

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data																										07/29/2025	
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
24138		60.74	56.45	51.49	49.44	49.09	51.71	55.35	58.82	62.62	69.01	81.87	93.80	104.47	132.92	163.25	239.79	336.85	390.93	389.11	345.58	241.40	153.51	95.30	76.27		
		3.22	3.04	3.23	3.02	2.87	2.74	3.08	3.28	3.26	3.84	5.00	6.63	9.06	13.06	17.18	25.84	30.68	37.82	40.66	34.25	21.14	10.98	5.35	2.58		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.23	2.01	-3.84	-58.71	-45.59	-0.92	0.00	0.00	0.00	0.80	0.00		
74TH STREET_GT_1		60.74	56.50	51.54	49.49	49.14	51.71	55.30	58.71	62.50	68.81	81.80	93.54	104.19	135.03	165.26	239.16	336.35	390.19	388.41	345.27	241.40	153.51	96.20	76.27		
24260		3.22	3.10	3.28	3.06	2.91	2.74	3.03	3.17	3.15	3.65	4.92	6.36	8.78	12.94	17.18	25.21	29.94	36.90	39.97	33.94	21.14	10.98	5.45	2.58		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.85	-58.96	-45.77	-0.92	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2		60.74	56.50	51.54	49.49	49.14	51.71	55.30	58.71	62.50	68.81	81.80	93.54	104.19	135.03	165.26	239.16	336.35	390.19	388.41	345.27	241.40	153.51	96.20	76.27		
24261		3.22	3.10	3.28	3.06	2.91	2.74	3.03	3.17	3.15	3.65	4.92	6.36	8.78	12.94	17.18	25.21	29.94	36.90	39.97	33.94	21.14	10.98	5.45	2.58		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.85	-58.96	-45.77	-0.92	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS		60.63	56.07	50.72	48.65	48.40	51.17	54.77	58.10	61.85	67.51	79.64	90.93	100.18	128.93	156.08	239.28	279.09	344.62	379.85	337.49	239.20	154.94	96.83	77.74		
24011		3.11	2.67	2.46	2.23	2.17	2.20	2.51	2.56	2.49	2.35	2.77	3.75	4.77	6.84	8.00	13.24	16.08	20.91	28.50	26.15	18.94	12.40	6.08	4.05		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.94	-15.56	-16.19	-3.83	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY		60.80	56.13	50.72	48.70	48.44	51.27	54.88	58.16	61.96	67.64	79.80	91.10	100.46	129.29	156.37	239.51	279.40	345.10	381.48	339.03	240.51	155.79	97.37	78.04		
23798		3.28	2.72	2.46	2.27	2.22	2.30	2.61	2.61	2.48	2.92	3.93	5.05	7.20	8.29	8.29	13.86	16.83	21.84	30.22	27.70	20.25	13.26	6.62	4.35		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.54	-15.12	-15.75	-3.73	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS		60.63	56.07	50.72	48.65	48.40	51.17	54.77	58.10	61.85	67.51	79.64	90.93	100.18	128.93	156.08	239.28	279.09	344.62	379.85	337.49	239.20	154.94	96.83	77.74		
24028		3.11	2.67	2.46	2.23	2.17	2.20	2.51	2.56	2.49	2.35	2.77	3.75	4.77	6.84	8.00	13.24	16.08	20.91	28.50	26.15	18.94	12.40	6.08	4.05		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.94	-15.56	-16.19	-3.83	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM		60.11	55.70	50.33	48.42	48.12	50.73	54.36	57.43	61.20	66.72	79.26	90.49	99.99	129.29	156.96	247.76	287.91	352.85	376.83	331.88	233.92	151.09	94.74	76.20		
23527		2.59	2.29	2.07	1.99	1.90	1.76	2.09	1.89	1.84	1.56	2.39	3.31	4.58	7.20	8.88	14.08	16.83	20.92	23.64	20.54	13.66	8.55	3.99	2.51		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.58	-23.62	-24.41	-5.66	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP		57.58	53.46	48.45	46.61	46.36	48.92	52.32	55.27	58.82	64.38	76.42	86.92	95.89	123.68	150.15	176.33	206.54	268.72	345.10	316.63	223.34	144.25	90.66	73.10		
24190		0.06	0.05	0.19	0.19	0.14	-0.05	0.05	-0.28	-0.53	-0.78	-0.46	-0.26	0.48	1.59	2.07	3.78	4.70	6.15	6.60	5.29	3.08	1.71	-0.09	-0.59		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.56	45.61	44.94	9.03	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK		57.35	53.40	48.01	46.29	46.13	49.06	52.37	55.88	59.65	65.55	76.80	86.39	92.64	118.88	146.12	211.30	251.01	314.45	356.49	304.40	214.52	137.87	89.84	73.69		
355683		-0.17	0.00	-0.24	-0.14	-0.09	0.10	0.10	0.33	0.30	0.39	-0.08	-0.78	-2.77	-5.37	-6.52	-9.03	-10.15	-12.30	-13.90	-12.14	-8.15	-5.56	-0.91	0.00		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-4.56	-10.23	-13.71	-19.24	-22.87	-5.21	-2.42	-0.89	0.00	0.00		
ALBANY_1_SOLAR		57.98	53.78	48.69	46.94	46.64	49.26	52.53	55.21	58.52	63.86	75.49	85.84	92.13	118.34	137.11	157.61	180.14	225.25	345.42	317.54	224.41	135.66	91.30	73.69		
323833		0.46	0.38	0.43	0.51	0.42	0.30	0.26	-0.33	-0.83	-1.30	-1.38	-1.14	-0.57	0.12	0.30	1.48	2.47	4.30	6.59	6.22	4.17	2.70	0.55	0.00		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	2.71	3.87	11.27	53.97	69.78	86.57	8.69	0.02	0.02	9.58	0.00	0.00		
ALBANY_2_SOLAR		57.93	53.78	48.69	46.89	46.64	49.21	52.53	55.16	58.52	63.79	75.49	85.84	92.13	118.34	137.11	157.69	180.22	225.03	345.11	317.22	224.21	135.66	91.30	73.62		
323834		0.41	0.38	0.43	0.46	0.42	0.25	0.26	-0.39	-0.83	-1.37	-1.38	-1.14	-0.57	0.12	0.30	1.48	2.47	3.99	6.26	5.90	3.97	2.70	0.55	-0.07		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	2.71	3.87	11.26	53.90	69.70	86.48	8.68	0.02	0.02	9.58	0.00	0.00		
ALBANY___1		57.58	53.46	48.45	46.61	46.36	48.92	52.32	55.27	58.82	64.38	76.42	86.92	95.89	123.68	150.15	176.33	206.54	268.72	345.10	316.63	223.34	144.25	90.66	73.10		
23571		0.06	0.05	0.19	0.19	0.14	-0.05	0.05	-0.28	-0.53	-0.78	-0.46	-0.26	0.48	1.59	2.07	3.78	4.70	6.15	6.60	5.29	3.08	1.71	-0.09	-0.59		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.56	45.61	44.94	9.03	0.00	0.00	0.00	0.00	0.00		

ALBANY___2 23572	57.58 0.06 0.00	53.46 0.05 0.00	48.45 0.19 0.00	46.61 0.19 0.00	46.36 0.14 0.00	48.92 -0.05 0.00	52.32 0.05 0.00	55.27 -0.28 0.00	58.82 -0.53 0.00	64.38 -0.78 0.00	76.42 -0.46 0.00	86.92 -0.26 0.00	95.89 0.48 0.00	123.68 1.59 0.00	150.15 2.07 0.00	176.33 3.78 37.56	206.54 4.70 45.61	268.72 6.15 44.94	345.10 6.60 9.03	316.63 5.29 0.00	223.34 3.08 0.00	144.25 1.71 0.00	90.66 -0.09 0.00	73.10 -0.59 0.00
ALBANY___3 23573	57.58 0.06 0.00	53.46 0.05 0.00	48.45 0.19 0.00	46.61 0.19 0.00	46.36 0.14 0.00	48.92 -0.05 0.00	52.32 0.05 0.00	55.27 -0.28 0.00	58.82 -0.53 0.00	64.38 -0.78 0.00	76.42 -0.46 0.00	86.92 -0.26 0.00	95.89 0.48 0.00	123.68 1.59 0.00	150.15 2.07 0.00	176.33 3.78 37.56	206.54 4.70 45.61	268.72 6.15 44.94	345.10 6.60 9.03	316.63 5.29 0.00	223.34 3.08 0.00	144.25 1.71 0.00	90.66 -0.09 0.00	73.10 -0.59 0.00
ALBANY___4 23574	57.58 0.06 0.00	53.46 0.05 0.00	48.45 0.19 0.00	46.61 0.19 0.00	46.36 0.14 0.00	48.92 -0.05 0.00	52.32 0.05 0.00	55.27 -0.28 0.00	58.82 -0.53 0.00	64.38 -0.78 0.00	76.42 -0.46 0.00	86.92 -0.26 0.00	95.89 0.48 0.00	123.68 1.59 0.00	150.15 2.07 0.00	176.33 3.78 37.56	206.54 4.70 45.61	268.72 6.15 44.94	345.10 6.60 9.03	316.63 5.29 0.00	223.34 3.08 0.00	144.25 1.71 0.00	90.66 -0.09 0.00	73.10 -0.59 0.00
ALBANY___LFGE 323615	58.39 0.86 0.00	54.10 0.69 0.00	49.03 0.77 0.00	47.17 0.74 0.00	46.92 0.69 0.00	49.51 0.54 0.00	52.94 0.68 0.00	55.94 0.39 0.00	59.65 0.30 0.00	65.29 0.13 0.00	77.49 0.61 0.00	88.31 1.13 0.00	97.51 2.10 0.00	125.75 3.66 0.00	152.52 4.44 0.00	220.67 7.15 -3.42	257.24 8.66 -1.14	320.08 10.76 -1.80	360.50 12.16 -0.82	321.59 10.26 0.00	226.86 6.60 0.00	146.52 3.99 0.00	92.11 1.36 0.00	74.21 0.52 0.00
ALCOA_PA_115KV_PL-6C 55860	57.70 0.17 0.00	53.72 0.32 0.00	48.21 -0.05 0.00	46.47 0.05 0.00	46.32 0.09 0.00	49.36 0.39 0.00	52.74 0.47 0.00	56.21 0.67 0.00	59.89 0.53 0.00	65.81 0.65 0.00	76.88 0.00 0.00	86.57 -0.61 0.00	92.64 -2.77 0.00	119.07 -6.59 -3.58	147.47 -8.14 -7.54	215.88 -11.14 -16.91	257.50 -12.62 -22.67	324.26 -15.07 -31.81	367.95 -17.38 -37.81	308.49 -14.94 -12.10	216.27 -10.13 -6.15	137.95 -6.84 -2.26	90.39 -0.36 0.00	74.21 0.52 0.00
ALCOA_RYNLDS___DRP 24188	57.70 0.17 0.00	53.72 0.32 0.00	48.21 -0.05 0.00	46.47 0.05 0.00	46.32 0.09 0.00	49.36 0.39 0.00	52.74 0.47 0.00	56.21 0.67 0.00	59.89 0.53 0.00	65.81 0.65 0.00	76.88 0.00 0.00	86.57 -0.61 0.00	92.64 -2.77 0.00	119.07 -6.59 -3.58	147.47 -8.14 -7.54	215.88 -11.14 -16.91	257.50 -12.62 -22.67	324.26 -15.07 -31.81	367.95 -17.38 -37.81	308.49 -14.94 -12.10	216.27 -10.13 -6.15	137.95 -6.84 -2.26	90.39 -0.36 0.00	74.21 0.52 0.00
ALCOA___DSASP 323711	57.70 0.17 0.00	53.73 0.32 0.00	48.21 -0.05 0.00	46.47 0.05 0.00	46.32 0.09 0.00	49.36 0.39 0.00	52.73 0.47 0.00	56.21 0.67 0.00	59.89 0.53 0.00	65.81 0.65 0.00	76.95 0.08 0.00	86.57 -0.61 0.00	92.35 -3.06 0.00	119.07 -6.59 -3.58	147.47 -8.14 -7.54	215.88 -11.14 -16.91	257.50 -12.61 -22.67	324.26 -15.06 -31.81	367.96 -17.37 -37.81	308.50 -14.94 -12.10	216.28 -10.13 -6.15	137.95 -6.84 -2.26	90.21 -0.54 0.00	74.21 0.52 0.00
ALLEGHENY___COGEN 23514	59.94 2.42 0.00	54.95 1.55 0.00	49.46 1.21 0.00	47.21 0.79 0.00	47.15 0.92 0.00	49.65 0.69 0.00	52.68 0.42 0.00	56.32 0.78 0.00	60.12 0.77 0.00	65.75 0.59 0.00	77.57 0.69 0.00	83.69 -3.49 0.00	93.22 -2.19 0.00	118.06 -4.03 0.00	141.72 -6.36 0.00	200.03 -10.08 0.00	234.08 -13.37 0.00	289.67 -17.84 0.00	334.67 -12.85 0.00	305.11 -6.22 0.00	220.48 0.22 0.00	146.67 4.14 0.00	92.39 1.64 0.00	79.29 5.60 0.00
ALTAMONT_115KV_TB 2 55880	58.33 0.81 0.00	54.15 0.75 0.00	49.08 0.82 0.00	47.26 0.84 0.00	47.01 0.79 0.00	49.65 0.69 0.00	53.00 0.73 0.00	56.05 0.50 0.00	59.65 0.30 0.00	65.36 0.20 0.00	77.41 0.54 0.00	88.15 0.96 -0.01	97.38 1.81 -0.16	125.49 3.17 -0.22	152.73 4.00 -0.65	196.89 6.09 19.31	230.52 7.42 24.36	294.34 9.53 22.71	353.41 10.77 4.89	320.68 9.34 0.00	226.42 6.17 0.00	146.79 3.71 -0.55	92.11 1.36 0.00	74.21 0.52 0.00
ALTONA_WT_PWR 323606	55.91 -1.61 0.00	52.23 -1.18 0.00	47.39 -0.87 0.00	45.87 -0.56 0.00	45.85 -0.37 0.00	48.57 -0.39 0.00	52.01 -0.26 0.00	55.66 0.11 0.00	59.47 0.12 0.00	65.42 0.26 0.00	76.65 -0.23 0.00	86.22 -0.96 0.00	92.17 -3.24 0.00	116.47 -5.61 0.00	141.12 -6.96 0.00	200.66 -9.45 0.00	237.07 -10.38 0.00	295.52 -12.00 0.00	334.32 -13.21 0.00	288.72 -10.91 11.71	205.96 -7.06 7.24	135.04 -4.85 2.64	89.84 -0.91 0.00	73.69 0.00 0.00
AMERICAN_REF_FUEL 24010	57.52 0.00 0.00	52.77 -0.64 0.00	47.44 -0.82 0.00	45.27 -1.16 0.00	45.30 -0.92 0.00	47.40 -1.57 0.00	49.49 -2.77 0.00	53.32 -2.22 0.00	58.22 -1.13 0.00	64.84 -0.32 0.00	76.95 0.08 0.00	88.40 1.22 0.00	99.23 3.82 0.00	124.90 2.81 0.00	149.12 1.04 0.00	207.37 -2.74 0.00	238.30 -9.15 0.00	292.15 -15.37 0.00	331.20 -16.33 0.00	297.02 -14.32 0.00	214.32 -5.94 0.00	144.11 1.57 0.00	90.84 0.09 0.00	75.31 1.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	59.71 2.19 0.00	54.79 1.39 0.00	49.27 1.01 0.00	47.08 0.65 0.00	47.01 0.79 0.00	49.41 0.44 0.00	52.42 0.16 0.00	56.55 1.00 0.00	61.73 2.38 0.00	68.87 3.71 0.00	82.03 5.15 0.00	94.50 7.32 0.00	104.77 9.36 0.00	132.22 10.13 0.00	158.15 10.07 0.00	220.61 10.50 0.00	254.37 6.92 0.00	312.42 4.91 0.00	355.16 7.64 0.00	318.79 7.46 0.00	229.08 8.82 0.00	152.66 10.12 0.00	95.74 4.99 0.00	78.70 5.01 0.00
ARTHUR KILL_GT_1 23520	54.17 2.42 5.76	52.45 2.56 3.51	51.50 3.23 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.51 2.55 0.00	51.70 2.04 2.60	52.08 2.06 5.52	53.73 1.90 7.53	57.55 2.28 9.89	66.63 3.38 13.62	79.04 4.79 12.93	95.56 7.16 7.01	122.89 10.74 9.94	150.93 14.96 12.10	225.63 20.59 5.07	289.80 24.99 -17.36	371.95 30.75 -33.68	375.89 33.36 5.00	339.98 28.64 0.00	230.42 17.84 7.68	119.96 8.55 31.13	78.35 3.90 16.31	56.56 1.33 18.45
ARTHUR_KILL_2 23512	54.00 2.24 5.77	52.18 2.29 3.51	51.21 2.94 -0.01	49.45 3.02 -0.01	49.05 2.82 -0.01	51.07 2.10 0.00	51.49 1.83 2.60	51.69 1.66 5.52	53.66 1.84 7.53	57.21 1.95 9.90	66.16 2.92 13.63	78.43 4.18 12.93	95.18 6.77 7.01	121.55 9.40 9.94	149.31 13.33 12.10	223.31 18.27 5.07	288.32 23.52 -17.35	370.09 28.90 -33.67	373.81 31.29 5.00	338.11 26.78 0.01	228.87 16.30 7.69	119.10 7.69 31.13	77.89 3.45 16.31	56.12 0.89 18.46
ARTHUR_KILL_3 23513	54.05 2.30 5.78	52.12 2.24 3.52	50.76 2.51 0.00	48.84 2.41 0.00	48.44 2.22 0.00	50.97 2.01 0.01	51.90 2.25 2.61	52.18 2.16 5.53	53.96 2.13 7.53	57.80 2.54 9.89	66.63 3.38 13.62	79.04 4.79 12.93	95.31 7.06 7.17	117.61 10.75 15.22	145.73 14.52 16.87	226.24 21.21 5.08	289.93 25.25 -17.23	372.14 31.05 -33.58	376.21 33.70 5.01	339.65 28.33 0.02	229.52 16.96 7.70	119.81 8.41 31.14	77.39 3.90 17.26	56.55 1.33 18.47

ARTHUR_KILL_COGEN 323718	54.28 2.53 5.77	52.45 2.56 3.51	51.40 3.13 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.22 2.25 0.00	51.70 2.04 2.60	51.91 1.89 5.52	53.95 2.13 7.53	57.54 2.28 9.90	66.55 3.30 13.63	78.86 4.62 12.93	95.75 7.35 7.01	122.16 10.01 9.94	150.19 14.22 12.10	224.58 19.54 5.07	289.78 24.98 -17.35	371.94 30.75 -33.67	376.22 33.70 5.00	339.95 28.62 0.01	230.40 17.83 7.69	119.96 8.55 31.13	78.43 3.99 16.31	56.56 1.33 18.46
ASHOKAN____ 23654	59.71 2.19 0.00	55.38 1.98 0.00	50.14 1.88 0.00	48.14 1.72 0.00	47.80 1.57 0.00	50.43 1.47 0.00	53.83 1.57 0.00	56.66 1.11 0.00	60.24 0.89 0.00	66.01 0.84 0.00	78.33 1.46 0.00	92.58 5.58 0.18	100.52 7.64 2.52	129.84 11.36 3.60	152.53 14.95 10.50	190.15 23.32 43.28	222.81 30.18 54.82	275.55 39.06 71.02	386.30 45.16 6.39	344.95 33.63 0.02	243.15 22.91 0.02	148.69 15.10 8.94	95.38 4.63 0.00	76.27 2.58 0.00
ASTORIA_EAST_ENERGY_CC1 323581	60.12 2.59 -0.01	56.03 2.62 -0.01	51.31 3.04 -0.01	49.22 2.79 -0.01	48.82 2.59 -0.01	51.47 2.50 -0.01	54.78 2.51 -0.01	58.06 2.50 -0.01	61.78 2.43 0.01	67.69 2.54 0.01	80.33 3.46 0.01	91.89 4.70 -0.01	102.77 7.35 -0.01	131.91 10.62 0.79	162.02 13.92 -0.03	234.42 19.97 -4.34	333.46 24.50 -61.51	387.90 30.15 -50.23	385.56 32.66 -5.38	342.70 27.40 -3.97	239.60 16.96 -2.38	151.67 8.12 -1.02	93.78 3.72 0.69	74.87 1.18 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	60.12 2.59 -0.01	56.03 2.62 -0.01	51.31 3.04 -0.01	49.22 2.79 -0.01	48.82 2.59 -0.01	51.47 2.50 -0.01	54.78 2.51 -0.01	58.06 2.50 -0.01	61.78 2.43 0.01	67.69 2.54 0.01	80.33 3.46 0.01	91.89 4.70 -0.01	102.77 7.35 -0.01	131.91 10.62 0.79	162.02 13.92 -0.03	234.42 19.97 -4.34	333.46 24.50 -61.51	387.90 30.15 -50.23	385.56 32.66 -5.38	342.70 27.40 -3.97	239.60 16.96 -2.38	151.67 8.12 -1.02	93.78 3.72 0.69	74.87 1.18 -0.01
ASTORIA_GT2_1 24094	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT2_2 24095	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT2_3 24096	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT2_4 24097	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT3_1 24098	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT3_2 24099	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT3_3 24100	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT3_4 24101	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT4_1 24102	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT4_2 24103	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT4_3 24104	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01

ASTORIA_GT4_4 24105	60.07 2.53 -0.01	56.08 2.67 -0.01	51.45 3.18 -0.01	49.26 2.83 0.00	48.91 2.68 0.00	51.57 2.60 -0.01	54.83 2.56 -0.01	58.27 2.72 -0.01	61.61 2.26 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.07 4.88 -0.01	102.67 7.25 -0.01	132.40 11.11 0.79	162.62 14.51 -0.03	234.62 20.17 -4.34	333.71 24.74 -61.52	388.20 30.44 -50.24	385.58 32.67 -5.39	343.02 27.71 -3.97	239.61 16.96 -2.39	151.82 8.27 -1.02	93.69 3.63 0.69	74.95 1.25 -0.01
ASTORIA_GT_1 23523	60.24 2.70 -0.01	56.19 2.78 -0.01	51.55 3.28 -0.01	49.35 2.92 0.00	49.05 2.82 0.00	51.72 2.74 -0.01	54.94 2.67 -0.01	58.44 2.89 -0.01	61.79 2.43 0.00	67.96 2.80 0.00	80.72 3.84 0.00	92.42 5.23 -0.01	103.05 7.63 -0.01	132.89 11.60 0.79	163.21 15.10 -0.03	235.46 21.01 -4.34	334.70 25.73 -61.52	389.43 31.67 -50.24	386.97 34.06 -5.39	344.26 28.95 -3.97	240.49 17.84 -2.39	152.39 8.84 -1.02	94.05 3.99 0.69	75.17 1.47 -0.01
ASTORIA_GT_10 24110	59.94 2.42 0.00	55.97 2.56 0.00	51.34 3.09 0.00	49.30 2.88 0.00	48.95 2.73 0.00	51.41 2.45 0.00	54.62 2.35 0.00	58.04 2.50 0.00	61.31 1.96 0.00	67.51 2.35 0.00	80.18 3.31 0.00	91.80 4.62 0.00	102.57 6.96 -0.20	121.62 10.87 11.34	152.65 14.81 10.24	234.54 20.59 -3.85	330.91 24.50 -58.96	383.43 30.14 -45.77	381.11 32.67 -0.92	338.73 27.40 0.00	237.00 16.74 0.00	121.61 8.12 29.05	87.82 3.54 6.47	63.49 1.18 11.37
ASTORIA_GT_11 24225	59.94 2.42 0.00	55.97 2.56 0.00	51.34 3.09 0.00	49.30 2.88 0.00	48.95 2.73 0.00	51.41 2.45 0.00	54.62 2.35 0.00	58.04 2.50 0.00	61.31 1.96 0.00	67.51 2.35 0.00	80.18 3.31 0.00	91.80 4.62 0.00	102.57 6.96 -0.20	121.62 10.87 11.34	152.65 14.81 10.24	234.54 20.59 -3.85	330.91 24.50 -58.96	383.43 30.14 -45.77	381.11 32.67 -0.92	338.73 27.40 0.00	237.00 16.74 0.00	121.61 8.12 29.05	87.82 3.54 6.47	63.49 1.18 11.37
ASTORIA_GT_12 24226	59.94 2.42 0.00	55.97 2.56 0.00	51.34 3.09 0.00	49.30 2.88 0.00	48.95 2.73 0.00	51.41 2.45 0.00	54.62 2.35 0.00	58.04 2.50 0.00	61.31 1.96 0.00	67.51 2.35 0.00	80.18 3.31 0.00	91.80 4.62 0.00	102.57 6.96 -0.20	121.62 10.87 11.34	152.65 14.81 10.24	234.54 20.59 -3.85	330.91 24.50 -58.96	383.43 30.14 -45.77	381.11 32.67 -0.92	338.73 27.40 0.00	237.00 16.74 0.00	121.61 8.12 29.05	87.82 3.54 6.47	63.49 1.18 11.37
ASTORIA_GT_13 24227	59.94 2.42 0.00	55.97 2.56 0.00	51.34 3.09 0.00	49.30 2.88 0.00	48.95 2.73 0.00	51.41 2.45 0.00	54.62 2.35 0.00	58.04 2.50 0.00	61.31 1.96 0.00	67.51 2.35 0.00	80.18 3.31 0.00	91.80 4.62 0.00	102.57 6.96 -0.20	121.62 10.87 11.34	152.65 14.81 10.24	234.54 20.59 -3.85	330.91 24.50 -58.96	383.43 30.14 -45.77	381.11 32.67 -0.92	338.73 27.40 0.00	237.00 16.74 0.00	121.61 8.12 29.05	87.82 3.54 6.47	63.49 1.18 11.37
ASTORIA_GT_5 24106	60.24 2.70 -0.01	56.19 2.78 -0.01	51.55 3.28 -0.01	49.35 2.92 0.00	49.05 2.82 0.00	51.72 2.74 -0.01	54.94 2.67 -0.01	58.44 2.89 -0.01	61.79 2.43 0.00	67.96 2.80 0.00	80.72 3.84 0.00	92.42 5.23 -0.01	103.05 7.63 -0.01	132.89 11.60 0.79	163.21 15.10 -0.03	235.46 21.01 -4.34	334.70 25.73 -61.52	389.43 31.67 -50.24	386.97 34.06 -5.39	344.26 28.95 -3.97	240.49 17.84 -2.39	152.39 8.84 -1.02	94.05 3.99 0.69	75.17 1.47 -0.01
ASTORIA_GT_7 24107	60.24 2.70 -0.01	56.19 2.78 -0.01	51.55 3.28 -0.01	49.35 2.92 0.00	49.05 2.82 0.00	51.72 2.74 -0.01	54.94 2.67 -0.01	58.44 2.89 -0.01	61.79 2.43 0.00	67.96 2.80 0.00	80.72 3.84 0.00	92.42 5.23 -0.01	103.05 7.63 -0.01	132.89 11.60 0.79	163.21 15.10 -0.03	235.46 21.01 -4.34	334.70 25.73 -61.52	389.43 31.67 -50.24	386.97 34.06 -5.39	344.26 28.95 -3.97	240.49 17.84 -2.39	152.39 8.84 -1.02	94.05 3.99 0.69	75.17 1.47 -0.01
ASTORIA_GT_8 24108	60.24 2.70 -0.01	56.19 2.78 -0.01	51.55 3.28 -0.01	49.35 2.92 0.00	49.05 2.82 0.00	51.72 2.74 -0.01	54.94 2.67 -0.01	58.44 2.89 -0.01	61.79 2.43 0.00	67.96 2.80 0.00	80.72 3.84 0.00	92.42 5.23 -0.01	103.05 7.63 -0.01	132.89 11.60 0.79	163.21 15.10 -0.03	235.46 21.01 -4.34	334.70 25.73 -61.52	389.43 31.67 -50.24	386.97 34.06 -5.39	344.26 28.95 -3.97	240.49 17.84 -2.39	152.39 8.84 -1.02	94.05 3.99 0.69	75.17 1.47 -0.01
ASTORIA___2 24149	60.18 2.65 -0.01	56.08 2.67 -0.01	51.36 3.09 -0.01	49.27 2.83 -0.01	48.87 2.63 -0.01	51.47 2.50 -0.01	54.83 2.56 -0.01	58.11 2.56 -0.01	61.78 2.43 0.01	67.76 2.61 0.01	80.33 3.46 0.01	91.89 4.70 -0.01	102.77 7.35 -0.01	131.91 10.62 0.79	162.18 14.08 -0.03	234.62 20.17 -4.34	333.70 24.74 -61.51	388.20 30.45 -50.23	385.56 32.66 -5.38	343.00 27.70 -3.97	239.60 16.96 -2.38	151.82 8.26 -1.02	93.78 3.72 0.69	74.95 1.25 -0.01
ASTORIA___3 23516	60.05 2.53 0.01	55.97 2.56 0.00	51.25 2.99 0.00	49.31 2.88 -0.01	48.91 2.68 -0.01	51.32 2.35 0.00	54.62 2.35 0.00	57.82 2.28 0.00	61.48 2.13 0.01	67.50 2.34 0.01	80.10 3.23 0.01	91.71 4.53 0.00	102.77 7.16 -0.20	121.12 10.37 11.34	152.20 14.36 10.24	233.70 19.74 -3.85	330.91 24.50 -58.95	383.44 30.15 -45.77	381.10 32.66 -0.91	338.73 27.40 0.01	236.98 16.73 0.01	121.60 8.12 29.05	87.92 3.63 6.47	63.49 1.18 11.37
ASTORIA___4 23517	59.94 2.42 0.00	55.97 2.56 0.00	51.34 3.09 0.00	49.30 2.88 0.00	48.95 2.73 0.00	51.41 2.45 0.00	54.62 2.35 0.00	57.99 2.44 0.00	61.31 1.96 0.00	67.51 2.35 0.00	80.18 3.31 0.00	91.80 4.62 0.00	102.57 6.96 -0.20	121.62 10.87 11.34	152.65 14.81 10.24	234.54 20.59 -3.85	330.91 24.50 -58.96	383.43 30.14 -45.77	381.11 32.67 -0.92	338.73 27.40 0.00	237.00 16.74 0.00	121.61 8.12 29.05	87.82 3.54 6.47	63.49 1.18 11.37
ASTORIA___5 23518	60.05 2.53 0.01	55.97 2.56 0.00	51.25 2.99 0.00	49.31 2.88 -0.01	48.91 2.68 -0.01	51.32 2.35 0.00	54.62 2.35 0.00	57.82 2.28 0.00	61.48 2.13 0.01	67.50 2.34 0.01	80.10 3.23 0.01	91.71 4.53 0.00	102.77 7.16 -0.20	121.12 10.37 11.34	152.20 14.36 10.24	233.70 19.74 -3.85	330.91 24.50 -58.95	383.44 30.15 -45.77	381.10 32.66 -0.91	338.73 27.40 0.01	236.98 16.73 0.01	121.60 8.12 29.05	87.92 3.63 6.47	63.49 1.18 11.37
AST_ENERGY_2_CC3 323677	37.33 2.70 22.90	37.33 2.56 18.64	37.33 2.75 13.68	37.33 2.64 11.74	37.33 2.45 11.34	37.33 2.25 13.89	37.33 2.51 17.44	37.33 2.39 20.60	38.25 2.43 23.54	43.46 2.86 24.57	56.28 3.77 24.36	64.54 5.23 27.87	79.55 7.64 23.50	101.85 11.47 31.71	129.34 15.40 34.14	210.48 22.26 21.89	269.18 26.73 5.00	322.11 32.92 18.33	359.92 35.80 23.41	315.87 30.19 25.65	213.76 18.27 24.77	105.21 9.26 46.59	64.00 4.45 31.19	42.23 1.84 33.30
AST_ENERGY_2_CC4 323678	37.33 2.70 22.90	37.33 2.56 18.64	37.33 2.75 13.68	37.33 2.64 11.74	37.33 2.45 11.34	37.33 2.25 13.89	37.33 2.51 17.44	37.33 2.39 20.60	38.25 2.43 23.54	43.46 2.86 24.57	56.28 3.77 24.36	64.54 5.23 27.87	79.55 7.64 23.50	101.85 11.47 31.71	129.34 15.40 34.14	210.48 22.26 21.89	269.18 26.73 5.00	322.11 32.92 18.33	359.92 35.80 23.41	315.87 30.19 25.65	213.76 18.27 24.77	105.21 9.26 46.59	64.00 4.45 31.19	42.23 1.84 33.30

ATHENS_STG_1 23668	58.50 0.98 0.00	54.37 0.96 0.00	49.37 1.11 0.00	47.59 1.16 0.00	47.29 1.06 0.00	49.89 0.93 0.00	53.26 0.99 0.00	56.27 0.72 0.00	59.95 0.59 0.00	65.68 0.52 0.00	77.87 1.00 0.00	88.92 1.74 0.00	98.46 3.05 0.00	126.98 4.89 0.00	154.44 6.36 0.00	219.34 9.23 0.00	254.85 11.15 3.75	318.52 13.85 2.84	362.80 15.27 0.00	324.10 12.77 0.00	228.17 7.92 0.00	147.10 4.56 0.00	92.47 1.72 0.00	74.21 0.52 0.00
ATHENS_STG_2 23670	58.50 0.98 0.00	54.37 0.96 0.00	49.37 1.11 0.00	47.59 1.16 0.00	47.29 1.06 0.00	49.89 0.93 0.00	53.26 0.99 0.00	56.27 0.72 0.00	59.95 0.59 0.00	65.68 0.52 0.00	77.87 1.00 0.00	88.92 1.74 0.00	98.46 3.05 0.00	126.98 4.89 0.00	154.44 6.36 0.00	219.34 9.23 0.00	254.85 11.15 3.75	318.52 13.85 2.84	362.80 15.27 0.00	324.10 12.77 0.00	228.17 7.92 0.00	147.10 4.56 0.00	92.47 1.72 0.00	74.21 0.52 0.00
ATHENS_STG_3 23677	58.50 0.98 0.00	54.37 0.96 0.00	49.37 1.11 0.00	47.59 1.16 0.00	47.29 1.06 0.00	49.89 0.93 0.00	53.26 0.99 0.00	56.27 0.72 0.00	59.95 0.59 0.00	65.68 0.52 0.00	77.87 1.00 0.00	88.92 1.74 0.00	98.46 3.05 0.00	126.98 4.89 0.00	154.44 6.36 0.00	219.34 9.23 0.00	254.85 11.15 3.75	318.52 13.85 2.84	362.80 15.27 0.00	324.10 12.77 0.00	228.17 7.92 0.00	147.10 4.56 0.00	92.47 1.72 0.00	74.21 0.52 0.00
AUBURN____LFGE 323710	58.27 0.75 0.00	53.83 0.43 0.00	48.59 0.34 0.00	46.61 0.19 0.00	46.41 0.18 0.00	49.11 0.15 0.00	52.42 0.16 0.00	55.82 0.28 0.00	60.07 0.71 0.00	66.07 0.91 0.00	78.41 1.54 0.00	89.53 2.35 0.00	98.85 3.43 0.00	126.29 4.52 0.31	152.46 5.03 0.66	214.93 6.30 1.48	251.90 6.43 1.98	312.73 8.00 2.78	353.95 9.73 3.31	320.80 9.65 0.19	228.40 8.15 0.00	148.81 6.27 0.00	93.56 2.81 0.00	75.75 2.06 0.00
BABYLON_RES_REC 323704	59.71 2.19 0.00	56.55 3.15 0.00	51.58 3.33 0.00	49.26 2.83 0.00	48.86 2.63 0.00	51.46 2.50 0.00	54.93 2.66 0.00	57.43 1.89 0.00	60.35 1.01 0.01	66.19 1.04 0.01	79.57 2.69 0.00	95.20 4.97 -3.05	104.37 7.91 -1.04	140.44 11.72 -6.63	176.74 15.54 -13.12	297.94 22.91 -64.93	337.41 26.73 -63.23	385.69 33.52 -44.65	385.13 37.20 -0.40	332.40 29.59 8.53	234.74 19.60 5.11	149.49 9.13 2.18	93.93 3.17 0.00	70.39 2.06 5.36
BALL_HILL_WT_PWR 323825	58.85 1.32 0.00	53.99 0.59 0.00	48.60 0.34 0.00	46.43 0.00 0.00	46.36 0.14 0.00	48.67 -0.29 0.00	51.38 -0.89 0.00	55.32 -0.22 0.00	60.36 1.01 0.00	67.31 2.15 0.00	80.03 3.15 0.00	92.06 4.88 0.00	103.24 7.83 0.00	130.27 8.18 0.00	155.78 7.70 0.00	217.46 7.35 0.00	250.66 3.21 0.00	308.13 0.62 0.00	349.62 2.10 0.00	313.81 2.48 0.00	225.53 5.28 0.00	150.51 7.98 0.00	94.65 3.90 0.00	77.96 4.27 0.00
BARON_WINDS____WT_PWR 323822	58.79 1.26 0.00	54.10 0.69 0.00	48.79 0.53 0.00	46.71 0.28 0.00	46.59 0.37 0.00	49.11 0.15 0.00	52.06 -0.21 0.00	55.55 0.00 0.00	59.95 0.59 0.00	66.34 1.17 0.00	78.80 1.92 0.00	90.23 3.05 0.00	100.75 5.34 0.00	127.83 5.74 0.00	153.56 5.48 0.00	215.78 5.68 0.00	250.66 3.21 0.00	310.28 2.76 0.00	353.43 5.90 0.00	318.18 6.84 0.00	227.96 7.71 0.00	150.51 7.98 0.00	94.47 3.72 0.00	77.45 3.76 0.00
BARRETT_IC_1 23704	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	129.41 5.32 -36.92	115.78 7.91 -12.45	249.04 11.36 -115.60	289.94 14.95 -126.91	399.95 21.85 -167.99	440.74 25.98 -167.32	492.18 32.28 -152.39	517.94 35.80 -134.61	361.88 28.96 -21.59	252.17 18.94 -12.97	157.45 9.41 -5.51	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_10 23701	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	103.73 5.32 -11.23	107.12 7.91 -3.80	94.41 11.36 39.03	91.28 14.95 71.75	290.00 21.85 -58.04	199.59 25.98 73.84	127.06 32.28 212.74	133.20 35.80 250.13	87.35 28.96 252.94	87.35 18.94 151.85	87.35 9.41 64.59	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_11 23702	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	103.73 5.32 -11.23	107.12 7.91 -3.80	94.41 11.36 39.03	91.28 14.95 71.75	290.00 21.85 -58.04	199.59 25.98 73.84	127.06 32.28 212.74	133.20 35.80 250.13	87.35 28.96 252.94	87.35 18.94 151.85	87.35 9.41 64.59	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_12 23703	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	103.73 5.32 -11.23	107.12 7.91 -3.80	94.41 11.36 39.03	91.28 14.95 71.75	290.00 21.85 -58.04	199.59 25.98 73.84	127.06 32.28 212.74	133.20 35.80 250.13	87.35 28.96 252.94	87.35 18.94 151.85	87.35 9.41 64.59	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_2 23705	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	129.41 5.32 -36.92	115.78 7.91 -12.45	249.04 11.36 -115.60	289.94 14.95 -126.91	399.95 21.85 -167.99	440.74 25.98 -167.32	492.18 32.28 -152.39	517.94 35.80 -134.61	361.88 28.96 -21.59	252.17 18.94 -12.97	157.45 9.41 -5.51	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_3 23706	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	129.41 5.32 -36.92	115.78 7.91 -12.45	249.04 11.36 -115.60	289.94 14.95 -126.91	399.95 21.85 -167.99	440.74 25.98 -167.32	492.18 32.28 -152.39	517.94 35.80 -134.61	361.88 28.96 -21.59	252.17 18.94 -12.97	157.45 9.41 -5.51	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_4 23707	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	129.41 5.32 -36.92	115.78 7.91 -12.45	249.04 11.36 -115.60	289.94 14.95 -126.91	399.95 21.85 -167.99	440.74 25.98 -167.32	492.18 32.28 -152.39	517.94 35.80 -134.61	361.88 28.96 -21.59	252.17 18.94 -12.97	157.45 9.41 -5.51	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_5 23708	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	129.41 5.32 -36.92	115.78 7.91 -12.45	249.04 11.36 -115.60	289.94 14.95 -126.91	399.95 21.85 -167.99	440.74 25.98 -167.32	492.18 32.28 -152.39	517.94 35.80 -134.61	361.88 28.96 -21.59	252.17 18.94 -12.97	157.45 9.41 -5.51	94.65 3.90 0.00	86.12 2.65 -9.78

BARRETT_IC_6 23709	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	129.41 5.32 -36.92	115.78 7.91 -12.45	249.04 11.36 -115.60	289.94 14.95 -126.91	399.95 21.85 -167.99	440.74 25.98 -167.32	492.18 32.28 -152.39	517.94 35.80 -134.61	361.88 28.96 -21.59	252.17 18.94 -12.97	157.45 9.41 -5.51	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_7 23710	60.17 2.65 0.00	56.61 3.20 0.00	51.68 3.43 0.00	49.40 2.97 0.00	49.00 2.77 0.00	51.56 2.60 0.00	54.93 2.67 0.00	58.16 2.61 0.00	60.71 1.37 0.01	66.59 1.43 0.01	80.49 3.61 0.00	129.41 5.32 -36.92	115.59 7.73 -12.45	249.04 11.35 -115.60	289.80 14.81 -126.91	399.74 21.64 -167.99	440.75 25.98 -167.32	492.19 32.29 -152.39	517.93 35.79 -134.61	361.88 28.95 -21.59	252.16 18.94 -12.96	157.31 9.26 -5.51	94.38 3.63 0.00	86.13 2.65 -9.78
BARRETT_IC_8 23711	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	129.41 5.32 -36.92	115.78 7.91 -12.45	249.04 11.36 -115.60	289.94 14.95 -126.91	399.95 21.85 -167.99	440.74 25.98 -167.32	492.18 32.28 -152.39	517.94 35.80 -134.61	361.88 28.96 -21.59	252.17 18.94 -12.97	157.45 9.41 -5.51	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT_IC_9 23700	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	103.73 5.32 -11.23	107.12 7.91 -3.80	94.41 11.36 39.03	91.28 14.95 71.75	290.00 21.85 -58.04	199.59 25.98 73.84	127.06 32.28 212.74	133.20 35.80 250.13	87.35 28.96 252.94	87.35 18.94 151.85	87.35 9.41 64.59	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT___1 23545	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	129.41 5.32 -36.92	115.78 7.91 -12.45	249.04 11.36 -115.60	289.94 14.95 -126.91	399.95 21.85 -167.99	440.74 25.98 -167.32	492.18 32.28 -152.39	517.94 35.80 -134.61	361.88 28.96 -21.59	252.17 18.94 -12.97	157.45 9.41 -5.51	94.65 3.90 0.00	86.12 2.65 -9.78
BARRETT___2 23546	60.00 2.47 -0.01	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	48.95 2.73 0.00	51.56 2.59 0.00	54.93 2.66 0.00	57.49 1.94 0.00	60.65 1.30 0.01	66.58 1.43 0.01	80.18 3.30 0.00	103.73 5.32 -11.23	107.12 7.91 -3.80	94.41 11.36 39.03	91.28 14.95 71.75	290.00 21.85 -58.04	199.59 25.98 73.84	127.06 32.28 212.74	133.20 35.80 250.13	87.35 28.96 252.94	87.35 18.94 151.85	87.35 9.41 64.59	94.65 3.90 0.00	86.12 2.65 -9.78
BATAVIA___115KV_TB1 55881	59.77 2.24 0.00	54.69 1.28 0.00	49.12 0.87 0.00	46.89 0.46 0.00	46.64 0.42 0.00	49.16 0.20 0.00	51.69 -0.57 0.00	55.38 -0.17 0.00	60.84 1.48 0.00	66.72 1.56 0.00	79.26 2.38 0.00	91.01 3.84 0.00	101.99 6.58 0.00	129.29 7.20 0.00	154.60 6.52 0.00	215.15 5.04 0.00	248.69 1.24 0.00	306.59 -0.92 0.00	347.52 0.00 0.00	313.20 1.87 0.00	225.32 5.07 0.00	150.52 7.98 0.00	94.47 3.72 0.00	77.59 3.91 0.00
BAYONEEC___CTG1 323682	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BAYONEEC___CTG10 323750	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BAYONEEC___CTG2 323683	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BAYONEEC___CTG3 323684	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BAYONEEC___CTG4 323685	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BAYONEEC___CTG5 323686	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BAYONEEC___CTG6 323687	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BAYONEEC___CTG7 323688	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34

BAYONEEC___CTG8 323689	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BAYONEEC___CTG9 323749	60.17 2.65 0.00	55.91 2.51 0.00	51.01 2.75 0.00	49.07 2.64 0.00	48.67 2.45 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.99 2.44 0.00	61.79 2.43 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.49 5.32 0.01	102.87 7.64 0.18	140.15 11.47 -6.59	169.43 15.40 -5.95	236.21 22.26 -3.84	333.03 26.73 -58.84	386.12 32.92 -45.69	384.25 35.80 -0.92	341.23 29.89 0.00	238.53 18.27 0.00	122.75 9.26 29.05	98.57 4.45 -3.38	64.12 1.77 11.34
BEACON___LESR 323632	58.61 1.09 0.00	54.31 0.91 0.00	49.17 0.91 0.00	47.31 0.88 0.00	47.06 0.83 0.00	49.65 0.69 0.00	53.15 0.89 0.00	56.10 0.56 0.00	59.83 0.47 0.00	65.42 0.26 0.00	77.57 0.69 0.00	88.40 1.22 0.00	97.61 2.20 0.00	125.88 3.79 0.00	152.82 4.74 0.00	148.99 7.98 69.10	175.49 9.64 81.60	239.20 12.61 80.93	345.17 14.25 16.60	323.46 12.13 0.00	228.17 7.92 0.00	147.38 4.85 0.00	92.57 1.81 0.00	74.58 0.89 0.00
BEAVER RIVER___HYD 24048	59.19 1.67 0.00	54.79 1.39 0.00	49.32 1.06 0.00	47.49 1.07 0.00	47.61 1.39 0.00	50.73 1.76 0.00	54.46 2.19 0.00	58.16 2.61 0.00	61.79 2.43 0.00	67.31 2.15 0.00	78.95 2.08 0.00	89.71 2.53 0.00	95.79 0.38 0.00	116.03 -0.12 5.94	135.28 -0.30 12.51	181.83 -0.21 28.07	210.09 0.25 37.61	256.90 2.17 52.78	291.05 6.26 62.74	316.41 8.71 3.63	228.15 7.92 0.03	147.78 5.28 0.03	95.47 4.72 0.00	77.15 3.46 0.00
BEEBEE_GT_13 23619	58.67 1.15 0.00	53.83 0.43 0.00	48.45 0.19 0.00	46.38 -0.05 0.00	46.13 -0.09 0.00	48.67 -0.29 0.00	51.64 -0.63 0.00	55.38 -0.17 0.00	60.42 1.07 0.00	66.99 1.82 0.00	79.64 2.77 0.00	91.19 4.01 0.00	101.61 6.20 0.00	129.17 7.08 0.00	155.19 7.11 0.00	217.25 7.14 0.00	252.89 5.44 0.00	312.13 4.61 0.00	352.39 4.87 0.00	316.94 5.60 0.00	226.64 6.39 0.00	149.95 7.41 0.00	94.29 3.54 0.00	77.15 3.46 0.00
BENSHRST_27_KV_BENSHRST_1 355998	60.70 3.16 -0.01	56.66 3.26 0.00	51.98 3.72 -0.01	49.86 3.44 0.00	49.51 3.28 0.00	51.90 2.94 0.00	54.98 2.72 0.00	58.38 2.83 0.00	62.08 2.73 0.00	68.35 3.19 0.00	81.34 4.46 0.00	93.32 6.10 -0.04	105.68 8.68 -1.59	190.37 12.58 -55.70	215.55 17.18 -50.29	237.70 23.74 -3.85	334.87 28.46 -58.96	388.35 35.06 -45.77	386.33 37.88 -0.92	344.02 32.69 0.00	240.96 20.70 0.00	123.89 10.41 29.05	110.25 5.17 -14.32	64.73 2.36 11.32
BETHLEHEM___GRP 23843	57.58 0.06 0.00	53.46 0.05 0.00	48.45 0.19 0.00	46.61 0.19 0.00	46.36 0.14 0.00	48.92 -0.05 0.00	52.32 0.05 0.00	55.27 -0.28 0.00	58.82 -0.53 0.00	64.38 -0.78 0.00	76.42 -0.46 0.00	86.92 -0.26 0.00	95.89 0.48 0.00	123.68 1.59 0.00	150.15 2.07 0.00	176.33 3.78 37.56	206.54 4.70 45.61	268.72 6.15 44.94	345.10 6.60 9.03	316.63 5.29 0.00	223.34 3.08 0.00	144.25 1.71 0.00	90.66 -0.09 0.00	73.10 -0.59 0.00
BETHLEHEM___GS1 323560	57.58 0.06 0.00	53.46 0.05 0.00	48.40 0.15 0.00	46.61 0.19 0.00	46.36 0.14 0.00	48.92 -0.05 0.00	52.32 0.05 0.00	55.21 -0.33 0.00	58.82 -0.54 0.00	64.38 -0.78 0.00	76.34 -0.53 0.00	86.92 -0.26 0.00	95.89 0.48 0.00	123.80 1.71 0.00	150.15 2.07 0.00	176.33 3.79 37.56	206.52 4.69 45.61	268.72 6.15 44.94	345.08 6.59 9.03	316.62 5.29 0.00	223.34 3.08 0.00	144.25 1.72 0.00	90.66 -0.09 0.00	73.10 -0.59 0.00
BETHLEHEM___GS2 323561	57.58 0.06 0.00	53.46 0.05 0.00	48.40 0.15 0.00	46.61 0.19 0.00	46.36 0.14 0.00	48.92 -0.05 0.00	52.32 0.05 0.00	55.21 -0.33 0.00	58.82 -0.54 0.00	64.38 -0.78 0.00	76.34 -0.53 0.00	86.92 -0.26 0.00	95.89 0.48 0.00	123.80 1.71 0.00	150.15 2.07 0.00	176.33 3.79 37.56	206.52 4.69 45.61	268.72 6.15 44.94	345.08 6.59 9.03	316.62 5.29 0.00	223.34 3.08 0.00	144.25 1.72 0.00	90.66 -0.09 0.00	73.10 -0.59 0.00
BETHLEHEM___GS3 323562	57.58 0.06 0.00	53.46 0.05 0.00	48.40 0.15 0.00	46.61 0.19 0.00	46.36 0.14 0.00	48.92 -0.05 0.00	52.32 0.05 0.00	55.21 -0.33 0.00	58.82 -0.54 0.00	64.38 -0.78 0.00	76.34 -0.53 0.00	86.92 -0.26 0.00	95.89 0.48 0.00	123.80 1.71 0.00	150.15 2.07 0.00	176.33 3.79 37.56	206.52 4.69 45.61	268.72 6.15 44.94	345.08 6.59 9.03	316.62 5.29 0.00	223.34 3.08 0.00	144.25 1.72 0.00	90.66 -0.09 0.00	73.10 -0.59 0.00
BETHLEHEM___STEEL 23779	58.62 1.09 0.00	53.72 0.32 0.00	48.26 0.00 0.00	46.15 -0.28 0.00	45.90 -0.32 0.00	48.38 -0.59 0.00	51.01 -1.25 0.00	54.55 -1.00 0.00	60.07 0.71 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.62 4.45 0.00	102.76 7.35 0.00	130.15 8.06 0.00	155.63 7.55 0.00	216.41 6.30 0.00	248.93 1.48 0.00	305.98 -1.54 0.00	346.48 -1.04 0.00	311.33 0.00 0.00	224.00 3.74 0.00	149.80 7.27 0.00	94.20 3.45 0.00	77.74 4.05 0.00
BETHLHEM_115KV_TB1 79974	57.70 0.17 0.00	53.56 0.16 0.00	48.59 0.34 0.00	46.75 0.32 0.00	46.50 0.28 0.00	49.06 0.10 0.00	52.42 0.16 0.00	55.43 -0.11 0.00	59.00 -0.36 0.00	64.57 -0.59 0.00	76.57 -0.31 0.00	87.18 0.00 0.00	96.17 0.76 0.00	124.04 1.95 0.00	150.60 2.52 0.00	178.97 4.20 35.33	209.58 5.20 43.06	271.89 6.77 42.40	346.33 7.30 8.49	317.56 6.23 0.00	223.78 3.52 0.00	144.53 2.00 0.00	90.93 0.18 0.00	73.25 -0.44 0.00
BETHPAGE_CC_5 323564	59.88 2.36 0.00	56.61 3.20 0.00	51.68 3.43 0.00	49.40 2.97 0.00	49.00 2.77 0.00	51.56 2.59 0.00	55.03 2.77 0.00	57.60 2.06 0.00	60.71 1.37 0.01	66.65 1.50 0.01	80.26 3.38 0.00	96.61 5.66 -3.77	105.28 8.59 -1.28	143.87 12.70 -9.09	180.58 16.73 -15.77	302.46 24.36 -68.00	342.51 28.69 -66.37	391.23 35.66 -48.06	390.65 39.26 -3.87	335.77 31.77 7.33	236.80 20.94 4.39	150.93 10.27 1.87	94.65 3.90 0.00	71.43 2.36 4.62
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	58.67 1.15 0.00	53.83 0.43 0.00	48.35 0.10 0.00	46.19 -0.23 0.00	45.99 -0.23 0.00	48.43 -0.54 0.00	51.17 -1.10 0.00	54.66 -0.89 0.00	60.24 0.89 0.00	67.18 2.02 0.00	79.95 3.08 0.00	91.88 4.71 0.00	103.14 7.73 0.00	130.76 8.67 0.00	156.37 8.29 0.00	217.46 7.35 0.00	250.42 2.97 0.00	307.52 0.00 0.00	348.22 0.70 0.00	312.89 1.56 0.00	224.88 4.63 0.00	150.37 7.84 0.00	94.47 3.72 0.00	77.89 4.20 0.00
BINGHAMTON___COGEN 23790	58.56 1.04 0.00	54.15 0.75 0.00	48.98 0.72 0.00	47.03 0.60 0.00	46.83 0.60 0.00	49.46 0.49 0.00	52.79 0.52 0.00	55.99 0.44 0.00	60.24 0.89 0.00	66.33 1.17 0.00	78.72 1.85 0.00	89.97 2.79 0.00	99.80 4.39 0.00	127.70 5.62 0.00	154.45 6.37 0.00	218.09 7.98 0.00	255.37 7.92 0.00	316.74 9.23 0.00	358.30 10.77 0.00	321.61 10.27 0.00	228.63 8.37 0.00	148.95 6.41 0.00	93.66 2.90 0.00	75.97 2.28 0.00

BIXINCNT_115KV_LOAD 355685	58.56 1.04 0.00	53.78 0.37 0.00	48.35 0.10 0.00	46.29 -0.14 0.00	46.09 -0.14 0.00	48.62 -0.34 0.00	51.59 -0.68 0.00	55.10 -0.44 0.00	60.66 1.31 0.00	67.64 2.48 0.00	80.49 3.61 0.00	92.58 5.40 0.00	103.71 8.30 0.00	131.61 9.52 0.00	157.56 9.48 0.00	219.35 9.24 0.00	252.89 5.44 0.00	310.59 3.08 0.00	352.04 4.52 0.00	316.32 4.98 0.00	227.30 7.05 0.00	151.37 8.84 0.00	95.02 4.27 0.00	77.96 4.27 0.00
BLACK RIVER___HYD 24047	60.51 2.99 0.00	55.91 2.51 0.00	50.33 2.07 0.00	48.42 1.99 0.00	48.54 2.31 0.00	51.66 2.69 0.00	55.51 3.24 0.00	59.05 3.50 0.00	62.79 3.44 0.00	68.35 3.19 0.00	80.18 3.30 0.00	91.36 4.18 0.00	97.89 2.48 0.00	120.81 2.81 4.09	142.42 2.96 8.62	195.37 4.62 19.35	226.95 5.44 25.93	280.34 9.22 36.39	320.26 15.99 43.26	327.51 18.68 2.50	236.10 15.87 0.02	152.91 10.40 0.02	98.28 7.53 0.00	79.29 5.60 0.00
BLACKRVR_115KV_TB2 79977	60.51 2.99 0.00	55.91 2.51 0.00	50.33 2.08 0.00	48.42 2.00 0.00	48.54 2.31 0.00	51.66 2.69 0.00	55.51 3.24 0.00	58.99 3.44 0.00	62.80 3.44 0.00	68.35 3.19 0.00	80.18 3.31 0.00	91.36 4.18 0.00	99.90 4.48 0.00	120.80 2.81 4.09	142.42 2.96 8.62	195.38 4.62 19.35	226.96 5.44 25.93	280.35 9.23 36.39	320.25 15.99 43.26	327.51 18.68 2.50	236.10 15.86 0.02	152.92 10.41 0.02	98.37 7.62 0.00	79.29 5.60 0.00
BLDWN_LI_69_KV_BK4 356085	60.69 3.16 0.00	57.04 3.63 0.00	52.07 3.81 0.00	49.72 3.30 0.00	49.37 3.14 0.00	51.95 2.99 0.00	55.40 3.14 0.00	58.71 3.17 0.00	61.36 2.02 0.01	67.37 2.22 0.01	81.26 4.38 0.00	105.38 6.19 -12.01	108.44 8.97 -4.06	170.78 13.06 -35.63	208.74 17.18 -43.48	330.57 25.42 -95.04	370.96 30.44 -93.08	420.82 37.82 -75.48	426.13 42.05 -36.55	345.58 34.25 0.00	242.72 22.47 0.00	154.22 11.69 0.00	95.47 4.72 0.00	77.10 3.54 0.12
BLISS_WT_PWR 323608	58.39 0.86 0.00	53.67 0.27 0.00	48.30 0.05 0.00	46.24 -0.18 0.00	46.23 0.00 0.00	48.63 -0.34 0.00	51.58 -0.68 0.00	55.60 0.06 0.00	60.66 1.30 0.00	67.70 2.54 0.00	80.49 3.61 0.00	92.58 5.41 0.00	103.90 8.49 0.00	131.25 9.16 0.00	157.26 9.18 0.00	219.13 9.03 0.00	253.15 5.70 0.00	310.59 3.07 0.00	352.74 5.22 0.00	316.30 4.97 0.00	227.30 7.05 0.00	151.38 8.84 0.00	95.02 4.27 0.00	77.96 4.27 0.00
BLUESTONE___WT_PWR 323821	61.44 3.91 0.00	56.82 3.42 0.00	51.35 3.09 0.00	49.35 2.93 0.00	49.32 3.10 0.00	52.25 3.28 0.00	55.98 3.71 0.00	59.43 3.89 0.00	63.68 4.33 0.00	69.65 4.49 0.00	82.26 5.38 0.00	94.33 7.15 0.00	104.57 9.16 0.00	134.06 11.97 0.00	162.60 14.52 0.00	230.71 20.60 0.00	270.70 23.25 0.00	337.04 29.52 0.00	383.66 36.14 0.00	344.97 33.63 0.00	245.36 25.10 0.00	159.35 16.81 0.00	99.65 8.90 0.00	80.39 6.70 0.00
BLUE_CIRC_CHEM_DRP 24182	57.29 -0.23 0.00	53.19 -0.21 0.00	48.26 0.00 0.00	46.43 0.00 0.00	46.18 -0.05 0.00	48.72 -0.24 0.00	52.00 -0.26 0.00	54.82 -0.72 0.00	58.23 -1.13 0.00	63.60 -1.56 0.00	75.34 -1.54 0.00	85.59 -1.39 0.20	91.69 -1.05 2.67	117.90 -0.37 3.82	136.51 -0.44 11.12	158.26 0.21 52.06	180.36 0.49 67.59	224.62 1.23 84.13	341.67 2.43 8.29	313.19 1.87 0.02	221.34 1.10 0.02	133.79 0.71 9.46	90.12 -0.64 0.00	72.73 -0.96 0.00
BOC_GAS_DRP 24189	57.98 0.46 0.00	53.83 0.43 0.00	48.84 0.58 0.00	47.03 0.60 0.00	46.78 0.55 0.00	49.36 0.39 0.00	52.74 0.47 0.00	55.77 0.22 0.00	59.35 0.00 0.00	65.03 -0.13 0.00	77.03 0.15 0.00	87.71 0.52 -0.01	96.92 1.34 -0.17	125.02 2.69 -0.24	152.19 3.41 -0.71	193.30 5.04 21.85	226.39 6.19 27.24	290.01 8.00 25.50	350.69 8.69 5.52	318.50 7.16 0.00	224.66 4.41 0.00	145.70 2.57 -0.60	91.39 0.64 0.00	73.62 -0.07 0.00
BOONVILLE_115KV_TB1 79983	59.25 1.73 0.00	54.85 1.44 0.00	49.51 1.25 0.00	47.63 1.21 0.00	47.66 1.43 0.00	50.63 1.66 0.00	54.25 1.99 0.00	57.77 2.22 0.00	61.73 2.37 0.00	67.25 2.09 0.00	79.18 2.31 0.00	90.23 3.05 0.00	98.94 3.53 0.00	123.75 3.91 2.24	148.10 4.74 4.72	206.23 6.72 10.59	241.42 8.17 14.20	298.66 11.07 19.92	338.44 14.60 23.68	324.60 14.63 1.37	231.48 11.23 0.01	149.79 7.27 0.01	95.02 4.27 0.00	76.64 2.95 0.00
BORALEX_4TH_BRANCH 23824	60.11 2.59 0.00	55.70 2.30 0.00	50.43 2.17 0.00	48.42 2.00 0.00	48.12 1.90 0.00	50.68 1.71 0.00	54.36 2.09 0.00	57.49 1.94 0.00	61.19 1.84 0.00	66.72 1.56 0.00	79.34 2.46 0.00	90.49 3.31 0.00	99.90 4.48 0.00	129.17 7.08 0.00	156.96 8.88 0.00	247.76 14.08 -23.58	287.90 16.83 -23.62	352.84 20.91 -24.41	376.82 23.63 -5.66	331.88 20.55 0.00	233.91 13.66 0.00	151.09 8.55 0.00	94.65 3.90 0.00	76.19 2.51 0.00
BOWLINE___1 23526	59.36 1.84 0.00	55.16 1.76 0.00	50.19 1.93 0.00	48.23 1.81 0.00	47.89 1.66 0.00	50.43 1.47 0.00	53.99 1.72 0.00	57.10 1.55 0.00	60.89 1.54 0.00	66.92 1.76 0.00	79.49 2.62 0.00	91.10 3.93 0.00	101.33 5.92 0.00	131.12 9.03 0.00	160.23 12.15 0.00	231.74 18.07 -3.56	309.42 21.78 -40.19	365.72 26.74 -31.46	377.21 28.83 -0.86	335.63 24.30 0.00	235.24 14.98 0.00	150.08 7.55 0.00	94.11 3.36 0.00	74.86 1.18 0.00
BOWLINE___2 23595	59.36 1.84 0.00	55.16 1.76 0.00	50.19 1.93 0.00	48.23 1.81 0.00	47.89 1.66 0.00	50.43 1.47 0.00	53.99 1.72 0.00	57.10 1.55 0.00	60.89 1.54 0.00	66.92 1.76 0.00	79.49 2.62 0.00	91.10 3.93 0.00	101.33 5.92 0.00	131.12 9.03 0.00	160.23 12.15 0.00	231.74 18.07 -3.56	309.45 21.78 -40.22	365.74 26.74 -31.48	377.21 28.83 -0.86	335.63 24.30 0.00	235.24 14.98 0.00	150.08 7.55 0.00	94.11 3.36 0.00	74.86 1.18 0.00
BRADY___115KV_TB2 356060	58.44 0.92 0.00	54.42 1.01 0.00	48.74 0.48 0.00	46.98 0.56 0.00	46.92 0.69 0.00	50.04 1.08 0.00	53.47 1.20 0.00	56.88 1.33 0.00	60.24 0.89 0.00	66.07 0.91 0.00	77.03 0.15 0.00	86.57 -0.61 0.00	92.36 -3.05 0.00	93.85 -7.45 20.79	95.40 -8.88 43.79	99.64 -12.19 98.28	102.63 -13.11 131.70	107.63 -15.07 184.82	112.20 -15.64 219.69	104.81 -12.14 194.39	100.31 -7.49 112.46	96.26 -5.13 41.14	91.84 1.09 0.00	75.46 1.77 0.00
BRANSCOMB___SOLAR 323811	60.23 2.70 0.00	55.75 2.35 0.00	50.43 2.17 0.00	48.47 2.04 0.00	48.21 1.99 0.00	50.93 1.96 0.00	54.51 2.25 0.00	57.66 2.11 0.00	61.25 1.90 0.00	66.85 1.69 0.00	79.03 2.15 0.00	90.23 3.05 0.00	99.51 4.10 0.00	128.19 6.10 0.00	155.33 7.25 0.00	241.13 11.76 -19.27	281.07 14.35 -19.28	345.90 18.45 -19.93	375.80 23.64 -4.63	333.12 21.79 0.00	235.90 15.64 0.00	152.80 10.27 0.00	95.74 4.99 0.00	77.01 3.32 0.00
BRDGHMPT_69_KV_BK1 55812	62.07 4.54 0.00	58.32 4.91 0.00	53.23 4.97 0.00	50.65 4.22 0.00	50.25 4.02 0.00	52.83 3.87 0.00	56.29 4.02 0.00	59.93 4.39 0.00	62.67 3.32 0.01	68.66 3.52 0.02	83.80 6.92 0.00	98.37 9.85 -1.34	109.33 13.45 -0.47	142.62 19.41 -1.12	180.16 24.73 -7.35	301.94 33.41 -58.43	340.11 35.63 -57.02	390.44 44.59 -38.34	389.38 48.31 6.45	337.95 36.74 10.12	241.05 26.87 6.08	154.63 14.68 2.58	96.56 5.81 0.00	71.15 4.05 6.59

BRENTWOD_69_KV_W. BRTWOOD 56703	60.69 3.16 0.00	57.36 3.95 0.00	52.41 4.15 0.00	49.95 3.53 0.00	49.60 3.37 0.00	52.15 3.18 0.00	55.72 3.45 0.00	59.04 3.50 0.00	61.24 1.90 0.01	66.91 1.76 0.02	81.21 4.31 -0.03	94.99 6.19 -1.62	105.24 9.25 -0.58	136.85 12.82 -1.95	173.20 16.88 -8.24	294.08 24.58 -59.39	333.69 28.21 -58.03	382.31 35.36 -39.43	381.50 39.27 5.29	332.11 30.51 9.74	235.34 20.92 5.84	150.03 9.98 2.49	94.84 4.08 0.00	70.12 2.80 6.37
BRISTLHL_115KV_TB1 79998	56.95 -0.58 0.00	52.71 -0.69 0.00	47.58 -0.68 0.00	45.73 -0.70 0.00	45.49 -0.74 0.00	48.13 -0.83 0.00	51.43 -0.84 0.00	54.71 -0.83 0.00	58.70 -0.65 0.00	64.51 -0.65 0.00	76.49 -0.38 0.00	87.09 -0.09 0.00	96.08 0.67 0.00	122.55 0.98 0.52	147.88 0.89 1.09	208.49 0.84 2.45	244.41 0.25 3.29	302.91 0.00 4.61	342.39 0.35 5.48	311.95 0.93 0.32	221.80 1.54 0.00	144.10 1.57 0.00	90.84 0.09 0.00	73.54 -0.15 0.00
BROOKHAVEN___DRP 24191	60.17 2.65 0.00	56.71 3.31 0.00	51.83 3.57 0.00	49.40 2.97 0.00	49.00 2.77 0.00	51.56 2.60 0.00	55.04 2.77 0.00	58.38 2.83 0.00	60.65 1.31 0.01	66.25 1.11 0.02	80.49 3.61 0.00	94.27 5.75 -1.34	104.65 8.78 -0.46	136.25 13.06 -1.10	172.44 17.03 -7.33	292.88 24.37 -58.41	330.19 25.73 -57.00	378.43 32.60 -38.31	377.19 36.14 6.48	328.61 27.40 10.13	234.66 20.48 6.08	149.93 9.98 2.59	94.11 3.36 0.00	68.93 1.84 6.60
BROOKLYN_NAVY_YARD 23515	60.28 2.76 0.00	56.02 2.62 0.00	51.05 2.80 0.00	49.12 2.69 0.00	48.72 2.49 0.00	51.27 2.30 0.00	54.88 2.61 0.00	58.16 2.61 0.00	62.03 2.67 0.00	68.29 3.13 0.00	80.87 4.00 0.00	92.76 5.58 0.00	103.33 7.91 0.00	135.58 11.84 -1.66	166.52 15.85 -2.59	237.78 23.11 -4.56	337.48 27.46 -62.57	393.54 33.83 -52.20	391.78 36.82 -7.44	348.26 31.13 -5.79	242.89 19.15 -3.48	153.71 9.70 -1.48	95.56 4.81 0.00	75.68 1.99 0.00
BROOKLYN___ARMY_DRP 323595	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.62 5.40 -0.04	104.51 7.82 -1.27	155.50 11.60 -21.82	183.62 15.84 -19.70	235.81 21.85 -3.85	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	100.04 4.36 -4.93	64.12 1.77 11.34
BROOME_2_LFGE 323671	58.56 1.04 0.00	54.15 0.75 0.00	48.98 0.72 0.00	47.03 0.60 0.00	46.87 0.65 0.00	49.46 0.49 0.00	52.79 0.52 0.00	56.10 0.56 0.00	60.24 0.89 0.00	66.34 1.17 0.00	78.65 1.77 0.00	89.97 2.79 0.00	99.80 4.39 0.00	127.71 5.62 0.00	154.30 6.22 0.00	218.09 7.98 0.00	255.37 7.92 0.00	316.73 9.22 0.00	358.64 11.12 0.00	321.59 10.26 0.00	228.62 8.37 0.00	148.96 6.42 0.00	93.65 2.90 0.00	75.98 2.29 0.00
BROOME___LFGE 323600	58.56 1.04 0.00	54.15 0.75 0.00	48.98 0.72 0.00	47.03 0.60 0.00	46.87 0.65 0.00	49.46 0.49 0.00	52.79 0.52 0.00	56.10 0.56 0.00	60.24 0.89 0.00	66.34 1.17 0.00	78.65 1.77 0.00	89.97 2.79 0.00	99.80 4.39 0.00	127.71 5.62 0.00	154.30 6.22 0.00	218.09 7.98 0.00	255.37 7.92 0.00	316.73 9.22 0.00	358.64 11.12 0.00	321.59 10.26 0.00	228.62 8.37 0.00	148.96 6.42 0.00	93.65 2.90 0.00	75.98 2.29 0.00
BROWNFLS_115KV_TB_3_5 80003	58.50 0.98 0.00	54.26 0.85 0.00	48.74 0.48 0.00	46.98 0.56 0.00	47.01 0.79 0.00	50.14 1.18 0.00	53.78 1.52 0.00	57.27 1.72 0.00	60.72 1.37 0.00	66.33 1.17 0.00	77.65 0.77 0.00	87.87 0.70 0.00	94.93 -0.48 0.00	107.21 -4.15 10.73	120.45 -5.03 22.60	152.45 -6.93 50.72	172.06 -7.42 67.97	204.45 -7.69 95.38	228.25 -5.91 113.37	301.35 -3.42 6.56	219.32 -0.88 0.05	142.05 -0.43 0.06	93.29 2.54 0.00	75.97 2.28 0.00
BROWNSV1_27_KV_LOAD 356125	60.97 3.45 0.00	56.66 3.26 0.00	51.68 3.43 0.00	49.58 3.16 0.00	49.23 3.00 0.00	51.81 2.84 0.00	55.40 3.14 0.00	58.88 3.33 0.00	62.68 3.32 0.00	69.07 3.91 0.00	82.03 5.15 0.00	93.98 6.80 0.00	104.67 9.25 0.00	135.64 13.55 0.00	165.85 17.77 0.00	240.21 26.26 -3.84	337.47 31.18 -58.84	391.64 38.44 -45.69	390.50 42.05 -0.92	347.14 35.80 0.00	242.72 22.47 0.00	154.37 11.83 0.00	96.65 5.90 0.00	76.71 3.02 0.00
BURROWS___LYONSDAL 23803	59.13 1.61 0.00	54.74 1.34 0.00	49.37 1.11 0.00	47.54 1.11 0.00	47.61 1.39 0.00	50.58 1.62 0.00	54.30 2.04 0.00	57.88 2.33 0.00	61.73 2.37 0.00	67.25 2.09 0.00	79.11 2.23 0.00	90.14 2.96 0.00	98.75 3.34 0.00	122.30 3.17 2.97	145.53 6.25 6.25	201.55 5.46 14.02	235.34 6.68 18.79	290.68 9.53 26.37	329.38 13.21 31.35	323.22 13.70 1.81	231.03 10.79 0.01	149.50 6.98 0.02	95.02 4.27 0.00	76.64 2.95 0.00
CAITHNESS_CC_1 323624	59.83 2.30 0.00	56.66 3.26 0.00	51.73 3.48 0.00	49.35 2.93 0.00	48.91 2.68 0.00	51.51 2.54 0.00	54.98 2.72 0.00	57.43 1.89 0.00	60.35 1.01 0.01	66.12 0.98 0.02	80.11 3.23 0.00	94.00 5.50 -1.33	104.36 8.49 -0.46	135.86 12.70 -1.08	171.97 16.58 -7.31	291.81 23.32 -58.38	329.68 25.25 -56.98	377.79 31.98 -38.29	376.11 35.09 6.50	327.98 26.78 10.13	234.01 19.83 6.07	149.50 9.55 2.59	94.11 3.36 0.00	68.78 1.70 6.60
CALPINE BETH_PAGE_GT4 24209	60.05 2.53 0.00	56.55 3.15 0.00	51.68 3.43 0.00	49.35 2.92 0.00	49.00 2.77 0.00	51.56 2.60 0.00	54.98 2.72 0.00	58.32 2.78 0.00	60.83 1.48 0.01	66.78 1.63 0.01	80.64 3.77 0.00	97.74 5.75 -4.81	105.54 8.49 -1.63	147.36 12.70 -12.57	184.29 16.73 -19.47	306.88 24.58 -72.19	346.94 28.95 -70.53	395.96 35.98 -52.47	395.99 39.97 -8.50	337.45 32.07 5.96	237.82 21.14 3.58	151.42 10.41 1.52	94.56 3.81 0.00	72.44 2.51 3.75
CALPINE_BETH_PAGE_GT_4 323586	59.88 2.36 0.00	56.55 3.15 0.00	51.63 3.38 0.00	49.35 2.93 0.00	48.95 2.73 0.00	51.51 2.54 0.00	54.98 2.72 0.00	57.60 2.06 0.00	60.71 1.37 0.01	66.78 1.63 0.01	80.34 3.46 0.00	97.74 5.75 -4.81	105.73 8.68 -1.63	147.48 12.82 -12.57	184.28 16.73 -19.47	306.86 24.57 -72.19	346.92 28.94 -70.53	395.95 35.96 -52.47	395.98 39.95 -8.50	337.45 32.07 5.96	237.84 21.15 3.57	151.41 10.40 1.52	94.74 3.99 0.00	72.45 2.51 3.75
CALPINE_BP_GT1 23823	59.88 2.36 0.00	56.55 3.15 0.00	51.63 3.38 0.00	49.35 2.93 0.00	48.95 2.73 0.00	51.51 2.54 0.00	54.98 2.72 0.00	57.60 2.06 0.00	60.71 1.37 0.01	66.78 1.63 0.01	80.34 3.46 0.00	97.74 5.75 -4.81	105.73 8.68 -1.63	147.48 12.82 -12.57	184.28 16.73 -19.47	306.86 24.57 -72.19	346.92 28.94 -70.53	395.95 35.96 -52.47	395.98 39.95 -8.50	337.45 32.07 5.96	237.84 21.15 3.57	151.41 10.40 1.52	94.74 3.99 0.00	72.45 2.51 3.75
CALSPAN___DRP 24200	58.62 1.09 0.00	53.72 0.32 0.00	48.26 0.00 0.00	46.15 -0.28 0.00	45.90 -0.32 0.00	48.38 -0.59 0.00	51.01 -1.25 0.00	54.55 -1.00 0.00	60.07 0.71 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.62 4.45 0.00	102.76 7.35 0.00	130.15 8.06 0.00	155.63 7.55 0.00	216.41 6.30 0.00	248.93 1.48 0.00	305.98 -1.54 0.00	346.48 -1.04 0.00	311.33 0.00 0.00	224.00 3.74 0.00	149.80 7.27 0.00	94.20 3.45 0.00	77.74 4.05 0.00

CALVERTON___SOLAR 323806	60.11 2.59 0.00	56.87 3.47 0.00	51.92 3.67 0.00	49.49 3.06 0.00	49.05 2.82 0.00	51.66 2.69 0.00	55.14 2.87 0.00	57.66 2.11 0.00	60.65 1.30 0.01	66.45 1.30 0.02	80.65 3.77 0.00	94.71 6.19 -1.34	105.23 9.36 -0.46	137.11 13.91 -1.10	173.48 18.06 -7.34	293.93 25.41 -58.41	331.43 26.98 -57.01	379.97 34.13 -38.32	378.60 37.54 6.47	329.54 28.33 10.12	235.78 21.60 6.07	150.65 10.70 2.59	94.65 3.90 0.00	69.23 2.14 6.60
CANDIGU_WT_PWR 323617	58.79 1.26 0.00	54.10 0.69 0.00	48.79 0.53 0.00	46.71 0.28 0.00	46.59 0.37 0.00	49.11 0.15 0.00	52.06 -0.21 0.00	55.55 0.00 0.00	59.95 0.59 0.00	66.34 1.17 0.00	78.80 1.92 0.00	90.23 3.05 0.00	100.75 5.34 0.00	127.83 5.74 0.00	153.56 5.48 0.00	215.78 5.68 0.00	250.66 3.21 0.00	310.28 2.76 0.00	353.43 5.90 0.00	318.18 6.84 0.00	227.96 7.71 0.00	150.51 7.98 0.00	94.47 3.72 0.00	77.45 3.76 0.00
CARR STREET_E_SYR 24060	57.06 -0.46 0.00	52.77 -0.64 0.00	47.73 -0.53 0.00	45.78 -0.65 0.00	45.58 -0.65 0.00	48.18 -0.79 0.00	51.48 -0.78 0.00	54.88 -0.66 0.00	58.88 -0.48 0.00	64.77 -0.39 0.00	76.72 -0.15 0.00	87.53 0.35 0.00	96.65 1.24 0.00	123.36 1.71 0.44	148.79 1.63 0.92	209.93 1.89 2.06	246.18 1.49 2.76	304.88 1.24 3.87	344.32 1.40 4.60	312.95 1.88 0.27	222.23 1.98 0.00	144.53 1.99 0.00	91.02 0.27 0.00	73.69 0.00 0.00
CARTHAGE___PAPER 23857	59.83 2.30 0.00	55.32 1.92 0.00	49.75 1.50 0.00	47.91 1.49 0.00	48.08 1.85 0.00	51.22 2.25 0.00	54.98 2.72 0.00	58.60 3.05 0.00	62.20 2.85 0.00	67.70 2.54 0.00	79.41 2.53 0.00	90.23 3.05 0.00	94.94 -0.47 0.00	116.18 -1.10 4.81	136.18 -1.77 10.12	185.28 -2.10 22.72	215.01 -1.99 30.45	265.09 0.31 42.73	301.95 5.22 50.79	316.48 8.08 2.94	228.15 7.92 0.02	147.63 5.12 0.02	96.65 5.90 0.00	78.04 4.35 0.00
CASSADAGA_WT_PWR 323784	60.05 2.53 0.00	55.06 1.66 0.00	49.51 1.25 0.00	47.31 0.88 0.00	47.24 1.02 0.00	49.70 0.74 0.00	53.00 0.73 0.00	57.16 1.61 0.00	62.38 3.03 0.00	69.72 4.56 0.00	83.03 6.15 0.00	95.73 8.55 0.00	105.62 10.21 0.00	133.31 11.22 0.00	159.64 11.56 0.00	222.92 12.82 0.00	257.09 9.64 0.00	315.21 7.69 0.00	357.94 10.42 0.00	321.29 9.96 0.00	230.61 10.35 0.00	153.36 10.83 0.00	96.20 5.44 0.00	79.07 5.38 0.00
CE_DUNWOOD___DRP 24194	60.00 2.47 0.00	55.75 2.35 0.00	50.77 2.51 0.00	48.75 2.32 0.00	48.44 2.22 0.00	50.97 2.01 0.00	54.51 2.25 0.00	57.88 2.33 0.00	61.55 2.20 0.00	67.64 2.48 0.00	80.41 3.54 0.00	92.06 4.88 0.00	102.38 6.96 0.00	132.59 10.50 0.00	162.15 14.07 0.00	234.74 20.80 -3.84	327.32 24.99 -54.88	380.94 30.75 -42.68	381.81 33.36 -0.92	339.35 28.02 0.00	237.66 17.40 0.00	151.66 9.12 0.00	94.93 4.17 0.00	75.53 1.84 0.00
CE_MILLWOOD___DRP 24193	59.82 2.30 0.00	55.59 2.19 0.00	50.62 2.36 0.00	48.61 2.18 0.00	48.31 2.08 0.00	50.88 1.91 0.00	54.36 2.09 0.00	57.71 2.17 0.00	61.37 2.02 0.00	67.44 2.28 0.00	80.18 3.31 0.00	91.80 4.62 0.00	101.99 6.58 0.00	132.10 10.01 0.00	161.41 13.33 0.00	233.88 19.96 -3.81	321.51 23.76 -50.30	376.24 29.52 -39.20	380.41 31.97 -0.92	338.11 26.77 0.00	237.00 16.74 0.00	151.37 8.84 0.00	94.74 3.99 0.00	75.38 1.69 0.00
CE_NYC2_DRP 24202	60.05 2.53 0.00	56.02 2.62 0.00	51.34 3.09 0.00	49.30 2.88 0.00	49.00 2.77 0.00	51.46 2.50 0.00	54.72 2.46 0.00	58.10 2.56 0.00	61.43 2.08 0.00	67.57 2.41 0.00	80.34 3.46 0.00	91.97 4.79 0.00	102.76 7.16 -0.20	121.65 10.99 11.43	152.72 14.96 10.32	234.96 21.01 -3.85	331.16 24.74 -58.96	383.74 30.44 -45.77	381.46 33.01 -0.92	339.04 27.71 0.00	237.22 16.96 0.00	121.75 8.27 29.05	87.96 3.72 6.52	63.57 1.25 11.37
CE_NYC_DRP 24195	60.34 2.82 0.00	56.13 2.72 0.00	51.20 2.94 0.00	49.17 2.74 0.00	48.81 2.59 0.00	51.37 2.40 0.00	54.93 2.67 0.00	58.32 2.78 0.00	62.02 2.67 0.00	68.35 3.19 0.00	81.18 4.31 0.00	92.84 5.67 0.00	103.43 8.01 0.00	134.05 11.96 0.00	163.92 15.84 0.00	237.27 23.32 -3.84	333.98 27.71 -58.82	387.32 34.13 -45.67	385.63 37.19 -0.92	342.78 31.44 0.00	239.42 19.16 0.00	152.37 9.83 0.00	95.47 4.72 0.00	75.75 2.06 0.00
CHAFFEE___LFGE 323603	58.79 1.26 0.00	53.88 0.48 0.00	48.45 0.19 0.00	46.29 -0.14 0.00	46.23 0.00 0.00	48.48 -0.49 0.00	51.22 -1.04 0.00	55.32 -0.22 0.00	60.30 0.95 0.00	67.31 2.15 0.00	80.03 3.15 0.00	92.14 4.97 0.00	103.43 8.02 0.00	130.51 8.42 0.00	156.22 8.14 0.00	217.66 7.55 0.00	250.91 3.46 0.00	308.13 0.62 0.00	349.62 2.10 0.00	313.53 2.19 0.00	225.33 5.07 0.00	150.66 8.12 0.00	94.65 3.90 0.00	77.96 4.27 0.00
CHATEAUG_35_KV_LOAD 355732	56.09 -1.44 0.00	52.39 -1.01 0.00	47.34 -0.92 0.00	45.82 -0.60 0.00	45.76 -0.46 0.00	48.67 -0.29 0.00	52.06 -0.21 0.00	55.66 0.11 0.00	59.41 0.06 0.00	65.29 0.13 0.00	76.34 -0.54 0.00	85.87 -1.31 0.00	91.98 -3.43 0.00	114.55 -6.10 1.44	137.65 -7.40 3.03	193.22 -10.09 6.80	227.20 -11.14 9.11	282.12 -12.61 12.79	318.42 -13.90 15.20	273.67 -11.52 26.15	197.35 -7.27 15.64	131.83 -4.99 5.71	89.93 -0.82 0.00	73.69 0.00 0.00
CHATEAUG_WT_PWR 323614	56.03 -1.50 0.00	52.28 -1.12 0.00	47.34 -0.92 0.00	45.78 -0.65 0.00	45.76 -0.46 0.00	48.57 -0.39 0.00	51.95 -0.31 0.00	55.60 0.06 0.00	59.35 0.00 0.00	65.29 0.13 0.00	76.49 -0.38 0.00	85.96 -1.22 0.00	92.07 -3.34 0.00	116.35 -5.74 0.00	141.12 -6.96 0.00	200.44 -9.66 0.00	236.82 -10.63 0.00	295.21 -12.31 0.00	333.96 -13.56 0.00	288.23 -11.51 11.60	205.60 -7.49 7.17	134.79 -5.13 2.62	89.67 -1.08 0.00	73.54 -0.15 0.00
CHAT_HIGH_FALL_HYD 323578	56.09 -1.44 0.00	52.39 -1.01 0.00	47.34 -0.92 0.00	45.82 -0.60 0.00	45.76 -0.46 0.00	48.67 -0.29 0.00	52.06 -0.21 0.00	55.66 0.11 0.00	59.41 0.06 0.00	65.29 0.13 0.00	76.34 -0.54 0.00	85.87 -1.31 0.00	91.98 -3.43 0.00	114.55 -6.10 1.44	137.65 -7.40 3.03	193.22 -10.09 6.80	227.20 -11.14 9.11	282.12 -12.61 12.79	318.42 -13.90 15.20	273.67 -11.52 26.15	197.35 -7.27 15.64	131.83 -4.99 5.71	89.93 -0.82 0.00	73.69 0.00 0.00
CHAUTAUQUA___LFGE 323629	59.54 2.01 0.00	54.63 1.23 0.00	49.13 0.87 0.00	46.94 0.51 0.00	46.87 0.65 0.00	49.26 0.30 0.00	52.06 -0.21 0.00	56.04 0.50 0.00	61.13 1.78 0.00	68.22 3.06 0.00	81.18 4.30 0.00	93.46 6.28 0.00	104.38 8.97 0.00	131.62 9.53 0.00	157.57 9.49 0.00	219.78 9.67 0.00	253.38 5.93 0.00	312.14 4.62 0.00	354.47 6.95 0.00	318.18 6.84 0.00	228.62 8.37 0.00	152.36 9.83 0.00	95.65 4.90 0.00	78.77 5.08 0.00
CHERRYST_13_KV_LD 356241	60.57 3.05 0.00	56.34 2.94 0.00	51.39 3.14 0.00	49.35 2.92 0.00	49.00 2.77 0.00	51.56 2.60 0.00	55.19 2.93 0.00	58.66 3.11 0.00	62.38 3.03 0.00	68.74 3.58 0.00	81.64 4.77 0.00	93.54 6.36 0.00	104.19 8.78 0.00	134.91 12.82 0.00	165.11 17.03 0.00	238.95 25.00 -3.84	335.96 29.69 -58.82	389.78 36.59 -45.67	387.72 39.27 -0.92	344.65 33.31 0.00	240.74 20.48 0.00	153.23 10.69 0.00	95.92 5.17 0.00	76.12 2.43 0.00

CHESTROR_138KV_BK263 355645	59.36 1.84 0.00	55.11 1.71 0.00	50.09 1.83 0.00	48.14 1.72 0.00	47.84 1.62 0.00	50.43 1.47 0.00	53.89 1.62 0.00	57.10 1.56 0.00	60.78 1.42 0.00	66.79 1.63 0.00	79.34 2.46 0.00	90.75 3.57 0.00	100.66 5.25 0.00	130.27 8.18 0.00	158.89 10.81 0.00	229.43 16.18 -3.14	293.24 19.80 -25.99	352.70 24.60 -20.58	375.04 26.76 -0.76	334.06 22.73 0.00	234.35 14.10 0.00	150.09 7.55 0.00	94.11 3.36 0.00	75.09 1.40 0.00
CH_MIDHUDSON___DRP 24192	59.71 2.19 0.00	55.43 2.03 0.00	50.43 2.17 0.00	48.42 2.00 0.00	48.07 1.85 0.00	50.68 1.71 0.00	54.20 1.93 0.00	57.43 1.89 0.00	61.07 1.72 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.10 3.92 0.00	101.14 5.72 0.00	131.00 8.91 0.00	159.78 11.70 0.00	231.29 17.65 -3.53	269.44 22.02 0.04	335.83 27.37 -0.94	377.83 29.54 -0.77	336.55 25.22 0.00	236.11 15.86 0.00	151.37 8.84 0.00	94.84 4.08 0.00	75.68 1.99 0.00
CH_MISC_IPPS 23765	59.83 2.30 0.00	55.54 2.14 0.00	50.43 2.17 0.00	48.52 2.09 0.00	48.12 1.90 0.00	50.78 1.81 0.00	54.25 1.99 0.00	57.38 1.83 0.00	61.25 1.90 0.00	67.31 2.15 0.00	80.03 3.15 0.00	91.45 4.27 0.00	101.80 6.39 0.00	131.86 9.77 0.00	160.96 12.88 0.00	232.28 19.32 -2.86	274.47 23.76 -3.26	340.30 29.52 -3.26	380.57 32.33 -0.72	338.74 27.40 0.00	237.88 17.63 0.00	153.08 10.55 0.00	95.83 5.08 0.00	76.34 2.65 0.00
CH_RES_BVR_FALLS 23983	56.84 -0.69 0.00	52.87 -0.53 0.00	47.73 -0.53 0.00	46.01 -0.42 0.00	45.90 -0.32 0.00	48.72 -0.24 0.00	52.06 -0.21 0.00	55.43 -0.11 0.00	59.29 -0.06 0.00	65.10 -0.07 0.00	76.18 -0.69 0.00	85.96 -1.22 0.00	93.40 -2.01 0.00	119.56 -3.05 -0.52	145.47 -3.70 -1.09	207.51 -5.04 -2.45	244.79 -5.94 -3.28	305.06 -7.06 -4.60	345.34 -7.65 -5.47	304.80 -6.85 -0.32	215.62 -4.64 0.00	139.27 -3.27 0.00	89.39 -1.36 0.00	72.81 -0.88 0.00
CH_RES_NIAGARA 23895	56.55 -0.98 0.00	51.86 -1.55 0.00	46.57 -1.69 0.00	44.48 -1.95 0.00	44.24 -1.99 0.00	46.57 -2.40 0.00	49.03 -3.24 0.00	52.55 -3.00 0.00	57.99 -1.37 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.75 3.34 0.00	124.65 2.56 0.00	148.82 0.74 0.00	206.53 -3.57 0.00	236.56 -10.89 0.00	289.99 -17.53 0.00	328.06 -19.46 0.00	294.83 -16.50 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.30 -0.45 0.00	75.02 1.33 0.00
CH_RES_SYRACUSE 23985	57.35 -0.17 0.00	53.09 -0.32 0.00	47.97 -0.29 0.00	46.01 -0.42 0.00	45.81 -0.42 0.00	48.48 -0.49 0.00	51.74 -0.52 0.00	55.16 -0.39 0.00	59.18 -0.18 0.00	65.10 -0.07 0.00	77.19 0.31 0.00	87.96 0.78 0.00	97.13 1.72 0.00	123.91 2.20 0.38	149.64 2.36 0.80	211.47 3.16 1.79	247.77 2.73 2.40	307.22 3.07 3.37	346.99 3.47 4.01	314.85 3.75 0.23	223.77 3.51 0.00	145.67 3.13 0.00	91.66 0.91 0.00	74.21 0.52 0.00
CLINTON_WT_PWR 323605	56.03 -1.50 0.00	52.28 -1.12 0.00	47.34 -0.92 0.00	45.78 -0.65 0.00	45.76 -0.46 0.00	48.57 -0.39 0.00	51.95 -0.31 0.00	55.60 0.06 0.00	59.35 0.00 0.00	65.29 0.13 0.00	76.49 -0.38 0.00	85.96 -1.22 0.00	92.07 -3.34 0.00	116.35 -5.74 0.00	141.12 -6.96 0.00	200.44 -9.66 0.00	236.82 -10.63 0.00	295.21 -12.31 0.00	333.96 -13.56 0.00	288.23 -11.51 11.60	205.60 -7.49 7.17	134.79 -5.13 2.62	89.67 -1.08 0.00	73.54 -0.15 0.00
CLINTON___LFGE 323618	56.43 -1.09 0.00	52.66 -0.75 0.00	47.73 -0.53 0.00	46.24 -0.18 0.00	46.18 -0.05 0.00	48.87 -0.10 0.00	52.37 0.10 0.00	56.04 0.50 0.00	59.89 0.53 0.00	65.88 0.72 0.00	77.19 0.31 0.00	86.83 -0.35 0.00	92.64 -2.77 0.00	116.76 -5.01 0.32	141.20 -6.21 0.67	200.20 -8.41 1.50	236.29 -9.15 2.01	294.56 -10.14 2.82	333.04 -11.13 3.35	287.37 -9.04 14.93	205.86 -5.29 9.11	135.50 -3.71 3.33	90.48 -0.27 0.00	74.35 0.66 0.00
COBBLENY_34_KV_TB1 80064	58.79 1.27 0.00	53.88 0.48 0.00	48.40 0.14 0.00	46.29 -0.14 0.00	46.04 -0.18 0.00	48.48 -0.49 0.00	51.22 -1.05 0.00	54.77 -0.78 0.00	60.30 0.95 0.00	67.31 2.15 0.00	80.11 3.23 0.00	92.15 4.97 0.00	103.33 7.92 0.00	130.88 8.79 0.00	156.52 8.44 0.00	217.67 7.56 0.00	250.67 3.22 0.00	307.82 0.31 0.00	348.91 1.39 0.00	313.51 2.18 0.00	225.32 5.07 0.00	150.66 8.12 0.00	94.65 3.90 0.00	77.96 4.27 0.00
COFFEEN___115KV_TB3 355620	60.97 3.45 0.00	56.34 2.94 0.00	50.67 2.41 0.00	48.75 2.32 0.00	48.86 2.63 0.00	52.05 3.08 0.00	55.92 3.66 0.00	59.38 3.83 0.00	63.21 3.86 0.00	68.74 3.58 0.00	80.72 3.84 0.00	91.88 4.71 0.00	100.56 5.15 0.00	121.91 3.78 3.97	143.72 4.00 8.36	197.24 5.88 18.75	229.74 7.42 25.13	284.24 11.99 35.27	325.06 19.46 41.92	331.64 22.73 2.42	239.40 19.16 0.02	154.92 12.40 0.02	99.37 8.62 0.00	80.10 6.41 0.00
COLDSPRG_115KV_BK1 355956	59.82 2.30 0.00	54.90 1.50 0.00	49.37 1.11 0.00	47.22 0.79 0.00	46.97 0.74 0.00	49.60 0.64 0.00	53.15 0.89 0.00	56.77 1.22 0.00	62.38 3.03 0.00	69.72 4.56 0.00	83.03 6.15 0.00	95.81 8.63 0.00	105.24 9.83 0.00	133.56 11.48 0.00	159.93 11.85 0.00	222.92 12.82 0.00	257.35 9.90 0.00	314.90 7.38 0.00	356.91 9.38 0.00	320.99 9.65 0.00	230.17 9.91 0.00	152.80 10.26 0.00	95.83 5.08 0.00	78.63 4.94 0.00
COLONIE_LFGE___ 323577	59.48 1.96 0.00	55.11 1.71 0.00	49.85 1.59 0.00	47.96 1.53 0.00	47.70 1.48 0.00	50.34 1.37 0.00	53.83 1.57 0.00	56.93 1.39 0.00	60.66 1.30 0.00	66.34 1.17 0.00	78.65 1.77 0.00	89.71 2.53 0.00	99.04 3.62 0.00	127.71 5.62 0.00	155.04 6.96 0.00	248.51 10.92 -27.48	289.04 13.11 -28.49	353.29 16.59 -29.18	373.23 19.10 -6.60	328.14 16.80 0.00	231.70 11.45 0.00	149.80 7.27 0.00	94.01 3.26 0.00	75.68 1.99 0.00
COOPERNY_115KV_TB1 80082	58.85 1.32 0.00	54.69 1.28 0.00	49.66 1.40 0.00	47.73 1.30 0.00	47.47 1.25 0.00	50.09 1.13 0.00	53.52 1.25 0.00	56.71 1.17 0.00	60.48 1.13 0.00	66.40 1.24 0.00	78.72 1.85 0.00	89.97 2.79 0.00	99.61 4.20 0.00	128.44 6.35 0.00	156.37 8.29 0.00	224.34 12.40 -1.83	274.53 14.85 -12.23	335.44 18.14 -9.78	368.13 20.16 -0.45	328.46 17.12 0.00	231.05 10.79 0.00	148.52 5.99 0.00	93.38 2.63 0.00	74.87 1.18 0.00
COPENHAGEN_WT_PWR 323753	60.17 2.65 0.00	55.59 2.19 0.00	50.04 1.79 0.00	48.14 1.72 0.00	48.26 2.03 0.00	51.32 2.35 0.00	55.09 2.82 0.00	58.65 3.11 0.00	62.38 3.03 0.00	67.96 2.80 0.00	79.80 2.92 0.00	90.92 3.75 0.00	97.61 2.20 0.00	120.91 2.57 3.74	142.86 2.67 7.88	196.39 3.98 17.70	228.68 4.95 23.71	282.55 8.31 33.28	322.22 14.25 39.55	325.85 16.80 2.29	234.55 14.31 0.02	151.92 9.41 0.02	97.56 6.81 0.00	78.70 5.01 0.00
CORNELL_____ 23752	59.31 1.78 0.00	54.79 1.39 0.00	49.51 1.25 0.00	47.49 1.07 0.00	47.34 1.11 0.00	50.09 1.13 0.00	53.57 1.31 0.00	56.88 1.33 0.00	61.13 1.78 0.00	67.05 1.89 0.00	79.49 2.61 0.00	90.66 3.49 0.00	100.18 4.77 0.00	128.31 6.23 0.00	155.04 6.96 0.00	219.56 9.45 0.00	257.84 10.39 0.00	321.05 13.53 0.00	364.20 16.68 0.00	327.52 16.19 0.00	233.03 12.77 0.00	151.66 9.12 0.00	95.20 4.45 0.00	77.08 3.39 0.00

CORONA__69_KV_TB1 355595	60.74 3.22 0.00	57.04 3.63 0.00	52.07 3.81 0.00	49.72 3.30 0.00	49.37 3.14 0.00	51.95 2.99 0.00	55.40 3.14 0.00	58.77 3.22 0.00	61.54 2.20 0.01	67.63 2.48 0.01	81.64 4.77 0.00	117.34 6.80 -23.37	112.84 9.54 -7.89	208.43 13.67 -72.67	247.99 17.47 -82.43	371.56 25.42 -136.03	411.37 30.44 -133.48	462.46 37.52 -117.42	473.14 42.05 -83.57	357.79 34.56 -11.90	250.53 23.13 -7.14	157.69 12.12 -3.04	95.92 5.17 0.00	82.87 3.68 -5.49
CORTLAND__115KV_TB3 80093	58.62 1.09 0.00	54.26 0.85 0.00	49.03 0.77 0.00	47.08 0.65 0.00	46.87 0.65 0.00	49.60 0.64 0.00	53.00 0.73 0.00	56.27 0.72 0.00	60.42 1.07 0.00	66.27 1.11 0.00	78.49 1.61 0.00	89.53 2.35 0.00	98.94 3.53 0.00	126.49 4.76 0.36	152.79 5.48 0.77	215.53 7.14 1.72	252.81 7.67 2.31	313.81 9.53 3.24	355.49 11.82 3.85	322.64 11.52 0.22	229.51 9.25 0.00	149.23 6.70 0.00	93.75 2.99 0.00	75.90 2.21 0.00
COXSACKIE__GT 23611	60.28 2.76 0.00	55.81 2.41 0.00	50.43 2.17 0.00	48.47 2.04 0.00	48.17 1.94 0.00	50.97 2.01 0.00	54.46 2.19 0.00	57.27 1.72 0.00	60.78 1.42 0.00	66.20 1.04 0.00	78.26 1.39 0.00	89.54 2.61 0.25	95.73 3.72 3.40	123.09 5.86 4.86	141.62 7.70 14.15	163.54 12.82 59.39	188.03 17.32 76.74	233.66 24.29 98.15	368.86 30.22 8.89	337.76 26.45 0.02	238.95 18.71 0.02	142.47 11.97 12.04	95.74 4.99 0.00	77.15 3.46 0.00
CPV_VALLEY__CC1 323721	58.85 1.32 0.00	54.68 1.28 0.00	49.66 1.40 0.00	47.77 1.35 0.00	47.47 1.25 0.00	50.04 1.08 0.00	53.52 1.25 0.00	56.60 1.05 0.00	60.36 1.01 0.00	66.34 1.17 0.00	78.65 1.77 0.00	90.05 2.87 0.00	99.90 4.49 0.00	129.04 6.96 0.00	157.41 9.33 0.00	226.73 13.86 -2.76	281.55 16.83 -17.26	342.29 20.92 -13.85	370.77 22.58 -0.67	330.33 18.99 0.00	231.92 11.67 0.00	148.66 6.12 0.00	93.38 2.63 0.00	74.58 0.89 0.00
CPV_VALLEY__CC2 323722	58.85 1.32 0.00	54.68 1.28 0.00	49.66 1.40 0.00	47.77 1.35 0.00	47.47 1.25 0.00	50.04 1.08 0.00	53.52 1.25 0.00	56.60 1.05 0.00	60.36 1.01 0.00	66.34 1.17 0.00	78.65 1.77 0.00	90.05 2.87 0.00	99.90 4.49 0.00	129.04 6.96 0.00	157.41 9.33 0.00	226.73 13.86 -2.76	281.55 16.83 -17.26	342.29 20.92 -13.85	370.77 22.58 -0.67	330.33 18.99 0.00	231.92 11.67 0.00	148.66 6.12 0.00	93.38 2.63 0.00	74.58 0.89 0.00
CRESCENT__HYD 24018	59.48 1.96 0.00	55.11 1.71 0.00	49.85 1.59 0.00	47.96 1.53 0.00	47.70 1.48 0.00	50.34 1.37 0.00	53.83 1.57 0.00	56.93 1.39 0.00	60.66 1.30 0.00	66.34 1.17 0.00	78.65 1.77 0.00	89.71 2.53 0.00	99.04 3.62 0.00	127.71 5.62 0.00	155.04 6.96 0.00	248.51 10.92 -27.48	289.04 13.11 -28.49	353.29 16.59 -29.18	373.23 19.10 -6.60	328.14 16.80 0.00	231.70 11.45 0.00	149.80 7.27 0.00	94.01 3.26 0.00	75.68 1.99 0.00
CRICKET__VALLEY_CC1 323756	59.08 1.55 0.00	54.85 1.44 0.00	49.80 1.54 0.00	47.87 1.44 0.00	47.52 1.29 0.00	50.09 1.13 0.00	53.57 1.31 0.00	56.66 1.11 0.00	60.36 1.01 0.00	66.14 0.98 0.00	78.49 1.62 0.00	89.79 2.61 0.00	99.60 4.19 0.00	128.92 6.83 0.00	157.11 9.03 0.00	229.30 13.86 -5.33	263.38 16.83 0.90	329.22 20.92 -0.79	371.38 22.58 -1.28	330.33 18.99 0.00	231.92 11.67 0.00	148.80 6.26 0.00	93.29 2.54 0.00	74.50 0.81 0.00
CRICKET__VALLEY_CC2 323757	59.08 1.55 0.00	54.85 1.44 0.00	49.80 1.54 0.00	47.87 1.44 0.00	47.52 1.29 0.00	50.09 1.13 0.00	53.57 1.31 0.00	56.66 1.11 0.00	60.36 1.01 0.00	66.14 0.98 0.00	78.49 1.62 0.00	89.79 2.61 0.00	99.60 4.19 0.00	128.92 6.83 0.00	157.11 9.03 0.00	229.30 13.86 -5.33	263.38 16.83 0.90	329.22 20.92 -0.79	371.38 22.58 -1.28	330.33 18.99 0.00	231.92 11.67 0.00	148.80 6.26 0.00	93.29 2.54 0.00	74.50 0.81 0.00
CRICKET__VALLEY_CC3 323758	59.08 1.55 0.00	54.85 1.44 0.00	49.80 1.54 0.00	47.87 1.44 0.00	47.52 1.29 0.00	50.09 1.13 0.00	53.57 1.31 0.00	56.66 1.11 0.00	60.36 1.01 0.00	66.14 0.98 0.00	78.49 1.62 0.00	89.79 2.61 0.00	99.60 4.19 0.00	128.92 6.83 0.00	157.11 9.03 0.00	229.30 13.86 -5.33	263.38 16.83 0.90	329.22 20.92 -0.79	371.38 22.58 -1.28	330.33 18.99 0.00	231.92 11.67 0.00	148.80 6.26 0.00	93.29 2.54 0.00	74.50 0.81 0.00
CRUCIBLE__METL_DRP 24180	57.35 -0.17 0.00	53.08 -0.32 0.00	47.92 -0.34 0.00	46.01 -0.42 0.00	45.81 -0.42 0.00	48.48 -0.49 0.00	51.74 -0.52 0.00	55.10 -0.44 0.00	59.18 -0.18 0.00	65.10 -0.07 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.03 1.62 0.00	124.03 2.32 0.38	149.80 2.52 0.80	211.47 3.15 1.79	247.77 2.72 2.40	307.22 3.08 3.37	346.99 3.48 4.01	314.84 3.74 0.23	223.78 3.52 0.00	145.67 3.14 0.00	91.66 0.91 0.00	74.21 0.52 0.00
DAHOWA__HYDRO 323763	60.46 2.93 0.00	55.91 2.51 0.00	50.57 2.32 0.00	48.61 2.18 0.00	48.35 2.13 0.00	51.07 2.10 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.55 2.20 0.00	67.11 1.95 0.00	79.34 2.46 0.00	90.57 3.40 0.00	99.80 4.39 0.00	128.55 6.47 0.00	155.78 7.70 0.00	240.71 12.61 -18.00	280.66 15.35 -17.86	346.00 19.98 -18.50	377.56 25.72 -4.32	334.98 23.65 0.00	237.45 17.19 0.00	153.66 11.13 0.00	96.29 5.54 0.00	77.37 3.68 0.00
DANC__LFGE 323619	58.85 1.32 0.00	54.42 1.01 0.00	49.08 0.82 0.00	47.17 0.74 0.00	47.15 0.92 0.00	50.09 1.13 0.00	53.62 1.36 0.00	57.10 1.55 0.00	60.89 1.54 0.00	66.53 1.37 0.00	78.41 1.54 0.00	89.27 2.09 0.00	96.84 1.43 0.00	121.28 1.71 2.51	144.57 1.78 5.30	200.54 2.32 11.89	234.00 2.47 15.93	289.47 4.30 22.35	328.96 8.00 26.57	319.76 9.96 1.54	229.28 9.03 0.01	148.65 6.12 0.01	94.93 4.18 0.00	76.71 3.02 0.00
DANSKAMMER__1 23586	59.83 2.30 0.00	55.54 2.14 0.00	50.43 2.17 0.00	48.52 2.09 0.00	48.12 1.90 0.00	50.78 1.81 0.00	54.25 1.99 0.00	57.38 1.83 0.00	61.25 1.90 0.00	67.31 2.15 0.00	80.03 3.15 0.00	91.45 4.27 0.00	101.80 6.39 0.00	131.86 9.77 0.00	160.96 12.88 0.00	232.28 19.32 -2.86	274.47 23.76 -3.26	340.30 29.52 -3.26	380.57 32.33 -0.72	338.74 27.40 0.00	237.88 17.63 0.00	153.08 10.55 0.00	95.83 5.08 0.00	76.34 2.65 0.00
DANSKAMMER__2 23589	59.83 2.30 0.00	55.54 2.14 0.00	50.43 2.17 0.00	48.52 2.09 0.00	48.12 1.90 0.00	50.78 1.81 0.00	54.25 1.99 0.00	57.38 1.83 0.00	61.25 1.90 0.00	67.31 2.15 0.00	80.03 3.15 0.00	91.45 4.27 0.00	101.80 6.39 0.00	131.86 9.77 0.00	160.96 12.88 0.00	232.28 19.32 -2.86	274.47 23.76 -3.26	340.30 29.52 -3.26	380.57 32.33 -0.72	338.74 27.40 0.00	237.88 17.63 0.00	153.08 10.55 0.00	95.83 5.08 0.00	76.34 2.65 0.00
DANSKAMMER__3 23590	59.83 2.30 0.00	55.54 2.14 0.00	50.43 2.17 0.00	48.52 2.09 0.00	48.12 1.90 0.00	50.78 1.81 0.00	54.25 1.99 0.00	57.38 1.83 0.00	61.25 1.90 0.00	67.31 2.15 0.00	80.03 3.15 0.00	91.45 4.27 0.00	101.80 6.39 0.00	131.86 9.77 0.00	160.96 12.88 0.00	232.28 19.32 -2.86	274.47 23.76 -3.26	340.30 29.52 -3.26	380.57 32.33 -0.72	338.74 27.40 0.00	237.88 17.63 0.00	153.08 10.55 0.00	95.83 5.08 0.00	76.34 2.65 0.00

DANSKAMMER___4 23591	59.83 2.30 0.00	55.54 2.14 0.00	50.43 2.17 0.00	48.52 2.09 0.00	48.12 1.90 0.00	50.78 1.81 0.00	54.25 1.99 0.00	57.38 1.83 0.00	61.25 1.90 0.00	67.31 2.15 0.00	80.03 3.15 0.00	91.45 4.27 0.00	101.80 6.39 0.00	131.86 9.77 0.00	160.96 12.88 0.00	232.28 19.32 -2.86	274.47 23.76 -3.26	340.30 29.52 -3.26	380.57 32.33 -0.72	338.74 27.40 0.00	237.88 17.63 0.00	153.08 10.55 0.00	95.83 5.08 0.00	76.34 2.65 0.00
DANSKAMMER___DIESEL 23592	59.82 2.30 0.00	55.54 2.14 0.00	50.52 2.27 0.00	48.52 2.09 0.00	48.17 1.94 0.00	50.78 1.81 0.00	54.25 1.99 0.00	57.54 2.00 0.00	61.25 1.90 0.00	67.31 2.15 0.00	80.11 3.23 0.00	91.45 4.27 0.00	101.71 6.30 0.00	131.73 9.64 0.00	160.96 12.88 0.00	232.50 19.54 -2.86	274.47 23.76 -3.26	340.30 29.52 -3.26	380.56 32.32 -0.72	338.73 27.40 0.00	237.88 17.62 0.00	153.08 10.55 0.00	95.74 4.99 0.00	76.34 2.65 0.00
DARBY___SOLAR 323810	60.23 2.70 0.00	55.75 2.35 0.00	50.38 2.12 0.00	48.47 2.04 0.00	48.17 1.94 0.00	50.93 1.96 0.00	54.46 2.19 0.00	57.66 2.11 0.00	61.31 1.96 0.00	66.92 1.76 0.00	79.03 2.15 0.00	90.23 3.05 0.00	99.51 4.10 0.00	128.19 6.10 0.00	155.33 7.25 0.00	241.28 11.97 -19.20	281.00 14.35 -19.21	346.14 18.76 -19.86	376.46 24.32 -4.61	333.44 22.11 0.00	236.12 15.87 0.00	152.80 10.27 0.00	95.74 4.99 0.00	77.01 3.32 0.00
DASHVILLE___HYD 23610	59.42 1.90 0.00	55.17 1.76 0.00	50.19 1.93 0.00	48.19 1.76 0.00	47.89 1.66 0.00	50.43 1.47 0.00	53.89 1.62 0.00	57.10 1.56 0.00	60.72 1.37 0.00	66.72 1.56 0.00	79.26 2.38 0.00	91.39 4.27 0.06	100.79 6.20 0.82	130.44 9.52 1.17	157.26 12.59 3.41	217.00 18.91 12.02	255.21 23.26 15.50	315.91 29.21 20.82	377.97 31.97 1.53	336.86 25.53 0.01	236.77 16.52 0.01	149.29 9.69 2.94	94.47 3.72 0.00	75.38 1.69 0.00
DELAWARE___LFGE 323621	59.08 1.55 0.00	54.85 1.44 0.00	49.75 1.50 0.00	47.96 1.53 0.00	47.80 1.57 0.00	50.48 1.52 0.00	53.89 1.62 0.00	56.99 1.44 0.00	60.84 1.48 0.00	66.79 1.63 0.00	79.11 2.23 0.00	90.40 3.23 0.00	99.90 4.48 0.00	128.56 6.47 0.00	155.93 7.85 0.00	220.82 10.72 0.00	261.35 12.37 -1.53	324.05 15.38 -1.16	365.25 17.72 0.00	326.90 15.57 0.00	231.49 11.23 0.00	149.80 7.27 0.00	94.20 3.45 0.00	75.83 2.14 0.00
DERFIELD_115KV_TB7 355931	57.75 0.23 0.00	53.56 0.16 0.00	48.50 0.24 0.00	46.66 0.23 0.00	46.46 0.23 0.00	49.16 0.20 0.00	52.53 0.26 0.00	55.71 0.17 0.00	59.53 0.18 0.00	65.29 0.13 0.00	77.11 0.23 0.00	87.70 0.52 0.00	96.27 0.86 0.00	123.23 1.47 0.33	149.17 1.78 0.69	211.09 2.52 1.54	248.36 2.97 2.06	308.31 3.69 2.89	348.60 4.52 3.44	314.87 3.74 0.20	222.90 2.64 0.00	144.24 1.71 0.00	91.39 0.64 0.00	73.91 0.22 0.00
DOGLEVILLE___HYD 23807	59.31 1.78 0.00	54.95 1.55 0.00	49.70 1.45 0.00	47.77 1.35 0.00	47.61 1.39 0.00	50.43 1.47 0.00	53.94 1.67 0.00	57.21 1.67 0.00	61.13 1.78 0.00	67.05 1.89 0.00	79.11 2.23 0.00	89.97 2.79 0.00	98.75 3.34 0.00	126.16 4.40 0.33	152.73 5.33 0.69	216.13 7.56 1.54	253.80 8.41 2.06	315.39 10.76 2.89	356.94 12.86 3.44	323.28 12.14 0.20	229.06 8.81 0.00	148.52 5.99 0.00	94.02 3.27 0.00	76.12 2.43 0.00
DUNKIRK__115KV_TB_200 55889	59.42 1.90 0.00	54.53 1.12 0.00	48.98 0.72 0.00	46.84 0.42 0.00	46.60 0.37 0.00	49.16 0.20 0.00	51.90 -0.37 0.00	55.38 -0.17 0.00	60.96 1.60 0.00	67.96 2.80 0.00	80.95 4.07 0.00	93.11 5.93 0.00	103.90 8.49 0.00	131.73 9.64 0.00	157.56 9.48 0.00	219.35 9.24 0.00	252.65 5.20 0.00	311.51 4.00 0.00	353.08 5.56 0.00	317.56 6.23 0.00	228.19 7.93 0.00	152.09 9.55 0.00	95.47 4.72 0.00	78.63 4.94 0.00
DUNKIRK___1 23563	59.42 1.90 0.00	54.53 1.12 0.00	48.98 0.72 0.00	46.84 0.42 0.00	46.60 0.37 0.00	49.16 0.20 0.00	51.90 -0.37 0.00	55.38 -0.17 0.00	60.96 1.60 0.00	67.96 2.80 0.00	80.95 4.07 0.00	93.11 5.93 0.00	103.90 8.49 0.00	131.73 9.64 0.00	157.56 9.48 0.00	219.35 9.24 0.00	252.65 5.20 0.00	311.51 4.00 0.00	353.08 5.56 0.00	317.56 6.23 0.00	228.19 7.93 0.00	152.09 9.55 0.00	95.47 4.72 0.00	78.63 4.94 0.00
DUNKIRK___2 23564	59.42 1.90 0.00	54.53 1.12 0.00	48.98 0.72 0.00	46.84 0.42 0.00	46.60 0.37 0.00	49.16 0.20 0.00	51.90 -0.37 0.00	55.38 -0.17 0.00	60.96 1.60 0.00	67.96 2.80 0.00	80.95 4.07 0.00	93.11 5.93 0.00	103.90 8.49 0.00	131.73 9.64 0.00	157.56 9.48 0.00	219.35 9.24 0.00	252.65 5.20 0.00	311.51 4.00 0.00	353.08 5.56 0.00	317.56 6.23 0.00	228.19 7.93 0.00	152.09 9.55 0.00	95.47 4.72 0.00	78.63 4.94 0.00
DUNKIRK___3 23565	59.02 1.50 0.00	54.15 0.75 0.00	48.69 0.43 0.00	46.57 0.14 0.00	46.32 0.09 0.00	48.82 -0.15 0.00	51.53 -0.73 0.00	54.99 -0.56 0.00	60.48 1.13 0.00	67.44 2.28 0.00	80.26 3.38 0.00	92.32 5.14 0.00	103.33 7.92 0.00	131.00 8.91 0.00	156.67 8.59 0.00	218.30 8.19 0.00	251.41 3.96 0.00	309.36 1.85 0.00	350.65 3.13 0.00	315.38 4.05 0.00	226.42 6.17 0.00	151.09 8.55 0.00	94.84 4.08 0.00	78.18 4.50 0.00
DUNKIRK___4 23566	59.02 1.50 0.00	54.15 0.75 0.00	48.69 0.43 0.00	46.57 0.14 0.00	46.32 0.09 0.00	48.82 -0.15 0.00	51.53 -0.73 0.00	54.99 -0.56 0.00	60.48 1.13 0.00	67.44 2.28 0.00	80.26 3.38 0.00	92.32 5.14 0.00	103.33 7.92 0.00	131.00 8.91 0.00	156.67 8.59 0.00	218.30 8.19 0.00	251.41 3.96 0.00	309.36 1.85 0.00	350.65 3.13 0.00	315.38 4.05 0.00	226.42 6.17 0.00	151.09 8.55 0.00	94.84 4.08 0.00	78.18 4.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	60.17 2.65 0.00	55.91 2.51 0.00	50.96 2.70 0.00	48.93 2.51 0.00	48.63 2.40 0.00	51.17 2.20 0.00	54.72 2.46 0.00	58.10 2.56 0.00	61.79 2.43 0.00	67.90 2.74 0.00	80.72 3.84 0.00	92.41 5.23 0.00	102.85 7.44 0.00	131.34 11.11 1.86	161.21 14.81 1.68	236.01 22.06 -3.84	332.48 26.23 -58.80	385.46 32.29 -45.66	383.55 35.10 -0.92	340.91 29.58 0.00	238.76 18.50 0.00	152.37 9.83 0.00	94.62 4.54 0.67	75.75 2.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	59.59 2.07 0.00	55.33 1.92 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.03 1.80 0.00	50.63 1.66 0.00	54.09 1.83 0.00	57.38 1.83 0.00	61.07 1.72 0.00	67.12 1.95 0.00	79.72 2.84 0.00	91.19 4.01 0.00	101.33 5.92 0.00	131.12 9.03 0.00	160.07 11.99 0.00	230.65 18.07 -2.47	279.89 22.02 -10.42	343.47 27.37 -8.58	378.04 29.89 -0.63	336.86 25.53 0.00	236.33 16.08 0.00	151.52 8.98 0.00	94.84 4.08 0.00	75.68 1.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	60.12 2.59 -0.01	56.14 2.72 -0.01	51.50 3.23 -0.01	49.35 2.92 0.00	49.00 2.77 0.00	51.62 2.64 -0.01	54.78 2.51 -0.01	58.22 2.67 -0.01	61.49 2.14 0.00	67.64 2.48 0.00	80.34 3.46 0.00	91.98 4.79 -0.01	102.73 7.25 -0.07	130.73 11.11 2.47	160.96 15.10 2.23	234.97 21.01 -3.85	331.42 24.99 -58.98	384.06 30.75 -45.79	381.82 33.36 -0.94	339.37 28.02 -0.02	237.45 17.18 -0.02	150.95 8.41 -0.01	93.34 3.81 1.23	75.09 1.40 0.00

E179THST_13_KV_LOAD 356214	60.58 3.05 -0.01	56.51 3.10 -0.01	51.84 3.57 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.91 2.94 -0.01	55.15 2.87 -0.01	58.61 3.05 -0.01	61.91 2.55 0.00	68.16 3.00 0.00	81.03 4.15 0.00	92.77 5.58 -0.01	103.59 8.11 -0.07	131.83 12.21 2.47	162.44 16.58 2.23	237.07 23.11 -3.85	333.89 27.47 -58.98	387.13 33.83 -45.79	385.30 36.84 -0.94	342.17 30.82 -0.02	239.65 19.38 -0.02	152.38 9.83 -0.01	94.15 4.63 1.23	75.76 2.06 0.00
EAST HAMPTON___GT 23717	62.70 5.18 0.00	59.12 5.72 0.00	53.80 5.55 0.00	51.25 4.83 0.00	50.76 4.53 0.00	53.42 4.46 0.00	56.81 4.54 0.00	59.76 4.22 0.00	63.32 3.98 0.01	69.64 4.49 0.02	84.88 7.99 0.00	99.94 11.42 -1.34	111.14 15.26 -0.47	144.70 21.49 -1.12	182.39 26.96 -7.35	302.80 34.26 -58.43	340.86 36.39 -57.02	391.36 45.50 -38.34	389.36 48.29 6.45	336.70 35.48 10.12	239.95 25.76 6.07	155.21 15.26 2.58	97.01 6.26 0.00	71.67 4.57 6.59
EAST RIVER___6 23660	60.28 2.76 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.67 2.45 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.10 2.56 0.00	61.96 2.61 0.00	68.29 3.13 0.00	80.87 4.00 0.00	92.76 5.58 0.00	103.33 7.91 0.00	133.93 11.84 0.00	163.77 15.69 0.00	236.86 22.91 -3.84	333.50 27.22 -58.83	386.72 33.52 -45.67	384.93 36.48 -0.92	342.16 30.83 0.00	238.97 18.71 0.00	152.09 9.55 0.00	95.38 4.63 0.00	75.60 1.91 0.00
EAST RIVER___7 23524	60.28 2.76 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.67 2.45 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.10 2.56 0.00	61.96 2.61 0.00	68.29 3.13 0.00	80.87 4.00 0.00	92.76 5.58 0.00	103.33 7.91 0.00	133.93 11.84 0.00	163.77 15.69 0.00	236.86 22.91 -3.84	333.50 27.22 -58.83	386.72 33.52 -45.67	384.93 36.48 -0.92	342.16 30.83 0.00	238.97 18.71 0.00	152.09 9.55 0.00	95.38 4.63 0.00	75.60 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	60.00 2.47 0.00	55.75 2.35 0.00	50.77 2.51 0.00	48.75 2.32 0.00	48.44 2.22 0.00	50.97 2.01 0.00	54.51 2.25 0.00	57.88 2.33 0.00	61.55 2.20 0.00	67.64 2.48 0.00	80.41 3.54 0.00	92.06 4.88 0.00	102.38 6.96 0.00	132.59 10.50 0.00	162.15 14.07 0.00	234.74 20.80 -3.84	327.32 24.99 -54.88	380.94 30.75 -42.68	381.81 33.36 -0.92	339.35 28.02 0.00	237.66 17.40 0.00	151.66 9.12 0.00	94.93 4.17 0.00	75.53 1.84 0.00
EAST_HAMPTON___DIESEL 23722	62.70 5.18 0.00	59.12 5.72 0.00	53.80 5.55 0.00	51.25 4.83 0.00	50.76 4.53 0.00	53.42 4.46 0.00	56.81 4.54 0.00	59.76 4.22 0.00	63.26 3.92 0.01	69.58 4.43 0.02	84.88 7.99 0.00	99.85 11.33 -1.34	111.05 15.17 -0.47	144.57 21.36 -1.12	182.24 26.81 -7.35	302.37 33.83 -58.43	340.60 36.13 -57.02	390.75 44.90 -38.34	388.69 47.61 6.45	336.08 34.86 10.12	239.51 25.32 6.07	154.91 14.96 2.58	96.83 6.08 0.00	71.52 4.42 6.59
EAST_POINT___SOLAR 323840	61.72 4.20 0.00	57.09 3.68 0.00	51.58 3.33 0.00	49.63 3.20 0.00	49.51 3.28 0.00	52.44 3.48 0.00	55.40 3.14 0.00	57.21 1.66 0.00	60.18 0.83 0.00	65.16 0.00 0.00	77.80 0.93 0.00	89.27 2.09 0.00	98.27 2.86 0.00	126.36 4.27 0.00	153.40 5.32 0.00	225.41 7.35 -7.95	263.02 8.42 -7.15	327.44 12.31 -7.61	372.01 22.58 -1.91	340.93 29.59 0.00	244.48 24.23 0.00	158.78 16.24 0.00	99.28 8.53 0.00	79.51 5.82 0.00
EAST_PULASKI___ESR 323781	57.52 0.00 0.00	53.24 -0.16 0.00	48.11 -0.14 0.00	46.20 -0.23 0.00	46.09 -0.14 0.00	48.82 -0.15 0.00	52.21 -0.05 0.00	55.60 0.06 0.00	59.41 0.06 0.00	65.10 -0.07 0.00	76.95 0.08 0.00	87.70 0.53 0.00	95.99 0.58 0.00	121.64 0.86 1.31	145.92 0.59 2.76	204.55 0.63 6.19	239.16 0.00 8.29	296.50 0.62 11.64	335.79 2.10 13.83	313.97 3.43 0.80	223.99 3.74 0.01	145.38 2.85 0.01	92.29 1.54 0.00	74.58 0.89 0.00
EAST_RIVER___1 323558	60.34 2.82 0.00	56.13 2.72 0.00	51.15 2.90 0.00	49.16 2.74 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.93 2.66 0.00	58.16 2.61 0.00	62.03 2.67 0.00	68.35 3.19 0.00	81.02 4.15 0.00	92.84 5.66 0.00	103.52 8.11 0.00	134.18 12.09 0.00	164.08 16.00 0.00	237.27 23.32 -3.84	333.98 27.71 -58.82	387.31 34.13 -45.67	385.65 37.20 -0.92	342.77 31.43 0.00	239.41 19.15 0.00	152.36 9.83 0.00	95.56 4.81 0.00	75.75 2.06 0.00
EAST_RIVER___2 323559	60.28 2.76 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.67 2.45 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.10 2.56 0.00	61.96 2.61 0.00	68.29 3.13 0.00	80.87 4.00 0.00	92.76 5.58 0.00	103.33 7.91 0.00	133.93 11.84 0.00	163.77 15.69 0.00	236.86 22.91 -3.84	333.50 27.22 -58.83	386.72 33.52 -45.67	384.93 36.48 -0.92	342.16 30.83 0.00	238.97 18.71 0.00	152.09 9.55 0.00	95.38 4.63 0.00	75.60 1.91 0.00
EAST___DELAWARE_HYD 23607	59.48 1.96 0.00	55.22 1.82 0.00	50.09 1.83 0.00	48.14 1.72 0.00	47.80 1.57 0.00	50.49 1.52 0.00	53.94 1.67 0.00	57.10 1.55 0.00	60.96 1.60 0.00	66.92 1.76 0.00	79.34 2.46 0.00	90.82 3.66 0.02	100.77 5.63 0.26	130.25 8.54 0.38	158.38 11.40 1.10	225.54 17.23 1.80	272.66 21.78 -3.43	335.71 27.98 -0.21	378.81 31.29 0.00	338.11 26.78 0.00	237.45 17.19 0.00	150.97 9.41 0.97	95.20 4.45 0.00	75.83 2.14 0.00
EIGHT_POINT___WT_PWR 323820	59.54 2.01 0.00	54.68 1.28 0.00	49.32 1.06 0.00	47.21 0.79 0.00	47.10 0.88 0.00	49.65 0.69 0.00	52.73 0.47 0.00	56.32 0.78 0.00	60.78 1.42 0.00	67.31 2.15 0.00	80.03 3.15 0.00	91.45 4.27 0.00	102.09 6.68 0.00	129.41 7.32 0.00	155.19 7.11 0.00	218.09 7.98 0.00	253.38 5.93 0.00	314.27 6.76 0.00	358.31 10.79 0.00	323.16 11.83 0.00	232.14 11.89 0.00	153.51 10.98 0.00	96.10 5.35 0.00	78.85 5.16 0.00
ELBRIDGE_115KV_TB2 80188	57.35 -0.17 0.00	53.08 -0.32 0.00	47.97 -0.29 0.00	46.05 -0.37 0.00	45.81 -0.42 0.00	48.48 -0.49 0.00	51.74 -0.52 0.00	55.05 -0.50 0.00	59.18 -0.18 0.00	65.03 -0.13 0.00	77.11 0.23 0.00	87.96 0.78 0.00	97.03 1.62 0.00	123.95 2.20 0.34	149.59 2.22 0.72	211.23 2.73 1.61	247.52 2.23 2.15	306.96 2.46 3.02	346.71 2.78 3.59	314.24 3.11 0.21	223.34 3.08 0.00	145.38 2.85 0.00	91.57 0.82 0.00	74.21 0.52 0.00
ELEC_TRO_TEK 24086	60.17 2.65 0.00	56.55 3.15 0.00	51.63 3.38 0.00	49.35 2.92 0.00	49.00 2.77 0.00	51.56 2.60 0.00	55.04 2.77 0.00	58.32 2.78 0.00	61.07 1.72 0.01	67.04 1.89 0.01	80.80 3.92 0.00	103.66 5.84 -10.64	107.40 8.40 -3.60	165.98 12.33 -31.56	203.49 15.99 -39.41	330.20 23.53 -96.56	369.18 28.21 -93.53	418.14 34.75 -75.87	418.58 38.58 -32.48	343.09 31.76 0.00	240.96 20.70 0.00	152.94 10.41 0.00	94.74 3.99 0.00	77.58 2.73 -1.16
ELLENBURG_WT_PWR 323604	56.03 -1.50 0.00	52.28 -1.12 0.00	47.34 -0.92 0.00	45.78 -0.65 0.00	45.76 -0.46 0.00	48.57 -0.39 0.00	51.95 -0.31 0.00	55.60 0.06 0.00	59.35 0.00 0.00	65.29 0.13 0.00	76.49 -0.38 0.00	85.96 -1.22 0.00	92.07 -3.34 0.00	116.35 -5.74 0.00	141.12 -6.96 0.00	200.44 -9.66 0.00	236.82 -10.63 0.00	295.21 -12.31 0.00	333.96 -13.56 0.00	288.23 -11.51 11.60	205.60 -7.49 7.17	134.79 -5.13 2.62	89.67 -1.08 0.00	73.54 -0.15 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	58.33 0.81 0.00	53.46 0.05 0.00	48.01 -0.24 0.00	45.92 -0.51 0.00	45.67 -0.55 0.00	48.13 -0.83 0.00	50.75 -1.52 0.00	54.21 -1.33 0.00	59.77 0.42 0.00	66.66 1.50 0.00	79.26 2.38 0.00	91.10 3.92 0.00	102.19 6.77 0.00	129.29 7.20 0.00	154.60 6.52 0.00	214.94 4.83 0.00	246.95 -0.49 0.00	303.21 -4.31 0.00	343.35 -4.17 0.00	308.53 -2.80 0.00	222.02 1.76 0.00	148.81 6.27 0.00	93.56 2.81 0.00	77.30 3.61 0.00
EMPIRE_CC_1 323656	58.27 0.75 0.00	54.05 0.64 0.00	48.93 0.68 0.00	47.17 0.74 0.00	46.87 0.65 0.00	49.41 0.44 0.00	52.89 0.63 0.00	55.82 0.28 0.00	59.47 0.12 0.00	65.03 -0.13 0.00	77.03 0.15 0.00	87.79 0.61 0.00	96.93 1.52 0.00	125.26 3.17 0.00	152.08 4.00 0.00	238.76 6.72 -21.93	276.70 7.92 -21.34	339.88 10.13 -22.23	363.91 11.12 -5.27	320.67 9.33 0.00	225.97 5.72 0.00	145.95 3.42 0.00	91.66 0.91 0.00	73.84 0.15 0.00
EMPIRE_CC_2 323658	58.27 0.75 0.00	54.05 0.64 0.00	48.93 0.68 0.00	47.17 0.74 0.00	46.87 0.65 0.00	49.41 0.44 0.00	52.89 0.63 0.00	55.82 0.28 0.00	59.47 0.12 0.00	65.03 -0.13 0.00	77.03 0.15 0.00	87.79 0.61 0.00	96.93 1.52 0.00	125.26 3.17 0.00	152.08 4.00 0.00	238.76 6.72 -21.93	276.70 7.92 -21.34	339.88 10.13 -22.23	363.91 11.12 -5.27	320.67 9.33 0.00	225.97 5.72 0.00	145.95 3.42 0.00	91.66 0.91 0.00	73.84 0.15 0.00
ENORWICH_115KV_TB1 80156	62.59 5.06 0.00	57.89 4.49 0.00	52.26 4.01 0.00	50.14 3.71 0.00	50.20 3.98 0.00	53.27 4.31 0.00	57.18 4.91 0.00	60.60 5.05 0.00	64.93 5.58 0.00	70.76 5.60 0.00	83.41 6.53 0.00	95.63 8.46 0.00	105.72 10.30 0.00	135.76 13.67 0.00	164.66 16.58 0.00	234.06 23.95 0.00	274.67 27.22 0.00	342.88 35.36 0.00	392.35 44.83 0.00	353.99 42.65 0.00	252.41 32.16 0.00	163.92 21.38 0.00	102.28 11.53 0.00	82.53 8.84 0.00
ERIE_ST__34_KV_TB1-2 80199	58.73 1.21 0.00	53.78 0.37 0.00	48.30 0.05 0.00	46.19 -0.23 0.00	45.95 -0.28 0.00	48.43 -0.54 0.00	51.17 -1.10 0.00	54.66 -0.89 0.00	60.24 0.89 0.00	67.25 2.09 0.00	80.11 3.23 0.00	92.15 4.97 0.00	103.62 8.21 0.00	131.37 9.28 0.00	157.26 9.18 0.00	218.93 8.82 0.00	252.40 4.95 0.00	309.98 2.46 0.00	351.00 3.48 0.00	315.07 3.74 0.00	225.98 5.73 0.00	150.80 8.27 0.00	94.65 3.90 0.00	77.89 4.20 0.00
ERIE_WT_PWR 323693	58.67 1.15 0.00	53.78 0.38 0.00	48.35 0.10 0.00	46.20 -0.23 0.00	46.13 -0.09 0.00	48.43 -0.54 0.00	51.07 -1.20 0.00	55.16 -0.39 0.00	60.12 0.77 0.00	67.05 1.89 0.00	79.72 2.85 0.00	91.71 4.53 0.00	102.95 7.54 0.00	129.91 7.82 0.00	155.33 7.25 0.00	216.63 6.52 0.00	249.42 1.97 0.00	306.29 -1.23 0.00	347.52 0.31 0.00	311.65 0.31 0.00	224.22 3.97 0.00	150.08 7.55 0.00	94.29 3.54 0.00	77.81 4.12 0.00
ESPRGFLD_115KV_TB1 80157	60.40 2.88 0.00	55.91 2.51 0.00	50.62 2.36 0.00	48.75 2.32 0.00	48.63 2.40 0.00	51.51 2.55 0.00	54.98 2.72 0.00	57.93 2.39 0.00	61.73 2.37 0.00	67.44 2.28 0.00	79.95 3.08 0.00	91.54 4.36 0.00	101.04 5.63 0.00	129.78 7.69 0.00	157.56 9.48 0.00	229.06 13.24 -5.72	268.82 14.85 -6.52	333.41 19.37 -6.52	374.27 25.37 -1.37	336.55 25.22 0.00	239.20 18.94 0.00	155.08 12.54 0.00	97.10 6.35 0.00	78.04 4.35 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	59.19 1.67 0.00	54.69 1.28 0.00	49.41 1.16 0.00	47.45 1.02 0.00	47.24 1.02 0.00	49.99 1.03 0.00	53.36 1.10 0.00	56.71 1.17 0.00	60.90 1.54 0.00	66.79 1.63 0.00	79.03 2.15 0.00	90.14 2.96 0.00	99.70 4.29 0.00	127.70 5.62 0.00	154.45 6.37 0.00	218.72 8.61 0.00	256.85 9.40 0.00	319.51 11.99 0.00	363.16 15.64 0.00	326.90 15.57 0.00	232.37 12.11 0.00	151.23 8.69 0.00	94.93 4.17 0.00	76.86 3.17 0.00
ETNA____115KV_TB2 80207	59.19 1.67 0.00	54.69 1.28 0.00	49.41 1.16 0.00	47.45 1.02 0.00	47.24 1.02 0.00	49.99 1.03 0.00	53.36 1.10 0.00	56.71 1.17 0.00	60.90 1.54 0.00	66.79 1.63 0.00	79.03 2.15 0.00	90.14 2.96 0.00	99.70 4.29 0.00	127.70 5.62 0.00	154.45 6.37 0.00	218.72 8.61 0.00	256.85 9.40 0.00	319.51 11.99 0.00	363.16 15.64 0.00	326.90 15.57 0.00	232.37 12.11 0.00	151.23 8.69 0.00	94.93 4.17 0.00	76.86 3.17 0.00
EUCLID____115KV_TB2 356179	56.95 -0.58 0.00	52.71 -0.69 0.00	47.63 -0.63 0.00	45.73 -0.70 0.00	45.53 -0.69 0.00	48.18 -0.78 0.00	51.43 -0.84 0.00	54.71 -0.83 0.00	58.76 -0.59 0.00	64.64 -0.52 0.00	76.57 -0.31 0.00	87.26 0.09 0.00	96.37 0.95 0.00	122.98 1.34 0.45	148.32 1.18 0.95	209.24 1.26 2.13	245.09 0.49 2.85	303.82 0.31 4.00	343.11 0.35 4.76	311.68 0.62 0.27	221.58 1.32 0.00	144.10 1.57 0.00	90.84 0.09 0.00	73.54 -0.15 0.00
E_CANADA_CAP_HY 24051	60.92 3.39 0.00	56.34 2.94 0.00	50.96 2.70 0.00	49.07 2.64 0.00	48.91 2.68 0.00	51.80 2.84 0.00	55.14 2.87 0.00	57.82 2.28 0.00	61.25 1.90 0.00	66.59 1.43 0.00	79.11 2.23 0.00	90.49 3.31 0.00	99.80 4.39 0.00	128.19 6.10 0.00	155.48 7.40 0.00	228.63 11.13 -7.39	266.62 12.37 -6.80	331.92 17.21 -7.20	374.34 25.04 -1.78	338.11 26.78 0.00	240.51 20.25 0.00	156.36 13.82 0.00	97.83 7.08 0.00	78.48 4.79 0.00
E_CANADA_MHWK_HY 24050	59.31 1.79 0.00	54.95 1.55 0.00	49.66 1.40 0.00	47.77 1.35 0.00	47.61 1.39 0.00	50.43 1.47 0.00	53.94 1.67 0.00	57.21 1.66 0.00	61.13 1.78 0.00	67.05 1.89 0.00	79.11 2.23 0.00	89.97 2.79 0.00	98.75 3.34 0.00	126.15 4.39 0.33	152.72 5.32 0.69	216.12 7.55 1.54	253.81 8.42 2.06	315.38 10.76 2.89	356.95 12.87 3.44	323.27 12.13 0.20	229.07 8.82 0.00	148.52 5.99 0.00	94.01 3.26 0.00	76.12 2.43 0.00
E_FISHKILL___LBMP 23776	59.42 1.90 0.00	55.17 1.76 0.00	50.19 1.93 0.00	48.24 1.81 0.00	47.94 1.71 0.00	50.48 1.52 0.00	53.99 1.72 0.00	57.21 1.67 0.00	60.84 1.48 0.00	66.79 1.63 0.00	79.34 2.46 0.00	90.66 3.49 0.00	100.66 5.25 0.00	130.27 8.18 0.00	158.89 10.81 0.00	230.27 16.18 -3.99	261.39 19.55 5.60	328.35 23.99 3.15	374.54 26.06 -0.96	333.44 22.10 0.00	233.91 13.66 0.00	149.80 7.27 0.00	93.93 3.18 0.00	74.94 1.25 0.00
FALCON___SEABRD_CC1 323796	55.91 -1.61 0.00	52.18 -1.23 0.00	47.48 -0.77 0.00	45.96 -0.46 0.00	45.90 -0.32 0.00	48.52 -0.44 0.00	51.90 -0.36 0.00	55.60 0.06 0.00	59.35 0.00 0.00	65.36 0.20 0.00	76.57 -0.31 0.00	86.13 -1.04 0.00	92.07 -3.34 0.00	116.23 -5.86 0.00	140.83 -7.25 0.00	200.23 -9.87 0.00	236.57 -10.88 0.00	294.90 -12.62 0.00	333.61 -13.91 0.00	287.87 -11.51 11.95	205.60 -7.26 7.39	134.84 -4.99 2.70	89.67 -1.08 0.00	73.62 -0.07 0.00
FALCON___SEABRD_CC2 323797	55.91 -1.61 0.00	52.18 -1.23 0.00	47.48 -0.77 0.00	45.96 -0.46 0.00	45.90 -0.32 0.00	48.52 -0.44 0.00	51.90 -0.36 0.00	55.60 0.06 0.00	59.35 0.00 0.00	65.36 0.20 0.00	76.57 -0.31 0.00	86.13 -1.04 0.00	92.07 -3.34 0.00	116.23 -5.86 0.00	140.83 -7.25 0.00	200.23 -9.87 0.00	236.57 -10.88 0.00	294.90 -12.62 0.00	333.61 -13.91 0.00	287.87 -11.51 11.95	205.60 -7.26 7.39	134.84 -4.99 2.70	89.67 -1.08 0.00	73.62 -0.07 0.00

FAR ROCKAWAY___4 23548	61.43 3.91 0.00	57.68 4.27 0.00	52.60 4.34 0.00	50.23 3.81 0.00	49.88 3.65 0.00	52.49 3.53 0.00	55.92 3.66 0.00	59.38 3.83 0.00	62.20 2.85 0.01	68.41 3.26 0.01	82.80 5.92 0.00	120.27 8.28 -24.81	115.04 11.26 -8.37	215.42 16.12 -77.21	255.05 19.84 -87.13	375.95 27.52 -138.32	416.61 32.91 -136.25	468.48 40.59 -120.37	481.61 45.18 -88.91	361.54 37.36 -12.85	254.40 26.43 -7.71	160.35 14.54 -3.28	97.29 6.53 0.00	84.36 4.79 -5.88
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	60.40 2.88 0.00	56.13 2.72 0.00	51.20 2.94 0.00	49.21 2.79 0.00	48.86 2.63 0.00	51.41 2.45 0.00	54.98 2.72 0.00	58.38 2.83 0.00	62.08 2.73 0.00	68.35 3.19 0.00	81.18 4.31 0.00	92.93 5.75 0.00	103.43 8.01 0.00	134.05 11.96 0.00	164.07 15.99 0.00	237.48 23.53 -3.84	334.26 27.96 -58.84	387.64 34.44 -45.69	385.98 37.53 -0.92	342.78 31.44 0.00	239.64 19.38 0.00	152.51 9.98 0.00	95.47 4.72 0.00	75.83 2.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	60.40 2.88 0.00	56.13 2.72 0.00	51.25 2.99 0.00	49.21 2.79 0.00	48.86 2.63 0.00	51.41 2.45 0.00	54.98 2.72 0.00	58.38 2.83 0.00	62.08 2.73 0.00	68.35 3.19 0.00	81.18 4.31 0.00	92.84 5.67 0.00	103.43 8.01 0.00	134.05 11.96 0.00	163.92 15.84 0.00	237.48 23.53 -3.84	334.26 27.96 -58.84	387.64 34.44 -45.69	385.63 37.19 -0.92	342.78 31.44 0.00	239.64 19.38 0.00	152.51 9.98 0.00	95.56 4.81 0.00	75.83 2.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	60.34 2.82 0.00	56.07 2.67 0.00	51.20 2.94 0.00	49.17 2.74 0.00	48.81 2.59 0.00	51.37 2.40 0.00	54.93 2.67 0.00	58.32 2.78 0.00	62.02 2.67 0.00	68.29 3.13 0.00	81.10 4.23 0.00	92.76 5.58 0.00	103.33 7.92 0.00	133.93 11.84 0.00	163.78 15.70 0.00	237.06 23.11 -3.84	333.76 27.47 -58.84	387.03 33.83 -45.69	385.28 36.84 -0.92	342.47 31.13 0.00	239.20 18.94 0.00	152.23 9.69 0.00	95.38 4.63 0.00	75.68 1.99 0.00
FARRAGUT___LBMP 323566	60.28 2.76 0.00	56.02 2.62 0.00	51.15 2.90 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.88 2.61 0.00	58.27 2.72 0.00	61.91 2.55 0.00	68.16 3.00 0.00	80.95 4.07 0.00	92.67 5.49 0.00	103.14 7.73 0.00	133.69 11.60 0.00	163.48 15.40 0.00	236.85 22.90 -3.84	333.51 27.22 -58.84	386.72 33.52 -45.69	384.59 36.14 -0.92	341.85 30.51 0.00	238.98 18.72 0.00	152.09 9.55 0.00	95.29 4.54 0.00	75.61 1.92 0.00
FENNER___WINDPWR 24204	59.08 1.55 0.00	54.68 1.28 0.00	49.41 1.16 0.00	47.45 1.02 0.00	47.33 1.11 0.00	50.14 1.17 0.00	53.62 1.36 0.00	57.05 1.50 0.00	61.08 1.72 0.00	66.46 1.30 0.00	78.57 1.69 0.00	89.61 2.44 0.00	98.66 3.25 0.00	125.85 4.39 0.63	152.08 5.32 1.32	214.50 7.35 2.96	251.90 8.42 3.97	312.41 10.46 5.57	354.11 13.20 6.62	323.72 12.77 0.38	230.18 9.92 0.00	149.23 6.70 0.00	94.11 3.36 0.00	76.05 2.36 0.00
FIBERTEK___ENERGY 23856	57.35 -0.17 0.00	53.08 -0.32 0.00	47.92 -0.34 0.00	46.01 -0.42 0.00	45.81 -0.42 0.00	48.48 -0.49 0.00	51.74 -0.52 0.00	55.10 -0.44 0.00	59.18 -0.18 0.00	65.10 -0.07 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.03 1.62 0.00	124.03 2.32 0.38	149.80 2.52 0.80	211.47 3.15 1.79	247.77 2.72 2.40	307.22 3.08 3.37	346.99 3.48 4.01	314.84 3.74 0.23	223.78 3.52 0.00	145.67 3.14 0.00	91.66 0.91 0.00	74.21 0.52 0.00
FITZPATRICK___ 23598	56.09 -1.44 0.00	51.91 -1.49 0.00	46.96 -1.30 0.00	45.08 -1.35 0.00	44.88 -1.34 0.00	47.50 -1.47 0.00	50.64 -1.62 0.00	53.93 -1.61 0.00	57.81 -1.54 0.00	63.53 -1.63 0.00	75.18 -1.69 0.00	85.61 -1.57 0.00	94.27 -1.14 0.00	120.63 -1.46 0.00	146.01 -2.07 0.00	206.74 -3.37 0.00	242.74 -4.71 0.00	301.37 -6.15 0.00	340.58 -6.95 0.00	305.74 -5.60 0.00	216.72 -3.53 0.00	140.97 -1.56 0.00	89.12 -1.63 0.00	72.29 -1.40 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	60.05 2.53 0.00	55.75 2.35 0.00	50.67 2.41 0.00	48.65 2.23 0.00	48.31 2.08 0.00	50.92 1.96 0.00	54.41 2.14 0.00	57.71 2.17 0.00	61.43 2.08 0.00	67.57 2.41 0.00	80.34 3.46 0.00	91.80 4.62 0.00	102.09 6.68 0.00	132.34 10.26 0.00	161.56 13.48 0.00	233.55 20.38 -3.06	274.64 25.24 -1.95	340.90 31.06 -2.32	382.34 34.06 -0.76	340.29 28.95 0.00	238.76 18.50 0.00	153.51 10.98 0.00	96.01 5.26 0.00	76.56 2.87 0.00
FORT ORANGE___ 23900	58.22 0.69 0.00	53.99 0.59 0.00	48.88 0.63 0.00	47.08 0.65 0.00	46.78 0.56 0.00	49.41 0.44 0.00	52.79 0.52 0.00	55.32 -0.22 0.00	58.88 -0.48 0.00	64.38 -0.78 0.00	76.34 -0.53 0.00	86.96 -0.17 0.04	95.34 0.48 0.55	122.89 1.58 0.78	147.88 2.07 2.27	145.47 3.98 68.62	170.52 5.20 82.13	229.61 7.08 84.99	339.90 8.00 15.63	318.17 6.84 0.00	224.43 4.17 0.00	143.17 2.57 1.93	91.02 0.27 0.00	73.47 -0.22 0.00
FORT_DRUM_COGEN 23780	60.40 2.88 0.00	55.81 2.40 0.00	50.23 1.98 0.00	48.33 1.90 0.00	48.44 2.22 0.00	51.61 2.64 0.00	55.40 3.14 0.00	58.93 3.39 0.00	62.68 3.32 0.00	68.22 3.06 0.00	80.11 3.23 0.00	91.19 4.01 0.00	99.80 4.39 0.00	120.43 2.56 4.23	141.99 2.81 8.90	194.33 4.20 19.98	225.62 4.95 26.78	278.55 8.61 37.58	317.80 14.94 44.67	326.50 17.75 2.58	235.43 15.20 0.02	152.49 9.98 0.02	98.10 7.35 0.00	79.07 5.38 0.00
FOX_HILLS___ESR 323835	54.23 2.47 5.76	52.51 2.62 3.51	51.50 3.23 -0.01	49.54 3.11 0.00	49.18 2.96 0.00	51.51 2.55 0.00	51.80 2.14 2.60	52.19 2.17 5.52	53.79 1.96 7.53	57.61 2.35 9.89	66.71 3.46 13.62	79.13 4.88 12.93	95.71 7.25 6.95	126.41 10.87 6.54	154.00 14.96 9.04	225.63 20.59 5.07	289.56 24.74 -17.36	371.64 30.44 -33.68	375.54 33.01 5.00	339.67 28.33 0.00	229.97 17.40 7.68	119.82 8.41 31.13	79.26 3.90 15.39	56.56 1.33 18.45
FPL_FAR_ROCK_GT1 24212	61.32 3.80 0.00	57.68 4.27 0.00	52.55 4.29 0.00	50.23 3.81 0.00	49.83 3.61 0.00	52.44 3.48 0.00	55.92 3.66 0.00	58.71 3.16 0.00	62.14 2.79 0.01	68.41 3.26 0.01	82.57 5.69 0.00	120.27 8.29 -24.81	115.23 11.44 -8.37	215.42 16.11 -77.21	255.19 19.98 -87.13	375.94 27.52 -138.32	416.62 32.91 -136.25	468.48 40.59 -120.37	481.59 45.16 -88.91	361.53 37.34 -12.85	254.40 26.42 -7.72	160.50 14.68 -3.28	97.56 6.81 0.00	84.36 4.79 -5.88
FPL_FAR_ROCK_GT2 23815	61.32 3.80 0.00	57.68 4.27 0.00	52.55 4.29 0.00	50.23 3.81 0.00	49.83 3.61 0.00	52.44 3.48 0.00	55.92 3.66 0.00	58.71 3.16 0.00	62.14 2.79 0.01	68.41 3.26 0.01	82.57 5.69 0.00	120.27 8.29 -24.81	115.23 11.44 -8.37	215.42 16.11 -77.21	255.19 19.98 -87.13	375.94 27.52 -138.32	416.62 32.91 -136.25	468.48 40.59 -120.37	481.59 45.16 -88.91	361.53 37.34 -12.85	254.40 26.42 -7.72	160.50 14.68 -3.28	97.56 6.81 0.00	84.36 4.79 -5.88
FRANKLIN_FALL_HYD 24054	57.06 -0.46 0.00	53.24 -0.16 0.00	47.97 -0.29 0.00	46.38 -0.05 0.00	46.36 0.14 0.00	49.31 0.34 0.00	52.79 0.52 0.00	56.49 0.94 0.00	60.18 0.83 0.00	66.27 1.11 0.00	77.49 0.62 0.00	87.18 0.00 0.00	93.03 -2.39 0.00	111.52 -5.49 5.08	130.57 -6.81 10.70	176.85 -9.24 24.01	205.13 -10.15 32.17	250.99 -11.38 45.15	281.35 -12.51 53.67	238.80 -9.96 62.57	177.51 -5.95 36.80	125.09 -3.99 13.46	91.30 0.54 0.00	74.87 1.18 0.00

FREEPORT_EQUS_GT1 23764	60.51 2.99 0.00	57.04 3.63 0.00	51.97 3.72 0.00	49.72 3.30 0.00	49.28 3.05 0.00	51.90 2.94 0.00	55.40 3.14 0.00	58.05 2.50 0.00	61.30 1.96 0.01	67.43 2.28 0.01	80.95 4.07 0.00	102.22 6.10 -8.94	107.40 8.97 -3.02	161.79 13.19 -26.52	199.77 17.32 -34.37	321.88 25.41 -86.36	363.25 30.18 -85.62	414.00 37.50 -68.98	416.65 41.68 -27.44	345.28 33.94 0.00	242.50 22.24 -0.01	154.23 11.69 0.00	95.65 4.90 0.00	75.74 3.39 1.35
FREEPORT___CT2 23818	60.51 2.99 0.00	57.04 3.63 0.00	51.97 3.72 0.00	49.72 3.30 0.00	49.28 3.05 0.00	51.90 2.94 0.00	55.40 3.14 0.00	58.05 2.50 0.00	61.30 1.96 0.01	67.43 2.28 0.01	80.95 4.07 0.00	102.22 6.10 -8.94	107.40 8.97 -3.02	161.79 13.19 -26.52	199.77 17.32 -34.37	321.88 25.41 -86.36	363.25 30.18 -85.62	414.00 37.50 -68.98	416.65 41.68 -27.44	345.28 33.94 0.00	242.50 22.24 -0.01	154.23 11.69 0.00	95.65 4.90 0.00	75.74 3.39 1.35
FRESHKLS_33_KV_LOAD 356253	54.17 2.42 5.76	52.45 2.56 3.51	51.50 3.23 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.51 2.55 0.00	51.70 2.04 2.60	52.08 2.06 5.52	53.73 1.90 7.53	57.55 2.28 9.89	66.63 3.38 13.62	79.04 4.79 12.93	95.56 7.16 7.01	122.89 10.74 9.94	150.93 14.96 12.10	225.63 20.59 5.07	289.80 24.99 -17.36	371.95 30.75 -33.68	375.89 33.36 5.00	339.98 28.64 0.00	230.42 17.84 7.68	119.96 8.55 31.13	78.35 3.90 16.31	56.56 1.33 18.45
FULTON COGEN____ 23766	56.95 -0.58 0.00	52.71 -0.69 0.00	47.58 -0.68 0.00	45.73 -0.70 0.00	45.49 -0.74 0.00	48.13 -0.83 0.00	51.43 -0.84 0.00	54.71 -0.83 0.00	58.70 -0.65 0.00	64.51 -0.65 0.00	76.49 -0.38 0.00	87.09 -0.09 0.00	96.08 0.67 0.00	122.55 0.98 0.52	147.88 0.89 1.09	208.49 0.84 2.45	244.41 0.25 3.29	302.91 0.00 4.61	342.39 0.35 5.48	311.95 0.93 0.32	221.80 1.54 0.00	144.10 1.57 0.00	90.84 0.09 0.00	73.54 -0.15 0.00
FULTON___LFGE 323630	61.38 3.85 0.00	56.77 3.37 0.00	51.30 3.04 0.00	49.35 2.93 0.00	49.19 2.96 0.00	52.10 3.14 0.00	55.56 3.29 0.00	58.38 2.83 0.00	61.90 2.55 0.00	67.31 2.15 0.00	79.87 3.00 0.00	91.28 4.10 0.00	100.66 5.24 0.00	129.29 7.20 0.00	156.81 8.73 0.00	231.44 13.24 -8.09	270.04 15.35 -7.24	336.16 20.92 -7.72	377.97 28.50 -1.94	340.59 29.26 0.00	242.07 21.81 0.00	157.08 14.55 0.00	98.38 7.62 0.00	78.85 5.16 0.00
G.F.CEMENT___DRP 24184	60.63 3.11 0.00	56.07 2.67 0.00	50.72 2.46 0.00	48.65 2.23 0.00	48.40 2.17 0.00	51.17 2.20 0.00	54.77 2.51 0.00	58.10 2.56 0.00	61.85 2.49 0.00	67.51 2.35 0.00	79.64 2.77 0.00	90.93 3.75 0.00	100.18 4.77 0.00	128.93 6.84 0.00	156.08 8.00 0.00	239.28 13.24 -15.94	279.09 16.08 -15.56	344.62 20.91 -16.19	379.85 28.50 -3.83	337.49 26.15 0.00	239.20 18.94 0.00	154.94 12.40 0.00	96.83 6.08 0.00	77.74 4.05 0.00
GARDENVILLE___LBMP 24039	58.50 0.98 0.00	53.62 0.21 0.00	48.16 -0.10 0.00	46.05 -0.37 0.00	45.81 -0.42 0.00	48.28 -0.69 0.00	50.91 -1.36 0.00	54.38 -1.17 0.00	59.89 0.53 0.00	66.79 1.63 0.00	79.49 2.61 0.00	91.27 4.10 0.00	102.38 6.96 0.00	129.66 7.57 0.00	155.04 6.96 0.00	215.57 5.46 0.00	248.19 0.74 0.00	304.75 -2.77 0.00	345.09 -2.43 0.00	310.40 -0.93 0.00	223.34 3.08 0.00	149.38 6.84 0.00	93.93 3.18 0.00	77.52 3.83 0.00
GARDNVLA_35_KV_LD 355827	58.73 1.21 0.00	53.83 0.43 0.00	48.35 0.10 0.00	46.24 -0.19 0.00	45.99 -0.23 0.00	48.48 -0.49 0.00	51.12 -1.15 0.00	54.66 -0.89 0.00	60.24 0.89 0.00	67.25 2.09 0.00	80.03 3.15 0.00	91.97 4.79 0.00	103.23 7.82 0.00	130.76 8.67 0.00	156.37 8.29 0.00	217.46 7.35 0.00	250.17 2.72 0.00	307.21 -0.31 0.00	347.87 0.35 0.00	312.58 1.25 0.00	224.88 4.63 0.00	150.37 7.84 0.00	94.56 3.81 0.00	77.96 4.27 0.00
GELCKHM___115KV_LOAD 80723	57.12 -0.40 0.00	52.82 -0.59 0.00	47.73 -0.53 0.00	45.82 -0.60 0.00	45.62 -0.60 0.00	48.28 -0.69 0.00	51.53 -0.73 0.00	54.82 -0.72 0.00	58.94 -0.42 0.00	64.77 -0.39 0.00	76.80 -0.08 0.00	87.53 0.35 0.00	96.56 1.14 0.00	123.38 1.71 0.42	148.82 1.63 0.89	210.01 1.89 1.99	246.27 1.48 2.66	305.01 1.23 3.74	344.47 1.39 4.44	312.95 1.87 0.26	222.24 1.98 0.00	144.67 2.14 0.00	91.11 0.36 0.00	73.76 0.07 0.00
GENERAL___MILLS 23808	58.62 1.09 0.00	53.72 0.32 0.00	48.26 0.00 0.00	46.15 -0.28 0.00	45.90 -0.32 0.00	48.38 -0.59 0.00	51.01 -1.25 0.00	54.55 -1.00 0.00	60.07 0.71 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.62 4.45 0.00	102.76 7.35 0.00	130.15 8.06 0.00	155.63 7.55 0.00	216.41 6.30 0.00	248.93 1.48 0.00	305.98 -1.54 0.00	346.48 -1.04 0.00	311.33 0.00 0.00	224.00 3.74 0.00	149.80 7.27 0.00	94.20 3.45 0.00	77.74 4.05 0.00
GE_PLASTICS___DRP 24183	57.58 0.06 0.00	53.46 0.05 0.00	48.50 0.24 0.00	46.70 0.28 0.00	46.46 0.23 0.00	49.01 0.05 0.00	52.37 0.10 0.00	55.32 -0.22 0.00	58.88 -0.47 0.00	64.44 -0.72 0.00	76.42 -0.46 0.00	86.21 -0.26 0.71	86.11 0.38 9.68	109.73 1.47 13.82	109.75 1.93 40.26	109.74 3.15 103.52	109.75 3.96 141.66	109.75 5.23 203.00	343.47 5.56 9.61	315.63 4.36 0.06	222.62 2.42 0.06	109.74 1.43 34.22	90.57 -0.18 0.00	73.10 -0.59 0.00
GILBOA___1 23756	58.44 0.92 0.00	54.42 1.01 0.00	49.51 1.25 0.00	48.01 1.58 0.00	47.70 1.48 0.00	50.39 1.42 0.00	53.62 1.36 0.00	56.38 0.83 0.00	59.95 0.59 0.00	65.75 0.59 0.00	77.87 1.00 0.00	88.83 1.65 0.00	98.27 2.86 0.00	126.48 4.39 0.00	153.40 5.32 0.00	216.40 6.30 0.00	255.13 7.68 0.00	317.06 9.54 0.00	357.94 10.42 0.00	320.04 8.71 0.00	226.41 6.16 0.00	146.96 4.42 0.00	92.57 1.81 0.00	74.43 0.74 0.00
GILBOA___2 23757	58.44 0.92 0.00	54.42 1.01 0.00	49.51 1.25 0.00	48.01 1.58 0.00	47.70 1.48 0.00	50.39 1.42 0.00	53.62 1.36 0.00	56.38 0.83 0.00	59.95 0.59 0.00	65.75 0.59 0.00	77.87 1.00 0.00	88.83 1.65 0.00	98.27 2.86 0.00	126.48 4.39 0.00	153.40 5.32 0.00	216.40 6.30 0.00	255.13 7.68 0.00	317.06 9.54 0.00	357.94 10.42 0.00	320.04 8.71 0.00	226.41 6.16 0.00	146.96 4.42 0.00	92.57 1.81 0.00	74.43 0.74 0.00
GILBOA___3 23758	58.44 0.92 0.00	54.42 1.01 0.00	49.51 1.25 0.00	48.01 1.58 0.00	47.70 1.48 0.00	50.39 1.42 0.00	53.62 1.36 0.00	56.38 0.83 0.00	59.95 0.59 0.00	65.75 0.59 0.00	77.87 1.00 0.00	88.83 1.65 0.00	98.27 2.86 0.00	126.48 4.39 0.00	153.40 5.32 0.00	216.40 6.30 0.00	255.13 7.68 0.00	317.06 9.54 0.00	357.94 10.42 0.00	320.04 8.71 0.00	226.41 6.16 0.00	146.96 4.42 0.00	92.57 1.81 0.00	74.43 0.74 0.00
GILBOA___4 23759	58.44 0.92 0.00	54.42 1.01 0.00	49.51 1.25 0.00	48.01 1.58 0.00	47.70 1.48 0.00	50.39 1.42 0.00	53.62 1.36 0.00	56.38 0.83 0.00	59.95 0.59 0.00	65.75 0.59 0.00	77.87 1.00 0.00	88.83 1.65 0.00	98.27 2.86 0.00	126.48 4.39 0.00	153.40 5.32 0.00	216.40 6.30 0.00	255.13 7.68 0.00	317.06 9.54 0.00	357.94 10.42 0.00	320.04 8.71 0.00	226.41 6.16 0.00	146.96 4.42 0.00	92.57 1.81 0.00	74.43 0.74 0.00

GILBOA____ 23599	58.44 0.92 0.00	54.42 1.01 0.00	49.56 1.30 0.00	48.00 1.58 0.00	47.71 1.48 0.00	50.39 1.42 0.00	53.62 1.36 0.00	56.43 0.89 0.00	59.95 0.59 0.00	65.75 0.59 0.00	77.95 1.08 0.00	88.83 1.66 0.00	98.18 2.77 0.00	126.48 4.40 0.00	153.26 5.18 0.00	216.41 6.30 0.00	255.12 7.67 0.00	317.05 9.53 0.00	357.95 10.43 0.00	320.05 8.72 0.00	226.42 6.17 0.00	146.95 4.42 0.00	92.48 1.72 0.00	74.43 0.74 0.00
GINNA____ 23603	55.97 -1.55 0.00	51.43 -1.97 0.00	46.37 -1.88 0.00	44.34 -2.09 0.00	44.19 -2.03 0.00	46.57 -2.40 0.00	49.44 -2.82 0.00	53.32 -2.22 0.00	57.75 -1.60 0.00	63.92 -1.24 0.00	76.03 -0.84 0.00	87.18 0.00 0.00	96.93 1.52 0.00	123.18 1.10 0.00	148.08 0.00 0.00	208.21 -1.89 0.00	243.24 -4.21 0.00	300.75 -6.77 0.00	339.88 -7.65 0.00	305.11 -6.22 0.00	217.62 -2.63 0.00	143.40 0.86 0.00	90.21 -0.54 0.00	73.40 -0.29 0.00
GLEN PARK____ 23778	60.86 3.34 0.00	56.23 2.83 0.00	50.62 2.36 0.00	48.65 2.23 0.00	48.81 2.59 0.00	51.95 2.99 0.00	55.77 3.50 0.00	59.37 3.83 0.00	63.09 3.74 0.00	68.68 3.52 0.00	80.57 3.69 0.00	91.79 4.62 0.00	98.37 2.96 0.00	121.63 3.54 4.00	143.36 3.70 8.43	196.87 5.68 18.91	229.03 6.92 25.34	283.01 11.05 35.56	324.01 18.75 42.27	330.68 21.79 2.44	238.51 18.27 0.02	154.49 11.97 0.02	99.10 8.34 0.00	79.88 6.19 0.00
GLENDAL_27_KV_LOAD 356172	60.45 2.93 0.00	56.34 2.94 0.00	51.63 3.38 0.00	49.58 3.16 0.00	49.23 3.00 0.00	51.76 2.79 0.00	55.04 2.77 0.00	58.49 2.94 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.95 4.07 0.00	92.76 5.58 -0.01	103.72 8.01 -0.30	118.75 12.09 15.43	150.59 16.44 13.93	236.86 22.90 -3.85	333.63 27.22 -58.96	386.81 33.52 -45.77	384.94 36.49 -0.92	342.16 30.82 0.00	239.42 19.16 0.00	123.17 9.69 29.05	86.76 4.54 8.53	64.22 1.92 11.38
GLENWOOD_IC_1_G5 23712	60.51 2.99 0.00	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	49.05 2.82 0.00	51.66 2.69 0.00	55.14 2.87 0.00	58.54 3.00 0.00	61.72 2.37 0.00	67.44 2.28 0.01	81.03 4.15 0.00	99.15 5.93 -6.04	105.95 8.49 -2.05	152.60 12.58 -17.94	190.46 16.58 -25.79	317.19 24.58 -82.50	358.02 28.95 -81.62	408.68 35.67 -65.49	405.31 38.92 -18.86	343.71 32.38 0.00	240.96 20.70 0.00	153.08 10.55 0.00	95.11 4.36 0.00	75.17 2.43 0.95
GLENWOOD_IC_2_G1 23688	60.17 2.65 0.00	56.23 2.83 0.00	51.20 2.94 0.00	49.16 2.74 0.00	48.77 2.54 0.00	51.36 2.40 0.00	54.88 2.61 0.00	57.88 2.33 0.00	61.49 2.13 0.00	67.64 2.48 0.00	80.72 3.84 0.00	95.89 5.66 -3.05	104.56 8.11 -1.04	143.13 11.97 -9.07	180.69 15.69 -16.92	285.79 23.11 -52.57	333.99 27.22 -59.32	387.39 33.83 -46.05	394.34 36.82 -9.99	342.16 30.83 0.00	239.86 19.60 -0.01	152.80 10.27 0.00	95.29 4.54 0.00	76.05 2.36 0.00
GLENWOOD_IC_3_G1 23689	60.17 2.65 0.00	56.23 2.83 0.00	51.20 2.94 0.00	49.16 2.74 0.00	48.77 2.54 0.00	51.36 2.40 0.00	54.88 2.61 0.00	57.88 2.33 0.00	61.49 2.13 0.00	67.64 2.48 0.00	80.72 3.84 0.00	95.89 5.66 -3.05	104.56 8.11 -1.04	143.13 11.97 -9.07	180.69 15.69 -16.92	285.79 23.11 -52.57	333.99 27.22 -59.32	387.39 33.83 -46.05	394.34 36.82 -9.99	342.16 30.83 0.00	239.86 19.60 -0.01	152.80 10.27 0.00	95.29 4.54 0.00	76.05 2.36 0.00
GLENWOOD____4 23550	60.51 2.99 0.00	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	49.05 2.82 0.00	51.66 2.69 0.00	55.14 2.87 0.00	58.54 3.00 0.00	61.72 2.37 0.00	67.63 2.48 0.01	81.18 4.31 0.00	99.41 6.19 -6.04	106.24 8.78 -2.05	152.97 12.94 -17.94	190.90 17.03 -25.79	317.61 25.00 -82.50	358.76 29.69 -81.62	409.60 36.59 -65.49	406.35 39.97 -18.86	344.34 33.00 0.00	241.40 21.14 0.00	153.51 10.98 0.00	95.29 4.54 0.00	75.39 2.65 0.95
GLENWOOD____5 23614	60.51 2.99 0.00	56.61 3.20 0.00	51.63 3.38 0.00	49.40 2.97 0.00	49.05 2.82 0.00	51.66 2.69 0.00	55.14 2.87 0.00	58.54 3.00 0.00	61.72 2.37 0.00	67.63 2.48 0.01	81.18 4.31 0.00	99.41 6.19 -6.04	106.24 8.78 -2.05	152.97 12.94 -17.94	190.90 17.03 -25.79	317.61 25.00 -82.50	358.76 29.69 -81.62	409.60 36.59 -65.49	406.35 39.97 -18.86	344.34 33.00 0.00	241.40 21.14 0.00	153.51 10.98 0.00	95.29 4.54 0.00	75.39 2.65 0.95
GLOBAL GREEN_PORT_GT1 23814	62.59 5.06 0.00	59.01 5.61 0.00	53.76 5.50 0.00	51.21 4.78 0.00	50.71 4.48 0.00	53.37 4.41 0.00	56.81 4.54 0.00	59.71 4.17 0.00	63.26 3.92 0.01	69.58 4.43 0.02	84.80 7.92 0.00	99.85 11.33 -1.34	111.05 15.17 -0.47	144.82 21.61 -1.12	182.68 27.25 -7.35	301.10 32.57 -58.43	339.37 34.90 -57.03	389.51 43.65 -38.34	387.66 46.58 6.45	335.77 34.55 10.12	239.07 24.88 6.07	156.19 16.24 2.58	97.56 6.81 0.00	71.89 4.79 6.59
GLOBE____DSASP 323697	56.37 -1.15 0.00	51.69 -1.71 0.00	46.42 -1.83 0.00	44.34 -2.09 0.00	44.10 -2.13 0.00	46.42 -2.55 0.00	48.92 -3.34 0.00	52.38 -3.17 0.00	57.81 -1.54 0.00	64.44 -0.72 0.00	76.49 -0.38 0.00	87.70 0.52 0.00	98.46 3.05 0.00	124.29 2.20 0.00	148.38 0.30 0.00	205.90 -4.20 0.00	236.07 -11.38 0.00	289.37 -18.14 0.00	327.02 -20.50 0.00	293.90 -17.43 0.00	212.33 -7.93 0.00	142.68 0.14 0.00	90.12 -0.64 0.00	74.79 1.11 0.00
GOETHSLN____LBMP 323567	54.05 2.30 5.78	52.12 2.24 3.52	50.81 2.56 0.00	48.84 2.41 0.00	48.49 2.27 0.00	51.01 2.06 0.01	51.90 2.25 2.61	52.35 2.33 5.53	53.96 2.14 7.53	57.81 2.54 9.89	66.79 3.54 13.62	79.04 4.79 12.93	95.30 7.06 7.17	117.36 10.62 15.35	145.45 14.36 16.99	226.25 21.22 5.08	289.92 25.24 -17.23	372.46 31.37 -33.58	376.22 33.71 5.01	339.65 28.33 0.02	229.74 17.18 7.70	119.81 8.41 31.14	77.28 3.81 17.28	56.55 1.33 18.47
GOLAH____69_KV_TB 1_2 80279	58.90 1.38 0.00	54.04 0.64 0.00	48.55 0.29 0.00	46.38 -0.05 0.00	46.13 -0.09 0.00	48.72 -0.24 0.00	51.64 -0.63 0.00	55.27 -0.28 0.00	60.36 1.01 0.00	66.79 1.63 0.00	79.41 2.54 0.00	90.93 3.75 0.00	101.33 5.92 0.00	128.93 6.84 0.00	154.89 6.81 0.00	216.62 6.51 0.00	251.16 3.71 0.00	310.28 2.77 0.00	351.35 3.82 0.00	316.63 5.29 0.00	226.86 6.61 0.00	150.52 7.98 0.00	94.56 3.81 0.00	77.59 3.91 0.00
GOODYEAR_LAKE_HYD 323669	59.77 2.24 0.00	55.38 1.98 0.00	50.23 1.98 0.00	48.38 1.95 0.00	48.26 2.03 0.00	51.07 2.11 0.00	54.57 2.30 0.00	57.66 2.11 0.00	61.55 2.20 0.00	67.51 2.35 0.00	79.95 3.08 0.00	91.45 4.27 0.00	101.14 5.72 0.00	130.02 7.94 0.00	157.85 9.77 0.00	226.10 13.45 -2.54	265.69 15.34 -2.90	329.48 19.07 -2.90	371.07 22.94 -0.61	332.19 20.86 0.00	235.45 15.20 0.00	152.51 9.98 0.00	95.74 4.99 0.00	77.01 3.32 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	58.62 1.09 0.00	54.20 0.80 0.00	48.98 0.72 0.00	47.08 0.65 0.00	46.87 0.65 0.00	49.50 0.54 0.00	52.79 0.52 0.00	55.99 0.44 0.00	60.30 0.95 0.00	66.40 1.24 0.00	78.72 1.85 0.00	90.05 2.88 0.00	99.80 4.39 0.00	127.83 5.74 0.00	154.45 6.37 0.00	218.30 8.19 0.00	255.37 7.92 0.00	316.74 9.23 0.00	358.30 10.77 0.00	321.61 10.27 0.00	228.63 8.37 0.00	149.09 6.56 0.00	93.75 2.99 0.00	76.05 2.36 0.00

GOUDEY___7 23579	58.62 1.09 0.00	54.20 0.80 0.00	48.98 0.72 0.00	47.08 0.65 0.00	46.87 0.65 0.00	49.50 0.54 0.00	52.79 0.52 0.00	55.99 0.44 0.00	60.30 0.95 0.00	66.40 1.24 0.00	78.72 1.85 0.00	90.05 2.88 0.00	99.80 4.39 0.00	127.83 5.74 0.00	154.45 6.37 0.00	218.30 8.19 0.00	255.37 7.92 0.00	316.74 9.23 0.00	358.30 10.77 0.00	321.61 10.27 0.00	228.63 8.37 0.00	149.09 6.56 0.00	93.75 2.99 0.00	76.05 2.36 0.00
GOUDEY___8 23580	58.62 1.09 0.00	54.20 0.80 0.00	48.98 0.72 0.00	47.08 0.65 0.00	46.87 0.65 0.00	49.50 0.54 0.00	52.79 0.52 0.00	55.99 0.44 0.00	60.30 0.95 0.00	66.40 1.24 0.00	78.72 1.85 0.00	90.05 2.88 0.00	99.80 4.39 0.00	127.83 5.74 0.00	154.45 6.37 0.00	218.30 8.19 0.00	255.37 7.92 0.00	316.74 9.23 0.00	358.30 10.77 0.00	321.61 10.27 0.00	228.63 8.37 0.00	149.09 6.56 0.00	93.75 2.99 0.00	76.05 2.36 0.00
GOWANUS_GT1_1 24077	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.66 5.40 -0.08	105.84 7.82 -2.60	217.01 11.60 -83.33	239.16 15.84 -75.23	235.82 21.85 -3.86	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	115.87 4.36 -20.76	64.16 1.77 11.30
GOWANUS_GT1_2 24078	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.66 5.40 -0.08	105.84 7.82 -2.60	217.01 11.60 -83.33	239.16 15.84 -75.23	235.82 21.85 -3.86	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	115.87 4.36 -20.76	64.16 1.77 11.30
GOWANUS_GT1_3 24079	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.66 5.40 -0.08	105.84 7.82 -2.60	217.01 11.60 -83.33	239.16 15.84 -75.23	235.82 21.85 -3.86	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	115.87 4.36 -20.76	64.16 1.77 11.30
GOWANUS_GT1_4 24080	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.66 5.40 -0.08	105.84 7.82 -2.60	217.01 11.60 -83.33	239.16 15.84 -75.23	235.82 21.85 -3.86	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	115.87 4.36 -20.76	64.16 1.77 11.30
GOWANUS_GT1_5 24084	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.66 5.40 -0.08	105.84 7.82 -2.60	217.01 11.60 -83.33	239.16 15.84 -75.23	235.82 21.85 -3.86	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	115.87 4.36 -20.76	64.16 1.77 11.30
GOWANUS_GT1_6 24111	60.35 2.82																							

GOWANUS_GT2_6 24119	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
GOWANUS_GT2_7 24120	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
GOWANUS_GT2_8 24121	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
GOWANUS_GT3_1 24122	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
GOWANUS_GT3_2 24123	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
GOWANUS_GT3_3 24124	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
GOWANUS_GT3_4 24125	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.	

GOWANUS_GT4_5 24134	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.58 5.40 0.00	103.34 7.82 -0.10	149.10 11.60 -15.41	177.84 15.84 -13.91	235.80 21.85 -3.84	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	100.04 4.36 -4.93	64.12 1.77 11.34
GOWANUS_GT4_6 24135	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.58 5.40 0.00	103.34 7.82 -0.10	149.10 11.60 -15.41	177.84 15.84 -13.91	235.80 21.85 -3.84	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	100.04 4.36 -4.93	64.12 1.77 11.34
GOWANUS_GT4_7 24136	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.58 5.40 0.00	103.34 7.82 -0.10	149.10 11.60 -15.41	177.84 15.84 -13.91	235.80 21.85 -3.84	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	100.04 4.36 -4.93	64.12 1.77 11.34
GOWANUS_GT4_8 24137	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.58 5.40 0.00	103.34 7.82 -0.10	149.10 11.60 -15.41	177.84 15.84 -13.91	235.80 21.85 -3.84	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	100.04 4.36 -4.93	64.12 1.77 11.34
GREATVRV_69_KV_BK1 356245	61.43 3.91 0.00	57.89 4.49 0.00	52.84 4.58 0.00	50.37 3.95 0.00	49.97 3.74 0.00	52.59 3.62 0.00	56.13 3.87 0.00	59.60 4.05 0.00	62.02 2.67 0.01	67.82 2.67 0.01	82.43 5.54 -0.01	96.98 8.02 -1.78	107.39 11.35 -0.62	140.85 16.24 -2.53	177.80 20.88 -8.84	300.67 30.47 -60.10	340.76 34.64 -58.67	391.24 43.67 -40.06	391.22 48.31 4.61	340.33 38.61 9.61	241.36 26.87 5.77	153.76 13.68 2.45	96.56 5.81 0.00	71.28 3.83 6.24
GREENBSH_115KV_TB3 55895	57.87 0.35 0.00	53.67 0.27 0.00	48.69 0.43 0.00	46.84 0.42 0.00	46.55 0.32 0.00	49.11 0.15 0.00	52.53 0.26 0.00	55.49 -0.06 0.00	59.06 -0.30 0.00	64.57 -0.59 0.00	76.65 -0.23 0.00	87.18 0.00 0.00	96.08 0.67 0.00	124.04 1.95 0.00	150.60 2.52 0.00	145.42 4.41 69.10	171.29 5.44 81.60	233.66 7.07 80.93	338.56 7.65 16.60	317.56 6.23 0.00	224.00 3.74 0.00	144.67 2.14 0.00	90.93 0.18 0.00	73.39 -0.29 0.00
GREENDGE_115KV_TB5 80291	58.90 1.38 0.00	54.20 0.80 0.00	49.17 0.92 0.00	47.12 0.70 0.00	46.92 0.69 0.00	49.60 0.64 0.00	52.58 0.31 0.00	55.99 0.44 0.00	60.60 1.25 0.00	66.79 1.63 0.00	79.41 2.54 0.00	90.49 3.31 0.00	99.32 3.91 0.00	126.85 4.76 0.00	152.82 4.74 0.00	215.15 5.04 0.00	251.41 3.96 0.00	312.13 4.61 0.00	354.47 6.95 0.00	318.81 7.47 0.00	227.74 7.49 0.00	149.52 6.98 0.00	94.29 3.54 0.00	77.30 3.61 0.00
GREENIDGE___3 23582	58.90 1.38 0.00	54.20 0.80 0.00	49.17 0.92 0.00	47.12 0.70 0.00	46.92 0.69 0.00	49.60 0.64 0.00	52.58 0.31 0.00	55.99 0.44 0.00	60.60 1.25 0.00	66.79 1.63 0.00	79.41 2.54 0.00	90.49 3.31 0.00	99.32 3.91 0.00	126.85 4.76 0.00	152.82 4.74 0.00	215.15 5.04 0.00	251.41 3.96 0.00	312.13 4.61 0.00	354.47 6.95 0.00	318.81 7.47 0.00	227.74 7.49 0.00	149.52 6.98 0.00	94.29 3.54 0.00	77.30 3.61 0.00
GREENIDGE___4 23583	58.90 1.38 0.00	54.21 0.80 0.00	49.22 0.96 0.00	47.12 0.70 0.00	47.01 0.79 0.00	49.60 0.63 0.00	52.58 0.32 0.00	56.27 0.72 0.00	60.60 1.25 0.00	66.79 1.63 0.00	79.34 2.46 0.00	90.49 3.31 0.00	100.18 4.77 0.00	126.73 4.64 0.00	152.68 4.60 0.00	215.14 5.03 0.00	251.40 3.95 0.00	312.14 4.62 0.00	354.83 7.31 0.00	318.79 7.46 0.00	227.75 7.49 0.00	149.52 6.98 0.00	94.29 3.54 0.00	77.30 3.61 0.00
GREENLWN_69_KV_BK 3 55738	59.13 1.61 0.00	56.23 2.83 0.00	51.44 3.18 0.00	49.12 2.69 0.00	48.72 2.50 0.00	51.27 2.30 0.00	54.77 2.51 0.00	57.88 2.33 0.00	59.88 0.53 0.01	65.73 0.59 0.02	79.56 2.69 0.00	93.38 4.62 -1.58	103.30 7.35 -0.54	135.19 11.23 -1.87	171.17 14.96 -8.13	291.59 22.06 -59.42	331.39 25.98 -57.96	379.08 32.29 -39.27	377.47 35.45 5.50	329.45 28.02 9.91	232.37 18.06 5.95	148.27 8.27 2.53	93.11 2.36 0.00	68.64 1.33 6.37
GREENWD_138_KV_38B11_REV_LBMP_J 345004	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.62 5.40 -0.04	104.51 7.82 -1.27	155.50 11.60 -21.82	183.62 15.84 -19.70	235.81 21.85 -3.85	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	100.04 4.36 -4.93	64.12 1.77 11.34
GRISSOM___SOLAR 323813	61.15 3.63 0.00	56.61 3.20 0.00	51.20 2.94 0.00	49.21 2.79 0.00	49.05 2.82 0.00	51.90 2.94 0.00	55.40 3.14 0.00	58.32 2.78 0.00	61.85 2.49 0.00	67.38 2.22 0.00	79.87 3.00 0.00	91.28 4.10 0.00	100.56 5.15 0.00	129.29 7.20 0.00	156.67 8.59 0.00	231.57 13.24 -8.22	270.12 15.35 -7.32	335.94 20.61 -7.81	377.31 27.81 -1.97	339.03 27.70 0.00	240.95 20.70 0.00	156.22 13.68 0.00	97.92 7.17 0.00	78.55 4.86 0.00
GROVEVILLE___HYD 323602	60.05 2.53 0.00	55.75 2.35 0.00	50.67 2.41 0.00	48.65 2.23 0.00	48.31 2.08 0.00	50.92 1.96 0.00	54.41 2.14 0.00	57.71 2.17 0.00	61.43 2.08 0.00	67.57 2.41 0.00	80.34 3.46 0.00	91.80 4.62 0.00	102.09 6.68 0.00	132.34 10.26 0.00	161.56 13.48 0.00	233.55 20.38 -3.06	274.64 25.24 -1.95	340.90 31.06 -2.32	382.34 34.06 -0.76	340.29 28.95 0.00	238.76 18.50 0.00	153.51 10.98 0.00	96.01 5.26 0.00	76.56 2.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	57.35 -0.17 0.00	53.08 -0.32 0.00	47.92 -0.34 0.00	46.01 -0.42 0.00	45.81 -0.42 0.00	48.48 -0.49 0.00	51.74 -0.52 0.00	55.10 -0.44 0.00	59.18 -0.18 0.00	65.10 -0.07 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.03 1.62 0.00	124.03 2.32 0.38	149.80 2.52 0.80	211.47 3.15 1.79	247.77 2.72 2.40	307.22 3.08 3.37	346.99 3.48 4.01	314.84 3.74 0.23	223.78 3.52 0.00	145.67 3.14 0.00	91.66 0.91 0.00	74.21 0.52 0.00
HAMLTNNY_34_KV_TB 80303	58.04 0.52 0.00	53.62 0.21 0.00	48.40 0.14 0.00	46.43 0.00 0.00	46.23 0.00 0.00	48.87 -0.10 0.00	52.16 -0.10 0.00	55.55 0.00 0.00	59.83 0.47 0.00	65.81 0.65 0.00	78.18 1.31 0.00	89.18 2.01 0.00	98.56 3.15 0.00	125.79 4.03 0.33	151.68 4.29 0.69	213.80 5.25 1.56	250.56 5.20 2.09	310.43 5.84 2.93	350.99 6.95 3.48	317.98 6.85 0.20	226.42 6.17 0.00	147.52 4.99 0.00	92.84 2.09 0.00	75.24 1.55 0.00

HAMPSHIRE___PAPER_HYD 323593	58.50 0.98 0.00	54.26 0.85 0.00	48.74 0.48 0.00	46.99 0.56 0.00	47.06 0.83 0.00	50.14 1.17 0.00	53.78 1.52 0.00	57.27 1.72 0.00	60.72 1.37 0.00	66.34 1.17 0.00	77.72 0.85 0.00	87.87 0.69 0.00	93.60 -1.82 0.00	107.21 -4.15 10.73	120.45 -5.04 22.60	152.46 -6.93 50.72	172.07 -7.42 67.97	204.47 -7.68 95.38	227.91 -6.25 113.37	301.36 -3.42 6.56	219.33 -0.88 0.05	142.05 -0.43 0.06	93.20 2.45 0.00	75.98 2.29 0.00
HARDSCRABBLE_WT_PWR 323673	59.02 1.49 0.00	54.74 1.34 0.00	49.46 1.21 0.00	47.59 1.16 0.00	47.43 1.20 0.00	50.24 1.27 0.00	53.73 1.46 0.00	56.99 1.44 0.00	60.89 1.54 0.00	66.79 1.63 0.00	78.80 1.92 0.00	89.61 2.44 0.00	98.37 2.96 0.00	125.67 3.91 0.33	152.13 4.74 0.69	215.29 6.72 1.54	252.80 7.42 2.06	314.17 9.54 2.89	355.54 11.45 3.44	321.73 10.59 0.20	227.96 7.71 0.00	147.81 5.28 0.00	93.65 2.90 0.00	75.75 2.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	59.94 2.42 0.00	55.65 2.24 0.00	50.57 2.32 0.00	48.56 2.14 0.00	48.26 2.03 0.00	50.83 1.86 0.00	54.36 2.09 0.00	57.66 2.11 0.00	61.43 2.08 0.00	67.57 2.41 0.00	80.34 3.46 0.00	91.97 4.79 0.00	102.28 6.87 0.00	132.47 10.38 0.00	161.85 13.77 0.00	233.94 20.59 -3.25	302.04 25.24 -29.36	362.04 31.37 -23.16	382.36 34.06 -0.78	339.98 28.64 0.00	238.32 18.06 0.00	152.23 9.69 0.00	95.29 4.54 0.00	75.90 2.21 0.00
HARSNRAD_115KV_TB1 81005	57.70 0.17 0.00	52.87 -0.53 0.00	47.48 -0.77 0.00	45.36 -1.07 0.00	45.12 -1.11 0.00	47.50 -1.47 0.00	49.81 -2.46 0.00	53.16 -2.39 0.00	58.64 -0.71 0.00	65.29 0.13 0.00	77.49 0.62 0.00	88.83 1.66 0.00	99.80 4.39 0.00	126.12 4.03 0.00	150.45 2.37 0.00	208.85 -1.26 0.00	240.03 -7.42 0.00	294.60 -12.92 0.00	333.62 -13.90 0.00	299.82 -11.52 0.00	216.29 -3.96 0.00	145.24 2.71 0.00	91.48 0.73 0.00	75.83 2.14 0.00
HARZA MOOSE___RIVER 24016	59.13 1.61 0.00	54.74 1.34 0.00	49.37 1.11 0.00	47.54 1.11 0.00	47.61 1.39 0.00	50.58 1.62 0.00	54.30 2.04 0.00	57.88 2.33 0.00	61.73 2.37 0.00	67.25 2.09 0.00	79.11 2.23 0.00	90.14 2.96 0.00	98.75 3.34 0.00	122.30 3.17 2.97	145.53 3.70 6.25	201.55 5.46 14.02	235.34 6.68 18.79	290.68 9.53 26.37	329.38 13.21 31.35	323.22 13.70 1.81	231.03 10.79 0.01	149.50 6.98 0.02	95.02 4.27 0.00	76.64 2.95 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	57.18 -0.35 0.00	52.92 -0.48 0.00	47.77 -0.48 0.00	45.92 -0.51 0.00	45.67 -0.55 0.00	48.33 -0.64 0.00	51.59 -0.68 0.00	54.93 -0.61 0.00	59.06 -0.30 0.00	64.90 -0.26 0.00	76.95 0.08 0.00	87.79 0.61 0.00	96.94 1.53 0.00	123.74 2.08 0.43	149.25 2.07 0.90	210.61 2.52 2.02	246.73 1.98 2.70	305.57 1.85 3.79	345.45 2.43 4.51	313.57 2.49 0.26	222.90 2.64 0.00	144.96 2.42 0.00	91.30 0.54 0.00	73.91 0.22 0.00
HELLGATE_13_KV_LD 55870	60.40 2.88 0.00	56.40 2.99 0.00	51.68 3.43 0.00	49.63 3.20 0.00	49.28 3.05 0.00	51.76 2.79 0.00	55.04 2.77 0.00	58.44 2.89 0.00	61.85 2.49 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.68 5.49 -0.01	103.65 8.01 -0.23	123.03 12.09 11.15	154.45 16.44 10.07	236.86 22.90 -3.85	333.64 27.22 -58.97	386.51 33.21 -45.78	384.59 36.14 -0.93	341.85 30.51 -0.01	239.20 18.94 -0.01	133.92 9.55 18.17	89.11 4.45 6.09	68.42 1.84 7.12
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	60.40 2.88 0.00	56.40 2.99 0.00	51.68 3.43 0.00	49.63 3.20 0.00	49.28 3.05 0.00	51.76 2.79 0.00	55.04 2.77 0.00	58.44 2.89 0.00	61.85 2.49 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.68 5.49 -0.01	103.65 8.01 -0.23	123.03 12.09 11.15	154.45 16.44 10.07	236.86 22.90 -3.85	333.64 27.22 -58.97	386.51 33.21 -45.78	384.59 36.14 -0.93	341.85 30.51 -0.01	239.20 18.94 -0.01	133.92 9.55 18.17	89.11 4.45 6.09	68.42 1.84 7.12
HEMPSTEAD____ 23647	60.05 2.53 0.00	56.50 3.10 0.00	51.49 3.23 0.00	49.31 2.88 0.00	48.91 2.68 0.00	51.51 2.54 0.00	54.98 2.72 0.00	57.71 2.16 0.00	61.07 1.72 0.01	67.04 1.89 0.01	80.57 3.69 0.00	99.69 5.75 -6.76	106.19 8.49 -2.29	154.73 12.58 -20.06	192.43 16.44 -27.92	315.98 24.15 -81.72	357.54 28.69 -81.40	408.47 35.66 -65.30	407.77 39.26 -20.99	343.41 32.07 0.00	240.96 20.70 -0.01	152.94 10.40 0.00	94.93 4.18 0.00	74.63 2.58 1.64
HICKLING___1 23621	59.36 1.84 0.00	54.69 1.28 0.00	49.32 1.06 0.00	47.26 0.84 0.00	47.06 0.83 0.00	49.70 0.73 0.00	52.89 0.63 0.00	56.10 0.56 0.00	60.84 1.48 0.00	67.25 2.09 0.00	80.03 3.15 0.00	91.62 4.45 0.00	102.09 6.68 0.00	130.27 8.18 0.00	156.67 8.59 0.00	220.61 10.51 0.00	256.61 9.16 0.00	317.97 10.46 0.00	360.38 12.86 0.00	324.41 13.08 0.00	231.71 11.45 0.00	152.23 9.69 0.00	95.38 4.63 0.00	77.96 4.27 0.00
HICKLING___2 23622	59.36 1.84 0.00	54.69 1.28 0.00	49.32 1.06 0.00	47.26 0.84 0.00	47.06 0.83 0.00	49.70 0.73 0.00	52.89 0.63 0.00	56.10 0.56 0.00	60.84 1.48 0.00	67.25 2.09 0.00	80.03 3.15 0.00	91.62 4.45 0.00	102.09 6.68 0.00	130.27 8.18 0.00	156.67 8.59 0.00	220.61 10.51 0.00	256.61 9.16 0.00	317.97 10.46 0.00	360.38 12.86 0.00	324.41 13.08 0.00	231.71 11.45 0.00	152.23 9.69 0.00	95.38 4.63 0.00	77.96 4.27 0.00
HIGH FALLS___HY 23754	60.34 2.82 0.00	56.02 2.62 0.00	50.91 2.65 0.00	48.89 2.46 0.00	48.54 2.31 0.00	51.22 2.25 0.00	54.72 2.46 0.00	58.04 2.50 0.00	61.85 2.49 0.00	68.03 2.87 0.00	80.80 3.92 0.00	92.28 5.14 0.05	102.14 7.35 0.62	132.20 10.99 0.88	160.18 14.66 2.56	223.89 22.06 8.28	266.64 27.47 8.28	329.36 34.75 12.90	385.15 38.58 0.95	344.33 33.00 0.00	241.40 21.14 0.00	152.01 11.69 2.22	96.56 5.81 0.00	76.86 3.17 0.00
HIGH_RIVER___SOLAR 323847	59.88 2.36 0.00	55.48 2.08 0.00	50.19 1.93 0.00	48.33 1.90 0.00	48.08 1.85 0.00	50.83 1.86 0.00	54.20 1.93 0.00	56.99 1.44 0.00	60.36 1.01 0.00	65.62 0.46 0.00	77.80 0.93 0.00	88.75 1.57 0.00	97.80 2.39 0.00	125.75 3.66 0.00	152.52 4.44 0.00	225.93 7.15 -8.68	263.21 8.15 -7.61	328.29 12.61 -8.16	368.36 18.75 -2.08	330.33 18.99 0.00	234.14 13.88 0.00	151.67 9.13 0.00	95.29 4.54 0.00	76.64 2.95 0.00
HILLBURN___GT 23639	59.71 2.19 0.00	55.43 2.03 0.00	50.43 2.17 0.00	48.47 2.04 0.00	48.12 1.90 0.00	50.68 1.71 0.00	54.25 1.99 0.00	57.38 1.83 0.00	61.25 1.90 0.00	67.31 2.15 0.00	80.03 3.15 0.00	91.71 4.53 0.00	102.09 6.68 0.00	132.10 10.01 0.00	161.41 13.33 0.00	233.23 19.74 -3.38	305.25 24.00 -33.81	363.61 29.52 -26.57	380.29 31.95 -0.82	338.11 26.78 0.00	236.99 16.73 0.00	151.23 8.70 0.00	94.74 3.99 0.00	75.31 1.62 0.00
HILLSIDE_115KV_TB1 80332	58.39 0.86 0.00	53.83 0.43 0.00	48.64 0.39 0.00	46.61 0.19 0.00	46.41 0.18 0.00	49.01 0.05 0.00	52.16 -0.10 0.00	55.27 -0.28 0.00	59.89 0.53 0.00	66.14 0.98 0.00	78.57 1.69 0.00	90.14 2.96 0.00	100.28 4.87 0.00	128.07 5.98 0.00	154.30 6.22 0.00	217.25 7.14 0.00	252.89 5.44 0.00	313.05 5.54 0.00	354.82 7.30 0.00	318.81 7.47 0.00	227.52 7.27 0.00	149.23 6.70 0.00	93.66 2.90 0.00	76.49 2.80 0.00

HISHELDN_WT_PWR 323625	58.33 0.80 0.00	53.56 0.16 0.00	48.21 -0.05 0.00	46.10 -0.32 0.00	46.04 -0.18 0.00	48.38 -0.59 0.00	51.07 -1.20 0.00	54.88 -0.66 0.00	59.59 0.24 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.40 3.23 0.00	101.33 5.92 0.00	127.95 5.86 0.00	153.12 5.04 0.00	214.09 3.98 0.00	246.96 -0.49 0.00	304.14 -3.38 0.00	345.79 -1.73 0.00	310.71 -0.62 0.00	223.56 3.31 0.00	149.10 6.56 0.00	93.74 2.99 0.00	77.30 3.61 0.00
HOLTSVILLE_IC_1 23690	59.94 2.42 0.00	56.77 3.37 0.00	51.83 3.57 0.00	49.44 3.02 0.00	49.05 2.82 0.00	51.61 2.64 0.00	55.14 2.87 0.00	57.60 2.06 0.00	60.47 1.12 0.01	66.18 1.04 0.02	80.11 3.23 0.00	93.91 5.41 -1.32	104.27 8.40 -0.46	135.59 12.46 -1.05	171.50 16.14 -7.28	291.35 22.91 -58.34	329.88 25.49 -56.94	377.75 31.98 -38.25	376.07 35.09 6.54	328.27 27.07 10.14	233.77 19.60 6.08	149.21 9.26 2.59	94.11 3.36 0.00	68.84 1.77 6.61
HOLTSVILLE_IC_10 23699	60.34 2.82 0.00	57.14 3.74 0.00	52.16 3.91 0.00	49.72 3.30 0.00	49.32 3.10 0.00	51.90 2.94 0.00	55.45 3.19 0.00	57.93 2.39 0.00	60.95 1.60 0.01	66.71 1.56 0.02	80.88 4.00 -0.01	94.96 6.36 -1.43	105.45 9.54 -0.49	137.39 13.91 -1.39	173.78 18.06 -7.64	294.07 25.20 -58.76	332.99 28.20 -57.34	381.53 35.35 -38.67	380.34 38.91 6.10	331.50 30.19 10.02	235.84 21.60 6.01	150.80 10.83 2.56	94.93 4.18 0.00	69.52 2.36 6.52
HOLTSVILLE_IC_2 23691	59.94 2.42 0.00	56.77 3.37 0.00	51.83 3.57 0.00	49.44 3.02 0.00	49.05 2.82 0.00	51.61 2.64 0.00	55.14 2.87 0.00	57.60 2.06 0.00	60.47 1.12 0.01	66.18 1.04 0.02	80.11 3.23 0.00	93.91 5.41 -1.32	104.27 8.40 -0.46	135.59 12.46 -1.05	171.50 16.14 -7.28	291.35 22.91 -58.34	329.88 25.49 -56.94	377.75 31.98 -38.25	376.07 35.09 6.54	328.27 27.07 10.14	233.77 19.60 6.08	149.21 9.26 2.59	94.11 3.36 0.00	68.84 1.77 6.61
HOLTSVILLE_IC_3 23692	59.94 2.42 0.00	56.77 3.37 0.00	51.83 3.57 0.00	49.44 3.02 0.00	49.05 2.82 0.00	51.61 2.64 0.00	55.14 2.87 0.00	57.60 2.06 0.00	60.47 1.12 0.01	66.18 1.04 0.02	80.11 3.23 0.00	93.91 5.41 -1.32	104.27 8.40 -0.46	135.59 12.46 -1.05	171.50 16.14 -7.28	291.35 22.91 -58.34	329.88 25.49 -56.94	377.75 31.98 -38.25	376.07 35.09 6.54	328.27 27.07 10.14	233.77 19.60 6.08	149.21 9.26 2.59	94.11 3.36 0.00	68.84 1.77 6.61
HOLTSVILLE_IC_4 23693	59.94 2.42 0.00	56.77 3.37 0.00	51.83 3.57 0.00	49.44 3.02 0.00	49.05 2.82 0.00	51.61 2.64 0.00	55.14 2.87 0.00	57.60 2.06 0.00	60.47 1.12 0.01	66.18 1.04 0.02	80.11 3.23 0.00	93.91 5.41 -1.32	104.27 8.40 -0.46	135.59 12.46 -1.05	171.50 16.14 -7.28	291.35 22.91 -58.34	329.88 25.49 -56.94	377.75 31.98 -38.25	376.07 35.09 6.54	328.27 27.07 10.14	233.77 19.60 6.08	149.21 9.26 2.59	94.11 3.36 0.00	68.84 1.77 6.61
HOLTSVILLE_IC_5 23694	59.94 2.42 0.00	56.77 3.37 0.00	51.83 3.57 0.00	49.44 3.02 0.00	49.05 2.82 0.00	51.61 2.64 0.00	55.14 2.87 0.00	57.60 2.06 0.00	60.47 1.12 0.01	66.18 1.04 0.02	80.11 3.23 0.00	93.91 5.41 -1.32	104.27 8.40 -0.46	135.59 12.46 -1.05	171.50 16.14 -7.28	291.35 22.91 -58.34	329.88 25.49 -56.94	377.75 31.98 -38.25	376.07 35.09 6.54	328.27 27.07 10.14	233.77 19.60 6.08	149.21 9.26 2.59	94.11 3.36 0.00	68.84 1.77 6.61
HOLTSVILLE_IC_6 23695	60.34 2.82 0.00	57.14 3.74 0.00	52.16 3.91 0.00	49.72 3.30 0.00	49.32 3.10 0.00	51.90 2.94 0.00	55.45 3.19 0.00	57.93 2.39 0.00	60.95 1.60 0.01	66.71 1.56 0.02	80.88 4.00 -0.01	94.96 6.36 -1.43	105.45 9.54 -0.49	137.39 13.91 -1.39	173.78 18.06 -7.64	294.07 25.20 -58.76	332.99 28.20 -57.34	381.53 35.35 -38.67	380.34 38.91 6.10	331.50 30.19 10.02	235.84 21.60 6.01	150.80 10.83 2.56	94.93 4.18 0.00	69.52 2.36 6.52
HOLTSVILLE_IC_7 23696	60.34 2.82 0.00	57.14 3.74 0.00	52.16 3.91 0.00	49.72 3.30 0.00	49.32 3.10 0.00	51.90 2.94 0.00	55.45 3.19 0.00	57.93 2.39 0.00	60.95 1.60 0.01	66.71 1.56 0.02	80.88 4.00 -0.01	94.96 6.36 -1.43	105.45 9.54 -0.49	137.39 13.91 -1.39	173.78 18.06 -7.64	294.07 25.20 -58.76	332.99 28.20 -57.34	381.53 35.35 -38.67	380.34 38.91 6.10	331.50 30.19 10.02	235.84 21.60 6.01	150.80 10.83 2.56	94.93 4.18 0.00	69.52 2.36 6.52
HOLTSVILLE_IC_8 23697	60.34 2.82 0.00	57.14 3.74 0.00	52.16 3.91 0.00	49.72 3.30 0.00	49.32 3.10 0.00	51.90 2.94 0.00	55.45 3.19 0.00	57.93 2.39 0.00	60.95 1.60 0.01	66.71 1.56 0.02	80.88 4.00 -0.01	94.96 6.36 -1.43	105.45 9.54 -0.49	137.39 13.91 -1.39	173.78 18.06 -7.64	294.07 25.20 -58.76	332.99 28.20 -57.34	381.53 35.35 -38.67	380.34 38.91 6.10	331.50 30.19 10.02	235.84 21.60 6.01	150.80 10.83 2.56	94.93 4.18 0.00	69.52 2.36 6.52
HOLTSVILLE_IC_9 23698	60.34 2.82 0.00	57.14 3.74 0.00	52.16 3.91 0.00	49.72 3.30 0.00	49.32 3.10 0.00	51.90 2.94 0.00	55.45 3.19 0.00	57.93 2.39 0.00	60.95 1.60 0.01	66.71 1.56 0.02	80.88 4.00 -0.01	94.96 6.36 -1.43	105.45 9.54 -0.49	137.39 13.91 -1.39	173.78 18.06 -7.64	294.07 25.20 -58.76	332.99 28.20 -57.34	381.53 35.35 -38.67	380.34 38.91 6.10	331.50 30.19 10.02	235.84 21.60 6.01	150.80 10.83 2.56	94.93 4.18 0.00	69.52 2.36 6.52
HOMER_HL_115KV_TB2 355744	57.93 0.40 0.00	53.19 -0.21 0.00	47.87 -0.39 0.00	45.82 -0.60 0.00	45.58 -0.65 0.00	48.08 -0.88 0.00	51.17 -1.10 0.00	54.32 -1.22 0.00	59.47 0.12 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.84 3.66 0.00	101.33 5.92 0.00	128.68 6.59 0.00	154.15 6.07 0.00	215.36 5.25 0.00	248.69 1.24 0.00	305.67 -1.85 0.00	346.83 -0.70 0.00	311.96 0.62 0.00	223.56 3.30 0.00	148.24 5.70 0.00	93.02 2.27 0.00	76.49 2.80 0.00
HOWARD_WT_PWR 323690	59.65 2.13 0.00	54.74 1.34 0.00	49.37 1.11 0.00	47.26 0.84 0.00	47.15 0.92 0.00	49.70 0.74 0.00	52.79 0.52 0.00	56.43 0.89 0.00	60.89 1.54 0.00	67.44 2.28 0.00	80.18 3.30 0.00	91.62 4.44 0.00	102.37 6.96 0.00	129.66 7.57 0.00	155.63 7.55 0.00	218.52 8.41 0.00	253.87 6.42 0.00	314.89 7.37 0.00	358.97 11.45 0.00	323.80 12.47 0.00	232.58 12.33 0.00	153.79 11.26 0.00	96.20 5.44 0.00	79.00 5.31 0.00
HQ_GEN_CEDARS 23644	57.75 0.23 0.00	53.78 0.37 0.00	48.21 -0.05 0.00	46.47 0.05 0.00	46.32 0.09 0.00	49.41 0.44 0.00	52.79 0.52 0.00	56.27 0.72 0.00	59.89 0.53 0.00	65.81 0.65 0.00	76.80 -0.08 0.00	86.39 -0.78 0.00	92.36 -3.05 0.00	92.00 -7.81 22.27	91.83 -9.33 46.92	91.99 -12.82 105.30	91.99 -14.35 141.11	91.97 -17.53 198.02	91.99 -20.16 235.38	91.97 -17.75 201.62	91.98 -11.89 116.38	91.98 -7.98 42.58	90.39 -0.36 0.00	74.21 0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	57.75 0.23 0.00	53.78 0.38 0.00	48.16 -0.10 0.00	46.47 0.05 0.00	46.32 0.09 0.00	49.41 0.44 0.00	52.79 0.52 0.00	55.91 0.72 0.36	60.24 0.53 -0.36	65.81 0.65 0.00	76.88 0.00 0.00	86.39 -0.79 0.00	91.98 -3.43 0.00	92.00 -7.82 22.27	91.98 -9.18 46.92	91.98 -12.82 105.30	91.98 -14.36 141.11	91.98 -17.52 198.02	91.98 -20.17 235.38	91.98 -17.73 201.62	91.98 -11.90 116.38	91.98 -7.98 42.58	88.36 -0.54 1.85	76.06 0.52 -1.85

HQ_GEN_IMPORT 323601	57.29 -0.23 0.00	53.30 -0.11 0.00	47.97 -0.29 0.00	46.20 -0.23 0.00	46.04 -0.18 0.00	48.92 -0.05 0.00	52.21 -0.05 0.00	55.30 0.11 0.36	59.77 0.06 -0.36	65.29 0.13 0.00	76.57 -0.31 0.00	88.65 -1.04 -2.52	90.41 -2.48 2.52	118.79 -4.03 -0.73	144.74 -4.88 -1.54	206.84 -6.73 -3.46	244.67 -7.42 -4.64	304.81 -9.22 -6.51	344.85 -10.42 -7.74	302.74 -9.04 -0.45	213.87 -6.39 0.00	134.33 -4.27 3.93	90.40 -1.18 -0.83	76.57 -0.22 -3.10
HQ_GEN_WHEEL 23651	57.29 -0.23 0.00	53.30 -0.11 0.00	47.97 -0.29 0.00	46.20 -0.23 0.00	46.04 -0.18 0.00	48.92 -0.05 0.00	52.21 -0.05 0.00	55.30 0.11 0.36	59.77 0.06 -0.36	65.29 0.13 0.00	76.57 -0.31 0.00	88.65 -1.04 -2.52	90.41 -2.48 2.52	118.79 -4.03 -0.73	144.74 -4.88 -1.54	206.84 -6.73 -3.46	244.67 -7.42 -4.64	304.81 -9.22 -6.51	344.85 -10.42 -7.74	302.74 -9.04 -0.45	213.87 -6.39 0.00	134.33 -4.27 3.93	90.40 -1.18 -0.83	76.57 -0.22 -3.10
HUDSON AVE_GT_3 23810	60.40 2.88 0.00	56.13 2.72 0.00	51.25 2.99 0.00	49.21 2.79 0.00	48.86 2.63 0.00	51.41 2.45 0.00	54.98 2.72 0.00	58.38 2.83 0.00	62.08 2.73 0.00	68.42 3.26 0.00	81.18 4.31 0.00	92.93 5.75 0.00	103.52 8.11 0.00	134.17 12.09 0.00	164.07 15.99 0.00	237.69 23.74 -3.84	334.50 28.21 -58.84	387.95 34.75 -45.69	385.98 37.53 -0.92	343.09 31.76 0.00	239.86 19.60 0.00	152.66 10.12 0.00	95.56 4.81 0.00	75.83 2.14 0.00
HUDSON AVE_GT_4 23540	60.40 2.88 0.00	56.13 2.72 0.00	51.25 2.99 0.00	49.21 2.79 0.00	48.86 2.63 0.00	51.41 2.45 0.00	54.98 2.72 0.00	58.38 2.83 0.00	62.08 2.73 0.00	68.42 3.26 0.00	81.18 4.31 0.00	92.93 5.75 0.00	103.52 8.11 0.00	134.17 12.09 0.00	164.07 15.99 0.00	237.69 23.74 -3.84	334.50 28.21 -58.84	387.95 34.75 -45.69	385.98 37.53 -0.92	343.09 31.76 0.00	239.86 19.60 0.00	152.66 10.12 0.00	95.56 4.81 0.00	75.83 2.14 0.00
HUDSON AVE_GT_5 23657	60.40 2.88 0.00	56.13 2.72 0.00	51.25 2.99 0.00	49.21 2.79 0.00	48.86 2.63 0.00	51.41 2.45 0.00	54.98 2.72 0.00	58.38 2.83 0.00	62.08 2.73 0.00	68.42 3.26 0.00	81.18 4.31 0.00	92.93 5.75 0.00	103.52 8.11 0.00	134.17 12.09 0.00	164.07 15.99 0.00	237.69 23.74 -3.84	334.50 28.21 -58.84	387.95 34.75 -45.69	385.98 37.53 -0.92	343.09 31.76 0.00	239.86 19.60 0.00	152.66 10.12 0.00	95.56 4.81 0.00	75.83 2.14 0.00
HUDSON_AVE_10 24168	60.28 2.76 0.00	56.02 2.62 0.00	51.15 2.90 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.88 2.61 0.00	58.32 2.78 0.00	62.02 2.67 0.00	68.29 3.13 0.00	81.03 4.15 0.00	92.76 5.58 0.00	103.23 7.82 0.00	135.47 11.72 -1.66	166.36 15.70 -2.59	237.78 23.11 -4.56	337.48 27.47 -62.57	393.54 33.83 -52.20	391.80 36.84 -7.44	348.26 31.13 -5.79	242.90 19.16 -3.48	153.71 9.69 -1.48	95.47 4.72 0.00	75.68 1.99 0.00
HUDSON___115KV_TB 4 355613	59.08 1.55 0.00	54.74 1.34 0.00	49.56 1.30 0.00	47.68 1.25 0.00	47.38 1.16 0.00	50.04 1.08 0.00	53.47 1.20 0.00	56.21 0.67 0.00	59.71 0.36 0.00	65.16 0.00 0.00	77.18 0.31 0.00	88.05 1.05 0.17	94.98 1.91 2.34	122.17 3.42 3.34	142.80 4.44 9.73	154.13 7.56 63.54	177.82 10.15 79.77	227.14 13.84 94.21	353.33 17.38 11.57	326.26 14.94 0.02	230.59 10.35 0.02	140.82 6.56 8.27	93.02 2.27 0.00	75.02 1.33 0.00
HUNTER MOUNT___DRP 323613	59.19 1.67 0.00	54.85 1.44 0.00	49.61 1.35 0.00	47.68 1.25 0.00	47.43 1.20 0.00	50.09 1.13 0.00	53.52 1.25 0.00	56.32 0.78 0.00	59.77 0.42 0.00	65.23 0.07 0.00	77.26 0.38 0.00	88.41 1.48 0.25	94.39 2.39 3.40	121.38 4.15 4.86	139.26 5.33 14.15	159.75 9.03 59.39	182.59 11.88 76.74	225.97 16.61 98.15	359.49 20.85 8.89	328.75 17.43 0.02	232.35 12.11 0.02	138.48 7.98 12.04	93.47 2.72 0.00	75.46 1.77 0.00
HUNTINGTON_RES_REC 323705	59.59 2.07 0.00	56.72 3.31 0.00	51.78 3.52 0.00	49.44 3.02 0.00	49.00 2.77 0.00	51.61 2.64 0.00	55.09 2.82 0.00	57.38 1.83 0.00	60.29 0.95 0.01	66.12 0.98 0.02	80.03 3.15 0.00	94.00 5.41 -1.42	104.39 8.49 -0.49	136.20 12.70 -1.42	172.53 16.73 -7.72	293.35 24.36 -58.88	332.78 27.95 -57.38	381.26 35.04 -38.70	380.00 38.57 6.10	331.50 30.19 10.02	234.50 20.25 6.01	149.53 9.55 2.56	94.11 3.36 0.00	69.02 1.84 6.51
HUNTLEY___63 23557	58.27 0.75 0.00	53.40 0.00 0.00	47.97 -0.29 0.00	45.82 -0.60 0.00	45.58 -0.65 0.00	47.99 -0.98 0.00	50.49 -1.78 0.00	54.05 -1.50 0.00	59.65 0.30 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.32 3.14 0.00	101.42 6.01 0.00	128.31 6.23 0.00	153.26 5.18 0.00	212.63 2.52 0.00	244.23 -3.22 0.00	299.83 -7.69 0.00	339.18 -8.34 0.00	304.80 -6.54 0.00	219.60 -0.66 0.00	147.38 4.85 0.00	92.75 2.00 0.00	76.93 3.24 0.00
HUNTLEY___64 23558	58.27 0.75 0.00	53.40 0.00 0.00	47.97 -0.29 0.00	45.82 -0.60 0.00	45.58 -0.65 0.00	47.99 -0.98 0.00	50.49 -1.78 0.00	54.05 -1.50 0.00	59.65 0.30 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.32 3.14 0.00	101.42 6.01 0.00	128.31 6.23 0.00	153.26 5.18 0.00	212.63 2.52 0.00	244.23 -3.22 0.00	299.83 -7.69 0.00	339.18 -8.34 0.00	304.80 -6.54 0.00	219.60 -0.66 0.00	147.38 4.85 0.00	92.75 2.00 0.00	76.93 3.24 0.00
HUNTLEY___65 23559	58.27 0.75 0.00	53.40 0.00 0.00	47.97 -0.29 0.00	45.82 -0.60 0.00	45.58 -0.65 0.00	47.99 -0.98 0.00	50.49 -1.78 0.00	54.05 -1.50 0.00	59.65 0.30 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.32 3.14 0.00	101.42 6.01 0.00	128.31 6.23 0.00	153.26 5.18 0.00	212.63 2.52 0.00	244.23 -3.22 0.00	299.83 -7.69 0.00	339.18 -8.34 0.00	304.80 -6.54 0.00	219.60 -0.66 0.00	147.38 4.85 0.00	92.75 2.00 0.00	76.93 3.24 0.00
HUNTLEY___66 23560	58.27 0.75 0.00	53.40 0.00 0.00	47.97 -0.29 0.00	45.82 -0.60 0.00	45.58 -0.65 0.00	47.99 -0.98 0.00	50.49 -1.78 0.00	54.05 -1.50 0.00	59.65 0.30 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.32 3.14 0.00	101.42 6.01 0.00	128.31 6.23 0.00	153.26 5.18 0.00	212.63 2.52 0.00	244.23 -3.22 0.00	299.83 -7.69 0.00	339.18 -8.34 0.00	304.80 -6.54 0.00	219.60 -0.66 0.00	147.38 4.85 0.00	92.75 2.00 0.00	76.93 3.24 0.00
HUNTLEY___67 23561	57.87 0.35 0.00	53.08 -0.32 0.00	47.68 -0.58 0.00	45.59 -0.84 0.00	45.35 -0.88 0.00	47.74 -1.22 0.00	50.33 -1.93 0.00	53.82 -1.72 0.00	59.29 -0.06 0.00	66.14 0.98 0.00	78.57 1.69 0.00	90.23 3.05 0.00	101.23 5.82 0.00	128.07 5.98 0.00	152.97 4.89 0.00	212.63 2.52 0.00	244.23 -3.22 0.00	299.83 -7.69 0.00	339.18 -8.34 0.00	305.11 -6.23 0.00	219.82 -0.44 0.00	147.38 4.85 0.00	92.75 2.00 0.00	76.71 3.02 0.00
HUNTLEY___68 23562	57.87 0.35 0.00	53.08 -0.32 0.00	47.68 -0.58 0.00	45.59 -0.84 0.00	45.35 -0.88 0.00	47.74 -1.22 0.00	50.33 -1.93 0.00	53.82 -1.72 0.00	59.29 -0.06 0.00	66.14 0.98 0.00	78.57 1.69 0.00	90.23 3.05 0.00	101.23 5.82 0.00	128.07 5.98 0.00	152.97 4.89 0.00	212.63 2.52 0.00	244.23 -3.22 0.00	299.83 -7.69 0.00	339.18 -8.34 0.00	305.11 -6.23 0.00	219.82 -0.44 0.00	147.38 4.85 0.00	92.75 2.00 0.00	76.71 3.02 0.00

HYLAND___LFGE 323620	60.28 2.76 0.00	55.22 1.82 0.00	49.75 1.50 0.00	47.49 1.07 0.00	47.38 1.16 0.00	49.94 0.98 0.00	53.00 0.73 0.00	56.55 1.00 0.00	60.24 0.89 0.00	65.62 0.46 0.00	77.26 0.39 0.00	83.34 -3.83 0.00	92.74 -2.67 0.00	117.45 -4.64 0.00	141.12 -6.96 0.00	199.40 -10.71 0.00	233.60 -13.85 0.00	290.00 -17.52 0.00	336.06 -11.46 0.00	307.92 -3.42 0.00	222.68 2.43 0.00	148.24 5.71 0.00	93.20 2.45 0.00	79.80 6.11 0.00
INDECK___CORINTH 23802	59.88 2.36 0.00	55.32 1.92 0.00	50.04 1.79 0.00	48.05 1.62 0.00	47.80 1.57 0.00	50.58 1.61 0.00	54.14 1.88 0.00	57.38 1.83 0.00	61.13 1.78 0.00	66.79 1.63 0.00	78.65 1.77 0.00	89.79 2.61 0.00	98.94 3.53 0.00	127.33 5.25 0.00	154.15 6.07 0.00	235.26 10.29 -14.86	274.43 12.61 -14.36	339.10 16.59 -14.99	375.06 23.96 -3.57	333.12 21.79 0.00	236.33 16.07 0.00	152.94 10.40 0.00	95.74 4.99 0.00	76.78 3.09 0.00
INDECK___ILION 23567	58.50 0.98 0.00	54.26 0.85 0.00	49.03 0.77 0.00	47.17 0.74 0.00	47.01 0.79 0.00	49.75 0.78 0.00	53.21 0.94 0.00	56.43 0.89 0.00	60.30 0.95 0.00	66.14 0.98 0.00	78.11 1.23 0.00	88.75 1.57 0.00	97.51 2.10 0.00	124.69 2.93 0.33	150.95 3.55 0.69	213.82 5.25 1.54	251.08 5.69 2.06	312.00 7.38 2.89	352.77 8.69 3.44	319.23 8.09 0.20	225.98 5.73 0.00	146.38 3.85 0.00	92.66 1.91 0.00	75.02 1.33 0.00
INDECK___OLEAN 23982	57.93 0.41 0.00	53.19 -0.21 0.00	47.92 -0.34 0.00	45.82 -0.60 0.00	45.72 -0.51 0.00	48.09 -0.88 0.00	51.12 -1.15 0.00	54.77 -0.78 0.00	59.53 0.18 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.84 3.66 0.00	101.52 6.11 0.00	128.31 6.22 0.00	153.85 5.77 0.00	215.14 5.03 0.00	248.69 1.24 0.00	305.68 -1.83 0.00	347.18 -0.35 0.00	311.96 0.62 0.00	223.56 3.31 0.00	148.24 5.71 0.00	93.02 2.27 0.00	76.49 2.80 0.00
INDECK___OSWEGO 23783	56.14 -1.38 0.00	52.01 -1.39 0.00	47.05 -1.20 0.00	45.13 -1.30 0.00	44.98 -1.25 0.00	47.60 -1.37 0.00	50.80 -1.46 0.00	54.05 -1.50 0.00	57.87 -1.48 0.00	63.53 -1.63 0.00	75.18 -1.69 0.00	85.69 -1.48 0.00	94.27 -1.14 0.00	120.08 -1.34 0.66	144.75 -1.93 1.40	204.02 -2.94 3.14	239.03 -4.21 4.21	296.38 -5.23 5.91	334.93 -5.57 7.02	306.57 -4.36 0.41	218.05 -2.20 0.00	141.54 -0.99 0.00	89.48 -1.27 0.00	72.44 -1.25 0.00
INDECK___YERKES 23781	58.39 0.86 0.00	53.46 0.05 0.00	48.06 -0.19 0.00	45.87 -0.56 0.00	45.81 -0.42 0.00	48.03 -0.93 0.00	50.54 -1.72 0.00	54.65 -0.89 0.00	59.71 0.36 0.00	66.34 1.17 0.00	78.80 1.92 0.00	90.31 3.13 0.00	101.52 6.11 0.00	127.83 5.74 0.00	152.82 4.74 0.00	212.64 2.53 0.00	244.49 -2.96 0.00	299.84 -7.68 0.00	340.21 -7.31 0.00	304.78 -6.55 0.00	219.60 -0.66 0.00	147.38 4.85 0.00	92.84 2.09 0.00	76.93 3.24 0.00
INDIAN POINT_GT_1 24139	59.77 2.24 0.00	55.54 2.14 0.00	50.57 2.32 0.00	48.61 2.18 0.00	48.26 2.03 0.00	50.83 1.86 0.00	54.30 2.04 0.00	57.66 2.11 0.00	61.31 1.96 0.00	67.38 2.22 0.00	80.11 3.23 0.00	91.71 4.53 0.00	101.99 6.58 0.00	132.10 10.01 0.00	161.41 13.33 0.00	233.62 19.75 -3.76	320.16 23.76 -48.96	375.20 29.52 -38.17	380.40 31.97 -0.90	338.11 26.77 0.00	237.00 16.74 0.00	151.23 8.69 0.00	94.65 3.90 0.00	75.31 1.62 0.00
INDIAN POINT_GT_2 23659	59.77 2.24 0.00	55.54 2.14 0.00	50.57 2.32 0.00	48.61 2.18 0.00	48.26 2.03 0.00	50.83 1.86 0.00	54.30 2.04 0.00	57.66 2.11 0.00	61.31 1.96 0.00	67.38 2.22 0.00	80.11 3.23 0.00	91.71 4.53 0.00	101.99 6.58 0.00	132.10 10.01 0.00	161.41 13.33 0.00	233.62 19.75 -3.76	320.16 23.76 -48.96	375.20 29.52 -38.17	380.40 31.97 -0.90	338.11 26.77 0.00	237.00 16.74 0.00	151.23 8.69 0.00	94.65 3.90 0.00	75.31 1.62 0.00
INDIAN POINT_GT_3 24019	59.77 2.24 0.00	55.54 2.14 0.00	50.57 2.32 0.00	48.61 2.18 0.00	48.26 2.03 0.00	50.83 1.86 0.00	54.30 2.04 0.00	57.66 2.11 0.00	61.31 1.96 0.00	67.38 2.22 0.00	80.11 3.23 0.00	91.71 4.53 0.00	101.99 6.58 0.00	132.10 10.01 0.00	161.41 13.33 0.00	233.62 19.75 -3.76	320.16 23.76 -48.96	375.20 29.52 -38.17	380.40 31.97 -0.90	338.11 26.77 0.00	237.00 16.74 0.00	151.23 8.69 0.00	94.65 3.90 0.00	75.31 1.62 0.00
INDIAN POINT___2 23530	59.71 2.19 0.00	55.43 2.03 0.00	50.43 2.17 0.00	48.52 2.09 0.00	48.12 1.90 0.00	50.73 1.76 0.00	54.25 1.99 0.00	57.38 1.83 0.00	61.20 1.84 0.00	67.31 2.15 0.00	79.87 3.00 0.00	91.53 4.36 0.00	101.90 6.49 0.00	131.97 9.88 0.00	161.11 13.03 0.00	233.04 19.32 -3.62	315.47 23.25 -44.77	371.07 28.60 -34.95	379.31 30.92 -0.87	337.49 26.16 0.00	236.33 16.07 0.00	150.94 8.41 0.00	94.56 3.81 0.00	75.24 1.55 0.00
INDIAN POINT___3 23531	59.65 2.13 0.00	55.43 2.03 0.00	50.48 2.22 0.00	48.47 2.04 0.00	48.17 1.94 0.00	50.68 1.71 0.00	54.20 1.93 0.00	57.49 1.94 0.00	61.13 1.78 0.00	67.18 2.02 0.00	79.87 3.00 0.00	91.45 4.27 0.00	101.61 6.20 0.00	131.61 9.52 0.00	160.81 12.73 0.00	232.79 18.91 -3.77	318.39 22.77 -48.18	373.39 28.29 -37.58	379.01 30.58 -0.91	336.86 25.53 0.00	236.11 15.86 0.00	150.80 8.27 0.00	94.38 3.63 0.00	75.16 1.47 0.00
INGHAM_C_115KV_TB7 356103	59.31 1.78 0.00	54.95 1.55 0.00	49.70 1.45 0.00	47.77 1.35 0.00	47.61 1.39 0.00	50.43 1.47 0.00	53.94 1.67 0.00	57.21 1.67 0.00	61.13 1.78 0.00	67.05 1.89 0.00	79.11 2.23 0.00	89.97 2.79 0.00	98.75 3.34 0.00	126.16 4.40 0.33	152.73 5.33 0.69	216.13 7.56 1.54	253.80 8.41 2.06	315.39 10.76 2.89	356.94 12.86 3.44	323.28 12.14 0.20	229.06 8.81 0.00	148.52 5.99 0.00	94.02 3.27 0.00	76.12 2.43 0.00
IP CORINTH___1 23988	60.23 2.70 0.00	55.65 2.24 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.07 1.85 0.00	50.83 1.86 0.00	54.41 2.14 0.00	57.71 2.17 0.00	61.49 2.14 0.00	67.18 2.02 0.00	79.11 2.23 0.00	90.32 3.14 0.00	99.42 4.01 0.00	127.95 5.86 0.00	155.04 6.96 0.00	236.53 11.56 -14.86	275.92 14.10 -14.36	340.96 18.45 -14.99	376.81 25.72 -3.57	335.00 23.66 0.00	237.66 17.40 0.00	153.80 11.26 0.00	96.20 5.45 0.00	77.23 3.54 0.00
IP___TICONDEROGA 23804	62.70 5.18 0.00	57.78 4.38 0.00	52.21 3.96 0.00	50.00 3.57 0.00	49.74 3.51 0.00	52.69 3.72 0.00	56.34 4.08 0.00	59.71 4.17 0.00	63.57 4.21 0.00	69.33 4.17 0.00	81.87 5.00 0.00	93.63 6.45 0.00	103.14 7.73 0.00	132.71 10.62 0.00	160.37 12.29 0.00	245.19 19.54 -15.54	286.08 23.51 -15.12	354.63 31.37 -15.75	393.65 42.40 -3.73	351.19 39.85 0.00	249.77 29.51 0.00	162.21 19.67 0.00	100.92 10.16 0.00	80.84 7.15 0.00
ISLIP_RES_REC 323679	60.74 3.22 0.00	57.52 4.11 0.00	52.45 4.20 0.00	50.00 3.58 0.00	49.60 3.37 0.00	52.20 3.23 0.00	55.77 3.50 0.00	58.38 2.83 0.00	61.42 2.08 0.01	67.29 2.15 0.02	81.65 4.77 -0.01	96.00 7.32 -1.50	106.62 10.68 -0.52	139.35 15.63 -1.63	176.11 20.14 -7.89	297.50 28.35 -59.04	336.75 31.68 -57.62	386.16 39.69 -38.96	385.52 43.79 5.79	335.64 34.25 9.94	238.74 24.45 5.96	152.39 12.39 2.54	95.83 5.08 0.00	70.25 3.02 6.47

JAMAICA__27_KV_LOAD 355505	60.97 3.45 0.00	56.61 3.20 0.00	51.59 3.33 0.00	49.54 3.11 0.00	49.18 2.96 0.00	51.76 2.79 0.00	55.45 3.19 0.00	59.06 3.50 -0.02	62.80 3.44 0.00	69.14 3.97 0.00	81.80 4.92 0.00	93.80 6.63 0.00	104.47 9.06 0.00	137.48 13.31 -2.09	168.96 17.62 -3.26	240.90 26.05 -4.74	342.18 31.18 -63.55	399.86 38.44 -53.91	398.72 42.05 -9.14	354.45 35.80 -7.31	247.34 22.69 -4.40	156.23 11.83 -1.86	96.83 6.08 0.00	76.71 3.02 0.00
JANIS__SOLAR 323808	60.92 3.39 0.00	56.29 2.88 0.00	50.86 2.60 0.00	48.75 2.32 0.00	48.72 2.49 0.00	51.61 2.64 0.00	55.24 2.98 0.00	58.65 3.11 0.00	62.62 3.26 0.00	68.29 3.13 0.00	80.41 3.54 0.00	91.88 4.70 0.00	101.61 6.20 0.00	130.14 8.06 0.00	157.70 9.62 0.00	223.76 13.65 0.00	263.52 16.08 0.00	329.35 21.84 0.00	377.05 29.52 0.00	340.29 28.96 0.00	242.95 22.69 0.00	157.93 15.40 0.00	98.83 8.07 0.00	79.80 6.11 0.00
JARVIS____ 23743	57.75 0.23 0.00	53.56 0.16 0.00	48.50 0.24 0.00	46.66 0.23 0.00	46.46 0.23 0.00	49.16 0.20 0.00	52.53 0.26 0.00	55.71 0.17 0.00	59.53 0.18 0.00	65.29 0.13 0.00	77.11 0.23 0.00	87.70 0.53 0.00	96.27 0.86 0.00	123.23 1.47 0.33	149.18 1.78 0.69	211.10 2.53 1.54	248.37 2.98 2.06	308.33 3.70 2.89	348.59 4.51 3.44	314.89 3.75 0.20	222.91 2.65 0.00	144.25 1.72 0.00	91.39 0.64 0.00	73.91 0.22 0.00
JENNISON____1 23625	61.15 3.62 0.00	56.55 3.15 0.00	51.10 2.85 0.00	49.12 2.69 0.00	49.05 2.82 0.00	51.95 2.99 0.00	55.61 3.34 0.00	58.99 3.44 0.00	63.21 3.86 0.00	69.20 4.04 0.00	81.80 4.92 0.00	93.72 6.54 0.00	103.71 8.30 0.00	133.20 11.11 0.00	161.56 13.48 0.00	229.02 18.91 0.00	268.73 21.28 0.00	334.58 27.06 0.00	380.54 33.01 0.00	342.16 30.82 0.00	243.60 23.35 0.00	158.07 15.54 0.00	98.92 8.17 0.00	79.88 6.19 0.00
JENNISON____2 23626	61.15 3.62 0.00	56.55 3.15 0.00	51.10 2.85 0.00	49.12 2.69 0.00	49.05 2.82 0.00	51.95 2.99 0.00	55.61 3.34 0.00	58.99 3.44 0.00	63.21 3.86 0.00	69.20 4.04 0.00	81.80 4.92 0.00	93.72 6.54 0.00	103.71 8.30 0.00	133.20 11.11 0.00	161.56 13.48 0.00	229.02 18.91 0.00	268.73 21.28 0.00	334.58 27.06 0.00	380.54 33.01 0.00	342.16 30.82 0.00	243.60 23.35 0.00	158.07 15.54 0.00	98.92 8.17 0.00	79.88 6.19 0.00
JERICOHO_RISE_WT_PWR 323719	55.97 -1.55 0.00	52.23 -1.18 0.00	47.24 -1.02 0.00	45.73 -0.70 0.00	45.67 -0.55 0.00	48.57 -0.39 0.00	51.95 -0.31 0.00	55.60 0.06 0.00	59.35 0.00 0.00	65.29 0.13 0.00	76.49 -0.38 0.00	85.87 -1.31 0.00	91.88 -3.53 0.00	114.64 -5.98 1.47	137.59 -7.40 3.09	193.08 -10.08 6.94	227.02 -11.13 9.30	281.56 -12.90 13.06	317.74 -14.26 15.52	272.74 -12.15 26.45	196.53 -7.92 15.81	131.34 -5.42 5.78	89.48 -1.27 0.00	73.54 -0.15 0.00
KATONAH__115KV_46KV_TB4 355592	60.17 2.65 0.00	55.81 2.40 0.00	50.86 2.61 0.00	48.84 2.41 0.00	48.49 2.27 0.00	51.07 2.11 0.00	54.62 2.35 0.00	57.99 2.44 0.00	61.73 2.37 0.00	67.83 2.67 0.00	80.64 3.77 0.00	92.41 5.23 0.00	102.76 7.35 0.00	133.20 11.11 0.00	162.59 14.51 0.00	235.89 21.85 -3.94	270.86 26.23 2.81	338.45 31.98 1.05	383.22 34.75 -0.94	340.60 29.27 0.00	238.76 18.50 0.00	152.66 10.12 0.00	95.47 4.72 0.00	75.97 2.28 0.00
KCE_NY_1 323755	60.46 2.93 0.00	55.97 2.56 0.00	50.57 2.32 0.00	48.65 2.23 0.00	48.35 2.13 0.00	51.12 2.15 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.61 2.25 0.00	67.31 2.15 0.00	79.64 2.76 0.00	90.92 3.75 0.00	100.37 4.96 0.00	129.17 7.08 0.00	156.67 8.59 0.00	240.06 13.46 -16.49	279.71 16.08 -16.18	344.94 20.61 -16.82	377.20 25.72 -3.96	334.37 23.04 0.00	236.55 16.30 0.00	153.23 10.70 0.00	96.10 5.35 0.00	77.30 3.61 0.00
KCE_NY_6_ESR 323823	58.67 1.15 0.00	53.78 0.38 0.00	48.35 0.10 0.00	46.20 -0.23 0.00	46.13 -0.09 0.00	48.43 -0.54 0.00	51.07 -1.20 0.00	55.16 -0.39 0.00	60.12 0.77 0.00	67.05 1.89 0.00	79.72 2.85 0.00	91.71 4.53 0.00	102.95 7.54 0.00	129.91 7.82 0.00	155.33 7.25 0.00	216.63 6.52 0.00	249.42 1.97 0.00	306.29 -1.23 0.00	347.52 0.00 0.00	311.65 0.31 0.00	224.22 3.97 0.00	150.08 7.55 0.00	94.29 3.54 0.00	77.81 4.12 0.00
KEDC_PORT_JEFF_GT2 24210	60.17 2.65 0.00	56.98 3.58 0.00	52.02 3.77 0.00	49.63 3.20 0.00	49.19 2.96 0.00	51.80 2.84 0.00	55.30 3.03 0.00	57.77 2.22 0.00	60.77 1.42 0.01	66.38 1.23 0.02	80.34 3.46 0.00	93.70 5.14 -1.38	104.19 8.30 -0.48	135.43 12.09 -1.25	171.27 15.69 -7.50	290.97 22.26 -58.61	329.38 24.74 -57.18	377.40 31.38 -38.50	375.66 34.41 6.28	327.09 25.83 10.07	232.72 18.50 6.04	148.66 8.70 2.57	93.74 2.99 0.00	68.90 1.77 6.56
KEDC_PORT_JEFF_GT3 24211	60.17 2.65 0.00	56.98 3.58 0.00	52.02 3.77 0.00	49.63 3.20 0.00	49.19 2.96 0.00	51.80 2.84 0.00	55.30 3.03 0.00	57.77 2.22 0.00	60.77 1.42 0.01	66.38 1.23 0.02	80.34 3.46 0.00	93.70 5.14 -1.38	104.19 8.30 -0.48	135.43 12.09 -1.25	171.27 15.69 -7.50	290.97 22.26 -58.61	329.38 24.74 -57.18	377.40 31.38 -38.50	375.66 34.41 6.28	327.09 25.83 10.07	232.72 18.50 6.04	148.66 8.70 2.57	93.74 2.99 0.00	68.90 1.77 6.56
KEDC_GLWD_GT4 24219	60.46 2.93 0.00	56.61 3.20 0.00	51.54 3.28 0.00	49.40 2.97 0.00	49.00 2.77 0.00	51.61 2.64 0.00	55.14 2.87 0.00	58.10 2.56 0.00	61.73 2.38 0.00	67.43 2.28 0.01	80.87 4.00 0.00	99.15 5.93 -6.04	106.05 8.59 -2.05	152.72 12.70 -17.94	190.60 16.73 -25.79	317.17 24.57 -82.50	358.01 28.94 -81.62	408.66 35.66 -65.49	405.64 39.26 -18.86	343.71 32.38 0.00	240.96 20.70 -0.01	153.08 10.55 0.00	95.20 4.45 0.00	75.17 2.43 0.95
KEDC_GLWD_GT5 24220	60.46 2.93 0.00	56.61 3.20 0.00	51.54 3.28 0.00	49.40 2.97 0.00	49.00 2.77 0.00	51.61 2.64 0.00	55.14 2.87 0.00	58.10 2.56 0.00	61.73 2.38 0.00	67.43 2.28 0.01	80.87 4.00 0.00	99.15 5.93 -6.04	106.05 8.59 -2.05	152.72 12.70 -17.94	190.60 16.73 -25.79	317.17 24.57 -82.50	358.01 28.94 -81.62	408.66 35.66 -65.49	405.64 39.26 -18.86	343.71 32.38 0.00	240.96 20.70 -0.01	153.08 10.55 0.00	95.20 4.45 0.00	75.17 2.43 0.95
KENSICO____ 23655	60.00 2.47 0.00	55.75 2.35 0.00	50.77 2.51 0.00	48.75 2.32 0.00	48.44 2.22 0.00	50.97 2.01 0.00	54.51 2.25 0.00	57.88 2.33 0.00	61.55 2.20 0.00	67.64 2.48 0.00	80.41 3.54 0.00	92.06 4.88 0.00	102.38 6.96 0.00	132.59 10.50 0.00	162.15 14.07 0.00	234.74 20.80 -3.84	327.32 24.99 -54.88	380.94 30.75 -42.68	381.81 33.36 -0.92	339.35 28.02 0.00	237.66 17.40 0.00	151.66 9.12 0.00	94.93 4.17 0.00	75.53 1.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	60.23 2.70 0.00	55.91 2.51 0.00	50.81 2.56 0.00	48.79 2.37 0.00	48.44 2.22 0.00	51.12 2.15 0.00	54.62 2.35 0.00	57.93 2.39 0.00	61.67 2.31 0.00	67.77 2.61 0.00	80.49 3.61 0.00	92.03 4.88 0.03	101.97 6.96 0.40	132.01 10.50 0.58	160.32 13.92 1.68	228.40 21.01 2.72	274.13 26.23 -0.45	337.76 33.52 3.28	384.71 37.19 0.00	343.40 32.07 0.00	240.96 20.70 0.00	152.62 11.55 1.46	96.38 5.63 0.00	76.78 3.09 0.00

KIAC_JFK_GT1 23816	60.57 3.05 0.00	56.23 2.83 0.00	51.25 2.99 0.00	49.21 2.79 0.00	48.86 2.63 0.00	51.41 2.45 0.00	55.14 2.87 0.00	58.67 3.11 -0.02	62.38 3.03 0.00	68.42 3.26 0.00	80.95 4.07 0.00	92.76 5.58 0.00	103.33 7.92 0.00	136.02 11.84 -2.09	167.18 15.84 -3.26	238.38 23.53 -4.74	338.96 27.96 -63.55	395.87 34.44 -53.91	394.20 37.53 -9.14	350.41 31.76 -7.31	244.48 19.82 -4.40	154.38 9.98 -1.86	95.74 4.99 0.00	75.83 2.14 0.00
KIAC_JFK_GT2 23817	60.57 3.05 0.00	56.23 2.83 0.00	51.25 2.99 0.00	49.21 2.79 0.00	48.86 2.63 0.00	51.41 2.45 0.00	55.14 2.87 0.00	58.67 3.11 -0.02	62.38 3.03 0.00	68.42 3.26 0.00	80.95 4.07 0.00	92.76 5.58 0.00	103.33 7.92 0.00	136.02 11.84 -2.09	167.18 15.84 -3.26	238.38 23.53 -4.74	338.96 27.96 -63.55	395.87 34.44 -53.91	394.20 37.53 -9.14	350.41 31.76 -7.31	244.48 19.82 -4.40	154.38 9.98 -1.86	95.74 4.99 0.00	75.83 2.14 0.00
KIAC_JFK____ 323774	60.57 3.05 0.00	56.23 2.83 0.00	51.20 2.94 0.00	49.21 2.79 0.00	48.77 2.54 0.00	51.41 2.45 0.00	55.14 2.87 0.00	58.50 2.94 -0.02	62.38 3.03 0.00	68.42 3.26 0.00	80.87 4.00 0.00	92.76 5.58 0.00	103.43 8.02 0.00	136.27 12.09 -2.09	167.34 16.00 -3.26	238.17 23.32 -4.74	338.95 27.95 -63.55	395.86 34.43 -53.91	394.21 37.54 -9.14	350.42 31.77 -7.31	244.49 19.83 -4.40	154.37 9.97 -1.86	95.83 5.08 0.00	75.83 2.14 0.00
KINTIGH__24_KV_GSU 356498	57.58 0.06 0.00	52.87 -0.53 0.00	47.58 -0.68 0.00	45.40 -1.02 0.00	45.35 -0.88 0.00	47.60 -1.37 0.00	50.33 -1.93 0.00	54.32 -1.22 0.00	59.18 -0.18 0.00	65.75 0.59 0.00	78.03 1.15 0.00	89.53 2.35 0.00	100.18 4.77 0.00	126.36 4.27 0.00	151.33 3.25 0.00	210.95 0.84 0.00	243.99 -3.46 0.00	299.84 -7.68 0.00	339.54 -7.98 0.00	304.78 -6.55 0.00	219.16 -1.10 0.00	146.24 3.70 0.00	92.20 1.45 0.00	76.05 2.36 0.00
KINTIGH____ 23543	57.58 0.06 0.00	52.87 -0.53 0.00	47.53 -0.72 0.00	45.40 -1.02 0.00	45.21 -1.02 0.00	47.64 -1.32 0.00	50.33 -1.93 0.00	53.88 -1.67 0.00	59.12 -0.24 0.00	65.75 0.59 0.00	78.11 1.23 0.00	89.53 2.35 0.00	100.09 4.68 0.00	126.73 4.64 0.00	151.78 3.70 0.00	211.16 1.05 0.00	243.74 -3.71 0.00	299.83 -7.69 0.00	338.84 -8.69 0.00	304.80 -6.54 0.00	219.15 -1.10 0.00	146.24 3.71 0.00	92.20 1.45 0.00	76.05 2.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	56.43 -1.09 0.00	52.66 -0.75 0.00	47.73 -0.53 0.00	46.24 -0.19 0.00	46.18 -0.05 0.00	48.87 -0.10 0.00	52.37 0.10 0.00	56.05 0.50 0.00	59.89 0.53 0.00	65.88 0.72 0.00	77.11 0.23 0.00	86.83 -0.35 0.00	92.83 -2.58 0.00	116.77 -5.01 0.32	141.19 -6.22 0.67	200.20 -8.40 1.50	236.29 -9.16 2.01	294.55 -10.15 2.82	333.05 -11.12 3.35	287.38 -9.03 14.93	205.86 -5.29 9.11	135.50 -3.71 3.33	90.75 0.00 0.00	74.35 0.66 0.00
LACHUTE____HYDRO 323717	62.70 5.18 0.00	57.78 4.38 0.00	52.16 3.91 0.00	50.00 3.58 0.00	49.74 3.51 0.00	52.69 3.72 0.00	56.34 4.08 0.00	59.71 4.17 0.00	63.57 4.21 0.00	69.33 4.17 0.00	81.87 4.99 0.00	93.63 6.45 0.00	103.24 7.83 0.00	132.83 10.75 0.00	160.36 12.28 0.00	245.19 19.54 -15.54	286.09 23.52 -15.12	354.65 31.38 -15.75	393.64 42.38 -3.73	351.20 39.86 0.00	249.78 29.52 0.00	162.21 19.68 0.00	100.91 10.16 0.00	80.84 7.15 0.00
LAWRNCV_115KV_TB1 80681	57.75 0.23 0.00	53.78 0.37 0.00	48.16 -0.10 0.00	46.47 0.05 0.00	46.41 0.18 0.00	49.50 0.54 0.00	52.94 0.68 0.00	56.32 0.78 0.00	59.65 0.30 0.00	65.49 0.33 0.00	76.34 -0.54 0.00	85.96 -1.22 0.00	91.50 -3.91 0.00	95.42 -9.28 17.39	100.33 -11.11 36.64	112.53 -15.34 82.24	120.17 -17.07 110.20	132.57 -20.30 154.65	141.11 -22.59 183.82	114.19 -19.30 177.85	104.21 -12.55 103.50	96.56 -8.12 37.85	90.57 -0.18 0.00	74.50 0.81 0.00
LEDERLE____ 23769	59.88 2.36 0.00	55.65 2.24 0.00	50.62 2.36 0.00	48.61 2.18 0.00	48.26 2.03 0.00	50.83 1.86 0.00	54.36 2.09 0.00	57.71 2.17 0.00	61.43 2.08 0.00	67.57 2.41 0.00	80.34 3.46 0.00	92.06 4.88 0.00	102.38 6.96 0.00	132.59 10.50 0.00	162.00 13.92 0.00	234.42 20.80 -3.52	310.97 24.99 -38.53	368.77 31.06 -30.19	381.73 33.36 -0.85	339.67 28.33 0.00	237.88 17.62 0.00	151.80 9.26 0.00	95.02 4.27 0.00	75.61 1.92 0.00
LIGHTHSE_115KV_TB6 355974	57.93 0.40 0.00	53.62 0.21 0.00	48.35 0.10 0.00	46.47 0.05 0.00	46.36 0.14 0.00	49.16 0.20 0.00	52.58 0.31 0.00	55.93 0.39 0.00	59.83 0.47 0.00	65.55 0.39 0.00	77.41 0.54 0.00	88.22 1.05 0.00	97.03 1.62 0.00	121.88 1.34 1.55	145.99 1.18 3.27	204.02 1.26 7.34	238.35 0.74 9.84	295.25 1.54 13.81	334.93 3.82 16.41	315.68 5.29 0.95	225.31 5.07 0.01	146.23 3.71 0.01	93.02 2.27 0.00	75.16 1.47 0.00
LINDEN COGEN____ 23786	54.05 2.30 5.78	52.07 2.19 3.52	50.72 2.46 0.00	48.79 2.37 0.00	48.40 2.17 0.00	50.97 2.01 0.01	51.90 2.25 2.61	52.13 2.11 5.53	53.96 2.13 7.53	57.80 2.54 9.89	66.63 3.38 13.62	79.04 4.79 12.93	95.30 7.06 7.17	117.48 10.75 15.35	145.61 14.52 16.99	226.03 21.01 5.08	289.93 25.25 -17.23	372.14 31.05 -33.58	376.21 33.70 5.01	339.35 28.03 0.02	229.52 16.96 7.70	119.81 8.41 31.14	77.37 3.90 17.28	56.55 1.33 18.47
LINDHRST_69_KV_BK1 356055	60.86 3.34 0.00	57.36 3.95 0.00	52.41 4.15 0.00	49.95 3.53 0.00	49.60 3.37 0.00	52.20 3.23 0.00	55.72 3.45 0.00	59.10 3.55 0.00	61.54 2.20 0.01	67.43 2.28 0.01	81.65 4.77 -0.01	97.21 6.97 -3.06	106.57 10.11 -1.04	143.53 14.65 -6.79	180.55 19.10 -13.36	303.27 27.94 -65.22	343.86 32.66 -63.74	393.52 40.59 -45.41	393.73 45.18 -1.03	339.79 36.43 7.98	240.14 24.67 4.79	152.90 12.40 2.04	95.74 4.99 0.00	71.96 3.46 5.19
LIPA_MISC_IPP 23656	60.17 2.65 0.00	56.71 3.31 0.00	51.83 3.57 0.00	49.40 2.97 0.00	49.00 2.77 0.00	51.56 2.60 0.00	55.04 2.77 0.00	58.38 2.83 0.00	60.65 1.31 0.01	66.25 1.11 0.02	80.49 3.61 0.00	94.27 5.75 -1.34	104.65 8.78 -0.46	136.25 13.06 -1.10	172.44 17.03 -7.33	292.88 24.37 -58.41	330.19 25.73 -57.00	378.43 32.60 -38.31	377.19 36.14 6.48	328.61 27.40 10.13	234.66 20.48 6.08	149.93 9.98 2.59	94.11 3.36 0.00	68.93 1.84 6.60
LISF____SOLAR 323691	60.11 2.59 0.00	56.87 3.47 0.00	51.88 3.62 0.00	49.49 3.06 0.00	49.05 2.82 0.00	51.66 2.69 0.00	55.14 2.87 0.00	57.66 2.11 0.00	60.59 1.25 0.01	66.38 1.23 0.02	80.49 3.61 0.00	94.54 6.01 -1.36	105.04 9.16 -0.47	136.92 13.67 -1.16	173.09 17.61 -7.40	293.58 24.99 -58.48	331.26 26.73 -57.07	380.04 34.13 -38.39	378.67 37.54 6.39	329.86 28.62 10.10	235.80 21.60 6.06	150.65 10.70 2.58	94.65 3.90 0.00	69.17 2.06 6.58
LITTLE FALLS____HYD 24013	59.31 1.78 0.00	54.95 1.55 0.00	49.70 1.45 0.00	47.77 1.35 0.00	47.61 1.39 0.00	50.43 1.47 0.00	53.94 1.67 0.00	57.21 1.67 0.00	61.13 1.78 0.00	67.05 1.89 0.00	79.11 2.23 0.00	89.97 2.79 0.00	98.75 3.34 0.00	126.16 4.40 0.33	152.73 5.33 0.69	216.13 7.56 1.54	253.80 8.41 2.06	315.39 10.76 2.89	356.94 12.86 3.44	323.28 12.14 0.20	229.06 8.81 0.00	148.52 5.99 0.00	94.02 3.27 0.00	76.12 2.43 0.00

LITTLRIV_115KV_TB1 356100	58.67 1.15 0.00	54.58 1.17 0.00	48.88 0.63 0.00	47.17 0.74 0.00	47.10 0.88 0.00	50.34 1.37 0.00	53.83 1.57 0.00	57.16 1.61 0.00	60.42 1.07 0.00	66.14 0.98 0.00	77.03 0.15 0.00	86.57 -0.61 0.00	92.07 -3.34 0.00	97.07 -8.42 16.59	102.91 -10.22 34.96	117.78 -13.87 78.46	127.22 -15.09 105.13	143.07 -16.91 147.53	154.43 -17.72 175.37	123.69 -13.70 173.95	110.72 -8.15 101.38	100.18 -5.27 37.08	92.29 1.54 0.00	75.90 2.21 0.00
LI_NEWBRDGE___DRP 323616	59.82 2.30 0.00	56.34 2.94 0.00	51.49 3.23 0.00	49.17 2.74 0.00	48.81 2.59 0.00	51.37 2.40 0.00	54.83 2.56 0.00	58.10 2.56 0.00	60.59 1.25 0.01	66.45 1.30 0.02	80.26 3.38 0.00	92.64 5.14 -0.31	103.35 7.82 -0.12	130.93 11.48 2.63	166.39 15.10 -3.21	286.40 22.06 -54.23	325.95 26.23 -52.27	372.92 32.60 -32.81	371.42 36.14 12.24	327.72 28.95 12.57	231.87 19.16 7.55	148.59 9.26 3.21	94.02 3.27 0.00	68.48 2.21 7.42
LOCKPORT_115KV_TB60_63_64 80432	57.98 0.46 0.00	53.14 -0.27 0.00	47.73 -0.53 0.00	45.59 -0.84 0.00	45.35 -0.88 0.00	47.74 -1.22 0.00	50.02 -2.25 0.00	53.38 -2.17 0.00	58.88 -0.47 0.00	65.49 0.33 0.00	77.72 0.85 0.00	89.18 2.01 0.00	100.18 4.77 0.00	126.61 4.52 0.00	151.19 3.11 0.00	209.90 -0.21 0.00	241.02 -6.43 0.00	295.83 -11.69 0.00	335.01 -12.51 0.00	301.37 -9.96 0.00	217.39 -2.86 0.00	145.96 3.42 0.00	91.84 1.09 0.00	76.05 2.36 0.00
LOCKPORT___CC1 323769	57.70 0.17 0.00	52.87 -0.53 0.00	47.53 -0.72 0.00	45.36 -1.07 0.00	45.35 -0.88 0.00	47.50 -1.47 0.00	49.81 -2.46 0.00	53.77 -1.78 0.00	58.70 -0.65 0.00	65.29 0.13 0.00	77.49 0.61 0.00	88.83 1.65 0.00	99.90 4.49 0.00	125.75 3.66 0.00	150.00 1.92 0.00	208.85 -1.25 0.00	240.03 -7.42 0.00	294.61 -12.90 0.00	334.32 -13.21 0.00	299.82 -11.51 0.00	216.30 -3.96 0.00	145.24 2.70 0.00	91.47 0.72 0.00	75.83 2.14 0.00
LOCKPORT___CC2 323770	57.70 0.17 0.00	52.87 -0.53 0.00	47.53 -0.72 0.00	45.36 -1.07 0.00	45.35 -0.88 0.00	47.50 -1.47 0.00	49.81 -2.46 0.00	53.77 -1.78 0.00	58.70 -0.65 0.00	65.29 0.13 0.00	77.49 0.61 0.00	88.83 1.65 0.00	99.90 4.49 0.00	125.75 3.66 0.00	150.00 1.92 0.00	208.85 -1.25 0.00	240.03 -7.42 0.00	294.61 -12.90 0.00	334.32 -13.21 0.00	299.82 -11.51 0.00	216.30 -3.96 0.00	145.24 2.70 0.00	91.47 0.72 0.00	75.83 2.14 0.00
LOCKPORT___CC3 323771	57.70 0.17 0.00	52.87 -0.53 0.00	47.53 -0.72 0.00	45.36 -1.07 0.00	45.35 -0.88 0.00	47.50 -1.47 0.00	49.81 -2.46 0.00	53.77 -1.78 0.00	58.70 -0.65 0.00	65.29 0.13 0.00	77.49 0.61 0.00	88.83 1.65 0.00	99.90 4.49 0.00	125.75 3.66 0.00	150.00 1.92 0.00	208.85 -1.25 0.00	240.03 -7.42 0.00	294.61 -12.90 0.00	334.32 -13.21 0.00	299.82 -11.51 0.00	216.30 -3.96 0.00	145.24 2.70 0.00	91.47 0.72 0.00	75.83 2.14 0.00
LOCUSVLY_69_KV_BK2 55797	60.51 2.99 0.00	56.82 3.42 0.00	51.88 3.62 0.00	49.58 3.16 0.00	49.23 3.00 0.00	51.81 2.84 0.00	55.35 3.08 0.00	58.71 3.17 0.00	61.54 2.20 0.00	67.50 2.35 0.01	81.41 4.54 0.00	98.77 6.63 -4.96	106.54 9.45 -1.68	149.68 13.92 -13.68	187.38 18.36 -20.94	313.46 26.89 -76.46	353.97 31.67 -74.84	404.06 39.05 -57.49	401.76 42.75 -11.49	342.81 35.18 3.71	240.94 22.91 2.23	153.28 11.69 0.95	95.47 4.72 0.00	74.27 2.95 2.37
LONG_LAKE_PHOENIX 24014	56.95 -0.58 0.00	52.71 -0.69 0.00	47.58 -0.68 0.00	45.73 -0.70 0.00	45.49 -0.74 0.00	48.13 -0.83 0.00	51.43 -0.84 0.00	54.71 -0.83 0.00	58.70 -0.65 0.00	64.51 -0.65 0.00	76.49 -0.38 0.00	87.09 -0.09 0.00	96.08 0.67 0.00	122.55 0.98 0.52	147.88 0.89 1.09	208.49 0.84 2.45	244.41 0.25 3.29	302.91 0.00 4.61	342.39 0.35 5.48	311.95 0.93 0.32	221.80 1.54 0.00	144.10 1.57 0.00	90.84 0.09 0.00	73.54 -0.15 0.00
LOVETT___3 23632	59.48 1.96 0.00	55.27 1.87 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.03 1.80 0.00	50.58 1.62 0.00	54.09 1.83 0.00	57.38 1.83 0.00	61.01 1.66 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.27 4.10 0.00	101.42 6.01 0.00	131.37 9.28 0.00	160.52 12.44 0.00	232.18 18.49 -3.59	310.78 22.27 -41.06	367.01 27.37 -32.12	378.27 29.89 -0.86	336.24 24.91 0.00	235.67 15.42 0.00	150.37 7.84 0.00	94.20 3.45 0.00	74.94 1.25 0.00
LOVETT___4 23642	59.48 1.96 0.00	55.27 1.87 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.03 1.80 0.00	50.58 1.62 0.00	54.09 1.83 0.00	57.38 1.83 0.00	61.01 1.66 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.27 4.10 0.00	101.42 6.01 0.00	131.37 9.28 0.00	160.52 12.44 0.00	232.18 18.49 -3.59	310.78 22.27 -41.06	367.01 27.37 -32.12	378.27 29.89 -0.86	336.24 24.91 0.00	235.67 15.42 0.00	150.37 7.84 0.00	94.20 3.45 0.00	74.94 1.25 0.00
LOVETT___5 23593	59.48 1.96 0.00	55.27 1.87 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.03 1.80 0.00	50.58 1.62 0.00	54.09 1.83 0.00	57.38 1.83 0.00	61.01 1.66 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.27 4.10 0.00	101.42 6.01 0.00	131.37 9.28 0.00	160.52 12.44 0.00	232.18 18.49 -3.59	310.78 22.27 -41.06	367.01 27.37 -32.12	378.27 29.89 -0.86	336.24 24.91 0.00	235.67 15.42 0.00	150.37 7.84 0.00	94.20 3.45 0.00	74.94 1.25 0.00
LOWER RAQUET___HYD 24057	57.75 0.23 0.00	53.78 0.38 0.00	48.16 -0.10 0.00	46.47 0.05 0.00	46.41 0.19 0.00	49.56 0.59 0.00	53.05 0.79 0.00	56.38 0.83 0.00	59.59 0.24 0.00	65.36 0.20 0.00	76.26 -0.62 0.00	85.78 -1.40 0.00	90.55 -4.86 0.00	96.60 -9.65 15.84	103.01 -11.70 33.37	119.03 -16.17 74.90	129.03 -18.05 100.37	145.45 -21.21 140.85	156.82 -23.28 167.42	121.45 -19.60 170.28	108.08 -12.78 99.40	98.06 -8.12 36.35	90.48 -0.27 0.00	74.64 0.96 0.00
LOWER___HUDSON 24059	59.48 1.96 0.00	55.11 1.71 0.00	49.85 1.59 0.00	47.96 1.53 0.00	47.70 1.48 0.00	50.34 1.37 0.00	53.83 1.57 0.00	56.93 1.39 0.00	60.66 1.30 0.00	66.34 1.17 0.00	78.65 1.77 0.00	89.71 2.53 0.00	99.04 3.62 0.00	127.71 5.62 0.00	155.04 6.96 0.00	248.51 10.92 -27.48	289.04 13.11 -28.49	353.29 16.59 -29.18	373.23 19.10 -6.60	328.14 16.80 0.00	231.70 11.45 0.00	149.80 7.27 0.00	94.01 3.26 0.00	75.68 1.99 0.00
LOWVILLE_115KV_TB2 356335	59.08 1.55 0.00	54.69 1.28 0.00	49.22 0.97 0.00	47.49 1.07 0.00	47.57 1.34 0.00	50.68 1.71 0.00	54.46 2.20 0.00	58.21 2.67 0.00	61.96 2.61 0.00	67.44 2.28 0.00	79.18 2.31 0.00	90.05 2.88 0.00	98.37 2.96 0.00	119.32 1.71 4.48	140.56 1.93 9.44	191.86 2.94 21.19	223.02 3.96 28.39	274.44 6.77 39.84	311.29 11.12 47.36	321.05 12.45 2.74	230.59 10.35 0.02	149.35 6.84 0.02	95.38 4.63 0.00	76.86 3.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	60.40 2.88 0.00	55.91 2.51 0.00	50.62 2.36 0.00	48.61 2.18 0.00	48.35 2.13 0.00	51.07 2.11 0.00	54.62 2.35 0.00	57.82 2.28 0.00	61.55 2.20 0.00	67.31 2.15 0.00	79.64 2.77 0.00	90.93 3.75 0.00	100.18 4.77 0.00	129.05 6.96 0.00	156.37 8.29 0.00	239.83 13.24 -16.49	279.47 15.84 -16.18	344.63 20.30 -16.82	376.51 25.02 -3.96	334.06 22.73 0.00	236.33 16.08 0.00	153.08 10.55 0.00	95.92 5.17 0.00	77.23 3.54 0.00

LUTHERNY_35_KV_BK2 355980	60.46 2.93 0.00	55.97 2.56 0.00	50.62 2.36 0.00	48.65 2.23 0.00	48.40 2.17 0.00	51.12 2.15 0.00	54.67 2.40 0.00	57.88 2.33 0.00	61.61 2.26 0.00	67.31 2.15 0.00	79.72 2.84 0.00	90.93 3.75 0.00	100.28 4.87 0.00	129.17 7.08 0.00	156.52 8.44 0.00	240.04 13.45 -16.49	279.71 16.08 -16.18	344.94 20.60 -16.82	377.20 25.72 -3.96	334.37 23.04 0.00	236.56 16.30 0.00	153.23 10.69 0.00	96.11 5.35 0.00	77.30 3.61 0.00
LWR___OSWEGATCHIE_HYD 23850	58.50 0.98 0.00	54.26 0.85 0.00	48.74 0.48 0.00	46.98 0.56 0.00	47.01 0.79 0.00	50.14 1.18 0.00	53.78 1.52 0.00	57.27 1.72 0.00	60.72 1.37 0.00	66.33 1.17 0.00	77.65 0.77 0.00	87.87 0.70 0.00	94.93 -0.48 0.00	107.21 -4.15 10.73	120.45 -5.03 22.60	152.45 -6.93 50.72	172.06 -7.42 67.97	204.45 -7.69 95.38	228.25 -5.91 113.37	301.35 -3.42 6.56	219.32 -0.88 0.05	142.05 -0.43 0.06	93.29 2.54 0.00	75.97 2.28 0.00
LYONS_FALL_HYD 23570	59.13 1.61 0.00	54.74 1.34 0.00	49.37 1.11 0.00	47.54 1.11 0.00	47.61 1.39 0.00	50.58 1.61 0.00	54.30 2.04 0.00	57.93 2.39 0.00	61.73 2.38 0.00	67.25 2.08 0.00	79.11 2.23 0.00	90.14 2.97 0.00	97.80 2.39 0.00	122.18 3.05 2.97	145.54 3.70 6.25	201.54 5.45 14.02	235.34 6.68 18.79	290.69 9.54 26.37	329.38 13.20 31.35	323.21 13.68 1.81	231.03 10.79 0.01	149.50 6.98 0.02	95.02 4.27 0.00	76.64 2.95 0.00
MADISON___COUNTY_LFGE 323628	59.54 2.01 0.00	55.11 1.71 0.00	49.75 1.50 0.00	47.82 1.39 0.00	47.71 1.48 0.00	50.58 1.62 0.00	54.15 1.88 0.00	57.54 2.00 0.00	61.61 2.26 0.00	66.79 1.63 0.00	78.88 2.00 0.00	89.97 2.79 0.00	99.04 3.63 0.00	126.20 5.01 0.90	152.27 6.07 1.89	214.49 8.61 4.23	251.68 9.90 5.67	312.17 12.61 7.96	354.05 15.99 9.46	326.04 15.26 0.55	231.93 11.67 0.00	150.37 7.84 0.00	94.65 3.90 0.00	76.42 2.73 0.00
MALONE___115KV_TB1 356076	57.06 -0.46 0.00	53.24 -0.16 0.00	47.97 -0.29 0.00	46.38 -0.05 0.00	46.36 0.14 0.00	49.31 0.34 0.00	52.79 0.52 0.00	56.49 0.94 0.00	60.18 0.83 0.00	66.27 1.11 0.00	77.49 0.62 0.00	87.18 0.00 0.00	93.03 -2.39 0.00	111.52 -5.49 5.08	130.57 -6.81 10.70	176.85 -9.24 24.01	205.13 -10.15 32.17	250.99 -11.38 45.15	281.35 -12.51 53.67	238.80 -9.96 62.57	177.51 -5.95 36.80	125.09 -3.99 13.46	91.30 0.54 0.00	74.87 1.18 0.00
MAPLEWOD_115KV_TB3 80458	58.90 1.38 0.00	54.58 1.17 0.00	49.46 1.21 0.00	47.59 1.16 0.00	47.34 1.11 0.00	49.90 0.93 0.00	53.42 1.15 0.00	56.49 0.94 0.00	60.18 0.83 0.00	65.81 0.65 0.00	78.11 1.23 0.00	89.01 1.83 0.00	98.18 2.77 0.00	126.73 4.64 0.00	153.71 5.63 -29.82	248.96 9.03 -31.20	289.53 10.89 -31.88	353.23 13.84 -7.17	370.33 15.64 0.00	325.03 13.70 0.00	229.29 9.03 0.00	148.09 5.56 0.00	93.02 2.27 0.00	74.87 1.18 0.00
MAPLE_RIDGE_WT_1 323574	56.60 -0.92 0.00	52.60 -0.80 0.00	47.53 -0.72 0.00	45.87 -0.56 0.00	45.76 -0.46 0.00	48.63 -0.34 0.00	52.01 -0.26 0.00	55.38 -0.17 0.00	59.23 -0.12 0.00	65.10 -0.07 0.00	76.49 -0.38 0.00	86.48 -0.70 0.00	94.27 -1.14 0.00	120.66 -1.83 -0.40	146.71 -2.22 -0.84	209.06 -2.94 -1.89	246.52 -3.46 -2.54	307.07 -4.01 -3.56	347.60 -4.15 -4.23	307.86 -3.72 -0.24	217.84 -2.42 0.00	140.68 -1.86 0.00	89.93 -0.82 0.00	73.02 -0.66 0.00
MAPLE_RIDGE_WT_2 323611	56.60 -0.92 0.00	52.60 -0.80 0.00	47.53 -0.72 0.00	45.87 -0.56 0.00	45.76 -0.46 0.00	48.63 -0.34 0.00	52.01 -0.26 0.00	55.38 -0.17 0.00	59.23 -0.12 0.00	65.10 -0.07 0.00	76.49 -0.38 0.00	86.48 -0.70 0.00	94.27 -1.14 0.00	120.66 -1.83 -0.40	146.71 -2.22 -0.84	209.06 -2.94 -1.89	246.52 -3.46 -2.54	307.07 -4.01 -3.56	347.60 -4.15 -4.23	307.86 -3.72 -0.24	217.84 -2.42 0.00	140.68 -1.86 0.00	89.93 -0.82 0.00	73.02 -0.66 0.00
MARBLE_RIVER_WT_PWR 323696	55.97 -1.55 0.00	52.23 -1.18 0.00	47.29 -0.96 0.00	45.78 -0.65 0.00	45.72 -0.51 0.00	48.57 -0.39 0.00	51.95 -0.31 0.00	55.55 0.00 0.00	59.35 0.00 0.00	65.29 0.13 0.00	76.49 -0.38 0.00	85.96 -1.22 0.00	92.07 -3.34 0.00	116.35 -5.74 0.00	141.12 -6.96 0.00	200.44 -9.66 0.00	236.82 -10.63 0.00	295.21 -12.31 0.00	333.96 -13.56 0.00	288.22 -11.51 11.61	205.59 -7.49 7.18	134.79 -5.13 2.62	89.67 -1.08 0.00	73.54 -0.15 0.00
MARSHVLE_115KV_TB1 80742	61.15 3.62 0.00	56.55 3.15 0.00	51.15 2.90 0.00	49.21 2.79 0.00	49.05 2.82 0.00	51.95 2.99 0.00	55.30 3.03 0.00	57.93 2.39 0.00	61.31 1.96 0.00	66.66 1.50 0.00	79.26 2.38 0.00	90.58 3.40 0.00	99.80 4.39 0.00	128.31 6.23 0.00	155.63 7.55 0.00	229.01 11.35 -7.56	267.23 12.87 -6.91	332.68 17.84 -7.32	375.40 26.06 -1.82	339.04 27.71 0.00	241.62 21.36 0.00	156.93 14.40 0.00	98.10 7.35 0.00	78.70 5.01 0.00
MARSH_HILL_WT_PWR 323713	59.54 2.01 0.00	54.68 1.28 0.00	49.32 1.06 0.00	47.21 0.79 0.00	47.10 0.88 0.00	49.65 0.69 0.00	52.73 0.47 0.00	56.32 0.78 0.00	60.78 1.42 0.00	67.31 2.15 0.00	80.03 3.15 0.00	91.45 4.27 0.00	102.09 6.68 0.00	129.41 7.32 0.00	155.19 7.11 0.00	218.09 7.98 0.00	253.38 5.93 0.00	314.27 6.76 0.00	358.31 10.79 0.00	323.16 11.83 0.00	232.14 11.89 0.00	153.51 10.98 0.00	96.10 5.35 0.00	78.85 5.16 0.00
MCINTYRE_115KV_TB2 80467	59.08 1.55 0.00	54.95 1.55 0.00	49.17 0.92 0.00	47.45 1.02 0.00	47.38 1.16 0.00	50.63 1.66 0.00	54.15 1.88 0.00	57.43 1.89 0.00	60.66 1.31 0.00	66.46 1.30 0.00	77.26 0.38 0.00	86.74 -0.44 0.00	92.26 -3.15 0.00	96.11 -8.18 17.80	100.80 -9.77 37.50	112.70 -13.24 84.17	120.55 -14.10 112.79	133.86 -15.38 158.28	144.09 -15.29 188.14	120.60 -10.90 179.84	109.73 -5.95 104.58	100.15 -4.13 38.25	92.93 2.18 0.00	76.42 2.73 0.00
MECO_____69_KV_BK1 80468	62.24 4.72 0.00	57.52 4.11 0.00	52.02 3.76 0.00	50.00 3.57 0.00	49.83 3.61 0.00	52.79 3.82 0.00	56.34 4.08 0.00	59.32 3.78 0.00	62.91 3.56 0.00	68.35 3.19 0.00	81.18 4.31 0.00	92.67 5.49 0.00	102.09 6.68 0.00	131.24 9.16 0.00	158.89 10.81 0.00	235.03 16.81 -8.11	274.25 19.55 -7.25	341.70 26.45 -7.74	384.92 35.45 -1.95	346.20 34.87 0.00	246.25 25.99 0.00	159.78 17.25 0.00	99.83 9.08 0.00	80.03 6.34 0.00
MENANDS___115KV_TB5 355628	58.44 0.92 0.00	54.20 0.80 0.00	49.12 0.87 0.00	47.26 0.84 0.00	47.01 0.79 0.00	49.55 0.59 0.00	53.00 0.73 0.00	56.05 0.50 0.00	59.71 0.36 0.00	65.29 0.13 0.00	77.49 0.62 0.00	88.31 1.13 0.00	97.41 2.00 0.00	125.75 3.66 0.00	152.67 4.59 0.00	242.91 7.35 -25.45	282.56 8.91 -26.20	345.47 11.07 -26.89	366.15 12.51 -6.12	321.92 10.59 0.00	227.08 6.83 0.00	146.67 4.13 0.00	92.11 1.36 0.00	74.21 0.52 0.00
MG INDUSTRY___DRP 24185	57.29 -0.23 0.00	53.19 -0.21 0.00	48.26 0.00 0.00	46.43 0.00 0.00	46.18 -0.05 0.00	48.72 -0.24 0.00	52.00 -0.26 0.00	54.82 -0.72 0.00	58.23 -1.13 0.00	63.60 -1.56 0.00	75.34 -1.54 0.00	85.59 -1.39 0.20	91.69 -1.05 2.67	117.90 -0.37 3.82	136.51 -0.44 11.12	158.26 0.21 52.06	180.36 0.49 67.59	224.62 1.23 84.13	341.67 2.43 8.29	313.19 1.87 0.02	221.34 1.10 0.02	133.79 0.71 9.46	90.12 -0.64 0.00	72.73 -0.96 0.00

MID___OSWEGATCHIE_HYD 23849	58.50 0.98 0.00	54.26 0.85 0.00	48.74 0.48 0.00	46.98 0.56 0.00	47.01 0.79 0.00	50.14 1.18 0.00	53.78 1.52 0.00	57.27 1.72 0.00	60.72 1.37 0.00	66.33 1.17 0.00	77.65 0.77 0.00	87.87 0.70 0.00	94.93 -0.48 0.00	107.21 -4.15 10.73	120.45 -5.03 22.60	152.45 -6.93 50.72	172.06 -7.42 67.97	204.45 -7.69 95.38	228.25 -5.91 113.37	301.35 -3.42 6.56	219.32 -0.88 0.05	142.05 -0.43 0.06	93.29 2.54 0.00	75.97 2.28 0.00
MID___RAQUETTE_HYD 23851	57.75 0.23 0.00	53.78 0.37 0.00	48.16 -0.10 0.00	46.47 0.05 0.00	46.41 0.18 0.00	49.55 0.59 0.00	53.05 0.78 0.00	56.38 0.83 0.00	59.59 0.24 0.00	65.36 0.20 0.00	76.18 -0.69 0.00	85.78 -1.39 0.00	91.21 -4.20 0.00	96.60 -9.64 15.84	103.01 -11.70 33.37	119.03 -16.18 74.90	129.02 -18.06 100.37	145.45 -21.22 140.85	156.82 -23.28 167.42	121.44 -19.61 170.28	108.08 -12.77 99.40	98.06 -8.12 36.35	90.66 -0.09 0.00	74.65 0.96 0.00
MILLIKEN___1 23584	59.19 1.67 0.00	54.74 1.34 0.00	49.41 1.16 0.00	47.45 1.02 0.00	47.24 1.02 0.00	49.99 1.03 0.00	53.36 1.10 0.00	56.71 1.17 0.00	60.90 1.54 0.00	66.86 1.69 0.00	79.18 2.31 0.00	90.32 3.14 0.00	99.80 4.39 0.00	127.56 5.74 0.27	154.02 6.52 0.57	217.65 8.82 1.28	255.38 9.65 1.72	317.41 12.30 2.41	360.29 15.64 2.87	326.75 15.57 0.16	232.59 12.33 0.00	151.37 8.84 0.00	95.02 4.27 0.00	76.93 3.24 0.00
MILLIKEN___2 23585	59.19 1.67 0.00	54.74 1.34 0.00	49.41 1.16 0.00	47.45 1.02 0.00	47.24 1.02 0.00	49.99 1.03 0.00	53.36 1.10 0.00	56.71 1.17 0.00	60.90 1.54 0.00	66.86 1.69 0.00	79.18 2.31 0.00	90.32 3.14 0.00	99.80 4.39 0.00	127.56 5.74 0.27	154.02 6.52 0.57	217.65 8.82 1.28	255.38 9.65 1.72	317.41 12.30 2.41	360.29 15.64 2.87	326.75 15.57 0.16	232.59 12.33 0.00	151.37 8.84 0.00	95.02 4.27 0.00	76.93 3.24 0.00
MILLIKEN___DIESEL 23629	59.19 1.67 0.00	54.74 1.34 0.00	49.41 1.16 0.00	47.45 1.02 0.00	47.24 1.02 0.00	49.99 1.03 0.00	53.36 1.10 0.00	56.71 1.17 0.00	60.90 1.54 0.00	66.86 1.69 0.00	79.18 2.31 0.00	90.32 3.14 0.00	99.80 4.39 0.00	127.56 5.74 0.27	154.02 6.52 0.57	217.65 8.82 1.28	255.38 9.65 1.72	317.41 12.30 2.41	360.29 15.64 2.87	326.75 15.57 0.16	232.59 12.33 0.00	151.37 8.84 0.00	95.02 4.27 0.00	76.93 3.24 0.00
MILLSEAT___LFGE 323607	59.31 1.79 0.00	54.26 0.85 0.00	48.79 0.53 0.00	46.57 0.14 0.00	46.50 0.28 0.00	48.77 -0.20 0.00	51.22 -1.04 0.00	55.38 -0.17 0.00	60.36 1.01 0.00	66.46 1.30 0.00	78.95 2.08 0.00	90.67 3.49 0.00	101.80 6.39 0.00	128.43 6.34 0.00	153.40 5.32 0.00	213.89 3.79 0.00	246.96 -0.49 0.00	303.84 -3.68 0.00	345.45 -2.07 0.00	310.40 -0.93 0.00	223.34 3.08 0.00	149.52 6.98 0.00	93.93 3.17 0.00	77.30 3.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	59.82 2.30 0.00	55.59 2.19 0.00	50.62 2.36 0.00	48.61 2.18 0.00	48.31 2.08 0.00	50.88 1.91 0.00	54.36 2.09 0.00	57.71 2.17 0.00	61.37 2.02 0.00	67.44 2.28 0.00	80.18 3.31 0.00	91.80 4.62 0.00	101.99 6.58 0.00	132.10 10.01 0.00	161.41 13.33 0.00	233.88 19.96 -3.81	321.51 23.76 -50.30	376.24 29.52 -39.20	380.41 31.97 -0.92	338.11 26.77 0.00	237.00 16.74 0.00	151.37 8.84 0.00	94.74 3.99 0.00	75.38 1.69 0.00
MILLWOOD_13_KV_LOAD 356217	60.05 2.53 0.00	55.75 2.35 0.00	50.81 2.56 0.00	48.79 2.37 0.00	48.44 2.22 0.00	51.02 2.06 0.00	54.57 2.30 0.00	57.88 2.33 0.00	61.61 2.26 0.00	67.70 2.54 0.00	80.49 3.61 0.00	92.15 4.97 0.00	102.57 7.16 0.00	132.83 10.74 0.00	162.30 14.22 0.00	235.14 21.22 -3.81	323.24 25.49 -50.30	378.08 31.37 -39.20	382.50 34.06 -0.92	339.98 28.64 0.00	238.10 17.84 0.00	152.09 9.55 0.00	95.20 4.45 0.00	75.68 1.99 0.00
MODEL_CITY_ENERGY 24167	57.64 0.12 0.00	52.87 -0.53 0.00	47.53 -0.72 0.00	45.36 -1.07 0.00	45.35 -0.88 0.00	47.50 -1.47 0.00	49.65 -2.61 0.00	53.43 -2.11 0.00	58.34 -1.01 0.00	64.97 -0.19 0.00	77.11 0.23 0.00	88.49 1.31 0.00	99.42 4.01 0.00	125.14 3.05 0.00	149.41 1.33 0.00	208.01 -2.10 0.00	238.78 -8.67 0.00	293.07 -14.45 0.00	332.24 -15.28 0.00	297.96 -13.38 0.00	214.97 -5.29 0.00	144.53 1.99 0.00	91.12 0.36 0.00	75.46 1.77 0.00
MODERN_LFGE___ 323580	57.64 0.12 0.00	52.87 -0.53 0.00	47.53 -0.72 0.00	45.36 -1.07 0.00	45.35 -0.88 0.00	47.50 -1.47 0.00	49.65 -2.61 0.00	53.43 -2.11 0.00	58.34 -1.01 0.00	64.97 -0.19 0.00	77.11 0.23 0.00	88.49 1.31 0.00	99.42 4.01 0.00	125.14 3.05 0.00	149.41 1.33 0.00	208.01 -2.10 0.00	238.78 -8.67 0.00	293.07 -14.45 0.00	332.24 -15.28 0.00	297.96 -13.38 0.00	214.97 -5.29 0.00	144.53 1.99 0.00	91.12 0.36 0.00	75.46 1.77 0.00
MOHAWK_PAPER___DRP 24187	58.90 1.38 0.00	54.58 1.17 0.00	49.46 1.21 0.00	47.59 1.16 0.00	47.34 1.11 0.00	49.90 0.93 0.00	53.42 1.15 0.00	56.49 0.94 0.00	60.18 0.83 0.00	65.81 0.65 0.00	78.11 1.23 0.00	89.01 1.83 0.00	98.18 2.77 0.00	126.73 4.64 0.00	153.71 5.63 0.00	248.96 9.03 -29.82	289.53 10.89 -31.20	353.23 13.84 -31.88	370.33 15.64 -7.17	325.03 13.70 0.00	229.29 9.03 0.00	148.09 5.56 0.00	93.02 2.27 0.00	74.87 1.18 0.00
MOHICAN___35_KV_115KV_LD 80490	60.63 3.11 0.00	56.07 2.67 0.00	50.72 2.46 0.00	48.65 2.23 0.00	48.40 2.17 0.00	51.17 2.20 0.00	54.77 2.51 0.00	58.10 2.56 0.00	61.85 2.49 0.00	67.51 2.35 0.00	79.64 2.77 0.00	90.93 3.75 0.00	100.18 4.77 0.00	128.93 6.84 0.00	156.08 8.00 0.00	239.28 13.24 -15.94	279.09 16.08 -15.56	344.62 20.91 -16.19	379.85 28.50 -3.83	337.49 26.15 0.00	239.20 18.94 0.00	154.94 12.40 0.00	96.83 6.08 0.00	77.74 4.05 0.00
MONGAUP___HYD 23641	60.11 2.59 0.00	55.81 2.41 0.00	50.57 2.32 0.00	48.61 2.18 0.00	48.26 2.03 0.00	50.93 1.96 0.00	54.41 2.14 0.00	57.49 1.94 0.00	61.13 1.78 0.00	67.05 1.89 0.00	79.41 2.53 0.00	90.84 3.66 0.00	100.94 5.53 0.00	129.66 7.57 0.00	158.15 10.07 0.00	228.70 15.55 -3.05	289.46 18.05 -23.95	350.53 24.00 -19.01	375.71 27.45 -0.74	335.63 24.30 0.00	236.12 15.87 0.00	152.36 9.83 0.00	96.01 5.26 0.00	76.64 2.95 0.00
MONTAUK___DIESEL 23721	62.93 5.41 0.00	59.12 5.71 0.00	53.90 5.65 0.00	51.25 4.83 0.00	50.80 4.58 0.00	53.47 4.50 0.00	56.81 4.55 0.00	60.60 5.05 0.00	63.50 4.15 0.01	69.64 4.50 0.02	85.11 8.23 0.00	99.94 11.42 -1.34	110.95 15.07 -0.47	144.57 21.37 -1.12	182.38 26.95 -7.35	302.78 34.25 -58.43	340.85 36.38 -57.02	391.37 45.51 -38.34	389.38 48.31 6.45	337.02 35.80 10.12	239.95 25.77 6.08	155.20 15.25 2.58	96.74 5.99 0.00	71.67 4.57 6.59
MOONROAD_115KV_HARTFLD_TB1-2 355988	60.05 2.53 0.00	55.06 1.66 0.00	49.51 1.25 0.00	47.31 0.88 0.00	47.10 0.88 0.00	49.70 0.73 0.00	53.05 0.78 0.00	56.66 1.11 0.00	62.38 3.03 0.00	69.72 4.56 0.00	83.03 6.15 0.00	95.72 8.54 0.00	105.43 10.02 0.00	133.69 11.60 0.00	159.93 11.85 0.00	222.92 12.82 0.00	257.10 9.65 0.00	315.20 7.69 0.00	357.25 9.73 0.00	321.30 9.96 0.00	230.61 10.35 0.00	153.37 10.83 0.00	96.20 5.45 0.00	79.07 5.38 0.00

MORRIS_RIDGE___SOLAR 323848	58.67 1.15 0.00	53.88 0.48 0.00	48.60 0.34 0.00	46.52 0.09 0.00	46.46 0.23 0.00	48.87 -0.10 0.00	51.74 -0.52 0.00	55.21 -0.33 0.00	59.59 0.24 0.00	66.07 0.91 0.00	78.57 1.69 0.00	89.88 2.71 0.00	100.46 5.05 0.00	127.21 5.13 0.00	152.52 4.44 0.00	213.89 3.79 0.00	248.19 0.74 0.00	306.90 -0.61 0.00	349.97 2.45 0.00	315.37 4.04 0.00	226.65 6.39 0.00	150.23 7.69 0.00	94.29 3.54 0.00	77.52 3.83 0.00
MORTIMER_115KV_TB3 55949	58.50 0.98 0.00	53.72 0.32 0.00	48.35 0.10 0.00	46.29 -0.14 0.00	46.04 -0.18 0.00	48.57 -0.39 0.00	51.53 -0.73 0.00	55.21 -0.33 0.00	60.24 0.89 0.00	66.79 1.63 0.00	79.41 2.54 0.00	90.93 3.75 0.00	101.33 5.92 0.00	128.80 6.71 0.00	154.60 6.52 0.00	216.62 6.51 0.00	251.90 4.45 0.00	311.21 3.69 0.00	351.35 3.82 0.00	316.00 4.67 0.00	225.98 5.73 0.00	149.52 6.98 0.00	94.02 3.27 0.00	76.93 3.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	60.28 2.76 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.07 2.65 0.00	48.72 2.50 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.85 2.49 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.18 15.10 0.00	236.22 22.27 -3.85	332.98 26.48 -59.06	386.27 32.90 -45.85	383.89 35.45 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	152.09 9.55 0.00	95.20 4.45 0.00	75.61 1.92 0.00
MUNSVILLE_WIND_PWR 323609	62.99 5.47 0.00	58.26 4.86 0.00	52.60 4.34 0.00	50.46 4.04 0.00	50.57 4.34 0.00	53.62 4.65 0.00	57.60 5.33 0.00	61.27 5.72 0.00	65.47 6.11 0.00	71.35 6.19 0.00	84.03 7.15 0.00	96.41 9.24 0.00	106.76 11.35 0.00	136.98 14.89 0.00	166.14 18.06 0.00	236.15 26.05 0.00	277.38 29.93 0.00	346.26 38.75 0.00	396.54 49.01 0.00	357.40 46.07 0.00	255.04 34.79 0.00	165.49 22.95 0.00	103.19 12.43 0.00	83.20 9.51 0.00
N SALMON___HYD 24042	57.06 -0.46 0.00	53.24 -0.16 0.00	47.97 -0.29 0.00	46.38 -0.05 0.00	46.36 0.14 0.00	49.31 0.35 0.00	52.79 0.52 0.00	56.49 0.94 0.00	60.18 0.83 0.00	66.27 1.11 0.00	77.57 0.69 0.00	87.18 0.00 0.00	92.74 -2.67 0.00	111.52 -5.49 5.08	130.57 -6.81 10.70	176.86 -9.24 24.01	205.12 -10.16 32.17	251.00 -11.37 45.15	281.36 -12.50 53.67	238.79 -9.98 62.57	177.52 -5.94 36.80	125.09 -3.99 13.46	91.02 0.27 0.00	74.86 1.18 0.00
N.AKRON___115KV_KNAPP 355671	59.19 1.67 0.00	54.15 0.75 0.00	48.64 0.39 0.00	46.43 0.00 0.00	46.23 0.00 0.00	48.67 -0.29 0.00	51.12 -1.15 0.00	54.71 -0.83 0.00	60.18 0.83 0.00	66.46 1.30 0.00	78.95 2.08 0.00	90.66 3.49 0.00	101.71 6.30 0.00	128.80 6.71 0.00	153.86 5.78 0.00	213.89 3.78 0.00	246.71 -0.74 0.00	303.52 -4.00 0.00	343.70 -3.82 0.00	309.78 -1.56 0.00	222.90 2.64 0.00	149.38 6.84 0.00	93.84 3.09 0.00	77.30 3.61 0.00
N.E_GEN_SANDY PD 24062	59.25 1.72 0.00	54.95 1.55 0.00	49.80 1.54 0.00	47.91 1.49 0.00	47.57 1.34 0.00	50.14 1.17 0.00	53.68 1.41 0.00	56.36 1.17 0.36	60.78 1.07 -0.36	66.07 0.91 0.00	78.41 1.54 0.00	89.61 2.44 0.00	99.23 3.82 0.00	128.31 6.22 0.00	156.07 7.99 0.00	235.00 12.39 -12.50	271.41 14.85 -9.12	336.32 18.45 -10.36	370.67 20.15 -3.00	328.45 17.11 0.00	231.05 10.79 0.00	148.80 6.26 0.00	91.53 2.63 1.85	76.79 1.25 -1.85
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	59.65 2.13 0.00	55.43 2.03 0.00	50.43 2.17 0.00	48.42 2.00 0.00	48.12 1.90 0.00	50.68 1.71 0.00	54.20 1.93 0.00	57.49 1.94 0.00	61.13 1.78 0.00	67.25 2.09 0.00	79.95 3.08 0.00	91.62 4.45 0.00	101.80 6.39 0.00	131.86 9.77 0.00	161.11 13.03 0.00	233.19 19.54 -3.54	310.70 23.76 -39.50	367.66 29.21 -30.93	380.00 31.62 -0.85	337.80 26.46 0.00	236.78 16.52 0.00	151.09 8.55 0.00	94.56 3.81 0.00	75.24 1.55 0.00
N.QUEENS_27_KV_LOAD 356247	60.24 2.70 -0.01	56.19 2.78 -0.01	51.55 3.28 -0.01	49.35 2.92 0.00	49.05 2.82 0.00	51.72 2.74 -0.01	54.94 2.67 -0.01	58.44 2.89 -0.01	61.79 2.43 0.00	67.96 2.80 0.00	80.72 3.84 0.00	92.42 5.23 -0.01	103.05 7.63 -0.01	132.89 11.60 0.79	163.21 15.10 -0.03	235.46 21.01 -4.34	334.70 25.73 -61.52	389.43 31.67 -50.24	386.97 34.06 -5.39	344.26 28.95 -3.97	240.49 17.84 -2.39	152.39 8.84 -1.02	94.05 3.99 0.69	75.17 1.47 -0.01
N.TROY___115KV_TB1 355778	59.48 1.96 0.00	55.11 1.71 0.00	49.95 1.69 0.00	47.96 1.53 0.00	47.71 1.48 0.00	50.34 1.37 0.00	53.83 1.57 0.00	56.99 1.44 0.00	60.72 1.37 0.00	66.33 1.17 0.00	78.64 1.77 0.00	89.71 2.53 0.00	98.94 3.53 0.00	127.70 5.62 0.00	154.89 6.81 0.00	248.51 10.93 -27.48	289.05 13.11 -28.49	353.30 16.61 -29.18	373.24 19.11 -6.60	328.15 16.81 0.00	231.71 11.45 0.00	149.80 7.27 0.00	94.02 3.27 0.00	75.68 1.99 0.00
NARROWS_GT1_1 24228	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
NARROWS_GT1_2 24229	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
NARROWS_GT1_3 24230	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
NARROWS_GT1_4 24231	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
NARROWS_GT1_5 24232	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34

NARROWS_GT1_6 24233	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
NARROWS_GT1_7 24234	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
NARROWS_GT1_8 24235	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.32 5.14 0.00	103.43 7.91 -0.10	148.36 10.86 -15.41	177.11 15.11 -13.91	234.55 20.60 -3.84	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	100.13 4.45 -4.93	64.11 1.77 11.34
NARROWS_GT2_1 24236	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
NARROWS_GT2_2 24237	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
NARROWS_GT2_3 24238	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
NARROWS_GT2_4 24239	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
NARROWS_GT2_5 24240	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
NARROWS_GT2_6 24241	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
NARROWS_GT2_7 24242	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
NARROWS_GT2_8 24243	60.41 2.87 -0.01	56.34 2.94 0.00	51.59 3.33 -0.01	49.63 3.20 -0.01	49.24 3.00 -0.01	51.51 2.54 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.90 2.55 0.01	67.89 2.74 0.01	80.63 3.77 0.01	92.40 5.14 -0.08	105.93 7.91 -2.60	216.28 10.86 -83.33	238.42 15.11 -75.23	234.57 20.60 -3.86	332.62 26.22 -58.95	385.26 31.98 -45.77	383.19 34.75 -0.91	341.22 29.89 0.01	238.75 18.50 0.01	122.61 9.13 29.05	115.96 4.45 -20.76	64.16 1.77 11.30
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	59.19 1.67 0.00	54.85 1.44 0.00	49.61 1.35 0.00	47.68 1.25 0.00	47.43 1.20 0.00	50.09 1.13 0.00	53.52 1.25 0.00	56.32 0.78 0.00	59.77 0.42 0.00	65.23 0.07 0.00	77.26 0.38 0.00	88.41 1.48 0.25	94.39 2.39 3.40	121.38 4.15 4.86	139.26 5.33 14.15	159.75 9.03 59.39	182.59 11.88 76.74	225.97 16.61 98.15	359.49 20.85 8.89	328.75 17.43 0.02	232.35 12.11 0.02	138.48 7.98 12.04	93.47 2.72 0.00	75.46 1.77 0.00
NCHELSEA_115KV_TR2 355582	59.88 2.36 0.00	55.59 2.19 0.00	50.57 2.32 0.00	48.56 2.14 0.00	48.21 1.99 0.00	50.83 1.86 0.00	54.30 2.04 0.00	57.60 2.06 0.00	61.31 1.96 0.00	67.44 2.28 0.00	80.18 3.31 0.00	91.62 4.45 0.00	101.80 6.39 0.00	131.86 9.77 0.00	161.11 13.03 0.00	232.79 19.75 -2.93	275.04 24.25 -3.34	341.00 30.14 -3.34	380.92 32.67 -0.73	339.04 27.71 0.00	238.10 17.84 0.00	153.08 10.55 0.00	95.83 5.08 0.00	76.42 2.73 0.00
NEG CAPITAL___MECHNVIL 23645	60.57 3.05 0.00	56.02 2.62 0.00	50.67 2.41 0.00	48.70 2.27 0.00	48.44 2.22 0.00	51.17 2.21 0.00	54.72 2.46 0.00	57.93 2.39 0.00	61.73 2.38 0.00	67.50 2.34 0.00	79.95 3.08 0.00	91.28 4.10 0.00	100.75 5.34 0.00	129.78 7.70 0.00	157.26 9.18 0.00	244.15 14.49 -19.56	284.37 17.32 -19.60	349.93 22.15 -20.26	379.35 27.12 -4.70	335.63 24.30 0.00	237.22 16.96 0.00	153.51 10.98 0.00	96.29 5.54 0.00	77.37 3.68 0.00
NEG CENTRAL_HIGH_ACRES 23767	57.35 -0.17 0.00	52.77 -0.64 0.00	47.58 -0.68 0.00	45.50 -0.93 0.00	45.35 -0.88 0.00	47.79 -1.18 0.00	50.86 -1.41 0.00	54.77 -0.78 0.00	59.29 -0.06 0.00	65.62 0.46 0.00	78.03 1.15 0.00	89.27 2.09 0.00	99.32 3.91 0.00	126.11 4.02 0.00	151.63 3.55 0.00	213.26 3.16 0.00	248.94 1.49 0.00	307.82 0.31 0.00	347.87 0.35 0.00	312.27 0.94 0.00	223.11 2.86 0.00	146.96 4.42 0.00	92.39 1.64 0.00	75.24 1.55 0.00

NEG CENTRAL___DRP 24199	58.56 1.04 0.00	53.99 0.59 0.00	48.79 0.53 0.00	46.80 0.37 0.00	46.60 0.37 0.00	49.26 0.29 0.00	52.47 0.21 0.00	55.88 0.33 0.00	60.36 1.01 0.00	66.46 1.30 0.00	78.95 2.08 0.00	90.14 2.96 0.00	99.51 4.10 0.00	126.93 5.13 0.29	152.95 5.48 0.61	215.45 6.72 1.38	251.79 6.19 1.84	312.31 7.38 2.59	353.83 9.38 3.07	320.50 9.34 0.18	228.40 8.15 0.00	149.38 6.84 0.00	93.93 3.18 0.00	76.42 2.73 0.00
NEG CENTRAL___INDECK 23768	59.25 1.72 0.00	54.37 0.96 0.00	48.93 0.68 0.00	46.75 0.33 0.00	46.64 0.42 0.00	49.11 0.15 0.00	52.16 -0.10 0.00	55.88 0.34 0.00	60.01 0.65 0.00	66.07 0.91 0.00	78.10 1.23 0.00	86.83 -0.35 0.00	96.84 1.43 0.00	122.83 0.74 0.00	147.20 -0.88 0.00	207.37 -2.74 0.00	242.00 -5.45 0.00	299.23 -8.29 0.00	343.00 -4.53 0.00	311.33 0.00 0.00	224.00 3.74 0.00	148.66 6.12 0.00	93.38 2.63 0.00	78.26 4.57 0.00
NEG CENTRAL___SENECA 23627	59.02 1.50 0.00	54.37 0.96 0.00	49.17 0.92 0.00	47.12 0.70 0.00	46.92 0.69 0.00	49.60 0.64 0.00	52.74 0.47 0.00	56.21 0.67 0.00	60.84 1.48 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.01 3.84 0.00	100.47 5.06 0.00	128.31 6.23 0.00	154.60 6.52 0.00	217.88 7.77 0.00	254.38 6.93 0.00	315.82 8.30 0.00	358.30 10.77 0.00	322.23 10.90 0.00	229.95 9.69 0.00	150.80 8.27 0.00	94.74 3.99 0.00	77.37 3.68 0.00
NEG CENTRAL___STATE_STREET 24147	58.27 0.75 0.00	53.83 0.43 0.00	48.59 0.34 0.00	46.61 0.19 0.00	46.41 0.18 0.00	49.11 0.15 0.00	52.42 0.16 0.00	55.82 0.28 0.00	60.07 0.71 0.00	66.07 0.91 0.00	78.41 1.54 0.00	89.53 2.35 0.00	98.85 3.43 0.00	126.29 4.52 0.31	152.46 5.03 0.66	214.93 6.30 1.48	251.90 6.43 1.98	312.73 8.00 2.78	353.95 9.73 3.31	320.80 9.65 0.19	228.40 8.15 0.00	148.81 6.27 0.00	93.56 2.81 0.00	75.75 2.06 0.00
NEG MILLWOOD___DRP 24198	60.46 2.93 0.00	56.02 2.62 0.00	51.01 2.75 0.00	48.98 2.55 0.00	48.63 2.40 0.00	51.22 2.25 0.00	54.77 2.51 0.00	58.16 2.61 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.95 4.07 0.00	92.76 5.58 0.00	103.23 7.82 0.00	133.81 11.72 0.00	163.33 15.25 0.00	236.56 22.90 -3.55	274.56 27.96 0.86	342.29 34.44 -0.33	385.56 37.19 -0.85	342.78 31.44 0.00	240.52 20.26 0.00	154.08 11.55 0.00	96.29 5.54 0.00	76.64 2.95 0.00
NEG NORTH_FLCN_SEA 23793	55.91 -1.61 0.00	52.18 -1.23 0.00	47.48 -0.77 0.00	45.96 -0.46 0.00	45.90 -0.32 0.00	48.53 -0.44 0.00	51.90 -0.37 0.00	55.60 0.06 0.00	59.35 0.00 0.00	65.36 0.20 0.00	76.49 -0.38 0.00	86.13 -1.05 0.00	92.17 -3.24 0.00	116.23 -5.86 0.00	140.82 -7.26 0.00	200.23 -9.87 0.00	236.56 -10.89 0.00	294.91 -12.61 0.00	333.62 -13.90 0.00	287.86 -11.52 11.95	205.60 -7.27 7.39	134.85 -4.99 2.70	89.84 -0.91 0.00	73.62 -0.07 0.00
NEG NORTH_KES_CHATEGAY 23792	56.09 -1.44 0.00	52.39 -1.01 0.00	47.34 -0.92 0.00	45.82 -0.60 0.00	45.76 -0.46 0.00	48.67 -0.29 0.00	52.06 -0.21 0.00	55.66 0.11 0.00	59.41 0.06 0.00	65.29 0.13 0.00	76.34 -0.54 0.00	85.87 -1.31 0.00	91.98 -3.43 0.00	114.55 -6.10 1.44	137.65 -7.40 3.03	193.22 -10.09 6.80	227.20 -11.14 9.11	282.12 -12.61 12.79	318.42 -13.90 15.20	273.67 -11.52 26.15	197.35 -7.27 15.64	131.83 -4.99 5.71	89.93 -0.82 0.00	73.69 0.00 0.00
NEG NORTH___ALICE_FALLS 23915	56.43 -1.09 0.00	52.66 -0.75 0.00	47.73 -0.53 0.00	46.24 -0.19 0.00	46.18 -0.05 0.00	48.87 -0.10 0.00	52.37 0.10 0.00	56.05 0.50 0.00	59.89 0.53 0.00	65.88 0.72 0.00	77.11 0.23 0.00	86.83 -0.35 0.00	92.83 -2.58 0.00	116.77 -5.01 0.32	141.19 -6.22 0.67	200.20 -8.40 1.50	236.29 -9.16 2.01	294.55 -10.15 2.82	333.05 -11.12 3.35	287.38 -9.03 14.93	205.86 -5.29 9.11	135.50 -3.71 3.33	90.75 0.00 0.00	74.35 0.66 0.00
NEG NORTH___LWR_SARANAC 23913	56.43 -1.09 0.00	52.66 -0.75 0.00	47.73 -0.53 0.00	46.24 -0.19 0.00	46.18 -0.05 0.00	48.87 -0.10 0.00	52.37 0.10 0.00	56.05 0.50 0.00	59.89 0.53 0.00	65.88 0.72 0.00	77.11 0.23 0.00	86.83 -0.35 0.00	92.83 -2.58 0.00	116.77 -5.01 0.32	141.19 -6.22 0.67	200.20 -8.40 1.50	236.29 -9.16 2.01	294.55 -10.15 2.82	333.05 -11.12 3.35	287.38 -9.03 14.93	205.86 -5.29 9.11	135.50 -3.71 3.33	90.75 0.00 0.00	74.35 0.66 0.00
NEG NORTH___PLATTSBURG 23628	56.43 -1.09 0.00	52.66 -0.75 0.00	47.73 -0.53 0.00	46.24 -0.18 0.00	46.18 -0.05 0.00	48.87 -0.10 0.00	52.37 0.10 0.00	56.04 0.50 0.00	59.89 0.53 0.00	65.88 0.72 0.00	77.19 0.31 0.00	86.83 -0.35 0.00	92.64 -2.77 0.00	116.76 -5.01 0.32	141.20 -6.21 0.67	200.20 -8.41 1.50	236.29 -9.15 2.01	294.56 -10.14 2.82	333.04 -11.13 3.35	287.37 -9.04 14.93	205.86 -5.29 9.11	135.50 -3.71 3.33	90.48 -0.27 0.00	74.35 0.66 0.00
NEG WEST_LEA_LOCKPORT 23791	57.70 0.17 0.00	52.87 -0.53 0.00	47.48 -0.77 0.00	45.36 -1.07 0.00	45.12 -1.11 0.00	47.50 -1.47 0.00	49.81 -2.46 0.00	53.16 -2.39 0.00	58.64 -0.71 0.00	65.29 0.13 0.00	77.49 0.62 0.00	88.83 1.66 0.00	99.80 4.39 0.00	126.12 4.03 0.00	150.45 2.37 0.00	208.85 -1.26 0.00	240.03 -7.42 0.00	294.60 -12.92 0.00	333.62 -13.90 0.00	299.82 -11.52 0.00	216.29 -3.96 0.00	145.24 2.71 0.00	91.48 0.73 0.00	75.83 2.14 0.00
NEG WEST___LANCASTR 23811	57.93 0.40 0.00	53.14 -0.27 0.00	47.82 -0.43 0.00	45.73 -0.70 0.00	45.49 -0.74 0.00	47.94 -1.03 0.00	50.75 -1.52 0.00	54.05 -1.50 0.00	59.41 0.06 0.00	66.20 1.04 0.00	78.80 1.92 0.00	90.75 3.57 0.00	101.80 6.39 0.00	129.17 7.08 0.00	154.74 6.66 0.00	215.57 5.46 0.00	248.69 1.24 0.00	305.67 -1.85 0.00	346.13 -1.39 0.00	311.02 -0.31 0.00	223.34 3.08 0.00	148.66 6.13 0.00	93.29 2.54 0.00	76.86 3.17 0.00
NEG_PENN_ALLEGHNY 23528	58.79 1.26 0.00	54.37 0.96 0.00	49.13 0.87 0.00	47.17 0.74 0.00	47.01 0.79 0.00	49.65 0.69 0.00	52.94 0.68 0.00	56.32 0.78 0.00	60.48 1.12 0.00	66.59 1.43 0.00	79.03 2.15 0.00	90.40 3.23 0.00	100.37 4.96 0.00	128.31 6.22 0.00	155.04 6.96 0.00	219.13 9.03 0.00	256.61 9.16 0.00	318.27 10.76 0.00	360.39 12.87 0.00	323.16 11.83 0.00	229.51 9.25 0.00	149.66 7.12 0.00	94.01 3.26 0.00	76.27 2.58 0.00
NEG___GEN_MONROE 24207	58.90 1.38 0.00	54.04 0.64 0.00	48.55 0.29 0.00	46.38 -0.05 0.00	46.13 -0.09 0.00	48.72 -0.24 0.00	51.64 -0.63 0.00	55.27 -0.28 0.00	60.36 1.01 0.00	66.79 1.63 0.00	79.41 2.54 0.00	90.93 3.75 0.00	101.33 5.92 0.00	128.93 6.84 0.00	154.89 6.81 0.00	216.62 6.51 0.00	251.16 3.71 0.00	310.28 2.77 0.00	351.35 3.82 0.00	316.63 5.29 0.00	226.86 6.61 0.00	150.52 7.98 0.00	94.56 3.81 0.00	77.59 3.91 0.00
NEPA___ENERGY 23901	58.96 1.44 0.00	54.15 0.75 0.00	48.69 0.43 0.00	46.57 0.14 0.00	46.36 0.14 0.00	48.87 -0.10 0.00	51.64 -0.63 0.00	54.93 -0.61 0.00	60.42 1.07 0.00	67.31 2.15 0.00	80.03 3.15 0.00	92.23 5.06 0.00	103.23 7.82 0.00	130.88 8.79 0.00	156.82 8.74 0.00	218.72 8.61 0.00	252.15 4.70 0.00	310.59 3.08 0.00	351.69 4.17 0.00	316.32 4.98 0.00	227.08 6.83 0.00	150.95 8.41 0.00	94.84 4.08 0.00	78.04 4.35 0.00

NEVERSINK___HYD 23608	59.59 2.07 0.00	55.32 1.92 0.00	50.19 1.93 0.00	48.23 1.81 0.00	47.94 1.71 0.00	50.58 1.61 0.00	54.09 1.83 0.00	57.21 1.66 0.00	61.08 1.72 0.00	67.11 1.95 0.00	79.57 2.69 0.00	91.08 3.93 0.02	100.97 5.82 0.26	130.52 8.80 0.37	158.70 11.70 1.07	226.01 17.65 1.75	273.36 22.28 -3.63	336.21 28.27 -0.42	379.48 31.95 0.00	338.74 27.40 0.00	237.88 17.63 0.00	151.29 9.70 0.94	95.38 4.63 0.00	76.05 2.36 0.00
NEWKRMKL_115KV_TB1 55635	58.16 0.63 0.00	53.94 0.53 0.00	48.88 0.63 0.00	47.03 0.60 0.00	46.73 0.51 0.00	49.31 0.34 0.00	52.74 0.47 0.00	55.77 0.22 0.00	59.41 0.06 0.00	65.03 -0.13 0.00	77.18 0.31 0.00	87.87 0.70 0.00	96.94 1.53 0.00	125.14 3.05 0.00	151.78 3.70 0.00	205.16 6.09 11.04	239.52 7.42 15.35	302.06 9.23 14.69	355.30 10.43 2.65	320.05 8.72 0.00	225.76 5.51 0.00	145.96 3.42 0.00	91.66 0.91 0.00	73.84 0.15 0.00
NEWTON___FALLS_HYD 23847	58.50 0.98 0.00	54.26 0.85 0.00	48.74 0.48 0.00	46.98 0.56 0.00	47.01 0.79 0.00	50.14 1.18 0.00	53.78 1.52 0.00	57.27 1.72 0.00	60.72 1.37 0.00	66.33 1.17 0.00	77.65 0.77 0.00	87.87 0.70 0.00	94.93 -0.48 0.00	107.21 -4.15 10.73	120.45 -5.03 22.60	152.45 -6.93 50.72	172.06 -7.42 67.97	204.45 -7.69 95.38	228.25 -5.91 113.37	301.35 -3.42 6.56	219.32 -0.88 0.05	142.05 -0.43 0.06	93.29 2.54 0.00	75.97 2.28 0.00
NGRID_A1_DSASP 323792	56.54 -0.98 0.00	51.85 -1.55 0.00	46.62 -1.64 0.00	44.48 -1.95 0.00	44.47 -1.76 0.00	46.57 -2.40 0.00	49.02 -3.24 0.00	53.10 -2.44 0.00	57.99 -1.36 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.84 3.43 0.00	124.29 2.20 0.00	148.38 0.30 0.00	206.33 -3.78 0.00	236.82 -10.63 0.00	290.00 -17.52 0.00	328.75 -18.77 0.00	294.82 -16.51 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.39 -0.36 0.00	75.02 1.33 0.00
NGRID_A2_DSASP 323793	56.54 -0.98 0.00	51.85 -1.55 0.00	46.62 -1.64 0.00	44.48 -1.95 0.00	44.47 -1.76 0.00	46.57 -2.40 0.00	49.02 -3.24 0.00	53.10 -2.44 0.00	57.99 -1.36 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.84 3.43 0.00	124.29 2.20 0.00	148.38 0.30 0.00	206.33 -3.78 0.00	236.82 -10.63 0.00	290.00 -17.52 0.00	328.75 -18.77 0.00	294.82 -16.51 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.39 -0.36 0.00	75.02 1.33 0.00
NGRID_A4_DSASP 323807	56.54 -0.98 0.00	51.85 -1.55 0.00	46.62 -1.64 0.00	44.48 -1.95 0.00	44.47 -1.76 0.00	46.57 -2.40 0.00	49.02 -3.24 0.00	53.10 -2.44 0.00	57.99 -1.36 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.84 3.43 0.00	124.29 2.20 0.00	148.38 0.30 0.00	206.33 -3.78 0.00	236.82 -10.63 0.00	290.00 -17.52 0.00	328.75 -18.77 0.00	294.82 -16.51 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.39 -0.36 0.00	75.02 1.33 0.00
NIAGARA_115E_LBMP 323715	57.52 0.00 0.00	52.71 -0.70 0.00	47.39 -0.87 0.00	45.22 -1.21 0.00	45.25 -0.97 0.00	47.35 -1.61 0.00	49.44 -2.82 0.00	53.16 -2.39 0.00	58.05 -1.31 0.00	64.71 -0.45 0.00	76.80 -0.08 0.00	88.14 0.96 0.00	99.04 3.62 0.00	124.53 2.44 0.00	148.67 0.59 0.00	206.96 -3.15 0.00	237.54 -9.91 0.00	291.21 -16.31 0.00	330.16 -17.37 0.00	296.09 -15.25 0.00	213.86 -6.39 0.00	143.67 1.13 0.00	90.66 -0.09 0.00	75.16 1.47 0.00
NIAGARA_115W_LBMP 323714	56.37 -1.15 0.00	51.69 -1.71 0.00	46.47 -1.78 0.00	44.34 -2.09 0.00	44.33 -1.90 0.00	46.42 -2.55 0.00	48.92 -3.35 0.00	52.94 -2.61 0.00	57.81 -1.54 0.00	64.45 -0.72 0.00	76.49 -0.38 0.00	87.70 0.53 0.00	98.46 3.05 0.00	123.80 1.71 0.00	147.93 -0.15 0.00	205.91 -4.20 0.00	236.07 -11.38 0.00	289.37 -18.14 0.00	327.73 -19.79 0.00	293.91 -17.43 0.00	212.34 -7.92 0.00	142.68 0.14 0.00	90.12 -0.63 0.00	74.80 1.11 0.00
NIAGARA_230_LBMP 323716	57.18 -0.34 0.00	52.44 -0.96 0.00	47.15 -1.11 0.00	45.03 -1.39 0.00	44.98 -1.25 0.00	47.16 -1.81 0.00	49.65 -2.61 0.00	53.71 -1.83 0.00	58.58 -0.77 0.00	65.29 0.13 0.00	77.42 0.54 0.00	88.92 1.74 0.00	99.80 4.39 0.00	125.50 3.41 0.00	150.00 1.92 0.00	208.85 -1.25 0.00	240.03 -7.42 0.00	294.30 -13.21 0.00	333.26 -14.26 0.00	298.87 -12.46 0.00	215.85 -4.40 0.00	144.81 2.27 0.00	91.39 0.64 0.00	75.75 2.06 0.00
NIAGARA___115KV_198_GIBSON 55903	56.37 -1.15 0.00	51.69 -1.71 0.00	46.42 -1.83 0.00	44.34 -2.09 0.00	44.10 -2.13 0.00	46.42 -2.55 0.00	48.92 -3.34 0.00	52.38 -3.17 0.00	57.81 -1.54 0.00	64.44 -0.72 0.00	76.49 -0.38 0.00	87.70 0.52 0.00	98.46 3.05 0.00	124.29 2.20 0.00	148.38 0.30 0.00	205.90 -4.20 0.00	236.07 -11.38 0.00	289.37 -18.14 0.00	327.02 -20.50 0.00	293.90 -17.43 0.00	212.33 -7.93 0.00	142.68 0.14 0.00	90.12 -0.64 0.00	74.79 1.11 0.00
NIAGARA____ 23760	57.18 -0.34 0.00	52.44 -0.96 0.00	47.15 -1.11 0.00	45.03 -1.39 0.00	44.98 -1.25 0.00	47.16 -1.81 0.00	49.65 -2.61 0.00	53.71 -1.83 0.00	58.58 -0.77 0.00	65.29 0.13 0.00	77.42 0.54 0.00	88.92 1.74 0.00	99.80 4.39 0.00	125.50 3.41 0.00	150.00 1.92 0.00	208.85 -1.25 0.00	240.03 -7.42 0.00	294.30 -13.21 0.00	333.26 -14.26 0.00	298.87 -12.46 0.00	215.85 -4.40 0.00	144.81 2.27 0.00	91.39 0.64 0.00	75.75 2.06 0.00
NINE_MILE_1 23575	56.09 -1.44 0.00	51.91 -1.49 0.00	46.96 -1.30 0.00	45.08 -1.35 0.00	44.88 -1.34 0.00	47.50 -1.47 0.00	50.64 -1.62 0.00	53.93 -1.61 0.00	57.81 -1.54 0.00	63.53 -1.63 0.00	75.18 -1.69 0.00	85.61 -1.57 0.00	94.27 -1.14 0.00	120.63 -1.46 0.00	146.01 -2.07 0.00	206.74 -3.37 0.00	243.00 -4.45 0.00	301.37 -6.15 0.00	340.58 -6.95 0.00	305.74 -5.60 0.00	216.72 -3.53 0.00	140.97 -1.56 0.00	89.12 -1.63 0.00	72.29 -1.40 0.00
NINE_MILE_2 23744	56.09 -1.44 0.00	51.91 -1.49 0.00	46.96 -1.30 0.00	45.08 -1.35 0.00	44.88 -1.34 0.00	47.50 -1.47 0.00	50.64 -1.62 0.00	53.93 -1.61 0.00	57.81 -1.54 0.00	63.53 -1.63 0.00	75.18 -1.69 0.00	85.61 -1.57 0.00	94.27 -1.14 0.00	120.63 -1.46 0.00	146.01 -2.07 0.00	206.74 -3.37 0.00	243.00 -4.45 0.00	301.37 -6.15 0.00	340.58 -6.95 0.00	305.74 -5.60 0.00	216.72 -3.53 0.00	140.97 -1.56 0.00	89.12 -1.63 0.00	72.29 -1.40 0.00
NM_CAPITAL___DRP 24208	58.27 0.75 0.00	54.04 0.64 0.00	48.98 0.72 0.00	47.12 0.70 0.00	46.87 0.65 0.00	49.46 0.49 0.00	52.89 0.63 0.00	55.93 0.39 0.00	59.53 0.18 0.00	65.16 0.00 0.00	77.34 0.46 0.00	88.05 0.87 0.00	97.13 1.72 0.00	125.38 3.30 0.00	152.08 4.00 0.00	235.26 6.72 -18.43	273.79 8.17 -18.18	336.53 10.15 -18.86	363.42 11.47 -4.43	320.99 9.65 0.00	226.20 5.95 0.00	146.10 3.56 0.00	91.84 1.09 0.00	73.98 0.29 0.00
NM_CENTRAL___DRP 24181	57.29 -0.23 0.00	52.98 -0.43 0.00	47.87 -0.39 0.00	45.96 -0.46 0.00	45.72 -0.51 0.00	48.38 -0.59 0.00	51.69 -0.57 0.00	54.99 -0.56 0.00	59.12 -0.24 0.00	64.97 -0.20 0.00	77.11 0.23 0.00	87.87 0.70 0.00	97.03 1.62 0.00	123.95 2.32 0.46	149.49 2.37 0.96	210.67 2.73 2.16	247.02 2.47 2.90	305.91 2.46 4.07	345.47 2.78 4.84	314.17 3.11 0.28	223.12 2.86 0.00	145.10 2.57 0.00	91.39 0.64 0.00	73.98 0.29 0.00

NM_FRONTIER___DRP 24179	56.37 -1.15 0.00	51.69 -1.71 0.00	46.42 -1.83 0.00	44.34 -2.09 0.00	44.10 -2.13 0.00	46.42 -2.55 0.00	48.92 -3.34 0.00	52.38 -3.17 0.00	57.81 -1.54 0.00	64.44 -0.72 0.00	76.49 -0.38 0.00	87.70 0.52 0.00	98.46 3.05 0.00	124.29 2.20 0.00	148.38 0.30 0.00	205.90 -4.20 0.00	236.07 -11.38 0.00	289.37 -18.14 0.00	327.02 -20.50 0.00	293.90 -17.43 0.00	212.33 -7.93 0.00	142.68 0.14 0.00	90.12 -0.64 0.00	74.79 1.11 0.00
NM_ST_REGIS___HYD 24053	57.58 0.06 0.00	53.62 0.21 0.00	48.11 -0.14 0.00	46.47 0.05 0.00	46.41 0.18 0.00	49.50 0.54 0.00	53.00 0.73 0.00	56.43 0.89 0.00	59.77 0.42 0.00	65.62 0.46 0.00	76.57 -0.31 0.00	86.13 -1.05 0.00	91.69 -3.72 0.00	99.79 -8.67 13.63	108.86 -10.51 28.70	131.18 -14.50 64.42	145.03 -16.08 86.33	167.61 -18.76 121.15	183.02 -20.50 144.00	145.79 -17.43 148.11	122.73 -11.01 86.51	103.77 -7.13 31.64	90.84 0.09 0.00	74.72 1.03 0.00
NORTHPORT___1 23551	59.25 1.72 0.00	56.50 3.10 0.00	51.63 3.38 0.00	49.31 2.88 0.00	48.86 2.63 0.00	51.41 2.45 0.00	54.98 2.72 0.00	57.21 1.66 0.00	59.64 0.30 0.01	60.28 0.07 4.94	72.41 1.84 6.31	77.46 3.83 13.55	86.13 6.77 16.06	116.38 10.13 15.83	129.86 13.61 31.84	140.00 19.32 89.42	159.42 22.28 110.31	206.39 27.69 128.81	204.09 30.22 173.65	157.64 23.04 176.74	140.08 15.64 95.81	140.00 6.84 9.38	92.75 1.99 0.00	66.65 0.74 7.78
NORTHPORT___2 23552	59.25 1.72 0.00	56.50 3.10 0.00	51.63 3.38 0.00	49.31 2.88 0.00	48.86 2.63 0.00	51.41 2.45 0.00	54.98 2.72 0.00	57.21 1.66 0.00	59.64 0.30 0.01	60.28 0.07 4.94	72.41 1.84 6.31	77.46 3.83 13.55	86.13 6.77 16.06	116.38 10.13 15.83	129.86 13.61 31.84	140.00 19.32 89.42	159.42 22.28 110.31	206.39 27.69 128.81	204.09 30.22 173.65	157.64 23.04 176.74	140.08 15.64 95.81	140.00 6.84 9.38	92.75 1.99 0.00	66.65 0.74 7.78
NORTHPORT___3 23553	58.55 1.04 0.01	55.97 2.56 0.00	51.20 2.94 0.00	48.93 2.51 0.00	48.49 2.26 0.00	51.07 2.10 0.00	54.51 2.25 0.00	56.49 0.94 0.00	59.28 -0.06 0.02	60.21 0.00 4.95	72.25 1.69 6.31	77.33 3.75 13.59	85.82 6.49 16.08	115.88 9.88 16.10	129.23 13.33 32.18	140.15 19.54 89.49	160.04 23.25 110.66	207.01 28.90 129.40	204.81 31.62 174.34	158.68 24.59 177.25	140.00 15.87 96.12	139.86 6.84 9.51	92.56 1.81 0.01	66.59 0.66 7.76
NORTHPORT___4 23650	58.55 1.04 0.01	55.97 2.56 0.00	51.20 2.94 0.00	48.93 2.51 0.00	48.49 2.26 0.00	51.07 2.10 0.00	54.51 2.25 0.00	56.49 0.94 0.00	59.28 -0.06 0.02	60.21 0.00 4.95	72.25 1.69 6.31	77.33 3.75 13.59	85.82 6.49 16.08	115.88 9.88 16.10	129.23 13.33 32.18	140.15 19.54 89.49	160.04 23.25 110.66	207.01 28.90 129.40	204.81 31.62 174.34	158.68 24.59 177.25	140.00 15.87 96.12	139.86 6.84 9.51	92.56 1.81 0.01	66.59 0.66 7.76
NORTHPORT___IC 23718	59.48 1.96 0.00	56.50 3.10 0.00	51.68 3.43 0.00	49.30 2.88 0.00	48.91 2.68 0.00	51.41 2.45 0.00	54.93 2.67 0.00	58.10 2.56 0.00	59.88 0.53 0.01	60.28 0.07 4.94	72.80 2.23 6.31	77.47 3.84 13.55	86.03 6.68 16.06	116.26 10.01 15.83	129.72 13.48 31.84	140.01 19.33 89.42	159.41 22.27 110.31	206.38 27.68 128.81	204.45 30.58 173.65	157.64 23.04 176.74	140.07 15.64 95.82	140.00 6.84 9.38	92.48 1.72 0.00	66.65 0.74 7.78
NORTH___COUNTRY_ESR 323785	55.97 -1.55 0.00	52.23 -1.18 0.00	47.24 -1.02 0.00	45.73 -0.70 0.00	45.67 -0.55 0.00	48.57 -0.39 0.00	51.95 -0.31 0.00	55.60 0.06 0.00	59.35 0.00 0.00	65.29 0.13 0.00	76.49 -0.38 0.00	85.87 -1.31 0.00	91.88 -3.53 0.00	114.64 -5.98 1.47	137.59 -7.40 3.09	193.08 -10.08 6.94	227.02 -11.13 9.30	281.56 -12.90 13.06	317.74 -14.26 15.52	272.74 -12.15 26.45	196.53 -7.92 15.81	131.34 -5.42 5.78	89.48 -1.27 0.00	73.54 -0.15 0.00
NPX_GEN_1385_PROXY 323591	59.48 1.96 0.00	56.29 2.88 0.00	51.35 3.09 0.00	48.84 2.41 0.00	48.44 2.22 0.00	50.68 1.71 0.00	54.51 2.25 0.00	56.85 1.66 0.36	60.00 0.30 -0.35	60.48 0.26 4.94	72.80 2.23 6.31	77.90 4.27 13.55	86.60 7.25 16.06	117.00 10.75 15.83	130.60 14.36 31.84	146.70 23.32 86.73	213.52 26.98 60.91	269.00 33.52 72.04	299.10 36.82 85.24	267.40 28.96 72.89	189.00 20.04 51.30	141.28 8.12 9.38	91.89 2.99 1.85	68.87 1.11 5.93
NPX_GEN_CSC 323557	59.76 2.24 0.00	56.55 3.15 0.00	51.58 3.33 0.00	49.21 2.79 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.77 2.51 0.00	56.97 1.78 0.36	60.65 0.95 -0.35	66.06 0.91 0.02	80.18 3.30 0.00	94.10 5.58 -1.34	104.65 8.77 -0.46	136.38 13.19 -1.10	172.57 17.17 -7.33	292.66 24.15 -58.40	328.96 24.50 -57.00	377.22 31.38 -38.32	375.13 34.08 6.47	326.74 25.53 10.13	234.44 20.25 6.07	149.78 9.83 2.59	92.26 3.36 1.85	70.56 1.62 4.75
NSINS_S_GLNS_FALLS 23858	60.57 3.05 0.00	56.02 2.62 0.00	50.67 2.41 0.00	48.61 2.18 0.00	48.35 2.13 0.00	51.12 2.15 0.00	54.72 2.46 0.00	58.04 2.50 0.00	61.85 2.49 0.00	67.51 2.35 0.00	79.64 2.77 0.00	90.93 3.75 0.00	100.09 4.68 0.00	128.93 6.84 0.00	156.08 8.00 0.00	238.66 13.03 -15.53	278.39 15.84 -15.10	343.85 20.60 -15.73	379.40 28.15 -3.73	337.18 25.84 0.00	239.20 18.94 0.00	154.94 12.40 0.00	96.83 6.08 0.00	77.67 3.98 0.00
NUCOR_STEEL___DRP 24197	58.33 0.81 0.00	53.94 0.53 0.00	48.69 0.43 0.00	46.70 0.28 0.00	46.50 0.28 0.00	49.16 0.20 0.00	52.47 0.21 0.00	55.82 0.28 0.00	60.07 0.71 0.00	66.07 0.91 0.00	78.34 1.46 0.00	89.44 2.27 0.00	98.75 3.34 0.00	126.16 4.40 0.32	152.14 4.74 0.67	214.69 6.09 1.51	251.61 6.19 2.03	312.05 7.38 2.85	353.17 9.04 3.38	320.17 9.03 0.19	227.96 7.71 0.00	148.52 5.99 0.00	93.38 2.63 0.00	75.68 1.99 0.00
NUMBER_THREE_WT_PWR 323818	58.96 1.44 0.00	54.58 1.17 0.00	49.17 0.91 0.00	47.40 0.98 0.00	47.52 1.29 0.00	50.63 1.67 0.00	54.41 2.14 0.00	58.21 2.67 0.00	61.90 2.55 0.00	67.44 2.28 0.00	79.11 2.23 0.00	90.05 2.87 0.00	96.84 1.43 0.00	118.92 1.47 4.64	139.94 1.63 9.77	190.90 2.72 21.93	221.52 3.46 29.39	272.43 6.15 41.24	308.92 10.42 49.02	320.33 11.83 2.83	230.37 10.14 0.02	149.07 6.56 0.02	95.29 4.54 0.00	76.78 3.09 0.00
NYISO_LBMP_REFERENCE 24008	57.52 0.00 0.00	53.40 0.00 0.00	48.26 0.00 0.00	46.43 0.00 0.00	46.23 0.00 0.00	48.97 0.00 0.00	52.27 0.00 0.00	55.55 0.00 0.00	59.35 0.00 0.00	65.16 0.00 0.00	76.88 0.00 0.00	87.18 0.00 0.00	95.41 0.00 0.00	122.09 0.00 0.00	148.08 0.00 0.00	210.11 0.00 0.00	247.45 0.00 0.00	307.52 0.00 0.00	347.52 0.00 0.00	311.33 0.00 0.00	220.26 0.00 0.00	142.54 0.00 0.00	90.75 0.00 0.00	73.69 0.00 0.00
NYPA_BRENTWD____GT 24164	60.45 2.93 0.00	57.36 3.95 0.00	52.36 4.10 0.00	49.95 3.53 0.00	49.56 3.33 0.00	52.15 3.18 0.00	55.71 3.45 0.00	58.21 2.67 0.00	61.01 1.66 0.01	66.91 1.76 0.02	80.68 3.77 -0.03	94.99 6.19 -1.62	105.34 9.36 -0.58	136.97 12.94 -1.95	173.34 17.02 -8.24	294.07 24.57 -59.39	333.68 28.20 -58.03	382.30 35.35 -39.43	381.15 38.91 5.29	332.13 30.53 9.74	235.35 20.94 5.84	150.17 10.12 2.49	95.02 4.27 0.00	70.12 2.80 6.37

OAKDALE___35_KV_LOAD 356122	58.44 0.92 0.00	54.04 0.64 0.00	48.88 0.63 0.00	46.94 0.51 0.00	46.73 0.51 0.00	49.41 0.44 0.00	52.63 0.37 0.00	55.88 0.33 0.00	60.12 0.77 0.00	66.20 1.04 0.00	78.49 1.61 0.00	89.71 2.53 0.00	99.51 4.10 0.00	127.46 5.37 0.00	154.00 5.92 0.00	217.67 7.56 0.00	254.87 7.42 0.00	315.82 8.30 0.00	357.25 9.73 0.00	320.67 9.34 0.00	227.74 7.49 0.00	148.52 5.99 0.00	93.38 2.63 0.00	75.75 2.06 0.00
OCC_CHEM___DRP 24175	56.55 -0.98 0.00	51.86 -1.55 0.00	46.57 -1.69 0.00	44.48 -1.95 0.00	44.24 -1.99 0.00	46.57 -2.40 0.00	49.03 -3.24 0.00	52.55 -3.00 0.00	57.99 -1.37 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.75 3.34 0.00	124.65 2.56 0.00	148.82 0.74 0.00	206.53 -3.57 0.00	236.56 -10.89 0.00	289.99 -17.53 0.00	328.06 -19.46 0.00	294.83 -16.50 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.30 -0.45 0.00	75.02 1.33 0.00
OH_GEN_PROXY 24063	57.18 -0.34 0.00	52.44 -0.96 0.00	47.15 -1.11 0.00	45.03 -1.39 0.00	44.98 -1.25 0.00	47.16 -1.81 0.00	49.71 -2.56 0.00	53.41 -1.78 0.36	59.00 -0.71 -0.36	65.36 0.20 0.00	77.49 0.61 0.00	89.01 1.83 0.00	99.90 4.49 0.00	125.75 3.66 0.00	150.30 2.22 0.00	209.48 -0.63 0.00	240.78 -6.67 0.00	295.21 -12.31 0.00	334.67 -12.85 0.00	300.14 -11.20 0.00	216.51 -3.75 0.00	145.10 2.57 0.00	89.62 0.72 1.85	77.60 2.06 -1.85
OLIN_CORP_DRP 24177	57.52 0.00 0.00	52.76 -0.64 0.00	47.39 -0.87 0.00	45.27 -1.16 0.00	45.07 -1.16 0.00	47.40 -1.57 0.00	49.50 -2.77 0.00	52.71 -2.83 0.00	58.23 -1.13 0.00	64.84 -0.33 0.00	77.03 0.15 0.00	88.40 1.22 0.00	99.13 3.72 0.00	125.26 3.17 0.00	149.56 1.48 0.00	207.59 -2.52 0.00	238.05 -9.40 0.00	292.14 -15.38 0.00	330.49 -17.03 0.00	297.01 -14.32 0.00	214.31 -5.95 0.00	144.10 1.57 0.00	90.84 0.09 0.00	75.31 1.62 0.00
OLIN_CORP_DSASP 323712	56.54 -0.98 0.00	51.85 -1.55 0.00	46.62 -1.64 0.00	44.48 -1.95 0.00	44.47 -1.76 0.00	46.57 -2.40 0.00	49.02 -3.24 0.00	53.10 -2.44 0.00	57.99 -1.36 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.84 3.43 0.00	124.29 2.20 0.00	148.38 0.30 0.00	206.33 -3.78 0.00	236.82 -10.63 0.00	290.00 -17.52 0.00	328.75 -18.77 0.00	294.82 -16.51 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.39 -0.36 0.00	75.02 1.33 0.00
ONEIDA_HERK_LFGE 323681	59.19 1.67 0.00	54.79 1.39 0.00	49.46 1.21 0.00	47.59 1.16 0.00	47.61 1.39 0.00	50.53 1.57 0.00	54.20 1.93 0.00	57.71 2.16 0.00	61.61 2.25 0.00	67.11 1.95 0.00	79.11 2.23 0.00	90.05 2.87 0.00	98.18 2.77 0.00	123.76 3.79 2.12	148.21 4.60 4.47	206.60 6.52 10.03	241.93 7.92 13.44	299.42 10.76 18.86	339.36 14.25 22.41	324.06 14.02 1.30	231.04 10.79 0.01	149.51 6.98 0.01	94.84 4.09 0.00	76.49 2.80 0.00
ONEIDA___115KV_TB4 55905	59.54 2.01 0.00	55.11 1.71 0.00	49.75 1.50 0.00	47.82 1.39 0.00	47.71 1.48 0.00	50.58 1.62 0.00	54.15 1.88 0.00	57.54 2.00 0.00	61.61 2.26 0.00	66.79 1.63 0.00	78.88 2.00 0.00	89.97 2.79 0.00	99.04 3.63 0.00	126.20 5.01 0.90	152.27 6.07 1.89	214.49 8.61 4.23	251.68 9.90 5.67	312.17 12.61 7.96	354.05 15.99 9.46	326.04 15.26 0.55	231.93 11.67 0.00	150.37 7.84 0.00	94.65 3.90 0.00	76.42 2.73 0.00
ONONDAGA_REF_OCCRA 23987	57.52 0.00 0.00	53.19 -0.21 0.00	48.06 -0.19 0.00	46.15 -0.28 0.00	45.95 -0.28 0.00	48.57 -0.39 0.00	51.90 -0.37 0.00	55.21 -0.33 0.00	59.35 0.00 0.00	65.23 0.07 0.00	77.34 0.46 0.00	88.22 1.05 0.00	97.32 1.91 0.00	124.38 2.69 0.40	150.20 2.96 0.84	212.00 3.78 1.89	248.39 3.46 2.53	307.97 4.00 3.55	348.17 4.87 4.22	316.07 4.98 0.24	224.66 4.41 0.00	145.95 3.42 0.00	91.84 1.09 0.00	74.35 0.66 0.00
ONONDAGA___COGEN 23986	57.35 -0.17 0.00	53.08 -0.32 0.00	47.92 -0.34 0.00	46.01 -0.42 0.00	45.81 -0.42 0.00	48.48 -0.49 0.00	51.74 -0.52 0.00	55.10 -0.44 0.00	59.18 -0.18 0.00	65.10 -0.07 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.03 1.62 0.00	124.03 2.32 0.38	149.80 2.52 0.80	211.47 3.15 1.79	247.77 2.72 2.40	307.22 3.08 3.37	346.99 3.48 4.01	314.84 3.74 0.23	223.78 3.52 0.00	145.67 3.14 0.00	91.66 0.91 0.00	74.21 0.52 0.00
ONTARIO___LFGE 23819	59.02 1.49 0.00	54.37 0.96 0.00	49.22 0.96 0.00	47.12 0.70 0.00	46.96 0.74 0.00	49.60 0.63 0.00	52.73 0.47 0.00	56.43 0.89 0.00	60.84 1.48 0.00	67.05 1.89 0.00	79.72 2.85 0.00	91.01 3.83 0.00	100.94 5.53 0.00	128.19 6.10 0.00	154.44 6.36 0.00	217.88 7.78 0.00	254.63 7.18 0.00	315.82 8.31 0.00	358.64 11.12 0.00	322.23 10.89 0.00	229.94 9.68 0.00	150.80 8.26 0.00	94.84 4.09 0.00	77.37 3.68 0.00
ORANGEVILLE_WT_PWR 323706	58.39 0.86 0.00	53.62 0.21 0.00	48.26 0.00 0.00	46.20 -0.23 0.00	46.13 -0.09 0.00	48.48 -0.49 0.00	51.27 -0.99 0.00	54.94 -0.61 0.00	59.59 0.24 0.00	66.20 1.04 0.00	78.72 1.84 0.00	90.23 3.05 0.00	101.14 5.72 0.00	127.71 5.62 0.00	152.96 4.88 0.00	213.89 3.79 0.00	247.45 0.00 0.00	305.05 -2.47 0.00	347.18 -0.35 0.00	311.96 0.62 0.00	224.43 4.17 0.00	149.38 6.84 0.00	93.93 3.17 0.00	77.37 3.68 0.00
ORANGEVILLE___ESR 323794	58.39 0.86 0.00	53.62 0.21 0.00	48.26 0.00 0.00	46.20 -0.23 0.00	46.13 -0.09 0.00	48.48 -0.49 0.00	51.27 -0.99 0.00	54.94 -0.61 0.00	59.59 0.24 0.00	66.20 1.04 0.00	78.72 1.84 0.00	90.23 3.05 0.00	101.14 5.72 0.00	127.71 5.62 0.00	152.96 4.88 0.00	213.89 3.79 0.00	247.45 0.00 0.00	305.05 -2.47 0.00	347.18 -0.35 0.00	311.96 0.62 0.00	224.43 4.17 0.00	149.38 6.84 0.00	93.93 3.17 0.00	77.37 3.68 0.00
OSWEGATCHIE___HYD 24044	58.50 0.98 0.00	54.26 0.85 0.00	48.74 0.48 0.00	46.99 0.56 0.00	47.06 0.83 0.00	50.14 1.17 0.00	53.78 1.52 0.00	57.27 1.72 0.00	60.72 1.37 0.00	66.34 1.17 0.00	77.72 0.85 0.00	87.87 0.69 0.00	93.60 -1.82 0.00	107.21 -4.15 10.73	120.45 -5.04 22.60	152.46 -6.93 50.72	172.07 -7.42 67.97	204.47 -7.68 95.38	227.91 -6.25 113.37	301.36 -3.42 6.56	219.33 -0.88 0.05	142.05 -0.43 0.06	93.20 2.45 0.00	75.98 2.29 0.00
OSWEGO___5 23606	56.49 -1.03 0.00	52.34 -1.07 0.00	47.34 -0.92 0.00	45.40 -1.02 0.00	45.25 -0.97 0.00	47.84 -1.12 0.00	51.07 -1.20 0.00	54.38 -1.17 0.00	58.29 -1.07 0.00	64.05 -1.11 0.00	75.80 -1.08 0.00	86.31 -0.87 0.00	95.13 -0.29 0.00	121.72 -0.37 0.00	147.34 -0.74 0.00	208.65 -1.46 0.00	244.98 -2.47 0.00	304.14 -3.38 0.00	343.71 -3.82 0.00	308.22 -3.11 0.00	218.73 -1.53 0.00	142.25 -0.28 0.00	89.93 -0.82 0.00	72.88 -0.81 0.00
OSWEGO___6 23613	56.49 -1.03 0.00	52.34 -1.07 0.00	47.34 -0.92 0.00	45.40 -1.02 0.00	45.25 -0.97 0.00	47.84 -1.12 0.00	51.07 -1.20 0.00	54.38 -1.17 0.00	58.29 -1.07 0.00	64.05 -1.11 0.00	75.80 -1.08 0.00	86.31 -0.87 0.00	95.13 -0.29 0.00	121.72 -0.37 0.00	147.34 -0.74 0.00	208.65 -1.46 0.00	244.98 -2.47 0.00	304.14 -3.38 0.00	343.71 -3.82 0.00	308.22 -3.11 0.00	218.73 -1.53 0.00	142.25 -0.28 0.00	89.93 -0.82 0.00	72.88 -0.81 0.00

OUTOKUMPU-AB___DRP 24206	58.27 0.75 0.00	53.40 0.00 0.00	47.97 -0.29 0.00	45.82 -0.60 0.00	45.58 -0.65 0.00	47.99 -0.98 0.00	50.49 -1.78 0.00	54.05 -1.50 0.00	59.65 0.30 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.32 3.14 0.00	101.42 6.01 0.00	128.31 6.23 0.00	153.26 5.18 0.00	212.63 2.52 0.00	244.23 -3.22 0.00	299.83 -7.69 0.00	339.18 -8.34 0.00	304.80 -6.54 0.00	219.60 -0.66 0.00	147.38 4.85 0.00	92.75 2.00 0.00	76.93 3.24 0.00
OXBOW___BTM 323836	57.52 0.00 0.00	52.77 -0.64 0.00	47.39 -0.87 0.00	45.22 -1.21 0.00	45.21 -1.02 0.00	47.35 -1.61 0.00	49.86 -2.40 0.00	53.99 -1.55 0.00	59.00 -0.35 0.00	65.68 0.52 0.00	77.95 1.08 0.00	89.01 1.83 0.00	99.99 4.58 0.00	125.75 3.66 0.00	150.30 2.22 0.00	209.06 -1.05 0.00	240.27 -7.18 0.00	294.30 -13.21 0.00	333.96 -13.56 0.00	299.19 -12.15 0.00	215.85 -4.40 0.00	144.96 2.42 0.00	91.39 0.64 0.00	76.20 2.51 0.00
OXBOW___ 24026	57.52 0.00 0.00	52.76 -0.64 0.00	47.34 -0.92 0.00	45.22 -1.21 0.00	44.98 -1.25 0.00	47.35 -1.62 0.00	49.86 -2.40 0.00	53.38 -2.17 0.00	58.94 -0.42 0.00	65.68 0.52 0.00	78.03 1.15 0.00	89.01 1.83 0.00	99.90 4.48 0.00	126.24 4.15 0.00	150.75 2.67 0.00	209.27 -0.84 0.00	240.03 -7.42 0.00	294.29 -13.22 0.00	332.93 -14.60 0.00	299.19 -12.14 0.00	215.85 -4.41 0.00	144.96 2.42 0.00	91.39 0.64 0.00	76.19 2.51 0.00
OXY_CHEM_DSASP 323612	56.55 -0.98 0.00	51.86 -1.55 0.00	46.57 -1.69 0.00	44.48 -1.95 0.00	44.24 -1.99 0.00	46.57 -2.40 0.00	49.03 -3.24 0.00	52.55 -3.00 0.00	57.99 -1.37 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.75 3.34 0.00	124.65 2.56 0.00	148.82 0.74 0.00	206.53 -3.57 0.00	236.56 -10.89 0.00	289.99 -17.53 0.00	328.06 -19.46 0.00	294.83 -16.50 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.30 -0.45 0.00	75.02 1.33 0.00
OZONE_PARK_ESR 323760	61.03 3.51 0.00	56.66 3.26 0.00	51.68 3.43 0.00	49.63 3.20 0.00	49.28 3.05 0.00	51.85 2.89 0.00	55.45 3.19 0.00	58.88 3.33 0.00	62.68 3.32 0.00	69.07 3.91 0.00	82.03 5.15 0.00	93.98 6.80 0.00	104.67 9.25 0.00	135.64 13.55 0.00	166.00 17.92 0.00	240.21 26.26 -3.84	337.72 31.43 -58.84	391.95 38.75 -45.69	390.84 42.40 -0.92	347.14 35.80 0.00	242.94 22.69 0.00	154.51 11.97 0.00	96.74 5.99 0.00	76.71 3.02 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	56.55 -0.98 0.00	51.86 -1.55 0.00	46.57 -1.69 0.00	44.48 -1.95 0.00	44.24 -1.99 0.00	46.57 -2.40 0.00	49.03 -3.24 0.00	52.55 -3.00 0.00	57.99 -1.37 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.75 3.34 0.00	124.65 2.56 0.00	148.82 0.74 0.00	206.53 -3.57 0.00	236.56 -10.89 0.00	289.99 -17.53 0.00	328.06 -19.46 0.00	294.83 -16.50 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.30 -0.45 0.00	75.02 1.33 0.00
PACKARD___115KV_DUPONT_184 80571	56.55 -0.98 0.00	51.86 -1.55 0.00	46.57 -1.69 0.00	44.48 -1.95 0.00	44.24 -1.99 0.00	46.57 -2.40 0.00	49.03 -3.24 0.00	52.55 -3.00 0.00	57.99 -1.37 0.00	64.64 -0.52 0.00	76.72 -0.15 0.00	87.96 0.78 0.00	98.75 3.34 0.00	124.65 2.56 0.00	148.82 0.74 0.00	206.53 -3.57 0.00	236.56 -10.89 0.00	289.99 -17.53 0.00	328.06 -19.46 0.00	294.83 -16.50 0.00	212.77 -7.49 0.00	143.11 0.57 0.00	90.30 -0.45 0.00	75.02 1.33 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	60.18 2.65 -0.01	56.14 2.72 -0.01	51.50 3.23 -0.01	49.35 2.92 0.00	49.00 2.77 0.00	51.62 2.64 -0.01	54.78 2.51 -0.01	58.22 2.67 -0.01	61.49 2.14 0.00	67.64 2.48 0.00	80.34 3.46 0.00	91.98 4.79 -0.01	102.73 7.25 -0.07	130.75 11.11 2.44	160.98 15.10 2.21	234.97 21.01 -3.85	331.42 24.99 -58.98	384.06 30.75 -45.79	381.82 33.36 -0.94	339.37 28.02 -0.02	237.45 17.18 -0.02	150.95 8.41 -0.01	93.35 3.81 1.21	75.09 1.40 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	61.45 3.91 -0.01	57.36 3.95 -0.01	52.56 4.29 -0.01	50.37 3.95 0.00	49.97 3.74 0.00	52.60 3.62 -0.01	55.83 3.55 -0.01	59.27 3.72 -0.01	62.62 3.26 0.00	68.94 3.78 0.00	82.10 5.23 0.00	93.90 6.71 -0.01	104.83 9.35 -0.07	133.44 13.80 2.44	164.53 18.66 2.20	239.80 25.84 -3.85	337.36 30.93 -58.98	391.44 38.13 -45.79	390.17 41.70 -0.94	346.84 35.49 -0.02	242.74 22.47 -0.02	154.37 11.83 -0.01	95.53 5.99 1.21	76.86 3.17 0.00
PATROON___115KV_TB1 80586	58.39 0.86 0.00	54.10 0.69 0.00	49.08 0.82 0.00	47.17 0.74 0.00	46.92 0.69 0.00	49.50 0.54 0.00	52.94 0.68 0.00	55.99 0.44 0.00	59.65 0.30 0.00	65.29 0.13 0.00	77.49 0.62 0.00	88.31 1.13 0.00	97.41 2.00 0.00	125.63 3.54 0.00	152.52 4.44 0.00	220.67 7.14 -3.42	257.25 8.66 -1.14	320.08 10.76 -1.80	360.51 12.16 -0.82	321.61 10.27 0.00	226.86 6.61 0.00	146.53 3.99 0.00	92.02 1.27 0.00	74.21 0.52 0.00
PATTRSNVILLE___SOLAR 323815	59.65 2.13 0.00	55.27 1.87 0.00	50.04 1.79 0.00	48.14 1.72 0.00	47.94 1.71 0.00	50.68 1.71 0.00	54.04 1.78 0.00	57.05 1.50 0.00	60.60 1.25 0.00	66.14 0.98 0.00	78.33 1.46 0.00	89.36 2.18 0.00	98.55 3.14 0.00	126.73 4.64 0.00	153.71 5.63 0.00	227.49 8.62 -8.76	265.26 10.15 -7.66	329.59 13.85 -8.23	368.04 18.41 -2.11	329.07 17.74 0.00	233.03 12.77 0.00	150.80 8.26 0.00	94.84 4.09 0.00	76.27 2.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	58.44 0.92 0.00	53.56 0.16 0.00	48.16 -0.10 0.00	46.01 -0.42 0.00	45.81 -0.42 0.00	48.28 -0.69 0.00	51.01 -1.25 0.00	54.43 -1.11 0.00	59.89 0.53 0.00	66.86 1.69 0.00	79.57 2.69 0.00	91.54 4.36 0.00	102.85 7.44 0.00	130.39 8.30 0.00	156.08 8.00 0.00	217.25 7.14 0.00	250.42 2.97 0.00	307.82 0.31 0.00	348.57 1.04 0.00	312.89 1.56 0.00	224.66 4.41 0.00	149.95 7.41 0.00	94.11 3.36 0.00	77.52 3.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	60.46 2.93 0.00	56.02 2.62 0.00	51.01 2.75 0.00	48.98 2.55 0.00	48.63 2.40 0.00	51.22 2.25 0.00	54.77 2.51 0.00	58.16 2.61 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.95 4.07 0.00	92.76 5.58 0.00	103.23 7.82 0.00	133.81 11.72 0.00	163.33 15.25 0.00	236.56 22.90 -3.55	274.56 27.96 0.86	342.29 34.44 -0.33	385.56 37.19 -0.85	342.78 31.44 0.00	240.52 20.26 0.00	154.08 11.55 0.00	96.29 5.54 0.00	76.64 2.95 0.00
PEEKSKILL___ 23653	59.76 2.24 0.00	55.54 2.14 0.00	50.52 2.27 0.00	48.61 2.18 0.00	48.21 1.99 0.00	50.78 1.81 0.00	54.30 2.04 0.00	57.49 1.94 0.00	61.31 1.96 0.00	67.38 2.22 0.00	80.03 3.15 0.00	91.71 4.53 0.00	102.09 6.68 0.00	132.10 10.01 0.00	161.41 13.33 0.00	233.62 19.74 -3.76	320.16 23.76 -48.96	375.21 29.52 -38.17	380.38 31.95 -0.90	338.11 26.78 0.00	236.99 16.73 0.00	151.23 8.70 0.00	94.74 3.99 0.00	75.31 1.62 0.00
PGE MADISON___WINDPWR 24146	62.99 5.47 0.00	58.26 4.86 0.00	52.60 4.34 0.00	50.46 4.04 0.00	50.57 4.34 0.00	53.62 4.65 0.00	57.60 5.33 0.00	61.27 5.72 0.00	65.47 6.11 0.00	71.35 6.19 0.00	84.03 7.15 0.00	96.41 9.24 0.00	106.76 11.35 0.00	136.98 14.89 0.00	166.14 18.06 0.00	236.15 26.05 0.00	277.38 29.93 0.00	346.26 38.75 0.00	396.54 49.01 0.00	357.40 46.07 0.00	255.04 34.79 0.00	165.49 22.95 0.00	103.19 12.43 0.00	83.20 9.51 0.00

PIERCEFIELD___HYD 23852	57.75 0.23 0.00	53.78 0.37 0.00	48.16 -0.10 0.00	46.47 0.05 0.00	46.41 0.18 0.00	49.55 0.59 0.00	53.05 0.78 0.00	56.38 0.83 0.00	59.59 0.24 0.00	65.36 0.20 0.00	76.18 -0.69 0.00	85.78 -1.39 0.00	91.21 -4.20 0.00	96.60 -9.64 15.84	103.01 -11.70 33.37	119.03 -16.18 74.90	129.02 -18.06 100.37	145.45 -21.22 140.85	156.82 -23.28 167.42	121.44 -19.61 170.28	108.08 -12.77 99.40	98.06 -8.12 36.35	90.66 -0.09 0.00	74.65 0.96 0.00
PINELAWN_CC_1 323563	59.71 2.19 0.00	56.55 3.15 0.00	51.58 3.33 0.00	49.26 2.83 0.00	48.86 2.63 0.00	51.46 2.50 0.00	54.93 2.66 0.00	57.43 1.89 0.00	60.35 1.01 0.01	66.19 1.04 0.01	79.57 2.69 0.00	95.20 4.97 -3.05	104.37 7.91 -1.04	140.44 11.72 -6.63	176.74 15.54 -13.12	297.94 22.91 -64.93	337.41 26.73 -63.23	385.69 33.52 -44.65	385.13 37.20 -0.40	332.40 29.59 8.53	234.74 19.60 5.11	149.49 9.13 2.18	93.93 3.17 0.00	70.39 2.06 5.36
PJM_GEN_HTTP_PROXY 323702	60.23 2.70 0.00	55.97 2.56 0.00	51.01 2.75 0.00	49.02 2.60 0.00	48.63 2.40 0.00	51.22 2.25 0.00	54.83 2.56 0.00	57.69 2.50 0.36	62.26 2.55 -0.36	68.16 3.00 0.00	80.87 4.00 0.00	92.67 5.50 0.00	103.24 7.83 0.00	133.81 11.72 0.00	163.48 15.40 0.00	236.44 22.49 -3.84	333.14 26.98 -58.71	386.33 33.22 -45.59	384.59 36.14 -0.92	341.86 30.53 0.00	238.76 18.50 0.00	152.09 9.55 0.00	93.44 4.54 1.85	77.45 1.91 -1.85
PJM_GEN_KEystone 24065	58.10 0.98 0.40	53.85 0.69 0.25	49.03 0.77 0.00	47.03 0.60 0.00	46.78 0.56 0.00	49.21 0.25 0.00	52.24 0.16 0.18	55.02 0.22 0.74	59.84 0.65 0.17	65.58 1.11 0.69	77.69 1.77 0.95	89.50 3.23 0.90	100.55 5.63 0.49	127.85 7.32 1.56	155.19 8.73 1.63	223.04 11.55 -1.38	277.94 11.63 -18.86	336.95 13.21 -16.22	362.18 14.59 -0.07	323.80 12.47 0.00	228.54 8.82 0.54	146.48 6.12 2.18	90.09 2.63 3.30	75.94 1.70 -0.56
PJM_GEN_NEPTUNE_PROXY 323594	59.59 2.07 0.00	56.34 2.94 0.00	51.39 3.13 0.00	49.12 2.69 0.00	48.72 2.49 0.00	51.32 2.35 0.00	54.77 2.51 0.00	56.97 1.78 0.36	60.77 1.07 -0.35	66.45 1.30 0.02	79.87 3.00 0.00	92.63 5.14 -0.31	103.35 7.83 -0.12	130.93 11.47 2.63	166.40 15.11 -3.21	286.18 21.85 -54.23	325.69 25.98 -52.27	372.61 32.28 -32.81	371.08 35.80 12.24	327.72 28.96 12.57	231.66 18.94 7.54	148.46 9.13 3.21	92.35 3.45 1.85	70.26 2.14 5.57
PJM_GEN_VFT_PROXY 323633	54.05 2.30 5.78	52.07 2.19 3.52	50.72 2.46 0.00	48.79 2.37 0.00	48.40 2.17 0.00	50.97 2.01 0.01	51.90 2.25 2.61	51.77 2.11 5.88	54.32 2.13 7.17	57.80 2.54 9.89	66.63 3.38 13.62	79.04 4.79 12.93	95.30 7.06 7.17	117.48 10.75 15.35	145.61 14.52 16.99	226.03 21.01 5.08	289.93 25.25 -17.23	372.14 31.05 -33.58	376.21 33.70 5.01	339.35 28.03 0.02	229.52 16.96 7.70	119.81 8.41 31.14	75.52 3.90 19.13	58.40 1.33 16.62
PLATSBURG_115KV_PMLD1 355749	56.09 -1.44 0.00	52.34 -1.07 0.00	47.53 -0.72 0.00	46.01 -0.42 0.00	45.99 -0.23 0.00	48.67 -0.29 0.00	52.06 -0.21 0.00	55.77 0.22 0.00	59.53 0.18 0.00	65.55 0.39 0.00	76.72 -0.15 0.00	86.39 -0.78 0.00	92.45 -2.96 0.00	116.59 -5.49 0.00	141.42 -6.66 0.00	200.86 -9.24 0.00	237.30 -10.15 0.00	295.83 -11.69 0.00	334.67 -12.86 0.00	288.81 -10.59 11.94	206.26 -6.61 7.39	135.28 -4.56 2.70	90.12 -0.64 0.00	73.84 0.15 0.00
PLEASANTVLY___LBMP 24000	59.36 1.84 0.00	55.17 1.76 0.00	50.19 1.93 0.00	48.19 1.76 0.00	47.89 1.66 0.00	50.43 1.47 0.00	53.94 1.67 0.00	57.16 1.61 0.00	60.78 1.42 0.00	66.72 1.56 0.00	79.26 2.38 0.00	90.58 3.40 0.00	100.56 5.15 0.00	130.15 8.06 0.00	158.74 10.66 0.00	230.53 15.97 -4.45	264.61 19.30 2.14	330.80 23.68 0.39	374.31 25.72 -1.07	333.13 21.79 0.00	233.69 13.44 0.00	149.80 7.27 0.00	93.84 3.09 0.00	74.94 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	59.82 2.30 0.00	55.59 2.19 0.00	50.57 2.32 0.00	48.61 2.18 0.00	48.26 2.03 0.00	50.83 1.86 0.00	54.36 2.09 0.00	57.66 2.11 0.00	61.37 2.02 0.00	67.38 2.22 0.00	80.11 3.23 0.00	91.62 4.45 0.00	101.80 6.39 0.00	131.86 9.77 0.00	161.11 13.03 0.00	233.59 19.54 -3.94	240.78 23.26 29.93	314.81 28.91 21.61	379.75 31.28 -0.95	337.49 26.15 0.00	236.78 16.52 0.00	151.37 8.84 0.00	94.74 3.99 0.00	75.46 1.77 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	59.82 2.30 0.00	55.59 2.19 0.00	50.57 2.32 0.00	48.61 2.18 0.00	48.26 2.03 0.00	50.83 1.86 0.00	54.36 2.09 0.00	57.66 2.11 0.00	61.37 2.02 0.00	67.38 2.22 0.00	80.11 3.23 0.00	91.62 4.45 0.00	101.80 6.39 0.00	131.86 9.77 0.00	161.11 13.03 0.00	233.59 19.54 -3.94	240.78 23.26 29.93	314.81 28.91 21.61	379.75 31.28 -0.95	337.49 26.15 0.00	236.78 16.52 0.00	151.37 8.84 0.00	94.74 3.99 0.00	75.46 1.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	59.88 2.36 0.00	55.59 2.19 0.00	50.52 2.27 0.00	48.52 2.09 0.00	48.21 1.99 0.00	50.78 1.81 0.00	54.30 2.04 0.00	57.54 2.00 0.00	61.19 1.84 0.00	67.25 2.09 0.00	79.87 3.00 0.00	91.36 4.18 0.00	101.42 6.01 0.00	131.37 9.28 0.00	160.37 12.29 0.00	232.54 18.49 -3.94	271.04 23.26 -0.33	337.76 28.91 -1.33	380.03 31.62 -0.88	338.11 26.77 0.00	237.44 17.18 0.00	152.09 9.55 0.00	95.20 4.45 0.00	75.97 2.28 0.00
POLETTI____ 23519	60.17 2.65 0.00	55.97 2.56 0.00	51.06 2.80 0.00	49.07 2.65 0.00	48.72 2.50 0.00	51.22 2.25 0.00	54.77 2.51 0.00	58.16 2.61 0.00	61.79 2.43 0.00	68.03 2.87 0.00	80.80 3.92 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.33 15.25 0.00	236.43 22.48 -3.84	333.02 26.72 -58.84	386.11 32.90 -45.69	384.24 35.79 -0.92	341.53 30.20 0.00	238.54 18.28 0.00	151.80 9.26 0.00	95.11 4.36 0.00	75.53 1.84 0.00
POMONA___ESR 323819	59.65 2.13 0.00	55.43 2.03 0.00	50.38 2.12 0.00	48.42 1.99 0.00	48.08 1.85 0.00	50.63 1.67 0.00	54.20 1.93 0.00	57.32 1.78 0.00	61.13 1.78 0.00	67.25 2.08 0.00	79.87 3.00 0.00	91.62 4.44 0.00	101.90 6.49 0.00	131.97 9.88 0.00	161.25 13.17 0.00	233.19 19.54 -3.54	310.71 23.76 -39.50	367.68 29.23 -30.93	380.00 31.62 -0.85	337.78 26.45 0.00	236.55 16.30 0.00	151.09 8.55 0.00	94.65 3.90 0.00	75.24 1.55 0.00
PORT_JEFF_3 23555	60.05 2.53 0.00	56.87 3.47 0.00	51.92 3.67 0.00	49.54 3.11 0.00	49.14 2.91 0.00	51.71 2.74 0.00	55.24 2.98 0.00	57.71 2.16 0.00	60.65 1.30 0.01	66.18 1.04 0.02	80.03 3.15 0.00	93.57 5.05 -1.34	103.98 8.11 -0.46	134.79 11.60 -1.10	170.36 14.95 -7.33	289.73 21.21 -58.41	327.97 23.52 -57.00	375.65 29.82 -38.32	373.71 32.66 6.47	325.80 24.59 10.13	231.81 17.63 6.07	148.07 8.12 2.59	93.65 2.90 0.00	68.49 1.40 6.60
PORT_JEFF_4 23616	60.05 2.53 0.00	56.87 3.47 0.00	51.92 3.67 0.00	49.54 3.11 0.00	49.14 2.91 0.00	51.71 2.74 0.00	55.24 2.98 0.00	57.71 2.16 0.00	60.65 1.30 0.01	66.18 1.04 0.02	80.03 3.15 0.00	93.57 5.05 -1.34	103.98 8.11 -0.46	134.79 11.60 -1.10	170.36 14.95 -7.33	289.73 21.21 -58.41	327.97 23.52 -57.00	375.65 29.82 -38.32	373.71 32.66 6.47	325.80 24.59 10.13	231.81 17.63 6.07	148.07 8.12 2.59	93.65 2.90 0.00	68.49 1.40 6.60

PORT_JEFF_IC 23713	60.40 2.88 0.00	56.98 3.58 0.00	52.07 3.81 0.00	49.63 3.20 0.00	49.23 3.00 0.00	51.81 2.84 0.00	55.30 3.03 0.00	58.66 3.11 0.00	60.95 1.60 0.01	66.38 1.24 0.02	80.57 3.69 0.00	93.70 5.14 -1.38	104.00 8.11 -0.48	135.31 11.96 -1.25	171.13 15.55 -7.50	291.19 22.48 -58.61	329.38 24.74 -57.18	377.39 31.37 -38.50	375.65 34.40 6.28	327.10 25.84 10.07	232.71 18.50 6.05	148.52 8.55 2.57	93.56 2.81 0.00	68.90 1.77 6.56
PPL PILGRIM_ST_GT1 24216	60.45 2.93 0.00	57.36 3.95 0.00	52.36 4.10 0.00	49.95 3.53 0.00	49.56 3.33 0.00	52.15 3.18 0.00	55.71 3.45 0.00	58.21 2.67 0.00	61.01 1.66 0.01	66.91 1.76 0.02	80.68 3.77 -0.03	94.99 6.19 -1.62	105.34 9.36 -0.58	136.97 12.94 -1.95	173.34 17.02 -8.24	294.07 24.57 -59.39	333.68 28.20 -58.03	382.30 35.35 -39.43	381.15 38.91 5.29	332.13 30.53 9.74	235.35 20.94 5.84	150.17 10.12 2.49	95.02 4.27 0.00	70.12 2.80 6.37
PPL PILGRIM_ST_GT2 24217	60.45 2.93 0.00	57.36 3.95 0.00	52.36 4.10 0.00	49.95 3.53 0.00	49.56 3.33 0.00	52.15 3.18 0.00	55.71 3.45 0.00	58.21 2.67 0.00	61.01 1.66 0.01	66.91 1.76 0.02	80.68 3.77 -0.03	94.99 6.19 -1.62	105.34 9.36 -0.58	136.97 12.94 -1.95	173.34 17.02 -8.24	294.07 24.57 -59.39	333.68 28.20 -58.03	382.30 35.35 -39.43	381.15 38.91 5.29	332.13 30.53 9.74	235.35 20.94 5.84	150.17 10.12 2.49	95.02 4.27 0.00	70.12 2.80 6.37
PPL_SHRM_GT3 24213	59.83 2.30 0.00	56.61 3.20 0.00	51.63 3.38 0.00	49.26 2.83 0.00	48.81 2.59 0.00	51.36 2.40 0.00	54.83 2.56 0.00	57.32 1.78 0.00	60.29 0.95 0.01	66.06 0.91 0.02	80.18 3.30 0.00	94.20 5.66 -1.36	104.76 8.87 -0.47	136.57 13.31 -1.18	172.81 17.32 -7.42	293.18 24.57 -58.50	327.79 23.25 -57.09	375.75 29.82 -38.41	373.47 32.33 6.38	325.21 23.97 10.10	234.90 20.70 6.06	150.08 10.12 2.58	94.29 3.54 0.00	68.81 1.70 6.58
PPL_SHRM_GT4 24214	59.83 2.30 0.00	56.61 3.20 0.00	51.63 3.38 0.00	49.26 2.83 0.00	48.81 2.59 0.00	51.36 2.40 0.00	54.83 2.56 0.00	57.32 1.78 0.00	60.29 0.95 0.01	66.06 0.91 0.02	80.18 3.30 0.00	94.20 5.66 -1.36	104.76 8.87 -0.47	136.57 13.31 -1.18	172.81 17.32 -7.42	293.18 24.57 -58.50	327.79 23.25 -57.09	375.75 29.82 -38.41	373.47 32.33 6.38	325.21 23.97 10.10	234.90 20.70 6.06	150.08 10.12 2.58	94.29 3.54 0.00	68.81 1.70 6.58
PROJECT___ORANGE 1 24174	57.29 -0.23 0.00	53.03 -0.37 0.00	47.87 -0.39 0.00	45.96 -0.46 0.00	45.76 -0.46 0.00	48.43 -0.54 0.00	51.69 -0.57 0.00	55.05 -0.50 0.00	59.18 -0.18 0.00	65.03 -0.13 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.13 1.72 0.00	124.08 2.44 0.45	149.66 2.72 0.94	211.15 3.15 2.11	247.34 2.72 2.83	306.31 2.77 3.97	345.93 3.13 4.72	314.49 3.42 0.27	223.34 3.08 0.00	145.24 2.71 0.00	91.48 0.73 0.00	74.06 0.37 0.00
PROJECT___ORANGE 2 24166	57.29 -0.23 0.00	53.03 -0.37 0.00	47.87 -0.39 0.00	45.96 -0.46 0.00	45.76 -0.46 0.00	48.43 -0.54 0.00	51.69 -0.57 0.00	55.05 -0.50 0.00	59.18 -0.18 0.00	65.03 -0.13 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.13 1.72 0.00	124.08 2.44 0.45	149.66 2.72 0.94	211.15 3.15 2.11	247.34 2.72 2.83	306.31 2.77 3.97	345.93 3.13 4.72	314.49 3.42 0.27	223.34 3.08 0.00	145.24 2.71 0.00	91.48 0.73 0.00	74.06 0.37 0.00
PUCKETT___SOLAR 323809	59.48 1.96 0.00	55.00 1.60 0.00	49.75 1.50 0.00	47.77 1.35 0.00	47.66 1.43 0.00	50.39 1.42 0.00	53.83 1.57 0.00	57.10 1.55 0.00	61.13 1.78 0.00	67.05 1.89 0.00	79.26 2.39 0.00	90.57 3.40 0.00	100.46 5.05 0.00	128.68 6.59 0.00	155.78 7.70 0.00	220.61 10.50 0.00	258.84 11.39 0.00	321.97 14.46 0.00	365.93 18.41 0.00	329.07 17.74 0.00	234.14 13.88 0.00	152.36 9.83 0.00	95.65 4.90 0.00	77.37 3.68 0.00
PYRITES___HYD 24023	59.02 1.50 0.00	54.90 1.50 0.00	49.12 0.87 0.00	47.40 0.97 0.00	47.43 1.20 0.00	50.63 1.66 0.00	54.20 1.93 0.00	57.49 1.94 0.00	60.72 1.37 0.00	66.46 1.30 0.00	77.26 0.38 0.00	86.92 -0.26 0.00	92.36 -3.05 0.00	97.22 -8.06 16.82	103.03 -9.63 35.42	117.37 -13.24 79.50	126.81 -14.10 106.54	142.33 -15.68 149.50	154.18 -15.64 177.71	125.10 -11.21 175.03	111.90 -6.39 101.97	100.96 -4.28 37.29	92.93 2.18 0.00	76.42 2.73 0.00
QUAKERRD_115KV_BK1 80622	57.01 -0.52 0.00	52.44 -0.96 0.00	47.24 -1.01 0.00	45.22 -1.21 0.00	45.02 -1.20 0.00	47.50 -1.47 0.00	50.49 -1.78 0.00	54.10 -1.44 0.00	58.82 -0.53 0.00	65.10 -0.07 0.00	77.34 0.46 0.00	88.57 1.39 0.00	98.37 2.96 0.00	125.26 3.17 0.00	150.60 2.52 0.00	211.58 1.47 0.00	246.71 -0.74 0.00	305.06 -2.46 0.00	344.40 -3.13 0.00	309.47 -1.87 0.00	220.92 0.66 0.00	145.53 2.99 0.00	91.66 0.91 0.00	74.72 1.03 0.00
QUENSBRY_115KV_TB8 356137	60.57 3.05 0.00	55.97 2.56 0.00	50.62 2.36 0.00	48.56 2.14 0.00	48.35 2.13 0.00	51.12 2.15 0.00	54.72 2.46 0.00	58.04 2.50 0.00	61.85 2.49 0.00	67.57 2.41 0.00	79.64 2.77 0.00	90.93 3.75 0.00	100.18 4.77 0.00	128.93 6.84 0.00	156.08 8.00 0.00	238.51 13.24 -15.17	278.24 16.08 -14.70	343.76 20.91 -15.33	380.01 28.84 -3.64	337.80 26.46 0.00	239.64 19.38 0.00	155.08 12.54 0.00	96.92 6.17 0.00	77.74 4.05 0.00
RAMAPO___LBMP 323565	59.48 1.96 0.00	55.22 1.82 0.00	50.28 2.03 0.00	48.28 1.86 0.00	47.98 1.76 0.00	50.53 1.57 0.00	54.04 1.78 0.00	57.32 1.78 0.00	60.96 1.60 0.00	66.99 1.82 0.00	79.64 2.77 0.00	91.19 4.01 0.00	101.33 5.92 0.00	131.24 9.16 0.00	160.22 12.14 0.00	231.86 18.28 -3.47	306.07 22.02 -36.60	363.29 27.06 -28.71	377.55 29.19 -0.84	335.93 24.60 0.00	235.45 15.20 0.00	150.37 7.84 0.00	94.20 3.45 0.00	75.02 1.33 0.00
RANKINE____ 23646	58.62 1.09 0.00	53.72 0.32 0.00	48.26 0.00 0.00	46.15 -0.28 0.00	45.90 -0.32 0.00	48.38 -0.59 0.00	51.01 -1.25 0.00	54.55 -1.00 0.00	60.07 0.71 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.62 4.45 0.00	102.76 7.35 0.00	130.15 8.06 0.00	155.63 7.55 0.00	216.41 6.30 0.00	248.93 1.48 0.00	305.98 -1.54 0.00	346.48 -1.04 0.00	311.33 0.00 0.00	224.00 3.74 0.00	149.80 7.27 0.00	94.20 3.45 0.00	77.74 4.05 0.00
RAVENSWOOD_GT2_1 24244	60.23 2.70 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.07 2.65 0.00	48.77 2.54 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.85 2.49 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.18 15.10 0.00	236.22 22.27 -3.85	332.89 26.48 -58.96	385.89 32.60 -45.77	383.89 35.45 -0.92	341.22 29.89 0.00	238.54 18.28 0.00	151.94 9.41 0.00	95.11 4.36 0.00	75.53 1.84 0.00
RAVENSWOOD_GT2_2 24245	60.23 2.70 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.07 2.65 0.00	48.77 2.54 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.85 2.49 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.18 15.10 0.00	236.22 22.27 -3.85	332.89 26.48 -58.96	385.89 32.60 -45.77	383.89 35.45 -0.92	341.22 29.89 0.00	238.54 18.28 0.00	151.94 9.41 0.00	95.11 4.36 0.00	75.53 1.84 0.00

RAVENSWOOD_GT2_3 24246	60.28 2.76 0.00	56.07 2.67 0.00	51.15 2.90 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.88 2.61 0.00	58.27 2.72 0.00	61.91 2.55 0.00	68.16 3.00 0.00	80.95 4.07 0.00	92.58 5.40 0.00	103.04 7.63 0.00	133.56 11.48 0.00	163.33 15.25 0.00	236.43 22.48 -3.85	333.14 26.72 -58.96	386.20 32.90 -45.77	384.24 35.79 -0.92	341.53 30.20 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.20 4.45 0.00	75.61 1.92 0.00
RAVENSWOOD_GT2_4 24247	60.28 2.76 0.00	56.07 2.67 0.00	51.15 2.90 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.88 2.61 0.00	58.27 2.72 0.00	61.91 2.55 0.00	68.16 3.00 0.00	80.95 4.07 0.00	92.58 5.40 0.00	103.04 7.63 0.00	133.56 11.48 0.00	163.33 15.25 0.00	236.43 22.48 -3.85	333.14 26.72 -58.96	386.20 32.90 -45.77	384.24 35.79 -0.92	341.53 30.20 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.20 4.45 0.00	75.61 1.92 0.00
RAVENSWOOD_GT3_1 24248	60.23 2.70 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.33 15.25 0.00	236.43 22.48 -3.85	332.89 26.48 -58.96	385.89 32.60 -45.77	383.89 35.45 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.11 4.36 0.00	75.53 1.84 0.00
RAVENSWOOD_GT3_2 24249	60.23 2.70 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.33 15.25 0.00	236.43 22.48 -3.85	332.89 26.48 -58.96	385.89 32.60 -45.77	383.89 35.45 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.11 4.36 0.00	75.53 1.84 0.00
RAVENSWOOD_GT3_3 24250	60.34 2.82 0.00	56.13 2.72 0.00	51.20 2.94 0.00	49.17 2.74 0.00	48.86 2.63 0.00	51.37 2.40 0.00	54.93 2.67 0.00	58.32 2.78 0.00	62.02 2.67 0.00	68.29 3.13 0.00	81.03 4.15 0.00	92.76 5.58 0.00	103.23 7.82 0.00	133.81 11.72 0.00	163.63 15.55 0.00	236.85 22.90 -3.85	333.63 27.22 -58.96	386.81 33.52 -45.77	384.94 36.49 -0.92	342.16 30.82 0.00	239.20 18.94 0.00	152.23 9.69 0.00	95.38 4.63 0.00	75.68 1.99 0.00
RAVENSWOOD_GT3_4 24251	60.34 2.82 0.00	56.13 2.72 0.00	51.20 2.94 0.00	49.17 2.74 0.00	48.86 2.63 0.00	51.37 2.40 0.00	54.93 2.67 0.00	58.32 2.78 0.00	62.02 2.67 0.00	68.29 3.13 0.00	81.03 4.15 0.00	92.76 5.58 0.00	103.23 7.82 0.00	133.81 11.72 0.00	163.63 15.55 0.00	236.85 22.90 -3.85	333.63 27.22 -58.96	386.81 33.52 -45.77	384.94 36.49 -0.92	342.16 30.82 0.00	239.20 18.94 0.00	152.23 9.69 0.00	95.38 4.63 0.00	75.68 1.99 0.00
RAVENSWOOD_GT_1 23729	60.11 2.59 0.00	56.07 2.67 0.00	51.39 3.14 0.00	49.35 2.92 0.00	49.00 2.77 0.00	51.46 2.50 0.00	54.77 2.51 0.00	58.16 2.61 0.00	61.55 2.20 0.00	67.70 2.54 0.00	80.41 3.54 0.00	92.16 4.97 -0.01	103.22 7.35 -0.46	110.39 11.11 22.81	142.74 15.25 20.59	235.18 21.22 -3.85	331.65 25.24 -58.96	384.35 31.06 -45.77	382.16 33.71 -0.92	339.67 28.33 0.00	237.66 17.40 0.00	122.03 8.55 29.05	82.90 3.90 11.75	63.70 1.40 11.39
RAVENSWOOD_GT_10 24258	60.28 2.76 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.07 2.65 0.00	48.77 2.54 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	103.02 7.54 -0.07	130.01 11.35 3.43	160.24 15.25 3.10	236.43 22.48 -3.85	333.14 26.72 -58.96	386.20 32.90 -45.77	384.24 35.79 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	93.56 4.45 1.63	75.53 1.84 0.00
RAVENSWOOD_GT_11 24259	60.28 2.76 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.07 2.65 0.00	48.77 2.54 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	103.02 7.54 -0.07	130.01 11.35 3.43	160.24 15.25 3.10	236.43 22.48 -3.85	333.14 26.72 -58.96	386.20 32.90 -45.77	384.24 35.79 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	93.56 4.45 1.63	75.53 1.84 0.00
RAVENSWOOD_GT_4 24252	60.23 2.70 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.33 15.25 0.00	236.43 22.48 -3.85	332.89 26.48 -58.96	386.20 32.90 -45.77	383.89 35.45 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.11 4.36 0.00	75.53 1.84 0.00
RAVENSWOOD_GT_5 24254	60.23 2.70 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.33 15.25 0.00	236.43 22.48 -3.85	332.89 26.48 -58.96	386.20 32.90 -45.77	383.89 35.45 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.11 4.36 0.00	75.53 1.84 0.00
RAVENSWOOD_GT_6 24253	60.23 2.70 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.33 15.25 0.00	236.43 22.48 -3.85	332.89 26.48 -58.96	386.20 32.90 -45.77	383.89 35.45 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.11 4.36 0.00	75.53 1.84 0.00
RAVENSWOOD_GT_7 24255	60.23 2.70 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	102.95 7.54 0.00	133.44 11.35 0.00	163.33 15.25 0.00	236.43 22.48 -3.85	332.89 26.48 -58.96	386.20 32.90 -45.77	383.89 35.45 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.11 4.36 0.00	75.53 1.84 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	60.28 2.76 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.07 2.65 0.00	48.77 2.54 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	103.02 7.54 -0.07	130.01 11.35 3.43	160.24 15.25 3.10	236.43 22.48 -3.85	333.14 26.72 -58.96	386.20 32.90 -45.77	384.24 35.79 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	93.56 4.45 1.63	75.53 1.84 0.00
RAVENSWOOD_GT_9 24257	60.28 2.76 0.00	56.02 2.62 0.00	51.10 2.85 0.00	49.07 2.65 0.00	48.77 2.54 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.21 2.67 0.00	61.91 2.55 0.00	68.09 2.93 0.00	80.87 4.00 0.00	92.50 5.32 0.00	103.02 7.54 -0.07	130.01 11.35 3.43	160.24 15.25 3.10	236.43 22.48 -3.85	333.14 26.72 -58.96	386.20 32.90 -45.77	384.24 35.79 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	93.56 4.45 1.63	75.53 1.84 0.00

RAVENSWOOD___1 23533	60.11 2.59 0.01	56.02 2.62 0.00	51.30 3.04 0.00	49.31 2.88 -0.01	48.91 2.68 -0.01	51.36 2.40 0.00	54.72 2.46 0.00	57.93 2.39 0.00	61.60 2.25 0.01	67.63 2.48 0.01	80.25 3.38 0.01	91.89 4.70 -0.01	102.96 7.25 -0.30	117.25 10.62 15.45	148.79 14.66 13.95	234.13 20.17 -3.85	331.38 24.98 -58.95	383.73 30.45 -45.77	381.47 33.03 -0.91	339.36 28.03 0.01	237.21 16.96 0.01	121.89 8.41 29.05	86.02 3.81 8.54	63.64 1.33 11.38
RAVENSWOOD___2 23534	59.93 2.42 0.01	55.91 2.51 0.00	51.20 2.94 0.00	49.22 2.79 -0.01	48.82 2.59 -0.01	51.27 2.30 0.00	54.56 2.30 0.00	57.77 2.22 0.00	61.19 1.84 0.01	66.97 1.82 0.01	79.48 2.62 0.01	91.01 3.83 -0.01	102.10 6.39 -0.29	116.24 9.40 15.25	147.48 13.17 13.77	232.22 18.27 -3.85	328.68 22.28 -58.95	380.64 27.36 -45.77	378.33 29.89 -0.91	336.24 24.92 0.01	235.23 14.98 0.01	120.75 7.27 29.05	85.47 3.17 8.45	63.05 0.74 11.38
RAVENSWOOD___3 23535	60.28 2.76 0.00	56.02 2.62 0.00	51.05 2.80 0.00	49.12 2.69 0.00	48.72 2.49 0.00	51.27 2.30 0.00	54.83 2.56 0.00	58.05 2.50 0.00	61.90 2.55 0.00	68.10 2.93 0.00	80.79 3.92 0.00	92.50 5.32 0.00	103.05 7.64 0.00	133.56 11.47 0.00	163.34 15.26 0.00	236.21 22.26 -3.85	332.90 26.49 -58.96	386.21 32.92 -45.77	384.25 35.80 -0.92	341.23 29.89 0.00	238.76 18.50 0.00	151.94 9.41 0.00	95.20 4.45 0.00	75.53 1.84 0.00
RAVENSWOOD___4 23820	60.04 2.53 0.01	55.97 2.56 0.00	51.25 2.99 0.00	49.31 2.88 -0.01	48.91 2.68 -0.01	51.32 2.35 0.00	54.67 2.41 0.00	57.88 2.33 0.00	61.54 2.20 0.01	67.50 2.34 0.01	80.10 3.23 0.01	91.70 4.53 0.00	102.71 7.16 -0.14	124.46 10.37 8.00	155.22 14.36 7.22	233.70 19.74 -3.85	330.91 24.50 -58.95	383.44 30.15 -45.77	381.10 32.66 -0.91	338.73 27.40 0.01	236.98 16.73 0.01	121.60 8.12 29.05	89.19 3.72 5.28	63.49 1.18 11.37
RCPL_TRUST___DRP 24196	60.34 2.82 0.00	56.07 2.67 0.00	51.15 2.90 0.00	49.12 2.69 0.00	48.81 2.59 0.00	51.37 2.40 0.00	54.93 2.67 0.00	58.38 2.83 0.00	62.08 2.73 0.00	68.35 3.19 0.00	81.18 4.31 0.00	92.93 5.75 0.00	103.52 8.11 0.00	134.05 11.96 0.00	163.92 15.84 0.00	237.48 23.53 -3.84	334.13 27.96 -58.71	387.55 34.44 -45.59	385.63 37.19 -0.92	342.78 31.44 0.00	239.42 19.16 0.00	152.37 9.83 0.00	95.38 4.63 0.00	75.75 2.06 0.00
RED___ROCHESTER 323720	59.08 1.55 0.00	54.21 0.80 0.00	48.84 0.58 0.00	46.66 0.23 0.00	46.50 0.28 0.00	48.92 -0.05 0.00	51.90 -0.36 0.00	56.10 0.56 0.00	60.84 1.48 0.00	67.50 2.34 0.00	80.26 3.38 0.00	91.97 4.79 0.00	102.57 7.16 0.00	130.02 7.93 0.00	156.07 7.99 0.00	219.13 9.03 0.00	255.13 7.68 0.00	315.21 7.69 0.00	356.22 8.69 0.00	320.04 8.71 0.00	228.62 8.37 0.00	151.23 8.70 0.00	95.11 4.36 0.00	77.67 3.98 0.00
REGAN___SOLAR 323812	61.78 4.26 0.00	57.14 3.74 0.00	51.68 3.43 0.00	49.67 3.25 0.00	49.51 3.28 0.00	52.44 3.48 0.00	55.92 3.66 0.00	58.93 3.39 0.00	62.56 3.20 0.00	68.02 2.86 0.00	80.72 3.84 0.00	92.14 4.97 0.00	101.61 6.20 0.00	130.51 8.42 0.00	158.15 10.07 0.00	233.85 15.55 -8.20	273.07 18.31 -7.31	339.93 24.61 -7.80	382.15 32.66 -1.97	343.41 32.07 0.00	243.83 23.58 0.00	158.21 15.68 0.00	99.01 8.26 0.00	79.44 5.75 0.00
RENSSELAER___COGEN 23796	57.87 0.35 0.00	53.67 0.27 0.00	48.60 0.34 0.00	46.84 0.42 0.00	46.55 0.33 0.00	49.11 0.15 0.00	52.53 0.26 0.00	55.38 -0.17 0.00	59.06 -0.30 0.00	64.57 -0.59 0.00	76.57 -0.31 0.00	87.18 0.00 0.00	96.17 0.76 0.00	124.04 1.95 0.00	150.59 2.51 0.00	145.43 4.42 69.10	171.29 5.44 81.60	233.67 7.08 80.93	338.56 7.64 16.60	317.56 6.22 0.00	224.00 3.74 0.00	144.68 2.14 0.00	90.93 0.18 0.00	73.40 -0.29 0.00
REPUBLIC_115KV_BARTNBRK 55605	63.33 5.81 0.00	58.37 4.97 0.00	52.70 4.44 0.00	50.47 4.04 0.00	50.20 3.98 0.00	53.18 4.21 0.00	56.86 4.60 0.00	60.32 4.78 0.00	64.28 4.93 0.00	70.05 4.89 0.00	82.80 5.92 0.00	94.76 7.58 0.00	104.38 8.97 0.00	134.30 12.21 0.00	162.15 14.07 0.00	247.71 22.06 -15.54	289.04 26.48 -15.12	358.32 35.06 -15.75	397.83 46.57 -3.73	355.23 43.90 0.00	252.63 32.38 0.00	164.20 21.67 0.00	102.10 11.34 0.00	81.72 8.03 0.00
REVERE_CPPR_DRP 24186	60.17 2.65 0.00	55.65 2.24 0.00	50.23 1.98 0.00	48.28 1.86 0.00	48.26 2.03 0.00	51.22 2.25 0.00	54.88 2.61 0.00	58.32 2.78 0.00	62.44 3.09 0.00	67.70 2.54 0.00	79.87 3.00 0.00	91.19 4.01 0.00	100.28 4.87 0.00	127.10 6.35 1.34	153.10 7.85 2.83	214.90 11.14 6.34	251.82 12.87 8.50	312.51 16.91 11.92	354.90 21.55 14.17	331.06 20.55 0.82	235.89 15.64 0.01	152.65 10.12 0.01	96.20 5.45 0.00	77.67 3.98 0.00
REYNLDPA_13_KV_LD 356490	57.64 0.12 0.00	53.62 0.21 0.00	48.21 -0.05 0.00	46.47 0.05 0.00	46.32 0.09 0.00	49.26 0.29 0.00	52.58 0.31 0.00	56.16 0.61 0.00	59.89 0.53 0.00	65.88 0.72 0.00	77.11 0.23 0.00	86.83 -0.35 0.00	93.03 -2.39 0.00	119.37 -4.88 -2.16	146.57 -6.07 -4.56	211.93 -8.40 -10.23	251.75 -9.40 -13.71	315.38 -11.38 -19.24	357.53 -12.86 -22.87	305.34 -11.21 -5.21	215.18 -7.49 -2.42	138.44 -4.99 -0.89	90.21 -0.54 0.00	74.06 0.37 0.00
REYNOLDS_115KV_TB3 80639	58.44 0.92 0.00	54.20 0.80 0.00	49.17 0.92 0.00	47.26 0.84 0.00	47.01 0.79 0.00	49.55 0.59 0.00	53.05 0.78 0.00	56.05 0.50 0.00	59.71 0.36 0.00	65.29 0.13 0.00	77.49 0.62 0.00	88.22 1.05 0.00	97.32 1.91 0.00	125.63 3.54 0.00	152.52 4.44 0.00	262.25 7.35 -44.79	304.55 8.91 -48.19	367.48 11.07 -48.89	370.80 12.51 -10.76	321.92 10.59 0.00	226.86 6.61 0.00	146.53 3.99 0.00	92.02 1.27 0.00	74.13 0.44 0.00
RIVERBAY____ 323610	61.45 3.91 -0.01	57.36 3.95 -0.01	52.56 4.29 -0.01	50.37 3.95 0.00	49.97 3.74 0.00	52.60 3.62 -0.01	55.83 3.55 -0.01	59.27 3.72 -0.01	62.62 3.26 0.00	68.94 3.78 0.00	82.10 5.23 0.00	93.90 6.71 -0.01	104.83 9.35 -0.07	133.44 13.80 2.44	164.53 18.66 2.20	239.80 25.84 -3.85	337.36 30.93 -58.98	391.44 38.13 -45.79	390.17 41.70 -0.94	346.84 35.49 -0.02	242.74 22.47 -0.02	154.37 11.83 -0.01	95.53 5.99 1.21	76.86 3.17 0.00
RIVERSDE_115KV_TB3 55908	58.27 0.75 0.00	54.04 0.64 0.00	48.98 0.72 0.00	47.12 0.70 0.00	46.87 0.65 0.00	49.46 0.49 0.00	52.89 0.63 0.00	55.93 0.39 0.00	59.53 0.18 0.00	65.16 0.00 0.00	77.34 0.46 0.00	88.05 0.87 0.00	97.13 1.72 0.00	125.38 3.30 0.00	152.08 4.00 0.00	235.26 6.72 -18.43	273.79 8.17 -18.18	336.53 10.15 -18.86	363.42 11.47 -4.43	320.99 9.65 0.00	226.20 5.95 0.00	146.10 3.56 0.00	91.84 1.09 0.00	73.98 0.29 0.00
ROARING___BROOK_WT_PWR 323790	56.60 -0.92 0.00	52.60 -0.80 0.00	47.53 -0.72 0.00	45.87 -0.56 0.00	45.76 -0.46 0.00	48.63 -0.34 0.00	52.01 -0.26 0.00	55.38 -0.17 0.00	59.23 -0.12 0.00	65.10 -0.07 0.00	76.49 -0.38 0.00	86.48 -0.70 0.00	94.27 -1.14 0.00	120.66 -1.83 -0.40	146.71 -2.22 -0.84	209.06 -2.94 -1.89	246.52 -3.46 -2.54	307.07 -4.01 -3.56	347.60 -4.15 -4.23	307.86 -3.72 -0.24	217.84 -2.42 0.00	140.68 -1.86 0.00	89.93 -0.82 0.00	73.02 -0.66 0.00

ROCHESRG_115KV_T4 355643	58.16 0.63 0.00	53.46 0.05 0.00	48.11 -0.14 0.00	46.05 -0.37 0.00	45.81 -0.42 0.00	48.33 -0.64 0.00	51.27 -0.99 0.00	54.93 -0.61 0.00	59.89 0.53 0.00	66.40 1.24 0.00	78.88 2.00 0.00	90.32 3.14 0.00	100.56 5.15 0.00	127.95 5.86 0.00	153.56 5.48 0.00	215.15 5.04 0.00	250.17 2.72 0.00	308.75 1.23 0.00	348.91 1.39 0.00	313.51 2.18 0.00	224.44 4.18 0.00	148.38 5.84 0.00	93.38 2.63 0.00	76.42 2.73 0.00
ROCHESTER_9_IC 23652	58.67 1.15 0.00	53.83 0.43 0.00	48.45 0.19 0.00	46.38 -0.05 0.00	46.13 -0.09 0.00	48.67 -0.29 0.00	51.64 -0.63 0.00	55.38 -0.17 0.00	60.42 1.07 0.00	66.99 1.82 0.00	79.64 2.77 0.00	91.19 4.01 0.00	101.61 6.20 0.00	129.17 7.08 0.00	155.19 7.11 0.00	217.25 7.14 0.00	252.89 5.44 0.00	312.13 4.61 0.00	352.39 4.87 0.00	316.94 5.60 0.00	226.64 6.39 0.00	149.95 7.41 0.00	94.29 3.54 0.00	77.15 3.46 0.00
ROCKVIEW_13_KV_LD 356306	60.46 2.93 0.00	56.13 2.72 0.00	51.15 2.90 0.00	49.12 2.69 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.88 2.61 0.00	58.27 2.72 0.00	62.02 2.67 0.00	68.22 3.06 0.00	81.10 4.23 0.00	92.93 5.75 0.00	103.43 8.01 0.00	132.07 11.84 1.86	162.39 15.99 1.68	237.48 23.53 -3.84	334.46 28.21 -58.80	387.92 34.75 -45.66	385.98 37.53 -0.92	343.09 31.76 0.00	240.30 20.04 0.00	153.23 10.69 0.00	95.16 5.08 0.67	76.12 2.43 0.00
ROME____115KV_TB2 80656	60.17 2.65 0.00	55.65 2.24 0.00	50.23 1.98 0.00	48.28 1.86 0.00	48.26 2.03 0.00	51.22 2.25 0.00	54.88 2.61 0.00	58.32 2.78 0.00	62.44 3.09 0.00	67.70 2.54 0.00	79.87 3.00 0.00	91.19 4.01 0.00	100.28 4.87 0.00	127.10 6.35 1.34	153.10 7.85 2.83	214.90 11.14 6.34	251.82 12.87 8.50	312.51 16.91 11.92	354.90 21.55 14.17	331.06 20.55 0.82	235.89 15.64 0.01	152.65 10.12 0.01	96.20 5.45 0.00	77.67 3.98 0.00
ROSETON___1 23587	59.25 1.72 0.00	55.06 1.66 0.00	50.04 1.79 0.00	48.14 1.72 0.00	47.80 1.57 0.00	50.39 1.42 0.00	53.89 1.62 0.00	56.99 1.44 0.00	60.72 1.37 0.00	66.66 1.50 0.00	79.03 2.15 0.00	90.40 3.23 0.00	100.37 4.96 0.00	129.78 7.70 0.00	158.29 10.21 0.00	228.88 15.33 -3.45	267.40 18.31 -1.64	332.46 22.76 -2.19	373.03 24.68 -0.83	332.20 20.86 0.00	233.03 12.77 0.00	149.38 6.84 0.00	93.74 2.99 0.00	74.80 1.11 0.00
ROSETON___2 23588	59.25 1.72 0.00	55.06 1.66 0.00	50.04 1.79 0.00	48.14 1.72 0.00	47.80 1.57 0.00	50.39 1.42 0.00	53.89 1.62 0.00	56.99 1.44 0.00	60.72 1.37 0.00	66.66 1.50 0.00	79.03 2.15 0.00	90.40 3.23 0.00	100.37 4.96 0.00	129.78 7.70 0.00	158.29 10.21 0.00	228.88 15.33 -3.45	267.40 18.31 -1.64	332.46 22.76 -2.19	373.03 24.68 -0.83	332.20 20.86 0.00	233.03 12.77 0.00	149.38 6.84 0.00	93.74 2.99 0.00	74.80 1.11 0.00
ROTRDAM_115KV_TB3 80664	59.02 1.50 0.00	54.74 1.34 0.00	49.61 1.35 0.00	47.73 1.30 0.00	47.47 1.25 0.00	50.19 1.22 0.00	53.57 1.31 0.00	56.71 1.17 0.00	60.36 1.01 0.00	66.07 0.91 0.00	78.26 1.38 0.00	89.18 2.01 0.00	98.27 2.86 0.00	126.48 4.40 0.00	153.56 5.48 0.00	227.28 8.19 -8.98	265.15 9.90 -7.80	328.51 12.61 -8.39	364.97 15.29 -2.16	325.03 13.70 0.00	229.73 9.47 0.00	148.66 6.13 0.00	93.56 2.81 0.00	75.31 1.62 0.00
RUSSELL___1 23602	59.08 1.55 0.00	54.20 0.80 0.00	48.79 0.53 0.00	46.66 0.23 0.00	46.41 0.18 0.00	48.92 -0.05 0.00	51.90 -0.37 0.00	55.71 0.17 0.00	60.84 1.48 0.00	67.51 2.35 0.00	80.34 3.46 0.00	91.97 4.79 0.00	102.47 7.06 0.00	130.27 8.18 0.00	156.37 8.29 0.00	219.14 9.03 0.00	255.12 7.67 0.00	315.20 7.69 0.00	355.86 8.34 0.00	319.74 8.41 0.00	228.63 8.37 0.00	151.23 8.69 0.00	95.02 4.27 0.00	77.67 3.98 0.00
RUSSELL___2 23532	59.08 1.55 0.00	54.20 0.80 0.00	48.79 0.53 0.00	46.66 0.23 0.00	46.41 0.18 0.00	48.92 -0.05 0.00	51.90 -0.37 0.00	55.71 0.17 0.00	60.84 1.48 0.00	67.51 2.35 0.00	80.34 3.46 0.00	91.97 4.79 0.00	102.47 7.06 0.00	130.27 8.18 0.00	156.37 8.29 0.00	219.14 9.03 0.00	255.12 7.67 0.00	315.20 7.69 0.00	355.86 8.34 0.00	319.74 8.41 0.00	228.63 8.37 0.00	151.23 8.69 0.00	95.02 4.27 0.00	77.67 3.98 0.00
RUSSELL___3 23549	59.08 1.55 0.00	54.20 0.80 0.00	48.79 0.53 0.00	46.66 0.23 0.00	46.41 0.18 0.00	48.92 -0.05 0.00	51.90 -0.37 0.00	55.71 0.17 0.00	60.84 1.48 0.00	67.51 2.35 0.00	80.34 3.46 0.00	91.97 4.79 0.00	102.47 7.06 0.00	130.27 8.18 0.00	156.37 8.29 0.00	219.14 9.03 0.00	255.12 7.67 0.00	315.20 7.69 0.00	355.86 8.34 0.00	319.74 8.41 0.00	228.63 8.37 0.00	151.23 8.69 0.00	95.02 4.27 0.00	77.67 3.98 0.00
RUSSELL___4 23556	59.08 1.55 0.00	54.20 0.80 0.00	48.79 0.53 0.00	46.66 0.23 0.00	46.41 0.18 0.00	48.92 -0.05 0.00	51.90 -0.37 0.00	55.71 0.17 0.00	60.84 1.48 0.00	67.51 2.35 0.00	80.34 3.46 0.00	91.97 4.79 0.00	102.47 7.06 0.00	130.27 8.18 0.00	156.37 8.29 0.00	219.14 9.03 0.00	255.12 7.67 0.00	315.20 7.69 0.00	355.86 8.34 0.00	319.74 8.41 0.00	228.63 8.37 0.00	151.23 8.69 0.00	95.02 4.27 0.00	77.67 3.98 0.00
RUSSELL___STATION 23914	59.08 1.55 0.00	54.20 0.80 0.00	48.79 0.53 0.00	46.66 0.23 0.00	46.41 0.18 0.00	48.92 -0.05 0.00	51.90 -0.37 0.00	55.71 0.17 0.00	60.84 1.48 0.00	67.51 2.35 0.00	80.34 3.46 0.00	91.97 4.79 0.00	102.47 7.06 0.00	130.27 8.18 0.00	156.37 8.29 0.00	219.14 9.03 0.00	255.12 7.67 0.00	315.20 7.69 0.00	355.86 8.34 0.00	319.74 8.41 0.00	228.63 8.37 0.00	151.23 8.69 0.00	95.02 4.27 0.00	77.67 3.98 0.00
S SALMON___HYD 24043	57.93 0.41 0.00	53.62 0.21 0.00	48.40 0.15 0.00	46.47 0.05 0.00	46.36 0.14 0.00	49.16 0.20 0.00	52.58 0.32 0.00	55.99 0.44 0.00	59.83 0.47 0.00	65.55 0.39 0.00	77.42 0.54 0.00	88.23 1.05 0.00	96.46 1.05 0.00	121.76 1.22 1.55	145.99 1.18 3.27	204.03 1.27 7.34	238.35 0.74 9.84	295.25 1.55 13.81	334.94 3.83 16.41	315.67 5.29 0.95	225.32 5.07 0.01	146.23 3.70 0.01	93.02 2.27 0.00	75.16 1.47 0.00
S.PERRY___115KV_TB1 80734	59.25 1.73 0.00	54.37 0.96 0.00	48.88 0.63 0.00	46.75 0.32 0.00	46.50 0.28 0.00	49.16 0.20 0.00	52.16 -0.10 0.00	55.49 -0.06 0.00	60.01 0.65 0.00	66.07 0.91 0.00	78.18 1.31 0.00	86.83 -0.35 0.00	96.75 1.34 0.00	123.06 0.98 0.00	147.49 -0.59 0.00	206.32 -3.78 0.00	241.76 -5.69 0.00	299.21 -8.30 0.00	342.66 -4.87 0.00	311.33 0.00 0.00	224.00 3.74 0.00	148.66 6.13 0.00	93.38 2.63 0.00	78.26 4.57 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	58.04 0.52 0.00	53.24 -0.16 0.00	47.82 -0.43 0.00	45.68 -0.74 0.00	45.44 -0.79 0.00	47.89 -1.08 0.00	50.49 -1.78 0.00	53.99 -1.56 0.00	59.53 0.18 0.00	66.40 1.24 0.00	78.88 2.00 0.00	90.58 3.40 0.00	101.61 6.20 0.00	128.56 6.47 0.00	153.71 5.63 0.00	213.47 3.36 0.00	245.47 -1.98 0.00	301.06 -6.46 0.00	340.92 -6.60 0.00	306.35 -4.98 0.00	220.70 0.44 0.00	147.95 5.42 0.00	93.11 2.36 0.00	77.01 3.32 0.00

SAWYER___23_KV_LOAD 55526	58.04 0.52 0.00	53.24 -0.16 0.00	47.82 -0.43 0.00	45.68 -0.74 0.00	45.44 -0.79 0.00	47.89 -1.08 0.00	50.49 -1.78 0.00	53.99 -1.56 0.00	59.53 0.18 0.00	66.40 1.24 0.00	78.88 2.00 0.00	90.58 3.40 0.00	101.61 6.20 0.00	128.56 6.47 0.00	153.71 5.63 0.00	213.47 3.36 0.00	245.47 -1.98 0.00	301.06 -6.46 0.00	340.92 -6.60 0.00	306.35 -4.98 0.00	220.70 0.44 0.00	147.95 5.42 0.00	93.11 2.36 0.00	77.01 3.32 0.00
SELKIRK___I 23801	57.29 -0.23 0.00	53.19 -0.21 0.00	48.21 -0.05 0.00	46.43 0.00 0.00	46.18 -0.05 0.00	48.77 -0.20 0.00	52.01 -0.26 0.00	54.77 -0.78 0.00	58.22 -1.13 0.00	63.60 -1.56 0.00	75.26 -1.62 0.00	85.58 -1.40 0.20	91.78 -0.95 2.67	117.91 -0.37 3.82	136.66 -0.30 11.12	158.26 0.21 52.06	180.36 0.50 67.59	224.62 1.24 84.13	341.68 2.45 8.29	313.20 1.88 0.02	221.35 1.11 0.02	133.80 0.72 9.46	90.21 -0.54 0.00	72.73 -0.96 0.00
SELKIRK___II 23799	57.58 0.06 0.00	53.46 0.05 0.00	48.45 0.19 0.00	46.71 0.28 0.00	46.41 0.19 0.00	49.01 0.05 0.00	52.37 0.10 0.00	55.27 -0.28 0.00	58.88 -0.48 0.00	64.45 -0.72 0.00	76.34 -0.53 0.00	86.21 -0.26 0.71	86.21 0.48 9.68	109.74 1.47 13.82	109.74 1.92 40.26	109.74 3.16 103.52	109.74 3.95 141.66	109.74 5.22 203.00	343.45 5.54 9.61	315.63 4.36 0.06	222.62 2.43 0.06	109.74 1.43 34.22	90.66 -0.09 0.00	73.10 -0.59 0.00
SENECA OSWGO___HYD 24041	56.95 -0.58 0.00	52.71 -0.70 0.00	47.63 -0.63 0.00	45.73 -0.70 0.00	45.53 -0.69 0.00	48.13 -0.83 0.00	51.43 -0.84 0.00	54.77 -0.78 0.00	58.70 -0.65 0.00	64.51 -0.65 0.00	76.42 -0.46 0.00	87.09 -0.09 0.00	96.08 0.67 0.00	122.54 0.97 0.52	147.73 0.74 1.09	208.50 0.84 2.45	244.41 0.25 3.29	302.91 0.00 4.61	342.39 0.35 5.48	311.95 0.94 0.32	221.81 1.55 0.00	144.10 1.57 0.00	90.84 0.09 0.00	73.54 -0.15 0.00
SENECA___115KV_TB3 355854	58.73 1.21 0.00	53.83 0.43 0.00	48.35 0.10 0.00	46.24 -0.19 0.00	45.99 -0.23 0.00	48.48 -0.49 0.00	51.12 -1.15 0.00	54.66 -0.89 0.00	60.18 0.83 0.00	67.18 2.02 0.00	79.95 3.08 0.00	91.88 4.71 0.00	103.04 7.63 0.00	130.51 8.42 0.00	156.08 8.00 0.00	217.04 6.93 0.00	249.68 2.23 0.00	306.59 -0.92 0.00	347.18 -0.35 0.00	311.96 0.62 0.00	224.44 4.18 0.00	150.23 7.70 0.00	94.38 3.63 0.00	77.89 4.20 0.00
SENECA___ENERGY 23797	58.22 0.69 0.00	53.67 0.27 0.00	48.50 0.24 0.00	46.47 0.05 0.00	46.32 0.09 0.00	48.97 0.00 0.00	52.16 -0.10 0.00	55.77 0.22 0.00	60.01 0.65 0.00	66.20 1.04 0.00	78.65 1.77 0.00	89.79 2.61 0.00	99.42 4.01 0.00	126.43 4.64 0.30	152.33 4.88 0.63	214.56 5.87 1.42	250.98 5.44 1.91	310.99 6.15 2.67	352.34 8.00 3.18	319.23 8.08 0.18	227.30 7.05 0.00	148.66 6.12 0.00	93.38 2.63 0.00	75.98 2.29 0.00
SHOEMAKER___GT 23640	59.31 1.79 0.00	55.06 1.66 0.00	49.99 1.73 0.00	48.05 1.62 0.00	47.75 1.52 0.00	50.39 1.42 0.00	53.83 1.57 0.00	56.93 1.39 0.00	60.72 1.37 0.00	66.66 1.50 0.00	79.03 2.15 0.00	90.40 3.23 0.00	100.27 4.86 0.00	129.54 7.45 0.00	158.00 9.92 0.00	227.86 14.70 -3.05	289.46 18.05 -23.95	348.96 22.44 -19.01	373.30 25.04 -0.74	332.52 21.18 0.00	233.69 13.44 0.00	149.94 7.41 0.00	94.11 3.36 0.00	75.24 1.55 0.00
SHOEMAKR_138KV_BK 111 55601	59.25 1.73 0.00	55.01 1.60 0.00	49.99 1.74 0.00	48.05 1.62 0.00	47.75 1.53 0.00	50.34 1.37 0.00	53.78 1.52 0.00	56.99 1.44 0.00	60.66 1.31 0.00	66.66 1.50 0.00	79.11 2.23 0.00	90.40 3.23 0.00	100.28 4.87 0.00	129.54 7.45 0.00	158.00 9.92 0.00	228.03 14.92 -3.01	288.43 18.06 -22.92	348.18 22.45 -18.21	372.92 24.67 -0.73	332.51 21.17 0.00	233.47 13.22 0.00	149.66 7.13 0.00	93.93 3.18 0.00	75.09 1.40 0.00
SHOREHAM_IC_1 23715	59.83 2.30 0.00	56.61 3.20 0.00	51.63 3.38 0.00	49.26 2.83 0.00	48.81 2.59 0.00	51.36 2.40 0.00	54.83 2.56 0.00	57.32 1.78 0.00	60.29 0.95 0.01	66.06 0.91 0.02	80.18 3.30 0.00	94.20 5.66 -1.36	104.76 8.87 -0.47	136.57 13.31 -1.18	172.81 17.32 -7.42	293.18 24.57 -58.50	327.79 23.25 -57.09	375.75 29.82 -38.41	373.47 32.33 6.38	325.21 23.97 10.10	234.90 20.70 6.06	150.08 10.12 2.58	94.29 3.54 0.00	68.81 1.70 6.58
SHOREHAM_IC_2 23716	60.05 2.53 0.00	56.61 3.20 0.00	51.68 3.43 0.00	49.26 2.83 0.00	48.86 2.63 0.00	51.41 2.45 0.00	54.83 2.56 0.00	58.21 2.67 0.00	60.53 1.19 0.01	66.06 0.91 0.02	80.34 3.46 0.00	94.21 5.67 -1.36	104.66 8.78 -0.47	136.57 13.31 -1.18	172.82 17.33 -7.42	293.19 24.58 -58.50	327.80 23.26 -57.09	375.75 29.83 -38.41	373.81 32.67 6.38	325.21 23.97 10.10	235.12 20.92 6.06	149.93 9.98 2.58	94.02 3.27 0.00	68.81 1.69 6.58
SISSONVILLE____ 23735	57.75 0.23 0.00	53.78 0.37 0.00	48.16 -0.10 0.00	46.47 0.05 0.00	46.41 0.18 0.00	49.55 0.59 0.00	53.05 0.78 0.00	56.38 0.83 0.00	59.59 0.24 0.00	65.36 0.20 0.00	76.18 -0.69 0.00	85.78 -1.39 0.00	91.21 -4.20 0.00	96.60 -9.64 15.84	103.01 -11.70 33.37	119.03 -16.18 74.90	129.02 -18.06 100.37	145.45 -21.22 140.85	156.82 -23.28 167.42	121.44 -19.61 170.28	108.08 -12.77 99.40	98.06 -8.12 36.35	90.66 -0.09 0.00	74.65 0.96 0.00
SITHE_IND_GS1 24169	56.03 -1.50 0.00	51.91 -1.49 0.00	46.96 -1.30 0.00	45.08 -1.35 0.00	44.88 -1.34 0.00	47.45 -1.52 0.00	50.64 -1.62 0.00	53.93 -1.61 0.00	57.81 -1.54 0.00	63.53 -1.63 0.00	75.18 -1.69 0.00	85.61 -1.57 0.00	94.27 -1.14 0.00	120.63 -1.46 0.00	146.01 -2.07 0.00	206.74 -3.37 0.00	242.74 -4.71 0.00	301.37 -6.15 0.00	340.58 -6.95 0.00	305.74 -5.60 0.00	216.72 -3.53 0.00	140.97 -1.56 0.00	89.12 -1.63 0.00	72.29 -1.40 0.00
SITHE_IND_GS2 24170	56.03 -1.50 0.00	51.91 -1.49 0.00	46.96 -1.30 0.00	45.08 -1.35 0.00	44.88 -1.34 0.00	47.45 -1.52 0.00	50.64 -1.62 0.00	53.93 -1.61 0.00	57.81 -1.54 0.00	63.53 -1.63 0.00	75.18 -1.69 0.00	85.61 -1.57 0.00	94.27 -1.14 0.00	120.63 -1.46 0.00	146.01 -2.07 0.00	206.74 -3.37 0.00	242.74 -4.71 0.00	301.37 -6.15 0.00	340.58 -6.95 0.00	305.74 -5.60 0.00	216.72 -3.53 0.00	140.97 -1.56 0.00	89.12 -1.63 0.00	72.29 -1.40 0.00
SITHE_IND_GS3 24171	56.03 -1.50 0.00	51.91 -1.49 0.00	46.96 -1.30 0.00	45.08 -1.35 0.00	44.88 -1.34 0.00	47.45 -1.52 0.00	50.64 -1.62 0.00	53.93 -1.61 0.00	57.81 -1.54 0.00	63.53 -1.63 0.00	75.18 -1.69 0.00	85.61 -1.57 0.00	94.27 -1.14 0.00	120.63 -1.46 0.00	146.01 -2.07 0.00	206.74 -3.37 0.00	242.74 -4.71 0.00	301.37 -6.15 0.00	340.58 -6.95 0.00	305.74 -5.60 0.00	216.72 -3.53 0.00	140.97 -1.56 0.00	89.12 -1.63 0.00	72.29 -1.40 0.00
SITHE_IND_GS4 24172	56.03 -1.50 0.00	51.91 -1.49 0.00	46.96 -1.30 0.00	45.08 -1.35 0.00	44.88 -1.34 0.00	47.45 -1.52 0.00	50.64 -1.62 0.00	53.93 -1.61 0.00	57.81 -1.54 0.00	63.53 -1.63 0.00	75.18 -1.69 0.00	85.61 -1.57 0.00	94.27 -1.14 0.00	120.63 -1.46 0.00	146.01 -2.07 0.00	206.74 -3.37 0.00	242.74 -4.71 0.00	301.37 -6.15 0.00	340.58 -6.95 0.00	305.74 -5.60 0.00	216.72 -3.53 0.00	140.97 -1.56 0.00	89.12 -1.63 0.00	72.29 -1.40 0.00

SITHE___BATAVIA 24024	59.83 2.30 0.00	54.74 1.34 0.00	49.22 0.96 0.00	46.99 0.56 0.00	46.92 0.69 0.00	49.21 0.25 0.00	51.79 -0.47 0.00	56.04 0.50 0.00	60.96 1.60 0.00	66.66 1.50 0.00	79.26 2.39 0.00	90.92 3.75 0.00	101.99 6.58 0.00	128.92 6.83 0.00	154.15 6.07 0.00	215.14 5.03 0.00	248.94 1.49 0.00	306.60 -0.92 0.00	348.57 1.05 0.00	313.53 2.19 0.00	225.53 5.28 0.00	150.51 7.98 0.00	94.47 3.72 0.00	77.59 3.90 0.00
SITHE___INDEPEND 23800	56.03 -1.50 0.00	51.91 -1.50 0.00	46.91 -1.35 0.00	45.08 -1.35 0.00	44.89 -1.34 0.00	47.45 -1.52 0.00	50.65 -1.62 0.00	53.88 -1.67 0.00	57.81 -1.54 0.00	63.53 -1.63 0.00	75.19 -1.69 0.00	85.61 -1.57 0.00	94.27 -1.14 0.00	120.62 -1.47 0.00	146.01 -2.07 0.00	206.74 -3.36 0.00	242.75 -4.70 0.00	301.37 -6.15 0.00	340.57 -6.95 0.00	305.73 -5.60 0.00	216.73 -3.52 0.00	140.97 -1.57 0.00	89.12 -1.63 0.00	72.29 -1.40 0.00
SITHE___MASSENA 23902	57.70 0.17 0.00	53.73 0.32 0.00	48.21 -0.05 0.00	46.47 0.05 0.00	46.32 0.09 0.00	49.36 0.39 0.00	52.73 0.47 0.00	56.21 0.67 0.00	59.89 0.53 0.00	65.81 0.65 0.00	76.95 0.08 0.00	86.57 -0.61 0.00	92.26 -3.15 0.00	92.18 -6.71 23.20	91.07 -8.14 48.87	89.09 -11.35 109.67	87.87 -12.61 146.97	85.91 -15.37 206.24	85.01 -17.37 245.14	89.96 -15.25 206.12	91.31 -10.13 118.82	92.08 -6.98 43.47	90.21 -0.54 0.00	74.21 0.52 0.00
SITHE___OGDNSBRG 24021	58.85 1.32 0.00	54.79 1.39 0.00	49.03 0.77 0.00	47.31 0.88 0.00	47.24 1.02 0.00	50.48 1.52 0.00	53.94 1.67 0.00	57.27 1.72 0.00	60.54 1.19 0.00	66.33 1.17 0.00	77.18 0.31 0.00	86.74 -0.44 0.00	92.26 -3.15 0.00	95.45 -7.94 18.70	99.07 -9.63 39.39	108.67 -13.03 88.40	115.13 -13.86 118.47	125.90 -15.38 166.24	134.28 -15.64 197.61	115.92 -11.21 184.20	106.93 -6.39 106.94	99.00 -4.42 39.12	92.57 1.82 0.00	76.12 2.43 0.00
SITHE___STERLING 23777	59.54 2.01 0.00	55.11 1.71 0.00	49.75 1.50 0.00	47.82 1.39 0.00	47.75 1.52 0.00	50.58 1.61 0.00	54.14 1.88 0.00	57.60 2.06 0.00	61.61 2.25 0.00	66.79 1.63 0.00	78.87 2.00 0.00	89.97 2.79 0.00	98.94 3.53 0.00	126.20 5.01 0.90	152.27 6.07 1.89	214.49 8.62 4.23	251.69 9.91 5.67	312.17 12.61 7.96	354.06 15.99 9.46	326.04 15.25 0.55	231.92 11.67 0.00	150.37 7.83 0.00	94.65 3.90 0.00	76.42 2.73 0.00
SLEIGHT__34_KV_TB1 80719	58.04 0.52 0.00	53.46 0.05 0.00	48.16 -0.10 0.00	46.10 -0.32 0.00	45.90 -0.32 0.00	48.48 -0.49 0.00	51.64 -0.63 0.00	55.27 -0.28 0.00	59.95 0.59 0.00	66.27 1.11 0.00	78.80 1.92 0.00	90.14 2.96 0.00	100.09 4.68 0.00	127.70 5.62 0.00	153.71 5.63 0.00	216.20 6.09 0.00	252.40 4.95 0.00	312.44 4.92 0.00	353.43 5.91 0.00	317.56 6.23 0.00	226.64 6.39 0.00	148.81 6.27 0.00	93.47 2.72 0.00	76.05 2.36 0.00
SMITHTWN_69_KV_BK 1 55830	60.51 2.99 0.00	57.20 3.79 0.00	52.26 4.01 0.00	49.77 3.34 0.00	49.42 3.19 0.00	52.00 3.04 0.00	55.51 3.24 0.00	58.88 3.33 0.00	61.13 1.78 0.01	66.77 1.63 0.02	81.11 4.23 0.00	94.86 6.28 -1.41	105.34 9.45 -0.49	137.36 13.92 -1.35	173.92 18.21 -7.62	295.12 26.26 -58.75	334.44 29.69 -57.30	383.35 37.21 -38.62	382.37 41.01 6.16	333.05 31.76 10.04	236.25 22.03 6.03	150.66 10.69 2.56	94.65 3.90 0.00	69.59 2.43 6.53
SOUTH CAIRO___GT 23612	59.94 2.42 0.00	55.49 2.08 0.00	50.19 1.93 0.00	48.19 1.76 0.00	47.89 1.66 0.00	50.63 1.66 0.00	54.15 1.88 0.00	56.93 1.39 0.00	60.42 1.07 0.00	65.81 0.65 0.00	77.95 1.08 0.00	89.20 2.27 0.25	95.25 3.24 3.40	122.60 5.37 4.86	140.74 6.81 14.15	162.28 11.56 59.39	186.30 15.59 76.74	231.20 21.83 98.15	365.74 27.11 8.89	334.97 23.66 0.02	236.97 16.74 0.02	141.19 10.69 12.04	95.02 4.27 0.00	76.56 2.87 0.00
SOUTH HAMPTN___IC 23720	61.15 3.63 0.00	57.73 4.32 0.00	52.65 4.39 0.00	50.18 3.76 0.00	49.74 3.51 0.00	52.34 3.38 0.00	55.82 3.56 0.00	58.49 2.94 0.00	61.78 2.43 0.01	67.82 2.67 0.02	82.49 5.61 0.00	96.97 8.45 -1.34	107.90 12.02 -0.47	140.66 17.46 -1.12	177.79 22.36 -7.35	299.21 30.68 -58.43	337.13 32.66 -57.02	386.76 40.90 -38.34	385.57 44.49 6.45	335.16 33.94 10.12	239.51 25.32 6.07	153.21 13.26 2.58	96.01 5.26 0.00	70.42 3.32 6.59
SOUTHDOW_115KV_TB1 355954	60.34 2.82 0.00	55.33 1.92 0.00	49.70 1.45 0.00	47.54 1.11 0.00	47.34 1.11 0.00	49.99 1.03 0.00	53.68 1.41 0.00	57.38 1.83 0.00	63.15 3.80 0.00	70.63 5.47 0.00	84.26 7.38 0.00	97.12 9.94 0.00	106.10 10.69 0.00	134.54 12.45 0.00	161.11 13.03 0.00	224.60 14.50 0.00	259.08 11.63 0.00	316.13 8.61 0.00	358.64 11.12 0.00	322.54 11.21 0.00	231.27 11.01 0.00	153.65 11.12 0.00	96.29 5.54 0.00	79.07 5.38 0.00
SOUTHOLD_69_KV_BK 2 55809	62.82 5.29 0.00	59.01 5.61 0.00	53.81 5.55 0.00	51.21 4.78 0.00	50.76 4.53 0.00	53.37 4.41 0.00	56.81 4.55 0.00	60.60 5.05 0.00	63.44 4.10 0.01	69.58 4.43 0.02	85.03 8.15 0.00	99.85 11.33 -1.34	110.95 15.07 -0.47	144.70 21.49 -1.12	182.53 27.10 -7.35	301.31 32.78 -58.43	339.37 34.89 -57.03	389.52 43.67 -38.34	387.64 46.57 6.45	335.77 34.56 10.12	239.07 24.89 6.07	156.06 16.11 2.58	97.38 6.62 0.00	71.89 4.79 6.59
SOUTHOLD___IC 23719	62.59 5.06 0.00	59.01 5.61 0.00	53.76 5.50 0.00	51.21 4.78 0.00	50.71 4.48 0.00	53.37 4.41 0.00	56.81 4.54 0.00	59.71 4.17 0.00	63.26 3.92 0.01	69.58 4.43 0.02	84.80 7.92 0.00	99.85 11.33 -1.34	111.05 15.17 -0.47	144.82 21.61 -1.12	182.68 27.25 -7.35	301.10 32.57 -58.43	339.37 34.90 -57.03	389.51 43.65 -38.34	387.66 46.58 6.45	335.77 34.55 10.12	239.07 24.88 6.07	156.19 16.24 2.58	97.56 6.81 0.00	71.89 4.79 6.59
SOUTH_FORK_WT_PWR 323839	62.70 5.18 0.00	59.12 5.72 0.00	53.80 5.55 0.00	51.25 4.83 0.00	50.76 4.53 0.00	53.42 4.46 0.00	56.81 4.54 0.00	59.76 4.22 0.00	63.26 3.92 0.01	69.58 4.43 0.02	84.88 7.99 0.00	99.85 11.33 -1.34	111.05 15.17 -0.47	144.57 21.36 -1.12	182.24 26.81 -7.35	302.37 33.83 -58.43	340.60 36.13 -57.02	390.75 44.90 -38.34	388.69 47.61 6.45	336.08 34.86 10.12	239.51 25.32 6.07	154.91 14.96 2.58	96.83 6.08 0.00	71.52 4.42 6.59
SPIERFLS_115KV_TB 1 80737	60.23 2.70 0.00	55.65 2.24 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.07 1.85 0.00	50.83 1.86 0.00	54.41 2.14 0.00	57.71 2.17 0.00	61.49 2.14 0.00	67.18 2.02 0.00	79.11 2.23 0.00	90.32 3.14 0.00	99.42 4.01 0.00	127.95 5.86 0.00	155.04 6.96 0.00	236.53 11.56 -14.86	275.92 14.10 -14.36	340.96 18.45 -14.99	376.81 25.72 -3.57	335.00 23.66 0.00	237.66 17.40 0.00	153.80 11.26 0.00	96.20 5.45 0.00	77.23 3.54 0.00
ST LAWRENCE____ 23600	56.95 -0.58 0.00	53.03 -0.37 0.00	47.73 -0.53 0.00	45.96 -0.46 0.00	45.85 -0.37 0.00	48.77 -0.20 0.00	52.06 -0.21 0.00	55.49 -0.06 0.00	59.23 -0.12 0.00	65.10 -0.07 0.00	76.26 -0.62 0.00	85.69 -1.48 0.00	92.17 -3.24 0.00	118.53 -5.37 -1.82	145.24 -6.66 -3.82	209.45 -9.24 -8.58	248.80 -10.16 -11.50	311.35 -12.31 -16.14	352.80 -13.91 -19.19	302.70 -12.15 -3.52	213.38 -8.37 -1.50	137.38 -5.71 -0.55	89.21 -1.54 0.00	73.25 -0.44 0.00

STATE_CA_115KV_115_LB 55624	58.39 0.86 0.00	54.10 0.69 0.00	49.08 0.82 0.00	47.17 0.74 0.00	46.92 0.69 0.00	49.50 0.54 0.00	52.94 0.68 0.00	55.99 0.44 0.00	59.65 0.30 0.00	65.29 0.13 0.00	77.49 0.62 0.00	88.31 1.13 0.00	97.41 2.00 0.00	125.75 3.66 0.00	152.52 4.44 0.00	222.34 7.14 -5.09	259.16 8.66 -3.05	322.00 10.76 -3.72	360.91 12.16 -1.22	321.61 10.27 0.00	226.86 6.61 0.00	146.53 3.99 0.00	92.02 1.27 0.00	74.21 0.52 0.00
STATE_ST_34_KV_LOAD 55959	58.27 0.75 0.00	53.83 0.43 0.00	48.59 0.34 0.00	46.61 0.19 0.00	46.41 0.18 0.00	49.11 0.15 0.00	52.42 0.16 0.00	55.82 0.28 0.00	60.07 0.71 0.00	66.07 0.91 0.00	78.41 1.54 0.00	89.53 2.35 0.00	98.85 3.43 0.00	126.29 4.52 0.31	152.46 5.03 0.66	214.93 6.30 1.48	251.90 6.43 1.98	312.73 8.00 2.78	353.95 9.73 3.31	320.80 9.65 0.19	228.40 8.15 0.00	148.81 6.27 0.00	93.56 2.81 0.00	75.75 2.06 0.00
STATION_5_MISC_HYD 23604	58.67 1.15 0.00	53.83 0.43 0.00	48.55 0.29 0.00	46.38 -0.05 0.00	46.27 0.05 0.00	48.67 -0.29 0.00	51.64 -0.62 0.00	55.71 0.17 0.00	60.42 1.07 0.00	66.98 1.82 0.00	79.64 2.76 0.00	91.19 4.01 0.00	101.71 6.30 0.00	128.92 6.83 0.00	154.90 6.82 0.00	217.25 7.15 0.00	252.89 5.44 0.00	312.14 4.62 0.00	353.07 5.54 0.00	316.94 5.61 0.00	226.65 6.39 0.00	149.94 7.41 0.00	94.29 3.54 0.00	77.15 3.46 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	58.39 0.86 0.00	53.72 0.32 0.00	48.45 0.19 0.00	46.38 -0.05 0.00	46.18 -0.05 0.00	48.77 -0.20 0.00	51.85 -0.42 0.00	55.49 -0.06 0.00	60.24 0.89 0.00	66.59 1.43 0.00	79.18 2.31 0.00	90.49 3.31 0.00	100.37 4.96 0.00	128.07 5.98 0.00	154.00 5.92 0.00	216.62 6.51 0.00	252.89 5.44 0.00	313.36 5.84 0.00	354.13 6.60 0.00	318.18 6.85 0.00	227.08 6.83 0.00	149.38 6.84 0.00	93.84 3.09 0.00	76.49 2.80 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	58.50 0.98 0.00	53.72 0.32 0.00	48.35 0.10 0.00	46.24 -0.19 0.00	45.99 -0.23 0.00	48.57 -0.39 0.00	51.53 -0.73 0.00	55.27 -0.28 0.00	60.30 0.95 0.00	66.86 1.69 0.00	79.57 2.69 0.00	91.10 3.92 0.00	101.42 6.01 0.00	129.17 7.08 0.00	155.04 6.96 0.00	217.25 7.14 0.00	252.89 5.44 0.00	312.44 4.92 0.00	352.74 5.21 0.00	316.94 5.60 0.00	226.64 6.39 0.00	149.80 7.27 0.00	94.11 3.36 0.00	76.86 3.17 0.00
STA_56___34_KV_BUS2 355983	58.50 0.98 0.00	53.72 0.32 0.00	48.35 0.10 0.00	46.24 -0.19 0.00	45.99 -0.23 0.00	48.57 -0.39 0.00	51.53 -0.73 0.00	55.27 -0.28 0.00	60.30 0.95 0.00	66.86 1.69 0.00	79.57 2.69 0.00	91.10 3.92 0.00	101.42 6.01 0.00	129.17 7.08 0.00	155.04 6.96 0.00	217.25 7.14 0.00	252.89 5.44 0.00	312.44 4.92 0.00	352.74 5.21 0.00	316.94 5.60 0.00	226.64 6.39 0.00	149.80 7.27 0.00	94.11 3.36 0.00	76.86 3.17 0.00
STA_67___115KV_BK2 355882	58.44 0.92 0.00	53.67 0.27 0.00	48.35 0.10 0.00	46.24 -0.19 0.00	45.99 -0.23 0.00	48.53 -0.44 0.00	51.48 -0.78 0.00	55.21 -0.33 0.00	60.18 0.83 0.00	66.79 1.63 0.00	79.34 2.46 0.00	90.84 3.66 0.00	101.23 5.82 0.00	128.68 6.59 0.00	154.60 6.52 0.00	216.41 6.30 0.00	251.90 4.45 0.00	310.90 3.38 0.00	351.00 3.48 0.00	315.69 4.36 0.00	225.76 5.51 0.00	149.38 6.84 0.00	93.93 3.18 0.00	76.86 3.17 0.00
STA_7___115KV_9TRANS 80674	59.08 1.55 0.00	54.20 0.80 0.00	48.79 0.53 0.00	46.66 0.23 0.00	46.41 0.18 0.00	48.92 -0.05 0.00	51.90 -0.37 0.00	55.71 0.17 0.00	60.84 1.48 0.00	67.51 2.35 0.00	80.34 3.46 0.00	91.97 4.79 0.00	102.47 7.06 0.00	130.27 8.18 0.00	156.37 8.29 0.00	219.14 9.03 0.00	255.12 7.67 0.00	315.20 7.69 0.00	355.86 8.34 0.00	319.74 8.41 0.00	228.63 8.37 0.00	151.23 8.69 0.00	95.02 4.27 0.00	77.67 3.98 0.00
STA_82___115KV_TB1 80780	58.50 0.98 0.00	53.72 0.32 0.00	48.35 0.10 0.00	46.24 -0.19 0.00	46.04 -0.18 0.00	48.53 -0.44 0.00	51.48 -0.78 0.00	55.21 -0.33 0.00	60.24 0.89 0.00	66.79 1.63 0.00	79.41 2.54 0.00	90.93 3.75 0.00	101.23 5.82 0.00	128.80 6.71 0.00	154.60 6.52 0.00	216.62 6.51 0.00	251.90 4.45 0.00	310.90 3.38 0.00	351.35 3.82 0.00	316.00 4.67 0.00	225.98 5.73 0.00	149.52 6.98 0.00	94.02 3.27 0.00	76.86 3.17 0.00
STEEL___WIND 323596	58.67 1.15 0.00	53.78 0.38 0.00	48.35 0.10 0.00	46.20 -0.23 0.00	46.13 -0.09 0.00	48.43 -0.54 0.00	51.07 -1.20 0.00	55.16 -0.39 0.00	60.12 0.77 0.00	67.05 1.89 0.00	79.72 2.85 0.00	91.71 4.53 0.00	102.95 7.54 0.00	129.91 7.82 0.00	155.33 7.25 0.00	216.63 6.52 0.00	249.42 1.97 0.00	306.29 -1.23 0.00	347.52 0.00 0.00	311.65 0.31 0.00	224.22 3.97 0.00	150.08 7.55 0.00	94.29 3.54 0.00	77.81 4.12 0.00
STEPHTWN_115KV_BK_2 55603	58.62 1.09 0.00	54.31 0.91 0.00	49.22 0.97 0.00	47.31 0.88 0.00	47.06 0.83 0.00	49.65 0.69 0.00	53.15 0.89 0.00	56.21 0.67 0.00	59.83 0.47 0.00	65.42 0.26 0.00	77.65 0.77 0.00	88.40 1.22 0.00	97.51 2.10 0.00	125.87 3.78 0.00	152.82 4.74 0.00	148.99 7.98 69.10	175.50 9.65 81.60	239.20 12.61 80.93	345.17 14.25 16.60	323.48 12.14 0.00	228.19 7.93 0.00	147.38 4.85 0.00	92.48 1.72 0.00	74.57 0.88 0.00
STEUBEN_REC_LFGE 323667	59.88 2.36 0.00	54.95 1.55 0.00	49.56 1.30 0.00	47.45 1.02 0.00	47.20 0.97 0.00	49.90 0.93 0.00	53.00 0.73 0.00	56.32 0.78 0.00	61.25 1.90 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.32 5.14 0.00	102.85 7.44 0.00	131.00 8.91 0.00	157.11 9.03 0.00	220.19 10.09 0.00	255.62 8.17 0.00	317.05 9.53 0.00	361.08 13.55 0.00	325.66 14.32 0.00	233.91 13.66 0.00	154.65 12.12 0.00	96.74 5.99 0.00	79.44 5.75 0.00
STILLWATER___SOLAR 323814	60.28 2.76 0.00	55.81 2.41 0.00	50.48 2.22 0.00	48.52 2.09 0.00	48.26 2.03 0.00	50.97 2.01 0.00	54.51 2.25 0.00	57.71 2.16 0.00	61.43 2.08 0.00	67.11 1.95 0.00	79.34 2.46 0.00	90.57 3.40 0.00	99.90 4.49 0.00	128.68 6.59 0.00	155.92 7.84 0.00	240.52 12.61 -17.81	280.20 15.10 -17.66	345.51 19.70 -18.30	376.12 24.32 -4.28	333.44 22.11 0.00	235.90 15.64 0.00	152.80 10.27 0.00	95.83 5.08 0.00	77.08 3.39 0.00
STONY___BROOK 24151	60.28 2.76 0.00	57.14 3.74 0.00	52.16 3.91 0.00	49.72 3.30 0.00	49.32 3.10 0.00	51.90 2.94 0.00	55.45 3.19 0.00	57.93 2.39 0.00	60.89 1.54 0.01	66.65 1.50 0.02	80.72 3.84 0.00	94.41 5.84 -1.40	104.86 8.97 -0.48	136.57 13.19 -1.29	172.65 17.02 -7.55	293.13 24.36 -58.66	331.90 27.22 -57.23	380.50 34.43 -38.55	379.18 37.89 6.23	330.24 28.96 10.06	234.71 20.49 6.03	149.79 9.83 2.57	94.39 3.63 0.00	69.28 2.14 6.55
STURGEON_POOL_HYD 23609	59.59 2.07 0.00	55.38 1.98 0.00	50.33 2.08 0.00	48.38 1.95 0.00	48.07 1.85 0.00	50.63 1.66 0.00	54.09 1.83 0.00	57.32 1.78 0.00	61.01 1.66 0.00	67.12 1.95 0.00	79.72 2.84 0.00	91.48 4.36 0.05	100.96 6.30 0.75	130.66 9.64 1.07	157.85 12.88 3.12	218.52 19.12 10.71	257.10 23.51 13.85	318.01 29.21 18.72	377.82 31.62 1.33	337.48 26.15 0.00	236.77 16.52 0.00	149.26 9.41 2.69	94.74 3.99 0.00	75.53 1.84 0.00

ST_LAW_115_BK7_LBMP 345037	56.95 -0.58 0.00	53.03 -0.37 0.00	47.73 -0.53 0.00	45.96 -0.46 0.00	45.85 -0.37 0.00	48.77 -0.20 0.00	52.06 -0.21 0.00	55.55 0.00 0.00	59.23 -0.12 0.00	65.10 -0.07 0.00	76.26 -0.62 0.00	85.61 -1.57 0.00	91.88 -3.53 0.00	118.27 -5.98 -2.16	145.39 -7.25 -4.56	210.25 -10.08 -10.23	249.78 -11.38 -13.71	312.92 -13.83 -19.24	354.76 -15.63 -22.87	302.86 -5.21 -5.21	213.43 -9.24 -2.42	137.16 -6.27 -0.89	89.12 -1.63 0.00	73.25 -0.44 0.00
ST_LAW_115_BK8_LBMP 345038	56.95 -0.58 0.00	53.03 -0.37 0.00	47.73 -0.53 0.00	45.96 -0.46 0.00	45.85 -0.37 0.00	48.77 -0.20 0.00	52.06 -0.21 0.00	55.55 0.00 0.00	59.23 -0.12 0.00	65.10 -0.07 0.00	76.26 -0.62 0.00	85.61 -1.57 0.00	91.88 -3.53 0.00	118.27 -5.98 -2.16	145.39 -7.25 -4.56	210.25 -10.08 -10.23	249.78 -11.38 -13.71	312.92 -13.83 -19.24	354.76 -15.63 -22.87	302.86 -13.69 -5.21	213.43 -9.24 -2.42	137.16 -6.27 -0.89	89.12 -1.63 0.00	73.25 -0.44 0.00
ST_LAW_230_BK5_LBMP 345035	56.95 -0.58 0.00	53.03 -0.37 0.00	47.73 -0.53 0.00	45.96 -0.46 0.00	45.85 -0.37 0.00	48.77 -0.20 0.00	52.06 -0.21 0.00	55.49 -0.06 0.00	59.23 -0.12 0.00	65.10 -0.07 0.00	76.26 -0.62 0.00	85.69 -1.48 0.00	92.17 -3.24 0.00	117.97 -5.37 -1.25	144.05 -6.66 -2.64	206.78 -9.24 -5.91	245.22 -10.16 -7.93	306.33 -12.31 -11.12	346.83 -13.91 -13.22	299.95 -12.15 -0.76	211.89 -8.37 -0.01	136.84 -5.71 -0.01	89.21 -1.54 0.00	73.25 -0.44 0.00
ST_LAW_230_BK6_LBMP 345036	56.95 -0.58 0.00	53.03 -0.37 0.00	47.73 -0.53 0.00	45.96 -0.46 0.00	45.85 -0.37 0.00	48.77 -0.20 0.00	52.06 -0.21 0.00	55.49 -0.06 0.00	59.23 -0.12 0.00	65.10 -0.07 0.00	76.26 -0.62 0.00	85.69 -1.48 0.00	92.17 -3.24 0.00	117.97 -5.37 -1.25	144.05 -6.66 -2.64	206.78 -9.24 -5.91	245.22 -10.16 -7.93	306.33 -12.31 -11.12	346.83 -13.91 -13.22	299.95 -12.15 -0.76	211.89 -8.37 -0.01	136.84 -5.71 -0.01	89.21 -1.54 0.00	73.25 -0.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	59.42 1.90 0.00	55.17 1.76 0.00	50.19 1.93 0.00	48.19 1.76 0.00	47.89 1.66 0.00	50.48 1.52 0.00	53.94 1.67 0.00	57.21 1.67 0.00	60.90 1.54 0.00	66.92 1.76 0.00	79.49 2.61 0.00	90.93 3.75 0.00	101.04 5.63 0.00	130.76 8.67 0.00	159.48 11.40 0.00	230.52 17.23 -3.19	295.65 20.79 -27.41	355.02 25.83 -21.67	376.44 28.15 -0.77	335.00 23.66 0.00	235.01 14.76 0.00	150.37 7.84 0.00	94.20 3.45 0.00	75.16 1.47 0.00
SWANROAD_115KV_TB1 355699	57.64 0.12 0.00	52.82 -0.59 0.00	47.44 -0.82 0.00	45.31 -1.11 0.00	45.12 -1.11 0.00	47.45 -1.52 0.00	49.55 -2.72 0.00	52.77 -2.78 0.00	58.23 -1.13 0.00	64.84 -0.33 0.00	77.03 0.15 0.00	88.40 1.22 0.00	99.23 3.82 0.00	125.26 3.17 0.00	149.56 1.48 0.00	207.59 -2.52 0.00	238.29 -9.16 0.00	292.14 -15.38 0.00	330.49 -17.03 0.00	297.32 -14.01 0.00	214.53 -5.73 0.00	144.25 1.71 0.00	90.93 0.18 0.00	75.38 1.69 0.00
SYNERGY___BIOGAS 323694	59.82 2.30 0.00	54.74 1.34 0.00	49.17 0.92 0.00	46.98 0.56 0.00	46.73 0.51 0.00	49.21 0.24 0.00	51.80 -0.47 0.00	55.49 -0.06 0.00	60.96 1.60 0.00	66.66 1.50 0.00	79.26 2.38 0.00	90.93 3.75 0.00	101.90 6.49 0.00	129.29 7.20 0.00	154.45 6.37 0.00	215.15 5.04 0.00	248.69 1.24 0.00	306.59 -0.92 0.00	347.52 0.00 0.00	313.51 2.18 0.00	225.32 5.07 0.00	150.52 7.98 0.00	94.47 3.72 0.00	77.59 3.91 0.00
SYRACUSE___ENERGY_ST1 323597	57.35 -0.17 0.00	53.08 -0.32 0.00	47.92 -0.34 0.00	46.01 -0.42 0.00	45.81 -0.42 0.00	48.48 -0.49 0.00	51.74 -0.52 0.00	55.10 -0.44 0.00	59.18 -0.18 0.00	65.10 -0.07 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.03 1.62 0.00	124.03 2.32 0.38	149.80 2.52 0.80	211.47 3.15 1.79	247.77 2.72 2.40	307.22 3.08 3.37	346.99 3.48 4.01	314.84 3.74 0.23	223.78 3.52 0.00	145.67 3.14 0.00	91.66 0.91 0.00	74.21 0.52 0.00
SYRACUSE___ENERGY_ST2 323598	57.35 -0.17 0.00	53.08 -0.32 0.00	47.92 -0.34 0.00	46.01 -0.42 0.00	45.81 -0.42 0.00	48.48 -0.49 0.00	51.74 -0.52 0.00	55.10 -0.44 0.00	59.18 -0.18 0.00	65.10 -0.07 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.03 1.62 0.00	124.03 2.32 0.38	149.80 2.52 0.80	211.47 3.15 1.79	247.77 2.72 2.40	307.22 3.08 3.37	346.99 3.48 4.01	314.84 3.74 0.23	223.78 3.52 0.00	145.67 3.14 0.00	91.66 0.91 0.00	74.21 0.52 0.00
SYRACUSE___POWER 24017	57.47 -0.06 0.00	53.14 -0.27 0.00	48.01 -0.24 0.00	46.10 -0.32 0.00	45.90 -0.32 0.00	48.57 -0.39 0.00	51.85 -0.42 0.00	55.21 -0.33 0.00	59.29 -0.06 0.00	65.16 0.00 0.00	77.26 0.38 0.00	88.14 0.96 0.00	97.32 1.91 0.00	124.37 2.69 0.40	150.05 2.81 0.84	211.78 3.57 1.90	248.13 3.22 2.54	307.64 3.69 3.56	347.81 4.52 4.24	315.76 4.67 0.24	224.22 3.96 0.00	145.81 3.28 0.00	91.75 1.00 0.00	74.28 0.59 0.00
TALLMAN__138KV_BK151 55660	59.59 2.07 0.00	55.38 1.98 0.00	50.43 2.17 0.00	48.42 2.00 0.00	48.07 1.85 0.00	50.63 1.66 0.00	54.15 1.88 0.00	57.43 1.89 0.00	61.13 1.78 0.00	67.25 2.09 0.00	79.95 3.08 0.00	91.54 4.36 0.00	101.80 6.39 0.00	131.86 9.77 0.00	161.11 13.03 0.00	233.11 19.54 -3.46	307.57 23.51 -36.61	365.14 28.91 -28.72	379.63 31.28 -0.83	337.49 26.15 0.00	236.56 16.30 0.00	150.95 8.41 0.00	94.47 3.72 0.00	75.16 1.47 0.00
TEALLAVE_115KV_TB7 355573	57.29 -0.23 0.00	52.98 -0.43 0.00	47.87 -0.39 0.00	45.96 -0.46 0.00	45.72 -0.51 0.00	48.38 -0.59 0.00	51.69 -0.57 0.00	54.99 -0.56 0.00	59.12 -0.24 0.00	64.97 -0.20 0.00	77.11 0.23 0.00	87.87 0.70 0.00	97.03 1.62 0.00	123.95 2.32 0.46	149.49 2.37 0.96	210.67 2.73 2.16	247.02 2.47 2.90	305.91 2.46 4.07	345.47 2.78 4.84	314.17 3.11 0.28	223.12 2.86 0.00	145.10 2.57 0.00	91.39 0.64 0.00	73.98 0.29 0.00
TELGRAPH_34_KV_EAST 80808	58.73 1.21 0.00	53.78 0.37 0.00	48.26 0.00 0.00	46.10 -0.32 0.00	45.90 -0.32 0.00	48.33 -0.64 0.00	50.75 -1.52 0.00	54.21 -1.33 0.00	59.71 0.36 0.00	66.27 1.11 0.00	78.72 1.85 0.00	90.32 3.14 0.00	101.33 5.92 0.00	128.19 6.10 0.00	153.11 5.03 0.00	213.05 2.94 0.00	245.47 -1.98 0.00	301.67 -5.84 0.00	341.62 -5.91 0.00	307.60 -3.74 0.00	221.36 1.10 0.00	148.38 5.84 0.00	93.20 2.45 0.00	76.93 3.24 0.00
TEMPLE___115KV_TB 2 55572	57.29 -0.23 0.00	53.03 -0.37 0.00	47.87 -0.39 0.00	45.96 -0.46 0.00	45.76 -0.46 0.00	48.43 -0.54 0.00	51.69 -0.57 0.00	55.05 -0.50 0.00	59.18 -0.18 0.00	65.03 -0.13 0.00	77.18 0.31 0.00	87.96 0.78 0.00	97.13 1.72 0.00	124.08 2.44 0.45	149.66 2.52 0.94	211.15 3.15 2.11	247.34 2.72 2.83	306.31 2.77 3.97	345.93 3.13 4.72	314.49 3.42 0.27	223.34 3.08 0.00	145.24 2.71 0.00	91.48 0.73 0.00	74.06 0.37 0.00
TIANA____69_KV_BK 1 55817	61.03 3.51 0.00	57.46 4.06 0.00	52.45 4.20 0.00	49.95 3.53 0.00	49.55 3.33 0.00	52.15 3.18 0.00	55.61 3.34 0.00	59.10 3.55 0.00	61.66 2.31 0.01	67.43 2.28 0.02	82.11 5.23 0.00	96.37 7.85 -1.34	107.04 11.16 -0.47	139.69 16.48 -1.12	176.61 21.18 -7.35	298.37 29.84 -58.43	335.90 31.43 -57.02	385.53 39.67 -38.34	384.51 43.44 6.45	334.22 33.00 10.12	238.85 24.67 6.07	152.64 12.69 2.58	95.56 4.81 0.00	70.12 3.02 6.59

TILDEN___115KV_TB1 80814	57.47 -0.06 0.00	53.14 -0.27 0.00	48.01 -0.24 0.00	46.10 -0.32 0.00	45.90 -0.32 0.00	48.57 -0.39 0.00	51.85 -0.42 0.00	55.21 -0.33 0.00	59.29 -0.06 0.00	65.16 0.00 0.00	77.26 0.38 0.00	88.14 0.96 0.00	97.32 1.91 0.00	124.37 2.69 0.40	150.05 2.81 0.84	211.78 3.57 1.90	248.13 3.22 2.54	307.64 3.69 3.56	347.81 4.52 4.24	315.76 4.67 0.24	224.22 3.96 0.00	145.81 3.28 0.00	91.75 1.00 0.00	74.28 0.59 0.00
TRIGEN___CC 323695	60.17 2.65 0.00	56.55 3.15 0.00	51.63 3.38 0.00	49.35 2.92 0.00	49.00 2.77 0.00	51.56 2.60 0.00	55.04 2.77 0.00	58.32 2.78 0.00	61.07 1.72 0.01	67.04 1.89 0.01	80.80 3.92 0.00	103.66 5.84 -10.64	107.40 8.40 -3.60	165.98 12.33 -31.56	203.49 15.99 -39.41	330.20 23.53 -96.56	369.18 28.21 -93.53	418.14 34.75 -75.87	418.58 38.58 -32.48	343.09 31.76 0.00	240.96 20.70 0.00	152.94 10.41 0.00	94.74 3.99 0.00	77.58 2.73 -1.16
TRINITY__115KV__4 BK 55933	58.04 0.52 0.00	53.88 0.48 0.00	48.84 0.58 0.00	46.98 0.56 0.00	46.73 0.51 0.00	49.26 0.29 0.00	52.68 0.42 0.00	55.71 0.17 0.00	59.29 -0.06 0.00	64.90 -0.26 0.00	77.03 0.15 0.00	87.70 0.52 0.00	96.75 1.34 0.00	124.77 2.69 0.00	151.49 3.41 0.00	200.71 5.67 15.07	234.39 6.93 19.99	297.12 8.92 19.31	353.63 9.73 3.62	319.74 8.41 0.00	225.32 5.07 0.00	145.53 2.99 0.00	91.48 0.73 0.00	73.69 0.00 0.00
UNION___PROCESSING_DRP 323587	58.50 0.98 0.00	53.72 0.32 0.00	48.35 0.10 0.00	46.29 -0.14 0.00	46.04 -0.18 0.00	48.57 -0.39 0.00	51.53 -0.73 0.00	55.21 -0.33 0.00	60.24 0.89 0.00	66.79 1.63 0.00	79.41 2.54 0.00	90.93 3.75 0.00	101.33 5.92 0.00	128.80 6.71 0.00	154.60 6.52 0.00	216.62 6.51 0.00	251.90 4.45 0.00	311.21 3.69 0.00	351.35 3.82 0.00	316.00 4.67 0.00	225.98 5.73 0.00	149.52 6.98 0.00	94.02 3.27 0.00	76.93 3.24 0.00
UPPER HUDSON___HYD 24058	60.23 2.70 0.00	55.65 2.24 0.00	50.28 2.03 0.00	48.33 1.90 0.00	48.08 1.85 0.00	50.83 1.86 0.00	54.41 2.14 0.00	57.71 2.16 0.00	61.49 2.13 0.00	67.18 2.02 0.00	79.11 2.23 0.00	90.31 3.13 0.00	99.51 4.10 0.00	128.07 5.98 0.00	155.04 6.96 0.00	236.52 11.55 -14.86	275.91 14.10 -14.36	340.96 18.45 -14.99	377.17 26.08 -3.57	334.98 23.65 0.00	237.65 17.40 0.00	153.79 11.26 0.00	96.20 5.44 0.00	77.23 3.54 0.00
UPPER RAQUET___HYD 24056	57.75 0.23 0.00	53.78 0.38 0.00	48.16 -0.10 0.00	46.47 0.05 0.00	46.41 0.19 0.00	49.56 0.59 0.00	53.05 0.79 0.00	56.38 0.83 0.00	59.59 0.24 0.00	65.36 0.20 0.00	76.26 -0.62 0.00	85.78 -1.40 0.00	90.55 -4.86 0.00	96.60 -9.65 15.84	103.01 -11.70 33.37	119.03 -16.17 74.90	129.03 -18.05 100.37	145.45 -21.21 140.85	156.82 -23.28 167.42	121.45 -19.60 170.28	108.08 -12.78 99.40	98.06 -8.12 36.35	90.48 -0.27 0.00	74.64 0.96 0.00
VALLEY44_115KV_TB2 355964	58.10 0.58 0.00	53.35 -0.05 0.00	48.01 -0.24 0.00	45.96 -0.46 0.00	45.72 -0.51 0.00	48.23 -0.73 0.00	51.17 -1.10 0.00	54.43 -1.11 0.00	59.65 0.30 0.00	66.40 1.24 0.00	78.95 2.08 0.00	91.01 3.84 0.00	101.90 6.49 0.00	129.29 7.20 0.00	154.89 6.81 0.00	216.20 6.09 0.00	249.68 2.23 0.00	306.90 -0.62 0.00	347.87 0.35 0.00	312.89 1.56 0.00	224.22 3.96 0.00	148.95 6.41 0.00	93.47 2.72 0.00	76.86 3.17 0.00
VALLEY___115KV_TB 1-4 80826	58.90 1.38 0.00	54.63 1.23 0.00	49.37 1.11 0.00	47.49 1.07 0.00	47.29 1.06 0.00	50.14 1.18 0.00	53.57 1.31 0.00	56.88 1.33 0.00	60.78 1.42 0.00	66.66 1.50 0.00	78.72 1.85 0.00	89.44 2.27 0.00	98.27 2.86 0.00	125.67 3.91 0.33	152.13 4.74 0.69	215.29 6.72 1.54	252.81 7.42 2.06	314.16 9.53 2.89	355.20 11.12 3.44	321.41 10.27 0.20	227.74 7.49 0.00	147.52 4.99 0.00	93.38 2.63 0.00	75.61 1.92 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	60.00 2.47 0.00	55.65 2.24 0.00	50.48 2.22 0.00	48.61 2.18 0.00	48.49 2.27 0.00	51.27 2.30 0.00	54.77 2.51 0.00	57.93 2.39 0.00	61.96 2.61 0.00	67.96 2.80 0.00	80.41 3.54 0.00	92.06 4.88 0.00	101.71 6.30 0.00	130.88 8.79 0.00	159.04 10.96 0.00	225.23 15.13 0.00	266.30 17.32 -1.53	330.20 21.53 -1.16	372.55 25.02 0.00	333.44 22.10 0.00	236.11 15.86 0.00	152.80 10.26 0.00	95.92 5.17 0.00	77.23 3.54 0.00
VISCHER___FERRY HYD 24020	59.48 1.96 0.00	55.11 1.71 0.00	49.85 1.59 0.00	47.96 1.53 0.00	47.70 1.48 0.00	50.34 1.37 0.00	53.83 1.57 0.00	56.93 1.39 0.00	60.66 1.30 0.00	66.34 1.17 0.00	78.65 1.77 0.00	89.71 2.53 0.00	99.04 3.62 0.00	127.71 5.62 0.00	155.04 6.96 0.00	248.51 10.92 -27.48	289.04 13.11 -28.49	353.29 16.59 -29.18	373.23 19.10 -6.60	328.14 16.80 0.00	231.70 11.45 0.00	149.80 7.27 0.00	94.01 3.26 0.00	75.68 1.99 0.00
V_A_10_SYNC_DSASP 323832	57.58 0.06 0.00	52.87 -0.53 0.00	47.53 -0.72 0.00	45.40 -1.02 0.00	45.21 -1.02 0.00	47.64 -1.32 0.00	50.33 -1.93 0.00	53.88 -1.67 0.00	59.12 -0.24 0.00	65.75 0.59 0.00	78.11 1.23 0.00	89.53 2.35 0.00	100.09 4.68 0.00	126.73 4.64 0.00	151.78 3.70 0.00	211.16 1.05 0.00	243.74 -3.71 0.00	299.83 -7.69 0.00	338.84 -8.69 0.00	304.80 -6.54 0.00	219.15 -1.10 0.00	146.24 3.71 0.00	92.20 1.45 0.00	76.05 2.36 0.00
V_CMM_10_SYNC_DSASP 323787	57.29 -0.23 0.00	53.35 -0.05 0.00	47.97 -0.29 0.00	46.24 -0.18 0.00	46.09 -0.14 0.00	49.01 0.05 0.00	52.32 0.05 0.00	55.82 0.28 0.00	59.53 0.18 0.00	65.49 0.33 0.00	76.72 -0.15 0.00	86.22 -0.96 0.00	92.35 -3.06 0.00	118.76 -5.49 -2.16	145.98 -6.66 -4.56	211.10 -9.24 -10.23	250.77 -10.38 -13.71	314.13 -12.62 -19.24	356.13 -14.26 -22.87	304.08 -12.46 -5.21	214.30 -8.37 -2.42	137.72 -5.71 -0.89	89.57 -1.18 0.00	73.62 -0.07 0.00
V_CMP_10_SYNC_DSASP 323788	56.09 -1.44 0.00	52.34 -1.07 0.00	47.53 -0.72 0.00	46.01 -0.42 0.00	46.00 -0.23 0.00	48.67 -0.29 0.00	52.06 -0.21 0.00	55.77 0.22 0.00	59.53 0.18 0.00	65.55 0.39 0.00	76.80 -0.08 0.00	86.39 -0.79 0.00	92.35 -3.06 0.00	116.72 -5.37 0.00	141.42 -6.66 0.00	200.87 -9.24 0.00	237.29 -10.16 0.00	295.83 -11.69 0.00	334.67 -12.85 0.00	288.80 -10.59 11.94	206.27 -6.60 7.39	135.27 -4.57 2.70	89.93 -0.82 0.00	73.84 0.15 0.00
V_D_10_SYNC_DSASP 323841	57.70 0.17 0.00	53.73 0.32 0.00	48.21 -0.05 0.00	46.47 0.05 0.00	46.32 0.09 0.00	49.36 0.39 0.00	52.73 0.47 0.00	56.21 0.67 0.00	59.89 0.53 0.00	65.81 0.65 0.00	76.95 0.08 0.00	86.57 -0.61 0.00	92.35 -3.06 0.00	119.07 -6.59 -3.58	147.47 -8.14 -7.54	215.88 -11.14 -16.91	257.50 -12.61 -22.67	324.26 -15.06 -31.81	367.96 -17.37 -37.81	308.50 -14.94 -12.10	216.28 -10.13 -6.15	137.95 -6.84 -2.26	90.21 -0.54 0.00	74.21 0.52 0.00
V_E_10_SYNC_DSASP 323830	62.99 5.47 0.00	58.26 4.86 0.00	52.60 4.34 0.00	50.46 4.04 0.00	50.57 4.34 0.00	53.62 4.65 0.00	57.60 5.33 0.00	61.27 5.72 0.00	65.47 6.11 0.00	71.35 6.19 0.00	84.03 7.15 0.00	96.41 9.24 0.00	106.76 11.35 0.00	136.98 14.89 0.00	166.14 18.06 0.00	236.15 26.05 0.00	277.38 29.93 0.00	346.26 38.75 0.00	396.54 49.01 0.00	357.40 46.07 0.00	255.04 34.79 0.00	165.49 22.95 0.00	103.19 12.43 0.00	83.20 9.51 0.00

V_F_30_NSYNC___DSASP 323816	60.40 2.87 0.00	55.91 2.51 0.00	50.57 2.32 0.00	48.61 2.18 0.00	48.35 2.13 0.00	51.07 2.10 0.00	54.62 2.35 0.00	57.82 2.28 0.00	61.55 2.20 0.00	67.31 2.15 0.00	79.64 2.76 0.00	90.92 3.75 0.00	100.27 4.86 0.00	129.04 6.96 0.00	156.52 8.44 0.00	239.84 13.24 -16.49	279.48 15.85 -16.18	344.62 20.29 -16.82	376.52 25.04 -3.96	334.05 22.72 0.00	236.33 16.07 0.00	153.08 10.55 0.00	96.01 5.26 0.00	77.23 3.54 0.00
V_F_30_SYNC_DSASP 323786	58.39 0.86 0.00	54.10 0.69 0.00	49.08 0.82 0.00	47.17 0.74 0.00	46.92 0.69 0.00	49.50 0.54 0.00	52.94 0.68 0.00	55.99 0.44 0.00	59.65 0.30 0.00	65.29 0.13 0.00	77.49 0.62 0.00	88.31 1.13 0.00	97.41 2.00 0.00	125.63 3.54 0.00	152.52 4.44 0.00	220.67 7.14 -3.42	257.25 8.66 -1.14	320.08 10.76 -1.80	360.51 12.16 -0.82	321.61 10.27 0.00	226.86 6.61 0.00	146.53 3.99 0.00	92.02 1.27 0.00	74.21 0.52 0.00
V_XM_10_SYNC_DSASP 323789	56.09 -1.44 0.00	52.34 -1.07 0.00	47.53 -0.72 0.00	46.01 -0.42 0.00	46.00 -0.23 0.00	48.67 -0.29 0.00	52.06 -0.21 0.00	55.77 0.22 0.00	59.53 0.18 0.00	65.55 0.39 0.00	76.80 -0.08 0.00	86.39 -0.79 0.00	92.35 -3.06 0.00	116.72 -5.37 0.00	141.42 -6.66 0.00	200.87 -9.24 0.00	237.29 -10.16 0.00	295.83 -11.69 0.00	334.67 -12.85 0.00	288.80 -10.59 11.94	206.27 -6.60 7.39	135.27 -4.57 2.70	89.93 -0.82 0.00	73.84 0.15 0.00
W.BABYLN_69_KV_BK1 56697	61.03 3.51 0.00	57.52 4.11 0.00	52.55 4.29 0.00	50.09 3.67 0.00	49.74 3.51 0.00	52.34 3.38 0.00	55.82 3.55 0.00	59.27 3.72 0.00	61.66 2.31 0.01	67.49 2.35 0.01	81.88 5.00 -0.01	97.47 7.24 -3.06	106.86 10.40 -1.05	143.78 15.02 -6.68	180.81 19.55 -13.19	303.64 28.57 -64.96	343.95 33.16 -63.34	393.87 41.51 -44.83	394.33 46.22 -0.58	340.32 37.36 8.37	240.56 25.33 5.03	153.23 12.83 2.14	96.01 5.26 0.00	71.97 3.61 5.33
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	59.77 2.24 0.00	55.54 2.14 0.00	50.52 2.27 0.00	48.52 2.09 0.00	48.21 1.99 0.00	50.78 1.81 0.00	54.30 2.04 0.00	57.60 2.06 0.00	61.31 1.96 0.00	67.44 2.28 0.00	80.18 3.31 0.00	91.88 4.71 0.00	102.19 6.77 0.00	132.34 10.26 0.00	161.70 13.62 0.00	234.03 20.38 -3.55	311.57 24.50 -39.62	368.68 30.14 -31.03	381.04 32.67 -0.85	339.04 27.71 0.00	237.44 17.18 0.00	151.52 8.98 0.00	94.84 4.08 0.00	75.46 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	60.34 2.82 0.00	56.07 2.67 0.00	51.15 2.90 0.00	49.12 2.69 0.00	48.81 2.59 0.00	51.37 2.40 0.00	54.93 2.67 0.00	58.38 2.83 0.00	62.08 2.73 0.00	68.35 3.19 0.00	81.18 4.31 0.00	92.93 5.75 0.00	103.52 8.11 0.00	134.05 11.96 0.00	163.92 15.84 0.00	237.48 23.53 -3.84	334.13 27.96 -58.71	387.55 34.44 -45.59	385.63 37.19 -0.92	342.78 31.44 0.00	239.42 19.16 0.00	152.37 9.83 0.00	95.38 4.63 0.00	75.75 2.06 0.00
W50THST__13_KV_LOAD 356117	60.74 3.22 0.00	56.45 3.04 0.00	51.49 3.23 0.00	49.44 3.02 0.00	49.14 2.91 0.00	51.71 2.74 0.00	55.35 3.08 0.00	58.82 3.28 0.00	62.62 3.26 0.00	69.01 3.84 0.00	81.95 5.07 0.00	93.80 6.63 0.00	104.57 9.16 0.00	133.01 13.19 2.26	163.37 17.33 2.04	239.79 25.84 -3.84	336.85 30.68 -58.71	390.93 37.82 -45.59	389.11 40.66 -0.92	345.58 34.25 0.00	241.18 20.92 0.00	153.37 10.83 0.00	95.20 5.26 0.82	76.19 2.51 0.00
WADING RIVER_IC_1 23522	59.76 2.24 0.00	56.55 3.15 0.00	51.58 3.33 0.00	49.16 2.74 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.77 2.51 0.00	57.32 1.78 0.00	60.29 0.95 0.01	66.06 0.91 0.02	80.18 3.30 0.00	94.18 5.66 -1.34	104.65 8.77 -0.46	136.50 13.31 -1.10	172.73 17.32 -7.33	292.88 24.36 -58.41	328.96 24.50 -57.00	376.88 31.05 -38.32	375.13 34.08 6.47	326.42 25.21 10.13	234.67 20.49 6.07	149.78 9.83 2.59	94.11 3.36 0.00	68.79 1.70 6.60
WADING RIVER_IC_2 23547	59.76 2.24 0.00	56.55 3.15 0.00	51.58 3.33 0.00	49.16 2.74 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.77 2.51 0.00	57.32 1.78 0.00	60.29 0.95 0.01	66.06 0.91 0.02	80.18 3.30 0.00	94.18 5.66 -1.34	104.65 8.77 -0.46	136.50 13.31 -1.10	172.73 17.32 -7.33	292.88 24.36 -58.41	328.96 24.50 -57.00	376.88 31.05 -38.32	375.13 34.08 6.47	326.42 25.21 10.13	234.67 20.49 6.07	149.78 9.83 2.59	94.11 3.36 0.00	68.79 1.70 6.60
WADING RIVER_IC_3 23601	59.76 2.24 0.00	56.55 3.15 0.00	51.58 3.33 0.00	49.16 2.74 0.00	48.77 2.54 0.00	51.32 2.35 0.00	54.77 2.51 0.00	57.32 1.78 0.00	60.29 0.95 0.01	66.06 0.91 0.02	80.18 3.30 0.00	94.18 5.66 -1.34	104.65 8.77 -0.46	136.50 13.31 -1.10	172.73 17.32 -7.33	292.88 24.36 -58.41	328.96 24.50 -57.00	376.88 31.05 -38.32	375.13 34.08 6.47	326.42 25.21 10.13	234.67 20.49 6.07	149.78 9.83 2.59	94.11 3.36 0.00	68.79 1.70 6.60
WALDENNY_12_KV_BK2 80841	58.79 1.27 0.00	53.88 0.48 0.00	48.40 0.14 0.00	46.29 -0.14 0.00	46.04 -0.18 0.00	48.48 -0.49 0.00	51.12 -1.15 0.00	54.60 -0.94 0.00	60.24 0.89 0.00	67.25 2.09 0.00	79.95 3.08 0.00	91.97 4.79 0.00	103.23 7.82 0.00	130.63 8.55 0.00	156.22 8.14 0.00	217.25 7.14 0.00	249.68 2.23 0.00	306.59 -0.92 0.00	347.18 -0.35 0.00	311.96 0.62 0.00	224.44 4.18 0.00	150.23 7.70 0.00	94.38 3.63 0.00	77.89 4.20 0.00
WALDEN___HYDRO 24148	59.65 2.13 0.00	55.38 1.98 0.00	50.38 2.12 0.00	48.38 1.95 0.00	48.03 1.80 0.00	50.63 1.66 0.00	54.15 1.88 0.00	57.38 1.83 0.00	61.07 1.72 0.00	67.12 1.95 0.00	79.80 2.92 0.00	91.19 4.01 0.00	101.33 5.92 0.00	131.24 9.16 0.00	160.22 12.14 0.00	230.86 18.28 -2.47	280.14 22.27 -10.42	343.78 27.68 -8.58	378.74 30.58 -0.63	337.18 25.84 0.00	236.56 16.30 0.00	151.66 9.12 0.00	94.93 4.17 0.00	75.75 2.06 0.00
WARRENSBURG____ 23737	60.23 2.70 0.00	55.65 2.24 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.07 1.85 0.00	50.83 1.86 0.00	54.41 2.14 0.00	57.71 2.17 0.00	61.49 2.14 0.00	67.18 2.02 0.00	79.11 2.23 0.00	90.32 3.14 0.00	99.42 4.01 0.00	127.95 5.86 0.00	155.04 6.96 0.00	236.53 11.56 -14.86	275.92 14.10 -14.36	340.96 18.45 -14.99	376.81 25.72 -3.57	335.00 23.66 0.00	237.66 17.40 0.00	153.80 11.26 0.00	96.20 5.45 0.00	77.23 3.54 0.00
WATERSIDE___6 8 9 23538	59.99 2.47 0.00	55.97 2.56 0.00	51.34 3.09 0.00	49.30 2.88 0.00	48.95 2.73 0.00	51.41 2.45 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.37 2.02 0.00	67.51 2.35 0.00	80.18 3.31 0.00	91.88 4.71 0.00	102.61 7.06 -0.14	124.96 10.87 8.00	155.82 14.96 7.22	234.54 20.59 -3.85	330.91 24.50 -58.96	383.43 30.14 -45.77	381.11 32.67 -0.92	338.73 27.40 0.00	237.00 16.74 0.00	121.61 8.12 29.05	89.10 3.63 5.28	63.50 1.18 11.37
WATKINRD_115KV_LN8_ILLION 55919	58.50 0.98 0.00	54.26 0.85 0.00	49.03 0.77 0.00	47.17 0.74 0.00	47.01 0.79 0.00	49.75 0.78 0.00	53.21 0.94 0.00	56.43 0.89 0.00	60.30 0.95 0.00	66.14 0.98 0.00	78.11 1.23 0.00	88.75 1.57 0.00	97.51 2.10 0.00	124.69 2.93 0.33	150.95 3.55 0.69	213.82 5.25 1.54	251.08 5.69 2.06	312.00 7.38 2.89	352.77 8.69 3.44	319.23 8.09 0.20	225.98 5.73 0.00	146.38 3.85 0.00	92.66 1.91 0.00	75.02 1.33 0.00

WDELAWARE___HYD 323627	59.48 1.96 0.00	55.16 1.76 0.00	50.04 1.79 0.00	48.14 1.72 0.00	47.80 1.57 0.00	50.43 1.47 0.00	53.94 1.67 0.00	57.10 1.55 0.00	60.89 1.54 0.00	66.92 1.76 0.00	79.34 2.46 0.00	90.82 3.66 0.02	100.68 5.53 0.26	130.13 8.42 0.38	158.39 11.40 1.10	225.55 17.23 1.79	272.69 21.78 -3.46	335.45 27.69 -0.25	378.44 30.92 0.00	337.78 26.45 0.00	237.22 16.96 0.00	150.98 9.41 0.96	95.11 4.36 0.00	75.83 2.14 0.00
WEST BABYLON___IC 23714	61.03 3.51 0.00	57.52 4.11 0.00	52.55 4.29 0.00	50.09 3.67 0.00	49.74 3.51 0.00	52.34 3.38 0.00	55.82 3.55 0.00	59.27 3.72 0.00	61.66 2.31 0.01	67.49 2.35 0.01	81.88 5.00 -0.01	97.47 7.24 -3.06	106.86 10.40 -1.05	143.78 15.02 -6.68	180.81 19.55 -13.19	303.64 28.57 -64.96	343.95 33.16 -63.34	393.87 41.51 -44.83	394.33 46.22 -0.58	340.32 37.36 8.37	240.56 25.33 5.03	153.23 12.83 2.14	96.01 5.26 0.00	71.97 3.61 5.33
WEST CANADA___HYD 24049	57.75 0.23 0.00	53.56 0.16 0.00	48.50 0.24 0.00	46.66 0.23 0.00	46.46 0.23 0.00	49.16 0.20 0.00	52.53 0.26 0.00	55.71 0.17 0.00	59.53 0.18 0.00	65.29 0.13 0.00	77.11 0.23 0.00	87.70 0.53 0.00	96.27 0.86 0.00	123.23 1.47 0.33	149.18 1.78 0.69	211.10 2.53 1.54	248.37 2.98 2.06	308.33 3.70 2.89	348.59 4.51 3.44	314.89 3.75 0.20	222.91 2.65 0.00	144.25 1.72 0.00	91.39 0.64 0.00	73.91 0.22 0.00
WESTERN_NY_WIND 24143	59.77 2.24 0.00	54.69 1.28 0.00	49.12 0.87 0.00	46.89 0.46 0.00	46.64 0.42 0.00	49.16 0.20 0.00	51.69 -0.57 0.00	55.38 -0.17 0.00	60.84 1.48 0.00	66.72 1.56 0.00	79.26 2.38 0.00	91.01 3.84 0.00	101.99 6.58 0.00	129.29 7.20 0.00	154.60 6.52 0.00	215.15 5.04 0.00	248.69 1.24 0.00	306.59 -0.92 0.00	347.52 0.00 0.00	313.20 1.87 0.00	225.32 5.07 0.00	150.52 7.98 0.00	94.47 3.72 0.00	77.59 3.91 0.00
WESTOVER___LESR 323668	58.62 1.09 0.00	54.20 0.80 0.00	48.98 0.72 0.00	47.08 0.65 0.00	46.87 0.65 0.00	49.50 0.54 0.00	52.79 0.52 0.00	55.99 0.44 0.00	60.30 0.95 0.00	66.40 1.24 0.00	78.72 1.85 0.00	90.05 2.88 0.00	99.80 4.39 0.00	127.83 5.74 0.00	154.45 6.37 0.00	218.30 8.19 0.00	255.37 7.92 0.00	316.74 9.23 0.00	358.30 10.77 0.00	321.61 10.27 0.00	228.63 8.37 0.00	149.09 6.56 0.00	93.75 2.99 0.00	76.05 2.36 0.00
WETHRSFD_WT_PWR 323626	58.39 0.86 0.00	53.62 0.21 0.00	48.30 0.05 0.00	46.24 -0.18 0.00	46.18 -0.05 0.00	48.52 -0.44 0.00	51.27 -0.99 0.00	54.99 -0.56 0.00	59.59 0.24 0.00	66.20 1.04 0.00	78.72 1.84 0.00	90.23 3.05 0.00	101.04 5.63 0.00	127.71 5.62 0.00	152.96 4.88 0.00	213.89 3.79 0.00	247.45 0.00 0.00	305.38 -2.14 0.00	347.18 -0.35 0.00	312.59 1.25 0.00	224.66 4.40 0.00	149.52 6.98 0.00	93.93 3.17 0.00	77.37 3.68 0.00
WHAVSTOR_138KV_BK127 55557	59.48 1.96 0.00	55.27 1.87 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.03 1.80 0.00	50.53 1.57 0.00	54.04 1.78 0.00	57.32 1.78 0.00	61.01 1.66 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.27 4.10 0.00	101.42 6.01 0.00	131.37 9.28 0.00	160.52 12.44 0.00	232.16 18.49 -3.56	309.98 22.27 -40.26	366.71 27.68 -31.52	378.27 29.89 -0.86	336.24 24.91 0.00	235.67 15.42 0.00	150.37 7.84 0.00	94.20 3.45 0.00	75.02 1.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	59.48 1.96 0.00	55.27 1.87 0.00	50.33 2.08 0.00	48.33 1.90 0.00	48.03 1.80 0.00	50.53 1.57 0.00	54.04 1.78 0.00	57.32 1.78 0.00	61.01 1.66 0.00	67.05 1.89 0.00	79.72 2.84 0.00	91.27 4.10 0.00	101.42 6.01 0.00	131.37 9.28 0.00	160.52 12.44 0.00	232.16 18.49 -3.56	309.98 22.27 -40.26	366.71 27.68 -31.52	378.27 29.89 -0.86	336.24 24.91 0.00	235.67 15.42 0.00	150.37 7.84 0.00	94.20 3.45 0.00	75.02 1.33 0.00
WHITEHAL_115KV_TB1 80871	60.86 3.34 0.00	56.18 2.78 0.00	50.77 2.51 0.00	48.70 2.27 0.00	48.44 2.22 0.00	51.27 2.30 0.00	54.88 2.61 0.00	58.21 2.67 0.00	61.96 2.61 0.00	67.57 2.41 0.00	79.72 2.84 0.00	91.01 3.84 0.00	100.28 4.87 0.00	129.17 7.08 0.00	156.22 8.14 0.00	239.09 13.45 -15.54	279.15 16.58 -15.12	345.41 22.14 -15.75	382.19 30.93 -3.73	340.29 28.95 0.00	241.62 21.36 0.00	156.65 14.11 0.00	97.65 6.90 0.00	78.26 4.57 0.00
WHITEPLN_13_KV_LOAD 356215	60.86 3.34 0.00	56.45 3.04 0.00	51.39 3.14 0.00	49.35 2.92 0.00	49.05 2.82 0.00	51.61 2.64 0.00	55.24 2.98 0.00	58.66 3.11 0.00	62.44 3.09 0.00	68.81 3.65 0.00	81.80 4.92 0.00	93.72 6.54 0.00	104.38 8.97 0.00	135.15 13.06 0.00	165.85 17.77 0.00	240.42 26.47 -3.84	333.75 31.43 -54.88	389.25 39.05 -42.68	390.15 41.70 -0.92	346.52 35.18 0.00	242.72 22.47 0.00	154.94 12.40 0.00	96.65 5.90 0.00	76.71 3.02 0.00
WM_FLOYD_69_KV_BK2 356380	60.51 2.99 0.00	57.04 3.63 0.00	52.12 3.86 0.00	49.63 3.20 0.00	49.23 3.00 0.00	51.81 2.84 0.00	55.30 3.03 0.00	58.71 3.17 0.00	61.07 1.72 0.01	66.58 1.43 0.02	80.96 4.07 0.00	94.91 6.36 -1.37	105.33 9.45 -0.48	137.45 14.16 -1.20	173.73 18.21 -7.44	294.69 26.05 -58.53	332.53 27.96 -57.12	381.63 35.67 -38.44	380.45 39.27 6.34	331.44 30.20 10.09	236.89 22.69 6.06	151.22 11.26 2.58	94.84 4.08 0.00	69.48 2.36 6.57
WOODARD___115KV_TB2 355635	57.18 -0.35 0.00	52.92 -0.48 0.00	47.82 -0.43 0.00	45.92 -0.51 0.00	45.72 -0.51 0.00	48.33 -0.64 0.00	51.64 -0.63 0.00	54.93 -0.61 0.00	59.06 -0.30 0.00	64.90 -0.26 0.00	76.95 0.08 0.00	87.70 0.52 0.00	96.75 1.34 0.00	123.61 1.95 0.44	149.09 1.93 0.92	210.36 2.31 2.06	246.67 1.98 2.76	305.49 1.85 3.87	345.01 2.09 4.60	313.56 2.49 0.27	222.68 2.42 0.00	144.81 2.28 0.00	91.21 0.45 0.00	73.91 0.22 0.00
WOODMERE_69_KV_BK1 55827	61.26 3.74 0.00	57.52 4.11 0.00	52.45 4.20 0.00	50.09 3.67 0.00	49.74 3.51 0.00	52.34 3.38 0.00	55.77 3.50 0.00	59.21 3.67 0.00	62.02 2.67 0.01	68.22 3.06 0.01	82.49 5.61 0.00	119.92 7.93 -24.81	114.66 10.88 -8.37	214.81 15.51 -77.21	254.61 19.40 -87.13	375.74 27.31 -138.32	416.37 32.66 -136.25	468.18 40.28 -120.37	481.26 44.83 -88.91	361.23 37.05 -12.85	253.74 25.77 -7.71	159.78 13.97 -3.28	96.92 6.17 0.00	84.06 4.50 -5.88
YORK___WARBASSE 23770	60.35 2.82 -0.01	56.34 2.94 0.00	51.69 3.43 -0.01	49.63 3.20 0.00	49.28 3.05 0.00	51.66 2.69 0.00	54.67 2.40 0.00	58.04 2.50 0.00	61.67 2.31 0.00	67.90 2.74 0.00	80.80 3.92 0.00	92.59 5.40 -0.01	103.64 7.82 -0.41	150.78 11.60 -17.09	179.36 15.84 -15.43	235.80 21.85 -3.84	332.64 26.23 -58.96	385.27 31.98 -45.77	383.20 34.75 -0.92	341.22 29.89 0.00	238.76 18.50 0.00	122.60 9.12 29.05	100.04 4.36 -4.93	64.12 1.77 11.34