.9	205.9	206.3	207.0
2011	208.3	209.5	210.9	212.1	212.8	213.7	214.7	214.6	214.5	214.4	214.2	214.2
2012	215.3	216.9	217.4	218.3	219.1	219.2	218.5	218.7	219.2	219.1	219.5	219.9
2013	221.2	222.2	222.7	223.4	222.9	222.6	222.4	223.0	222.9	222.9	223.0	223.1
2014	224.8	225.8	226.6	226.9	227.4	227.4	227.7	228.2	228.5	228.6	228.5	228.4
2015	229.0	229.1	229.1	229.4	229.1	229.0	228.8	228.0	227.5	227.7	227.6	227.2
2016	227.5	227.5	227.8	228.3	228.7	229.1	229.7	230.3	230.0	229.7	229.7	230.1
2017	231.5	232.5	233.2	234.4	234.6	234.8	234.7	235.6	236.0	237.0	237.5	237.7
2018	239.7	241.2	244.3	245.4	248.1	249.0	249.4	249.2	249.6	249.6	249.1	249.7
2019	250.7	251.5	251.2	251.9	251.7	251.2	252.3	251.3	251.1	250.8	250.8	250.8
2020	252.1	252.8	254.3	252.9	252.8	253.8	255.3	258.8	263.2	262.5	261.4	263.4
2021	269.1	273.8	280.4	288.1	296.5	305.6	307.4	307.9				
2022												
2023												



Construction Labor Cost Index

Construction Labor Cost Index

Source: Series Id: State: Area: Industry: Owner: Size Type	BLS Quarterly Census of Employment and Wages ENU360005052371 New York New York Statewide NAICS 2371 Utility system construction Private All establishment sizes Average Annual Pay
Years:	2007 to 2019
Access:	http://data.bls.gov/cgi-bin/dsrv?en
Year	Annual
2010	
	78,635
2011	79,665
2012	87,406
2013	88,850
2014	92,531
2015	97,529
2016	102,788
2017	101,108
2018	105,039
2019	107,893
2020	105,547
2021	
2022	
2023	



Turbine Cost Index

Gas and Steam Turbine Index

Source: Seasonal: Group: Item: Series ID: Base Date: Years: Access:	Not Seasonally / (11) Machinery a (97) Turbines ar WPU1197 198706 2007 to 2020		itor Sets									
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2010	222.9	221.2	220.2	220.5	221.6	221.5	221.8	222.1	221.9	223.0	223.0	223.8
2011	225.5	224.9	224.5	225.7	227.7	228.8	225.9	224.2	226.0	223.7	221.7	223.5
2012	218.9	220.0	222.1	222.3	224.3	225.2	225.4	224.4	222.9	225.1	226.2	225.7
2013	225.4	225.4	226.3	226.4	227.2	226.6	228.8	227.8	229.1	229.0	232.0	231.7
2014	230.8	231.2	232.7	232.2	231.7	232.2	231.6	233.6	236.1	237.2	237.5	238.5
2015	229.7	230.9	234.4	230.9	231.7	227.9	233.5	230.0	232.9	232.8	232.4	233.1
2016	231.9	232.2	232.5	231.2	231.4	233.2	233.5	232.7	232.5	NA	NA	NA
2017	NA	224.3	223.9	223.4	223.5	227.7	225.6	225.8	225.8	224.5	217.5	211.6
2018	210.1	215.1	221.0	221.0	219.4	219.7	219.8	221.4	221.0	224.4	225.9	228.8
2019	229.4	231.0	231.1	231.6	232.7	233.3	233.7	234.4	234.8	234.3	234.9	236.3
2020	237.8	238.4	238.9	238.9	239.5	241.3	242.0	241.4	241.2	241.6	242.3	242.7
2021	243.1	243.8	244.2	244.5	250.4	246.7	247.1	245.3				
2022 2023		-										



General/Non-EPC Cost Index

Non-EPC Cost Index

Source: Seasonal: Timing: Table: Table Location: Access:	Bureau of Economic Seasonally Adjuster Quarterly 1.1.9 Line 1 https://apps.bea.go	t //iTable/index_nij	<u>pa.cfm</u>	uct Implicit Price Deflator, Index 20	12 = 100.
		Quart			
Year	I.	I		N	
2010	95.499	95.943	96.222	96.763	
2011	97.283	97.922	98.553	98.703	
2012	99.32	99.713	100.225	100.737	
2013	101.139	101.431	101.918	102.517	
2014	102.937	103.512	103.957	104.123	
2015	104.031	104.596	104.926	104.937	
2016	104.865	105.592	105.95	106.469	
2017	107.01	107.34	107.872	108.598	
2018	109.237	110.176	110.614	111.14	
2019	111.514	112.152	112.517	112.978	
2020	113.346	112.859	113.888	114.439	
2021	115.652	117.413			
2022					
2023					



2022-2023 Composite Escalation Factors

NYCA Escalation Year [B] Growth Rate [B]/[A]-1 Weights (By Technology)

		Labor Cost	Cost	Turbine Cost	GDP Deflator
Base Year	[A]	107,893	253	239	112.9
Escalation Year	[B]	105,547	281	244	117.4
Growth Rate	[B]/[A]-1	-2.17%	10.83%	2.28%	4.04%
Weights (By Technology)		24%	19%	32%	25%
Escalation Factor:		24%*-2.17%	+ 19%*10.83	% + 32%*2.28% + 2	5%*4.04% =
			:	3.33%	

Materials

Gas and Steam

Construction

		Construction Labor Cost	Materials Cost	Gas and Steam Turbine Cost	GDP Deflator	
Base Year	[A]	107,893	253	239	112.9	
Escalation Year	[B]	105,547	281	244	117.4	
Growth Rate	[B]/[A]-1	-2.17%	10.83%	2.28%	4.04%	
Weights (By Technology)		27%	23%	26%	24%	
Escalation Factor:		27%*-2.17% + 23%*10.83% + 26%*2.28% + 24%*4.04% = 3.46 %				

Note: Values in the table for each index are rounded, while the calculation uses unrounded values.

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GHIJ, NYC, LI

2022-2023 Gross CONE Values

	2021-2022 Gross CONE (\$/kW-year)		2022-2023 Escalation Factor	2-2023 Gross CONE /kW-year)
NYCA	\$	107.07	3.33%	\$ 110.62
G-J	\$	139.63		\$ 144.45
NYC	\$	188.53	3.46%	\$ 195.05
LI	\$	148.97		\$ 154.11

Note: Values in the table for each composite escalation factor are rounded, while the calculation uses unrounded values.



Net Energy and Ancillary Services Revenue Offset



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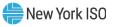
Net EAS Revenue Offset Update Process

- Collect data from September 1, 2020 August 31, 2021
 - NYISO DAM and RTM LBMPs
 - NYISO DAM and RTM Time-Weighted Ancillary Services prices
 - NYISO Rate Schedule 1 charges
 - Fuel and emission costs
- Run Net EAS model with new data
 - Model runs for three-year historical period (Sep 1, 2018 Aug 31, 2021)
 - Detailed results in the Appendix of this presentation



2022–2023 Net EAS Revenue Values

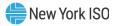
- Decreases in Net EAS revenues in NYCA, GHIJ, and NYC can be primarily attributed to higher LBMP period being removed from the historical dataset.
 - High LBMPs in late December 2017 early January 2018 can be attributed to extremely cold temperatures.
 - Data from 9/1/2017-8/31/2018 was rolled off for purposes of this annual update and replaced with data from 9/1/2020-8/31/2021
- Increase in the Net EAS revenues in Long Island can be attributed to higher LBMPs in summer 2021 that were added to the historical dataset for purposes of this annual update.



Raw Net EAS Revenues

	2021-2022 Raw Net EAS Revenues (\$/kW-year)	2022-2023 Raw Net EAS Revenues (\$/kW-year)	Delta
NYCA	\$30.12	\$21.84	\$(8.28)
G-J	\$32.31	\$27.15	\$(5.16)
NYC	\$30.61	\$27.29	\$(3.32)
LI	\$50.87	\$57.03	\$6.16

Note: "Raw" values do not include the \$2.04/kW-year adder for estimated voltage support service (VSS) revenue and are not escalated to dollar values for the applicable Capability Year to which the ICAP Demand Curves are effective.



Net EAS Escalation

- Net EAS revenues are escalated using the unweighted annual change in the general component (GDP Deflator) from the Gross CONE composite escalation factor over the three-year historical data period.
- The Net EAS escalation rate is 4.69%

	2022-2023 Raw Net EAS Revenues (\$/kW-year)	2022-2023 Net EAS Revenues (w/ VSS Adder \$2.04)	EAS Escalation Rate	2022-2023 Final Net EAS Revenues (\$/kW-year)
NYCA	\$21.84	\$23.88		\$25.00
G-J	\$27.15	\$29.19	4 60%	\$30.56
NYC	\$27.29	\$29.33	4.69%	\$30.71
LI	\$57.03	\$59.07		\$61.84



2022-2023 ICAP Demand Curve Reference Points



ICAP Demand Curve Reference Points

	2021-2022 Final ICAP Ref. Point (\$/kW- month)	2022-2023 Final ICAP Ref. Point (\$/kW- month)	Delta
NYCA	\$7.81	\$8.87	\$1.06
G-J	\$13.28	\$14.72	\$1.44
NYC	\$21.28	\$22.77	\$1.49
LI	\$17.60	\$17.59	\$(0.01)



			Current Year (2022-	2023)	
			G - Hudson Valley		
	Source	C - Central	(Rockland)	J - New York City	K - Long Island
Gross Cost of New Entry (\$/kW-Year)	[1]	\$110.62	\$144.45	\$195.05	\$154.11
Net EAS Revenue (\$/kW-Year)	[2]	\$25.00	\$30.56	\$30.71	\$61.84
Annual ICAP Reference Value (\$/kW-Year)	[3] = [1] - [2]	\$85.63	\$113.90	\$164.34	\$92.28
ICAP DMNC (MW)	[4]	326.7	347.0	348.8	348.8
Total Annual Reference Value	[5] = [3] * [4]	\$27,974,635	\$39,521,634	\$57,322,490	\$32,185,694
Level of Excess (%)	[6]	100.9%	102.5%	103.5%	106.5%
Ratio of Summer to Winter DMNCs	[7]	1.035	1.062	1.078	1.077
Summer DMNC (MW)	[8]	329.3	348.2	348.5	351.1
Winter DMNC (MW)	[9]	344.7	369.9	374.1	373.0
Assumed Capacity Prices at Tariff Prescribed L					
Summer (\$/kW-Month)	[10]	\$8.24	\$12.31	\$18.33	\$11.28
Winter (\$/kW-Month)	[11]	\$5.65	\$6.22	\$8.46	\$3.76
Monthly Revenue (Summer)	[12] = [10]*[8]	\$2,713,630	\$4,284,914	\$6,387,726	\$3,962,093
Monthly Revenue (Winter)	[13] = [11]*[9]	\$1,948,830	\$2,301,999	\$3,166,008	\$1,402,182
Seasonal Revenue (Summer)	[14] = 6 * [12]	\$16,281,777	\$25,709,486	\$38,326,357	\$23,772,560
Seasonal Revenue (Winter)	[15] = 6 * [13]	\$11,692,982	\$13,811,992	\$18,996,050	\$8,413,090
Total Annual Reference Value	[16] = [14]+[15]	\$27,974,760	\$39,521,478	\$57,322,407	\$32,185,649
ICAP Demand Curve Parameters					
ICAP Monthly Reference Point Price (\$/kW-Mo	nth)	\$8.87	\$14.72	\$22.77	\$17.59
ICAP Max Clearing Price (\$/kW-Month)		\$14.43	\$19.65	\$27.21	\$22.09
Demand Curve Length		12%	15%	18%	18%



Next Steps



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Next Steps

- Updated ICAP Demand Curve reference point values become effective for the 2022-2023 Capability Year (beginning May 1, 2022)
- Data and results posted on the NYISO website
 - Available on the Installed Capacity Market (ICAP)" section of the NYISO public website at:
 - <u>https://www.nyiso.com/installed-capacity-market</u>
 - <u>"Reference Documents" > "Demand Curve Reset Annual Updates" ></u> <u>"2022"</u>



Questions?



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- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policymakers, stakeholders and investors in the power system





Appendix



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Net EAS Revenue Update Summary

		Annual Average Net EAS	Annual Average Run	Annual Average	Annual Average
	Load Zone	Revenues (\$/kW-year)	Hours	Unit Starts	Hours per Start
C	Upstate	\$23.88	542	55	9.8
G	G-J	\$29.19	982	61	16.0
J	NYC	\$29.33	1,084	78	14.0
K	Long Island	\$59.07	2,320	140	16.6



Fuel Type by Year

			September	, 2018 - August,	2019		
		F	Run-Time Hours		Net Ener	gy Revenues (\$/k	(W-year)
L	Load Zone	Gas	Oil	Total	Gas	Oil	Total
С	Upstate	603	-	603	\$8.35	-	\$8.35
G	G-J	1,022	-	1,022	\$11.31	-	\$11.31
J	NYC	1,013	-	1,013	\$13.27	-	\$13.27
K	Long Island	2,382	5	2,387	\$30.60	\$0.24	\$30.84

			September	r, 2019 - August,	2020		
		F	Run-Time Hours	i	Net Ener	gy Revenues (\$/l	(W-year)
I	Load Zone	Gas	Oil	Total	Gas	Oil	Total
С	Upstate	316	-	316	\$3.12	-	\$3.12
G	G-J	443	-	443	\$3.92	-	\$3.92
J	NYC	738	-	738	\$6.98	-	\$6.98
K	Long Island	1,509	-	1,509	\$22.96	-	\$22.96

			September	r, 2020 - August,	2021		
		gy Revenues (\$/l	«W-year)				
I	Load Zone	Gas	Oil	Total	Gas	Oil	Total
C	Upstate	706	-	706	\$11.61	-	\$11.61
G	G-J	1,482	-	1,482	\$23.27	-	\$23.27
J	NYC	1,500	-	1,500	\$24.61		\$24.61
K	Long Island	3,064	-	3,064	\$79.26	-	\$79.26



Run Hours by Year

				Run	Hours Sep	tember, 20)18 - Augu	st, 2019							
Day-	Ahead Comm	nitment		Ene	rgy			Res	erve			No	ne		Total
Real	-Time Dispate	ch	Energy	Reserve	Buyout	Limited	Energy	Reserve	Buyout	Limited	Energy	Reserve	None	Limited	
C	Upstate	Gas Only, tuned to 15ppm, without SCR	330	11	176	0	258	35	7,024	0	15	0	911	0	8,760
G	G-J	Dual Fuel, tuned to 25ppm, with SCR	861	89	291	0	161	75	7,273	0	0	0	10	0	8,760
J	NYC	Dual Fuel, tuned to 25ppm, with SCR	851	15	142	0	162	107	7,472	0	0	0	11	0	8,760
K	Long Island	Dual Fuel, tuned to 25ppm, with SCR	2,183 14 246 0			202	71	6,037	0	2	0	5	0	8,760	

				Run	Hours Sep	otember, 20)19 - Augu	st, 2020							
Day	Ahead Comm	nitment		Ene	rgy			Res	erve			No	ne		Total
Rea	-Time Dispate	:h	Energy	Reserve	Buyout	Limited	Energy	Reserve	Buyout	Limited	Energy	Reserve	None	Limited	
C	Upstate	Gas Only, tuned to 15ppm, without SCR	158	0	82	0	158	35	8,312	0	0	0	39	0	8,784
G	G-J	Dual Fuel, tuned to 25ppm, with SCR	313	14	39	0	119	46	8,006	0	11	0	236	0	8,784
J	NYC	Dual Fuel, tuned to 25ppm, with SCR	614	0	53	0	121	81	7,663	0	3	0	249	0	8,784
K	Long Island	Dual Fuel, tuned to 25ppm, with SCR	1,303	0	200	0	204	22	6,876	0	2	0	177	0	8,784

				Run	Hours Sep	otember, 20)20 - Augu	st, 2021							
Day-	Ahead Comm	itment		Ene	rgy			Res	erve			No	ne		Total
Real	-Time Dispate	h	Energy	Reserve	Buyout	Limited	Energy	Reserve	Buyout	Limited	Energy	Reserve	None	Limited	
C	Upstate	Gas Only, tuned to 15ppm, without SCR	533	16	173	0	156	46	6,737	0	17	0	1,082	0	8,760
G	G-J	Dual Fuel, tuned to 25ppm, with SCR	1,268	49	176	0	214	69	6,749	0	0	0	235	0	8,760
J	NYC	Dual Fuel, tuned to 25ppm, with SCR	1,345	0	115	0	155	106	6,796	0	0	0	243	0	8,760
K	Long Island	Dual Fuel, tuned to 25ppm, with SCR	2,808	0	251	694	251	44	4,547	14	5	0	146	0	8,760



Net EAS Results by Year

				Net I	EAS Rever	ues Septer	nber, 2018	- August,	2019 (\$/kV	V-yr)						
																Total with Adders
Day	-Ahead Com	nitment		Ene	rgy			Rese	erve			No	ne		Total	(VSS, AS)
Rea	Real-Time Dispatch		Energy	Reserve	Buyout	Limited	Energy	Reserve	Buyout	Limited	Energy	Reserve	None	Limited		
C	Upstate	Gas Only, tuned to 15ppm, without SCR	\$3.17	\$0.04	\$2.87	\$0.00	\$4.71	\$0.11	\$11.44	\$0.00	\$0.48	\$0.00	\$0.00	\$0.00	\$22.80	\$24.84
G	G-J	Dual Fuel, tuned to 25ppm, with SCR	\$8.23	\$2.63	\$3.25	\$0.00	\$3.08	\$0.28	\$13.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.21	\$33.25
J	NYC	Dual Fuel, tuned to 25ppm, with SCR	\$9.56	\$0.10	\$1.79	\$0.00	\$3.71	\$0.42	\$14.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.14	\$32.18
K	Long Island	Dual Fuel, tuned to 25ppm, with SCR	\$23.93	\$0.13	\$2.88	\$0.00	\$6.90	\$0.27	\$11.62	\$0.00	\$0.01	\$0.00	\$0.00	\$0.00	\$45.74	\$47.78

				Net I	EAS Rever	ues Septer	nber, 2019	- August,	2020 (\$/kV	V-yr)						
																Total with Adders
Day	Ahead Comn	nitment		Ene	rgy			Rese	erve			No	ne		Total	(VSS, AS)
Rea	Real-Time Dispatch		Energy	Reserve	Buyout	Limited	Energy	Reserve	Buyout	Limited	Energy	Reserve	None	Limited		
C	Upstate	Gas Only, tuned to 15ppm, without SCR	\$0.83	\$0.00	\$0.72	\$0.00	\$2.28	\$0.11	\$14.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.03	\$20.07
G	G-J	Dual Fuel, tuned to 25ppm, with SCR	\$2.19	\$0.07	\$0.21	\$0.00	\$1.71	\$0.10	\$10.20	\$0.00	\$0.02	\$0.00	\$0.00	\$0.00	\$14.50	\$16.54
J	NYC	Dual Fuel, tuned to 25ppm, with SCR	\$4.75	\$0.00	\$0.40	\$0.00	\$2.23	\$0.22	\$9.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17.03	\$19.07
K	Long Island	Dual Fuel, tuned to 25ppm, with SCR	\$17.41	\$0.00	\$2.54	\$0.00	\$5.54	\$0.04	\$8.76	\$0.00	\$0.01	\$0.00	\$0.00	\$0.00	\$34.29	\$36.33

				Net 1	EAS Rever	ues Septer	nber, 2020	- August,	2021 (\$/kV	V-yr)						
																Total with Adders
Day-	-Ahead Commitment			Ene	rgy			Rese	erve			No	ne		Total	(VSS, AS)
Real	Real-Time Dispatch		Energy	Reserve	Buyout	Limited	Energy	Reserve	Buyout	Limited	Energy	Reserve	None	Limited		
С	Upstate	Gas Only, tuned to 15ppm, without SCR	\$7.12	\$0.41	\$2.85	\$0.00	\$4.38	\$0.12	\$9.68	\$0.00	\$0.11	\$0.00	\$0.00	\$0.00	\$24.67	\$26.71
G	G-J	Dual Fuel, tuned to 25ppm, with SCR	\$19.36	\$1.37	\$1.95	\$0.00	\$3.91	\$0.17	\$8.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.74	\$37.78
J	NYC	Dual Fuel, tuned to 25ppm, with SCR	\$21.61	\$0.00	\$0.81	\$0.00	\$3.00	\$0.23	\$9.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.70	\$36.74
K	Long Island	Dual Fuel, tuned to 25ppm, with SCR	\$70.23	\$0.00	\$4.06	\$1.11	\$8.98	\$0.13	\$6.48	\$0.02	\$0.05	\$0.00	\$0.00	\$0.00	\$91.06	\$93.10

