

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/22/2025	
Generator Data																									
Name		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				
PTID		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST				
59TH STREET_GT_1		70.74	46.66	40.97	40.22	44.72	52.71	59.63	67.45	84.65	58.06	57.97	48.41	42.67	47.61	57.47	69.02	76.76	111.46	106.42	124.96				
24138		3.17	2.24	1.88	1.81	1.88	2.49	3.11	3.51	4.28	3.11	3.18	2.72	2.58	2.83	3.37	3.78	4.12	6.22	5.92	6.85				
		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	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_1		70.94	46.75	41.03	40.28	44.78	52.80	59.69	67.54	84.77	58.11	57.99	48.42	42.67	47.60	57.48	69.08	76.89	111.67	106.67	125.31				
24260		3.36	2.33	1.94	1.86	1.94	2.57	3.17	3.60	4.40	3.16	3.19	2.72	2.58	2.82	3.37	3.83	4.25	6.43	6.17	7.20				
		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	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_2		70.94	46.75	41.03	40.28	44.78	52.80	59.69	67.54	84.77	58.11	57.99	48.42	42.67	47.60	57.48	69.08	76.89	111.67	106.67	125.31				
24261		3.36	2.33	1.94	1.86	1.94	2.57	3.17	3.60	4.40	3.16	3.19	2.72	2.58	2.82	3.37	3.83	4.25	6.43	6.17	7.20				
		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	0.00	0.00	0.00	0.00	0.00				
ADK HUDSON___FALLS		70.85	46.56	40.92	40.18	44.77	52.86	59.94	67.72	84.83	57.47	56.91	47.66	41.77	46.91	56.92	69.23	77.48	112.19	107.42	126.27				
24011		3.27	2.14	1.83	1.76	1.93	2.64	3.42	3.79	4.46	2.52	2.12	1.97	1.67	2.12	2.82	3.98	4.84	6.95	6.92	8.16				
		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	0.00	0.00	0.00	0.00	0.00				
ADK RESOURCE___RCVRY		71.17	46.80	41.15	40.40	45.00	53.25	60.53	68.39	85.55	57.95	57.17	47.97	42.07	47.30	57.54	70.02	78.46	113.54	108.75	127.91				
23798		3.59	2.38	2.06	1.98	2.16	3.03	4.00	4.45	5.18	3.00	2.38	2.28	1.98	2.52	3.43	4.77	5.82	8.30	8.25	9.80				
		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	0.00	0.00	0.00	0.00	0.00				
ADK S GLENS___FALLS		70.85	46.56	40.92	40.18	44.77	52.86	59.94	67.72	84.83	57.47	56.91	47.66	41.77	46.91	56.92	69.23	77.48	112.19	107.42	126.27				
24028		3.27	2.14	1.83	1.76	1.93	2.64	3.42	3.79	4.46	2.52	2.12	1.97	1.67	2.12	2.82	3.98	4.84	6.95	6.92	8.16				
		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	0.00	0.00	0.00	0.00	0.00				
ADK_NYS___DAM		70.41	46.09	40.50	39.73	44.18	52.09	58.74	66.22	83.02	56.42	55.91	46.77	41.24	46.19	56.19	68.04	76.02	110.03	105.46	124.01				
23527		2.83	1.67	1.41	1.32	1.35	1.87	2.22	2.28	2.65	1.47	1.11	1.08	1.15	1.40	2.09	2.79	3.38	4.80	4.96	5.90				
		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	0.00	0.00	0.00	0.00	0.00				
AIR_PRODUCTS___DRP		69.24	45.51	39.93	39.19	43.55	50.97	57.34	64.75	81.34	55.37	55.13	46.04	40.38	45.14	54.51	65.52	73.03	105.53	101.02	118.71				
24190		1.66	1.09	0.84	0.77	0.71	0.75	0.82	0.81	0.98	0.42	0.33	0.35	0.29	0.36	0.41	0.27	0.39	0.29	0.52	0.60				
		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	0.00	0.00	0.00	0.00	0.00				
AKWESSNE_115KV_BK		68.58	45.15	39.79	39.12	43.69	51.14	57.25	64.77	81.54	56.15	56.24	46.87	41.06	45.89	55.39	66.42	73.47	106.40	101.75	119.19				
355683		1.00	0.74	0.70	0.70	0.85	0.92	0.73	0.83	1.17	1.20	1.45	1.18	0.97	1.10	1.28	1.17	0.83	1.16	1.25	1.08				
		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	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR		69.99	46.00	40.41	39.67	44.14	51.73	58.24	65.78	82.57	55.86	55.51	46.32	40.69	45.47	55.01	66.68	74.53	107.87	103.21	121.30				
323833		2.41	1.58	1.32	1.25	1.30	1.51	1.72	1.85	2.19	0.91	0.71	0.63	0.59	0.68	0.91	1.43	1.89	2.63	2.71	3.19				
		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	0.00	0.00	0.00	0.00	0.00				
ALBANY_2_SOLAR		69.97	45.99	40.38	39.66	44.12	51.72	58.23	65.76	82.55	55.84	55.49	46.31	40.69	45.47	55.01	66.66	74.51	107.83	103.21	121.30				
323834		2.39	1.57	1.29	1.24	1.28	1.50	1.71	1.82	2.18	0.89	0.70	0.62	0.59	0.68	0.91	1.41	1.88	2.59	2.70	3.19				
		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	0.00	0.00	0.00	0.00	0.00				
ALBANY___1		69.24	45.51	39.93	39.19	43.55	50.97	57.34	64.75	81.34	55.37	55.13	46.04	40.38	45.14	54.51	65.52	73.03	105.53	101.02	118.71				
23571		1.66	1.09	0.84	0.77	0.71	0.75	0.82	0.81	0.98	0.42	0.33	0.35	0.29	0.36	0.41	0.27	0.39	0.29	0.52	0.60				
		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	0.00	0.00	0.00	0.00	0.00				

ALBANY___2 23572	69.24 1.66 0.00	45.51 1.09 0.00	39.93 0.84 0.00	39.19 0.77 0.00	43.55 0.71 0.00	50.97 0.75 0.00	57.34 0.82 0.00	64.75 0.81 0.00	81.34 0.98 0.00	55.37 0.42 0.00	55.13 0.33 0.00	46.04 0.35 0.00	40.38 0.29 0.00	45.14 0.36 0.00	54.51 0.41 0.00	65.52 0.27 0.00	73.03 0.39 0.00	105.53 0.29 0.00	101.02 0.52 0.00	118.71 0.60 0.00
ALBANY___3 23573	69.24 1.66 0.00	45.51 1.09 0.00	39.93 0.84 0.00	39.19 0.77 0.00	43.55 0.71 0.00	50.97 0.75 0.00	57.34 0.82 0.00	64.75 0.81 0.00	81.34 0.98 0.00	55.37 0.42 0.00	55.13 0.33 0.00	46.04 0.35 0.00	40.38 0.29 0.00	45.14 0.36 0.00	54.51 0.41 0.00	65.52 0.27 0.00	73.03 0.39 0.00	105.53 0.29 0.00	101.02 0.52 0.00	118.71 0.60 0.00
ALBANY___4 23574	69.24 1.66 0.00	45.51 1.09 0.00	39.93 0.84 0.00	39.19 0.77 0.00	43.55 0.71 0.00	50.97 0.75 0.00	57.34 0.82 0.00	64.75 0.81 0.00	81.34 0.98 0.00	55.37 0.42 0.00	55.13 0.33 0.00	46.04 0.35 0.00	40.38 0.29 0.00	45.14 0.36 0.00	54.51 0.41 0.00	65.52 0.27 0.00	73.03 0.39 0.00	105.53 0.29 0.00	101.02 0.52 0.00	118.71 0.60 0.00
ALBANY___LFGE 323615	69.82 2.24 0.00	45.88 1.46 0.00	40.24 1.15 0.00	39.49 1.07 0.00	43.88 1.04 0.00	51.41 1.19 0.00	57.88 1.36 0.00	65.40 1.46 0.00	82.15 1.78 0.00	55.89 0.94 0.00	55.66 0.87 0.00	46.48 0.79 0.00	40.78 0.69 0.00	45.60 0.82 0.00	55.10 0.99 0.00	66.32 1.06 0.00	73.93 1.29 0.00	106.86 1.63 0.00	102.27 1.77 0.00	120.24 2.13 0.00
ALCOA_PA_115KV_PL-6C 55860	69.32 1.75 0.00	45.60 1.18 0.00	40.15 1.06 0.00	39.47 1.05 0.00	44.08 1.25 0.00	51.60 1.37 0.00	57.80 1.28 0.00	65.58 1.64 0.00	82.55 2.18 0.00	56.71 1.76 0.00	56.79 1.99 0.00	47.32 1.63 0.00	41.46 1.36 0.00	46.29 1.50 0.00	55.84 1.73 0.00	67.02 1.77 0.00	74.30 1.67 0.00	107.60 2.36 0.00	102.74 2.24 0.00	120.48 2.37 0.00
ALCOA_RYNLDS___DRP 24188	69.32 1.74 0.00	45.60 1.18 0.00	40.15 1.06 0.00	39.47 1.05 0.00	44.08 1.25 0.00	51.60 1.37 0.00	57.80 1.28 0.00	65.58 1.64 0.00	82.55 2.18 0.00	56.71 1.76 0.00	56.79 1.99 0.00	47.33 1.64 0.00	41.46 1.36 0.00	46.29 1.50 0.00	55.84 1.73 0.00	67.02 1.77 0.00	74.31 1.67 0.00	107.60 2.36 0.00	102.73 2.23 0.00	120.48 2.37 0.00
ALCOA___DSASP 323711	69.32 1.74 0.00	45.60 1.18 0.00	40.15 1.06 0.00	39.47 1.05 0.00	44.08 1.25 0.00	51.60 1.37 0.00	57.80 1.28 0.00	65.58 1.64 0.00	82.55 2.18 0.00	56.71 1.76 0.00	56.79 1.99 0.00	47.33 1.64 0.00	41.46 1.36 0.00	46.29 1.50 0.00	55.84 1.73 0.00	67.02 1.77 0.00	74.31 1.67 0.00	107.60 2.36 0.00	102.73 2.23 0.00	120.48 2.37 0.00
ALLEGHENY___COGEN 23514	67.87 0.29 0.00	44.45 0.03 0.00	39.19 0.10 0.00	38.47 0.05 0.00	42.96 0.12 0.00	49.32 -0.90 0.00	54.70 -1.82 0.00	61.74 -2.20 0.00	77.61 -2.76 0.00	51.98 -2.97 0.00	51.15 -3.65 0.00	42.63 -3.07 0.00	37.00 -3.10 0.00	41.69 -3.10 0.00	50.46 -3.64 0.00	61.94 -3.31 0.00	69.68 -2.96 0.00	102.18 -3.06 0.00	97.20 -3.30 0.00	115.00 -3.11 0.00
ALTAMONT_115KV_TB 2 55880	69.04 1.46 0.00	45.39 0.97 0.00	39.86 0.76 0.00	39.13 0.71 0.00	43.54 0.70 0.00	51.10 0.87 0.00	57.56 1.04 0.00	65.00 1.06 0.00	81.66 1.29 0.00	55.66 0.71 0.00	55.40 0.61 0.00	46.24 0.55 0.00	40.63 0.53 0.00	45.41 0.62 0.00	54.88 0.78 0.00	66.16 0.91 0.00	73.76 1.12 0.00	106.69 1.45 0.00	102.10 1.60 0.00	120.00 1.89 0.00
ALTONA_WT_PWR 323606	68.51 0.93 0.00	45.05 0.63 0.00	39.69 0.60 0.00	39.19 0.78 0.00	43.78 0.94 0.00	51.25 1.03 0.00	57.43 0.91 0.00	65.50 1.56 0.00	82.53 2.16 0.00	56.77 1.82 0.00	56.94 2.14 0.00	47.43 1.74 0.00	41.67 1.58 0.00	46.63 1.85 0.00	56.30 2.20 0.00	67.61 2.36 0.00	74.82 2.18 0.00	108.17 2.93 0.00	103.09 2.59 0.00	121.17 3.06 0.00
AMERICAN_REF_FUEL 24010	58.64 -5.91 3.03	38.65 -3.98 1.78	33.62 -3.51 1.97	33.01 -3.40 2.01	37.72 -3.35 1.76	44.80 -4.64 0.77	48.98 -6.70 0.84	55.81 -8.12 0.00	70.62 -9.75 0.00	49.01 -5.94 0.00	49.24 -5.55 0.00	41.19 -4.50 0.00	36.19 -3.91 0.00	40.58 -4.21 0.00	48.63 -5.47 0.00	57.91 -7.34 0.00	63.53 -9.11 0.00	93.09 -12.15 0.00	88.07 -12.43 0.00	104.03 -14.08 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	61.40 -2.03 4.14	40.27 -1.70 2.45	34.14 -2.25 2.70	33.72 -1.95 2.75	39.13 -1.30 2.41	46.38 -2.78 1.06	51.47 -3.90 1.15	58.48 -5.46 0.00	73.50 -6.87 0.00	50.38 -4.57 0.00	50.34 -4.45 0.00	42.08 -3.62 0.00	37.60 -2.50 0.00	42.37 -2.42 0.00	50.45 -3.66 0.00	61.40 -3.85 0.00	66.58 -6.06 0.00	98.18 -7.06 0.00	93.00 -7.50 0.00	110.03 -8.08 0.00
ARTHUR KILL_GT_1 23520	70.78 3.21 0.00	46.93 2.52 0.00	41.13 2.03 0.00	40.39 1.98 0.00	44.84 2.00 0.00	52.93 2.71 0.00	59.46 2.94 0.00	66.65 2.87 0.16	84.17 3.80 0.00	57.75 2.80 0.00	57.52 2.73 0.00	47.96 2.27 0.00	42.24 2.15 0.00	47.12 2.33 0.00	56.91 2.80 0.00	63.94 2.70 4.01	69.54 3.06 6.16	110.24 5.00 0.00	105.34 4.84 0.00	123.99 5.88 0.00
ARTHUR_KILL_2 23512	70.56 2.98 0.00	46.79 2.36 0.00	41.01 1.91 0.00	40.27 1.85 0.00	44.68 1.84 0.00	52.76 2.54 0.00	59.28 2.76 0.00	66.40 2.63 0.17	83.88 3.51 0.00	57.56 2.61 0.00	57.38 2.58 0.00	47.85 2.15 0.00	42.15 2.05 0.00	46.98 2.19 0.00	56.74 2.64 0.00	63.72 2.49 4.01	69.27 2.79 6.17	109.87 4.63 0.00	104.93 4.43 0.00	123.52 5.41 0.00
ARTHUR_KILL_3 23513	70.18 2.60 0.00	46.30 1.88 0.00	40.63 1.54 0.00	39.88 1.46 0.00	44.33 1.49 0.00	52.24 2.02 0.00	59.07 2.55 0.00	66.80 2.86 0.00	83.81 3.44 0.00	57.39 2.44 0.00	57.25 2.46 0.00	47.80 2.10 0.00	42.15 2.05 0.00	47.01 2.23 0.00	56.78 2.67 0.00	64.19 2.94 4.01	69.73 3.25 6.16	110.40 5.16 0.00	105.50 4.99 0.00	123.90 5.79 0.00

ARTHUR_KILL_COGEN 323718	70.78 3.20 0.00	46.94 2.51 0.00	41.13 2.03 0.00	40.39 1.97 0.00	44.82 1.98 0.00	52.93 2.71 0.00	59.46 2.94 0.00	66.64 2.87 0.17	84.17 3.80 0.00	57.75 2.80 0.00	57.53 2.73 0.00	47.97 2.27 0.00	42.25 2.15 0.00	47.10 2.32 0.00	56.91 2.81 0.00	63.93 2.69 4.01	69.54 3.06 6.17	110.25 5.01 0.00	105.34 4.83 0.00	123.98 5.87 0.00
ASHOKAN____ 23654	71.49 3.92 0.00	46.97 2.55 0.00	41.24 2.15 0.00	40.52 2.10 0.00	45.11 2.27 0.00	53.12 2.90 0.00	60.11 3.59 0.00	68.10 4.17 0.00	85.41 5.04 0.00	58.02 3.07 0.00	57.38 2.59 0.00	47.59 1.90 0.00	41.83 1.74 0.00	46.68 1.89 0.00	56.49 2.39 0.00	68.50 3.25 0.00	76.88 4.24 0.00	111.77 6.53 0.00	106.88 6.37 0.00	125.56 7.45 0.00
ASTORIA_EAST_ENERGY_CC1 323581	70.32 2.75 0.00	46.50 2.08 0.00	40.70 1.61 0.00	39.99 1.57 0.00	44.38 1.54 0.00	52.41 2.19 0.00	59.26 2.74 0.00	66.90 2.96 0.00	84.07 3.70 0.00	57.60 2.65 0.00	57.53 2.74 0.00	48.05 2.36 0.00	42.40 2.30 0.00	47.04 2.26 0.00	56.86 2.76 0.00	68.23 2.98 0.00	75.92 3.28 0.00	110.29 5.06 0.00	105.25 4.75 0.00	123.87 5.76 0.00
ASTORIA_EAST_ENERGY_CC2 323582	70.32 2.75 0.00	46.50 2.08 0.00	40.70 1.61 0.00	39.99 1.57 0.00	44.38 1.54 0.00	52.41 2.19 0.00	59.26 2.74 0.00	66.90 2.96 0.00	84.07 3.70 0.00	57.60 2.65 0.00	57.53 2.74 0.00	48.05 2.36 0.00	42.40 2.30 0.00	47.04 2.26 0.00	56.86 2.76 0.00	68.23 2.98 0.00	75.92 3.28 0.00	110.29 5.06 0.00	105.25 4.75 0.00	123.87 5.76 0.00
ASTORIA_GT2_1 24094	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT2_2 24095	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT2_3 24096	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT2_4 24097	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT3_1 24098	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT3_2 24099	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT3_3 24100	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT3_4 24101	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT4_1 24102	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT4_2 24103	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00
ASTORIA_GT4_3 24104	70.38 2.80 0.00	46.52 2.10 0.00	40.72 1.62 0.00	40.01 1.59 0.00	44.43 1.59 0.00	52.43 2.21 0.00	59.32 2.80 0.00	66.94 3.00 0.00	84.12 3.75 0.00	57.64 2.69 0.00	57.57 2.78 0.00	48.08 2.38 0.00	42.41 2.32 0.00	47.08 2.30 0.00	56.87 2.76 0.00	68.25 3.01 0.00	75.95 3.32 0.00	110.38 5.14 0.00	105.30 4.80 0.00	123.98 5.87 0.00

ASTORIA_GT4_4 24105	70.38	46.52	40.72	40.01	44.43	52.43	59.32	66.94	84.12	57.64	57.57	48.08	42.41	47.08	56.87	68.25	75.95	110.38	105.30	123.98
	2.80	2.10	1.62	1.59	1.59	2.21	2.80	3.00	3.75	2.69	2.78	2.38	2.32	2.30	2.76	3.01	3.32	5.14	4.80	5.87
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_1 23523	70.51	46.60	40.79	40.07	44.50	52.53	59.43	67.08	84.29	57.75	57.69	48.17	42.50	47.19	57.00	68.42	76.14	110.61	105.56	124.22
	2.93	2.18	1.69	1.66	1.66	2.30	2.91	3.14	3.92	2.80	2.90	2.48	2.40	2.41	2.90	3.17	3.50	5.37	5.06	6.11
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_10 24110	70.63	46.68	40.95	40.23	44.62	52.64	59.42	67.16	84.39	57.83	57.83	48.26	42.56	47.35	57.15	68.55	76.21	110.71	105.68	124.23
	3.05	2.27	1.86	1.81	1.79	2.42	2.90	3.22	4.01	2.88	3.03	2.57	2.46	2.57	3.05	3.30	3.57	5.48	5.18	6.12
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_11 24225	70.63	46.68	40.95	40.23	44.62	52.64	59.42	67.16	84.39	57.83	57.83	48.26	42.56	47.35	57.15	68.55	76.21	110.71	105.68	124.23
	3.05	2.27	1.86	1.81	1.79	2.42	2.90	3.22	4.01	2.88	3.03	2.57	2.46	2.57	3.05	3.30	3.57	5.48	5.18	6.12
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_12 24226	70.63	46.68	40.95	40.23	44.62	52.64	59.42	67.16	84.39	57.83	57.83	48.26	42.56	47.35	57.15	68.55	76.21	110.71	105.68	124.23
	3.05	2.27	1.86	1.81	1.79	2.42	2.90	3.22	4.01	2.88	3.03	2.57	2.46	2.57	3.05	3.30	3.57	5.48	5.18	6.12
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_13 24227	70.63	46.68	40.95	40.23	44.62	52.64	59.42	67.16	84.39	57.83	57.83	48.26	42.56	47.35	57.15	68.55	76.21	110.71	105.68	124.23
	3.05	2.27	1.86	1.81	1.79	2.42	2.90	3.22	4.01	2.88	3.03	2.57	2.46	2.57	3.05	3.30	3.57	5.48	5.18	6.12
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_5 24106	70.51	46.60	40.79	40.07	44.50	52.53	59.43	67.08	84.29	57.75	57.69	48.17	42.50	47.19	57.00	68.42	76.14	110.61	105.56	124.22
	2.93	2.18	1.69	1.66	1.66	2.30	2.91	3.14	3.92	2.80	2.90	2.48	2.40	2.41	2.90	3.17	3.50	5.37	5.06	6.11
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_7 24107	70.51	46.60	40.79	40.07	44.50	52.53	59.43	67.08	84.29	57.75	57.69	48.17	42.50	47.19	57.00	68.42	76.14	110.61	105.56	124.22
	2.93	2.18	1.69	1.66	1.66	2.30	2.91	3.14	3.92	2.80	2.90	2.48	2.40	2.41	2.90	3.17	3.50	5.37	5.06	6.11
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT_8 24108	70.51	46.60	40.79	40.07	44.50	52.53	59.43	67.08	84.29	57.75	57.69	48.17	42.50	47.19	57.00	68.42	76.14	110.61	105.56	124.22
	2.93	2.18	1.69	1.66	1.66	2.30	2.91	3.14	3.92	2.80	2.90	2.48	2.40	2.41	2.90	3.17	3.50	5.37	5.06	6.11
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA___2 24149	70.38	46.51	40.72	40.01	44.40	52.43	59.31	66.93	84.12	57.64	57.57	48.08	42.41	47.06	56.87	68.25	75.95	110.38	105.31	123.97
	2.80	2.09	1.63	1.60	1.57	2.21	2.80	2.99	3.75	2.69	2.78	2.38	2.31	2.28	2.77	3.01	3.31	5.14	4.80	5.86
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA___3 23516	70.62	46.68	40.95	40.22	44.61	52.63	59.42	67.15	84.38	57.83	57.82	48.27	42.56	47.34	57.15	68.55	76.21	110.71	105.68	124.23
	3.05	2.26	1.86	1.81	1.77	2.41	2.90	3.21	4.01	2.88	3.03	2.57	2.46	2.55	3.05	3.30	3.57	5.47	5.18	6.12
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA___4 23517	70.63	46.68	40.95	40.23	44.62	52.64	59.42	67.16	84.39	57.83	57.83	48.26	42.56	47.35	57.15	68.55	76.21	110.71	105.68	124.23
	3.05	2.27	1.86	1.81	1.79	2.42	2.90	3.22	4.01	2.88	3.03	2.57	2.46	2.57	3.05	3.30	3.57	5.48	5.18	6.12
	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	0.00	0.00	0.00	0.00	0.00
ASTORIA___5 23518	70.62	46.68	40.95	40.22	44.61	52.63	59.42	67.15	84.38	57.83	57.82	48.27	42.56	47.34	57.15	68.55	76.21	110.71	105.68	124.23
	3.05	2.26	1.86	1.81	1.77	2.41	2.90	3.21	4.01	2.88	3.03	2.57	2.46	2.55	3.05	3.30	3.57	5.47	5.18	6.12
	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	0.00	0.00	0.00	0.00	0.00
AST_ENERGY_2_CC3 323677	61.15	42.76	40.43	39.84	42.76	42.75	42.76	47.03	66.62	44.56	57.40	47.92	42.27	47.14	56.90	64.74	73.20	106.70	102.88	120.34
	2.70	1.91	1.57	1.49	1.52	2.08	2.63	2.96	3.56	2.57	2.61	2.23	2.17	2.36	2.80	3.13	3.47	5.31	5.11	5.90
	9.13	3.57	0.23	0.07	1.60	9.56	16.39	19.87	17.30	12.96	0.00	0.00	0.00	0.00	0.00	3.64	2.90	3.85	2.72	3.68
AST_ENERGY_2_CC4 323678	61.15	42.76	40.43	39.84	42.76	42.75	42.76	47.03	66.62	44.56	57.40	47.92	42.27	47.14	56.90	64.74	73.20	106.70	102.88	120.34
	2.70	1.91	1.57	1.49	1.52	2.08	2.63	2.96	3.56	2.57	2.61	2.23	2.17	2.36	2.80	3.13	3.47	5.31	5.11	5.90
	9.13	3.57	0.23	0.07	1.60	9.56	16.39	19.87	17.30	12.96	0.00	0.00	0.00	0.00	0.00	3.64	2.90	3.85	2.72	3.68

ATHENS_STG_1 23668	69.22	45.55	40.01	39.30	43.73	51.41	58.01	65.52	82.26	56.21	55.99	46.74	41.12	45.93	55.51	66.85	74.44	107.69	103.02	121.06
	1.64	1.13	0.92	0.88	0.89	1.19	1.49	1.58	1.89	1.26	1.19	1.05	1.02	1.15	1.40	1.60	1.80	2.45	2.52	2.95
	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	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	69.22	45.55	40.01	39.30	43.73	51.41	58.01	65.52	82.26	56.21	55.99	46.74	41.12	45.93	55.51	66.85	74.44	107.69	103.02	121.06
	1.64	1.13	0.92	0.88	0.89	1.19	1.49	1.58	1.89	1.26	1.19	1.05	1.02	1.15	1.40	1.60	1.80	2.45	2.52	2.95
	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	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	69.22	45.55	40.01	39.30	43.73	51.41	58.01	65.52	82.26	56.21	55.99	46.74	41.12	45.93	55.51	66.85	74.44	107.69	103.02	121.06
	1.64	1.13	0.92	0.88	0.89	1.19	1.49	1.58	1.89	1.26	1.19	1.05	1.02	1.15	1.40	1.60	1.80	2.45	2.52	2.95
	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	0.00	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	66.88	43.83	38.57	37.93	42.55	49.76	55.88	63.42	79.51	54.26	53.95	44.83	39.30	44.01	53.23	64.49	71.89	104.51	99.24	116.68
	-0.70	-0.59	-0.52	-0.48	-0.28	-0.47	-0.64	-0.51	-0.86	-0.69	-0.85	-0.87	-0.79	-0.78	-0.87	-0.76	-0.75	-0.73	-1.26	-1.43
	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	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	71.59	46.94	41.16	40.27	44.75	53.09	59.94	67.68	86.53	60.38	57.93	48.27	42.34	47.43	57.76	69.54	84.08	122.74	131.60	125.55
	4.01	2.52	2.07	1.85	1.92	2.87	3.42	3.74	3.69	3.15	3.13	2.58	2.24	2.64	3.66	4.30	4.68	6.59	6.40	7.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-2.27	0.00	0.00	0.00	0.00	0.00	0.00	-6.76	-10.91	-24.71	-0.01
BALL_HILL_WT_PWR 323825	60.75	39.98	34.30	33.77	38.83	46.29	51.58	58.94	74.05	50.87	50.86	42.41	37.49	42.24	50.46	61.10	66.67	97.92	92.97	109.92
	-2.70	-2.00	-2.10	-1.90	-1.59	-2.88	-3.79	-5.00	-6.32	-4.09	-3.94	-3.28	-2.61	-2.55	-3.65	-4.15	-5.97	-7.32	-7.53	-8.19
	4.14	2.44	2.69	2.75	2.41	1.06	1.15	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
BARON_WINDS____WT_PWR 323822	65.96	43.12	38.31	37.77	42.03	47.89	53.65	59.29	74.48	50.55	50.20	41.85	36.41	41.52	49.74	60.51	67.06	97.66	93.41	111.08
	-3.55	-2.44	-2.04	-1.93	-1.93	-2.82	-3.40	-4.65	-5.89	-4.40	-4.59	-3.84	-3.69	-3.27	-4.36	-4.74	-5.58	-7.58	-7.10	-7.03
	-1.93	-1.13	-1.25	-1.28	-1.12	-0.49	-0.53	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
BARRETT_IC_1 23704	70.80	46.49	40.75	39.93	44.38	52.50	59.25	66.75	85.13	59.76	57.60	48.05	42.16	47.18	57.26	68.83	82.64	119.20	128.96	124.24
	3.22	2.07	1.66	1.51	1.54	2.27	2.73	2.81	2.37	2.60	2.80	2.35	2.06	2.39	3.15	3.58	3.63	5.13	5.08	6.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-2.20	-0.01	-0.01	0.00	0.00	0.00	0.00	-6.38	-8.83	-23.38	-0.02
BARRETT_IC_10 23701	70.80	46.49	40.75	39.93	44.38	52.50	59.25	66.75	85.13	59.76	57.60	48.05	42.16	47.18	57.26	68.83	82.64	119.20	128.96	124.24
	3.22	2.07	1.66	1.51	1.54	2.27	2.73	2.81	2.37	2.60	2.80	2.35	2.06	2.39	3.15	3.58	3.63	5.13	5.08	6.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-2.20	-0.01	-0.01	0.00	0.00	0.00	0.00	-6.38	-8.83	-23.38	-0.02
BARRETT_IC_11 23702	70.80	46.49	40.75	39.93	44.38	52.50	59.25	66.75	85.13	59.76	57.60	48.05	42.16	47.18	57.26	68.83	82.64	119.20	128.96	124.24
	3.22	2.07	1.66	1.51	1.54	2.27	2.73	2.81	2.37	2.60	2.80	2.35	2.06	2.39	3.15	3.58	3.63	5.13	5.08	6.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-2.20	-0.01	-0.01	0.00	0.00	0.00	0.00	-6.38	-8.83	-23.38	-0.02
BARRETT_IC_12 23703	70.80	46.49	40.75	39.93	44.38	52.50	59.25	66.75	85.13	59.76	57.60	48.05	42.16	47.18	57.26	68.83	82.64	119.20	128.96	124.24
	3.22	2.07	1.66	1.51	1.54	2.27	2.73	2.81	2.37	2.60	2.80	2.35	2.06	2.39	3.15	3.58	3.63	5.13	5.08	6.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-2.20	-0.01	-0.01	0.00	0.00	0.00	0.00	-6.38	-8.83	-23.38	-0.02
BARRETT_IC_2 23705	70.80	46.49	40.75	39.93	44.38	52.50	59.25	66.75	85.13	59.76	57.60	48.05	42.16	47.18	57.26	68.83	82.64	119.20	128.96	124.24
	3.22	2.07	1.66	1.51	1.54	2.27	2.73	2.81	2.37	2.60	2.80	2.35	2.06	2.39	3.15	3.58	3.63	5.13	5.08	6.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-2.20	-0.01	-0.01	0.00	0.00	0.00	0.00	-6.38	-8.83	-23.38	-0.02
BARRETT_IC_3 23706	70.80	46.49	40.75	39.93	44.38	52.50	59.25	66.75	85.13	59.76	57.60	48.05	42.16	47.18	57.26	68.83	82.64	119.20	128.96	124.24
	3.22	2.07	1.66	1.51	1.54	2.27	2.73	2.81	2.37	2.60	2.80	2.35	2.06	2.39	3.15	3.58	3.63	5.13	5.08	6.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-2.20	-0.01	-0.01	0.00	0.00	0.00	0.00	-6.38	-8.83	-23.38	-0.02
BARRETT_IC_4 23707	70.80	46.49	40.75	39.93	44.38	52.50	59.25	66.75	85.13	59.76	57.60	48.05	42.16	47.18	57.26	68.83	82.64	119.20	128.96	124.24
	3.22	2.07	1.66	1.51	1.54	2.27	2.73	2.81	2.37	2.60	2.80	2.35	2.06	2.39	3.15	3.58	3.63	5.13	5.08	6.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-2.20	-0.01	-0.01	0.00	0.00	0.00	0.00	-6.38	-8.83	-23.38	-0.02
BARRETT_IC_5 23708	70.80	46.49	40.75	39.93	44.38	52.50	59.25	66.75	85.13	59.76	57.60	48.05	42.16	47.18	57.26	68.83	82.64	119.20	128.96	124.24
	3.22	2.07	1.66	1.51	1.54	2.27	2.73	2.81	2.37	2.60	2.80	2.35	2.06	2.39	3.15	3.58	3.63	5.13	5.08	6.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-2.20	-0.01	-0.01	0.00	0.00	0.00	0.00	-6.38	-8.83	-23.38	-0.02

BARRETT_IC_6 23709	70.80 3.22 0.00	46.49 2.07 0.00	40.75 1.66 0.00	39.93 1.51 0.00	44.38 1.54 0.00	52.50 2.27 0.00	59.25 2.73 0.00	66.75 2.81 0.00	85.13 2.37 -2.39	59.76 2.60 -2.20	57.60 2.80 -0.01	48.05 2.35 -0.01	42.16 2.06 0.00	47.18 2.39 0.00	57.26 3.15 0.00	68.83 3.58 0.00	82.64 3.63 -6.38	119.20 5.13 -8.83	128.96 5.08 -23.38	124.24 6.12 -0.02
BARRETT_IC_7 23710	70.80 3.22 0.00	46.49 2.07 0.00	40.75 1.66 0.00	39.93 1.51 0.00	44.39 1.55 0.00	52.50 2.27 0.00	59.26 2.74 0.00	66.75 2.81 0.00	85.11 2.35 -2.39	59.76 2.60 -2.20	57.60 2.80 -0.01	48.06 2.35 -0.01	42.16 2.06 0.00	47.18 2.40 0.00	57.26 3.15 0.00	68.84 3.59 0.00	82.64 3.63 -6.38	119.19 5.13 -8.83	128.96 5.08 -23.38	124.25 6.12 -0.02
BARRETT_IC_8 23711	70.80 3.22 0.00	46.49 2.07 0.00	40.75 1.66 0.00	39.93 1.51 0.00	44.38 1.54 0.00	52.50 2.27 0.00	59.25 2.73 0.00	66.75 2.81 0.00	85.13 2.37 -2.39	59.76 2.60 -2.20	57.60 2.80 -0.01	48.05 2.35 -0.01	42.16 2.06 0.00	47.18 2.39 0.00	57.26 3.15 0.00	68.83 3.58 0.00	82.64 3.63 -6.38	119.20 5.13 -8.83	128.96 5.08 -23.38	124.24 6.12 -0.02
BARRETT_IC_9 23700	70.80 3.22 0.00	46.49 2.07 0.00	40.75 1.66 0.00	39.93 1.51 0.00	44.38 1.54 0.00	52.50 2.27 0.00	59.25 2.73 0.00	66.75 2.81 0.00	85.13 2.37 -2.39	59.76 2.60 -2.20	57.60 2.80 -0.01	48.05 2.35 -0.01	42.16 2.06 0.00	47.18 2.39 0.00	57.26 3.15 0.00	68.83 3.58 0.00	82.64 3.63 -6.38	119.20 5.13 -8.83	128.96 5.08 -23.38	124.24 6.12 -0.02
BARRETT___1 23545	70.80 3.22 0.00	46.49 2.07 0.00	40.75 1.66 0.00	39.93 1.51 0.00	44.38 1.54 0.00	52.50 2.27 0.00	59.25 2.73 0.00	66.75 2.81 0.00	85.13 2.37 -2.39	59.76 2.60 -2.20	57.60 2.80 -0.01	48.05 2.35 -0.01	42.16 2.06 0.00	47.18 2.39 0.00	57.26 3.15 0.00	68.83 3.58 0.00	82.64 3.63 -6.38	119.20 5.13 -8.83	128.96 5.08 -23.38	124.24 6.12 -0.02
BARRETT___2 23546	70.80 3.22 0.00	46.49 2.07 0.00	40.75 1.66 0.00	39.93 1.51 0.00	44.38 1.54 0.00	52.50 2.27 0.00	59.25 2.73 0.00	66.75 2.81 0.00	85.13 2.37 -2.39	59.76 2.60 -2.20	57.60 2.80 -0.01	48.05 2.35 -0.01	42.16 2.06 0.00	47.18 2.39 0.00	57.26 3.15 0.00	68.83 3.58 0.00	82.64 3.63 -6.38	119.20 5.13 -8.83	128.96 5.08 -23.38	124.24 6.12 -0.02
BATAVIA___115KV_TB1 55881	64.87 -2.71 0.00	42.51 -1.91 0.00	37.40 -1.69 0.00	36.81 -1.61 0.00	41.43 -1.41 0.00	47.96 -2.26 0.00	53.05 -3.47 0.00	59.76 -4.18 0.00	75.47 -4.90 0.00	52.01 -2.94 0.00	51.93 -2.87 0.00	43.15 -2.54 0.00	37.87 -2.23 0.00	42.65 -2.14 0.00	51.24 -2.86 0.00	61.43 -3.82 0.00	68.10 -4.54 0.00	99.83 -5.41 0.00	94.49 -6.01 0.00	111.58 -6.53 0.00
BAYONEEC___CTG1 323682	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BAYONEEC___CTG10 323750	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BAYONEEC___CTG2 323683	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BAYONEEC___CTG3 323684	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BAYONEEC___CTG4 323685	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BAYONEEC___CTG5 323686	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BAYONEEC___CTG6 323687	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BAYONEEC___CTG7 323688	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00

BAYONEEC___CTG8 323689	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BAYONEEC___CTG9 323749	70.45 2.88 0.00	46.47 2.05 0.00	40.77 1.68 0.00	40.02 1.61 0.00	44.49 1.65 0.00	52.44 2.22 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.15 3.78 0.00	57.65 2.70 0.00	57.51 2.72 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.23 2.44 0.00	57.01 2.91 0.00	68.51 3.26 0.00	76.24 3.60 0.00	110.75 5.51 0.00	105.80 5.30 0.00	124.25 6.14 0.00
BEACON___LESR 323632	70.19 2.61 0.00	46.00 1.58 0.00	40.49 1.40 0.00	39.64 1.23 0.00	44.15 1.31 0.00	51.72 1.50 0.00	58.34 1.82 0.00	65.90 1.97 0.00	82.71 2.34 0.00	56.24 1.29 0.00	55.89 1.10 0.00	46.59 0.89 0.00	40.94 0.84 0.00	45.89 1.10 0.00	55.46 1.36 0.00	66.86 1.61 0.00	74.64 2.00 0.00	107.90 2.66 0.00	103.15 2.65 0.00	121.32 3.21 0.00
BEAVER RIVER___HYD 24048	67.75 0.17 0.00	44.71 0.29 0.00	39.79 0.70 0.00	39.29 0.87 0.00	43.86 1.02 0.00	51.40 1.18 0.00	58.11 1.59 0.00	65.99 2.05 0.00	82.94 2.58 0.00	56.67 1.72 0.00	56.46 1.67 0.00	47.05 1.36 0.00	40.54 0.44 0.00	44.85 0.06 0.00	54.13 0.03 0.00	65.47 0.21 0.00	73.66 1.03 0.00	106.38 1.15 0.00	101.05 0.55 0.00	118.36 0.25 0.00
BEEBEE_GT_13 23619	65.05 -2.52 0.00	42.66 -1.76 0.00	37.57 -1.52 0.00	36.95 -1.46 0.00	41.41 -1.43 0.00	48.10 -2.12 0.00	53.63 -2.89 0.00	60.53 -3.41 0.00	76.33 -4.04 0.00	52.41 -2.54 0.00	52.39 -2.40 0.00	43.65 -2.05 0.00	38.25 -1.84 0.00	42.92 -1.87 0.00	51.74 -2.36 0.00	62.33 -2.91 0.00	69.17 -3.46 0.00	100.97 -4.27 0.00	95.85 -4.65 0.00	112.90 -5.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	71.23 3.66 0.00	47.05 2.63 0.00	41.22 2.13 0.00	40.49 2.07 0.00	44.94 2.10 0.00	53.03 2.81 0.00	59.82 3.30 0.00	67.53 3.59 0.00	84.93 4.56 0.00	58.20 3.25 0.00	58.13 3.34 0.00	48.50 2.81 0.00	42.73 2.64 0.00	47.61 2.83 0.00	57.49 3.38 0.00	68.92 3.68 0.00	76.67 4.04 0.00	111.51 6.28 0.00	106.46 5.96 0.00	125.18 7.07 0.00
BETHLEHEM___GRP 23843	69.24 1.66 0.00	45.51 1.09 0.00	39.93 0.84 0.00	39.19 0.77 0.00	43.55 0.71 0.00	50.97 0.75 0.00	57.34 0.82 0.00	64.75 0.81 0.00	81.34 0.98 0.00	55.37 0.42 0.00	55.13 0.33 0.00	46.04 0.35 0.00	40.38 0.29 0.00	45.14 0.36 0.00	54.51 0.41 0.00	65.52 0.27 0.00	73.03 0.39 0.00	105.53 0.29 0.00	101.02 0.52 0.00	118.71 0.60 0.00
BETHLEHEM___GS1 323560	69.24 1.66 0.00	45.51 1.08 0.00	39.93 0.83 0.00	39.19 0.77 0.00	43.55 0.71 0.00	50.97 0.75 0.00	57.33 0.81 0.00	64.75 0.81 0.00	81.35 0.98 0.00	55.37 0.42 0.00	55.14 0.34 0.00	46.04 0.35 0.00	40.38 0.29 0.00	45.15 0.36 0.00	54.50 0.40 0.00	65.52 0.27 0.00	73.04 0.40 0.00	105.53 0.29 0.00	101.03 0.53 0.00	118.71 0.60 0.00
BETHLEHEM___GS2 323561	69.24 1.66 0.00	45.51 1.08 0.00	39.93 0.83 0.00	39.19 0.77 0.00	43.55 0.71 0.00	50.97 0.75 0.00	57.33 0.81 0.00	64.75 0.81 0.00	81.35 0.98 0.00	55.37 0.42 0.00	55.14 0.34 0.00	46.04 0.35 0.00	40.38 0.29 0.00	45.15 0.36 0.00	54.50 0.40 0.00	65.52 0.27 0.00	73.04 0.40 0.00	105.53 0.29 0.00	101.03 0.53 0.00	118.71 0.60 0.00
BETHLEHEM___GS3 323562	69.24 1.66 0.00	45.51 1.08 0.00	39.93 0.83 0.00	39.19 0.77 0.00	43.55 0.71 0.00	50.97 0.75 0.00	57.33 0.81 0.00	64.75 0.81 0.00	81.35 0.98 0.00	55.37 0.42 0.00	55.14 0.34 0.00	46.04 0.35 0.00	40.38 0.29 0.00	45.15 0.36 0.00	54.50 0.40 0.00	65.52 0.27 0.00	73.04 0.40 0.00	105.53 0.29 0.00	101.03 0.53 0.00	118.71 0.60 0.00
BETHLEHEM___STEEL 23779	64.38 -3.20 0.00	42.22 -2.20 0.00	37.12 -1.98 0.00	36.56 -1.86 0.00	41.13 -1.71 0.00	47.37 -2.85 0.00	52.39 -4.13 0.00	58.68 -5.26 0.00	74.13 -6.25 0.00	51.20 -3.75 0.00	51.28 -3.51 0.00	42.80 -2.90 0.00	37.52 -2.57 0.00	42.13 -2.66 0.00	50.51 -3.59 0.00	60.70 -4.55 0.00	66.77 -5.87 0.00	97.83 -7.40 0.00	92.81 -7.70 0.00	109.69 -8.42 0.00
BETHLHEM_115KV_TB1 79974	69.21 1.64 0.00	45.50 1.08 0.00	39.92 0.83 0.00	39.18 0.76 0.00	43.56 0.72 0.00	51.01 0.79 0.00	57.40 0.88 0.00	64.82 0.89 0.00	81.44 1.07 0.00	55.46 0.51 0.00	55.21 0.42 0.00	46.10 0.41 0.00	40.46 0.36 0.00	45.22 0.43 0.00	54.61 0.51 0.00	65.69 0.44 0.00	73.24 0.60 0.00	105.85 0.61 0.00	101.32 0.83 0.00	119.06 0.96 0.00
BETHPAGE_CC_5 323564	71.14 3.56 0.00	46.66 2.24 0.00	40.90 1.81 0.00	40.04 1.63 0.00	44.50 1.67 0.00	52.70 2.48 0.00	59.41 2.89 0.00	67.06 3.12 0.00	85.92 2.95 -2.60	60.00 2.65 -2.39	57.48 2.69 0.00	47.93 2.23 0.00	42.07 1.97 0.00	47.08 2.30 0.00	57.26 3.16 0.00	68.90 3.64 0.00	83.64 3.97 -7.03	121.36 5.60 -10.52	131.69 5.48 -25.70	124.47 6.35 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	64.78 -2.79 0.00	42.49 -1.93 0.00	37.35 -1.75 0.00	36.79 -1.63 0.00	41.39 -1.45 0.00	47.67 -2.55 0.00	52.77 -3.75 0.00	59.13 -4.80 0.00	74.71 -5.66 0.00	51.60 -3.35 0.00	51.64 -3.15 0.00	43.10 -2.60 0.00	37.78 -2.32 0.00	42.42 -2.37 0.00	50.83 -3.27 0.00	61.13 -4.12 0.00	67.23 -5.40 0.00	98.49 -6.74 0.00	93.46 -7.04 0.00	110.63 -7.48 0.00
BINGHAMTON___COGEN 23790	66.62 -0.96 0.00	43.73 -0.69 0.00	38.51 -0.59 0.00	37.91 -0.51 0.00	42.31 -0.52 0.00	49.42 -0.80 0.00	55.79 -0.73 0.00	63.18 -0.75 0.00	79.39 -0.98 0.00	54.24 -0.71 0.00	53.86 -0.94 0.00	44.89 -0.80 0.00	39.39 -0.70 0.00	44.03 -0.76 0.00	53.19 -0.91 0.00	64.38 -0.87 0.00	71.42 -1.22 0.00	103.68 -1.56 0.00	98.90 -1.60 0.00	116.44 -1.67 0.00

BIXINCNT_115KV_LOAD 355685	65.80	43.15	37.70	37.28	41.92	48.40	53.84	60.53	76.44	52.67	52.36	43.78	37.97	42.46	50.67	61.64	67.44	98.36	94.36	112.52
	-1.78	-1.26	-1.39	-1.14	-0.92	-1.82	-2.68	-3.41	-3.93	-2.28	-2.43	-1.91	-2.12	-2.33	-3.43	-3.61	-5.20	-6.88	-6.14	-5.59
	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	0.00	0.00	0.00	0.00	0.00
BLACK RIVER___HYD 24047	67.22	44.49	39.68	39.21	43.83	51.45	58.24	66.16	83.16	56.75	56.47	47.03	40.32	44.47	53.64	65.23	73.78	106.56	100.89	118.23
	-0.36	0.08	0.59	0.79	0.99	1.23	1.72	2.22	2.79	1.80	1.67	1.34	0.22	-0.32	-0.47	-0.02	1.15	1.32	0.39	0.12
	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	0.00	0.00	0.00	0.00	0.00
BLACKRVR_115KV_TB2 79977	67.21	44.49	39.69	39.21	43.83	51.45	58.24	66.16	83.16	56.75	56.47	47.04	40.31	44.47	53.64	65.23	73.78	106.56	100.89	118.23
	-0.37	0.07	0.59	0.79	0.99	1.23	1.72	2.22	2.79	1.80	1.67	1.34	0.22	-0.32	-0.47	-0.02	1.15	1.32	0.38	0.12
	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	0.00	0.00	0.00	0.00	0.00
BLDWN_LI_69_KV_BK4 356085	71.46	46.89	41.09	40.25	44.75	52.97	59.83	67.47	86.49	60.63	57.93	48.29	42.38	47.45	57.64	69.35	84.71	122.09	134.98	125.66
	3.89	2.47	2.00	1.83	1.91	2.74	3.31	3.54	3.22	3.01	3.13	2.60	2.28	2.67	3.54	4.10	4.36	6.18	6.20	7.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.89	-2.67	0.00	0.00	0.00	0.00	0.00	0.00	-7.71	-10.68	-28.28	-0.01
BLISS_WT_PWR 323608	61.50	40.62	34.86	34.41	39.41	47.29	52.59	60.51	76.40	52.64	52.26	43.74	37.83	42.23	50.34	61.42	67.10	97.79	94.04	112.40
	-1.84	-1.30	-1.47	-1.20	-0.96	-1.84	-2.75	-3.43	-3.96	-2.31	-2.53	-1.96	-2.26	-2.56	-3.76	-3.83	-5.54	-7.44	-6.47	-5.71
	4.24	2.50	2.76	2.81	2.47	1.08	1.18	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
BLUESTONE___WT_PWR 323821	66.92	44.11	39.53	39.14	43.49	50.99	57.68	65.82	84.26	57.34	56.50	46.95	40.89	45.73	55.62	67.80	75.11	108.23	101.99	119.87
	-1.50	-0.80	-0.11	0.16	0.16	0.55	0.92	1.88	3.89	2.39	1.71	1.26	0.80	0.94	1.52	2.55	2.47	2.99	1.49	1.76
	-0.85	-0.50	-0.55	-0.56	-0.49	-0.21	-0.23	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
BLUE_CIRC_CHEM_DRP 24182	69.46	45.67	40.11	39.38	43.81	51.36	57.83	65.27	81.97	55.65	55.37	46.26	40.62	45.40	54.89	66.32	73.99	106.99	102.36	120.35
	1.88	1.25	1.01	0.96	0.97	1.14	1.31	1.34	1.59	0.70	0.58	0.56	0.52	0.61	0.79	1.08	1.35	1.75	1.86	2.24
	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	0.00	0.00	0.00	0.00	0.00
BOC_GAS_DRP 24189	68.92	45.32	39.80	39.08	43.48	51.03	57.47	64.88	81.51	55.59	55.36	46.23	40.62	45.39	54.86	66.10	73.66	106.51	101.90	119.76
	1.34	0.90	0.70	0.66	0.64	0.80	0.95	0.95	1.14	0.64	0.57	0.54	0.52	0.60	0.76	0.85	1.02	1.28	1.40	1.65
	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	0.00	0.00	0.00	0.00	0.00
BOONVLE_115KV_TB1 79983	68.68	45.21	40.02	39.43	44.00	51.67	58.43	66.25	83.26	56.84	56.61	47.08	40.84	45.38	54.89	66.52	74.68	108.14	103.01	120.94
	1.11	0.79	0.93	1.01	1.16	1.45	1.92	2.31	2.88	1.89	1.82	1.39	0.74	0.60	0.79	1.27	2.05	2.90	2.51	2.84
	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	0.00	0.00	0.00	0.00	0.00
BORALEX_4TH_BRANCH 23824	70.41	46.09	40.50	39.74	44.18	52.09	58.75	66.23	83.02	56.42	55.90	46.77	41.24	46.19	56.19	68.05	76.01	110.03	105.47	124.02
	2.83	1.67	1.41	1.32	1.34	1.87	2.23	2.29	2.65	1.47	1.11	1.08	1.15	1.40	2.09	2.80	3.38	4.79	4.96	5.91
	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	0.00	0.00	0.00	0.00	0.00	0.00
BOWLINE___1 23526	69.72	45.93	40.31	39.58	44.01	51.85	58.62	66.28	83.07	56.82	56.65	47.28	41.62	46.46	56.13	67.55	75.30	109.33	104.50	122.71
	2.14	1.51	1.22	1.17	1.17	1.62	2.10	2.34	2.71	1.87	1.86	1.58	1.53	1.68	2.03	2.30	2.66	4.09	4.00	4.60
	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	0.00	0.00	0.00	0.00	0.00
BOWLINE___2 23595	69.62	45.85	40.26	39.52	43.94	51.77	58.55	66.18	82.93	56.73	56.56	47.20	41.56	46.39	56.05	67.43	75.18	109.14	104.32	122.60
	2.05	1.43	1.16	1.10	1.11	1.55	2.02	2.24	2.56	1.78	1.76	1.51	1.47	1.61	1.94	2.18	2.55	3.90	3.82	4.49
	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	0.00	0.00	0.00	0.00	0.00
BRADY___115KV_TB2 356060	70.20	46.18	40.66	39.98	44.68	52.29	58.64	66.59	83.81	57.58	57.63	48.03	42.08	46.91	56.47	67.84	75.24	108.99	104.03	122.01
	2.62	1.76	1.57	1.56	1.84	2.07	2.12	2.65	3.44	2.63	2.84	2.33	1.99	2.12	2.37	2.60	2.61	3.75	3.53	3.90
	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	0.00	0.00	0.00	0.00	0.00
BRANSCOMB___SOLAR 323811	70.43	46.23	40.63	39.88	44.43	52.34	59.20	66.85	83.82	56.80	56.40	47.18	41.38	46.40	56.20	68.26	76.37	110.57	105.79	124.37
	2.86	1.82	1.54	1.47	1.59	2.12	2.68	2.91	3.45	1.85	1.61	1.48	1.28	1.61	2.10	3.01	3.73	5.33	5.29	6.26
	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	0.00	0.00	0.00	0.00	0.00
BRDGHMPT_69_KV_BK1 55812	71.99	47.14	41.43	40.47	45.00	53.54	60.61	68.35	86.41	60.28	58.12	48.59	42.65	48.05	58.78	71.23	85.93	130.22	132.31	125.30
	4.41	2.72	2.34	2.05	2.16	3.31	4.09	4.41	3.77	3.24	3.33	2.90	2.55	3.26	4.68	5.98	6.41	8.61	7.01	7.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.27	-2.09	0.00	0.00	0.00	0.00	0.00	0.00	-6.88	-16.38	-24.80	-0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	72.10 4.52 0.00	47.23 2.82 0.00	41.42 2.32 0.00	40.51 2.09 0.00	45.01 2.17 0.00	53.44 3.21 0.00	60.21 3.69 0.00	67.94 4.00 0.00	86.66 3.99 -2.30	60.62 3.55 -2.12	58.30 3.51 0.00	48.61 2.92 0.00	42.63 2.53 0.00	47.74 2.95 0.00	58.15 4.04 0.00	70.09 4.84 0.00	84.66 5.11 -6.91	128.08 6.94 -15.90	132.15 6.73 -24.92	126.01 7.89 -0.01
BRISTLHL_115KV_TB1 79998	64.91 -2.67 0.00	42.64 -1.78 0.00	37.58 -1.52 0.00	36.95 -1.47 0.00	41.21 -1.62 0.00	48.27 -1.95 0.00	54.39 -2.13 0.00	61.51 -2.43 0.00	77.36 -3.01 0.00	52.85 -2.10 0.00	52.62 -2.17 0.00	43.86 -1.84 0.00	38.44 -1.65 0.00	42.87 -1.92 0.00	51.70 -2.41 0.00	62.56 -2.69 0.00	69.73 -2.91 0.00	101.22 -4.02 0.00	96.53 -3.98 0.00	113.50 -4.61 0.00
BROOKHAVEN___DRP 24191	71.90 4.33 0.00	47.11 2.69 0.00	41.33 2.24 0.00	40.41 2.00 0.00	44.92 2.08 0.00	53.38 3.15 0.00	60.35 3.83 0.00	68.04 4.10 0.00	86.51 3.88 -2.27	60.36 3.32 -2.09	58.04 3.25 0.00	48.38 2.69 0.00	42.42 2.32 0.00	47.57 2.78 0.00	57.98 3.88 0.00	70.07 4.82 0.00	84.59 5.06 -6.89	128.56 6.86 -16.46	131.42 6.09 -24.83	124.60 6.48 -0.01
BROOKLYN_NAVY_YARD 23515	70.37 2.79 0.00	46.42 2.00 0.00	40.74 1.65 0.00	39.99 1.57 0.00	44.43 1.60 0.00	52.38 2.16 0.00	59.27 2.75 0.00	67.05 3.11 0.00	84.12 3.75 0.00	57.63 2.68 0.00	57.50 2.71 0.00	48.01 2.32 0.00	42.34 2.24 0.00	47.22 2.43 0.00	57.00 2.90 0.00	68.48 3.23 0.00	76.24 3.60 0.00	110.81 5.57 0.00	105.84 5.34 0.00	124.36 6.25 0.00
BROOKLYN___ARMY_DRP 323595	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
BROOME_2_LFGE 323671	67.64 -0.96 -1.02	44.34 -0.68 -0.60	39.17 -0.59 -0.66	38.59 -0.51 -0.68	42.90 -0.52 -0.59	49.68 -0.80 -0.26	56.08 -0.72 -0.28	63.18 -0.76 0.00	79.39 -0.98 0.00	54.24 -0.71 0.00	53.86 -0.94 0.00	44.89 -0.80 0.00	39.40 -0.70 0.00	44.03 -0.76 0.00	53.19 -0.91 0.00	64.38 -0.87 0.00	71.42 -1.22 0.00	103.68 -1.56 0.00	98.90 -1.60 0.00	116.44 -1.67 0.00
BROOME___LFGE 323600	67.64 -0.96 -1.02	44.34 -0.68 -0.60	39.17 -0.59 -0.66	38.59 -0.51 -0.68	42.90 -0.52 -0.59	49.68 -0.80 -0.26	56.08 -0.72 -0.28	63.18 -0.76 0.00	79.39 -0.98 0.00	54.24 -0.71 0.00	53.86 -0.94 0.00	44.89 -0.80 0.00	39.40 -0.70 0.00	44.03 -0.76 0.00	53.19 -0.91 0.00	64.38 -0.87 0.00	71.42 -1.22 0.00	103.68 -1.56 0.00	98.90 -1.60 0.00	116.44 -1.67 0.00
BROWNFLS_115KV_TB 3_5 80003	68.24 0.66 0.00	44.99 0.57 0.00	39.86 0.77 0.00	39.28 0.86 0.00	43.87 1.03 0.00	51.27 1.04 0.00	57.74 1.22 0.00	65.61 1.67 0.00	82.53 2.15 0.00	56.54 1.59 0.00	56.49 1.69 0.00	47.17 1.48 0.00	40.91 0.82 0.00	45.42 0.64 0.00	54.78 0.68 0.00	65.89 0.64 0.00	73.38 0.75 0.00	106.07 0.83 0.00	100.92 0.42 0.00	118.24 0.13 0.00
BROWNSV1_27_KV_LOAD 356125	71.26 3.68 0.00	46.96 2.55 0.00	41.20 2.11 0.00	40.44 2.02 0.00	44.96 2.12 0.00	53.02 2.80 0.00	59.98 3.46 0.00	67.88 3.94 0.00	85.19 4.82 0.00	58.35 3.40 0.00	58.23 3.44 0.00	48.61 2.91 0.00	42.83 2.74 0.00	47.79 3.00 0.00	57.70 3.60 0.00	69.35 4.10 0.00	77.21 4.58 0.00	112.20 6.96 0.00	107.17 6.67 0.00	125.90 7.79 0.00
BURROWS___LYONSDAL 23803	68.36 0.78 0.00	45.03 0.61 0.00	39.94 0.84 0.00	39.38 0.96 0.00	43.94 1.10 0.00	51.60 1.38 0.00	58.36 1.84 0.00	66.19 2.25 0.00	83.19 2.82 0.00	56.78 1.83 0.00	56.55 1.75 0.00	47.04 1.34 0.00	40.71 0.62 0.00	45.18 0.39 0.00	54.62 0.51 0.00	66.14 0.89 0.00	74.41 1.78 0.00	107.63 2.39 0.00	102.48 1.98 0.00	120.25 2.14 0.00
CAITHNESS_CC_1 323624	71.73 4.15 0.00	46.99 2.57 0.00	41.22 2.13 0.00	40.31 1.89 0.00	44.80 1.96 0.00	53.23 3.01 0.00	60.16 3.64 0.00	67.84 3.91 0.00	86.34 3.70 -2.27	60.24 3.20 -2.09	57.93 3.13 0.00	48.30 2.60 0.00	42.35 2.25 0.00	47.46 2.68 0.00	57.83 3.73 0.00	69.83 4.58 0.00	84.33 4.80 -6.90	128.32 6.53 -16.55	131.16 5.81 -24.85	124.35 6.24 -0.01
CALPINE BETH_PAGE_GT4 24209	71.12 3.55 0.00	46.65 2.23 0.00	40.89 1.79 0.00	40.04 1.63 0.00	44.51 1.67 0.00	52.69 2.47 0.00	59.33 2.81 0.00	66.95 3.02 0.00	85.93 2.82 -2.75	60.05 2.56 -2.53	57.39 2.60 0.00	47.86 2.17 0.00	42.01 1.91 0.00	47.03 2.25 0.00	57.17 3.07 0.00	68.80 3.54 0.00	83.81 3.84 -7.33	120.85 5.46 -10.15	132.72 5.35 -26.87	124.36 6.24 -0.01
CALPINE_BETH_PAGE_GT_4 323586	71.11 3.53 0.00	46.65 2.23 0.00	40.89 1.80 0.00	40.04 1.63 0.00	44.50 1.66 0.00	52.69 2.46 0.00	59.33 2.80 0.00	66.96 3.02 0.00	85.96 2.84 -2.75	60.05 2.57 -2.53	57.39 2.60 0.00	47.86 2.17 0.00	42.02 1.92 0.00	47.03 2.24 0.00	57.17 3.07 0.00	68.79 3.54 0.00	83.81 3.84 -7.33	120.83 5.45 -10.15	132.73 5.35 -26.87	124.36 6.24 -0.01
CALPINE_BP_GT1 23823	71.11 3.53 0.00	46.65 2.23 0.00	40.89 1.80 0.00	40.04 1.63 0.00	44.50 1.66 0.00	52.69 2.46 0.00	59.33 2.80 0.00	66.96 3.02 0.00	85.96 2.84 -2.75	60.05 2.57 -2.53	57.39 2.60 0.00	47.86 2.17 0.00	42.02 1.92 0.00	47.03 2.24 0.00	57.17 3.07 0.00	68.79 3.54 0.00	83.81 3.84 -7.33	120.83 5.45 -10.15	132.73 5.35 -26.87	124.36 6.24 -0.01
CALSPAN___DRP 24200	64.38 -3.20 0.00	42.22 -2.20 0.00	37.12 -1.98 0.00	36.56 -1.86 0.00	41.13 -1.71 0.00	47.37 -2.85 0.00	52.39 -4.13 0.00	58.68 -5.26 0.00	74.13 -6.25 0.00	51.20 -3.75 0.00	51.28 -3.51 0.00	42.80 -2.90 0.00	37.52 -2.57 0.00	42.13 -2.66 0.00	50.51 -3.59 0.00	60.70 -4.55 0.00	66.77 -5.87 0.00	97.83 -7.40 0.00	92.81 -7.70 0.00	109.69 -8.42 0.00

CALVERTON___SOLAR 323806	72.04 4.46 0.00	47.19 2.78 0.00	41.41 2.32 0.00	40.49 2.07 0.00	45.00 2.16 0.00	53.49 3.27 0.00	60.48 3.96 0.00	68.20 4.26 0.00	86.72 4.08 -2.27	60.43 3.39 -2.09	58.11 3.31 0.00	48.44 2.75 0.00	42.49 2.39 0.00	47.65 2.87 0.00	58.14 4.03 0.00	70.30 5.05 0.00	84.88 5.35 -6.89	128.92 7.25 -16.43	131.68 6.37 -24.82	124.82 6.70 -0.01
CANDIGU_WT_PWR 323617	65.96 -3.55 -1.93	43.12 -2.44 -1.13	38.31 -2.04 -1.25	37.77 -1.93 -1.28	42.03 -1.93 -1.12	47.89 -2.82 -0.49	53.65 -3.40 -0.53	59.29 -4.65 0.00	74.48 -5.89 0.00	50.55 -4.40 0.00	50.20 -4.59 0.00	41.85 -3.84 0.00	36.41 -3.69 0.00	41.52 -3.27 0.00	49.74 -4.36 0.00	60.51 -4.74 0.00	67.06 -5.58 0.00	97.66 -7.58 0.00	93.41 -7.10 0.00	111.08 -7.03 0.00
CARR STREET_E_SYR 24060	65.68 -1.90 0.00	43.13 -1.29 0.00	38.00 -1.10 0.00	37.38 -1.03 0.00	41.70 -1.14 0.00	48.85 -1.37 0.00	55.02 -1.50 0.00	62.21 -1.73 0.00	78.20 -2.17 0.00	53.43 -1.52 0.00	53.18 -1.61 0.00	44.32 -1.37 0.00	38.86 -1.24 0.00	43.39 -1.39 0.00	52.41 -1.69 0.00	63.40 -1.85 0.00	70.61 -2.03 0.00	102.50 -2.74 0.00	97.70 -2.80 0.00	114.92 -3.19 0.00
CARTHAGE___PAPER 23857	68.08 0.50 0.00	44.98 0.57 0.00	40.07 0.98 0.00	39.58 1.16 0.00	44.21 1.37 0.00	51.86 1.63 0.00	58.67 2.15 0.00	66.65 2.71 0.00	83.79 3.42 0.00	57.21 2.26 0.00	56.97 2.18 0.00	47.49 1.80 0.00	40.81 0.71 0.00	45.09 0.31 0.00	54.41 0.31 0.00	65.98 0.73 0.00	74.46 1.82 0.00	107.50 2.27 0.00	101.95 1.45 0.00	119.42 1.31 0.00
CASSADAGA_WT_PWR 323784	62.14 -1.26 4.18	40.79 -1.17 2.47	34.54 -1.83 2.72	34.08 -1.56 2.78	39.59 -0.82 2.43	46.92 -2.24 1.07	52.05 -3.30 1.16	59.12 -4.81 0.00	74.32 -6.05 0.00	50.91 -4.04 0.00	50.86 -3.94 0.00	42.46 -3.24 0.00	38.06 -2.03 0.00	42.82 -1.97 0.00	51.07 -3.04 0.00	62.31 -2.94 0.00	67.51 -5.13 0.00	99.50 -5.73 0.00	94.11 -6.39 0.00	111.34 -6.77 0.00
CE_DUNWOOD___DRP 24194	70.22 2.65 0.00	46.25 1.83 0.00	40.59 1.50 0.00	39.86 1.44 0.00	44.32 1.48 0.00	52.22 1.99 0.00	59.06 2.54 0.00	66.76 2.81 0.00	83.69 3.32 0.00	57.31 2.36 0.00	57.15 2.36 0.00	47.71 2.01 0.00	42.02 1.92 0.00	46.91 2.12 0.00	56.66 2.56 0.00	68.18 2.93 0.00	75.96 3.32 0.00	110.22 4.99 0.00	105.34 4.84 0.00	123.78 5.67 0.00
CE_MILLWOOD___DRP 24193	70.09 2.52 0.00	46.16 1.74 0.00	40.52 1.43 0.00	39.79 1.37 0.00	44.24 1.40 0.00	52.11 1.89 0.00	58.93 2.41 0.00	66.61 2.67 0.00	83.49 3.12 0.00	57.16 2.21 0.00	57.01 2.22 0.00	47.58 1.88 0.00	41.90 1.81 0.00	46.78 1.99 0.00	56.52 2.41 0.00	67.99 2.74 0.00	75.77 3.13 0.00	109.97 4.73 0.00	105.10 4.60 0.00	123.53 5.42 0.00
CE_NYC2_DRP 24202	70.68 3.10 0.00	46.71 2.29 0.00	40.96 1.87 0.00	40.25 1.83 0.00	44.66 1.82 0.00	52.68 2.46 0.00	59.46 2.94 0.00	67.20 3.26 0.00	84.44 4.07 0.00	57.86 2.91 0.00	57.87 3.07 0.00	48.29 2.60 0.00	42.57 2.48 0.00	47.39 2.60 0.00	57.18 3.08 0.00	68.61 3.36 0.00	76.27 3.63 0.00	110.78 5.54 0.00	105.77 5.27 0.00	124.24 6.13 0.00
CE_NYC_DRP 24195	70.55 2.98 0.00	46.52 2.10 0.00	40.82 1.72 0.00	40.07 1.65 0.00	44.55 1.71 0.00	52.51 2.30 0.00	59.39 2.87 0.00	67.17 3.23 0.00	84.30 3.93 0.00	57.77 2.82 0.00	57.65 2.86 0.00	48.14 2.45 0.00	42.43 2.33 0.00	47.34 2.55 0.00	57.16 3.05 0.00	68.68 3.43 0.00	76.44 3.81 0.00	111.04 5.80 0.00	106.06 5.56 0.00	124.60 6.49 0.00
CHAFFEE___LFGE 323603	61.11 -2.64 3.82	40.34 -1.82 2.25	34.96 -1.65 2.49	34.35 -1.53 2.54	39.26 -1.35 2.23	46.83 -2.41 0.98	51.88 -3.57 1.06	59.39 -4.55 0.00	74.98 -5.39 0.00	51.76 -3.19 0.00	51.79 -3.01 0.00	43.19 -2.50 0.00	37.85 -2.25 0.00	42.50 -2.29 0.00	50.95 -3.15 0.00	61.26 -3.99 0.00	67.43 -5.20 0.00	98.93 -6.31 0.00	93.82 -6.68 0.00	110.98 -7.12 0.00
CHATEAUG_35_KV_LOAD 355732	68.42 0.84 0.00	44.98 0.56 0.00	39.60 0.51 0.00	39.07 0.65 0.00	43.65 0.81 0.00	51.04 0.82 0.00	57.19 0.66 0.00	65.30 1.36 0.00	82.26 1.89 0.00	56.63 1.68 0.00	56.82 2.02 0.00	47.30 1.60 0.00	41.45 1.35 0.00	46.41 1.62 0.00	56.07 1.97 0.00	67.33 2.08 0.00	74.50 1.86 0.00	107.66 2.43 0.00	102.83 2.33 0.00	120.82 2.71 0.00
CHATEAUG_WT_PWR 323614	68.20 0.62 0.00	44.85 0.43 0.00	39.50 0.41 0.00	38.95 0.53 0.00	43.53 0.69 0.00	50.90 0.67 0.00	57.04 0.52 0.00	65.04 1.10 0.00	81.94 1.57 0.00	56.35 1.40 0.00	56.52 1.73 0.00	47.10 1.41 0.00	41.32 1.23 0.00	46.24 1.45 0.00	55.82 1.72 0.00	67.04 1.79 0.00	74.18 1.55 0.00	107.21 1.97 0.00	102.33 1.83 0.00	120.34 2.23 0.00
CHAT_HIGH_FALL_HYD 323578	68.42 0.84 0.00	44.98 0.56 0.00	39.60 0.51 0.00	39.07 0.65 0.00	43.65 0.81 0.00	51.04 0.82 0.00	57.19 0.66 0.00	65.30 1.36 0.00	82.26 1.89 0.00	56.63 1.68 0.00	56.82 2.02 0.00	47.30 1.60 0.00	41.45 1.35 0.00	46.41 1.62 0.00	56.07 1.97 0.00	67.33 2.08 0.00	74.50 1.86 0.00	107.66 2.43 0.00	102.83 2.33 0.00	120.82 2.71 0.00
CHAUTAUQUA___LFGE 323629	61.31 -2.21 4.06	40.28 -1.74 2.40	34.44 -2.01 2.65	33.95 -1.77 2.70	39.13 -1.34 2.37	46.52 -2.66 1.04	51.83 -3.56 1.13	59.18 -4.76 0.00	74.31 -6.06 0.00	50.97 -3.98 0.00	50.90 -3.90 0.00	42.46 -3.23 0.00	37.67 -2.43 0.00	42.44 -2.35 0.00	50.67 -3.43 0.00	61.54 -3.71 0.00	66.99 -5.65 0.00	98.51 -6.72 0.00	93.47 -7.03 0.00	110.62 -7.49 0.00
CHERRYST_13_KV_LD 356241	70.75 3.18 0.00	46.64 2.22 0.00	40.92 1.83 0.00	40.18 1.76 0.00	44.67 1.83 0.00	52.67 2.45 0.00	59.57 3.05 0.00	67.39 3.45 0.00	84.58 4.21 0.00	57.99 3.04 0.00	57.86 3.06 0.00	48.32 2.63 0.00	42.59 2.49 0.00	47.51 2.73 0.00	57.35 3.25 0.00	68.91 3.66 0.00	76.71 4.08 0.00	111.39 6.16 0.00	106.41 5.91 0.00	124.96 6.85 0.00

CHESTROR_138KV_BK263 355645	69.57 1.99 0.00	45.80 1.38 0.00	40.22 1.13 0.00	39.50 1.08 0.00	43.94 1.11 0.00	51.72 1.50 0.00	58.46 1.94 0.00	66.10 2.15 0.00	82.86 2.49 0.00	56.63 1.68 0.00	56.41 1.61 0.00	47.05 1.36 0.00	41.41 1.32 0.00	46.25 1.46 0.00	55.92 1.82 0.00	67.33 2.09 0.00	75.13 2.49 0.00	109.03 3.80 0.00	104.20 3.70 0.00	122.48 4.37 0.00
CH_MIDHUDSON___DRP 24192	70.29 2.71 0.00	46.25 1.83 0.00	40.60 1.51 0.00	39.88 1.46 0.00	44.37 1.53 0.00	52.24 2.02 0.00	59.04 2.52 0.00	66.73 2.79 0.00	83.68 3.31 0.00	57.22 2.27 0.00	57.01 2.21 0.00	47.58 1.89 0.00	41.90 1.80 0.00	46.82 2.03 0.00	56.58 2.48 0.00	68.17 2.92 0.00	76.02 3.38 0.00	110.25 5.01 0.00	105.40 4.90 0.00	123.90 5.79 0.00
CH_MISC_IPPS 23765	70.64 3.06 0.00	46.48 2.06 0.00	40.81 1.72 0.00	40.08 1.66 0.00	44.59 1.76 0.00	52.52 2.30 0.00	59.40 2.88 0.00	67.16 3.23 0.00	84.20 3.83 0.00	57.53 2.59 0.00	57.30 2.51 0.00	47.80 2.11 0.00	42.09 1.99 0.00	47.03 2.24 0.00	56.84 2.75 0.00	68.54 3.29 0.00	76.44 3.80 0.00	110.96 5.72 0.00	106.07 5.57 0.00	124.60 6.49 0.00
CH_RES_BVR_FALLS 23983	67.53 -0.04 0.00	44.38 -0.03 0.00	39.09 -0.01 0.00	38.42 0.00 0.00	42.84 0.00 0.00	50.22 0.00 0.00	56.49 -0.03 0.00	63.94 0.00 0.00	80.38 0.00 0.00	55.01 0.06 0.00	54.85 0.05 0.00	45.74 0.04 0.00	40.13 0.03 0.00	44.83 0.04 0.00	54.15 0.05 0.00	65.26 0.02 0.00	72.64 0.00 0.00	105.24 0.00 0.00	100.50 0.00 0.00	118.11 0.00 0.00
CH_RES_NIAGARA 23895	61.89 -5.69 0.00	40.53 -3.89 0.00	35.68 -3.41 0.00	35.12 -3.30 0.00	39.50 -3.34 0.00	45.40 -4.82 0.00	49.93 -6.60 0.00	55.66 -8.28 0.00	70.30 -10.07 0.00	48.74 -6.22 0.00	48.91 -5.89 0.00	40.82 -4.88 0.00	35.87 -4.23 0.00	40.20 -4.59 0.00	48.16 -5.94 0.00	57.66 -7.59 0.00	63.54 -9.09 0.00	93.04 -12.20 0.00	88.01 -12.49 0.00	103.92 -14.19 0.00
CH_RES_SYRACUSE 23985	66.28 -1.30 0.00	43.51 -0.91 0.00	38.33 -0.76 0.00	37.73 -0.69 0.00	42.11 -0.73 0.00	49.32 -0.91 0.00	55.54 -0.98 0.00	62.83 -1.11 0.00	78.90 -1.47 0.00	53.90 -1.05 0.00	53.64 -1.15 0.00	44.67 -1.02 0.00	39.17 -0.93 0.00	43.76 -1.02 0.00	52.87 -1.23 0.00	63.97 -1.28 0.00	71.25 -1.39 0.00	103.44 -1.79 0.00	98.57 -1.93 0.00	115.86 -2.25 0.00
CLINTON_WT_PWR 323605	68.20 0.62 0.00	44.85 0.43 0.00	39.50 0.41 0.00	38.95 0.53 0.00	43.53 0.69 0.00	50.90 0.67 0.00	57.04 0.52 0.00	65.04 1.10 0.00	81.94 1.57 0.00	56.35 1.40 0.00	56.52 1.73 0.00	47.10 1.41 0.00	41.32 1.23 0.00	46.24 1.45 0.00	55.82 1.72 0.00	67.04 1.79 0.00	74.18 1.55 0.00	107.21 1.97 0.00	102.33 1.83 0.00	120.34 2.23 0.00
CLINTON___LFGE 323618	69.39 1.81 0.00	45.65 1.23 0.00	40.17 1.08 0.00	39.64 1.23 0.00	44.30 1.46 0.00	51.88 1.66 0.00	58.25 1.73 0.00	66.44 2.50 0.00	83.66 3.29 0.00	57.46 2.51 0.00	57.65 2.86 0.00	48.03 2.34 0.00	42.18 2.08 0.00	47.22 2.43 0.00	57.01 2.91 0.00	68.47 3.22 0.00	75.84 3.20 0.00	109.78 4.55 0.00	104.62 4.12 0.00	122.92 4.82 0.00
COBBLENY_34_KV_TB1 80064	64.94 -2.64 0.00	42.59 -1.83 0.00	37.44 -1.66 0.00	36.88 -1.53 0.00	41.47 -1.36 0.00	47.79 -2.43 0.00	52.94 -3.58 0.00	59.39 -4.55 0.00	75.01 -5.36 0.00	51.77 -3.18 0.00	51.77 -3.02 0.00	43.19 -2.50 0.00	37.86 -2.24 0.00	42.50 -2.28 0.00	50.95 -3.15 0.00	61.24 -4.01 0.00	67.44 -5.20 0.00	98.93 -6.31 0.00	93.83 -6.67 0.00	110.98 -7.13 0.00
COFFEEN___115KV_TB3 355620	67.34 -0.23 0.00	44.58 0.16 0.00	39.73 0.64 0.00	39.25 0.83 0.00	43.87 1.03 0.00	51.51 1.29 0.00	58.33 1.80 0.00	66.27 2.33 0.00	83.31 2.93 0.00	56.84 1.89 0.00	56.55 1.76 0.00	47.12 1.43 0.00	40.40 0.30 0.00	44.55 -0.23 0.00	53.83 -0.28 0.00	65.42 0.17 0.00	73.97 1.33 0.00	106.89 1.66 0.00	101.23 0.73 0.00	118.59 0.48 0.00
COLDSPRG_115KV_BK1 355956	67.42 -0.16 0.00	44.12 -0.30 0.00	38.41 -0.68 0.00	37.94 -0.48 0.00	42.83 -0.01 0.00	49.18 -1.04 0.00	54.92 -1.60 0.00	61.53 -2.40 0.00	77.46 -2.91 0.00	53.26 -1.69 0.00	53.15 -1.64 0.00	44.28 -1.41 0.00	39.12 -0.97 0.00	44.02 -0.77 0.00	52.67 -1.44 0.00	63.83 -1.42 0.00	69.62 -3.02 0.00	102.22 -3.01 0.00	96.98 -3.53 0.00	114.64 -3.47 0.00
COLONIE_LFGE___ 323577	69.68 2.10 0.00	45.73 1.31 0.00	40.17 1.07 0.00	39.41 1.00 0.00	43.87 1.03 0.00	51.63 1.41 0.00	58.29 1.77 0.00	65.78 1.85 0.00	82.59 2.22 0.00	56.15 1.20 0.00	55.79 1.00 0.00	46.64 0.95 0.00	41.00 0.90 0.00	45.85 1.06 0.00	55.53 1.43 0.00	67.16 1.91 0.00	75.07 2.43 0.00	108.59 3.35 0.00	103.95 3.45 0.00	122.24 4.13 0.00
COOPERNY_115KV_TB1 80082	68.89 1.31 0.00	45.34 0.92 0.00	39.86 0.77 0.00	39.16 0.74 0.00	43.58 0.74 0.00	51.22 1.00 0.00	57.84 1.32 0.00	65.39 1.46 0.00	82.05 1.68 0.00	56.16 1.21 0.00	56.02 1.22 0.00	46.72 1.03 0.00	41.11 1.01 0.00	45.90 1.11 0.00	55.40 1.29 0.00	66.63 1.38 0.00	74.29 1.65 0.00	107.77 2.53 0.00	102.99 2.49 0.00	121.05 2.94 0.00
COPENHAGEN_WT_PWR 323753	66.57 -1.01 0.00	44.19 -0.22 0.00	39.47 0.38 0.00	39.02 0.60 0.00	43.59 0.75 0.00	51.18 0.96 0.00	57.89 1.37 0.00	65.73 1.80 0.00	82.65 2.28 0.00	56.37 1.42 0.00	56.08 1.28 0.00	46.71 1.02 0.00	39.96 -0.14 0.00	44.03 -0.75 0.00	53.09 -1.01 0.00	64.57 -0.69 0.00	73.18 0.54 0.00	105.54 0.30 0.00	99.79 -0.71 0.00	116.82 -1.29 0.00
CORNELL_____ 23752	67.75 0.17 0.00	44.47 0.05 0.00	39.19 0.10 0.00	38.59 0.17 0.00	43.15 0.31 0.00	50.54 0.32 0.00	57.09 0.56 0.00	64.73 0.79 0.00	81.31 0.94 0.00	55.19 0.24 0.00	54.51 -0.29 0.00	45.33 -0.37 0.00	39.70 -0.40 0.00	44.39 -0.39 0.00	53.85 -0.26 0.00	65.44 0.19 0.00	73.01 0.37 0.00	106.18 0.95 0.00	101.13 0.63 0.00	118.93 0.82 0.00

CORONA__KV_TB1 355595	71.32 3.74 0.00	46.84 2.42 0.00	41.06 1.97 0.00	40.24 1.83 0.00	44.76 1.92 0.00	52.91 2.69 0.00	59.82 3.30 0.00	67.48 3.54 0.00	88.68 3.65 -4.66	62.33 3.09 -4.29	57.97 3.17 0.00	48.36 2.66 0.00	42.49 2.39 0.00	47.53 2.74 0.00	57.61 3.51 0.00	69.31 4.05 0.00	89.48 4.42 -12.42	128.84 6.42 -17.19	152.28 6.25 -45.52	125.45 7.31 -0.02
CORTLAND_115KV_TB3 80093	67.29 -0.28 0.00	44.18 -0.24 0.00	38.94 -0.16 0.00	38.34 -0.08 0.00	42.80 -0.04 0.00	50.16 -0.07 0.00	56.62 0.10 0.00	64.12 0.18 0.00	80.56 0.19 0.00	54.89 -0.06 0.00	54.40 -0.40 0.00	45.26 -0.43 0.00	39.62 -0.47 0.00	44.28 -0.51 0.00	53.63 -0.47 0.00	65.02 -0.23 0.00	72.45 -0.19 0.00	105.24 0.00 0.00	100.32 -0.18 0.00	117.98 -0.13 0.00
COXSACKIE__GT 23611	72.58 5.00 0.00	47.67 3.25 0.00	41.86 2.76 0.00	41.11 2.70 0.00	45.77 2.93 0.00	53.68 3.46 0.00	60.57 4.06 0.00	68.80 4.86 0.00	86.42 6.04 0.00	58.17 3.22 0.00	57.22 2.42 0.00	47.25 1.56 0.00	41.41 1.32 0.00	46.37 1.58 0.00	56.28 2.18 0.00	68.72 3.47 0.00	77.78 5.14 0.00	113.04 7.80 0.00	108.03 7.53 0.00	126.75 8.64 0.00
CPV_VALLEY__CC1 323721	69.03 1.45 0.00	45.45 1.03 0.00	39.92 0.83 0.00	39.21 0.79 0.00	43.60 0.77 0.00	51.31 1.09 0.00	57.98 1.46 0.00	65.54 1.60 0.00	82.19 1.82 0.00	56.21 1.26 0.00	56.00 1.21 0.00	46.74 1.04 0.00	41.15 1.05 0.00	45.92 1.13 0.00	55.48 1.38 0.00	66.80 1.56 0.00	74.49 1.85 0.00	108.07 2.84 0.00	103.29 2.79 0.00	121.41 3.30 0.00
CPV_VALLEY__CC2 323722	69.03 1.45 0.00	45.45 1.03 0.00	39.92 0.83 0.00	39.21 0.79 0.00	43.60 0.77 0.00	51.31 1.09 0.00	57.98 1.46 0.00	65.54 1.60 0.00	82.19 1.82 0.00	56.21 1.26 0.00	56.00 1.21 0.00	46.74 1.04 0.00	41.15 1.05 0.00	45.92 1.13 0.00	55.48 1.38 0.00	66.80 1.56 0.00	74.49 1.85 0.00	108.07 2.84 0.00	103.29 2.79 0.00	121.41 3.30 0.00
CRESCENT__HYD 24018	69.68 2.10 0.00	45.73 1.31 0.00	40.17 1.07 0.00	39.41 1.00 0.00	43.87 1.03 0.00	51.63 1.41 0.00	58.29 1.77 0.00	65.78 1.85 0.00	82.59 2.22 0.00	56.15 1.20 0.00	55.79 1.00 0.00	46.64 0.95 0.00	41.00 0.90 0.00	45.85 1.06 0.00	55.53 1.43 0.00	67.16 1.91 0.00	75.07 2.43 0.00	108.59 3.35 0.00	103.95 3.45 0.00	122.24 4.13 0.00
CRICKET__VALLEY_CC1 323756	69.48 1.90 0.00	45.74 1.32 0.00	40.13 1.03 0.00	39.45 1.03 0.00	43.86 1.02 0.00	51.63 1.41 0.00	58.27 1.74 0.00	65.77 1.83 0.00	82.47 2.10 0.00	56.51 1.56 0.00	56.32 1.52 0.00	47.06 1.37 0.00	41.48 1.39 0.00	46.37 1.58 0.00	55.96 1.86 0.00	67.38 2.13 0.00	75.22 2.58 0.00	108.93 3.70 0.00	104.11 3.61 0.00	122.36 4.25 0.00
CRICKET__VALLEY_CC2 323757	69.48 1.90 0.00	45.74 1.32 0.00	40.13 1.03 0.00	39.45 1.03 0.00	43.86 1.02 0.00	51.63 1.41 0.00	58.27 1.74 0.00	65.77 1.83 0.00	82.47 2.10 0.00	56.51 1.56 0.00	56.32 1.52 0.00	47.06 1.37 0.00	41.48 1.39 0.00	46.37 1.58 0.00	55.96 1.86 0.00	67.38 2.13 0.00	75.22 2.58 0.00	108.93 3.70 0.00	104.11 3.61 0.00	122.36 4.25 0.00
CRICKET__VALLEY_CC3 323758	69.48 1.90 0.00	45.74 1.32 0.00	40.13 1.03 0.00	39.45 1.03 0.00	43.86 1.02 0.00	51.63 1.41 0.00	58.27 1.74 0.00	65.77 1.83 0.00	82.47 2.10 0.00	56.51 1.56 0.00	56.32 1.52 0.00	47.06 1.37 0.00	41.48 1.39 0.00	46.37 1.58 0.00	55.96 1.86 0.00	67.38 2.13 0.00	75.22 2.58 0.00	108.93 3.70 0.00	104.11 3.61 0.00	122.36 4.25 0.00
CRUCIBLE_METL_DRP 24180	66.28 -1.30 0.00	43.50 -0.92 0.00	38.33 -0.76 0.00	37.73 -0.69 0.00	42.11 -0.73 0.00	49.32 -0.90 0.00	55.54 -0.98 0.00	62.83 -1.11 0.00	78.91 -1.47 0.00	53.90 -1.05 0.00	53.64 -1.15 0.00	44.67 -1.02 0.00	39.17 -0.93 0.00	43.76 -1.02 0.00	52.87 -1.23 0.00	63.97 -1.28 0.00	71.25 -1.39 0.00	103.44 -1.79 0.00	98.58 -1.92 0.00	115.86 -2.24 0.00
DAHOWA__HYDRO 323763	70.70 3.12 0.00	46.41 1.99 0.00	40.79 1.69 0.00	40.03 1.61 0.00	44.61 1.77 0.00	52.58 2.36 0.00	59.52 3.00 0.00	67.21 3.27 0.00	84.23 3.86 0.00	57.09 2.14 0.00	56.65 1.85 0.00	47.40 1.71 0.00	41.56 1.46 0.00	46.64 1.85 0.00	56.49 2.39 0.00	68.63 3.38 0.00	76.78 4.14 0.00	111.21 5.98 0.00	106.39 5.88 0.00	125.08 6.97 0.00
DANC__LFGE 323619	66.17 -1.41 0.00	43.75 -0.66 0.00	38.87 -0.23 0.00	38.34 -0.09 0.00	42.81 -0.02 0.00	50.22 0.00 0.00	56.69 0.17 0.00	64.24 0.30 0.00	80.77 0.40 0.00	55.13 0.18 0.00	54.88 0.08 0.00	45.77 0.07 0.00	39.49 -0.60 0.00	43.74 -1.05 0.00	52.71 -1.39 0.00	63.97 -1.28 0.00	72.00 -0.64 0.00	104.02 -1.22 0.00	98.61 -1.89 0.00	115.63 -2.48 0.00
DANSKAMMER__1 23586	70.64 3.06 0.00	46.48 2.06 0.00	40.81 1.72 0.00	40.08 1.66 0.00	44.59 1.76 0.00	52.52 2.30 0.00	59.40 2.88 0.00	67.16 3.23 0.00	84.20 3.83 0.00	57.53 2.59 0.00	57.30 2.51 0.00	47.80 2.11 0.00	42.09 1.99 0.00	47.03 2.24 0.00	56.84 2.75 0.00	68.54 3.29 0.00	76.44 3.80 0.00	110.96 5.72 0.00	106.07 5.57 0.00	124.60 6.49 0.00
DANSKAMMER__2 23589	70.64 3.06 0.00	46.48 2.06 0.00	40.81 1.72 0.00	40.08 1.66 0.00	44.59 1.76 0.00	52.52 2.30 0.00	59.40 2.88 0.00	67.16 3.23 0.00	84.20 3.83 0.00	57.53 2.59 0.00	57.30 2.51 0.00	47.80 2.11 0.00	42.09 1.99 0.00	47.03 2.24 0.00	56.84 2.75 0.00	68.54 3.29 0.00	76.44 3.80 0.00	110.96 5.72 0.00	106.07 5.57 0.00	124.60 6.49 0.00
DANSKAMMER__3 23590	70.64 3.06 0.00	46.48 2.06 0.00	40.81 1.72 0.00	40.08 1.66 0.00	44.59 1.76 0.00	52.52 2.30 0.00	59.40 2.88 0.00	67.16 3.23 0.00	84.20 3.83 0.00	57.53 2.59 0.00	57.30 2.51 0.00	47.80 2.11 0.00	42.09 1.99 0.00	47.03 2.24 0.00	56.84 2.75 0.00	68.54 3.29 0.00	76.44 3.80 0.00	110.96 5.72 0.00	106.07 5.57 0.00	124.60 6.49 0.00

DANSKAMMER___4 23591	70.64 3.06 0.00	46.48 2.06 0.00	40.81 1.72 0.00	40.08 1.66 0.00	44.59 1.76 0.00	52.52 2.30 0.00	59.40 2.88 0.00	67.16 3.23 0.00	84.20 3.83 0.00	57.53 2.59 0.00	57.30 2.51 0.00	47.80 2.11 0.00	42.09 1.99 0.00	47.03 2.24 0.00	56.84 2.75 0.00	68.54 3.29 0.00	76.44 3.80 0.00	110.96 5.72 0.00	106.07 5.57 0.00	124.60 6.49 0.00
DANSKAMMER___DIESEL 23592	70.65 3.07 0.00	46.48 2.06 0.00	40.81 1.72 0.00	40.08 1.66 0.00	44.60 1.76 0.00	52.52 2.30 0.00	59.40 2.88 0.00	67.16 3.23 0.00	84.20 3.83 0.00	57.53 2.58 0.00	57.30 2.51 0.00	47.80 2.11 0.00	42.09 1.99 0.00	47.03 2.25 0.00	56.85 2.75 0.00	68.54 3.29 0.00	76.44 3.81 0.00	110.96 5.72 0.00	106.08 5.58 0.00	124.61 6.50 0.00
DARBY___SOLAR 323810	70.42 2.84 0.00	46.22 1.81 0.00	40.63 1.54 0.00	39.88 1.46 0.00	44.43 1.59 0.00	52.34 2.12 0.00	59.22 2.70 0.00	66.89 2.96 0.00	83.85 3.48 0.00	56.83 1.88 0.00	56.40 1.61 0.00	47.16 1.47 0.00	41.36 1.27 0.00	46.40 1.61 0.00	56.23 2.12 0.00	68.32 3.07 0.00	76.42 3.79 0.00	110.65 5.41 0.00	105.87 5.37 0.00	124.48 6.37 0.00
DASHVILLE___HYD 23610	69.99 2.41 0.00	46.06 1.64 0.00	40.43 1.34 0.00	39.71 1.30 0.00	44.20 1.36 0.00	52.07 1.84 0.00	58.88 2.36 0.00	66.56 2.62 0.00	83.44 3.07 0.00	57.06 2.11 0.00	56.84 2.04 0.00	47.39 1.70 0.00	41.73 1.63 0.00	46.62 1.83 0.00	56.33 2.23 0.00	67.91 2.66 0.00	75.72 3.09 0.00	109.88 4.64 0.00	105.00 4.50 0.00	123.43 5.32 0.00
DELAWARE___LFGE 323621	68.72 1.14 0.00	45.20 0.78 0.00	39.76 0.67 0.00	39.10 0.68 0.00	43.59 0.75 0.00	51.18 0.96 0.00	57.79 1.27 0.00	65.36 1.43 0.00	82.23 1.86 0.00	56.16 1.22 0.00	55.85 1.06 0.00	46.54 0.84 0.00	40.83 0.73 0.00	45.60 0.81 0.00	55.19 1.09 0.00	66.72 1.48 0.00	74.25 1.62 0.00	107.56 2.32 0.00	102.71 2.20 0.00	120.71 2.60 0.00
DERFIELD_115KV_TB7 355931	67.65 0.07 0.00	44.46 0.04 0.00	39.13 0.04 0.00	38.46 0.04 0.00	42.88 0.04 0.00	50.31 0.09 0.00	56.70 0.18 0.00	64.13 0.19 0.00	80.58 0.21 0.00	55.01 0.06 0.00	54.80 0.00 0.00	45.69 0.00 0.00	40.08 -0.02 0.00	44.74 -0.04 0.00	54.10 0.00 0.00	65.34 0.09 0.00	72.81 0.17 0.00	105.45 0.21 0.00	100.71 0.21 0.00	118.35 0.24 0.00
DOGLEVILLE___HYD 23807	70.37 2.79 0.00	46.26 1.85 0.00	40.68 1.58 0.00	40.04 1.62 0.00	44.71 1.87 0.00	52.73 2.51 0.00	59.73 3.21 0.00	67.85 3.91 0.00	84.69 4.32 0.00	56.47 1.52 0.00	55.93 1.14 0.00	46.58 0.88 0.00	40.89 0.79 0.00	45.57 0.78 0.00	55.46 1.36 0.00	68.55 3.30 0.00	77.40 4.76 0.00	112.36 7.12 0.00	107.04 6.54 0.00	126.00 7.89 0.00
DUNKIRK___115KV_TB_200 55889	65.24 -2.34 0.00	42.60 -1.82 0.00	37.07 -2.03 0.00	36.62 -1.80 0.00	41.42 -1.41 0.00	47.51 -2.72 0.00	52.94 -3.58 0.00	59.19 -4.75 0.00	74.38 -6.00 0.00	51.01 -3.94 0.00	50.93 -3.87 0.00	42.47 -3.22 0.00	37.64 -2.45 0.00	42.39 -2.40 0.00	50.64 -3.46 0.00	61.45 -3.80 0.00	66.95 -5.68 0.00	98.42 -6.82 0.00	93.43 -7.07 0.00	110.50 -7.61 0.00
DUNKIRK___1 23563	65.24 -2.34 0.00	42.60 -1.82 0.00	37.07 -2.03 0.00	36.62 -1.80 0.00	41.42 -1.41 0.00	47.51 -2.72 0.00	52.94 -3.58 0.00	59.19 -4.75 0.00	74.38 -6.00 0.00	51.01 -3.94 0.00	50.93 -3.87 0.00	42.47 -3.22 0.00	37.64 -2.45 0.00	42.39 -2.40 0.00	50.64 -3.46 0.00	61.45 -3.80 0.00	66.95 -5.68 0.00	98.42 -6.82 0.00	93.43 -7.07 0.00	110.50 -7.61 0.00
DUNKIRK___2 23564	65.24 -2.34 0.00	42.60 -1.82 0.00	37.07 -2.03 0.00	36.62 -1.80 0.00	41.42 -1.41 0.00	47.51 -2.72 0.00	52.94 -3.58 0.00	59.19 -4.75 0.00	74.38 -6.00 0.00	51.01 -3.94 0.00	50.93 -3.87 0.00	42.47 -3.22 0.00	37.64 -2.45 0.00	42.39 -2.40 0.00	50.64 -3.46 0.00	61.45 -3.80 0.00	66.95 -5.68 0.00	98.42 -6.82 0.00	93.43 -7.07 0.00	110.50 -7.61 0.00
DUNKIRK___3 23565	64.90 -2.68 0.00	42.43 -1.99 0.00	37.01 -2.08 0.00	36.55 -1.86 0.00	41.25 -1.59 0.00	47.38 -2.85 0.00	52.76 -3.76 0.00	59.05 -4.88 0.00	74.25 -6.13 0.00	51.01 -3.94 0.00	50.95 -3.84 0.00	42.50 -3.20 0.00	37.56 -2.54 0.00	42.28 -2.51 0.00	50.54 -3.56 0.00	61.18 -4.07 0.00	66.80 -5.84 0.00	98.08 -7.16 0.00	93.10 -7.40 0.00	110.14 -7.96 0.00
DUNKIRK___4 23566	64.90 -2.68 0.00	42.43 -1.99 0.00	37.01 -2.08 0.00	36.55 -1.86 0.00	41.25 -1.59 0.00	47.38 -2.85 0.00	52.76 -3.76 0.00	59.05 -4.88 0.00	74.25 -6.13 0.00	51.01 -3.94 0.00	50.95 -3.84 0.00	42.50 -3.20 0.00	37.56 -2.54 0.00	42.28 -2.51 0.00	50.54 -3.56 0.00	61.18 -4.07 0.00	66.80 -5.84 0.00	98.08 -7.16 0.00	93.10 -7.40 0.00	110.14 -7.96 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	70.40 2.82 0.00	46.38 1.96 0.00	40.71 1.62 0.00	39.96 1.54 0.00	44.43 1.59 0.00	52.36 2.14 0.00	59.19 2.66 0.00	66.90 2.96 0.00	83.87 3.50 0.00	57.44 2.49 0.00	57.31 2.52 0.00	47.85 2.15 0.00	42.15 2.05 0.00	47.05 2.26 0.00	56.83 2.73 0.00	68.35 3.10 0.00	76.12 3.48 0.00	110.50 5.26 0.00	105.60 5.10 0.00	124.02 5.91 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	70.06 2.48 0.00	46.12 1.70 0.00	40.49 1.40 0.00	39.77 1.35 0.00	44.25 1.41 0.00	52.09 1.87 0.00	58.90 2.38 0.00	66.60 2.66 0.00	83.49 3.12 0.00	57.04 2.09 0.00	56.80 2.01 0.00	47.38 1.69 0.00	41.71 1.62 0.00	46.59 1.80 0.00	56.31 2.21 0.00	67.88 2.63 0.00	75.74 3.10 0.00	109.96 4.72 0.00	105.10 4.60 0.00	123.54 5.43 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	70.64 3.07 0.00	46.67 2.26 0.00	40.87 1.78 0.00	40.16 1.74 0.00	44.57 1.74 0.00	52.61 2.39 0.00	59.38 2.86 0.00	67.06 3.12 0.00	84.28 3.91 0.00	57.73 2.78 0.00	57.66 2.87 0.00	48.12 2.43 0.00	42.41 2.31 0.00	47.16 2.37 0.00	56.99 2.89 0.00	68.41 3.16 0.00	76.13 3.49 0.00	110.61 5.37 0.00	105.56 5.06 0.00	124.22 6.11 0.00

E179THST_13_KV_LOAD 356214	70.94 3.36 0.00	46.86 2.44 0.00	41.03 1.94 0.00	40.31 1.89 0.00	44.74 1.91 0.00	52.82 2.60 0.00	59.64 3.12 0.00	67.38 3.45 0.00	84.68 4.31 0.00	58.01 3.06 0.00	57.96 3.17 0.00	48.37 2.68 0.00	42.62 2.52 0.00	47.39 2.60 0.00	57.27 3.17 0.00	68.78 3.53 0.00	76.53 3.89 0.00	111.23 5.99 0.00	106.14 5.64 0.00	124.93 6.82 0.00
EAST HAMPTON___GT 23717	71.36 3.78 0.00	46.71 2.30 0.00	41.11 2.02 0.00	40.09 1.67 0.00	44.62 1.78 0.00	53.12 2.90 0.00	60.17 3.64 0.00	67.86 3.92 0.00	85.26 2.63 -2.27	59.68 2.64 -2.09	57.70 2.91 0.00	48.39 2.70 0.00	42.49 2.40 0.00	48.00 3.21 0.00	58.96 4.86 0.00	71.39 6.14 0.00	86.09 6.57 -6.88	130.25 8.64 -16.37	131.61 6.31 -24.80	124.34 6.23 -0.01
EAST RIVER___6 23660	70.48 2.90 0.00	46.45 2.04 0.00	40.76 1.67 0.00	40.02 1.60 0.00	44.48 1.64 0.00	52.46 2.24 0.00	59.36 2.84 0.00	67.13 3.19 0.00	84.28 3.91 0.00	57.78 2.83 0.00	57.66 2.86 0.00	48.14 2.45 0.00	42.45 2.35 0.00	47.34 2.55 0.00	57.16 3.06 0.00	68.69 3.45 0.00	76.47 3.83 0.00	111.06 5.82 0.00	106.07 5.57 0.00	124.59 6.48 0.00
EAST RIVER___7 23524	70.48 2.90 0.00	46.45 2.04 0.00	40.76 1.67 0.00	40.02 1.60 0.00	44.48 1.64 0.00	52.46 2.24 0.00	59.36 2.84 0.00	67.13 3.19 0.00	84.28 3.91 0.00	57.78 2.83 0.00	57.66 2.86 0.00	48.14 2.45 0.00	42.45 2.35 0.00	47.34 2.55 0.00	57.16 3.06 0.00	68.69 3.45 0.00	76.47 3.83 0.00	111.06 5.82 0.00	106.07 5.57 0.00	124.59 6.48 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	70.22 2.65 0.00	46.25 1.83 0.00	40.59 1.50 0.00	39.86 1.44 0.00	44.32 1.48 0.00	52.22 1.99 0.00	59.06 2.54 0.00	66.76 2.81 0.00	83.69 3.32 0.00	57.31 2.36 0.00	57.15 2.36 0.00	47.71 2.01 0.00	42.02 1.92 0.00	46.91 2.12 0.00	56.66 2.56 0.00	68.18 2.93 0.00	75.96 3.32 0.00	110.22 4.99 0.00	105.34 4.84 0.00	123.78 5.67 0.00
EAST_HAMPTON___DIESEL 23722	71.16 3.59 0.00	46.58 2.16 0.00	41.00 1.91 0.00	39.97 1.56 0.00	44.48 1.65 0.00	52.97 2.75 0.00	60.00 3.48 0.00	67.67 3.74 0.00	85.06 2.42 -2.27	59.53 2.50 -2.09	57.55 2.75 0.00	48.29 2.59 0.00	42.43 2.33 0.00	47.94 3.15 0.00	58.91 4.81 0.00	71.33 6.08 0.00	86.02 6.50 -6.88	130.09 8.48 -16.37	131.51 6.21 -24.80	124.23 6.11 -0.01
EAST_POINT___SOLAR 323840	69.96 2.38 0.00	45.98 1.56 0.00	40.52 1.42 0.00	39.85 1.43 0.00	44.55 1.71 0.00	52.44 2.21 0.00	59.29 2.77 0.00	67.27 3.33 0.00	84.05 3.68 0.00	55.63 0.68 0.00	55.76 0.96 0.00	46.32 0.63 0.00	40.46 0.36 0.00	45.05 0.26 0.00	54.49 0.39 0.00	67.74 2.49 0.00	76.62 3.98 0.00	111.27 6.03 0.00	106.27 5.77 0.00	124.61 6.50 0.00
EAST_PULASKI___ESR 323781	65.86 -1.72 0.00	43.36 -1.05 0.00	38.29 -0.80 0.00	37.70 -0.71 0.00	42.08 -0.76 0.00	49.30 -0.92 0.00	55.56 -0.96 0.00	62.88 -1.06 0.00	79.03 -1.34 0.00	54.01 -0.93 0.00	53.78 -1.02 0.00	44.85 -0.84 0.00	39.07 -1.02 0.00	43.44 -1.35 0.00	52.30 -1.80 0.00	63.31 -1.95 0.00	70.83 -1.81 0.00	102.52 -2.72 0.00	97.48 -3.03 0.00	114.46 -3.65 0.00
EAST_RIVER___1 323558	70.55 2.98 0.00	46.51 2.10 0.00	40.82 1.73 0.00	40.07 1.65 0.00	44.54 1.70 0.00	52.52 2.29 0.00	59.38 2.86 0.00	67.17 3.23 0.00	84.32 3.95 0.00	57.77 2.82 0.00	57.65 2.86 0.00	48.14 2.45 0.00	42.43 2.33 0.00	47.34 2.55 0.00	57.16 3.05 0.00	68.68 3.43 0.00	76.44 3.80 0.00	111.04 5.80 0.00	106.07 5.56 0.00	124.59 6.48 0.00
EAST_RIVER___2 323559	70.48 2.90 0.00	46.45 2.04 0.00	40.76 1.67 0.00	40.02 1.60 0.00	44.48 1.64 0.00	52.46 2.24 0.00	59.36 2.84 0.00	67.13 3.19 0.00	84.28 3.91 0.00	57.78 2.83 0.00	57.66 2.86 0.00	48.14 2.45 0.00	42.45 2.35 0.00	47.34 2.55 0.00	57.16 3.06 0.00	68.69 3.45 0.00	76.47 3.83 0.00	111.06 5.82 0.00	106.07 5.57 0.00	124.59 6.48 0.00
EAST___DELAWARE_HYD 23607	70.42 2.84 0.00	46.34 1.92 0.00	40.72 1.63 0.00	40.00 1.58 0.00	44.54 1.70 0.00	52.43 2.21 0.00	59.32 2.80 0.00	67.11 3.17 0.00	84.11 3.73 0.00	57.37 2.42 0.00	56.99 2.20 0.00	47.40 1.71 0.00	41.70 1.60 0.00	46.60 1.82 0.00	56.38 2.28 0.00	68.16 2.91 0.00	76.18 3.54 0.00	110.71 5.48 0.00	105.87 5.37 0.00	124.37 6.26 0.00
EIGHT_POINT___WT_PWR 323820	64.15 -3.43 0.00	41.97 -2.45 0.00	37.31 -1.78 0.00	36.39 -2.03 0.00	40.86 -1.98 0.00	47.38 -2.84 0.00	53.53 -2.99 0.00	60.19 -3.75 0.00	75.46 -4.91 0.00	50.92 -4.03 0.00	50.37 -4.43 0.00	41.95 -3.75 0.00	36.42 -3.68 0.00	41.32 -3.47 0.00	49.26 -4.84 0.00	60.32 -4.93 0.00	67.24 -5.40 0.00	97.99 -7.25 0.00	93.67 -6.83 0.00	111.55 -6.56 0.00
ELBRIDGE_115KV_TB2 80188	65.93 -1.64 0.00	43.28 -1.14 0.00	38.12 -0.97 0.00	37.49 -0.93 0.00	41.90 -0.94 0.00	49.03 -1.19 0.00	55.15 -1.37 0.00	62.46 -1.48 0.00	78.44 -1.93 0.00	53.57 -1.38 0.00	53.30 -1.49 0.00	44.38 -1.31 0.00	38.93 -1.17 0.00	43.52 -1.27 0.00	52.58 -1.52 0.00	63.62 -1.63 0.00	70.87 -1.77 0.00	102.85 -2.39 0.00	97.95 -2.55 0.00	115.16 -2.95 0.00
ELEC_TRO_TEK 24086	70.95 3.37 0.00	46.59 2.17 0.00	40.85 1.76 0.00	40.03 1.61 0.00	44.50 1.66 0.00	52.64 2.42 0.00	59.48 2.96 0.00	67.11 3.17 0.00	87.42 3.13 -3.92	61.32 2.75 -3.61	57.62 2.82 0.00	48.06 2.37 0.00	42.22 2.12 0.00	47.24 2.45 0.00	57.30 3.19 0.00	68.93 3.68 0.00	87.05 3.96 -10.45	125.39 5.68 -14.47	144.39 5.56 -38.32	124.61 6.49 -0.02
ELLENBURG_WT_PWR 323604	68.20 0.62 0.00	44.85 0.43 0.00	39.50 0.41 0.00	38.95 0.53 0.00	43.53 0.69 0.00	50.90 0.67 0.00	57.04 0.52 0.00	65.04 1.10 0.00	81.94 1.57 0.00	56.35 1.40 0.00	56.52 1.73 0.00	47.10 1.41 0.00	41.32 1.23 0.00	46.24 1.45 0.00	55.82 1.72 0.00	67.04 1.79 0.00	74.18 1.55 0.00	107.21 1.97 0.00	102.33 1.83 0.00	120.34 2.23 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	63.73 -3.85 0.00	41.78 -2.64 0.00	36.74 -2.35 0.00	36.18 -2.24 0.00	40.70 -2.14 0.00	46.86 -3.36 0.00	51.77 -4.75 0.00	58.01 -5.93 0.00	73.27 -7.10 0.00	50.62 -4.33 0.00	50.71 -4.08 0.00	42.33 -3.37 0.00	37.15 -2.95 0.00	41.72 -3.07 0.00	50.00 -4.10 0.00	60.04 -5.21 0.00	66.04 -6.60 0.00	96.74 -8.49 0.00	91.72 -8.79 0.00	108.39 -9.72 0.00
EMPIRE_CC_1 323656	69.24 1.66 0.00	45.47 1.05 0.00	39.72 0.63 0.00	38.94 0.52 0.00	43.30 0.47 0.00	50.92 0.70 0.00	57.39 0.87 0.00	64.60 0.66 0.00	81.10 0.73 0.00	55.23 0.28 0.00	55.05 0.25 0.00	46.15 0.46 0.00	40.64 0.54 0.00	45.42 0.63 0.00	54.83 0.73 0.00	66.13 0.88 0.00	73.85 1.21 0.00	106.58 1.35 0.00	102.19 1.69 0.00	120.25 2.14 0.00
EMPIRE_CC_2 323658	69.24 1.66 0.00	45.47 1.05 0.00	39.72 0.63 0.00	38.94 0.52 0.00	43.30 0.47 0.00	50.92 0.70 0.00	57.39 0.87 0.00	64.60 0.66 0.00	81.10 0.73 0.00	55.23 0.28 0.00	55.05 0.25 0.00	46.15 0.46 0.00	40.64 0.54 0.00	45.42 0.63 0.00	54.83 0.73 0.00	66.13 0.88 0.00	73.85 1.21 0.00	106.58 1.35 0.00	102.19 1.69 0.00	120.25 2.14 0.00
ENORWICH_115KV_TB1 80156	69.12 1.55 0.00	45.34 0.92 0.00	40.12 1.03 0.00	39.87 1.46 0.00	44.75 1.92 0.00	52.87 2.64 0.00	60.14 3.62 0.00	68.65 4.72 0.00	86.72 6.35 0.00	58.55 3.60 0.00	57.36 2.57 0.00	47.54 1.85 0.00	41.25 1.16 0.00	46.10 1.31 0.00	56.14 2.04 0.00	69.10 3.85 0.00	77.20 4.57 0.00	112.08 6.84 0.00	106.20 5.70 0.00	124.72 6.62 0.00
ERIE_ST__34_KV_TB1-2 80199	65.46 -2.12 0.00	42.94 -1.48 0.00	37.75 -1.35 0.00	37.17 -1.25 0.00	41.78 -1.06 0.00	48.15 -2.07 0.00	53.33 -3.19 0.00	59.82 -4.12 0.00	75.55 -4.82 0.00	52.27 -2.68 0.00	52.35 -2.45 0.00	43.66 -2.03 0.00	38.31 -1.78 0.00	42.96 -1.82 0.00	51.56 -2.55 0.00	61.98 -3.27 0.00	68.16 -4.48 0.00	99.89 -5.35 0.00	94.69 -5.81 0.00	112.04 -6.06 0.00
ERIE_WT_PWR 323693	60.98 -3.17 3.42	40.24 -2.17 2.02	34.91 -1.95 2.23	34.32 -1.83 2.27	39.19 -1.65 2.00	46.53 -2.82 0.88	51.46 -4.10 0.95	58.64 -5.30 0.00	74.10 -6.27 0.00	51.20 -3.75 0.00	51.29 -3.51 0.00	42.79 -2.90 0.00	37.49 -2.61 0.00	42.12 -2.66 0.00	50.48 -3.62 0.00	60.68 -4.57 0.00	66.76 -5.88 0.00	97.84 -7.40 0.00	92.79 -7.71 0.00	109.69 -8.41 0.00
ESPRGFLD_115KV_TB1 80157	67.84 0.26 0.00	44.62 0.20 0.00	39.36 0.27 0.00	38.75 0.33 0.00	43.32 0.48 0.00	50.94 0.72 0.00	57.54 1.02 0.00	65.23 1.29 0.00	82.20 1.83 0.00	56.23 1.28 0.00	56.08 1.29 0.00	46.66 0.97 0.00	40.78 0.68 0.00	45.52 0.73 0.00	54.93 0.83 0.00	66.48 1.23 0.00	74.29 1.66 0.00	107.65 2.42 0.00	102.57 2.07 0.00	120.36 2.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	67.64 0.06 0.00	44.40 -0.02 0.00	39.13 0.04 0.00	38.53 0.11 0.00	43.08 0.24 0.00	50.46 0.24 0.00	56.98 0.46 0.00	64.61 0.67 0.00	81.14 0.77 0.00	55.11 0.16 0.00	54.46 -0.34 0.00	45.28 -0.41 0.00	39.66 -0.44 0.00	44.35 -0.44 0.00	53.81 -0.29 0.00	65.36 0.12 0.00	72.91 0.27 0.00	105.99 0.76 0.00	100.96 0.46 0.00	118.80 0.69 0.00
ETNA____115KV_TB2 80207	67.64 0.06 0.00	44.40 -0.02 0.00	39.13 0.04 0.00	38.53 0.11 0.00	43.08 0.24 0.00	50.46 0.24 0.00	56.98 0.46 0.00	64.61 0.67 0.00	81.14 0.77 0.00	55.11 0.16 0.00	54.46 -0.34 0.00	45.28 -0.41 0.00	39.66 -0.44 0.00	44.35 -0.44 0.00	53.81 -0.29 0.00	65.36 0.12 0.00	72.91 0.27 0.00	105.99 0.76 0.00	100.96 0.46 0.00	118.80 0.69 0.00
EUCLID__115KV_TB2 356179	65.49 -2.09 0.00	43.03 -1.39 0.00	37.91 -1.19 0.00	37.28 -1.14 0.00	41.59 -1.25 0.00	48.70 -1.52 0.00	54.82 -1.70 0.00	61.99 -1.95 0.00	77.92 -2.45 0.00	53.27 -1.68 0.00	53.03 -1.76 0.00	44.20 -1.49 0.00	38.76 -1.33 0.00	43.29 -1.50 0.00	52.27 -1.83 0.00	63.21 -2.04 0.00	70.40 -2.24 0.00	102.17 -3.06 0.00	97.40 -3.10 0.00	114.56 -3.55 0.00
E_CANADA_CAP_HY 24051	67.82 0.24 0.00	44.62 0.20 0.00	39.38 0.28 0.00	38.73 0.31 0.00	43.31 0.47 0.00	50.95 0.73 0.00	57.48 0.96 0.00	65.17 1.23 0.00	81.97 1.60 0.00	55.69 0.74 0.00	55.63 0.84 0.00	46.32 0.63 0.00	40.43 0.33 0.00	45.13 0.34 0.00	54.38 0.28 0.00	66.15 0.90 0.00	74.39 1.75 0.00	107.76 2.52 0.00	102.74 2.24 0.00	120.48 2.37 0.00
E_CANADA_MHWK_HY 24050	70.37 2.79 0.00	46.26 1.85 0.00	40.68 1.58 0.00	40.04 1.62 0.00	44.71 1.87 0.00	52.73 2.51 0.00	59.73 3.21 0.00	67.85 3.91 0.00	84.69 4.32 0.00	56.46 1.52 0.00	55.93 1.14 0.00	46.58 0.89 0.00	40.89 0.79 0.00	45.57 0.78 0.00	55.46 1.36 0.00	68.55 3.30 0.00	77.40 4.76 0.00	112.36 7.12 0.00	107.04 6.53 0.00	126.00 7.90 0.00
E_FISHKILL__LBMP 23776	69.85 2.28 0.00	45.99 1.57 0.00	40.38 1.28 0.00	39.65 1.23 0.00	44.10 1.27 0.00	51.93 1.70 0.00	58.68 2.16 0.00	66.29 2.35 0.00	83.13 2.76 0.00	56.90 1.95 0.00	56.72 1.93 0.00	47.36 1.67 0.00	41.71 1.61 0.00	46.58 1.79 0.00	56.27 2.17 0.00	67.73 2.48 0.00	75.49 2.85 0.00	109.46 4.22 0.00	104.60 4.10 0.00	122.95 4.84 0.00
FALCON__SEABRD_CC1 323796	69.05 1.48 0.00	45.43 1.02 0.00	40.00 0.91 0.00	39.49 1.07 0.00	44.12 1.28 0.00	51.68 1.46 0.00	57.94 1.42 0.00	66.08 2.14 0.00	83.22 2.85 0.00	57.20 2.25 0.00	57.37 2.57 0.00	47.79 2.10 0.00	42.03 1.94 0.00	47.04 2.25 0.00	56.79 2.69 0.00	68.21 2.96 0.00	75.50 2.87 0.00	109.21 3.97 0.00	103.98 3.48 0.00	122.22 4.11 0.00
FALCON__SEABRD_CC2 323797	69.05 1.48 0.00	45.43 1.02 0.00	40.00 0.91 0.00	39.49 1.07 0.00	44.12 1.28 0.00	51.68 1.46 0.00	57.94 1.42 0.00	66.08 2.14 0.00	83.22 2.85 0.00	57.20 2.25 0.00	57.37 2.57 0.00	47.79 2.10 0.00	42.03 1.94 0.00	47.04 2.25 0.00	56.79 2.69 0.00	68.21 2.96 0.00	75.50 2.87 0.00	109.21 3.97 0.00	103.98 3.48 0.00	122.22 4.11 0.00

FAR ROCKAWAY___4 23548	71.94 4.36 0.00	47.22 2.81 0.00	41.38 2.29 0.00	40.56 2.14 0.00	45.10 2.27 0.00	53.37 3.15 0.00	60.37 3.85 0.00	68.08 4.14 0.00	88.75 4.32 -4.06	62.29 3.60 -3.74	58.47 3.67 0.00	48.77 3.07 0.00	42.83 2.74 0.00	47.95 3.16 0.00	58.13 4.03 0.00	69.97 4.71 0.00	88.63 5.17 -10.82	127.76 7.54 -14.98	147.49 7.31 -39.67	126.73 8.60 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	70.56 2.99 0.00	46.52 2.10 0.00	40.83 1.74 0.00	40.08 1.67 0.00	44.56 1.72 0.00	52.52 2.30 0.00	59.39 2.87 0.00	67.16 3.23 0.00	84.28 3.91 0.00	57.76 2.81 0.00	57.64 2.84 0.00	48.11 2.42 0.00	42.42 2.33 0.00	47.33 2.54 0.00	57.12 3.02 0.00	68.64 3.39 0.00	76.40 3.76 0.00	110.97 5.74 0.00	106.03 5.53 0.00	124.60 6.49 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	70.64 3.06 0.00	46.57 2.15 0.00	40.87 1.77 0.00	40.11 1.69 0.00	44.59 1.75 0.00	52.57 2.35 0.00	59.45 2.93 0.00	67.23 3.29 0.00	84.34 3.97 0.00	57.80 2.85 0.00	57.68 2.89 0.00	48.15 2.46 0.00	42.45 2.36 0.00	47.36 2.57 0.00	57.17 3.07 0.00	68.71 3.46 0.00	76.47 3.83 0.00	111.08 5.84 0.00	106.12 5.62 0.00	124.71 6.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	70.66 3.08 0.00	46.52 2.10 0.00	40.80 1.71 0.00	40.05 1.63 0.00	44.50 1.67 0.00	52.47 2.25 0.00	59.33 2.81 0.00	67.09 3.15 0.00	84.18 3.81 0.00	57.68 2.73 0.00	57.57 2.77 0.00	48.06 2.36 0.00	42.36 2.26 0.00	47.26 2.47 0.00	57.06 2.95 0.00	68.57 3.32 0.00	76.30 3.66 0.00	110.84 5.60 0.00	105.91 5.41 0.00	124.37 6.26 0.00
FARRAGUT___LBMP 323566	70.50 2.92 0.00	46.48 2.06 0.00	40.79 1.70 0.00	40.05 1.63 0.00	44.50 1.67 0.00	52.47 2.25 0.00	59.33 2.81 0.00	67.09 3.15 0.00	84.18 3.81 0.00	57.68 2.73 0.00	57.57 2.77 0.00	48.06 2.36 0.00	42.36 2.26 0.00	47.26 2.47 0.00	57.06 2.95 0.00	68.57 3.32 0.00	76.30 3.66 0.00	110.84 5.60 0.00	105.91 5.41 0.00	124.37 6.26 0.00
FENNER___WINDPWR 24204	68.12 0.55 0.00	44.74 0.31 0.00	39.49 0.39 0.00	38.92 0.50 0.00	43.47 0.63 0.00	51.05 0.83 0.00	57.74 1.21 0.00	65.40 1.47 0.00	82.21 1.84 0.00	56.05 1.10 0.00	55.69 0.89 0.00	46.17 0.48 0.00	40.22 0.12 0.00	44.89 0.11 0.00	54.34 0.23 0.00	66.07 0.82 0.00	73.72 1.08 0.00	106.95 1.71 0.00	102.01 1.51 0.00	119.77 1.66 0.00
FIBERTEK___ENERGY 23856	66.28 -1.30 0.00	43.50 -0.92 0.00	38.33 -0.76 0.00	37.73 -0.69 0.00	42.11 -0.73 0.00	49.32 -0.90 0.00	55.54 -0.98 0.00	62.83 -1.11 0.00	78.91 -1.47 0.00	53.90 -1.05 0.00	53.64 -1.15 0.00	44.67 -1.02 0.00	39.17 -0.93 0.00	43.76 -1.02 0.00	52.87 -1.23 0.00	63.97 -1.28 0.00	71.25 -1.39 0.00	103.44 -1.79 0.00	98.58 -1.92 0.00	115.86 -2.24 0.00
FITZPATRICK___ 23598	64.65 -2.92 0.00	42.49 -1.93 0.00	37.44 -1.66 0.00	36.81 -1.61 0.00	41.05 -1.78 0.00	48.07 -2.15 0.00	54.09 -2.43 0.00	61.16 -2.77 0.00	76.89 -3.48 0.00	52.57 -2.39 0.00	52.36 -2.43 0.00	43.66 -2.04 0.00	38.30 -1.80 0.00	42.77 -2.01 0.00	51.63 -2.47 0.00	62.37 -2.88 0.00	69.45 -3.19 0.00	100.73 -4.50 0.00	96.08 -4.42 0.00	112.91 -5.19 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	70.80 3.22 0.00	46.59 2.17 0.00	40.90 1.80 0.00	40.17 1.75 0.00	44.69 1.86 0.00	52.65 2.43 0.00	59.53 3.01 0.00	67.31 3.38 0.00	84.40 4.03 0.00	57.68 2.73 0.00	57.44 2.65 0.00	47.93 2.24 0.00	42.20 2.10 0.00	47.17 2.38 0.00	57.01 2.91 0.00	68.73 3.48 0.00	76.66 4.02 0.00	111.27 6.03 0.00	106.34 5.84 0.00	124.96 6.85 0.00
FORT ORANGE___ 23900	69.74 2.17 0.00	45.82 1.41 0.00	40.23 1.13 0.00	39.46 1.04 0.00	43.83 0.99 0.00	51.26 1.04 0.00	57.53 1.01 0.00	65.01 1.07 0.00	81.64 1.27 0.00	55.50 0.54 0.00	55.10 0.30 0.00	45.96 0.27 0.00	40.34 0.24 0.00	45.10 0.32 0.00	54.50 0.40 0.00	65.76 0.51 0.00	73.49 0.85 0.00	106.34 1.10 0.00	101.79 1.29 0.00	119.64 1.53 0.00
FORT_DRUM_COGEN 23780	67.26 -0.31 0.00	44.51 0.09 0.00	39.71 0.62 0.00	39.24 0.82 0.00	43.84 1.00 0.00	51.47 1.25 0.00	58.25 1.73 0.00	66.17 2.23 0.00	83.21 2.83 0.00	56.77 1.82 0.00	56.48 1.69 0.00	47.06 1.37 0.00	40.35 0.26 0.00	44.51 -0.28 0.00	53.68 -0.42 0.00	65.28 0.03 0.00	73.81 1.17 0.00	106.58 1.35 0.00	100.97 0.47 0.00	118.24 0.13 0.00
FOX_HILLS___ESR 323835	70.81 3.24 0.00	46.83 2.41 0.00	41.03 1.94 0.00	40.30 1.88 0.00	44.72 1.88 0.00	52.80 2.58 0.00	59.45 2.93 0.00	66.98 3.04 0.00	84.29 3.92 0.00	57.76 2.81 0.00	57.64 2.85 0.00	48.07 2.38 0.00	42.36 2.26 0.00	47.21 2.42 0.00	56.99 2.89 0.00	68.24 2.99 0.00	75.94 3.30 0.00	110.49 5.25 0.00	105.52 5.01 0.00	124.11 6.00 0.00
FPL_FAR_ROCK_GT1 24212	71.93 4.35 0.00	47.23 2.81 0.00	41.39 2.29 0.00	40.56 2.14 0.00	45.10 2.26 0.00	53.37 3.15 0.00	60.37 3.85 0.00	68.08 4.14 0.00	88.77 4.34 -4.06	62.29 3.60 -3.74	58.47 3.67 0.00	48.77 3.07 0.00	42.84 2.74 0.00	47.94 3.15 0.00	58.13 4.03 0.00	69.97 4.71 0.00	88.63 5.17 -10.82	127.75 7.53 -14.98	147.50 7.32 -39.67	126.73 8.60 -0.02
FPL_FAR_ROCK_GT2 23815	71.93 4.35 0.00	47.23 2.81 0.00	41.39 2.29 0.00	40.56 2.14 0.00	45.10 2.26 0.00	53.37 3.15 0.00	60.37 3.85 0.00	68.08 4.14 0.00	88.77 4.34 -4.06	62.29 3.60 -3.74	58.47 3.67 0.00	48.77 3.07 0.00	42.84 2.74 0.00	47.94 3.15 0.00	58.13 4.03 0.00	69.97 4.71 0.00	88.63 5.17 -10.82	127.75 7.53 -14.98	147.50 7.32 -39.67	126.73 8.60 -0.02
FRANKLIN_FALL_HYD 24054	69.70 2.12 0.00	45.87 1.45 0.00	40.38 1.28 0.00	39.81 1.39 0.00	44.48 1.65 0.00	52.03 1.81 0.00	58.31 1.78 0.00	66.70 2.76 0.00	84.04 3.67 0.00	57.91 2.96 0.00	58.10 3.30 0.00	48.34 2.64 0.00	42.29 2.19 0.00	47.31 2.53 0.00	57.10 3.00 0.00	68.42 3.17 0.00	75.71 3.07 0.00	109.43 4.19 0.00	104.50 4.00 0.00	122.59 4.48 0.00

FREEPORT_EQUS_GT1 23764	71.45 3.87 0.00	46.88 2.46 0.00	41.09 1.99 0.00	40.23 1.82 0.00	44.73 1.89 0.00	52.96 2.74 0.00	59.80 3.28 0.00	67.49 3.56 0.00	86.56 3.23 -2.96	60.65 2.97 -2.72	57.87 3.08 0.00	48.25 2.56 0.00	42.37 2.27 0.00	47.43 2.64 0.00	57.62 3.52 0.00	69.31 4.06 0.00	84.86 4.35 -7.88	122.24 6.10 -10.91	135.53 6.14 -28.89	125.66 7.54 -0.01
FREEPORT___CT2 23818	71.45 3.87 0.00	46.88 2.46 0.00	41.09 1.99 0.00	40.23 1.82 0.00	44.73 1.89 0.00	52.96 2.74 0.00	59.80 3.28 0.00	67.49 3.56 0.00	86.56 3.23 -2.96	60.65 2.97 -2.72	57.87 3.08 0.00	48.25 2.56 0.00	42.37 2.27 0.00	47.43 2.64 0.00	57.62 3.52 0.00	69.31 4.06 0.00	84.86 4.35 -7.88	122.24 6.10 -10.91	135.53 6.14 -28.89	125.66 7.54 -0.01
FRESHKLS_33_KV_LOAD 356253	70.78 3.21 0.00	46.93 2.52 0.00	41.13 2.03 0.00	40.39 1.98 0.00	44.84 2.00 0.00	52.93 2.71 0.00	59.46 2.94 0.00	66.65 2.87 0.16	84.17 3.80 0.00	57.75 2.80 0.00	57.52 2.73 0.00	47.96 2.27 0.00	42.24 2.15 0.00	47.12 2.33 0.00	56.91 2.80 0.00	63.94 2.70 4.01	69.54 3.06 6.16	110.24 5.00 0.00	105.34 4.84 0.00	123.99 5.88 0.00
FULTON COGEN____ 23766	64.91 -2.67 0.00	42.64 -1.78 0.00	37.58 -1.52 0.00	36.95 -1.47 0.00	41.21 -1.62 0.00	48.27 -1.95 0.00	54.39 -2.13 0.00	61.51 -2.43 0.00	77.36 -3.01 0.00	52.85 -2.10 0.00	52.62 -2.17 0.00	43.86 -1.84 0.00	38.44 -1.65 0.00	42.87 -1.92 0.00	51.70 -2.41 0.00	62.56 -2.69 0.00	69.73 -2.91 0.00	101.22 -4.02 0.00	96.53 -3.98 0.00	113.50 -4.61 0.00
FULTON___LFGE 323630	69.64 2.06 0.00	45.77 1.36 0.00	40.32 1.23 0.00	39.62 1.20 0.00	44.26 1.42 0.00	52.08 1.86 0.00	58.85 2.33 0.00	66.71 2.77 0.00	83.61 3.24 0.00	56.28 1.33 0.00	56.03 1.24 0.00	46.60 0.91 0.00	40.53 0.43 0.00	45.26 0.48 0.00	54.70 0.60 0.00	67.33 2.08 0.00	76.07 3.43 0.00	110.35 5.11 0.00	105.35 4.84 0.00	123.66 5.55 0.00
G.F.CEMENT___DRP 24184	70.85 3.27 0.00	46.56 2.14 0.00	40.92 1.83 0.00	40.18 1.76 0.00	44.77 1.93 0.00	52.86 2.64 0.00	59.94 3.42 0.00	67.72 3.79 0.00	84.83 4.46 0.00	57.47 2.52 0.00	56.91 2.12 0.00	47.66 1.97 0.00	41.77 1.67 0.00	46.91 2.12 0.00	56.92 2.82 0.00	69.23 3.98 0.00	77.48 4.84 0.00	112.19 6.95 0.00	107.42 6.92 0.00	126.27 8.16 0.00
GARDENVILLE___LBMP 24039	64.01 -3.57 0.00	41.98 -2.44 0.00	36.89 -2.20 0.00	36.35 -2.07 0.00	40.89 -1.95 0.00	47.08 -3.14 0.00	52.06 -4.46 0.00	58.30 -5.64 0.00	73.62 -6.75 0.00	50.83 -4.12 0.00	50.91 -3.89 0.00	42.48 -3.22 0.00	37.27 -2.83 0.00	41.86 -2.93 0.00	50.17 -3.93 0.00	60.30 -4.95 0.00	66.32 -6.32 0.00	97.14 -8.09 0.00	92.12 -8.38 0.00	108.98 -9.13 0.00
GARDNVLA_35_KV_LD 355827	64.62 -2.96 0.00	42.36 -2.06 0.00	37.24 -1.85 0.00	36.69 -1.73 0.00	41.26 -1.57 0.00	47.53 -2.69 0.00	52.60 -3.92 0.00	58.97 -4.97 0.00	74.53 -5.84 0.00	51.47 -3.48 0.00	51.54 -3.26 0.00	43.00 -2.69 0.00	37.70 -2.40 0.00	42.34 -2.45 0.00	50.75 -3.35 0.00	61.00 -4.25 0.00	67.14 -5.49 0.00	98.40 -6.84 0.00	93.33 -7.18 0.00	110.40 -7.71 0.00
GELCKHM___115KV_LOAD 80723	65.81 -1.76 0.00	43.22 -1.20 0.00	38.08 -1.02 0.00	37.46 -0.96 0.00	41.79 -1.05 0.00	48.94 -1.29 0.00	55.10 -1.42 0.00	62.31 -1.63 0.00	78.32 -2.05 0.00	53.52 -1.43 0.00	53.27 -1.53 0.00	44.39 -1.30 0.00	38.93 -1.17 0.00	43.47 -1.31 0.00	52.51 -1.59 0.00	63.51 -1.74 0.00	70.75 -1.89 0.00	102.67 -2.57 0.00	97.88 -2.62 0.00	115.04 -3.07 0.00
GENERAL___MILLS 23808	64.38 -3.20 0.00	42.22 -2.20 0.00	37.12 -1.98 0.00	36.56 -1.86 0.00	41.13 -1.71 0.00	47.37 -2.85 0.00	52.39 -4.13 0.00	58.68 -5.26 0.00	74.13 -6.25 0.00	51.20 -3.75 0.00	51.28 -3.51 0.00	42.80 -2.90 0.00	37.52 -2.57 0.00	42.13 -2.66 0.00	50.51 -3.59 0.00	60.70 -4.55 0.00	66.77 -5.87 0.00	97.83 -7.40 0.00	92.81 -7.70 0.00	109.69 -8.42 0.00
GE_PLASTICS___DRP 24183	69.19 1.62 0.00	45.49 1.07 0.00	39.93 0.84 0.00	39.20 0.78 0.00	43.60 0.76 0.00	51.13 0.91 0.00	57.56 1.04 0.00	65.01 1.07 0.00	81.66 1.29 0.00	55.63 0.68 0.00	55.37 0.57 0.00	46.22 0.53 0.00	40.61 0.51 0.00	45.39 0.60 0.00	54.83 0.73 0.00	66.08 0.83 0.00	73.67 1.03 0.00	106.55 1.31 0.00	101.93 1.43 0.00	119.88 1.77 0.00
GILBOA___1 23756	68.77 1.20 0.00	45.23 0.81 0.00	39.75 0.66 0.00	39.04 0.63 0.00	43.48 0.64 0.00	51.06 0.84 0.00	57.60 1.08 0.00	64.99 1.05 0.00	81.72 1.36 0.00	55.81 0.86 0.00	55.58 0.78 0.00	46.38 0.69 0.00	40.77 0.68 0.00	45.56 0.77 0.00	55.06 0.96 0.00	66.37 1.12 0.00	73.87 1.23 0.00	106.69 1.45 0.00	102.18 1.68 0.00	120.12 2.01 0.00
GILBOA___2 23757	68.77 1.20 0.00	45.23 0.81 0.00	39.75 0.66 0.00	39.04 0.63 0.00	43.48 0.64 0.00	51.06 0.84 0.00	57.60 1.08 0.00	64.99 1.05 0.00	81.72 1.36 0.00	55.81 0.86 0.00	55.58 0.78 0.00	46.38 0.69 0.00	40.77 0.68 0.00	45.56 0.77 0.00	55.06 0.96 0.00	66.37 1.12 0.00	73.87 1.23 0.00	106.69 1.45 0.00	102.18 1.68 0.00	120.12 2.01 0.00
GILBOA___3 23758	68.77 1.20 0.00	45.23 0.81 0.00	39.75 0.66 0.00	39.04 0.63 0.00	43.48 0.64 0.00	51.06 0.84 0.00	57.60 1.08 0.00	64.99 1.05 0.00	81.72 1.36 0.00	55.81 0.86 0.00	55.58 0.78 0.00	46.38 0.69 0.00	40.77 0.68 0.00	45.56 0.77 0.00	55.06 0.96 0.00	66.37 1.12 0.00	73.87 1.23 0.00	106.69 1.45 0.00	102.18 1.68 0.00	120.12 2.01 0.00
GILBOA___4 23759	68.77 1.20 0.00	45.23 0.81 0.00	39.75 0.66 0.00	39.04 0.63 0.00	43.48 0.64 0.00	51.06 0.84 0.00	57.60 1.08 0.00	64.99 1.05 0.00	81.72 1.36 0.00	55.81 0.86 0.00	55.58 0.78 0.00	46.38 0.69 0.00	40.77 0.68 0.00	45.56 0.77 0.00	55.06 0.96 0.00	66.37 1.12 0.00	73.87 1.23 0.00	106.69 1.45 0.00	102.18 1.68 0.00	120.12 2.01 0.00

GILBOA____ 23599	68.77 1.20 0.00	45.23 0.81 0.00	39.75 0.66 0.00	39.04 0.63 0.00	43.48 0.64 0.00	51.06 0.84 0.00	57.60 1.08 0.00	64.99 1.05 0.00	81.72 1.36 0.00	55.81 0.86 0.00	55.58 0.78 0.00	46.38 0.69 0.00	40.77 0.68 0.00	45.56 0.77 0.00	55.06 0.96 0.00	66.38 1.13 0.00	73.87 1.23 0.00	106.69 1.45 0.00	102.19 1.68 0.00	120.12 2.01 0.00
GINNA____ 23603	61.04 -5.39 1.14	40.13 -3.61 0.68	35.20 -3.14 0.74	34.58 -3.08 0.76	38.93 -3.24 0.67	45.82 -4.11 0.29	51.21 -5.00 0.31	58.13 -5.81 0.00	73.20 -7.17 0.00	50.21 -4.74 0.00	50.17 -4.63 0.00	41.82 -3.87 0.00	36.64 -3.46 0.00	41.07 -3.72 0.00	49.60 -4.50 0.00	59.82 -5.43 0.00	66.46 -6.18 0.00	96.88 -8.35 0.00	92.05 -8.45 0.00	108.31 -9.80 0.00
GLEN PARK____ 23778	67.23 -0.34 0.00	44.51 0.09 0.00	39.67 0.58 0.00	39.20 0.78 0.00	43.81 0.97 0.00	51.43 1.21 0.00	58.24 1.72 0.00	66.17 2.23 0.00	83.18 2.81 0.00	56.75 1.80 0.00	56.48 1.68 0.00	47.06 1.36 0.00	40.32 0.23 0.00	44.49 -0.30 0.00	53.73 -0.37 0.00	65.30 0.05 0.00	73.84 1.21 0.00	106.69 1.45 0.00	101.03 0.53 0.00	118.36 0.25 0.00
GLENDALE_27_KV_LOAD 356172	70.97 3.39 0.00	46.89 2.48 0.00	41.12 2.03 0.00	40.40 1.98 0.00	44.83 1.99 0.00	52.88 2.65 0.00	59.73 3.21 0.00	67.50 3.56 0.00	84.83 4.46 0.00	58.13 3.17 0.00	58.13 3.33 0.00	48.51 2.82 0.00	42.77 2.67 0.00	47.61 2.82 0.00	57.46 3.35 0.00	68.95 3.70 0.00	76.63 3.99 0.00	111.30 6.06 0.00	106.29 5.79 0.00	124.83 6.72 0.00
GLENWOOD_IC_1_G5 23712	71.05 3.47 0.00	46.70 2.29 0.00	40.96 1.86 0.00	40.16 1.74 0.00	44.66 1.83 0.00	52.76 2.54 0.00	59.64 3.11 0.00	67.34 3.41 0.00	87.68 3.70 -3.61	61.21 2.94 -3.33	57.78 2.98 0.00	48.20 2.50 0.00	42.39 2.29 0.00	47.40 2.61 0.00	57.39 3.29 0.00	69.03 3.78 0.00	86.45 4.19 -9.63	124.66 6.10 -13.32	141.73 5.94 -35.29	125.08 6.96 -0.02
GLENWOOD_IC_2_G1 23688	70.67 3.09 0.00	46.48 2.06 0.00	40.78 1.69 0.00	40.00 1.58 0.00	44.48 1.64 0.00	52.50 2.27 0.00	59.34 2.82 0.00	67.04 3.10 0.00	83.97 3.43 -0.17	57.76 2.65 -0.15	57.46 2.67 0.00	47.96 2.27 0.00	42.21 2.11 0.00	47.15 2.36 0.00	57.05 2.94 0.00	68.62 3.37 0.00	76.82 3.74 -0.45	111.37 5.51 -0.62	107.49 5.36 -1.63	124.36 6.25 0.00
GLENWOOD_IC_3_G1 23689	70.67 3.09 0.00	46.48 2.06 0.00	40.78 1.69 0.00	40.00 1.58 0.00	44.48 1.64 0.00	52.50 2.27 0.00	59.34 2.82 0.00	67.04 3.10 0.00	83.97 3.43 -0.17	57.76 2.65 -0.15	57.46 2.67 0.00	47.96 2.27 0.00	42.21 2.11 0.00	47.15 2.36 0.00	57.05 2.94 0.00	68.62 3.37 0.00	76.82 3.74 -0.45	111.37 5.51 -0.62	107.49 5.36 -1.63	124.36 6.25 0.00
GLENWOOD____4 23550	71.05 3.47 0.00	46.70 2.29 0.00	40.96 1.86 0.00	40.16 1.74 0.00	44.66 1.83 0.00	52.76 2.54 0.00	59.64 3.11 0.00	67.34 3.41 0.00	87.68 3.70 -3.61	61.21 2.94 -3.33	57.78 2.98 0.00	48.20 2.50 0.00	42.39 2.29 0.00	47.40 2.61 0.00	57.39 3.29 0.00	69.03 3.78 0.00	86.45 4.19 -9.63	124.66 6.10 -13.32	141.73 5.94 -35.29	125.08 6.96 -0.02
GLENWOOD____5 23614	71.05 3.47 0.00	46.70 2.29 0.00	40.96 1.86 0.00	40.16 1.74 0.00	44.66 1.83 0.00	52.76 2.54 0.00	59.64 3.11 0.00	67.34 3.41 0.00	87.68 3.70 -3.61	61.21 2.94 -3.33	57.78 2.98 0.00	48.20 2.50 0.00	42.39 2.29 0.00	47.40 2.61 0.00	57.39 3.29 0.00	69.03 3.78 0.00	86.45 4.19 -9.63	124.66 6.10 -13.32	141.73 5.94 -35.29	125.08 6.96 -0.02
GLOBAL GREEN_PORT_GT1 23814	72.08 4.50 0.00	47.20 2.78 0.00	41.50 2.41 0.00	40.50 2.09 0.00	45.08 2.24 0.00	53.65 3.43 0.00	60.77 4.25 0.00	68.53 4.59 0.00	85.48 2.84 -2.27	60.04 3.00 -2.09	58.25 3.45 0.00	48.74 3.05 0.00	42.78 2.69 0.00	48.22 3.44 0.00	59.11 5.00 0.00	71.56 6.31 0.00	86.34 6.82 -6.88	130.76 9.15 -16.37	131.42 6.12 -24.80	123.98 5.86 -0.01
GLOBE____DSASP 323697	61.78 -5.80 0.00	40.47 -3.96 0.00	35.61 -3.48 0.00	35.05 -3.37 0.00	39.41 -3.43 0.00	45.31 -4.91 0.00	49.82 -6.70 0.00	55.52 -8.42 0.00	70.13 -10.24 0.00	48.62 -6.33 0.00	48.79 -6.01 0.00	40.71 -4.98 0.00	35.77 -4.32 0.00	40.10 -4.69 0.00	48.04 -6.06 0.00	57.52 -7.73 0.00	63.37 -9.27 0.00	92.82 -12.42 0.00	87.80 -12.70 0.00	103.68 -14.43 0.00
GOETHSLN____LBMP 323567	70.18 2.60 0.00	46.31 1.88 0.00	40.63 1.53 0.00	39.88 1.46 0.00	44.33 1.49 0.00	52.24 2.02 0.00	59.07 2.55 0.00	66.80 2.86 0.00	83.78 3.41 0.00	57.39 2.44 0.00	57.26 2.46 0.00	47.79 2.10 0.00	42.15 2.05 0.00	47.02 2.23 0.00	56.78 2.68 0.00	68.19 2.95 0.00	75.91 3.27 0.00	110.40 5.17 0.00	105.49 4.98 0.00	123.90 5.79 0.00
GOLAH____69_KV_TB 1_2 80279	65.22 -2.35 0.00	42.77 -1.65 0.00	37.65 -1.44 0.00	37.04 -1.38 0.00	41.54 -1.30 0.00	48.22 -2.00 0.00	53.70 -2.82 0.00	60.59 -3.35 0.00	76.39 -3.98 0.00	52.47 -2.48 0.00	52.39 -2.41 0.00	43.61 -2.09 0.00	38.21 -1.89 0.00	42.96 -1.82 0.00	51.76 -2.34 0.00	62.28 -2.97 0.00	69.17 -3.46 0.00	101.11 -4.13 0.00	95.96 -4.54 0.00	113.02 -5.09 0.00
GOODYEAR_LAKE_HYD 323669	68.73 1.15 0.00	45.18 0.76 0.00	39.79 0.70 0.00	39.15 0.73 0.00	43.68 0.84 0.00	51.34 1.12 0.00	58.01 1.48 0.00	65.70 1.76 0.00	82.68 2.31 0.00	56.53 1.58 0.00	56.26 1.47 0.00	46.82 1.12 0.00	41.03 0.93 0.00	45.81 1.02 0.00	55.43 1.33 0.00	67.05 1.80 0.00	74.69 2.05 0.00	108.22 2.98 0.00	103.25 2.75 0.00	121.30 3.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	66.62 -0.96 0.00	43.72 -0.70 0.00	38.50 -0.60 0.00	37.90 -0.52 0.00	42.31 -0.53 0.00	49.41 -0.82 0.00	55.77 -0.75 0.00	63.12 -0.82 0.00	79.32 -1.05 0.00	54.20 -0.75 0.00	53.81 -0.98 0.00	44.85 -0.85 0.00	39.37 -0.72 0.00	44.02 -0.77 0.00	53.14 -0.96 0.00	64.32 -0.92 0.00	71.34 -1.29 0.00	103.56 -1.68 0.00	98.80 -1.71 0.00	116.31 -1.80 0.00

GOUDEY___7 23579	66.62 -0.96 0.00	43.72 -0.70 0.00	38.50 -0.60 0.00	37.90 -0.52 0.00	42.31 -0.53 0.00	49.41 -0.82 0.00	55.77 -0.75 0.00	63.12 -0.82 0.00	79.32 -1.05 0.00	54.20 -0.75 0.00	53.81 -0.98 0.00	44.85 -0.85 0.00	39.37 -0.72 0.00	44.02 -0.77 0.00	53.14 -0.96 0.00	64.32 -0.92 0.00	71.34 -1.29 0.00	103.56 -1.68 0.00	98.80 -1.71 0.00	116.31 -1.80 0.00
GOUDEY___8 23580	66.62 -0.96 0.00	43.72 -0.70 0.00	38.50 -0.60 0.00	37.90 -0.52 0.00	42.31 -0.53 0.00	49.41 -0.82 0.00	55.77 -0.75 0.00	63.12 -0.82 0.00	79.32 -1.05 0.00	54.20 -0.75 0.00	53.81 -0.98 0.00	44.85 -0.85 0.00	39.37 -0.72 0.00	44.02 -0.77 0.00	53.14 -0.96 0.00	64.32 -0.92 0.00	71.34 -1.29 0.00	103.56 -1.68 0.00	98.80 -1.71 0.00	116.31 -1.80 0.00
GOWANUS_GT1_1 24077	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT1_2 24078	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT1_3 24079	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT1_4 24080	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT1_5 24084	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT1_6 24111	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT1_7 24112	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT1_8 24113	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT2_1 24114	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT2_2 24115	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT2_3 24116	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT2_4 24117	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT2_5 24118	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00

GOWANUS_GT2_6 24119	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT2_7 24120	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT2_8 24121	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT3_1 24122	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT3_2 24123	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT3_3 24124	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT3_4 24125	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT3_5 24126	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT3_6 24127	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT3_7 24128	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT3_8 24129	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT4_1 24130	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT4_2 24131	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT4_3 24132	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT4_4 24133	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00

GOWANUS_GT4_5 24134	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT4_6 24135	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT4_7 24136	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GOWANUS_GT4_8 24137	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GREATVRV_69_KV_BK1 356245	72.66 5.08 0.00	47.59 3.17 0.00	41.74 2.65 0.00	40.82 2.41 0.00	45.37 2.53 0.00	53.90 3.67 0.00	60.88 4.36 0.00	68.68 4.74 0.00	87.55 4.86 -2.32	61.10 4.01 -2.14	58.72 3.93 0.00	48.94 3.25 0.00	42.89 2.80 0.00	48.07 3.29 0.00	58.54 4.44 0.00	70.63 5.38 0.00	85.29 5.80 -6.85	128.35 8.20 -14.91	133.00 7.70 -24.79	126.95 8.83 -0.01
GREENBSH_115KV_TB3 55895	69.33 1.75 0.00	45.54 1.13 0.00	39.96 0.87 0.00	39.21 0.79 0.00	43.58 0.74 0.00	51.06 0.83 0.00	57.44 0.92 0.00	64.86 0.92 0.00	81.46 1.09 0.00	55.46 0.51 0.00	55.19 0.39 0.00	46.09 0.40 0.00	40.46 0.36 0.00	45.22 0.43 0.00	54.64 0.53 0.00	65.75 0.50 0.00	73.32 0.69 0.00	105.98 0.74 0.00	101.45 0.95 0.00	119.18 1.07 0.00
GREENDGE_115KV_TB5 80291	65.01 -2.56 0.00	42.98 -1.44 0.00	38.19 -0.90 0.00	37.56 -0.86 0.00	42.07 -0.77 0.00	48.96 -1.26 0.00	54.52 -2.00 0.00	61.51 -2.43 0.00	77.24 -3.13 0.00	52.42 -2.54 0.00	51.96 -2.84 0.00	43.73 -1.96 0.00	38.31 -1.78 0.00	43.11 -1.68 0.00	51.45 -2.66 0.00	62.22 -3.03 0.00	69.26 -3.38 0.00	100.98 -4.25 0.00	96.23 -4.28 0.00	113.58 -4.53 0.00
GREENIDGE___3 23582	65.01 -2.56 0.00	42.98 -1.44 0.00	38.19 -0.90 0.00	37.56 -0.86 0.00	42.07 -0.77 0.00	48.96 -1.26 0.00	54.52 -2.00 0.00	61.51 -2.43 0.00	77.24 -3.13 0.00	52.42 -2.54 0.00	51.96 -2.84 0.00	43.73 -1.96 0.00	38.31 -1.78 0.00	43.11 -1.68 0.00	51.45 -2.66 0.00	62.22 -3.03 0.00	69.26 -3.38 0.00	100.98 -4.25 0.00	96.23 -4.28 0.00	113.58 -4.53 0.00
GREENIDGE___4 23583	66.46 -2.57 -1.45	43.84 -1.44 -0.86	39.14 -0.90 -0.95	38.53 -0.86 -0.96	42.92 -0.76 -0.85	49.33 -1.26 -0.37	54.92 -2.00 -0.40	61.51 -2.43 0.00	77.23 -3.14 0.00	52.42 -2.54 0.00	51.96 -2.83 0.00	43.73 -1.96 0.00	38.31 -1.78 0.00	43.11 -1.68 0.00	51.46 -2.64 0.00	62.23 -3.03 0.00	69.26 -3.38 0.00	100.98 -4.25 0.00	96.21 -4.29 0.00	113.58 -4.53 0.00
GREENLWN_69_KV_BK 3 55738	71.26 3.68 0.00	46.71 2.30 0.00	40.95 1.86 0.00	40.07 1.66 0.00	44.51 1.67 0.00	52.83 2.60 0.00	59.62 3.10 0.00	67.27 3.33 0.00	85.85 3.17 -2.31	59.96 2.89 -2.13	57.72 2.92 0.00	48.16 2.47 0.00	42.24 2.15 0.00	47.30 2.51 0.00	57.55 3.45 0.00	69.28 4.03 0.00	82.26 4.21 -5.41	112.39 5.73 -1.43	126.35 5.63 -20.22	124.60 6.48 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00
GRISSOM___SOLAR 323813	69.95 2.38 0.00	45.98 1.56 0.00	40.47 1.38 0.00	39.75 1.34 0.00	44.40 1.56 0.00	52.23 2.01 0.00	59.01 2.49 0.00	66.88 2.95 0.00	83.73 3.36 0.00	56.32 1.37 0.00	56.04 1.25 0.00	46.59 0.90 0.00	40.48 0.39 0.00	45.18 0.39 0.00	54.64 0.54 0.00	67.40 2.15 0.00	76.21 3.57 0.00	110.54 5.30 0.00	105.57 5.07 0.00	124.01 5.90 0.00
GROVEVILLE___HYD 323602	70.80 3.22 0.00	46.59 2.17 0.00	40.90 1.80 0.00	40.17 1.75 0.00	44.69 1.86 0.00	52.65 2.43 0.00	59.53 3.01 0.00	67.31 3.38 0.00	84.40 4.03 0.00	57.68 2.73 0.00	57.44 2.65 0.00	47.93 2.24 0.00	42.20 2.10 0.00	47.17 2.38 0.00	57.01 2.91 0.00	68.73 3.48 0.00	76.66 4.02 0.00	111.27 6.03 0.00	106.34 5.84 0.00	124.96 6.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	66.28 -1.30 0.00	43.50 -0.92 0.00	38.33 -0.76 0.00	37.73 -0.69 0.00	42.11 -0.73 0.00	49.32 -0.90 0.00	55.54 -0.98 0.00	62.83 -1.11 0.00	78.91 -1.47 0.00	53.90 -1.05 0.00	53.64 -1.15 0.00	44.67 -1.02 0.00	39.17 -0.93 0.00	43.76 -1.02 0.00	52.87 -1.23 0.00	63.97 -1.28 0.00	71.25 -1.39 0.00	103.44 -1.79 0.00	98.58 -1.92 0.00	115.86 -2.24 0.00
HAMLTNNY_34_KV_TB 80303	66.40 -1.18 0.00	43.55 -0.87 0.00	38.37 -0.73 0.00	37.73 -0.68 0.00	42.19 -0.65 0.00	49.34 -0.88 0.00	55.56 -0.96 0.00	62.89 -1.05 0.00	78.96 -1.41 0.00	53.95 -1.00 0.00	53.71 -1.09 0.00	44.67 -1.02 0.00	39.16 -0.94 0.00	43.81 -0.97 0.00	52.97 -1.13 0.00	64.04 -1.21 0.00	71.31 -1.33 0.00	103.61 -1.62 0.00	98.66 -1.84 0.00	115.98 -2.13 0.00

HAMPSHIRE___PAPER_HYD 323593	68.24 0.66 0.00	44.99 0.57 0.00	39.87 0.77 0.00	39.27 0.86 0.00	43.87 1.03 0.00	51.27 1.05 0.00	57.74 1.22 0.00	65.61 1.67 0.00	82.52 2.15 0.00	56.54 1.59 0.00	56.49 1.69 0.00	47.17 1.48 0.00	40.91 0.82 0.00	45.42 0.64 0.00	54.78 0.68 0.00	65.89 0.64 0.00	73.38 0.75 0.00	106.07 0.83 0.00	100.92 0.42 0.00	118.24 0.13 0.00
HARDSCRABBLE_WT_PWR 323673	69.33 1.75 0.00	45.62 1.20 0.00	40.17 1.08 0.00	39.55 1.13 0.00	44.18 1.34 0.00	52.11 1.89 0.00	58.97 2.45 0.00	66.99 3.06 0.00	83.80 3.43 0.00	56.25 1.30 0.00	55.79 1.00 0.00	46.48 0.79 0.00	40.79 0.70 0.00	45.47 0.68 0.00	55.27 1.16 0.00	67.96 2.71 0.00	76.52 3.88 0.00	110.95 5.72 0.00	105.60 5.10 0.00	124.24 6.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	70.24 2.66 0.00	46.21 1.80 0.00	40.58 1.48 0.00	39.85 1.43 0.00	44.33 1.49 0.00	52.20 1.98 0.00	59.04 2.52 0.00	66.76 2.82 0.00	83.69 3.32 0.00	57.19 2.24 0.00	56.99 2.20 0.00	47.55 1.86 0.00	41.85 1.75 0.00	46.75 1.96 0.00	56.53 2.42 0.00	68.06 2.81 0.00	75.94 3.30 0.00	110.29 5.06 0.00	105.40 4.90 0.00	123.78 5.67 0.00
HARSNRAD_115KV_TB1 81005	62.27 -5.30 0.00	40.83 -3.59 0.00	35.93 -3.16 0.00	35.37 -3.05 0.00	39.81 -3.03 0.00	45.85 -4.38 0.00	50.27 -6.25 0.00	56.35 -7.59 0.00	71.26 -9.11 0.00	49.36 -5.59 0.00	49.51 -5.28 0.00	41.34 -4.35 0.00	36.32 -3.78 0.00	40.76 -4.02 0.00	48.86 -5.25 0.00	58.38 -6.87 0.00	64.18 -8.46 0.00	93.98 -11.25 0.00	89.03 -11.47 0.00	105.21 -12.90 0.00
HARZA MOOSE___RIVER 24016	68.36 0.78 0.00	45.03 0.61 0.00	39.94 0.84 0.00	39.38 0.96 0.00	43.94 1.10 0.00	51.60 1.38 0.00	58.36 1.84 0.00	66.19 2.25 0.00	83.19 2.82 0.00	56.78 1.83 0.00	56.55 1.75 0.00	47.04 1.34 0.00	40.71 0.62 0.00	45.18 0.39 0.00	54.62 0.51 0.00	66.14 0.89 0.00	74.41 1.78 0.00	107.63 2.39 0.00	102.48 1.98 0.00	120.25 2.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	65.75 -1.83 0.00	43.17 -1.24 0.00	38.05 -1.04 0.00	37.43 -0.99 0.00	41.75 -1.09 0.00	48.90 -1.32 0.00	55.06 -1.47 0.00	62.27 -1.67 0.00	78.27 -2.10 0.00	53.48 -1.47 0.00	53.24 -1.56 0.00	44.35 -1.34 0.00	38.90 -1.20 0.00	43.44 -1.35 0.00	52.47 -1.63 0.00	63.46 -1.78 0.00	70.68 -1.96 0.00	102.60 -2.64 0.00	97.80 -2.70 0.00	115.03 -3.08 0.00
HELLGATE_13_KV_LD 55870	71.10 3.52 0.00	46.97 2.55 0.00	41.19 2.10 0.00	40.47 2.05 0.00	44.89 2.06 0.00	52.96 2.73 0.00	59.83 3.31 0.00	67.61 3.67 0.00	85.00 4.63 0.00	58.24 3.29 0.00	58.24 3.45 0.00	48.61 2.91 0.00	42.85 2.75 0.00	47.69 2.90 0.00	57.56 3.46 0.00	69.07 3.82 0.00	76.76 4.13 0.00	111.56 6.32 0.00	106.46 5.96 0.00	125.18 7.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	71.10 3.52 0.00	46.97 2.55 0.00	41.19 2.10 0.00	40.47 2.05 0.00	44.89 2.06 0.00	52.96 2.73 0.00	59.83 3.31 0.00	67.61 3.67 0.00	85.00 4.63 0.00	58.24 3.29 0.00	58.24 3.45 0.00	48.61 2.91 0.00	42.85 2.75 0.00	47.69 2.90 0.00	57.56 3.46 0.00	69.07 3.82 0.00	76.76 4.13 0.00	111.56 6.32 0.00	106.46 5.96 0.00	125.18 7.07 0.00
HEMPSTEAD___ 23647	70.87 3.29 0.00	46.53 2.12 0.00	40.81 1.72 0.00	39.98 1.57 0.00	44.45 1.61 0.00	52.59 2.37 0.00	59.39 2.86 0.00	67.05 3.11 0.00	86.64 3.05 -3.22	60.57 2.66 -2.97	57.53 2.74 0.00	47.97 2.27 0.00	42.14 2.04 0.00	47.15 2.36 0.00	57.21 3.11 0.00	68.82 3.57 0.00	85.11 3.89 -8.58	122.66 5.55 -11.88	137.40 5.44 -31.46	124.60 6.47 -0.01
HICKLING___1 23621	65.49 -2.09 0.00	42.93 -1.49 0.00	37.86 -1.24 0.00	37.31 -1.11 0.00	41.75 -1.09 0.00	48.47 -1.75 0.00	54.65 -1.87 0.00	61.47 -2.47 0.00	77.11 -3.26 0.00	52.50 -2.45 0.00	52.09 -2.71 0.00	43.45 -2.25 0.00	37.99 -2.10 0.00	43.01 -1.78 0.00	51.58 -2.53 0.00	62.63 -2.62 0.00	69.32 -3.32 0.00	100.88 -4.36 0.00	96.25 -4.25 0.00	113.91 -4.19 0.00
HICKLING___2 23622	65.49 -2.09 0.00	42.93 -1.49 0.00	37.86 -1.24 0.00	37.31 -1.11 0.00	41.75 -1.09 0.00	48.47 -1.75 0.00	54.65 -1.87 0.00	61.47 -2.47 0.00	77.11 -3.26 0.00	52.50 -2.45 0.00	52.09 -2.71 0.00	43.45 -2.25 0.00	37.99 -2.10 0.00	43.01 -1.78 0.00	51.58 -2.53 0.00	62.63 -2.62 0.00	69.32 -3.32 0.00	100.88 -4.36 0.00	96.25 -4.25 0.00	113.91 -4.19 0.00
HIGH FALLS___HY 23754	70.95 3.37 0.00	46.69 2.28 0.00	41.00 1.90 0.00	40.28 1.86 0.00	44.86 2.02 0.00	52.86 2.64 0.00	59.85 3.33 0.00	67.71 3.78 0.00	84.87 4.50 0.00	57.90 2.95 0.00	57.52 2.72 0.00	47.84 2.15 0.00	42.09 1.99 0.00	47.03 2.25 0.00	56.97 2.87 0.00	68.94 3.69 0.00	76.96 4.32 0.00	111.89 6.66 0.00	107.00 6.50 0.00	125.78 7.67 0.00
HIGH_RIVER___SOLAR 323847	69.55 1.97 0.00	45.71 1.29 0.00	40.24 1.14 0.00	39.54 1.12 0.00	44.16 1.32 0.00	51.95 1.73 0.00	58.68 2.15 0.00	66.44 2.50 0.00	83.10 2.73 0.00	55.79 0.85 0.00	55.48 0.68 0.00	46.28 0.59 0.00	40.46 0.36 0.00	45.24 0.45 0.00	54.63 0.53 0.00	66.90 1.65 0.00	75.77 3.13 0.00	109.85 4.61 0.00	104.92 4.42 0.00	123.19 5.08 0.00
HILLBURN___GT 23639	69.96 2.38 0.00	46.07 1.65 0.00	40.44 1.35 0.00	39.71 1.29 0.00	44.16 1.32 0.00	52.01 1.79 0.00	58.84 2.32 0.00	66.54 2.60 0.00	83.39 3.02 0.00	57.03 2.08 0.00	56.87 2.08 0.00	47.45 1.76 0.00	41.77 1.68 0.00	46.62 1.84 0.00	56.32 2.22 0.00	67.77 2.52 0.00	75.56 2.92 0.00	109.73 4.49 0.00	104.88 4.38 0.00	123.19 5.08 0.00
HILLSIDE_115KV_TB1 80332	64.83 -2.75 0.00	42.49 -1.92 0.00	37.45 -1.65 0.00	36.93 -1.49 0.00	41.26 -1.58 0.00	47.94 -2.28 0.00	54.18 -2.34 0.00	61.55 -2.38 0.00	77.13 -3.24 0.00	52.62 -2.33 0.00	52.15 -2.64 0.00	43.51 -2.18 0.00	38.22 -1.87 0.00	42.74 -2.05 0.00	51.36 -2.74 0.00	62.31 -2.93 0.00	68.81 -3.83 0.00	100.04 -5.20 0.00	95.45 -5.05 0.00	112.84 -5.27 0.00

HISHELDN_WT_PWR 323625	61.84 -4.11 1.63	40.68 -2.78 0.96	35.60 -2.43 1.06	35.08 -2.26 1.09	39.73 -2.16 0.95	46.45 -3.35 0.42	51.46 -4.61 0.46	58.00 -5.93 0.00	73.18 -7.19 0.00	50.22 -4.73 0.00	50.04 -4.75 0.00	41.72 -3.98 0.00	36.51 -3.59 0.00	41.12 -3.66 0.00	49.26 -4.84 0.00	59.49 -5.76 0.00	65.48 -7.16 0.00	95.83 -9.41 0.00	91.17 -9.33 0.00	108.15 -9.96 0.00
HOLTSVILLE_IC_1 23690	71.72 4.15 0.00	47.00 2.58 0.00	41.22 2.13 0.00	40.32 1.90 0.00	44.80 1.96 0.00	53.22 2.99 0.00	60.14 3.62 0.00	67.79 3.86 0.00	86.39 3.75 -2.27	60.27 3.24 -2.09	57.97 3.18 0.00	48.34 2.64 0.00	42.39 2.29 0.00	47.48 2.69 0.00	57.81 3.70 0.00	69.73 4.48 0.00	84.25 4.69 -6.91	128.41 6.42 -16.75	131.24 5.84 -24.90	124.58 6.46 -0.01
HOLTSVILLE_IC_10 23699	72.11 4.53 0.00	47.23 2.81 0.00	41.43 2.34 0.00	40.51 2.09 0.00	45.01 2.17 0.00	53.51 3.28 0.00	60.48 3.96 0.00	68.23 4.29 0.00	86.91 4.26 -2.28	60.62 3.57 -2.10	58.29 3.49 0.00	48.57 2.88 0.00	42.59 2.49 0.00	47.71 2.93 0.00	58.10 4.00 0.00	70.16 4.91 0.00	84.64 5.20 -6.80	127.76 7.20 -15.32	131.46 6.41 -24.55	125.18 7.06 -0.01
HOLTSVILLE_IC_2 23691	71.72 4.15 0.00	47.00 2.58 0.00	41.22 2.13 0.00	40.32 1.90 0.00	44.80 1.96 0.00	53.22 2.99 0.00	60.14 3.62 0.00	67.79 3.86 0.00	86.39 3.75 -2.27	60.27 3.24 -2.09	57.97 3.18 0.00	48.34 2.64 0.00	42.39 2.29 0.00	47.48 2.69 0.00	57.81 3.70 0.00	69.73 4.48 0.00	84.25 4.69 -6.91	128.41 6.42 -16.75	131.24 5.84 -24.90	124.58 6.46 -0.01
HOLTSVILLE_IC_3 23692	71.72 4.15 0.00	47.00 2.58 0.00	41.22 2.13 0.00	40.32 1.90 0.00	44.80 1.96 0.00	53.22 2.99 0.00	60.14 3.62 0.00	67.79 3.86 0.00	86.39 3.75 -2.27	60.27 3.24 -2.09	57.97 3.18 0.00	48.34 2.64 0.00	42.39 2.29 0.00	47.48 2.69 0.00	57.81 3.70 0.00	69.73 4.48 0.00	84.25 4.69 -6.91	128.41 6.42 -16.75	131.24 5.84 -24.90	124.58 6.46 -0.01
HOLTSVILLE_IC_4 23693	71.72 4.15 0.00	47.00 2.58 0.00	41.22 2.13 0.00	40.32 1.90 0.00	44.80 1.96 0.00	53.22 2.99 0.00	60.14 3.62 0.00	67.79 3.86 0.00	86.39 3.75 -2.27	60.27 3.24 -2.09	57.97 3.18 0.00	48.34 2.64 0.00	42.39 2.29 0.00	47.48 2.69 0.00	57.81 3.70 0.00	69.73 4.48 0.00	84.25 4.69 -6.91	128.41 6.42 -16.75	131.24 5.84 -24.90	124.58 6.46 -0.01
HOLTSVILLE_IC_5 23694	71.72 4.15 0.00	47.00 2.58 0.00	41.22 2.13 0.00	40.32 1.90 0.00	44.80 1.96 0.00	53.22 2.99 0.00	60.14 3.62 0.00	67.79 3.86 0.00	86.39 3.75 -2.27	60.27 3.24 -2.09	57.97 3.18 0.00	48.34 2.64 0.00	42.39 2.29 0.00	47.48 2.69 0.00	57.81 3.70 0.00	69.73 4.48 0.00	84.25 4.69 -6.91	128.41 6.42 -16.75	131.24 5.84 -24.90	124.58 6.46 -0.01
HOLTSVILLE_IC_6 23695	72.11 4.53 0.00	47.23 2.81 0.00	41.43 2.34 0.00	40.51 2.09 0.00	45.01 2.17 0.00	53.51 3.28 0.00	60.48 3.96 0.00	68.23 4.29 0.00	86.91 4.26 -2.28	60.62 3.57 -2.10	58.29 3.49 0.00	48.57 2.88 0.00	42.59 2.49 0.00	47.71 2.93 0.00	58.10 4.00 0.00	70.16 4.91 0.00	84.64 5.20 -6.80	127.76 7.20 -15.32	131.46 6.41 -24.55	125.18 7.06 -0.01
HOLTSVILLE_IC_7 23696	72.11 4.53 0.00	47.23 2.81 0.00	41.43 2.34 0.00	40.51 2.09 0.00	45.01 2.17 0.00	53.51 3.28 0.00	60.48 3.96 0.00	68.23 4.29 0.00	86.91 4.26 -2.28	60.62 3.57 -2.10	58.29 3.49 0.00	48.57 2.88 0.00	42.59 2.49 0.00	47.71 2.93 0.00	58.10 4.00 0.00	70.16 4.91 0.00	84.64 5.20 -6.80	127.76 7.20 -15.32	131.46 6.41 -24.55	125.18 7.06 -0.01
HOLTSVILLE_IC_8 23697	72.11 4.53 0.00	47.23 2.81 0.00	41.43 2.34 0.00	40.51 2.09 0.00	45.01 2.17 0.00	53.51 3.28 0.00	60.48 3.96 0.00	68.23 4.29 0.00	86.91 4.26 -2.28	60.62 3.57 -2.10	58.29 3.49 0.00	48.57 2.88 0.00	42.59 2.49 0.00	47.71 2.93 0.00	58.10 4.00 0.00	70.16 4.91 0.00	84.64 5.20 -6.80	127.76 7.20 -15.32	131.46 6.41 -24.55	125.18 7.06 -0.01
HOLTSVILLE_IC_9 23698	72.11 4.53 0.00	47.23 2.81 0.00	41.43 2.34 0.00	40.51 2.09 0.00	45.01 2.17 0.00	53.51 3.28 0.00	60.48 3.96 0.00	68.23 4.29 0.00	86.91 4.26 -2.28	60.62 3.57 -2.10	58.29 3.49 0.00	48.57 2.88 0.00	42.59 2.49 0.00	47.71 2.93 0.00	58.10 4.00 0.00	70.16 4.91 0.00	84.64 5.20 -6.80	127.76 7.20 -15.32	131.46 6.41 -24.55	125.18 7.06 -0.01
HOMER_HL_115KV_TB2 355744	66.10 -1.48 0.00	43.40 -1.01 0.00	38.05 -1.04 0.00	37.53 -0.89 0.00	42.04 -0.80 0.00	48.35 -1.87 0.00	54.11 -2.41 0.00	60.79 -3.15 0.00	76.51 -3.87 0.00	52.79 -2.16 0.00	52.68 -2.12 0.00	43.91 -1.78 0.00	38.49 -1.61 0.00	43.30 -1.49 0.00	51.91 -2.20 0.00	62.63 -2.62 0.00	68.64 -4.00 0.00	100.34 -4.90 0.00	95.49 -5.01 0.00	112.87 -5.24 0.00
HOWARD_WT_PWR 323690	64.85 -3.32 -0.59	42.42 -2.35 -0.35	37.80 -1.68 -0.38	36.86 -1.95 -0.39	41.32 -1.87 -0.34	47.66 -2.71 -0.15	53.85 -2.83 -0.16	60.38 -3.56 0.00	75.74 -4.63 0.00	51.13 -3.81 0.00	50.53 -4.27 0.00	42.10 -3.59 0.00	36.58 -3.52 0.00	41.41 -3.37 0.00	49.31 -4.79 0.00	60.43 -4.82 0.00	67.39 -5.24 0.00	98.21 -7.02 0.00	93.91 -6.59 0.00	111.78 -6.32 0.00
HQ_GEN_CEDARS 23644	69.52 1.94 0.00	45.73 1.31 0.00	40.28 1.18 0.00	39.59 1.17 0.00	44.23 1.39 0.00	51.75 1.52 0.00	57.98 1.46 0.00	65.81 1.87 0.00	82.81 2.44 0.00	56.91 1.96 0.00	56.98 2.19 0.00	47.49 1.80 0.00	41.59 1.49 0.00	46.43 1.64 0.00	56.00 1.90 0.00	67.19 1.94 0.00	74.45 1.82 0.00	107.83 2.59 0.00	102.94 2.44 0.00	120.72 2.61 0.00
HQ_GEN_CEDARS_PROXY 323590	69.52 1.95 0.00	45.73 1.31 0.00	40.27 1.18 0.00	39.59 1.17 0.00	43.89 1.39 0.34	48.25 1.52 3.50	57.98 1.46 0.00	65.81 1.87 0.00	76.72 2.44 6.09	53.97 1.96 2.94	54.97 2.19 2.01	47.49 1.80 0.00	41.59 1.49 0.00	46.43 1.64 0.00	56.00 1.90 0.00	67.18 1.94 0.00	74.45 1.81 0.00	107.83 2.59 0.00	102.95 2.45 0.00	120.71 2.61 0.00

HQ_GEN_IMPORT 323601	68.21 0.63 0.00	44.83 0.42 0.00	39.97 0.39 -0.48	38.80 0.38 0.00	43.31 0.47 0.00	50.72 0.50 0.00	56.94 0.42 0.00	64.50 0.56 0.00	81.14 0.77 0.00	55.62 0.67 0.00	55.61 0.81 0.00	46.36 0.65 -0.02	40.65 0.55 0.00	45.40 0.61 0.00	54.81 0.71 0.00	67.64 0.72 -1.67	73.27 0.64 0.00	106.16 0.92 0.00	101.37 0.87 0.00	119.05 0.94 0.00
HQ_GEN_WHEEL 23651	68.21 0.63 0.00	44.83 0.42 0.00	39.97 0.39 -0.48	38.80 0.38 0.00	43.31 0.47 0.00	50.72 0.50 0.00	56.94 0.42 0.00	64.50 0.56 0.00	81.14 0.77 0.00	55.62 0.67 0.00	55.61 0.81 0.00	46.36 0.65 -0.02	40.65 0.55 0.00	45.40 0.61 0.00	54.81 0.71 0.00	67.64 0.72 -1.67	73.27 0.64 0.00	106.16 0.92 0.00	101.37 0.87 0.00	119.05 0.94 0.00
HUDSON AVE_GT_3 23810	70.62 3.04 0.00	46.55 2.13 0.00	40.85 1.75 0.00	40.11 1.69 0.00	44.58 1.75 0.00	52.55 2.33 0.00	59.42 2.90 0.00	67.20 3.26 0.00	84.33 3.96 0.00	57.79 2.84 0.00	57.68 2.88 0.00	48.15 2.46 0.00	42.45 2.35 0.00	47.36 2.57 0.00	57.17 3.07 0.00	68.70 3.45 0.00	76.45 3.81 0.00	111.05 5.81 0.00	106.11 5.61 0.00	124.61 6.50 0.00
HUDSON AVE_GT_4 23540	70.62 3.04 0.00	46.55 2.13 0.00	40.85 1.75 0.00	40.11 1.69 0.00	44.58 1.75 0.00	52.55 2.33 0.00	59.42 2.90 0.00	67.20 3.26 0.00	84.33 3.96 0.00	57.79 2.84 0.00	57.68 2.88 0.00	48.15 2.46 0.00	42.45 2.35 0.00	47.36 2.57 0.00	57.17 3.07 0.00	68.70 3.45 0.00	76.45 3.81 0.00	111.05 5.81 0.00	106.11 5.61 0.00	124.61 6.50 0.00
HUDSON AVE_GT_5 23657	70.62 3.04 0.00	46.55 2.13 0.00	40.85 1.75 0.00	40.11 1.69 0.00	44.58 1.75 0.00	52.55 2.33 0.00	59.42 2.90 0.00	67.20 3.26 0.00	84.33 3.96 0.00	57.79 2.84 0.00	57.68 2.88 0.00	48.15 2.46 0.00	42.45 2.35 0.00	47.36 2.57 0.00	57.17 3.07 0.00	68.70 3.45 0.00	76.45 3.81 0.00	111.05 5.81 0.00	106.11 5.61 0.00	124.61 6.50 0.00
HUDSON_AVE_10 24168	70.38 2.80 0.00	46.42 2.00 0.00	40.74 1.65 0.00	39.99 1.57 0.00	44.44 1.60 0.00	52.39 2.17 0.00	59.28 2.76 0.00	67.05 3.11 0.00	84.13 3.75 0.00	57.63 2.68 0.00	57.51 2.71 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.22 2.43 0.00	57.00 2.89 0.00	68.48 3.23 0.00	76.24 3.60 0.00	110.80 5.57 0.00	105.86 5.36 0.00	124.36 6.25 0.00
HUDSON___115KV_TB 4 355613	70.84 3.26 0.00	46.53 2.12 0.00	40.88 1.78 0.00	40.12 1.71 0.00	44.62 1.78 0.00	52.25 2.03 0.00	58.81 2.29 0.00	66.55 2.61 0.00	83.57 3.20 0.00	56.62 1.67 0.00	55.94 1.15 0.00	46.52 0.82 0.00	40.81 0.71 0.00	45.63 0.84 0.00	55.23 1.13 0.00	66.98 1.73 0.00	75.22 2.58 0.00	109.06 3.82 0.00	104.33 3.82 0.00	122.61 4.50 0.00
HUNTER MOUNT___DRP 323613	71.25 3.68 0.00	46.79 2.37 0.00	41.09 2.00 0.00	40.35 1.93 0.00	44.89 2.05 0.00	52.62 2.40 0.00	59.30 2.78 0.00	67.13 3.19 0.00	84.31 3.94 0.00	57.04 2.09 0.00	56.34 1.55 0.00	46.80 1.11 0.00	41.05 0.95 0.00	45.92 1.13 0.00	55.59 1.49 0.00	67.49 2.24 0.00	75.89 3.25 0.00	110.03 4.80 0.00	105.27 4.77 0.00	123.67 5.56 0.00
HUNTINGTON_RES_REC 323705	71.64 4.06 0.00	46.94 2.52 0.00	41.15 2.06 0.00	40.25 1.84 0.00	44.71 1.88 0.00	53.21 2.98 0.00	60.10 3.58 0.00	67.79 3.86 0.00	86.45 3.80 -2.28	60.33 3.27 -2.10	58.02 3.23 0.00	48.39 2.69 0.00	42.43 2.34 0.00	47.52 2.74 0.00	57.87 3.77 0.00	69.81 4.56 0.00	83.36 4.84 -5.89	118.41 6.67 -6.51	128.51 6.33 -21.68	125.31 7.19 -0.01
HUNTLEY___63 23557	63.34 -4.24 0.00	41.51 -2.91 0.00	36.52 -2.57 0.00	35.96 -2.46 0.00	40.46 -2.38 0.00	46.62 -3.60 0.00	51.33 -5.20 0.00	57.44 -6.49 0.00	72.60 -7.77 0.00	50.24 -4.71 0.00	50.38 -4.41 0.00	42.05 -3.64 0.00	36.92 -3.18 0.00	41.44 -3.35 0.00	49.65 -4.45 0.00	59.47 -5.78 0.00	65.45 -7.19 0.00	95.91 -9.33 0.00	90.73 -9.77 0.00	107.22 -10.89 0.00
HUNTLEY___64 23558	63.34 -4.24 0.00	41.51 -2.91 0.00	36.52 -2.57 0.00	35.96 -2.46 0.00	40.46 -2.38 0.00	46.62 -3.60 0.00	51.33 -5.20 0.00	57.44 -6.49 0.00	72.60 -7.77 0.00	50.24 -4.71 0.00	50.38 -4.41 0.00	42.05 -3.64 0.00	36.92 -3.18 0.00	41.44 -3.35 0.00	49.65 -4.45 0.00	59.47 -5.78 0.00	65.45 -7.19 0.00	95.91 -9.33 0.00	90.73 -9.77 0.00	107.22 -10.89 0.00
HUNTLEY___65 23559	63.34 -4.24 0.00	41.51 -2.91 0.00	36.52 -2.57 0.00	35.96 -2.46 0.00	40.46 -2.38 0.00	46.62 -3.60 0.00	51.33 -5.20 0.00	57.44 -6.49 0.00	72.60 -7.77 0.00	50.24 -4.71 0.00	50.38 -4.41 0.00	42.05 -3.64 0.00	36.92 -3.18 0.00	41.44 -3.35 0.00	49.65 -4.45 0.00	59.47 -5.78 0.00	65.45 -7.19 0.00	95.91 -9.33 0.00	90.73 -9.77 0.00	107.22 -10.89 0.00
HUNTLEY___66 23560	63.34 -4.24 0.00	41.51 -2.91 0.00	36.52 -2.57 0.00	35.96 -2.46 0.00	40.46 -2.38 0.00	46.62 -3.60 0.00	51.33 -5.20 0.00	57.44 -6.49 0.00	72.60 -7.77 0.00	50.24 -4.71 0.00	50.38 -4.41 0.00	42.05 -3.64 0.00	36.92 -3.18 0.00	41.44 -3.35 0.00	49.65 -4.45 0.00	59.47 -5.78 0.00	65.45 -7.19 0.00	95.91 -9.33 0.00	90.73 -9.77 0.00	107.22 -10.89 0.00
HUNTLEY___67 23561	63.18 -4.40 0.00	41.43 -2.99 0.00	36.45 -2.65 0.00	35.89 -2.53 0.00	40.36 -2.48 0.00	46.45 -3.77 0.00	51.26 -5.27 0.00	57.40 -6.53 0.00	72.54 -7.83 0.00	50.16 -4.79 0.00	50.29 -4.50 0.00	41.98 -3.72 0.00	36.84 -3.25 0.00	41.35 -3.43 0.00	49.57 -4.53 0.00	59.46 -5.79 0.00	65.45 -7.19 0.00	95.87 -9.36 0.00	90.84 -9.66 0.00	107.34 -10.77 0.00
HUNTLEY___68 23562	63.18 -4.40 0.00	41.43 -2.99 0.00	36.45 -2.65 0.00	35.89 -2.53 0.00	40.36 -2.48 0.00	46.45 -3.77 0.00	51.26 -5.27 0.00	57.40 -6.53 0.00	72.54 -7.83 0.00	50.16 -4.79 0.00	50.29 -4.50 0.00	41.98 -3.72 0.00	36.84 -3.25 0.00	41.35 -3.43 0.00	49.57 -4.53 0.00	59.46 -5.79 0.00	65.45 -7.19 0.00	95.87 -9.36 0.00	90.84 -9.66 0.00	107.34 -10.77 0.00

HYLAND___LFGE 323620	68.29	44.72	39.43	38.71	43.23	49.66	55.14	62.25	78.21	52.23	51.25	42.72	37.01	41.69	50.57	62.24	70.16	102.98	97.97	115.95
	0.72	0.30	0.33	0.29	0.39	-0.56	-1.38	-1.69	-2.16	-2.72	-3.55	-2.97	-3.09	-3.10	-3.53	-3.01	-2.48	-2.25	-2.53	-2.16
	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	0.00	0.00	0.00	0.00	0.00
INDECK___CORINTH 23802	69.83	45.89	40.35	39.60	44.13	52.09	59.05	66.72	83.64	56.64	56.14	46.99	41.13	46.20	56.02	68.11	76.25	110.40	105.68	124.25
	2.25	1.47	1.26	1.18	1.29	1.86	2.53	2.79	3.27	1.69	1.35	1.30	1.04	1.41	1.92	2.86	3.61	5.16	5.17	6.14
	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	0.00	0.00	0.00	0.00	0.00
INDECK___ILION 23567	68.75	45.21	39.79	39.13	43.66	51.36	58.02	65.75	82.40	55.74	55.42	46.18	40.52	45.19	54.78	66.81	74.87	108.54	103.52	121.76
	1.18	0.80	0.69	0.71	0.82	1.14	1.49	1.82	2.03	0.79	0.63	0.49	0.42	0.41	0.68	1.56	2.24	3.30	3.02	3.65
	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	0.00	0.00	0.00	0.00	0.00
INDECK___OLEAN 23982	61.56	40.75	35.11	34.54	39.41	47.20	52.83	60.79	76.51	52.78	52.68	43.91	38.47	43.30	51.91	62.65	68.64	100.36	95.49	112.87
	-1.48	-0.99	-1.03	-0.88	-0.79	-1.87	-2.43	-3.15	-3.86	-2.17	-2.12	-1.78	-1.62	-1.49	-2.19	-2.60	-4.00	-4.88	-5.01	-5.23
	4.53	2.67	2.95	3.01	2.64	1.16	1.26	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
INDECK___OSWEGO 23783	64.98	42.72	37.66	37.04	41.31	48.39	54.50	61.62	77.46	52.94	52.71	43.95	38.50	42.86	51.49	62.13	69.27	100.40	95.71	112.55
	-2.60	-1.70	-1.43	-1.38	-1.53	-1.83	-2.02	-2.32	-2.91	-2.00	-2.09	-1.74	-1.60	-1.93	-2.61	-3.12	-3.37	-4.84	-4.79	-5.56
	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	0.00	0.00	0.00	0.00	0.00
INDECK___YERKES 23781	60.34	39.75	34.57	33.97	38.74	45.89	50.53	57.49	72.64	50.28	50.43	42.09	36.95	41.48	49.70	59.53	65.50	96.00	90.83	107.33
	-4.19	-2.87	-2.54	-2.42	-2.32	-3.56	-5.14	-6.44	-7.73	-4.67	-4.37	-3.61	-3.14	-3.31	-4.40	-5.72	-7.13	-9.24	-9.67	-10.78
	3.05	1.80	1.99	2.03	1.78	0.78	0.85	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
INDIAN POINT_GT_1 24139	70.00	46.11	40.46	39.73	44.18	52.06	58.86	66.54	83.40	57.09	56.92	47.51	41.85	46.71	56.43	67.90	75.68	109.85	105.00	123.31
	2.42	1.68	1.37	1.31	1.35	1.83	2.34	2.60	3.03	2.14	2.13	1.82	1.75	1.92	2.33	2.65	3.04	4.61	4.50	5.20
	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	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_2 23659	70.00	46.11	40.46	39.73	44.18	52.06	58.86	66.54	83.40	57.09	56.92	47.51	41.85	46.71	56.43	67.90	75.68	109.85	105.00	123.31
	2.42	1.68	1.37	1.31	1.35	1.83	2.34	2.60	3.03	2.14	2.13	1.82	1.75	1.92	2.33	2.65	3.04	4.61	4.50	5.20
	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	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_3 24019	70.00	46.11	40.46	39.73	44.18	52.06	58.86	66.54	83.40	57.09	56.92	47.51	41.85	46.71	56.43	67.90	75.68	109.85	105.00	123.31
	2.42	1.68	1.37	1.31	1.35	1.83	2.34	2.60	3.03	2.14	2.13	1.82	1.75	1.92	2.33	2.65	3.04	4.61	4.50	5.20
	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	0.00	0.00	0.00	0.00	0.00
INDIAN POINT___2 23530	69.89	46.03	40.41	39.68	44.12	51.98	58.78	66.45	83.28	56.99	56.83	47.43	41.77	46.62	56.32	67.76	75.52	109.64	104.79	123.07
	2.31	1.61	1.32	1.26	1.28	1.76	2.25	2.51	2.91	2.04	2.03	1.74	1.67	1.83	2.22	2.51	2.88	4.40	4.29	4.96
	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	0.00	0.00	0.00	0.00	0.00
INDIAN POINT___3 23531	69.92	46.06	40.42	39.69	44.13	51.98	58.78	66.45	83.29	57.00	56.84	47.44	41.78	46.64	56.34	67.79	75.56	109.67	104.80	123.18
	2.34	1.64	1.33	1.27	1.29	1.76	2.26	2.51	2.92	2.05	2.05	1.74	1.68	1.85	2.24	2.54	2.92	4.43	4.30	5.07
	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	0.00	0.00	0.00	0.00	0.00
INGHAM_C_115KV_TB7 356103	70.37	46.26	40.68	40.04	44.71	52.73	59.73	67.85	84.69	56.47	55.93	46.58	40.89	45.57	55.46	68.55	77.40	112.36	107.04	126.00
	2.79	1.85	1.58	1.62	1.87	2.51	3.21	3.91	4.32	1.52	1.14	0.88	0.79	0.78	1.36	3.30	4.76	7.12	6.54	7.89
	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	0.00	0.00	0.00	0.00	0.00
IP CORINTH___1 23988	70.22	46.15	40.56	39.83	44.38	52.39	59.38	67.10	84.09	56.96	56.46	47.25	41.36	46.45	56.34	68.48	76.67	111.01	106.27	124.85
	2.65	1.73	1.47	1.41	1.54	2.17	2.86	3.16	3.72	2.01	1.67	1.56	1.26	1.66	2.24	3.23	4.03	5.78	5.77	6.74
	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	0.00	0.00	0.00	0.00	0.00
IP___TICONDEROGA 23804	72.93	48.06	42.29	41.52	46.28	54.99	62.87	71.15	88.68	60.04	58.69	49.51	43.62	48.98	60.17	73.33	82.27	118.92	113.84	133.72
	5.35	3.64	3.20	3.10	3.44	4.77	6.35	7.21	8.31	5.09	3.90	3.82	3.53	4.19	6.07	8.08	9.63	13.68	13.34	15.62
	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	0.00	0.00	0.00	0.00	0.00
ISLIP_RES_REC 323679	72.38	47.39	41.58	40.66	45.18	53.72	60.76	68.55	87.33	60.90	58.52	48.78	42.76	47.91	58.36	70.51	85.05	128.28	132.14	125.77
	4.80	2.98	2.49	2.24	2.35	3.50	4.24	4.61	4.67	3.85	3.73	3.09	2.66	3.13	4.25	5.26	5.60	7.81	7.04	7.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	-2.11	0.00	0.00	0.00	0.00	0.00	-6.81	-15.23	-24.60	-0.01

JAMAICA__27_KV_LOAD 355505	70.71 3.13 0.00	46.72 2.30 0.00	40.97 1.88 0.00	40.18 1.76 0.00	44.63 1.79 0.00	52.67 2.45 0.00	59.86 3.34 0.00	67.68 3.75 0.00	84.93 4.56 0.00	58.06 3.11 0.00	57.86 3.06 0.00	48.36 2.66 0.00	42.74 2.64 0.00	47.54 2.75 0.00	57.27 3.17 0.00	68.79 3.54 0.00	76.64 4.00 0.00	111.52 6.29 0.00	106.57 6.08 0.00	125.19 7.08 0.00
JANIS__SOLAR 323808	69.61 1.06 -0.97	45.60 0.61 -0.57	40.39 0.67 -0.63	39.95 0.89 -0.64	44.61 1.21 -0.56	52.05 1.58 -0.25	59.02 2.23 -0.27	66.82 2.89 0.00	84.04 3.67 0.00	56.45 1.50 0.00	55.29 0.49 0.00	45.91 0.22 0.00	39.99 -0.11 0.00	44.77 -0.02 0.00	54.77 0.67 0.00	67.00 1.75 0.00	75.14 2.50 0.00	109.37 4.14 0.00	103.90 3.40 0.00	122.23 4.12 0.00
JARVIS____ 23743	67.65 0.07 0.00	44.46 0.04 0.00	39.13 0.04 0.00	38.46 0.04 0.00	42.88 0.04 0.00	50.32 0.09 0.00	56.70 0.18 0.00	64.13 0.19 0.00	80.58 0.21 0.00	55.01 0.06 0.00	54.80 0.00 0.00	45.69 0.00 0.00	40.08 -0.02 0.00	44.74 -0.04 0.00	54.10 0.00 0.00	65.34 0.09 0.00	72.81 0.17 0.00	105.45 0.21 0.00	100.71 0.21 0.00	118.35 0.24 0.00
JENNISON____1 23625	67.47 -0.11 0.00	44.40 -0.02 0.00	39.41 0.32 0.00	38.95 0.53 0.00	43.49 0.65 0.00	51.23 1.01 0.00	58.01 1.49 0.00	66.20 2.26 0.00	84.05 3.68 0.00	57.14 2.19 0.00	56.33 1.54 0.00	46.82 1.13 0.00	40.85 0.75 0.00	45.67 0.88 0.00	55.49 1.39 0.00	67.62 2.37 0.00	75.12 2.49 0.00	108.69 3.46 0.00	102.95 2.45 0.00	121.05 2.94 0.00
JENNISON____2 23626	67.47 -0.11 0.00	44.40 -0.02 0.00	39.41 0.32 0.00	38.95 0.53 0.00	43.49 0.65 0.00	51.23 1.01 0.00	58.01 1.49 0.00	66.20 2.26 0.00	84.05 3.68 0.00	57.14 2.19 0.00	56.33 1.54 0.00	46.82 1.13 0.00	40.85 0.75 0.00	45.67 0.88 0.00	55.49 1.39 0.00	67.62 2.37 0.00	75.12 2.49 0.00	108.69 3.46 0.00	102.95 2.45 0.00	121.05 2.94 0.00
JERICOHO_RISE_WT_PWR 323719	68.21 0.63 0.00	44.84 0.42 0.00	39.49 0.40 0.00	38.95 0.53 0.00	43.52 0.68 0.00	50.87 0.64 0.00	57.01 0.49 0.00	65.06 1.11 0.00	81.96 1.59 0.00	56.42 1.47 0.00	56.63 1.84 0.00	47.16 1.46 0.00	41.35 1.25 0.00	46.30 1.51 0.00	55.91 1.81 0.00	67.11 1.86 0.00	74.21 1.57 0.00	107.24 2.00 0.00	102.44 1.94 0.00	120.34 2.23 0.00
KATONAH__115KV_46KV_TB4 355592	70.57 2.99 0.00	46.46 2.04 0.00	40.77 1.68 0.00	40.04 1.62 0.00	44.54 1.70 0.00	52.47 2.25 0.00	59.35 2.83 0.00	67.10 3.17 0.00	84.13 3.76 0.00	57.60 2.65 0.00	57.43 2.63 0.00	47.92 2.22 0.00	42.20 2.10 0.00	47.12 2.33 0.00	56.91 2.81 0.00	68.51 3.26 0.00	76.39 3.75 0.00	110.85 5.62 0.00	106.00 5.50 0.00	124.49 6.38 0.00
KCE_NY_1 323755	70.66 3.09 0.00	46.29 1.87 0.00	40.70 1.60 0.00	39.96 1.54 0.00	44.52 1.68 0.00	52.39 2.17 0.00	59.27 2.75 0.00	66.94 3.00 0.00	83.97 3.61 0.00	56.97 2.02 0.00	56.55 1.75 0.00	47.27 1.57 0.00	41.48 1.38 0.00	46.55 1.76 0.00	56.35 2.25 0.00	68.47 3.22 0.00	76.48 3.85 0.00	110.75 5.51 0.00	105.85 5.35 0.00	124.48 6.37 0.00
KCE_NY_6_ESR 323823	60.98 -3.17 3.42	40.24 -2.17 2.02	34.91 -1.95 2.23	34.32 -1.83 2.27	39.19 -1.65 2.00	46.53 -2.82 0.88	51.46 -4.10 0.95	58.64 -5.30 0.00	74.10 -6.27 0.00	51.20 -3.75 0.00	51.29 -3.51 0.00	42.79 -2.90 0.00	37.49 -2.61 0.00	42.12 -2.66 0.00	50.48 -3.62 0.00	60.68 -4.57 0.00	66.76 -5.88 0.00	97.84 -7.40 0.00	92.79 -7.71 0.00	109.69 -8.41 0.00
KEDC_PORT_JEFF_GT2 24210	71.98 4.40 0.00	47.15 2.73 0.00	41.35 2.26 0.00	40.43 2.02 0.00	44.93 2.09 0.00	53.40 3.18 0.00	60.37 3.85 0.00	68.08 4.15 0.00	86.75 4.11 -2.28	60.51 3.47 -2.10	58.19 3.40 0.00	48.51 2.82 0.00	42.54 2.44 0.00	47.65 2.86 0.00	58.03 3.92 0.00	70.05 4.80 0.00	84.44 5.06 -6.74	127.14 6.99 -14.91	131.25 6.38 -24.37	125.18 7.06 -0.01
KEDC_PORT_JEFF_GT3 24211	71.98 4.40 0.00	47.15 2.73 0.00	41.35 2.26 0.00	40.43 2.02 0.00	44.93 2.09 0.00	53.40 3.18 0.00	60.37 3.85 0.00	68.08 4.15 0.00	86.75 4.11 -2.28	60.51 3.47 -2.10	58.19 3.40 0.00	48.51 2.82 0.00	42.54 2.44 0.00	47.65 2.86 0.00	58.03 3.92 0.00	70.05 4.80 0.00	84.44 5.06 -6.74	127.14 6.99 -14.91	131.25 6.38 -24.37	125.18 7.06 -0.01
KEDC_GLWD_GT4 24219	71.04 3.46 0.00	46.70 2.28 0.00	40.96 1.87 0.00	40.17 1.75 0.00	44.66 1.82 0.00	52.76 2.54 0.00	59.63 3.11 0.00	67.34 3.40 0.00	87.70 3.73 -3.61	61.21 2.94 -3.33	57.77 2.97 0.00	48.19 2.50 0.00	42.39 2.29 0.00	47.39 2.60 0.00	57.39 3.29 0.00	69.03 3.78 0.00	86.44 4.18 -9.63	124.66 6.09 -13.32	141.73 5.94 -35.29	125.08 6.96 -0.02
KEDC_GLWD_GT5 24220	71.04 3.46 0.00	46.70 2.28 0.00	40.96 1.87 0.00	40.17 1.75 0.00	44.66 1.82 0.00	52.76 2.54 0.00	59.63 3.11 0.00	67.34 3.40 0.00	87.70 3.73 -3.61	61.21 2.94 -3.33	57.77 2.97 0.00	48.19 2.50 0.00	42.39 2.29 0.00	47.39 2.60 0.00	57.39 3.29 0.00	69.03 3.78 0.00	86.44 4.18 -9.63	124.66 6.09 -13.32	141.73 5.94 -35.29	125.08 6.96 -0.02
KENSICO____ 23655	70.22 2.65 0.00	46.25 1.83 0.00	40.59 1.50 0.00	39.86 1.44 0.00	44.32 1.48 0.00	52.22 1.99 0.00	59.06 2.54 0.00	66.76 2.81 0.00	83.69 3.32 0.00	57.31 2.36 0.00	57.15 2.36 0.00	47.71 2.01 0.00	42.02 1.92 0.00	46.91 2.12 0.00	56.66 2.56 0.00	68.18 2.93 0.00	75.96 3.32 0.00	110.22 4.99 0.00	105.34 4.84 0.00	123.78 5.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	70.99 3.41 0.00	46.70 2.28 0.00	41.00 1.91 0.00	40.29 1.87 0.00	44.86 2.02 0.00	52.84 2.62 0.00	59.83 3.31 0.00	67.67 3.73 0.00	84.83 4.46 0.00	57.83 2.88 0.00	57.44 2.65 0.00	47.78 2.09 0.00	42.02 1.92 0.00	46.97 2.18 0.00	56.88 2.78 0.00	68.82 3.57 0.00	76.90 4.26 0.00	111.78 6.55 0.00	106.89 6.39 0.00	125.55 7.44 0.00

KIAC_JFK_GT1 23816	70.27 2.70 0.00	46.42 2.00 0.00	40.72 1.63 0.00	39.93 1.52 0.00	44.35 1.52 0.00	52.31 2.08 0.00	59.43 2.91 0.00	67.13 3.19 0.00	84.06 3.69 0.00	57.48 2.53 0.00	57.29 2.49 0.00	47.97 2.28 0.00	42.38 2.29 0.00	47.13 2.35 0.00	56.72 2.62 0.00	68.10 2.85 0.00	75.84 3.21 0.00	110.37 5.13 0.00	105.47 4.96 0.00	123.89 5.78 0.00
KIAC_JFK_GT2 23817	70.27 2.70 0.00	46.42 2.00 0.00	40.72 1.63 0.00	39.93 1.52 0.00	44.35 1.52 0.00	52.31 2.08 0.00	59.43 2.91 0.00	67.13 3.19 0.00	84.06 3.69 0.00	57.48 2.53 0.00	57.29 2.49 0.00	47.97 2.28 0.00	42.38 2.29 0.00	47.13 2.35 0.00	56.72 2.62 0.00	68.10 2.85 0.00	75.84 3.21 0.00	110.37 5.13 0.00	105.47 4.96 0.00	123.89 5.78 0.00
KIAC_JFK____ 323774	70.27 2.69 0.00	46.42 2.00 0.00	40.72 1.63 0.00	39.93 1.51 0.00	44.34 1.51 0.00	52.31 2.08 0.00	59.43 2.91 0.00	67.13 3.19 0.00	84.06 3.69 0.00	57.48 2.53 0.00	57.29 2.50 0.00	47.96 2.27 0.00	42.38 2.29 0.00	47.13 2.34 0.00	56.72 2.62 0.00	68.10 2.85 0.00	75.86 3.22 0.00	110.37 5.13 0.00	105.46 4.96 0.00	123.89 5.78 0.00
KINTIGH__24_KV_GSU 356498	60.48 -4.64 2.45	39.84 -3.13 1.44	34.76 -2.74 1.60	34.15 -2.65 1.63	38.73 -2.68 1.43	45.72 -3.87 0.63	50.63 -5.20 0.68	57.66 -6.28 0.00	72.76 -7.61 0.00	50.25 -4.70 0.00	50.37 -4.42 0.00	42.01 -3.68 0.00	36.86 -3.24 0.00	41.34 -3.45 0.00	49.66 -4.44 0.00	59.61 -5.63 0.00	65.78 -6.86 0.00	96.20 -9.04 0.00	91.19 -9.31 0.00	107.58 -10.52 0.00
KINTIGH____ 23543	62.89 -4.69 0.00	41.24 -3.18 0.00	36.32 -2.77 0.00	35.74 -2.68 0.00	40.12 -2.72 0.00	46.32 -3.90 0.00	51.27 -5.25 0.00	57.62 -6.32 0.00	72.73 -7.64 0.00	50.20 -4.75 0.00	50.33 -4.46 0.00	41.98 -3.72 0.00	36.84 -3.25 0.00	41.31 -3.48 0.00	49.62 -4.49 0.00	59.58 -5.67 0.00	65.74 -6.90 0.00	96.12 -9.12 0.00	91.15 -9.35 0.00	107.58 -10.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	69.39 1.81 0.00	45.65 1.23 0.00	40.18 1.08 0.00	39.64 1.22 0.00	44.30 1.46 0.00	51.88 1.66 0.00	58.25 1.73 0.00	66.44 2.50 0.00	83.66 3.29 0.00	57.46 2.51 0.00	57.66 2.86 0.00	48.03 2.34 0.00	42.18 2.08 0.00	47.22 2.43 0.00	57.01 2.91 0.00	68.47 3.23 0.00	75.84 3.20 0.00	109.79 4.55 0.00	104.62 4.12 0.00	122.92 4.81 0.00
LACHUTE____HYDRO 323717	72.93 5.35 0.00	48.06 3.64 0.00	42.29 3.20 0.00	41.52 3.10 0.00	46.28 3.44 0.00	54.99 4.77 0.00	62.87 6.34 0.00	71.15 7.21 0.00	88.68 8.31 0.00	60.04 5.09 0.00	58.69 3.90 0.00	49.51 3.82 0.00	43.62 3.53 0.00	48.98 4.19 0.00	60.17 6.07 0.00	73.32 8.07 0.00	82.27 9.63 0.00	118.92 13.68 0.00	113.83 13.33 0.00	133.72 15.62 0.00
LAWRNCALV_115KV_TB1 80681	69.49 1.91 0.00	45.75 1.33 0.00	40.33 1.24 0.00	39.65 1.23 0.00	44.32 1.48 0.00	51.85 1.63 0.00	58.12 1.60 0.00	66.06 2.12 0.00	83.16 2.79 0.00	57.16 2.21 0.00	57.23 2.44 0.00	47.71 2.02 0.00	41.71 1.61 0.00	46.51 1.72 0.00	56.05 1.95 0.00	67.12 1.88 0.00	74.23 1.59 0.00	107.41 2.17 0.00	102.48 1.98 0.00	120.13 2.02 0.00
LEDERLE____ 23769	70.14 2.56 0.00	46.19 1.77 0.00	40.54 1.45 0.00	39.80 1.38 0.00	44.27 1.43 0.00	52.15 1.93 0.00	59.00 2.48 0.00	66.71 2.77 0.00	83.63 3.26 0.00	57.19 2.24 0.00	57.04 2.24 0.00	47.59 1.90 0.00	41.90 1.80 0.00	46.79 2.00 0.00	56.52 2.42 0.00	68.01 2.76 0.00	75.82 3.18 0.00	110.12 4.88 0.00	105.23 4.73 0.00	123.66 5.55 0.00
LIGHTHSE_115KV_TB6 355974	65.96 -1.61 0.00	43.46 -0.96 0.00	38.44 -0.65 0.00	37.86 -0.56 0.00	42.26 -0.58 0.00	49.51 -0.71 0.00	55.81 -0.71 0.00	63.14 -0.80 0.00	79.39 -0.98 0.00	54.22 -0.73 0.00	54.00 -0.80 0.00	45.07 -0.62 0.00	39.18 -0.91 0.00	43.56 -1.23 0.00	52.49 -1.61 0.00	63.59 -1.66 0.00	71.16 -1.48 0.00	102.95 -2.29 0.00	97.84 -2.66 0.00	114.92 -3.19 0.00
LINDEN COGEN____ 23786	70.16 2.58 0.00	46.28 1.87 0.00	40.61 1.52 0.00	39.85 1.44 0.00	44.30 1.46 0.00	52.23 2.01 0.00	59.06 2.53 0.00	66.77 2.83 0.00	83.76 3.39 0.00	57.36 2.42 0.00	57.22 2.43 0.00	47.77 2.08 0.00	42.13 2.03 0.00	46.99 2.20 0.00	56.75 2.65 0.00	68.18 2.93 0.00	75.88 3.24 0.00	110.33 5.09 0.00	105.43 4.93 0.00	123.78 5.67 0.00
LINDHRST_69_KV_BK1 356055	72.01 4.43 0.00	47.19 2.77 0.00	41.40 2.30 0.00	40.49 2.07 0.00	45.01 2.17 0.00	53.39 3.16 0.00	60.28 3.76 0.00	68.04 4.10 0.00	87.00 4.13 -2.51	60.72 3.46 -2.31	58.23 3.44 0.00	48.55 2.86 0.00	42.59 2.49 0.00	47.72 2.93 0.00	58.07 3.97 0.00	69.95 4.70 0.00	84.69 5.12 -6.93	124.15 7.26 -11.65	132.79 7.02 -25.28	126.25 8.13 -0.01
LIPA_MISC_IPP 23656	71.90 4.33 0.00	47.11 2.69 0.00	41.33 2.24 0.00	40.41 2.00 0.00	44.92 2.08 0.00	53.38 3.15 0.00	60.35 3.83 0.00	68.04 4.10 0.00	86.51 3.88 -2.27	60.36 3.32 -2.09	58.04 3.25 0.00	48.38 2.69 0.00	42.42 2.32 0.00	47.57 2.78 0.00	57.98 3.88 0.00	70.07 4.82 0.00	84.59 5.06 -6.89	128.56 6.86 -16.46	131.42 6.09 -24.83	124.60 6.48 -0.01
LISF__SOLAR 323691	72.08 4.51 0.00	47.23 2.81 0.00	41.44 2.34 0.00	40.51 2.09 0.00	45.04 2.20 0.00	53.53 3.30 0.00	60.53 4.01 0.00	68.23 4.29 0.00	86.78 4.14 -2.27	60.49 3.45 -2.09	58.14 3.34 0.00	48.43 2.74 0.00	42.47 2.38 0.00	47.64 2.85 0.00	58.08 3.98 0.00	70.25 5.00 0.00	84.78 5.27 -6.87	128.64 7.18 -16.21	131.65 6.38 -24.76	124.94 6.82 -0.01
LITTLE FALLS__HYD 24013	70.37 2.79 0.00	46.26 1.85 0.00	40.68 1.58 0.00	40.04 1.62 0.00	44.71 1.87 0.00	52.73 2.51 0.00	59.73 3.21 0.00	67.85 3.91 0.00	84.69 4.32 0.00	56.47 1.52 0.00	55.93 1.14 0.00	46.58 0.88 0.00	40.89 0.79 0.00	45.57 0.78 0.00	55.46 1.36 0.00	68.55 3.30 0.00	77.40 4.76 0.00	112.36 7.12 0.00	107.04 6.54 0.00	126.00 7.89 0.00

LITTLRIV_115KV_TB1 356100	70.37 2.80 0.00	46.32 1.90 0.00	40.82 1.73 0.00	40.13 1.72 0.00	44.88 2.04 0.00	52.50 2.28 0.00	58.91 2.39 0.00	66.97 3.03 0.00	84.30 3.93 0.00	57.98 3.03 0.00	58.05 3.26 0.00	48.40 2.70 0.00	42.34 2.25 0.00	47.12 2.34 0.00	56.66 2.55 0.00	67.92 2.67 0.00	75.18 2.54 0.00	108.86 3.62 0.00	103.85 3.35 0.00	121.77 3.66 0.00
LI_NEWBRDGE___DRP 323616	70.79 3.21 0.00	46.46 2.05 0.00	40.73 1.64 0.00	39.89 1.47 0.00	44.35 1.51 0.00	52.52 2.29 0.00	59.31 2.79 0.00	66.90 2.97 0.00	85.28 2.78 -2.13	59.48 2.57 -1.96	57.43 2.63 0.00	47.90 2.21 0.00	42.06 1.96 0.00	47.06 2.28 0.00	57.14 3.03 0.00	68.77 3.52 0.00	82.04 3.73 -5.67	118.37 5.28 -7.85	126.46 5.16 -20.80	124.12 6.00 -0.01
LOCKPORT_115KV_TB60_63_64 80432	62.44 -5.14 0.00	40.92 -3.50 0.00	36.01 -3.08 0.00	35.44 -2.98 0.00	39.91 -2.93 0.00	46.03 -4.19 0.00	50.48 -6.04 0.00	56.58 -7.36 0.00	71.58 -8.79 0.00	49.58 -5.37 0.00	49.75 -5.04 0.00	41.54 -4.15 0.00	36.48 -3.62 0.00	40.95 -3.83 0.00	49.11 -4.99 0.00	58.62 -6.63 0.00	64.43 -8.21 0.00	94.40 -10.84 0.00	89.37 -11.13 0.00	105.57 -12.54 0.00
LOCKPORT___CC1 323769	59.56 -5.30 2.72	39.24 -3.57 1.61	34.17 -3.15 1.77	33.57 -3.04 1.81	38.24 -3.01 1.59	45.16 -4.37 0.70	49.53 -6.23 0.76	56.35 -7.59 0.00	71.25 -9.12 0.00	49.36 -5.59 0.00	49.52 -5.28 0.00	41.34 -4.35 0.00	36.31 -3.79 0.00	40.77 -4.02 0.00	48.86 -5.24 0.00	58.40 -6.85 0.00	64.18 -8.46 0.00	94.01 -11.23 0.00	89.03 -11.47 0.00	105.22 -12.89 0.00
LOCKPORT___CC2 323770	59.56 -5.30 2.72	39.24 -3.57 1.61	34.17 -3.15 1.77	33.57 -3.04 1.81	38.24 -3.01 1.59	45.16 -4.37 0.70	49.53 -6.23 0.76	56.35 -7.59 0.00	71.25 -9.12 0.00	49.36 -5.59 0.00	49.52 -5.28 0.00	41.34 -4.35 0.00	36.31 -3.79 0.00	40.77 -4.02 0.00	48.86 -5.24 0.00	58.40 -6.85 0.00	64.18 -8.46 0.00	94.01 -11.23 0.00	89.03 -11.47 0.00	105.22 -12.89 0.00
LOCKPORT___CC3 323771	59.56 -5.30 2.72	39.24 -3.57 1.61	34.17 -3.15 1.77	33.57 -3.04 1.81	38.24 -3.01 1.59	45.16 -4.37 0.70	49.53 -6.23 0.76	56.35 -7.59 0.00	71.25 -9.12 0.00	49.36 -5.59 0.00	49.52 -5.28 0.00	41.34 -4.35 0.00	36.31 -3.79 0.00	40.77 -4.02 0.00	48.86 -5.24 0.00	58.40 -6.85 0.00	64.18 -8.46 0.00	94.01 -11.23 0.00	89.03 -11.47 0.00	105.22 -12.89 0.00
LOCUSVLY_69_KV_BK2 55797	71.40 3.82 0.00	46.88 2.46 0.00	41.11 2.02 0.00	40.27 1.85 0.00	44.77 1.93 0.00	52.97 2.75 0.00	59.82 3.30 0.00	67.56 3.62 0.00	87.42 3.80 -3.25	61.07 3.12 -3.00	57.97 3.18 0.00	48.36 2.66 0.00	42.50 2.40 0.00	47.54 2.75 0.00	57.66 3.56 0.00	69.37 4.12 0.00	85.60 4.46 -8.50	122.00 6.43 -10.34	138.02 6.28 -31.24	125.44 7.31 -0.01
LONG_LAKE_PHOENIX 24014	64.91 -2.67 0.00	42.64 -1.78 0.00	37.58 -1.52 0.00	36.95 -1.47 0.00	41.21 -1.62 0.00	48.27 -1.95 0.00	54.39 -2.13 0.00	61.51 -2.43 0.00	77.36 -3.01 0.00	52.85 -2.10 0.00	52.62 -2.17 0.00	43.86 -1.84 0.00	38.44 -1.65 0.00	42.87 -1.92 0.00	51.70 -2.41 0.00	62.56 -2.69 0.00	69.73 -2.91 0.00	101.22 -4.02 0.00	96.53 -3.98 0.00	113.50 -4.61 0.00
LOVETT___3 23632	69.76 2.18 0.00	45.94 1.53 0.00	40.33 1.24 0.00	39.61 1.19 0.00	44.04 1.20 0.00	51.88 1.66 0.00	58.66 2.14 0.00	66.31 2.37 0.00	83.10 2.73 0.00	56.87 1.92 0.00	56.71 1.91 0.00	47.32 1.63 0.00	41.68 1.58 0.00	46.52 1.73 0.00	56.19 2.09 0.00	67.61 2.36 0.00	75.35 2.71 0.00	109.39 4.15 0.00	104.56 4.06 0.00	122.83 4.73 0.00
LOVETT___4 23642	69.76 2.18 0.00	45.94 1.53 0.00	40.33 1.24 0.00	39.61 1.19 0.00	44.04 1.20 0.00	51.88 1.66 0.00	58.66 2.14 0.00	66.31 2.37 0.00	83.10 2.73 0.00	56.87 1.92 0.00	56.71 1.91 0.00	47.32 1.63 0.00	41.68 1.58 0.00	46.52 1.73 0.00	56.19 2.09 0.00	67.61 2.36 0.00	75.35 2.71 0.00	109.39 4.15 0.00	104.56 4.06 0.00	122.83 4.73 0.00
LOVETT___5 23593	69.76 2.18 0.00	45.94 1.53 0.00	40.33 1.24 0.00	39.61 1.19 0.00	44.04 1.20 0.00	51.88 1.66 0.00	58.66 2.14 0.00	66.31 2.37 0.00	83.10 2.73 0.00	56.87 1.92 0.00	56.71 1.91 0.00	47.32 1.63 0.00	41.68 1.58 0.00	46.52 1.73 0.00	56.19 2.09 0.00	67.61 2.36 0.00	75.35 2.71 0.00	109.39 4.15 0.00	104.56 4.06 0.00	122.83 4.73 0.00
LOWER RAQUET___HYD 24057	69.50 1.92 0.00	45.75 1.33 0.00	40.34 1.25 0.00	39.66 1.25 0.00	44.35 1.51 0.00	51.89 1.67 0.00	58.17 1.65 0.00	66.14 2.20 0.00	83.26 2.89 0.00	57.23 2.28 0.00	57.32 2.53 0.00	47.78 2.08 0.00	41.75 1.65 0.00	46.52 1.74 0.00	56.06 1.96 0.00	67.10 1.85 0.00	74.15 1.52 0.00	107.28 2.04 0.00	102.36 1.86 0.00	119.99 1.88 0.00
LOWER___HUDSON 24059	69.68 2.10 0.00	45.73 1.31 0.00	40.17 1.07 0.00	39.41 1.00 0.00	43.87 1.03 0.00	51.63 1.41 0.00	58.29 1.77 0.00	65.78 1.85 0.00	82.59 2.22 0.00	56.15 1.20 0.00	55.79 1.00 0.00	46.64 0.95 0.00	41.00 0.90 0.00	45.85 1.06 0.00	55.53 1.43 0.00	67.16 1.91 0.00	75.07 2.43 0.00	108.59 3.35 0.00	103.95 3.45 0.00	122.24 4.13 0.00
LOWVILLE_115KV_TB2 356335	68.03 0.45 0.00	44.86 0.44 0.00	39.95 0.86 0.00	39.46 1.04 0.00	44.03 1.19 0.00	51.69 1.47 0.00	58.47 1.95 0.00	66.37 2.43 0.00	83.44 3.06 0.00	56.95 2.00 0.00	56.71 1.92 0.00	47.18 1.49 0.00	40.65 0.55 0.00	44.97 0.18 0.00	54.31 0.21 0.00	65.67 0.42 0.00	74.18 1.54 0.00	107.14 1.90 0.00	101.87 1.37 0.00	119.31 1.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	70.53 2.95 0.00	46.28 1.86 0.00	40.68 1.59 0.00	39.94 1.52 0.00	44.49 1.65 0.00	52.37 2.15 0.00	59.23 2.71 0.00	66.90 2.96 0.00	83.92 3.55 0.00	56.92 1.97 0.00	56.54 1.75 0.00	47.25 1.56 0.00	41.46 1.36 0.00	46.48 1.69 0.00	56.31 2.20 0.00	68.35 3.11 0.00	76.41 3.77 0.00	110.64 5.40 0.00	105.82 5.32 0.00	124.37 6.26 0.00

LUTHERNY_35_KV_BK2 355980	70.66 3.08 0.00	46.29 1.87 0.00	40.69 1.60 0.00	39.96 1.54 0.00	44.52 1.68 0.00	52.40 2.17 0.00	59.27 2.75 0.00	66.94 3.00 0.00	83.97 3.61 0.00	56.97 2.02 0.00	56.55 1.75 0.00	47.27 1.57 0.00	41.48 1.38 0.00	46.55 1.76 0.00	56.35 2.25 0.00	68.47 3.23 0.00	76.49 3.85 0.00	110.76 5.52 0.00	105.85 5.35 0.00	124.49 6.38 0.00
LWR___OSWEGATCHIE_HYD 23850	68.24 0.66 0.00	44.99 0.57 0.00	39.86 0.77 0.00	39.28 0.86 0.00	43.87 1.03 0.00	51.27 1.04 0.00	57.74 1.22 0.00	65.61 1.67 0.00	82.53 2.15 0.00	56.54 1.59 0.00	56.49 1.69 0.00	47.17 1.48 0.00	40.91 0.82 0.00	45.42 0.64 0.00	54.78 0.68 0.00	65.89 0.64 0.00	73.38 0.75 0.00	106.07 0.83 0.00	100.92 0.42 0.00	118.24 0.13 0.00
LYONS_FALL_HYD 23570	68.36 0.78 0.00	45.03 0.62 0.00	39.94 0.84 0.00	39.37 0.96 0.00	43.94 1.10 0.00	51.60 1.38 0.00	58.36 1.84 0.00	66.18 2.25 0.00	83.19 2.82 0.00	56.78 1.83 0.00	56.55 1.75 0.00	47.04 1.34 0.00	40.71 0.61 0.00	45.18 0.39 0.00	54.62 0.51 0.00	66.14 0.89 0.00	74.41 1.78 0.00	107.63 2.39 0.00	102.48 1.98 0.00	120.25 2.14 0.00
MADISON___COUNTY_LFGE 323628	68.85 1.27 0.00	45.24 0.82 0.00	39.94 0.84 0.00	39.35 0.93 0.00	43.93 1.09 0.00	51.60 1.38 0.00	58.41 1.89 0.00	66.16 2.22 0.00	83.15 2.77 0.00	56.71 1.76 0.00	56.39 1.60 0.00	46.71 1.02 0.00	40.64 0.54 0.00	45.31 0.53 0.00	54.83 0.73 0.00	66.78 1.53 0.00	74.74 2.10 0.00	108.44 3.20 0.00	103.37 2.87 0.00	121.31 3.20 0.00
MALONE___115KV_TB1 356076	69.70 2.12 0.00	45.87 1.45 0.00	40.38 1.28 0.00	39.81 1.39 0.00	44.48 1.65 0.00	52.03 1.81 0.00	58.31 1.78 0.00	66.70 2.76 0.00	84.04 3.67 0.00	57.91 2.96 0.00	58.10 3.30 0.00	48.34 2.64 0.00	42.29 2.19 0.00	47.31 2.53 0.00	57.10 3.00 0.00	68.42 3.17 0.00	75.71 3.07 0.00	109.43 4.19 0.00	104.50 4.00 0.00	122.59 4.48 0.00
MAPLEWOD_115KV_TB3 80458	69.81 2.23 0.00	45.85 1.43 0.00	40.21 1.12 0.00	39.46 1.04 0.00	43.89 1.06 0.00	51.54 1.32 0.00	58.10 1.57 0.00	65.61 1.68 0.00	82.40 2.03 0.00	56.04 1.09 0.00	55.75 0.96 0.00	46.58 0.89 0.00	40.90 0.80 0.00	45.73 0.95 0.00	55.32 1.22 0.00	66.76 1.52 0.00	74.56 1.92 0.00	107.81 2.57 0.00	103.23 2.73 0.00	121.31 3.20 0.00
MAPLE_RIDGE_WT_1 323574	67.17 -0.41 0.00	44.11 -0.30 0.00	39.01 -0.08 0.00	38.39 -0.03 0.00	42.79 -0.05 0.00	50.18 -0.04 0.00	56.61 0.09 0.00	64.13 0.19 0.00	80.65 0.29 0.00	55.21 0.26 0.00	54.99 0.19 0.00	45.66 -0.04 0.00	39.79 -0.30 0.00	44.34 -0.44 0.00	53.48 -0.62 0.00	64.60 -0.65 0.00	72.27 -0.37 0.00	104.30 -0.94 0.00	99.54 -0.96 0.00	117.05 -1.06 0.00
MAPLE_RIDGE_WT_2 323611	67.17 -0.41 0.00	44.11 -0.30 0.00	39.01 -0.08 0.00	38.39 -0.03 0.00	42.79 -0.05 0.00	50.18 -0.04 0.00	56.61 0.09 0.00	64.13 0.19 0.00	80.65 0.29 0.00	55.21 0.26 0.00	54.99 0.19 0.00	45.66 -0.04 0.00	39.79 -0.30 0.00	44.34 -0.44 0.00	53.48 -0.62 0.00	64.60 -0.65 0.00	72.27 -0.37 0.00	104.30 -0.94 0.00	99.54 -0.96 0.00	117.05 -1.06 0.00
MARBLE_RIVER_WT_PWR 323696	68.15 0.58 0.00	44.81 0.39 0.00	39.47 0.38 0.00	38.94 0.52 0.00	43.52 0.68 0.00	50.89 0.67 0.00	57.01 0.49 0.00	65.03 1.09 0.00	81.96 1.59 0.00	56.37 1.42 0.00	56.52 1.73 0.00	47.11 1.42 0.00	41.34 1.25 0.00	46.26 1.47 0.00	55.86 1.75 0.00	67.09 1.84 0.00	74.22 1.58 0.00	107.26 2.02 0.00	102.37 1.87 0.00	120.34 2.23 0.00
MARSHVLE_115KV_TB1 80742	68.33 0.75 0.00	44.94 0.52 0.00	39.64 0.55 0.00	38.99 0.57 0.00	43.59 0.75 0.00	51.28 1.06 0.00	57.91 1.39 0.00	65.64 1.70 0.00	82.47 2.11 0.00	55.80 0.85 0.00	55.75 0.95 0.00	46.40 0.71 0.00	40.49 0.39 0.00	45.20 0.41 0.00	54.50 0.40 0.00	66.51 1.26 0.00	74.90 2.26 0.00	108.55 3.31 0.00	103.54 3.04 0.00	121.43 3.32 0.00
MARSH_HILL_WT_PWR 323713	64.15 -3.43 0.00	41.97 -2.45 0.00	37.31 -1.78 0.00	36.39 -2.03 0.00	40.86 -1.98 0.00	47.38 -2.84 0.00	53.53 -2.99 0.00	60.18 -3.76 0.00	75.46 -4.91 0.00	50.92 -4.03 0.00	50.37 -4.43 0.00	41.95 -3.75 0.00	36.42 -3.68 0.00	41.32 -3.47 0.00	49.26 -4.84 0.00	60.32 -4.93 0.00	67.24 -5.40 0.00	97.98 -7.26 0.00	93.67 -6.83 0.00	111.55 -6.56 0.00
MCINTYRE_115KV_TB2 80467	70.95 3.38 0.00	46.68 2.26 0.00	41.12 2.03 0.00	40.41 1.99 0.00	45.20 2.36 0.00	52.90 2.68 0.00	59.33 2.81 0.00	67.42 3.49 0.00	84.90 4.53 0.00	58.35 3.41 0.00	58.38 3.59 0.00	48.69 3.00 0.00	42.63 2.54 0.00	47.46 2.67 0.00	57.04 2.93 0.00	68.52 3.27 0.00	75.97 3.33 0.00	110.08 4.84 0.00	105.04 4.54 0.00	123.08 4.97 0.00
MECO_____69_KV_BK1 80468	70.41 2.84 0.00	46.27 1.85 0.00	40.75 1.66 0.00	40.06 1.64 0.00	44.77 1.94 0.00	52.73 2.51 0.00	59.61 3.09 0.00	67.59 3.65 0.00	84.66 4.29 0.00	56.82 1.87 0.00	56.37 1.58 0.00	46.87 1.18 0.00	40.80 0.71 0.00	45.68 0.89 0.00	55.14 1.04 0.00	67.97 2.72 0.00	77.15 4.52 0.00	111.96 6.72 0.00	106.89 6.39 0.00	125.44 7.33 0.00
MENANDS___115KV_TB5 355628	69.59 2.01 0.00	45.70 1.28 0.00	40.09 0.99 0.00	39.32 0.90 0.00	43.73 0.89 0.00	51.30 1.08 0.00	57.78 1.26 0.00	65.23 1.30 0.00	81.94 1.56 0.00	55.76 0.81 0.00	55.50 0.71 0.00	46.39 0.69 0.00	40.75 0.65 0.00	45.55 0.76 0.00	55.05 0.95 0.00	66.34 1.09 0.00	74.01 1.37 0.00	106.97 1.73 0.00	102.43 1.93 0.00	120.36 2.25 0.00
MG INDUSTRY___DRP 24185	69.46 1.88 0.00	45.67 1.25 0.00	40.11 1.01 0.00	39.38 0.96 0.00	43.81 0.97 0.00	51.36 1.14 0.00	57.83 1.31 0.00	65.27 1.34 0.00	81.97 1.59 0.00	55.65 0.70 0.00	55.37 0.58 0.00	46.26 0.56 0.00	40.62 0.52 0.00	45.40 0.61 0.00	54.89 0.79 0.00	66.32 1.08 0.00	73.99 1.35 0.00	106.99 1.75 0.00	102.36 1.86 0.00	120.35 2.24 0.00

MID___OSWEGATCHIE_HYD 23849	68.24 0.66 0.00	44.99 0.57 0.00	39.86 0.77 0.00	39.28 0.86 0.00	43.87 1.03 0.00	51.27 1.04 0.00	57.74 1.22 0.00	65.61 1.67 0.00	82.53 2.15 0.00	56.54 1.59 0.00	56.49 1.69 0.00	47.17 1.48 0.00	40.91 0.82 0.00	45.42 0.64 0.00	54.78 0.68 0.00	65.89 0.64 0.00	73.38 0.75 0.00	106.07 0.83 0.00	100.92 0.42 0.00	118.24 0.13 0.00
MID___RAQUETTE_HYD 23851	69.49 1.91 0.00	45.75 1.33 0.00	40.34 1.25 0.00	39.67 1.25 0.00	44.35 1.51 0.00	51.88 1.66 0.00	58.17 1.64 0.00	66.14 2.20 0.00	83.26 2.89 0.00	57.23 2.28 0.00	57.32 2.53 0.00	47.78 2.08 0.00	41.75 1.65 0.00	46.52 1.73 0.00	56.06 1.96 0.00	67.10 1.85 0.00	74.16 1.52 0.00	107.28 2.04 0.00	102.37 1.86 0.00	120.00 1.89 0.00
MILLIKEN___1 23584	67.70 0.12 0.00	44.43 0.01 0.00	39.14 0.04 0.00	38.53 0.11 0.00	43.11 0.27 0.00	50.49 0.27 0.00	56.97 0.45 0.00	64.62 0.67 0.00	81.11 0.74 0.00	55.12 0.17 0.00	54.49 -0.30 0.00	45.30 -0.39 0.00	39.67 -0.42 0.00	44.38 -0.40 0.00	53.86 -0.24 0.00	65.41 0.16 0.00	72.94 0.30 0.00	106.04 0.80 0.00	100.91 0.41 0.00	118.69 0.58 0.00
MILLIKEN___2 23585	67.70 0.12 0.00	44.43 0.01 0.00	39.14 0.04 0.00	38.53 0.11 0.00	43.11 0.27 0.00	50.49 0.27 0.00	56.97 0.45 0.00	64.62 0.67 0.00	81.11 0.74 0.00	55.12 0.17 0.00	54.49 -0.30 0.00	45.30 -0.39 0.00	39.67 -0.42 0.00	44.38 -0.40 0.00	53.86 -0.24 0.00	65.41 0.16 0.00	72.94 0.30 0.00	106.04 0.80 0.00	100.91 0.41 0.00	118.69 0.58 0.00
MILLIKEN___DIESEL 23629	67.70 0.12 0.00	44.43 0.01 0.00	39.14 0.04 0.00	38.53 0.11 0.00	43.11 0.27 0.00	50.49 0.27 0.00	56.97 0.45 0.00	64.62 0.67 0.00	81.11 0.74 0.00	55.12 0.17 0.00	54.49 -0.30 0.00	45.30 -0.39 0.00	39.67 -0.42 0.00	44.38 -0.40 0.00	53.86 -0.24 0.00	65.41 0.16 0.00	72.94 0.30 0.00	106.04 0.80 0.00	100.91 0.41 0.00	118.69 0.58 0.00
MILLSEAT___LFGE 323607	61.62 -3.49 2.47	40.56 -2.40 1.45	35.35 -2.14 1.61	34.74 -2.04 1.64	39.52 -1.89 1.44	46.72 -2.87 0.63	51.54 -4.29 0.69	58.78 -5.16 0.00	74.24 -6.13 0.00	51.24 -3.71 0.00	51.23 -3.57 0.00	42.63 -3.06 0.00	37.42 -2.68 0.00	42.10 -2.69 0.00	50.56 -3.54 0.00	60.54 -4.71 0.00	66.96 -5.68 0.00	98.15 -7.08 0.00	92.91 -7.59 0.00	109.70 -8.40 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	70.09 2.52 0.00	46.16 1.74 0.00	40.52 1.43 0.00	39.79 1.37 0.00	44.24 1.40 0.00	52.11 1.89 0.00	58.93 2.41 0.00	66.61 2.67 0.00	83.49 3.12 0.00	57.16 2.21 0.00	57.01 2.22 0.00	47.58 1.88 0.00	41.90 1.81 0.00	46.78 1.99 0.00	56.52 2.41 0.00	67.99 2.74 0.00	75.77 3.13 0.00	109.97 4.73 0.00	105.10 4.60 0.00	123.53 5.42 0.00
MILLWOOD_13_KV_LOAD 356217	70.24 2.67 0.00	46.25 1.84 0.00	40.60 1.51 0.00	39.87 1.45 0.00	44.33 1.49 0.00	52.24 2.01 0.00	59.07 2.55 0.00	66.78 2.84 0.00	83.71 3.34 0.00	57.32 2.36 0.00	57.14 2.35 0.00	47.70 2.01 0.00	42.01 1.91 0.00	46.89 2.10 0.00	56.66 2.56 0.00	68.18 2.93 0.00	75.99 3.35 0.00	110.30 5.06 0.00	105.40 4.90 0.00	123.90 5.79 0.00
MODEL_CITY_ENERGY 24167	58.99 -5.71 2.88	38.86 -3.86 1.70	33.81 -3.41 1.88	33.20 -3.30 1.91	37.90 -3.26 1.68	44.96 -4.52 0.74	49.17 -6.55 0.81	56.00 -7.94 0.00	70.82 -9.55 0.00	49.14 -5.81 0.00	49.36 -5.43 0.00	41.26 -4.43 0.00	36.25 -3.84 0.00	40.67 -4.12 0.00	48.75 -5.35 0.00	58.09 -7.16 0.00	63.74 -8.90 0.00	93.39 -11.85 0.00	88.36 -12.14 0.00	104.39 -13.72 0.00
MODERN_LFGE___ 323580	58.99 -5.71 2.88	38.86 -3.86 1.70	33.81 -3.41 1.88	33.20 -3.30 1.91	37.90 -3.26 1.68	44.96 -4.52 0.74	49.17 -6.55 0.81	56.00 -7.94 0.00	70.82 -9.55 0.00	49.14 -5.81 0.00	49.36 -5.43 0.00	41.26 -4.43 0.00	36.25 -3.84 0.00	40.67 -4.12 0.00	48.75 -5.35 0.00	58.09 -7.16 0.00	63.74 -8.90 0.00	93.39 -11.85 0.00	88.36 -12.14 0.00	104.39 -13.72 0.00
MOHAWK_PAPER___DRP 24187	69.81 2.23 0.00	45.85 1.43 0.00	40.21 1.12 0.00	39.46 1.04 0.00	43.89 1.06 0.00	51.54 1.32 0.00	58.10 1.57 0.00	65.61 1.68 0.00	82.40 2.03 0.00	56.04 1.09 0.00	55.75 0.96 0.00	46.58 0.89 0.00	40.90 0.80 0.00	45.73 0.95 0.00	55.32 1.22 0.00	66.76 1.52 0.00	74.56 1.92 0.00	107.81 2.57 0.00	103.23 2.73 0.00	121.31 3.20 0.00
MOHICAN___35_KV_115KV_LD 80490	70.85 3.27 0.00	46.56 2.14 0.00	40.92 1.83 0.00	40.18 1.76 0.00	44.77 1.93 0.00	52.86 2.64 0.00	59.94 3.42 0.00	67.72 3.79 0.00	84.83 4.46 0.00	57.47 2.52 0.00	56.91 2.12 0.00	47.66 1.97 0.00	41.77 1.67 0.00	46.91 2.12 0.00	56.92 2.82 0.00	69.23 3.98 0.00	77.48 4.84 0.00	112.19 6.95 0.00	107.42 6.92 0.00	126.27 8.16 0.00
MONGAUP___HYD 23641	70.41 2.84 0.00	46.31 1.89 0.00	40.68 1.58 0.00	39.96 1.54 0.00	44.47 1.64 0.00	52.33 2.11 0.00	59.21 2.69 0.00	66.99 3.05 0.00	83.92 3.55 0.00	56.95 2.00 0.00	56.33 1.53 0.00	46.87 1.17 0.00	41.29 1.20 0.00	46.14 1.35 0.00	56.20 2.10 0.00	67.79 2.54 0.00	76.08 3.44 0.00	110.70 5.46 0.00	105.88 5.38 0.00	124.37 6.26 0.00
MONTAUK___DIESEL 23721	71.36 3.79 0.00	46.72 2.30 0.00	41.11 2.02 0.00	40.09 1.68 0.00	44.61 1.78 0.00	53.12 2.90 0.00	60.17 3.65 0.00	67.85 3.92 0.00	85.21 2.57 -2.27	59.68 2.64 -2.09	57.70 2.91 0.00	48.39 2.70 0.00	42.49 2.39 0.00	48.00 3.22 0.00	58.96 4.86 0.00	71.40 6.15 0.00	86.10 6.58 -6.88	130.26 8.65 -16.37	131.62 6.31 -24.80	124.35 6.23 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	66.33 -1.25 0.00	43.24 -1.18 0.00	37.25 -1.85 0.00	36.85 -1.57 0.00	42.01 -0.83 0.00	47.98 -2.24 0.00	53.20 -3.33 0.00	59.13 -4.81 0.00	74.32 -6.05 0.00	50.92 -4.04 0.00	50.86 -3.94 0.00	42.45 -3.24 0.00	38.07 -2.03 0.00	42.82 -1.97 0.00	51.06 -3.04 0.00	62.30 -2.95 0.00	67.51 -5.12 0.00	99.50 -5.74 0.00	94.12 -6.38 0.00	111.34 -6.77 0.00

MORRIS_RIDGE___SOLAR 323848	63.83 -3.75 0.00	41.86 -2.56 0.00	36.91 -2.18 0.00	36.37 -2.05 0.00	40.85 -1.99 0.00	47.20 -3.02 0.00	52.67 -3.85 0.00	58.86 -5.08 0.00	74.00 -6.37 0.00	50.24 -4.71 0.00	49.92 -4.88 0.00	41.65 -4.05 0.00	36.34 -3.76 0.00	41.13 -3.66 0.00	49.24 -4.86 0.00	59.91 -5.34 0.00	66.34 -6.29 0.00	96.83 -8.41 0.00	92.41 -8.09 0.00	109.79 -8.32 0.00
MORTIMER_115KV_TB3 55949	64.88 -2.70 0.00	42.56 -1.86 0.00	37.48 -1.61 0.00	36.86 -1.55 0.00	41.32 -1.52 0.00	47.98 -2.25 0.00	53.48 -3.04 0.00	60.33 -3.61 0.00	76.09 -4.29 0.00	52.24 -2.71 0.00	52.23 -2.57 0.00	43.50 -2.19 0.00	38.13 -1.96 0.00	42.79 -2.00 0.00	51.58 -2.52 0.00	62.13 -3.12 0.00	68.94 -3.70 0.00	100.61 -4.63 0.00	95.52 -4.98 0.00	112.55 -5.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	70.50 2.92 0.00	46.47 2.06 0.00	40.78 1.69 0.00	40.03 1.61 0.00	44.50 1.67 0.00	52.46 2.24 0.00	59.30 2.78 0.00	67.04 3.10 0.00	84.10 3.73 0.00	57.63 2.67 0.00	57.51 2.72 0.00	48.00 2.31 0.00	42.31 2.21 0.00	47.20 2.41 0.00	57.00 2.90 0.00	68.52 3.27 0.00	76.28 3.64 0.00	110.76 5.52 0.00	105.82 5.32 0.00	124.36 6.25 0.00
MUNSVILLE_WIND_PWR 323609	70.21 1.73 -0.90	45.97 1.02 -0.53	40.80 1.12 -0.59	40.65 1.63 -0.60	45.54 2.17 -0.53	53.47 3.02 -0.23	60.89 4.12 -0.25	69.29 5.35 0.00	87.51 7.14 0.00	59.07 4.13 0.00	57.81 3.02 0.00	47.88 2.19 0.00	41.48 1.39 0.00	46.33 1.54 0.00	56.41 2.31 0.00	69.63 4.38 0.00	77.78 5.14 0.00	112.87 7.63 0.00	106.87 6.37 0.00	125.56 7.45 0.00
N SALMON___HYD 24042	69.70 2.12 0.00	45.87 1.45 0.00	40.37 1.28 0.00	39.81 1.39 0.00	44.48 1.65 0.00	52.03 1.81 0.00	58.31 1.78 0.00	66.70 2.76 0.00	84.04 3.67 0.00	57.91 2.96 0.00	58.10 3.30 0.00	48.34 2.64 0.00	42.29 2.19 0.00	47.31 2.53 0.00	57.10 3.00 0.00	68.42 3.18 0.00	75.71 3.07 0.00	109.43 4.19 0.00	104.51 4.01 0.00	122.59 4.48 0.00
N.AKRON___115KV_KNAPP 355671	63.61 -3.97 0.00	41.70 -2.72 0.00	36.69 -2.40 0.00	36.11 -2.31 0.00	40.65 -2.19 0.00	46.97 -3.25 0.00	51.72 -4.81 0.00	58.12 -5.81 0.00	73.48 -6.89 0.00	50.79 -4.16 0.00	50.82 -3.97 0.00	42.34 -3.35 0.00	37.17 -2.93 0.00	41.78 -3.00 0.00	50.15 -3.95 0.00	59.99 -5.26 0.00	66.19 -6.45 0.00	97.02 -8.22 0.00	91.83 -8.67 0.00	108.51 -9.60 0.00
N.E._GEN_SANDY PD 24062	69.70 2.12 0.00	45.74 1.32 0.00	40.66 1.08 -0.48	39.41 0.99 0.00	43.83 0.99 0.00	51.61 1.39 0.00	58.20 1.68 0.00	65.04 1.68 0.58	82.31 1.94 0.00	57.09 1.18 -0.96	54.90 1.03 0.93	46.70 0.99 -0.02	41.16 1.06 0.00	46.03 1.24 0.00	55.80 1.65 -0.05	68.32 2.04 -1.04	79.26 2.53 -4.09	118.50 3.45 -9.82	120.75 3.62 -16.63	154.96 4.26 -32.59
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	69.91 2.33 0.00	46.05 1.63 0.00	40.41 1.32 0.00	39.69 1.27 0.00	44.13 1.30 0.00	51.99 1.77 0.00	58.79 2.27 0.00	66.48 2.54 0.00	83.32 2.94 0.00	56.98 2.03 0.00	56.82 2.02 0.00	47.41 1.72 0.00	41.76 1.66 0.00	46.61 1.83 0.00	56.31 2.21 0.00	67.75 2.50 0.00	75.55 2.91 0.00	109.67 4.43 0.00	104.82 4.32 0.00	123.19 5.08 0.00
N.QUEENS_27_KV_LOAD 356247	70.51 2.93 0.00	46.60 2.18 0.00	40.79 1.69 0.00	40.07 1.66 0.00	44.50 1.66 0.00	52.53 2.30 0.00	59.43 2.91 0.00	67.08 3.14 0.00	84.29 3.92 0.00	57.75 2.80 0.00	57.69 2.90 0.00	48.17 2.48 0.00	42.50 2.40 0.00	47.19 2.41 0.00	57.00 2.90 0.00	68.42 3.17 0.00	76.14 3.50 0.00	110.61 5.37 0.00	105.56 5.06 0.00	124.22 6.11 0.00
N.TROY___115KV_TB1 355778	69.68 2.10 0.00	45.73 1.31 0.00	40.17 1.08 0.00	39.41 1.00 0.00	43.87 1.03 0.00	51.63 1.41 0.00	58.30 1.77 0.00	65.78 1.85 0.00	82.59 2.22 0.00	56.15 1.20 0.00	55.79 0.99 0.00	46.64 0.95 0.00	41.00 0.90 0.00	45.85 1.06 0.00	55.54 1.44 0.00	67.16 1.91 0.00	75.07 2.43 0.00	108.59 3.35 0.00	103.95 3.45 0.00	122.24 4.13 0.00
NARROWS_GT1_1 24228	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT1_2 24229	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT1_3 24230	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT1_4 24231	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT1_5 24232	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00

NARROWS_GT1_6 24233	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT1_7 24234	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT1_8 24235	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT2_1 24236	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT2_2 24237	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT2_3 24238	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT2_4 24239	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT2_5 24240	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT2_6 24241	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT2_7 24242	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NARROWS_GT2_8 24243	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.48 2.96 0.00	67.14 3.20 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 3.00 0.00	48.20 2.51 0.00	42.49 2.39 0.00	47.31 2.53 0.00	57.14 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.80 5.56 0.00	105.78 5.28 0.00	124.35 6.24 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	71.25 3.68 0.00	46.79 2.37 0.00	41.09 2.00 0.00	40.35 1.93 0.00	44.89 2.05 0.00	52.62 2.40 0.00	59.30 2.78 0.00	67.13 3.19 0.00	84.31 3.94 0.00	57.04 2.09 0.00	56.34 1.55 0.00	46.80 1.11 0.00	41.05 0.95 0.00	45.92 1.13 0.00	55.59 1.49 0.00	67.49 2.24 0.00	75.89 3.25 0.00	110.03 4.80 0.00	105.27 4.77 0.00	123.67 5.56 0.00
NCHELSEA_115KV_TR2 355582	70.70 3.12 0.00	46.52 2.10 0.00	40.84 1.74 0.00	40.11 1.70 0.00	44.63 1.79 0.00	52.56 2.34 0.00	59.46 2.93 0.00	67.20 3.27 0.00	84.25 3.88 0.00	57.58 2.63 0.00	57.36 2.56 0.00	47.85 2.16 0.00	42.13 2.03 0.00	47.09 2.30 0.00	56.91 2.81 0.00	68.61 3.36 0.00	76.52 3.88 0.00	111.07 5.83 0.00	106.18 5.68 0.00	124.72 6.62 0.00
NEG CAPITAL___MECHNVIL 23645	70.66 3.08 0.00	46.37 1.95 0.00	40.76 1.66 0.00	40.01 1.59 0.00	44.57 1.73 0.00	52.46 2.24 0.00	59.31 2.79 0.00	67.01 3.08 0.00	84.10 3.73 0.00	57.04 2.09 0.00	56.66 1.86 0.00	47.38 1.68 0.00	41.56 1.47 0.00	46.59 1.80 0.00	56.43 2.33 0.00	68.50 3.25 0.00	76.59 3.95 0.00	110.88 5.64 0.00	106.06 5.56 0.00	124.72 6.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	63.00 -3.55 1.04	41.42 -2.39 0.61	36.36 -2.06 0.67	35.73 -2.00 0.69	40.20 -2.04 0.60	47.21 -2.75 0.27	52.79 -3.45 0.28	59.89 -4.05 0.00	75.45 -4.92 0.00	51.70 -3.25 0.00	51.68 -3.12 0.00	43.07 -2.63 0.00	37.71 -2.39 0.00	42.24 -2.55 0.00	51.04 -3.06 0.00	61.55 -3.69 0.00	68.39 -4.25 0.00	99.71 -5.53 0.00	94.68 -5.82 0.00	111.49 -6.62 0.00

NEG CENTRAL___DRP 24199	66.11 -1.47 0.00	43.46 -0.96 0.00	38.39 -0.70 0.00	37.75 -0.67 0.00	42.25 -0.58 0.00	49.33 -0.89 0.00	55.35 -1.17 0.00	62.59 -1.35 0.00	78.60 -1.77 0.00	53.50 -1.45 0.00	53.16 -1.63 0.00	44.42 -1.27 0.00	38.89 -1.21 0.00	43.60 -1.18 0.00	52.57 -1.53 0.00	63.61 -1.64 0.00	70.80 -1.84 0.00	103.05 -2.19 0.00	98.12 -2.38 0.00	115.50 -2.61 0.00
NEG CENTRAL___INDECK 23768	67.06 -0.52 0.00	43.92 -0.50 0.00	38.73 -0.36 0.00	38.03 -0.39 0.00	42.44 -0.40 0.00	48.69 -1.53 0.00	53.90 -2.62 0.00	60.77 -3.17 0.00	76.40 -3.97 0.00	51.51 -3.44 0.00	50.93 -3.86 0.00	42.45 -3.24 0.00	36.99 -3.11 0.00	41.69 -3.10 0.00	50.25 -3.85 0.00	61.38 -3.87 0.00	68.75 -3.89 0.00	100.65 -4.59 0.00	95.69 -4.81 0.00	113.22 -4.89 0.00
NEG CENTRAL___SENECA 23627	65.82 -1.75 0.00	43.36 -1.06 0.00	38.36 -0.73 0.00	37.73 -0.68 0.00	42.26 -0.58 0.00	49.24 -0.98 0.00	55.13 -1.40 0.00	62.31 -1.63 0.00	78.24 -2.13 0.00	53.19 -1.76 0.00	52.80 -1.99 0.00	44.21 -1.48 0.00	38.71 -1.39 0.00	43.45 -1.33 0.00	52.24 -1.87 0.00	63.22 -2.02 0.00	70.33 -2.31 0.00	102.51 -2.73 0.00	97.63 -2.87 0.00	115.02 -3.09 0.00
NEG CENTRAL___STATE_STREET 24147	66.88 -0.70 0.00	43.83 -0.59 0.00	38.57 -0.52 0.00	37.93 -0.48 0.00	42.55 -0.28 0.00	49.76 -0.47 0.00	55.88 -0.64 0.00	63.42 -0.51 0.00	79.51 -0.86 0.00	54.26 -0.69 0.00	53.95 -0.85 0.00	44.83 -0.87 0.00	39.30 -0.79 0.00	44.01 -0.78 0.00	53.23 -0.87 0.00	64.49 -0.76 0.00	71.89 -0.75 0.00	104.51 -0.73 0.00	99.24 -1.26 0.00	116.68 -1.43 0.00
NEG MILLWOOD___DRP 24198	70.99 3.41 0.00	46.70 2.29 0.00	41.00 1.91 0.00	40.27 1.85 0.00	44.81 1.97 0.00	52.80 2.58 0.00	59.73 3.21 0.00	67.55 3.61 0.00	84.70 4.33 0.00	57.92 2.97 0.00	57.69 2.90 0.00	48.13 2.44 0.00	42.37 2.27 0.00	47.35 2.56 0.00	57.19 3.09 0.00	68.94 3.69 0.00	76.88 4.24 0.00	111.64 6.40 0.00	106.71 6.21 0.00	125.43 7.32 0.00
NEG NORTH_FLCN_SEA 23793	69.05 1.48 0.00	45.43 1.02 0.00	40.00 0.91 0.00	39.49 1.08 0.00	44.12 1.28 0.00	51.68 1.46 0.00	57.95 1.42 0.00	66.08 2.14 0.00	83.22 2.85 0.00	57.20 2.25 0.00	57.37 2.57 0.00	47.79 2.10 0.00	42.03 1.94 0.00	47.04 2.25 0.00	56.79 2.69 0.00	68.21 2.96 0.00	75.50 2.87 0.00	109.21 3.97 0.00	103.98 3.48 0.00	122.22 4.11 0.00
NEG NORTH_KES_CHATEGAY 23792	68.42 0.84 0.00	44.98 0.56 0.00	39.60 0.51 0.00	39.07 0.65 0.00	43.65 0.81 0.00	51.04 0.82 0.00	57.19 0.66 0.00	65.30 1.36 0.00	82.26 1.89 0.00	56.63 1.68 0.00	56.82 2.02 0.00	47.30 1.60 0.00	41.45 1.35 0.00	46.41 1.62 0.00	56.07 1.97 0.00	67.33 2.08 0.00	74.50 1.86 0.00	107.66 2.43 0.00	102.83 2.33 0.00	120.82 2.71 0.00
NEG NORTH___ALICE_FALLS 23915	69.39 1.81 0.00	45.65 1.23 0.00	40.18 1.08 0.00	39.64 1.22 0.00	44.30 1.46 0.00	51.88 1.66 0.00	58.25 1.73 0.00	66.44 2.50 0.00	83.66 3.29 0.00	57.46 2.51 0.00	57.66 2.86 0.00	48.03 2.34 0.00	42.18 2.08 0.00	47.22 2.43 0.00	57.01 2.91 0.00	68.47 3.23 0.00	75.84 3.20 0.00	109.79 4.55 0.00	104.62 4.12 0.00	122.92 4.81 0.00
NEG NORTH___LWR_SARANAC 23913	69.39 1.81 0.00	45.65 1.23 0.00	40.18 1.08 0.00	39.64 1.22 0.00	44.30 1.46 0.00	51.88 1.66 0.00	58.25 1.73 0.00	66.44 2.50 0.00	83.66 3.29 0.00	57.46 2.51 0.00	57.66 2.86 0.00	48.03 2.34 0.00	42.18 2.08 0.00	47.22 2.43 0.00	57.01 2.91 0.00	68.47 3.23 0.00	75.84 3.20 0.00	109.79 4.55 0.00	104.62 4.12 0.00	122.92 4.81 0.00
NEG NORTH___PLATTSBURG 23628	69.39 1.81 0.00	45.65 1.23 0.00	40.17 1.08 0.00	39.64 1.23 0.00	44.30 1.46 0.00	51.88 1.66 0.00	58.25 1.73 0.00	66.44 2.50 0.00	83.66 3.29 0.00	57.46 2.51 0.00	57.65 2.86 0.00	48.03 2.34 0.00	42.18 2.08 0.00	47.22 2.43 0.00	57.01 2.91 0.00	68.47 3.22 0.00	75.84 3.20 0.00	109.78 4.55 0.00	104.62 4.12 0.00	122.92 4.82 0.00
NEG WEST_LEA_LOCKPORT 23791	62.27 -5.30 0.00	40.83 -3.59 0.00	35.93 -3.16 0.00	35.37 -3.05 0.00	39.81 -3.03 0.00	45.85 -4.38 0.00	50.27 -6.25 0.00	56.35 -7.59 0.00	71.26 -9.11 0.00	49.36 -5.59 0.00	49.51 -5.28 0.00	41.34 -4.35 0.00	36.32 -3.78 0.00	40.76 -4.02 0.00	48.86 -5.25 0.00	58.38 -6.87 0.00	64.18 -8.46 0.00	93.98 -11.25 0.00	89.03 -11.47 0.00	105.21 -12.90 0.00
NEG WEST___LANCASTR 23811	65.88 -1.70 0.00	43.24 -1.18 0.00	38.01 -1.08 0.00	37.44 -0.97 0.00	42.04 -0.80 0.00	48.42 -1.80 0.00	53.77 -2.75 0.00	60.29 -3.65 0.00	76.06 -4.31 0.00	52.57 -2.38 0.00	52.59 -2.21 0.00	43.86 -1.83 0.00	38.48 -1.62 0.00	43.17 -1.61 0.00	51.80 -2.31 0.00	62.34 -2.90 0.00	68.60 -4.04 0.00	100.36 -4.88 0.00	95.28 -5.22 0.00	112.64 -5.47 0.00
NEG_PENN_ALLEGHNY 23528	67.72 -0.85 -0.99	44.38 -0.62 -0.58	39.22 -0.52 -0.64	38.63 -0.45 -0.66	42.96 -0.46 -0.58	49.76 -0.71 -0.25	56.21 -0.59 -0.27	63.38 -0.55 0.00	79.64 -0.73 0.00	54.40 -0.55 0.00	54.02 -0.78 0.00	45.01 -0.68 0.00	39.51 -0.59 0.00	44.15 -0.63 0.00	53.35 -0.75 0.00	64.58 -0.67 0.00	71.65 -0.99 0.00	104.04 -1.19 0.00	99.23 -1.27 0.00	116.79 -1.32 0.00
NEG___GEN_MONROE 24207	65.22 -2.35 0.00	42.77 -1.65 0.00	37.65 -1.44 0.00	37.04 -1.38 0.00	41.54 -1.30 0.00	48.22 -2.00 0.00	53.70 -2.82 0.00	60.59 -3.35 0.00	76.39 -3.98 0.00	52.47 -2.48 0.00	52.39 -2.41 0.00	43.61 -2.09 0.00	38.21 -1.89 0.00	42.96 -1.82 0.00	51.76 -2.34 0.00	62.28 -2.97 0.00	69.17 -3.46 0.00	101.11 -4.13 0.00	95.96 -4.54 0.00	113.02 -5.09 0.00
NEPA___ENERGY 23901	64.59 -2.99 0.00	42.21 -2.21 0.00	36.89 -2.21 0.00	36.44 -1.98 0.00	41.02 -1.82 0.00	47.16 -3.06 0.00	52.78 -3.74 0.00	59.28 -4.65 0.00	74.39 -5.98 0.00	51.12 -3.83 0.00	50.96 -3.83 0.00	42.53 -3.16 0.00	37.53 -2.57 0.00	42.19 -2.60 0.00	50.52 -3.58 0.00	61.20 -4.05 0.00	66.78 -5.86 0.00	97.88 -7.36 0.00	93.01 -7.49 0.00	109.91 -8.20 0.00

NEVERSINK___HYD 23608	70.61 3.03 0.00	46.47 2.05 0.00	40.84 1.75 0.00	40.11 1.70 0.00	44.66 1.82 0.00	52.57 2.35 0.00	59.48 2.96 0.00	67.27 3.33 0.00	84.33 3.97 0.00	57.52 2.58 0.00	57.15 2.36 0.00	47.53 1.83 0.00	41.80 1.71 0.00	46.71 1.93 0.00	56.55 2.44 0.00	68.35 3.10 0.00	76.39 3.75 0.00	111.02 5.79 0.00	106.14 5.64 0.00	124.72 6.61 0.00
NEWKRMKL_115KV_TB1 55635	69.65 2.08 0.00	45.77 1.35 0.00	40.15 1.06 0.00	39.40 0.98 0.00	43.79 0.95 0.00	51.30 1.08 0.00	57.73 1.21 0.00	65.21 1.27 0.00	81.91 1.54 0.00	55.74 0.79 0.00	55.50 0.70 0.00	46.35 0.66 0.00	40.67 0.57 0.00	45.47 0.68 0.00	54.92 0.82 0.00	66.08 0.83 0.00	73.65 1.01 0.00	106.46 1.23 0.00	101.90 1.40 0.00	119.77 1.66 0.00
NEWTON___FALLS_HYD 23847	68.24 0.66 0.00	44.99 0.57 0.00	39.86 0.77 0.00	39.28 0.86 0.00	43.87 1.03 0.00	51.27 1.04 0.00	57.74 1.22 0.00	65.61 1.67 0.00	82.53 2.15 0.00	56.54 1.59 0.00	56.49 1.69 0.00	47.17 1.48 0.00	40.91 0.82 0.00	45.42 0.64 0.00	54.78 0.68 0.00	65.89 0.64 0.00	73.38 0.75 0.00	106.07 0.83 0.00	100.92 0.42 0.00	118.24 0.13 0.00
NGRID_A1_DSASP 323792	61.89 -5.69 0.00	40.53 -3.89 0.00	35.68 -3.41 0.00	35.12 -3.30 0.00	39.50 -3.34 0.00	45.40 -4.82 0.00	49.93 -6.60 0.00	55.66 -8.28 0.00	70.30 -10.07 0.00	48.74 -6.22 0.00	48.91 -5.89 0.00	40.82 -4.88 0.00	35.87 -4.23 0.00	40.20 -4.59 0.00	48.16 -5.94 0.00	57.66 -7.59 0.00	63.54 -9.09 0.00	93.04 -12.20 0.00	88.01 -12.49 0.00	103.92 -14.19 0.00
NGRID_A2_DSASP 323793	61.89 -5.69 0.00	40.53 -3.89 0.00	35.68 -3.41 0.00	35.12 -3.30 0.00	39.50 -3.34 0.00	45.40 -4.82 0.00	49.93 -6.60 0.00	55.66 -8.28 0.00	70.30 -10.07 0.00	48.74 -6.22 0.00	48.91 -5.89 0.00	40.82 -4.88 0.00	35.87 -4.23 0.00	40.20 -4.59 0.00	48.16 -5.94 0.00	57.66 -7.59 0.00	63.54 -9.09 0.00	93.04 -12.20 0.00	88.01 -12.49 0.00	103.92 -14.19 0.00
NGRID_A4_DSASP 323807	61.89 -5.69 0.00	40.53 -3.89 0.00	35.68 -3.41 0.00	35.12 -3.30 0.00	39.50 -3.34 0.00	45.40 -4.82 0.00	49.93 -6.60 0.00	55.66 -8.28 0.00	70.30 -10.07 0.00	48.74 -6.22 0.00	48.91 -5.89 0.00	40.82 -4.88 0.00	35.87 -4.23 0.00	40.20 -4.59 0.00	48.16 -5.94 0.00	57.66 -7.59 0.00	63.54 -9.09 0.00	93.04 -12.20 0.00	88.01 -12.49 0.00	103.92 -14.19 0.00
NIAGARA_115E_LBMP 323715	58.57 -6.04 2.96	38.60 -4.07 1.75	33.56 -3.60 1.93	32.95 -3.50 1.97	37.65 -3.46 1.73	44.74 -4.72 0.76	48.86 -6.83 0.83	55.65 -8.28 0.00	70.42 -9.95 0.00	48.90 -6.05 0.00	49.14 -5.66 0.00	41.12 -4.57 0.00	36.12 -3.98 0.00	40.50 -4.29 0.00	48.54 -5.57 0.00	57.76 -7.49 0.00	63.31 -9.33 0.00	92.78 -12.46 0.00	87.77 -12.73 0.00	103.67 -14.44 0.00
NIAGARA_115W_LBMP 323714	58.77 -5.79 3.03	38.68 -3.96 1.78	33.64 -3.48 1.97	33.05 -3.36 2.01	37.68 -3.40 1.76	44.54 -4.91 0.77	49.00 -6.67 0.84	55.52 -8.41 0.00	70.10 -10.27 0.00	48.60 -6.34 0.00	48.79 -6.00 0.00	40.71 -4.98 0.00	35.77 -4.33 0.00	40.11 -4.68 0.00	48.05 -6.05 0.00	57.53 -7.72 0.00	63.37 -9.27 0.00	92.81 -12.43 0.00	87.79 -12.71 0.00	103.67 -14.44 0.00
NIAGARA_230_LBMP 323716	59.24 -5.34 3.00	39.07 -3.58 1.77	33.99 -3.15 1.95	33.39 -3.04 1.99	38.03 -3.06 1.75	44.99 -4.47 0.77	49.55 -6.14 0.84	56.45 -7.49 0.00	71.33 -9.04 0.00	49.39 -5.56 0.00	49.57 -5.22 0.00	41.38 -4.31 0.00	36.33 -3.77 0.00	40.76 -4.03 0.00	48.86 -5.24 0.00	58.53 -6.72 0.00	64.44 -8.20 0.00	94.36 -10.88 0.00	89.37 -11.13 0.00	105.56 -12.54 0.00
NIAGARA___115KV_198_GIBSON 55903	61.78 -5.80 0.00	40.47 -3.96 0.00	35.61 -3.48 0.00	35.05 -3.37 0.00	39.41 -3.43 0.00	45.31 -4.91 0.00	49.82 -6.70 0.00	55.52 -8.42 0.00	70.13 -10.24 0.00	48.62 -6.33 0.00	48.79 -6.01 0.00	40.71 -4.98 0.00	35.77 -4.32 0.00	40.10 -4.69 0.00	48.04 -6.06 0.00	57.52 -7.73 0.00	63.37 -9.27 0.00	92.82 -12.42 0.00	87.80 -12.70 0.00	103.68 -14.43 0.00
NIAGARA____ 23760	59.26 -5.34 2.99	39.08 -3.58 1.76	34.00 -3.15 1.95	33.40 -3.04 1.99	38.04 -3.06 1.74	44.99 -4.47 0.77	49.55 -6.14 0.84	56.45 -7.49 0.00	71.33 -9.04 0.00	49.39 -5.56 0.00	49.57 -5.22 0.00	41.38 -4.31 0.00	36.33 -3.77 0.00	40.76 -4.03 0.00	48.86 -5.24 0.00	58.53 -6.72 0.00	64.44 -8.20 0.00	94.36 -10.88 0.00	89.37 -11.13 0.00	105.56 -12.54 0.00
NINE_MILE_1 23575	64.65 -2.93 0.00	42.48 -1.94 0.00	37.43 -1.67 0.00	36.81 -1.61 0.00	41.05 -1.79 0.00	48.06 -2.16 0.00	54.07 -2.45 0.00	61.16 -2.77 0.00	76.89 -3.48 0.00	52.56 -2.39 0.00	52.35 -2.44 0.00	43.64 -2.05 0.00	38.29 -1.80 0.00	42.77 -2.02 0.00	51.63 -2.47 0.00	62.36 -2.89 0.00	69.44 -3.20 0.00	100.70 -4.54 0.00	96.08 -4.42 0.00	112.91 -5.19 0.00
NINE_MILE_2 23744	64.65 -2.93 0.00	42.48 -1.93 0.00	37.43 -1.66 0.00	36.81 -1.61 0.00	41.05 -1.79 0.00	48.06 -2.16 0.00	54.08 -2.44 0.00	61.16 -2.77 0.00	76.89 -3.48 0.00	52.56 -2.39 0.00	52.36 -2.43 0.00	43.65 -2.04 0.00	38.30 -1.80 0.00	42.77 -2.01 0.00	51.63 -2.47 0.00	62.37 -2.88 0.00	69.44 -3.20 0.00	100.71 -4.53 0.00	96.08 -4.42 0.00	112.91 -5.19 0.00
NM_CAPITAL___DRP 24208	69.52 1.94 0.00	45.67 1.25 0.00	40.06 0.96 0.00	39.31 0.89 0.00	43.69 0.86 0.00	51.25 1.03 0.00	57.69 1.17 0.00	65.13 1.20 0.00	81.81 1.44 0.00	55.68 0.73 0.00	55.44 0.64 0.00	46.33 0.63 0.00	40.67 0.57 0.00	45.48 0.69 0.00	54.94 0.84 0.00	66.18 0.93 0.00	73.81 1.17 0.00	106.66 1.42 0.00	102.13 1.63 0.00	120.01 1.90 0.00
NM_CENTRAL___DRP 24181	65.82 -1.76 0.00	43.23 -1.19 0.00	38.10 -1.00 0.00	37.48 -0.94 0.00	41.81 -1.03 0.00	48.97 -1.25 0.00	55.15 -1.37 0.00	62.38 -1.56 0.00	78.40 -1.97 0.00	53.59 -1.36 0.00	53.35 -1.45 0.00	44.44 -1.25 0.00	38.95 -1.14 0.00	43.51 -1.27 0.00	52.54 -1.56 0.00	63.57 -1.68 0.00	70.81 -1.83 0.00	102.77 -2.47 0.00	97.96 -2.54 0.00	115.16 -2.95 0.00

NM_FRONTIER___DRP 24179	61.78 -5.80 0.00	40.47 -3.96 0.00	35.61 -3.48 0.00	35.05 -3.37 0.00	39.41 -3.43 0.00	45.31 -4.91 0.00	49.82 -6.70 0.00	55.52 -8.42 0.00	70.13 -10.24 0.00	48.62 -6.33 0.00	48.79 -6.01 0.00	40.71 -4.98 0.00	35.77 -4.32 0.00	40.10 -4.69 0.00	48.04 -6.06 0.00	57.52 -7.73 0.00	63.37 -9.27 0.00	92.82 -12.42 0.00	87.80 -12.70 0.00	103.68 -14.43 0.00
NM_ST_REGIS___HYD 24053	69.61 2.03 0.00	45.82 1.40 0.00	40.38 1.29 0.00	39.74 1.32 0.00	44.42 1.59 0.00	51.96 1.74 0.00	58.25 1.73 0.00	66.37 2.43 0.00	83.56 3.19 0.00	57.49 2.54 0.00	57.60 2.81 0.00	47.98 2.29 0.00	41.94 1.84 0.00	46.79 2.00 0.00	56.40 2.30 0.00	67.54 2.30 0.00	74.65 2.01 0.00	107.97 2.74 0.00	103.04 2.54 0.00	120.83 2.72 0.00
NORTHPORT___1 23551	71.25 3.67 0.00	46.70 2.28 0.00	40.95 1.86 0.00	40.04 1.62 0.00	44.45 1.61 0.00	52.79 2.57 0.00	59.54 3.02 0.00	67.14 3.20 0.00	85.62 3.02 -2.23	59.80 2.78 -2.07	57.59 2.80 0.00	48.06 2.37 0.00	42.15 2.06 0.00	47.17 2.39 0.00	57.48 3.38 0.00	69.18 3.93 0.00	78.15 3.98 -1.54	76.41 5.39 34.22	113.72 5.32 -7.89	124.24 6.12 -0.01
NORTHPORT___2 23552	71.25 3.67 0.00	46.70 2.28 0.00	40.95 1.86 0.00	40.04 1.62 0.00	44.45 1.61 0.00	52.79 2.57 0.00	59.54 3.02 0.00	67.14 3.20 0.00	85.62 3.02 -2.23	59.80 2.78 -2.07	57.59 2.80 0.00	48.06 2.37 0.00	42.15 2.06 0.00	47.17 2.39 0.00	57.48 3.38 0.00	69.18 3.93 0.00	78.15 3.98 -1.54	76.41 5.39 34.22	113.72 5.32 -7.89	124.24 6.12 -0.01
NORTHPORT___3 23553	71.17 3.59 0.00	46.65 2.23 0.00	40.91 1.82 0.00	40.00 1.58 0.00	44.42 1.58 0.00	52.74 2.52 0.00	59.49 2.97 0.00	67.08 3.15 0.00	85.57 2.96 -2.24	59.77 2.75 -2.07	57.59 2.80 0.00	48.06 2.36 0.00	42.15 2.05 0.00	47.17 2.39 0.00	57.44 3.34 0.00	69.14 3.89 0.00	80.00 3.98 -3.38	93.86 5.30 16.67	119.45 5.23 -13.72	124.12 6.00 -0.01
NORTHPORT___4 23650	71.17 3.59 0.00	46.65 2.23 0.00	40.91 1.82 0.00	40.00 1.58 0.00	44.42 1.58 0.00	52.74 2.52 0.00	59.49 2.97 0.00	67.08 3.15 0.00	85.57 2.96 -2.24	59.77 2.75 -2.07	57.59 2.80 0.00	48.06 2.36 0.00	42.15 2.05 0.00	47.17 2.39 0.00	57.44 3.34 0.00	69.14 3.89 0.00	80.00 3.98 -3.38	93.86 5.30 16.67	119.45 5.23 -13.72	124.12 6.00 -0.01
NORTHPORT___IC 23718	71.26 3.68 0.00	46.70 2.29 0.00	40.95 1.86 0.00	40.04 1.62 0.00	44.46 1.62 0.00	52.80 2.57 0.00	59.54 3.02 0.00	67.14 3.20 0.00	85.59 2.99 -2.23	59.79 2.78 -2.07	57.59 2.80 0.00	48.06 2.37 0.00	42.15 2.05 0.00	47.18 2.39 0.00	57.48 3.38 0.00	69.18 3.93 0.00	78.16 3.99 -1.54	76.42 5.40 34.22	113.72 5.33 -7.89	124.24 6.12 -0.01
NORTH___COUNTRY_ESR 323785	68.21 0.63 0.00	44.84 0.42 0.00	39.49 0.40 0.00	38.95 0.53 0.00	43.52 0.68 0.00	50.87 0.64 0.00	57.01 0.49 0.00	65.06 1.11 0.00	81.96 1.59 0.00	56.42 1.47 0.00	56.63 1.84 0.00	47.16 1.46 0.00	41.35 1.25 0.00	46.30 1.51 0.00	55.91 1.81 0.00	67.11 1.86 0.00	74.21 1.57 0.00	107.24 2.00 0.00	102.44 1.94 0.00	120.34 2.23 0.00
NPX_GEN_1385_PROXY 323591	71.85 4.28 0.00	46.92 2.50 0.00	41.23 2.13 0.00	39.97 1.56 0.00	43.84 1.35 0.34	49.68 2.96 3.50	59.75 3.23 0.00	67.25 3.31 0.00	79.31 2.80 3.86	56.62 2.54 0.88	54.89 2.11 2.01	47.77 2.08 0.00	41.66 1.56 0.00	46.53 1.75 0.00	57.46 3.36 0.00	68.79 3.55 0.00	77.73 3.55 -1.54	77.41 6.40 34.22	115.36 6.97 -7.89	126.48 8.36 -0.01
NPX_GEN_CSC 323557	72.11 4.53 0.00	47.24 2.82 0.00	41.45 2.36 0.00	40.52 2.11 0.00	44.70 2.20 0.34	50.04 3.32 3.50	60.54 4.02 0.00	68.27 4.33 0.00	80.71 4.17 3.82	57.57 3.47 0.85	56.18 3.40 2.01	48.49 2.80 0.00	42.53 2.44 0.00	47.70 2.92 0.00	58.18 4.07 0.00	70.34 5.09 0.00	84.94 5.41 -6.89	128.85 7.19 -16.42	131.65 6.34 -24.81	124.70 6.58 -0.01
NSINS_S_GLNS_FALLS 23858	70.64 3.06 0.00	46.42 2.01 0.00	40.80 1.71 0.00	40.06 1.64 0.00	44.65 1.81 0.00	52.70 2.48 0.00	59.75 3.23 0.00	67.49 3.56 0.00	84.58 4.21 0.00	57.30 2.35 0.00	56.79 1.99 0.00	47.54 1.84 0.00	41.64 1.55 0.00	46.77 1.99 0.00	56.73 2.63 0.00	68.99 3.74 0.00	77.20 4.56 0.00	111.79 6.56 0.00	107.03 6.53 0.00	125.79 7.68 0.00
NUCOR_STEEL___DRP 24197	66.88 -0.70 0.00	43.79 -0.63 0.00	38.53 -0.56 0.00	37.89 -0.53 0.00	42.53 -0.31 0.00	49.74 -0.49 0.00	55.82 -0.70 0.00	63.38 -0.56 0.00	79.41 -0.96 0.00	54.24 -0.71 0.00	53.96 -0.84 0.00	44.79 -0.90 0.00	39.30 -0.79 0.00	44.01 -0.78 0.00	53.23 -0.87 0.00	64.50 -0.75 0.00	71.88 -0.76 0.00	104.43 -0.81 0.00	99.11 -1.39 0.00	116.56 -1.55 0.00
NUMBER_THREE_WT_PWR 323818	67.92 0.35 0.00	44.80 0.38 0.00	39.91 0.81 0.00	39.42 1.01 0.00	43.99 1.15 0.00	51.63 1.41 0.00	58.39 1.87 0.00	66.29 2.35 0.00	83.35 2.97 0.00	56.90 1.95 0.00	56.64 1.85 0.00	47.14 1.44 0.00	40.58 0.48 0.00	44.89 0.10 0.00	54.22 0.12 0.00	65.57 0.32 0.00	74.05 1.41 0.00	106.91 1.68 0.00	101.65 1.15 0.00	119.07 0.96 0.00
NYISO_LBMP_REFERENCE 24008	67.58 0.00 0.00	44.42 0.00 0.00	39.09 0.00 0.00	38.42 0.00 0.00	42.84 0.00 0.00	50.22 0.00 0.00	56.52 0.00 0.00	63.94 0.00 0.00	80.37 0.00 0.00	54.95 0.00 0.00	54.80 0.00 0.00	45.69 0.00 0.00	40.10 0.00 0.00	44.79 0.00 0.00	54.10 0.00 0.00	65.25 0.00 0.00	72.64 0.00 0.00	105.24 0.00 0.00	100.50 0.00 0.00	118.11 0.00 0.00
NYPA_BRENTWD____GT 24164	72.09 4.51 0.00	47.24 2.82 0.00	41.42 2.33 0.00	40.50 2.08 0.00	45.00 2.16 0.00	53.44 3.21 0.00	60.22 3.69 0.00	67.95 4.01 0.00	86.69 4.02 -2.30	60.62 3.55 -2.12	58.29 3.50 0.00	48.61 2.92 0.00	42.63 2.54 0.00	47.74 2.95 0.00	58.14 4.04 0.00	70.08 4.83 0.00	84.65 5.10 -6.91	128.07 6.93 -15.90	132.15 6.73 -24.92	126.01 7.90 -0.01

NYPA_GOWANUS____GT5 24156	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.47 2.95 0.00	67.12 3.18 0.00	84.44 4.07 0.00	57.84 2.89 0.00	57.78 2.98 0.00	48.20 2.50 0.00	42.48 2.38 0.00	47.31 2.52 0.00	57.13 3.03 0.00	68.48 3.23 0.00	76.17 3.53 0.00	110.76 5.52 0.00	105.74 5.24 0.00	124.35 6.24 0.00
NYPA_GOWANUS____GT6 24157	70.84 3.26 0.00	46.81 2.38 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.70 1.86 0.00	52.77 2.54 0.00	59.47 2.95 0.00	67.12 3.18 0.00	84.44 4.07 0.00	57.84 2.89 0.00	57.78 2.98 0.00	48.20 2.50 0.00	42.48 2.38 0.00	47.31 2.52 0.00	57.13 3.03 0.00	68.48 3.23 0.00	76.17 3.53 0.00	110.76 5.52 0.00	105.74 5.24 0.00	124.35 6.24 0.00
NYPA_HARLEM__RVR__GT1 24160	70.44 2.86 0.00	46.56 2.14 0.00	40.77 1.67 0.00	40.05 1.63 0.00	44.45 1.61 0.00	52.48 2.26 0.00	59.32 2.80 0.00	66.94 3.01 0.00	84.16 3.80 0.00	57.64 2.70 0.00	57.59 2.79 0.00	48.09 2.39 0.00	42.42 2.32 0.00	47.08 2.30 0.00	56.92 2.82 0.00	68.31 3.06 0.00	76.00 3.36 0.00	110.40 5.16 0.00	105.34 4.84 0.00	123.98 5.87 0.00
NYPA_HARLEM__RVR__GT2 24161	70.44 2.86 0.00	46.56 2.14 0.00	40.77 1.67 0.00	40.05 1.63 0.00	44.45 1.61 0.00	52.48 2.26 0.00	59.32 2.80 0.00	66.94 3.01 0.00	84.16 3.80 0.00	57.64 2.70 0.00	57.59 2.79 0.00	48.09 2.39 0.00	42.42 2.32 0.00	47.08 2.30 0.00	56.92 2.82 0.00	68.31 3.06 0.00	76.00 3.36 0.00	110.40 5.16 0.00	105.34 4.84 0.00	123.98 5.87 0.00
NYPA_KENT____GT 24152	70.76 3.18 0.00	46.75 2.33 0.00	41.00 1.91 0.00	40.26 1.84 0.00	44.68 1.84 0.00	52.72 2.50 0.00	59.43 2.91 0.00	67.14 3.20 0.00	84.39 4.02 0.00	57.84 2.89 0.00	57.81 3.02 0.00	48.24 2.55 0.00	42.52 2.43 0.00	47.34 2.56 0.00	57.18 3.08 0.00	68.54 3.29 0.00	76.20 3.56 0.00	110.75 5.51 0.00	105.73 5.23 0.00	124.24 6.13 0.00
NYPA_POUCH1____GT 24155	71.07 3.50 0.00	47.04 2.62 0.00	41.21 2.12 0.00	40.46 2.04 0.00	44.90 2.06 0.00	53.05 2.83 0.00	59.63 3.10 0.00	67.11 3.17 0.00	84.50 4.13 0.00	57.91 2.96 0.00	57.73 2.94 0.00	48.10 2.40 0.00	42.36 2.26 0.00	47.23 2.44 0.00	57.05 2.94 0.00	64.22 2.98 4.01	69.82 3.34 6.16	110.68 5.45 0.00	105.73 5.23 0.00	124.45 6.34 0.00
NYPA_VERNON____GT2 24162	70.69 3.11 0.00	46.70 2.28 0.00	40.97 1.87 0.00	40.24 1.82 0.00	44.65 1.81 0.00	52.68 2.45 0.00	59.45 2.93 0.00	67.19 3.26 0.00	84.42 4.05 0.00	57.84 2.89 0.00	57.85 3.05 0.00	48.28 2.58 0.00	42.56 2.47 0.00	47.38 2.59 0.00	57.20 3.10 0.00	68.63 3.38 0.00	76.28 3.64 0.00	110.80 5.56 0.00	105.78 5.27 0.00	124.35 6.24 0.00
NYPA_VERNON____GT3 24163	70.69 3.11 0.00	46.70 2.28 0.00	40.97 1.87 0.00	40.24 1.82 0.00	44.65 1.81 0.00	52.68 2.45 0.00	59.45 2.93 0.00	67.19 3.26 0.00	84.42 4.05 0.00	57.84 2.89 0.00	57.85 3.05 0.00	48.28 2.58 0.00	42.56 2.47 0.00	47.38 2.59 0.00	57.20 3.10 0.00	68.63 3.38 0.00	76.28 3.64 0.00	110.80 5.56 0.00	105.78 5.27 0.00	124.35 6.24 0.00
NYPA__ASTORIA_CC1 323568	70.62 3.05 0.00	46.68 2.26 0.00	40.95 1.86 0.00	40.22 1.81 0.00	44.61 1.77 0.00	52.63 2.41 0.00	59.42 2.90 0.00	67.15 3.21 0.00	84.38 4.01 0.00	57.83 2.88 0.00	57.82 3.03 0.00	48.27 2.57 0.00	42.56 2.46 0.00	47.34 2.55 0.00	57.15 3.05 0.00	68.55 3.30 0.00	76.21 3.57 0.00	110.71 5.47 0.00	105.68 5.18 0.00	124.23 6.12 0.00
NYPA__ASTORIA_CC2 323569	70.62 3.05 0.00	46.68 2.26 0.00	40.95 1.86 0.00	40.22 1.81 0.00	44.61 1.77 0.00	52.63 2.41 0.00	59.42 2.90 0.00	67.15 3.21 0.00	84.38 4.01 0.00	57.83 2.88 0.00	57.82 3.03 0.00	48.27 2.57 0.00	42.56 2.46 0.00	47.34 2.55 0.00	57.15 3.05 0.00	68.55 3.30 0.00	76.21 3.57 0.00	110.71 5.47 0.00	105.68 5.18 0.00	124.23 6.12 0.00
NYPA__HOLTSVILL 23794	71.72 4.15 0.00	47.00 2.58 0.00	41.22 2.13 0.00	40.32 1.90 0.00	44.80 1.96 0.00	53.22 2.99 0.00	60.14 3.62 0.00	67.79 3.86 0.00	86.39 3.75 -2.27	60.27 3.24 -2.09	57.97 3.18 0.00	48.34 2.64 0.00	42.39 2.29 0.00	47.47 2.69 0.00	57.79 3.68 0.00	69.71 4.46 0.00	84.24 4.68 -6.91	128.37 6.38 -16.75	131.20 5.79 -24.90	124.58 6.46 -0.01
NYPA____HELLGATE_GT1 24158	70.44 2.86 0.00	46.56 2.14 0.00	40.77 1.67 0.00	40.05 1.63 0.00	44.45 1.61 0.00	52.48 2.26 0.00	59.32 2.80 0.00	66.94 3.01 0.00	84.16 3.80 0.00	57.64 2.70 0.00	57.59 2.79 0.00	48.09 2.39 0.00	42.42 2.32 0.00	47.08 2.30 0.00	56.92 2.82 0.00	68.30 3.05 0.00	75.98 3.34 0.00	110.40 5.16 0.00	105.34 4.84 0.00	123.98 5.87 0.00
NYPA____HELLGATE_GT2 24159	70.44 2.86 0.00	46.56 2.14 0.00	40.77 1.67 0.00	40.05 1.63 0.00	44.45 1.61 0.00	52.48 2.26 0.00	59.32 2.80 0.00	66.94 3.01 0.00	84.16 3.80 0.00	57.64 2.70 0.00	57.59 2.79 0.00	48.09 2.39 0.00	42.42 2.32 0.00	47.08 2.30 0.00	56.92 2.82 0.00	68.30 3.05 0.00	75.98 3.34 0.00	110.40 5.16 0.00	105.34 4.84 0.00	123.98 5.87 0.00
NYS_BARGE__HYD 23848	59.73 -5.14 2.71	39.34 -3.48 1.60	34.25 -3.08 1.77	33.65 -2.97 1.80	38.35 -2.91 1.58	45.34 -4.18 0.69	49.71 -6.04 0.76	56.58 -7.36 0.00	71.55 -8.82 0.00	49.58 -5.37 0.00	49.75 -5.04 0.00	41.54 -4.15 0.00	36.49 -3.61 0.00	40.96 -3.83 0.00	49.11 -4.99 0.00	58.63 -6.62 0.00	64.42 -8.22 0.00	94.40 -10.84 0.00	89.36 -11.14 0.00	105.56 -12.54 0.00
OAK ORCHARD__HYD 24046	63.42 -2.71 1.45	41.70 -1.86 0.85	36.54 -1.61 0.94	35.91 -1.55 0.96	40.48 -1.51 0.85	47.60 -2.25 0.37	53.06 -3.04 0.42	60.33 -3.61 0.00	76.05 -4.32 0.00	52.24 -2.71 0.00	52.23 -2.56 0.00	43.50 -2.19 0.00	38.13 -1.97 0.00	42.79 -2.00 0.00	51.59 -2.51 0.00	62.14 -3.11 0.00	68.92 -3.71 0.00	100.62 -4.61 0.00	95.52 -4.98 0.00	112.55 -5.56 0.00

OAKDALE__35_KV_LOAD 356122	66.53 -1.05 0.00	43.67 -0.75 0.00	38.46 -0.63 0.00	37.86 -0.56 0.00	42.24 -0.60 0.00	49.35 -0.87 0.00	55.69 -0.83 0.00	63.04 -0.90 0.00	79.23 -1.14 0.00	54.14 -0.82 0.00	53.76 -1.04 0.00	44.82 -0.87 0.00	39.35 -0.75 0.00	43.96 -0.82 0.00	53.10 -1.01 0.00	64.25 -1.00 0.00	71.27 -1.37 0.00	103.45 -1.78 0.00	98.70 -1.80 0.00	116.19 -1.92 0.00
OCC_CHEM__DRP 24175	61.89 -5.69 0.00	40.53 -3.89 0.00	35.68 -3.41 0.00	35.12 -3.30 0.00	39.50 -3.34 0.00	45.40 -4.82 0.00	49.93 -6.60 0.00	55.66 -8.28 0.00	70.30 -10.07 0.00	48.74 -6.22 0.00	48.91 -5.89 0.00	40.82 -4.88 0.00	35.87 -4.23 0.00	40.20 -4.59 0.00	48.16 -5.94 0.00	57.66 -7.59 0.00	63.54 -9.09 0.00	93.04 -12.20 0.00	88.01 -12.49 0.00	103.92 -14.19 0.00
OH_GEN_PROXY 24063	59.10 -5.24 3.23	38.99 -3.52 1.91	33.90 -3.09 2.11	33.28 -2.99 2.15	37.60 -3.01 2.23	41.51 -4.38 4.33	49.64 -5.98 0.90	56.66 -7.28 0.00	65.48 -8.80 6.09	46.61 -5.40 2.94	47.71 -5.07 2.01	41.50 -4.19 0.00	36.43 -3.67 0.00	40.86 -3.93 0.00	49.01 -5.09 0.00	58.74 -6.50 0.00	64.70 -7.94 0.00	94.72 -10.51 0.00	89.71 -10.79 0.00	105.92 -12.18 0.00
OLIN_CORP_DRP 24177	61.68 -5.90 0.00	40.43 -3.99 0.00	35.58 -3.51 0.00	35.01 -3.41 0.00	39.46 -3.38 0.00	45.57 -4.65 0.00	49.83 -6.70 0.00	55.82 -8.12 0.00	70.65 -9.71 0.00	49.01 -5.94 0.00	49.24 -5.55 0.00	41.18 -4.51 0.00	36.19 -3.91 0.00	40.58 -4.21 0.00	48.63 -5.48 0.00	57.90 -7.34 0.00	63.54 -9.09 0.00	93.08 -12.16 0.00	88.08 -12.42 0.00	104.03 -14.08 0.00
OLIN_CORP_DSASP 323712	61.89 -5.69 0.00	40.53 -3.89 0.00	35.68 -3.41 0.00	35.12 -3.30 0.00	39.50 -3.34 0.00	45.40 -4.82 0.00	49.93 -6.60 0.00	55.66 -8.28 0.00	70.30 -10.07 0.00	48.74 -6.22 0.00	48.91 -5.89 0.00	40.82 -4.88 0.00	35.87 -4.23 0.00	40.20 -4.59 0.00	48.16 -5.94 0.00	57.66 -7.59 0.00	63.54 -9.09 0.00	93.04 -12.20 0.00	88.01 -12.49 0.00	103.92 -14.19 0.00
ONEIDA_HERK_LFGE 323681	68.68 1.11 0.00	45.20 0.78 0.00	40.00 0.90 0.00	39.40 0.98 0.00	43.96 1.13 0.00	51.64 1.42 0.00	58.38 1.86 0.00	66.18 2.24 0.00	83.17 2.80 0.00	56.78 1.83 0.00	56.56 1.76 0.00	47.05 1.35 0.00	40.83 0.74 0.00	45.38 0.60 0.00	54.89 0.79 0.00	66.51 1.26 0.00	74.65 2.01 0.00	108.09 2.85 0.00	102.99 2.49 0.00	120.84 2.73 0.00
ONEIDA__115KV_TB4 55905	68.85 1.27 0.00	45.24 0.82 0.00	39.94 0.84 0.00	39.35 0.93 0.00	43.93 1.09 0.00	51.60 1.38 0.00	58.41 1.89 0.00	66.16 2.22 0.00	83.15 2.77 0.00	56.71 1.76 0.00	56.39 1.60 0.00	46.71 1.02 0.00	40.64 0.54 0.00	45.31 0.53 0.00	54.83 0.73 0.00	66.78 1.53 0.00	74.74 2.10 0.00	108.44 3.20 0.00	103.37 2.87 0.00	121.31 3.20 0.00
ONONDAGA_REF_OCCRA 23987	66.38 -1.19 0.00	43.57 -0.86 0.00	38.39 -0.71 0.00	37.86 -0.56 0.00	42.16 -0.68 0.00	49.47 -0.75 0.00	55.66 -0.86 0.00	62.93 -1.00 0.00	79.05 -1.32 0.00	53.99 -0.96 0.00	53.66 -1.14 0.00	44.69 -1.00 0.00	39.18 -0.92 0.00	43.76 -1.03 0.00	52.87 -1.23 0.00	64.04 -1.21 0.00	71.38 -1.27 0.00	103.58 -1.66 0.00	98.73 -1.77 0.00	116.09 -2.02 0.00
ONONDAGA__COGEN 23986	66.28 -1.30 0.00	43.50 -0.92 0.00	38.33 -0.76 0.00	37.73 -0.69 0.00	42.11 -0.73 0.00	49.32 -0.90 0.00	55.54 -0.98 0.00	62.83 -1.11 0.00	78.91 -1.47 0.00	53.90 -1.05 0.00	53.64 -1.15 0.00	44.67 -1.02 0.00	39.17 -0.93 0.00	43.76 -1.02 0.00	52.87 -1.23 0.00	63.97 -1.28 0.00	71.25 -1.39 0.00	103.44 -1.79 0.00	98.58 -1.92 0.00	115.86 -2.24 0.00
ONTARIO__LFGE 23819	65.82 -1.75 0.00	43.36 -1.06 0.00	38.37 -0.72 0.00	37.74 -0.68 0.00	42.27 -0.57 0.00	49.24 -0.98 0.00	55.14 -1.39 0.00	62.31 -1.63 0.00	78.25 -2.13 0.00	53.19 -1.76 0.00	52.81 -1.99 0.00	44.21 -1.48 0.00	38.71 -1.39 0.00	43.45 -1.34 0.00	52.25 -1.85 0.00	63.23 -2.02 0.00	70.33 -2.31 0.00	102.51 -2.73 0.00	97.63 -2.87 0.00	115.02 -3.09 0.00
ORANGEVILLE_WT_PWR 323706	62.37 -4.11 1.10	40.98 -2.79 0.65	35.95 -2.43 0.72	35.44 -2.25 0.73	40.04 -2.15 0.64	46.63 -3.31 0.28	51.74 -4.47 0.31	58.13 -5.80 0.00	73.32 -7.05 0.00	50.14 -4.81 0.00	49.87 -4.92 0.00	41.58 -4.11 0.00	36.36 -3.74 0.00	41.00 -3.79 0.00	49.08 -5.02 0.00	59.42 -5.82 0.00	65.51 -7.13 0.00	95.78 -9.46 0.00	91.24 -9.26 0.00	108.37 -9.73 0.00
ORANGEVILLE__ESR 323794	62.37 -4.11 1.10	40.98 -2.79 0.65	35.95 -2.43 0.72	35.44 -2.25 0.73	40.04 -2.15 0.64	46.63 -3.31 0.28	51.74 -4.47 0.31	58.13 -5.80 0.00	73.32 -7.05 0.00	50.14 -4.81 0.00	49.87 -4.92 0.00	41.58 -4.11 0.00	36.36 -3.74 0.00	41.00 -3.79 0.00	49.08 -5.02 0.00	59.42 -5.82 0.00	65.51 -7.13 0.00	95.78 -9.46 0.00	91.24 -9.26 0.00	108.37 -9.73 0.00
OSWEGATCHIE__HYD 24044	68.24 0.66 0.00	44.99 0.57 0.00	39.87 0.77 0.00	39.27 0.86 0.00	43.87 1.03 0.00	51.27 1.05 0.00	57.74 1.22 0.00	65.61 1.67 0.00	82.52 2.15 0.00	56.54 1.59 0.00	56.49 1.69 0.00	47.17 1.48 0.00	40.91 0.82 0.00	45.42 0.64 0.00	54.78 0.68 0.00	65.89 0.64 0.00	73.38 0.75 0.00	106.07 0.83 0.00	100.92 0.42 0.00	118.24 0.13 0.00
OSWEGO__5 23606	65.17 -2.41 0.00	42.82 -1.60 0.00	37.73 -1.37 0.00	37.09 -1.33 0.00	41.38 -1.46 0.00	48.45 -1.77 0.00	54.52 -2.00 0.00	61.65 -2.28 0.00	77.51 -2.86 0.00	52.98 -1.97 0.00	52.78 -2.01 0.00	44.00 -1.70 0.00	38.58 -1.51 0.00	43.09 -1.70 0.00	52.01 -2.09 0.00	62.84 -2.41 0.00	69.97 -2.67 0.00	101.51 -3.73 0.00	96.78 -3.72 0.00	113.85 -4.26 0.00
OSWEGO__6 23613	65.17 -2.41 0.00	42.82 -1.60 0.00	37.73 -1.37 0.00	37.09 -1.33 0.00	41.38 -1.46 0.00	48.45 -1.77 0.00	54.52 -2.00 0.00	61.65 -2.28 0.00	77.51 -2.86 0.00	52.98 -1.97 0.00	52.78 -2.01 0.00	44.00 -1.70 0.00	38.58 -1.51 0.00	43.09 -1.70 0.00	52.01 -2.09 0.00	62.84 -2.41 0.00	69.97 -2.67 0.00	101.51 -3.73 0.00	96.78 -3.72 0.00	113.85 -4.26 0.00

OUTOKUMPU-AB___DRP 24206	63.34 -4.24 0.00	41.51 -2.91 0.00	36.52 -2.57 0.00	35.96 -2.46 0.00	40.46 -2.38 0.00	46.62 -3.60 0.00	51.33 -5.20 0.00	57.44 -6.49 0.00	72.60 -7.77 0.00	50.24 -4.71 0.00	50.38 -4.41 0.00	42.05 -3.64 0.00	36.92 -3.18 0.00	41.44 -3.35 0.00	49.65 -4.45 0.00	59.47 -5.78 0.00	65.45 -7.19 0.00	95.91 -9.33 0.00	90.73 -9.77 0.00	107.22 -10.89 0.00
OXBOW___BTM 323836	59.70 -4.84 3.04	39.32 -3.31 1.79	34.20 -2.92 1.98	33.60 -2.80 2.02	38.31 -2.76 1.77	45.34 -4.11 0.78	49.91 -5.76 0.85	56.68 -7.25 0.00	71.59 -8.78 0.00	49.61 -5.34 0.00	49.77 -5.02 0.00	41.53 -4.16 0.00	36.48 -3.62 0.00	40.93 -3.85 0.00	49.01 -5.09 0.00	58.71 -6.54 0.00	64.64 -8.00 0.00	94.62 -10.62 0.00	89.29 -11.21 0.00	105.45 -12.66 0.00
OXBOW___ 24026	62.74 -4.84 0.00	41.10 -3.32 0.00	36.17 -2.93 0.00	35.61 -2.81 0.00	40.06 -2.78 0.00	46.11 -4.12 0.00	50.75 -5.77 0.00	56.69 -7.25 0.00	71.61 -8.75 0.00	49.62 -5.33 0.00	49.77 -5.02 0.00	41.53 -4.17 0.00	36.48 -3.62 0.00	40.93 -3.86 0.00	49.01 -5.09 0.00	58.70 -6.55 0.00	64.64 -7.99 0.00	94.61 -10.63 0.00	89.30 -11.20 0.00	105.45 -12.66 0.00
OXY_CHEM_DSASP 323612	61.89 -5.69 0.00	40.53 -3.89 0.00	35.68 -3.41 0.00	35.12 -3.30 0.00	39.50 -3.34 0.00	45.40 -4.82 0.00	49.93 -6.60 0.00	55.66 -8.28 0.00	70.30 -10.07 0.00	48.74 -6.22 0.00	48.91 -5.89 0.00	40.82 -4.88 0.00	35.87 -4.23 0.00	40.20 -4.59 0.00	48.16 -5.94 0.00	57.66 -7.59 0.00	63.54 -9.09 0.00	93.04 -12.20 0.00	88.01 -12.49 0.00	103.92 -14.19 0.00
OZONE_PARK_ESR 323760	71.24 3.66 0.00	46.96 2.54 0.00	41.18 2.09 0.00	40.42 2.00 0.00	44.94 2.10 0.00	53.00 2.78 0.00	59.96 3.44 0.00	67.88 3.94 0.00	85.17 4.80 0.00	58.34 3.39 0.00	58.19 3.40 0.00	48.58 2.89 0.00	42.82 2.72 0.00	47.77 2.98 0.00	57.66 3.56 0.00	69.32 4.07 0.00	77.18 4.55 0.00	112.20 6.96 0.00	107.17 6.67 0.00	125.90 7.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	61.89 -5.69 0.00	40.53 -3.89 0.00	35.68 -3.41 0.00	35.12 -3.30 0.00	39.50 -3.34 0.00	45.40 -4.82 0.00	49.93 -6.60 0.00	55.66 -8.28 0.00	70.30 -10.07 0.00	48.74 -6.22 0.00	48.91 -5.89 0.00	40.82 -4.88 0.00	35.87 -4.23 0.00	40.20 -4.59 0.00	48.16 -5.94 0.00	57.66 -7.59 0.00	63.54 -9.09 0.00	93.04 -12.20 0.00	88.01 -12.49 0.00	103.92 -14.19 0.00
PACKARD___115KV_DUPONT_184 80571	58.87 -5.68 3.03	38.76 -3.87 1.79	33.72 -3.41 1.97	33.12 -3.29 2.01	37.75 -3.33 1.76	44.64 -4.81 0.77	49.09 -6.59 0.84	55.66 -8.28 0.00	70.28 -10.09 0.00	48.73 -6.21 0.00	48.91 -5.88 0.00	40.83 -4.87 0.00	35.86 -4.23 0.00	40.21 -4.58 0.00	48.16 -5.94 0.00	57.68 -7.57 0.00	63.55 -9.09 0.00	93.04 -12.19 0.00	88.00 -12.50 0.00	103.92 -14.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	70.62 3.04 0.00	46.65 2.24 0.00	40.86 1.77 0.00	40.14 1.72 0.00	44.55 1.71 0.00	52.58 2.36 0.00	59.37 2.85 0.00	67.06 3.12 0.00	84.28 3.91 0.00	57.73 2.78 0.00	57.65 2.86 0.00	48.12 2.43 0.00	42.39 2.30 0.00	47.14 2.36 0.00	56.99 2.88 0.00	68.40 3.15 0.00	76.13 3.49 0.00	110.61 5.37 0.00	105.56 5.06 0.00	124.22 6.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	71.96 4.38 0.00	47.53 3.11 0.00	41.62 2.52 0.00	40.91 2.49 0.00	45.44 2.60 0.00	53.66 3.44 0.00	60.60 4.08 0.00	68.54 4.59 0.00	86.11 5.74 0.00	58.90 3.95 0.00	58.83 4.04 0.00	49.04 3.35 0.00	43.21 3.12 0.00	48.06 3.27 0.00	58.10 4.00 0.00	69.81 4.56 0.00	77.73 5.09 0.00	112.94 7.70 0.00	107.67 7.17 0.00	126.81 8.70 0.00
PATROON___115KV_TB1 80586	69.83 2.26 0.00	45.88 1.46 0.00	40.25 1.15 0.00	39.49 1.07 0.00	43.88 1.04 0.00	51.42 1.20 0.00	57.89 1.37 0.00	65.40 1.46 0.00	82.15 1.78 0.00	55.89 0.94 0.00	55.66 0.86 0.00	46.48 0.79 0.00	40.78 0.69 0.00	45.60 0.82 0.00	55.10 0.99 0.00	66.32 1.07 0.00	73.93 1.30 0.00	106.87 1.63 0.00	102.27 1.77 0.00	120.24 2.13 0.00
PATTRSNVILLE___SOLAR 323815	69.41 1.83 0.00	45.62 1.20 0.00	40.12 1.03 0.00	39.42 1.00 0.00	43.96 1.12 0.00	51.70 1.48 0.00	58.38 1.86 0.00	66.02 2.09 0.00	82.74 2.37 0.00	55.92 0.97 0.00	55.63 0.83 0.00	46.43 0.74 0.00	40.68 0.59 0.00	45.47 0.68 0.00	54.97 0.87 0.00	66.94 1.69 0.00	75.29 2.65 0.00	109.07 3.83 0.00	104.22 3.72 0.00	122.48 4.37 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	65.44 -2.14 0.00	42.93 -1.49 0.00	37.75 -1.35 0.00	37.17 -1.25 0.00	41.77 -1.06 0.00	48.13 -2.09 0.00	53.35 -3.17 0.00	59.82 -4.12 0.00	75.52 -4.85 0.00	52.23 -2.72 0.00	52.29 -2.51 0.00	43.62 -2.07 0.00	38.27 -1.83 0.00	42.93 -1.86 0.00	51.50 -2.60 0.00	61.91 -3.34 0.00	68.10 -4.54 0.00	99.76 -5.48 0.00	94.63 -5.87 0.00	111.93 -6.18 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	70.99 3.41 0.00	46.70 2.29 0.00	41.00 1.91 0.00	40.27 1.85 0.00	44.81 1.97 0.00	52.80 2.58 0.00	59.73 3.21 0.00	67.55 3.61 0.00	84.70 4.33 0.00	57.92 2.97 0.00	57.69 2.90 0.00	48.13 2.44 0.00	42.37 2.27 0.00	47.35 2.56 0.00	57.19 3.09 0.00	68.94 3.69 0.00	76.88 4.24 0.00	111.64 6.40 0.00	106.71 6.21 0.00	125.43 7.32 0.00
PEEKSKILL___ 23653	69.99 2.41 0.00	46.10 1.68 0.00	40.46 1.37 0.00	39.73 1.31 0.00	44.18 1.34 0.00	52.05 1.83 0.00	58.85 2.33 0.00	66.54 2.61 0.00	83.42 3.05 0.00	57.09 2.14 0.00	56.92 2.13 0.00	47.51 1.82 0.00	41.85 1.75 0.00	46.71 1.92 0.00	56.43 2.33 0.00	67.90 2.65 0.00	75.67 3.03 0.00	109.85 4.61 0.00	105.00 4.50 0.00	123.30 5.19 0.00
PGE MADISON___WINDPWR 24146	69.31 1.74 0.00	45.44 1.02 0.00	40.21 1.11 0.00	40.04 1.63 0.00	45.01 2.17 0.00	53.24 3.02 0.00	60.64 4.12 0.00	69.29 5.35 0.00	87.51 7.14 0.00	59.07 4.12 0.00	57.81 3.02 0.00	47.88 2.19 0.00	41.48 1.39 0.00	46.33 1.54 0.00	56.41 2.31 0.00	69.62 4.37 0.00	77.78 5.14 0.00	112.87 7.63 0.00	106.86 6.36 0.00	125.55 7.44 0.00

PIERCEFIELD___HYD 23852	69.49 1.91 0.00	45.75 1.33 0.00	40.34 1.25 0.00	39.67 1.25 0.00	44.35 1.51 0.00	51.88 1.66 0.00	58.17 1.64 0.00	66.14 2.20 0.00	83.26 2.89 0.00	57.23 2.28 0.00	57.32 2.53 0.00	47.78 2.08 0.00	41.75 1.65 0.00	46.52 1.73 0.00	56.06 1.96 0.00	67.10 1.85 0.00	74.16 1.52 0.00	107.28 2.04 0.00	102.37 1.86 0.00	120.00 1.89 0.00
PINELAWN_CC_1 323563	71.59 4.01 0.00	46.94 2.52 0.00	41.16 2.07 0.00	40.27 1.85 0.00	44.75 1.92 0.00	53.09 2.87 0.00	59.94 3.42 0.00	67.68 3.74 0.00	86.53 3.69 -2.47	60.38 3.15 -2.27	57.93 3.13 0.00	48.27 2.58 0.00	42.34 2.24 0.00	47.43 2.64 0.00	57.76 3.66 0.00	69.54 4.30 0.00	84.08 4.68 -6.76	122.74 6.59 -10.91	131.60 6.40 -24.71	125.55 7.43 -0.01
PJM_GEN_HTP_PROXY 323702	70.35 2.78 0.00	46.38 1.96 0.00	41.18 1.61 -0.48	39.95 1.54 0.00	44.41 1.58 0.00	52.36 2.14 0.00	59.21 2.69 0.00	66.96 3.03 0.00	84.01 3.64 0.00	57.56 2.61 0.00	57.43 2.64 0.00	47.97 2.26 -0.02	42.26 2.17 0.00	47.15 2.37 0.00	56.94 2.84 0.00	70.11 3.19 -1.67	76.19 3.55 0.00	110.62 5.38 0.00	105.70 5.20 0.00	124.13 6.02 0.00
PJM_GEN_KEystone 24065	63.18 -0.87 3.53	41.79 -0.55 2.08	36.71 -0.57 1.81	35.55 -0.53 2.34	40.21 -0.58 2.05	48.41 -0.91 0.90	54.54 -1.01 0.98	62.67 -1.27 0.00	76.38 -1.70 2.29	53.97 -0.98 0.00	53.85 -0.95 0.00	44.93 -0.78 -0.02	37.13 -0.60 2.37	44.18 -0.61 0.00	47.17 -0.87 6.06	65.77 -1.15 -1.67	68.07 -1.67 2.90	97.52 -1.90 5.82	98.54 -1.96 0.00	94.30 -2.03 21.78
PJM_GEN_NEPTUNE_PROXY 323594	70.74 3.16 0.00	46.43 2.01 0.00	41.19 1.62 -0.48	39.87 1.45 0.00	44.32 1.48 0.00	52.48 2.26 0.00	59.27 2.75 0.00	66.87 2.94 0.00	85.29 2.79 -2.13	59.45 2.54 -1.96	57.39 2.59 0.00	47.89 2.18 -0.02	42.03 1.94 0.00	47.03 2.24 0.00	57.10 3.00 0.00	70.37 3.45 -1.67	82.00 3.68 -5.67	118.28 5.19 -7.85	126.40 5.09 -20.80	124.00 5.88 -0.01
PJM_GEN_VFT_PROXY 323633	70.16 2.58 0.00	46.28 1.87 0.00	41.09 1.52 -0.48	39.85 1.44 0.00	44.30 1.46 0.00	52.23 2.01 0.00	59.06 2.53 0.00	66.77 2.83 0.00	83.76 3.39 0.00	57.36 2.42 0.00	57.22 2.43 0.00	47.79 2.08 -0.02	42.13 2.03 0.00	46.99 2.20 0.00	56.75 2.65 0.00	69.85 2.93 -1.67	75.88 3.24 0.00	110.33 5.09 0.00	105.43 4.93 0.00	123.78 5.67 0.00
PLATSBURG_115KV_PMLD1 355749	69.00 1.42 0.00	45.39 0.98 0.00	39.97 0.88 0.00	39.46 1.05 0.00	44.07 1.24 0.00	51.64 1.41 0.00	57.89 1.37 0.00	66.00 2.07 0.00	83.13 2.76 0.00	57.14 2.19 0.00	57.31 2.52 0.00	47.74 2.05 0.00	42.00 1.90 0.00	47.00 2.21 0.00	56.72 2.62 0.00	68.14 2.89 0.00	75.43 2.79 0.00	109.10 3.86 0.00	103.88 3.38 0.00	122.11 4.00 0.00
PLEASANTVLY___LBMP 24000	69.82 2.25 0.00	45.97 1.55 0.00	40.34 1.25 0.00	39.63 1.21 0.00	44.08 1.24 0.00	51.88 1.66 0.00	58.62 2.10 0.00	66.23 2.28 0.00	83.06 2.68 0.00	56.85 1.89 0.00	56.66 1.87 0.00	47.31 1.61 0.00	41.67 1.57 0.00	46.54 1.75 0.00	56.23 2.13 0.00	67.67 2.42 0.00	75.45 2.81 0.00	109.37 4.13 0.00	104.53 4.02 0.00	122.83 4.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	70.31 2.73 0.00	46.30 1.88 0.00	40.64 1.55 0.00	39.90 1.48 0.00	44.37 1.53 0.00	52.27 2.05 0.00	59.11 2.59 0.00	66.79 2.85 0.00	83.72 3.35 0.00	57.32 2.37 0.00	57.18 2.38 0.00	47.72 2.03 0.00	42.04 1.94 0.00	46.94 2.15 0.00	56.69 2.59 0.00	68.20 2.95 0.00	75.99 3.35 0.00	110.29 5.05 0.00	105.46 4.96 0.00	123.90 5.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	70.31 2.73 0.00	46.30 1.88 0.00	40.64 1.55 0.00	39.90 1.48 0.00	44.37 1.53 0.00	52.27 2.05 0.00	59.11 2.59 0.00	66.79 2.85 0.00	83.72 3.35 0.00	57.32 2.37 0.00	57.18 2.38 0.00	47.72 2.03 0.00	42.04 1.94 0.00	46.94 2.15 0.00	56.69 2.59 0.00	68.20 2.95 0.00	75.99 3.35 0.00	110.29 5.05 0.00	105.46 4.96 0.00	123.90 5.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	70.55 2.97 0.00	46.42 2.01 0.00	40.73 1.64 0.00	40.02 1.60 0.00	44.52 1.68 0.00	52.42 2.20 0.00	59.26 2.74 0.00	66.99 3.05 0.00	84.01 3.64 0.00	57.40 2.45 0.00	57.15 2.36 0.00	47.67 1.98 0.00	41.97 1.87 0.00	46.91 2.12 0.00	56.70 2.60 0.00	68.37 3.12 0.00	76.31 3.67 0.00	110.70 5.46 0.00	105.83 5.33 0.00	124.37 6.26 0.00
POLETTI_____ 23519	61.16 2.71 9.13	42.77 1.92 3.57	40.43 1.57 0.23	39.85 1.50 0.07	42.76 1.53 1.60	42.75 2.09 9.56	42.76 2.63 16.39	47.03 2.96 19.87	66.63 3.57 17.30	44.56 2.57 12.96	57.41 2.62 0.00	47.93 2.24 0.00	42.27 2.17 0.00	47.15 2.36 0.00	56.91 2.81 0.00	64.74 3.13 3.64	73.21 3.47 2.90	106.70 5.31 3.85	102.89 5.11 2.72	120.34 5.91 3.68
POMONA___ESR 323819	69.91 2.33 0.00	46.05 1.63 0.00	40.42 1.33 0.00	39.68 1.27 0.00	44.13 1.30 0.00	51.99 1.76 0.00	58.79 2.27 0.00	66.47 2.54 0.00	83.31 2.94 0.00	56.98 2.03 0.00	56.82 2.03 0.00	47.41 1.72 0.00	41.76 1.66 0.00	46.61 1.83 0.00	56.31 2.21 0.00	67.75 2.50 0.00	75.54 2.91 0.00	109.66 4.43 0.00	104.82 4.32 0.00	123.19 5.08 0.00
PORT_JEFF_3 23555	71.89 4.31 0.00	47.10 2.68 0.00	41.31 2.22 0.00	40.40 1.98 0.00	44.89 2.05 0.00	53.33 3.11 0.00	60.27 3.75 0.00	67.97 4.03 0.00	86.60 3.96 -2.27	60.41 3.37 -2.09	58.10 3.31 0.00	48.43 2.74 0.00	42.48 2.38 0.00	47.58 2.80 0.00	57.93 3.83 0.00	69.91 4.66 0.00	84.43 4.92 -6.87	128.27 6.77 -16.26	131.44 6.18 -24.76	124.94 6.82 -0.01
PORT_JEFF_4 23616	71.89 4.31 0.00	47.10 2.68 0.00	41.31 2.22 0.00	40.40 1.98 0.00	44.89 2.05 0.00	53.33 3.11 0.00	60.27 3.75 0.00	67.97 4.03 0.00	86.60 3.96 -2.27	60.41 3.37 -2.09	58.10 3.31 0.00	48.43 2.74 0.00	42.48 2.38 0.00	47.58 2.80 0.00	57.93 3.83 0.00	69.91 4.66 0.00	84.43 4.92 -6.87	128.27 6.77 -16.26	131.44 6.18 -24.76	124.94 6.82 -0.01

PORT__JEFF_IC 23713	71.98 4.40 0.00	47.15 2.73 0.00	41.35 2.26 0.00	40.44 2.02 0.00	44.93 2.10 0.00	53.40 3.18 0.00	60.37 3.85 0.00	68.09 4.15 0.00	86.72 4.08 -2.28	60.51 3.47 -2.10	58.19 3.40 0.00	48.51 2.82 0.00	42.53 2.43 0.00	47.65 2.86 0.00	58.02 3.92 0.00	70.05 4.80 0.00	84.46 5.07 -6.74	127.13 6.98 -14.91	131.25 6.38 -24.37	125.18 7.06 -0.01
PPL PILGRIM_ST_GT1 24216	72.09 4.51 0.00	47.24 2.82 0.00	41.42 2.33 0.00	40.50 2.08 0.00	45.00 2.16 0.00	53.44 3.21 0.00	60.22 3.69 0.00	67.95 4.01 0.00	86.69 4.02 -2.30	60.62 3.55 -2.12	58.29 3.50 0.00	48.61 2.92 0.00	42.63 2.54 0.00	47.74 2.95 0.00	58.14 4.04 0.00	70.08 4.83 0.00	84.65 5.10 -6.91	128.07 6.93 -15.90	132.15 6.73 -24.92	126.01 7.90 -0.01
PPL PILGRIM_ST_GT2 24217	72.09 4.51 0.00	47.24 2.82 0.00	41.42 2.33 0.00	40.50 2.08 0.00	45.00 2.16 0.00	53.44 3.21 0.00	60.22 3.69 0.00	67.95 4.01 0.00	86.69 4.02 -2.30	60.62 3.55 -2.12	58.29 3.50 0.00	48.61 2.92 0.00	42.63 2.54 0.00	47.74 2.95 0.00	58.14 4.04 0.00	70.08 4.83 0.00	84.65 5.10 -6.91	128.07 6.93 -15.90	132.15 6.73 -24.92	126.01 7.90 -0.01
PPL_SHRM_GT3 24213	72.17 4.59 0.00	47.28 2.86 0.00	41.49 2.39 0.00	40.55 2.13 0.00	45.08 2.24 0.00	53.59 3.37 0.00	60.63 4.11 0.00	68.33 4.40 0.00	86.89 4.25 -2.27	60.55 3.51 -2.09	58.21 3.42 0.00	48.51 2.82 0.00	42.54 2.45 0.00	47.71 2.92 0.00	58.18 4.07 0.00	70.39 5.14 0.00	84.93 5.45 -6.84	128.46 7.27 -15.95	131.59 6.41 -24.68	124.82 6.70 -0.01
PPL_SHRM_GT4 24214	72.17 4.59 0.00	47.28 2.86 0.00	41.49 2.39 0.00	40.55 2.13 0.00	45.08 2.24 0.00	53.59 3.37 0.00	60.63 4.11 0.00	68.33 4.40 0.00	86.89 4.25 -2.27	60.55 3.51 -2.09	58.21 3.42 0.00	48.51 2.82 0.00	42.54 2.45 0.00	47.71 2.92 0.00	58.18 4.07 0.00	70.39 5.14 0.00	84.93 5.45 -6.84	128.46 7.27 -15.95	131.59 6.41 -24.68	124.82 6.70 -0.01
PROJECT__ORANGE 1 24174	65.86 -1.72 0.00	43.25 -1.17 0.00	38.11 -0.98 0.00	37.50 -0.92 0.00	41.83 -1.01 0.00	48.99 -1.24 0.00	55.16 -1.36 0.00	62.40 -1.54 0.00	78.41 -1.96 0.00	53.60 -1.35 0.00	53.35 -1.45 0.00	44.45 -1.24 0.00	38.98 -1.12 0.00	43.52 -1.27 0.00	52.57 -1.54 0.00	63.58 -1.67 0.00	70.82 -1.82 0.00	102.80 -2.43 0.00	97.98 -2.52 0.00	115.16 -2.95 0.00
PROJECT__ORANGE 2 24166	65.86 -1.72 0.00	43.25 -1.17 0.00	38.11 -0.98 0.00	37.50 -0.92 0.00	41.83 -1.01 0.00	48.99 -1.24 0.00	55.16 -1.36 0.00	62.40 -1.54 0.00	78.41 -1.96 0.00	53.60 -1.35 0.00	53.35 -1.45 0.00	44.45 -1.24 0.00	38.98 -1.12 0.00	43.52 -1.27 0.00	52.57 -1.54 0.00	63.58 -1.67 0.00	70.82 -1.82 0.00	102.80 -2.43 0.00	97.98 -2.52 0.00	115.16 -2.95 0.00
PUCKETT__SOLAR 323809	68.17 -0.37 -0.97	44.73 -0.27 -0.57	39.61 -0.11 -0.63	39.06 0.00 -0.65	43.46 0.06 -0.56	50.49 0.02 -0.25	57.08 0.29 -0.27	64.48 0.54 0.00	81.20 0.83 0.00	55.10 0.15 0.00	54.35 -0.45 0.00	45.35 -0.34 0.00	39.61 -0.48 0.00	44.41 -0.38 0.00	53.96 -0.14 0.00	65.53 0.27 0.00	72.88 0.24 0.00	105.75 0.52 0.00	100.66 0.16 0.00	118.44 0.34 0.00
PYRITES__HYD 24023	70.75 3.17 0.00	46.55 2.14 0.00	41.02 1.92 0.00	40.33 1.91 0.00	45.11 2.27 0.00	52.78 2.56 0.00	59.22 2.70 0.00	67.33 3.40 0.00	84.79 4.42 0.00	58.31 3.36 0.00	58.33 3.54 0.00	48.65 2.95 0.00	42.58 2.48 0.00	47.39 2.60 0.00	56.93 2.83 0.00	68.30 3.05 0.00	75.66 3.03 0.00	109.58 4.35 0.00	104.56 4.06 0.00	122.60 4.49 0.00
QUAKERRD_115KV_BK1 80622	63.67 -3.91 0.00	41.79 -2.63 0.00	36.81 -2.28 0.00	36.20 -2.23 0.00	40.55 -2.30 0.00	47.18 -3.04 0.00	52.67 -3.85 0.00	59.44 -4.49 0.00	74.88 -5.49 0.00	51.37 -3.58 0.00	51.31 -3.49 0.00	42.78 -2.92 0.00	37.49 -2.60 0.00	42.01 -2.77 0.00	50.70 -3.40 0.00	61.12 -4.12 0.00	67.90 -4.74 0.00	98.98 -6.26 0.00	94.03 -6.47 0.00	110.67 -7.44 0.00
QUENSBRY_115KV_TB8 356137	70.96 3.38 0.00	46.65 2.23 0.00	41.01 1.91 0.00	40.27 1.85 0.00	44.86 2.02 0.00	53.03 2.80 0.00	60.19 3.67 0.00	68.02 4.08 0.00	85.18 4.81 0.00	57.69 2.74 0.00	57.03 2.23 0.00	47.82 2.12 0.00	41.90 1.81 0.00	47.08 2.29 0.00	57.18 3.08 0.00	69.59 4.34 0.00	77.95 5.31 0.00	112.84 7.60 0.00	108.06 7.56 0.00	126.98 8.87 0.00
RAMAPO__LBMP 323565	69.67 2.10 0.00	45.89 1.47 0.00	40.28 1.18 0.00	39.55 1.13 0.00	43.99 1.15 0.00	51.80 1.58 0.00	58.57 2.06 0.00	66.23 2.28 0.00	82.99 2.62 0.00	56.75 1.80 0.00	56.59 1.80 0.00	47.22 1.52 0.00	41.57 1.47 0.00	46.39 1.61 0.00	56.06 1.96 0.00	67.44 2.19 0.00	75.20 2.57 0.00	109.19 3.95 0.00	104.37 3.87 0.00	122.60 4.49 0.00
RANKINE____ 23646	64.38 -3.20 0.00	42.22 -2.20 0.00	37.12 -1.98 0.00	36.56 -1.86 0.00	41.13 -1.71 0.00	47.37 -2.85 0.00	52.39 -4.13 0.00	58.68 -5.26 0.00	74.13 -6.25 0.00	51.20 -3.75 0.00	51.28 -3.51 0.00	42.80 -2.90 0.00	37.52 -2.57 0.00	42.13 -2.66 0.00	50.51 -3.59 0.00	60.70 -4.55 0.00	66.77 -5.87 0.00	97.83 -7.40 0.00	92.81 -7.70 0.00	109.69 -8.42 0.00
RAVENSWOOD_GT2_1 24244	70.54 2.96 0.00	46.50 2.08 0.00	40.81 1.71 0.00	40.06 1.65 0.00	44.53 1.69 0.00	52.48 2.26 0.00	59.33 2.81 0.00	67.07 3.13 0.00	84.17 3.80 0.00	57.67 2.72 0.00	57.55 2.75 0.00	48.04 2.35 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.28 3.64 0.00	110.78 5.55 0.00	105.84 5.34 0.00	124.36 6.25 0.00
RAVENSWOOD_GT2_2 24245	70.54 2.96 0.00	46.50 2.08 0.00	40.81 1.71 0.00	40.06 1.65 0.00	44.53 1.69 0.00	52.48 2.26 0.00	59.33 2.81 0.00	67.07 3.13 0.00	84.17 3.80 0.00	57.67 2.72 0.00	57.55 2.75 0.00	48.04 2.35 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.28 3.64 0.00	110.78 5.55 0.00	105.84 5.34 0.00	124.36 6.25 0.00

RAVENSWOOD_GT2_3 24246	70.55 2.98 0.00	46.52 2.10 0.00	40.82 1.73 0.00	40.07 1.66 0.00	44.55 1.71 0.00	52.51 2.29 0.00	59.35 2.83 0.00	67.10 3.17 0.00	84.19 3.82 0.00	57.68 2.73 0.00	57.58 2.79 0.00	48.06 2.37 0.00	42.37 2.28 0.00	47.27 2.48 0.00	57.07 2.97 0.00	68.58 3.33 0.00	76.33 3.69 0.00	110.84 5.60 0.00	105.91 5.41 0.00	124.37 6.26 0.00
RAVENSWOOD_GT2_4 24247	70.55 2.98 0.00	46.52 2.10 0.00	40.82 1.73 0.00	40.07 1.66 0.00	44.55 1.71 0.00	52.51 2.29 0.00	59.35 2.83 0.00	67.10 3.17 0.00	84.19 3.82 0.00	57.68 2.73 0.00	57.58 2.79 0.00	48.06 2.37 0.00	42.37 2.28 0.00	47.27 2.48 0.00	57.07 2.97 0.00	68.58 3.33 0.00	76.33 3.69 0.00	110.84 5.60 0.00	105.91 5.41 0.00	124.37 6.26 0.00
RAVENSWOOD_GT3_1 24248	70.51 2.93 0.00	46.48 2.06 0.00	40.79 1.70 0.00	40.05 1.63 0.00	44.51 1.67 0.00	52.47 2.25 0.00	59.31 2.79 0.00	67.07 3.13 0.00	84.16 3.79 0.00	57.66 2.71 0.00	57.53 2.74 0.00	48.03 2.34 0.00	42.34 2.24 0.00	47.24 2.45 0.00	57.02 2.92 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.80 5.57 0.00	105.87 5.37 0.00	124.37 6.26 0.00
RAVENSWOOD_GT3_2 24249	70.51 2.93 0.00	46.48 2.06 0.00	40.79 1.70 0.00	40.05 1.63 0.00	44.51 1.67 0.00	52.47 2.25 0.00	59.31 2.79 0.00	67.07 3.13 0.00	84.16 3.79 0.00	57.66 2.71 0.00	57.53 2.74 0.00	48.03 2.34 0.00	42.34 2.24 0.00	47.24 2.45 0.00	57.02 2.92 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.80 5.57 0.00	105.87 5.37 0.00	124.37 6.26 0.00
RAVENSWOOD_GT3_3 24250	70.62 3.04 0.00	46.55 2.13 0.00	40.84 1.75 0.00	40.10 1.68 0.00	44.57 1.73 0.00	52.54 2.32 0.00	59.40 2.88 0.00	67.17 3.23 0.00	84.27 3.90 0.00	57.76 2.81 0.00	57.64 2.84 0.00	48.11 2.41 0.00	42.41 2.32 0.00	47.32 2.53 0.00	57.12 3.02 0.00	68.65 3.40 0.00	76.42 3.78 0.00	110.97 5.74 0.00	106.02 5.52 0.00	124.60 6.49 0.00
RAVENSWOOD_GT3_4 24251	70.62 3.04 0.00	46.55 2.13 0.00	40.84 1.75 0.00	40.10 1.68 0.00	44.57 1.73 0.00	52.54 2.32 0.00	59.40 2.88 0.00	67.17 3.23 0.00	84.27 3.90 0.00	57.76 2.81 0.00	57.64 2.84 0.00	48.11 2.41 0.00	42.41 2.32 0.00	47.32 2.53 0.00	57.12 3.02 0.00	68.65 3.40 0.00	76.42 3.78 0.00	110.97 5.74 0.00	106.02 5.52 0.00	124.60 6.49 0.00
RAVENSWOOD_GT_1 23729	70.70 3.12 0.00	46.71 2.29 0.00	40.97 1.88 0.00	40.24 1.82 0.00	44.66 1.82 0.00	52.68 2.46 0.00	59.46 2.93 0.00	67.20 3.26 0.00	84.42 4.05 0.00	57.84 2.90 0.00	57.85 3.05 0.00	48.28 2.58 0.00	42.56 2.46 0.00	47.39 2.60 0.00	57.19 3.09 0.00	68.63 3.38 0.00	76.28 3.65 0.00	110.82 5.58 0.00	105.79 5.28 0.00	124.35 6.24 0.00
RAVENSWOOD_GT_10 24258	70.54 2.96 0.00	46.49 2.08 0.00	40.80 1.71 0.00	40.06 1.64 0.00	44.53 1.69 0.00	52.48 2.26 0.00	59.33 2.81 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.66 2.72 0.00	57.54 2.74 0.00	48.04 2.35 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.80 5.57 0.00	105.87 5.37 0.00	124.36 6.25 0.00
RAVENSWOOD_GT_11 24259	70.54 2.96 0.00	46.49 2.08 0.00	40.80 1.71 0.00	40.06 1.64 0.00	44.53 1.69 0.00	52.48 2.26 0.00	59.33 2.81 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.66 2.72 0.00	57.54 2.74 0.00	48.04 2.35 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.80 5.57 0.00	105.87 5.37 0.00	124.36 6.25 0.00
RAVENSWOOD_GT_4 24252	70.54 2.96 0.00	46.51 2.09 0.00	40.81 1.71 0.00	40.07 1.65 0.00	44.53 1.69 0.00	52.49 2.27 0.00	59.33 2.81 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.67 2.72 0.00	57.56 2.77 0.00	48.06 2.36 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.81 5.57 0.00	105.86 5.36 0.00	124.36 6.25 0.00
RAVENSWOOD_GT_5 24254	70.54 2.96 0.00	46.51 2.09 0.00	40.81 1.71 0.00	40.07 1.65 0.00	44.53 1.69 0.00	52.49 2.27 0.00	59.33 2.81 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.67 2.72 0.00	57.56 2.77 0.00	48.06 2.36 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.81 5.57 0.00	105.86 5.36 0.00	124.36 6.25 0.00
RAVENSWOOD_GT_6 24253	70.54 2.96 0.00	46.51 2.09 0.00	40.81 1.71 0.00	40.07 1.65 0.00	44.53 1.69 0.00	52.49 2.27 0.00	59.33 2.81 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.67 2.72 0.00	57.56 2.77 0.00	48.06 2.36 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.81 5.57 0.00	105.86 5.36 0.00	124.36 6.25 0.00
RAVENSWOOD_GT_7 24255	70.54 2.96 0.00	46.51 2.09 0.00	40.81 1.71 0.00	40.07 1.65 0.00	44.53 1.69 0.00	52.49 2.27 0.00	59.33 2.81 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.67 2.72 0.00	57.56 2.77 0.00	48.06 2.36 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.81 5.57 0.00	105.86 5.36 0.00	124.36 6.25 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	70.54 2.96 0.00	46.49 2.08 0.00	40.80 1.71 0.00	40.06 1.64 0.00	44.53 1.69 0.00	52.48 2.26 0.00	59.33 2.81 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.66 2.72 0.00	57.54 2.74 0.00	48.04 2.35 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.80 5.57 0.00	105.87 5.37 0.00	124.36 6.25 0.00
RAVENSWOOD_GT_9 24257	70.54 2.96 0.00	46.49 2.08 0.00	40.80 1.71 0.00	40.06 1.64 0.00	44.53 1.69 0.00	52.48 2.26 0.00	59.33 2.81 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.66 2.72 0.00	57.54 2.74 0.00	48.04 2.35 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.03 2.93 0.00	68.54 3.29 0.00	76.29 3.65 0.00	110.80 5.57 0.00	105.87 5.37 0.00	124.36 6.25 0.00

RAVENSWOOD___1 23533	70.69 3.11 0.00	46.73 2.31 0.00	40.98 1.88 0.00	40.26 1.84 0.00	44.65 1.82 0.00	52.70 2.47 0.00	59.48 2.96 0.00	67.22 3.28 0.00	84.47 4.10 0.00	57.89 2.94 0.00	57.88 3.08 0.00	48.31 2.61 0.00	42.58 2.49 0.00	47.38 2.59 0.00	57.22 3.12 0.00	68.61 3.36 0.00	76.26 3.62 0.00	110.77 5.54 0.00	105.75 5.25 0.00	124.24 6.13 0.00
RAVENSWOOD___2 23534	70.34 2.76 0.00	46.64 2.22 0.00	40.91 1.82 0.00	40.19 1.77 0.00	44.57 1.73 0.00	52.61 2.38 0.00	59.39 2.87 0.00	67.09 3.15 0.00	84.30 3.93 0.00	57.78 2.84 0.00	57.77 2.97 0.00	48.22 2.53 0.00	42.51 2.41 0.00	47.30 2.51 0.00	57.11 3.01 0.00	68.35 3.10 0.00	75.77 3.13 0.00	110.01 4.77 0.00	105.07 4.57 0.00	123.41 5.30 0.00
RAVENSWOOD___3 23535	70.53 2.95 0.00	46.49 2.07 0.00	40.80 1.71 0.00	40.05 1.63 0.00	44.52 1.68 0.00	52.49 2.26 0.00	59.31 2.79 0.00	67.07 3.14 0.00	84.17 3.80 0.00	57.66 2.72 0.00	57.54 2.75 0.00	48.04 2.35 0.00	42.35 2.25 0.00	47.24 2.46 0.00	57.04 2.93 0.00	68.54 3.29 0.00	76.28 3.64 0.00	110.80 5.56 0.00	105.86 5.36 0.00	124.37 6.26 0.00
RAVENSWOOD___4 23820	70.69 3.11 0.00	46.73 2.31 0.00	40.98 1.88 0.00	40.26 1.84 0.00	44.65 1.82 0.00	52.70 2.47 0.00	59.48 2.96 0.00	67.22 3.28 0.00	84.47 4.10 0.00	57.89 2.94 0.00	57.88 3.08 0.00	48.31 2.61 0.00	42.58 2.49 0.00	47.38 2.59 0.00	57.22 3.12 0.00	68.61 3.36 0.00	76.26 3.62 0.00	110.77 5.54 0.00	105.75 5.25 0.00	124.24 6.13 0.00
RCPL_TRUST___DRP 24196	70.43 2.85 0.00	46.43 2.01 0.00	40.75 1.66 0.00	40.00 1.59 0.00	44.47 1.63 0.00	52.42 2.20 0.00	59.28 2.76 0.00	67.04 3.10 0.00	84.11 3.74 0.00	57.65 2.70 0.00	57.53 2.73 0.00	48.02 2.33 0.00	42.34 2.24 0.00	47.24 2.45 0.00	57.02 2.92 0.00	68.53 3.28 0.00	76.28 3.64 0.00	110.76 5.52 0.00	105.81 5.31 0.00	124.25 6.14 0.00
RED___ROCHESTER 323720	63.90 -2.22 1.46	42.01 -1.55 0.86	36.79 -1.35 0.95	36.15 -1.30 0.97	40.77 -1.22 0.85	47.95 -1.90 0.37	53.50 -2.60 0.42	60.87 -3.07 0.00	76.71 -3.65 0.00	52.70 -2.25 0.00	52.68 -2.11 0.00	43.87 -1.82 0.00	38.45 -1.65 0.00	43.16 -1.63 0.00	52.03 -2.07 0.00	62.71 -2.54 0.00	69.59 -3.05 0.00	101.61 -3.62 0.00	96.45 -4.05 0.00	113.61 -4.50 0.00
REGAN___SOLAR 323812	70.31 2.73 0.00	46.21 1.79 0.00	40.68 1.59 0.00	39.98 1.56 0.00	44.67 1.83 0.00	52.59 2.36 0.00	59.43 2.91 0.00	67.35 3.41 0.00	84.32 3.94 0.00	56.48 1.53 0.00	56.11 1.32 0.00	46.60 0.90 0.00	40.52 0.42 0.00	45.26 0.48 0.00	54.71 0.61 0.00	67.70 2.45 0.00	76.87 4.23 0.00	111.50 6.27 0.00	106.47 5.97 0.00	124.97 6.86 0.00
RENSSELAER___COGEN 23796	69.33 1.75 0.00	45.54 1.12 0.00	39.96 0.87 0.00	39.21 0.79 0.00	43.58 0.74 0.00	51.05 0.83 0.00	57.42 0.90 0.00	64.86 0.93 0.00	81.46 1.09 0.00	55.46 0.51 0.00	55.20 0.40 0.00	46.09 0.40 0.00	40.46 0.36 0.00	45.22 0.43 0.00	54.63 0.53 0.00	65.74 0.49 0.00	73.33 0.69 0.00	105.98 0.74 0.00	101.45 0.94 0.00	119.18 1.07 0.00
REPUBLIC_115KV_BARTNBK 55605	73.66 6.08 0.00	48.54 4.12 0.00	42.71 3.62 0.00	41.94 3.52 0.00	46.76 3.93 0.00	55.55 5.33 0.00	63.56 7.04 0.00	72.05 8.11 0.00	89.80 9.43 0.00	60.78 5.83 0.00	59.45 4.66 0.00	50.12 4.43 0.00	44.16 4.07 0.00	49.58 4.79 0.00	60.94 6.84 0.00	74.34 9.08 0.00	83.38 10.74 0.00	120.53 15.29 0.00	115.36 14.86 0.00	135.49 17.39 0.00
REVERE_CPPR_DRP 24186	69.55 1.97 0.00	45.73 1.31 0.00	40.38 1.29 0.00	39.77 1.36 0.00	44.40 1.56 0.00	52.19 1.97 0.00	59.11 2.59 0.00	67.01 3.07 0.00	84.22 3.85 0.00	57.48 2.53 0.00	57.20 2.41 0.00	47.45 1.76 0.00	41.14 1.04 0.00	45.81 1.02 0.00	55.46 1.35 0.00	67.58 2.33 0.00	75.75 3.11 0.00	109.91 4.67 0.00	104.70 4.20 0.00	122.84 4.74 0.00
REYNLDPA_13_KV_LD 356490	68.74 1.17 0.00	45.30 0.88 0.00	39.94 0.85 0.00	39.26 0.84 0.00	43.86 1.02 0.00	51.34 1.12 0.00	57.41 0.89 0.00	64.88 0.94 0.00	81.68 1.31 0.00	56.33 1.38 0.00	56.46 1.67 0.00	47.03 1.34 0.00	41.22 1.12 0.00	46.05 1.26 0.00	55.57 1.47 0.00	66.60 1.35 0.00	73.54 0.90 0.00	106.48 1.25 0.00	101.92 1.42 0.00	119.21 1.10 0.00
REYNOLDS_115KV_TB3 80639	69.49 1.91 0.00	45.64 1.22 0.00	40.02 0.92 0.00	39.25 0.83 0.00	43.64 0.81 0.00	51.24 1.02 0.00	57.71 1.19 0.00	65.11 1.17 0.00	81.76 1.39 0.00	55.66 0.71 0.00	55.42 0.63 0.00	46.33 0.64 0.00	40.72 0.63 0.00	45.52 0.74 0.00	55.04 0.94 0.00	66.33 1.08 0.00	74.02 1.38 0.00	106.96 1.72 0.00	102.43 1.93 0.00	120.36 2.25 0.00
RIVERBAY____ 323610	71.96 4.38 0.00	47.53 3.11 0.00	41.62 2.52 0.00	40.91 2.49 0.00	45.44 2.60 0.00	53.66 3.44 0.00	60.60 4.08 0.00	68.54 4.59 0.00	86.11 5.74 0.00	58.90 3.95 0.00	58.83 4.04 0.00	49.04 3.35 0.00	43.21 3.12 0.00	48.06 3.27 0.00	58.10 4.00 0.00	69.81 4.56 0.00	77.73 5.09 0.00	112.94 7.70 0.00	107.67 7.17 0.00	126.81 8.70 0.00
RIVERSDE_115KV_TB3 55908	69.52 1.94 0.00	45.67 1.25 0.00	40.06 0.96 0.00	39.31 0.89 0.00	43.69 0.86 0.00	51.25 1.03 0.00	57.69 1.17 0.00	65.13 1.20 0.00	81.81 1.44 0.00	55.68 0.73 0.00	55.44 0.64 0.00	46.33 0.63 0.00	40.67 0.57 0.00	45.48 0.69 0.00	54.94 0.84 0.00	66.18 0.93 0.00	73.81 1.17 0.00	106.66 1.42 0.00	102.13 1.63 0.00	120.01 1.90 0.00
ROARING___BROOK_WT_PWR 323790	67.17 -0.41 0.00	44.11 -0.30 0.00	39.01 -0.08 0.00	38.39 -0.03 0.00	42.79 -0.05 0.00	50.18 -0.04 0.00	56.61 0.09 0.00	64.13 0.19 0.00	80.65 0.29 0.00	55.21 0.26 0.00	54.99 0.19 0.00	45.66 -0.04 0.00	39.79 -0.30 0.00	44.34 -0.44 0.00	53.48 -0.62 0.00	64.60 -0.65 0.00	72.27 -0.37 0.00	104.30 -0.94 0.00	99.54 -0.96 0.00	117.05 -1.06 0.00

ROCHESRG_115KV_T4 355643	64.53 -3.05 0.00	42.34 -2.08 0.00	37.28 -1.81 0.00	36.67 -1.75 0.00	41.09 -1.74 0.00	47.72 -2.50 0.00	53.17 -3.35 0.00	59.97 -3.96 0.00	75.61 -4.76 0.00	51.95 -3.00 0.00	51.93 -2.86 0.00	43.28 -2.42 0.00	37.94 -2.16 0.00	42.55 -2.24 0.00	51.28 -2.83 0.00	61.75 -3.50 0.00	68.48 -4.16 0.00	99.94 -5.30 0.00	94.90 -5.60 0.00	111.84 -6.27 0.00
ROCHESTER_9_IC 23652	65.05 -2.52 0.00	42.66 -1.76 0.00	37.57 -1.52 0.00	36.95 -1.46 0.00	41.41 -1.43 0.00	48.10 -2.12 0.00	53.63 -2.89 0.00	60.53 -3.41 0.00	76.33 -4.04 0.00	52.41 -2.54 0.00	52.39 -2.40 0.00	43.65 -2.05 0.00	38.25 -1.84 0.00	42.92 -1.87 0.00	51.74 -2.36 0.00	62.33 -2.91 0.00	69.17 -3.46 0.00	100.97 -4.27 0.00	95.85 -4.65 0.00	112.90 -5.21 0.00
ROCKVIEW_13_KV_LD 356306	70.63 3.05 0.00	46.51 2.10 0.00	40.83 1.73 0.00	40.07 1.66 0.00	44.56 1.72 0.00	52.51 2.30 0.00	59.39 2.87 0.00	67.14 3.21 0.00	84.17 3.80 0.00	57.64 2.69 0.00	57.52 2.72 0.00	48.00 2.31 0.00	42.30 2.20 0.00	47.21 2.42 0.00	57.03 2.92 0.00	68.59 3.34 0.00	76.41 3.77 0.00	110.94 5.70 0.00	106.01 5.50 0.00	124.60 6.49 0.00
ROME____115KV_TB2 80656	69.55 1.97 0.00	45.73 1.31 0.00	40.38 1.29 0.00	39.77 1.36 0.00	44.40 1.56 0.00	52.19 1.97 0.00	59.11 2.59 0.00	67.01 3.07 0.00	84.22 3.85 0.00	57.48 2.53 0.00	57.20 2.41 0.00	47.45 1.76 0.00	41.14 1.04 0.00	45.81 1.02 0.00	55.46 1.35 0.00	67.58 2.33 0.00	75.75 3.11 0.00	109.91 4.67 0.00	104.70 4.20 0.00	122.84 4.74 0.00
ROSETON___1 23587	69.72 2.14 0.00	45.90 1.48 0.00	40.30 1.21 0.00	39.57 1.16 0.00	44.02 1.18 0.00	51.83 1.60 0.00	58.56 2.04 0.00	66.17 2.23 0.00	82.97 2.60 0.00	56.77 1.82 0.00	56.60 1.80 0.00	47.24 1.55 0.00	41.60 1.51 0.00	46.45 1.66 0.00	56.13 2.03 0.00	67.55 2.30 0.00	75.31 2.67 0.00	109.17 3.93 0.00	104.39 3.89 0.00	122.70 4.59 0.00
ROSETON___2 23588	69.72 2.14 0.00	45.90 1.48 0.00	40.30 1.21 0.00	39.57 1.16 0.00	44.02 1.18 0.00	51.83 1.60 0.00	58.56 2.04 0.00	66.17 2.23 0.00	82.97 2.60 0.00	56.77 1.82 0.00	56.60 1.80 0.00	47.24 1.55 0.00	41.60 1.51 0.00	46.45 1.66 0.00	56.13 2.03 0.00	67.55 2.30 0.00	75.31 2.67 0.00	109.17 3.93 0.00	104.39 3.89 0.00	122.70 4.59 0.00
ROTRDAM_115KV_TB3 80664	69.25 1.67 0.00	45.51 1.09 0.00	40.00 0.91 0.00	39.28 0.86 0.00	43.77 0.93 0.00	51.45 1.23 0.00	58.07 1.55 0.00	65.60 1.67 0.00	82.34 1.97 0.00	56.03 1.08 0.00	55.75 0.96 0.00	46.55 0.85 0.00	40.86 0.77 0.00	45.69 0.91 0.00	55.29 1.19 0.00	66.92 1.67 0.00	74.76 2.12 0.00	108.24 3.00 0.00	103.51 3.01 0.00	121.65 3.54 0.00
RUSSELL___1 23602	65.36 -2.22 0.00	42.86 -1.56 0.00	37.74 -1.35 0.00	37.12 -1.31 0.00	41.60 -1.24 0.00	48.33 -1.89 0.00	53.91 -2.61 0.00	60.87 -3.07 0.00	76.74 -3.63 0.00	52.70 -2.25 0.00	52.69 -2.10 0.00	43.87 -1.82 0.00	38.45 -1.65 0.00	43.15 -1.63 0.00	52.03 -2.07 0.00	62.71 -2.54 0.00	69.59 -3.05 0.00	101.63 -3.61 0.00	96.46 -4.04 0.00	113.61 -4.50 0.00
RUSSELL___2 23532	65.36 -2.22 0.00	42.86 -1.56 0.00	37.74 -1.35 0.00	37.12 -1.31 0.00	41.60 -1.24 0.00	48.33 -1.89 0.00	53.91 -2.61 0.00	60.87 -3.07 0.00	76.74 -3.63 0.00	52.70 -2.25 0.00	52.69 -2.10 0.00	43.87 -1.82 0.00	38.45 -1.65 0.00	43.15 -1.63 0.00	52.03 -2.07 0.00	62.71 -2.54 0.00	69.59 -3.05 0.00	101.63 -3.61 0.00	96.46 -4.04 0.00	113.61 -4.50 0.00
RUSSELL___3 23549	65.36 -2.22 0.00	42.86 -1.56 0.00	37.74 -1.35 0.00	37.12 -1.31 0.00	41.60 -1.24 0.00	48.33 -1.89 0.00	53.91 -2.61 0.00	60.87 -3.07 0.00	76.74 -3.63 0.00	52.70 -2.25 0.00	52.69 -2.10 0.00	43.87 -1.82 0.00	38.45 -1.65 0.00	43.15 -1.63 0.00	52.03 -2.07 0.00	62.71 -2.54 0.00	69.59 -3.05 0.00	101.63 -3.61 0.00	96.46 -4.04 0.00	113.61 -4.50 0.00
RUSSELL___4 23556	65.36 -2.22 0.00	42.86 -1.56 0.00	37.74 -1.35 0.00	37.12 -1.31 0.00	41.60 -1.24 0.00	48.33 -1.89 0.00	53.91 -2.61 0.00	60.87 -3.07 0.00	76.74 -3.63 0.00	52.70 -2.25 0.00	52.69 -2.10 0.00	43.87 -1.82 0.00	38.45 -1.65 0.00	43.15 -1.63 0.00	52.03 -2.07 0.00	62.71 -2.54 0.00	69.59 -3.05 0.00	101.63 -3.61 0.00	96.46 -4.04 0.00	113.61 -4.50 0.00
RUSSELL___STATION 23914	65.36 -2.22 0.00	42.86 -1.56 0.00	37.74 -1.35 0.00	37.12 -1.31 0.00	41.60 -1.24 0.00	48.33 -1.89 0.00	53.91 -2.61 0.00	60.87 -3.07 0.00	76.74 -3.63 0.00	52.70 -2.25 0.00	52.69 -2.10 0.00	43.87 -1.82 0.00	38.45 -1.65 0.00	43.15 -1.63 0.00	52.03 -2.07 0.00	62.71 -2.54 0.00	69.59 -3.05 0.00	101.63 -3.61 0.00	96.46 -4.04 0.00	113.61 -4.50 0.00
S SALMON___HYD 24043	65.96 -1.62 0.00	43.46 -0.96 0.00	38.44 -0.66 0.00	37.86 -0.56 0.00	42.26 -0.58 0.00	49.51 -0.71 0.00	55.82 -0.70 0.00	63.14 -0.80 0.00	79.39 -0.98 0.00	54.22 -0.73 0.00	54.00 -0.80 0.00	45.07 -0.62 0.00	39.18 -0.92 0.00	43.56 -1.23 0.00	52.49 -1.61 0.00	63.59 -1.66 0.00	71.16 -1.48 0.00	102.95 -2.29 0.00	97.84 -2.66 0.00	114.93 -3.18 0.00
S.PERRY__115KV_TB1 80734	67.04 -0.53 0.00	43.92 -0.50 0.00	38.73 -0.36 0.00	38.02 -0.40 0.00	42.43 -0.41 0.00	48.68 -1.54 0.00	53.88 -2.64 0.00	60.76 -3.18 0.00	76.42 -3.94 0.00	51.51 -3.44 0.00	50.94 -3.86 0.00	42.45 -3.24 0.00	37.00 -3.10 0.00	41.69 -3.10 0.00	50.24 -3.86 0.00	61.37 -3.88 0.00	68.75 -3.89 0.00	100.64 -4.60 0.00	95.69 -4.81 0.00	113.12 -4.99 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	63.36 -4.22 0.00	41.55 -2.87 0.00	36.55 -2.54 0.00	35.98 -2.44 0.00	40.46 -2.38 0.00	46.58 -3.65 0.00	51.40 -5.12 0.00	57.58 -6.36 0.00	72.78 -7.60 0.00	50.31 -4.64 0.00	50.45 -4.35 0.00	42.10 -3.59 0.00	36.96 -3.14 0.00	41.49 -3.30 0.00	49.74 -4.36 0.00	59.66 -5.59 0.00	65.66 -6.98 0.00	96.19 -9.05 0.00	91.15 -9.36 0.00	107.69 -10.42 0.00

SAWYER___23_KV_LOAD 55526	63.36 -4.22 0.00	41.55 -2.87 0.00	36.55 -2.54 0.00	35.98 -2.44 0.00	40.46 -2.38 0.00	46.58 -3.65 0.00	51.40 -5.12 0.00	57.58 -6.36 0.00	72.78 -7.60 0.00	50.31 -4.64 0.00	50.45 -4.35 0.00	42.10 -3.59 0.00	36.96 -3.14 0.00	41.49 -3.30 0.00	49.74 -4.36 0.00	59.66 -5.59 0.00	65.66 -6.98 0.00	96.19 -9.05 0.00	91.15 -9.36 0.00	107.69 -10.42 0.00
SELKIRK___I 23801	69.46 1.88 0.00	45.67 1.25 0.00	40.11 1.01 0.00	39.37 0.96 0.00	43.81 0.97 0.00	51.36 1.14 0.00	57.83 1.30 0.00	65.27 1.34 0.00	81.97 1.60 0.00	55.65 0.70 0.00	55.38 0.58 0.00	46.25 0.56 0.00	40.62 0.53 0.00	45.40 0.61 0.00	54.89 0.79 0.00	66.32 1.07 0.00	73.99 1.35 0.00	106.99 1.75 0.00	102.37 1.87 0.00	120.35 2.24 0.00
SELKIRK___II 23799	69.19 1.61 0.00	45.49 1.07 0.00	39.93 0.83 0.00	39.20 0.78 0.00	43.60 0.76 0.00	51.13 0.91 0.00	57.56 1.04 0.00	65.01 1.07 0.00	81.66 1.29 0.00	55.63 0.68 0.00	55.38 0.58 0.00	46.22 0.53 0.00	40.61 0.51 0.00	45.38 0.60 0.00	54.83 0.73 0.00	66.08 0.83 0.00	73.67 1.03 0.00	106.55 1.31 0.00	101.93 1.43 0.00	119.88 1.77 0.00
SENECA OSWGO___HYD 24041	64.90 -2.67 0.00	42.64 -1.78 0.00	37.58 -1.52 0.00	36.95 -1.47 0.00	41.21 -1.62 0.00	48.27 -1.95 0.00	54.39 -2.13 0.00	61.51 -2.43 0.00	77.36 -3.01 0.00	52.85 -2.10 0.00	52.62 -2.17 0.00	43.85 -1.84 0.00	38.44 -1.65 0.00	42.87 -1.92 0.00	51.70 -2.41 0.00	62.56 -2.69 0.00	69.72 -2.92 0.00	101.21 -4.02 0.00	96.52 -3.98 0.00	113.50 -4.61 0.00
SENECA___115KV_TB3 355854	61.08 -3.08 3.42	40.28 -2.12 2.02	34.96 -1.90 2.23	34.37 -1.78 2.27	39.23 -1.61 2.00	46.59 -2.76 0.88	51.55 -4.02 0.95	58.81 -5.13 0.00	74.26 -6.11 0.00	51.34 -3.62 0.00	51.39 -3.40 0.00	42.89 -2.81 0.00	37.60 -2.50 0.00	42.22 -2.57 0.00	50.61 -3.49 0.00	60.84 -4.41 0.00	66.93 -5.71 0.00	98.06 -7.18 0.00	92.99 -7.51 0.00	109.93 -8.18 0.00
SENECA___ENERGY 23797	65.87 -1.70 0.00	43.27 -1.15 0.00	38.21 -0.88 0.00	37.57 -0.84 0.00	42.07 -0.77 0.00	49.12 -1.10 0.00	55.10 -1.41 0.00	62.31 -1.63 0.00	78.23 -2.14 0.00	53.30 -1.65 0.00	53.01 -1.79 0.00	44.28 -1.41 0.00	38.76 -1.34 0.00	43.47 -1.32 0.00	52.46 -1.64 0.00	63.42 -1.83 0.00	70.58 -2.06 0.00	102.68 -2.56 0.00	97.79 -2.71 0.00	115.03 -3.08 0.00
SHOEMAKER___GT 23640	69.46 1.88 0.00	45.72 1.31 0.00	40.16 1.07 0.00	39.45 1.03 0.00	43.89 1.05 0.00	51.64 1.41 0.00	58.36 1.84 0.00	65.97 2.04 0.00	82.74 2.37 0.00	56.49 1.54 0.00	56.19 1.40 0.00	46.86 1.17 0.00	41.25 1.15 0.00	46.06 1.27 0.00	55.77 1.66 0.00	67.20 1.95 0.00	75.02 2.38 0.00	108.88 3.65 0.00	104.09 3.59 0.00	122.24 4.13 0.00
SHOEMAKR_138KV_BK 111 55601	69.43 1.86 0.00	45.70 1.28 0.00	40.14 1.05 0.00	39.42 1.01 0.00	43.87 1.04 0.00	51.61 1.39 0.00	58.33 1.81 0.00	65.93 2.00 0.00	82.69 2.32 0.00	56.49 1.54 0.00	56.20 1.41 0.00	46.88 1.19 0.00	41.26 1.17 0.00	46.07 1.29 0.00	55.76 1.66 0.00	67.17 1.92 0.00	74.96 2.33 0.00	108.80 3.56 0.00	103.99 3.49 0.00	122.23 4.12 0.00
SHOREHAM_IC_1 23715	72.17 4.59 0.00	47.28 2.86 0.00	41.49 2.39 0.00	40.55 2.13 0.00	45.08 2.24 0.00	53.59 3.37 0.00	60.63 4.11 0.00	68.33 4.40 0.00	86.89 4.25 -2.27	60.55 3.51 -2.09	58.21 3.42 0.00	48.51 2.82 0.00	42.54 2.45 0.00	47.71 2.92 0.00	58.18 4.07 0.00	70.39 5.14 0.00	84.93 5.45 -6.84	128.46 7.27 -15.95	131.59 6.41 -24.68	124.82 6.70 -0.01
SHOREHAM_IC_2 23716	72.17 4.59 0.00	47.28 2.86 0.00	41.49 2.39 0.00	40.56 2.14 0.00	45.09 2.25 0.00	53.59 3.37 0.00	60.63 4.11 0.00	68.33 4.39 0.00	86.87 4.23 -2.27	60.55 3.51 -2.09	58.22 3.43 0.00	48.51 2.82 0.00	42.53 2.44 0.00	47.71 2.92 0.00	58.18 4.08 0.00	70.39 5.14 0.00	84.93 5.45 -6.84	128.46 7.28 -15.95	131.59 6.41 -24.68	124.82 6.70 -0.01
SISSONVILLE____ 23735	69.49 1.91 0.00	45.75 1.33 0.00	40.34 1.25 0.00	39.67 1.25 0.00	44.35 1.51 0.00	51.88 1.66 0.00	58.17 1.64 0.00	66.14 2.20 0.00	83.26 2.89 0.00	57.23 2.28 0.00	57.32 2.53 0.00	47.78 2.08 0.00	41.75 1.65 0.00	46.52 1.73 0.00	56.06 1.96 0.00	67.10 1.85 0.00	74.16 1.52 0.00	107.28 2.04 0.00	102.37 1.86 0.00	120.00 1.89 0.00
SITHE_IND_GS1 24169	64.58 -3.00 0.00	42.44 -1.98 0.00	37.40 -1.69 0.00	36.77 -1.65 0.00	41.01 -1.83 0.00	48.01 -2.21 0.00	54.02 -2.50 0.00	61.09 -2.84 0.00	76.81 -3.56 0.00	52.50 -2.45 0.00	52.29 -2.50 0.00	43.61 -2.08 0.00	38.26 -1.84 0.00	42.73 -2.06 0.00	51.58 -2.53 0.00	62.29 -2.96 0.00	69.37 -3.27 0.00	100.60 -4.64 0.00	95.98 -4.52 0.00	112.80 -5.31 0.00
SITHE_IND_GS2 24170	64.58 -3.00 0.00	42.44 -1.98 0.00	37.40 -1.69 0.00	36.77 -1.65 0.00	41.01 -1.83 0.00	48.01 -2.21 0.00	54.02 -2.50 0.00	61.09 -2.84 0.00	76.81 -3.56 0.00	52.50 -2.45 0.00	52.29 -2.50 0.00	43.61 -2.08 0.00	38.26 -1.84 0.00	42.73 -2.06 0.00	51.58 -2.53 0.00	62.29 -2.96 0.00	69.37 -3.27 0.00	100.60 -4.64 0.00	95.98 -4.52 0.00	112.80 -5.31 0.00
SITHE_IND_GS3 24171	64.58 -3.00 0.00	42.44 -1.98 0.00	37.40 -1.69 0.00	36.77 -1.65 0.00	41.01 -1.83 0.00	48.01 -2.21 0.00	54.02 -2.50 0.00	61.09 -2.84 0.00	76.81 -3.56 0.00	52.50 -2.45 0.00	52.29 -2.50 0.00	43.61 -2.08 0.00	38.26 -1.84 0.00	42.73 -2.06 0.00	51.58 -2.53 0.00	62.29 -2.96 0.00	69.37 -3.27 0.00	100.60 -4.64 0.00	95.98 -4.52 0.00	112.80 -5.31 0.00
SITHE_IND_GS4 24172	64.58 -3.00 0.00	42.44 -1.98 0.00	37.40 -1.69 0.00	36.77 -1.65 0.00	41.01 -1.83 0.00	48.01 -2.21 0.00	54.02 -2.50 0.00	61.09 -2.84 0.00	76.81 -3.56 0.00	52.50 -2.45 0.00	52.29 -2.50 0.00	43.61 -2.08 0.00	38.26 -1.84 0.00	42.73 -2.06 0.00	51.58 -2.53 0.00	62.29 -2.96 0.00	69.37 -3.27 0.00	100.60 -4.64 0.00	95.98 -4.52 0.00	112.80 -5.31 0.00

SITHE___BATAVIA 24024	62.71 -2.58 2.29	41.26 -1.82 1.35	35.99 -1.62 1.49	35.36 -1.54 1.52	40.19 -1.32 1.33	47.48 -2.15 0.59	52.54 -3.33 0.64	59.91 -4.02 0.00	75.65 -4.72 0.00	52.12 -2.83 0.00	52.03 -2.77 0.00	43.24 -2.45 0.00	37.94 -2.16 0.00	42.74 -2.05 0.00	51.36 -2.75 0.00	61.59 -3.66 0.00	68.28 -4.36 0.00	100.08 -5.16 0.00	94.74 -5.76 0.00	111.82 -6.28 0.00
SITHE___INDEPEND 23800	64.59 -2.99 0.00	42.43 -1.98 0.00	37.40 -1.69 0.00	36.77 -1.65 0.00	41.01 -1.83 0.00	48.01 -2.21 0.00	54.01 -2.51 0.00	61.09 -2.84 0.00	76.80 -3.57 0.00	52.50 -2.45 0.00	52.29 -2.50 0.00	43.61 -2.08 0.00	38.26 -1.84 0.00	42.73 -2.06 0.00	51.57 -2.53 0.00	62.29 -2.96 0.00	69.36 -3.28 0.00	100.61 -4.63 0.00	95.98 -4.52 0.00	112.79 -5.32 0.00
SITHE___MASSENA 23902	69.35 1.77 0.00	45.62 1.20 0.00	40.17 1.08 0.00	39.48 1.06 0.00	44.10 1.27 0.00	51.60 1.38 0.00	57.83 1.31 0.00	65.61 1.68 0.00	82.57 2.20 0.00	56.72 1.77 0.00	56.81 2.01 0.00	47.34 1.65 0.00	41.46 1.37 0.00	46.30 1.51 0.00	55.85 1.75 0.00	67.04 1.79 0.00	74.31 1.67 0.00	107.62 2.38 0.00	102.77 2.27 0.00	120.59 2.48 0.00
SITHE___OGDNSBRG 24021	70.73 3.16 0.00	46.53 2.11 0.00	40.98 1.88 0.00	40.28 1.86 0.00	45.04 2.21 0.00	52.72 2.50 0.00	59.13 2.61 0.00	67.17 3.24 0.00	84.57 4.20 0.00	58.12 3.17 0.00	58.16 3.36 0.00	48.49 2.79 0.00	42.47 2.37 0.00	47.30 2.51 0.00	56.87 2.77 0.00	68.32 3.07 0.00	75.75 3.11 0.00	109.75 4.52 0.00	104.74 4.24 0.00	122.73 4.62 0.00
SITHE___STERLING 23777	68.85 1.27 0.00	45.24 0.82 0.00	39.93 0.84 0.00	39.34 0.92 0.00	43.93 1.09 0.00	51.60 1.38 0.00	58.41 1.89 0.00	66.15 2.22 0.00	83.14 2.77 0.00	56.71 1.76 0.00	56.39 1.60 0.00	46.72 1.02 0.00	40.64 0.54 0.00	45.32 0.53 0.00	54.83 0.73 0.00	66.78 1.53 0.00	74.74 2.10 0.00	108.44 3.21 0.00	103.37 2.87 0.00	121.31 3.20 0.00
SLEIGHT__34_KV_TB1 80719	65.29 -2.29 0.00	42.83 -1.59 0.00	37.70 -1.39 0.00	37.08 -1.34 0.00	41.56 -1.28 0.00	48.45 -1.78 0.00	54.29 -2.23 0.00	61.40 -2.54 0.00	77.23 -3.14 0.00	52.86 -2.09 0.00	52.73 -2.07 0.00	43.95 -1.74 0.00	38.49 -1.61 0.00	43.11 -1.68 0.00	52.11 -1.99 0.00	62.91 -2.34 0.00	69.93 -2.71 0.00	101.91 -3.33 0.00	96.79 -3.71 0.00	113.86 -4.25 0.00
SMITHTWN_69_KV_BK 1 55830	72.11 4.53 0.00	47.21 2.80 0.00	41.40 2.31 0.00	40.49 2.07 0.00	45.00 2.16 0.00	53.50 3.28 0.00	60.49 3.96 0.00	68.23 4.29 0.00	86.93 4.28 -2.28	60.64 3.59 -2.10	58.32 3.52 0.00	48.61 2.92 0.00	42.62 2.52 0.00	47.76 2.97 0.00	58.16 4.05 0.00	70.23 4.98 0.00	84.39 5.30 -6.44	124.57 7.37 -11.96	130.75 6.81 -23.44	125.77 7.65 -0.01
SOUTH CAIRO___GT 23612	72.23 4.65 0.00	47.42 3.00 0.00	41.64 2.54 0.00	40.89 2.48 0.00	45.52 2.68 0.00	53.38 3.15 0.00	60.20 3.68 0.00	68.24 4.30 0.00	85.69 5.32 0.00	57.79 2.84 0.00	56.91 2.12 0.00	47.18 1.48 0.00	41.34 1.25 0.00	46.28 1.50 0.00	56.11 2.01 0.00	68.30 3.05 0.00	77.11 4.47 0.00	111.95 6.72 0.00	107.08 6.58 0.00	125.69 7.58 0.00
SOUTH HAMPTN___IC 23720	72.15 4.57 0.00	47.26 2.84 0.00	41.50 2.41 0.00	40.54 2.12 0.00	45.09 2.25 0.00	53.62 3.40 0.00	60.69 4.17 0.00	68.42 4.49 0.00	86.76 4.13 -2.27	60.47 3.44 -2.09	58.23 3.44 0.00	48.61 2.92 0.00	42.66 2.56 0.00	47.95 3.16 0.00	58.58 4.47 0.00	70.92 5.67 0.00	85.59 6.07 -6.88	129.78 8.17 -16.38	132.23 6.92 -24.80	125.31 7.19 -0.01
SOUTHDOW_115KV_TB1 355954	67.49 -0.09 0.00	44.10 -0.31 0.00	38.28 -0.82 0.00	37.85 -0.57 0.00	42.86 0.02 0.00	49.14 -1.09 0.00	54.82 -1.70 0.00	61.34 -2.60 0.00	77.17 -3.20 0.00	53.00 -1.95 0.00	52.92 -1.88 0.00	44.06 -1.63 0.00	39.09 -1.01 0.00	43.98 -0.81 0.00	52.58 -1.52 0.00	63.85 -1.40 0.00	69.48 -3.16 0.00	102.19 -3.05 0.00	96.82 -3.68 0.00	114.52 -3.59 0.00
SOUTHOLD_69_KV_BK 2 55809	72.09 4.51 0.00	47.20 2.78 0.00	41.50 2.40 0.00	40.51 2.09 0.00	45.08 2.25 0.00	53.65 3.43 0.00	60.77 4.25 0.00	68.52 4.58 0.00	85.40 2.76 -2.27	60.04 3.00 -2.09	58.25 3.45 0.00	48.74 3.05 0.00	42.77 2.68 0.00	48.23 3.45 0.00	59.11 5.01 0.00	71.56 6.31 0.00	86.34 6.82 -6.88	130.76 9.16 -16.37	131.41 6.11 -24.80	123.98 5.87 -0.01
SOUTHOLD___IC 23719	72.08 4.50 0.00	47.20 2.78 0.00	41.50 2.41 0.00	40.50 2.09 0.00	45.08 2.24 0.00	53.65 3.43 0.00	60.77 4.25 0.00	68.53 4.59 0.00	85.48 2.84 -2.27	60.04 3.00 -2.09	58.25 3.45 0.00	48.74 3.05 0.00	42.78 2.69 0.00	48.22 3.44 0.00	59.11 5.00 0.00	71.56 6.31 0.00	86.34 6.82 -6.88	130.76 9.15 -16.37	131.42 6.12 -24.80	123.98 5.86 -0.01
SOUTH_FORK_WT_PWR 323839	71.16 3.59 0.00	46.58 2.16 0.00	41.00 1.91 0.00	39.97 1.56 0.00	44.48 1.65 0.00	52.97 2.75 0.00	60.00 3.48 0.00	67.67 3.74 0.00	85.06 2.42 -2.27	59.53 2.50 -2.09	57.55 2.75 0.00	48.29 2.59 0.00	42.43 2.33 0.00	47.94 3.15 0.00	58.91 4.81 0.00	71.33 6.08 0.00	86.02 6.50 -6.88	130.09 8.48 -16.37	131.51 6.21 -24.80	124.23 6.11 -0.01
SPIERFLS_115KV_TB 1 80737	70.22 2.65 0.00	46.15 1.73 0.00	40.56 1.47 0.00	39.83 1.41 0.00	44.38 1.54 0.00	52.39 2.17 0.00	59.38 2.86 0.00	67.10 3.16 0.00	84.09 3.72 0.00	56.96 2.01 0.00	56.46 1.67 0.00	47.25 1.56 0.00	41.36 1.26 0.00	46.45 1.66 0.00	56.34 2.24 0.00	68.48 3.23 0.00	76.67 4.03 0.00	111.01 5.78 0.00	106.27 5.77 0.00	124.85 6.74 0.00
ST LAWRENCE____ 23600	68.21 0.63 0.00	44.83 0.41 0.00	39.48 0.39 0.00	38.81 0.39 0.00	43.34 0.50 0.00	50.74 0.52 0.00	56.87 0.35 0.00	64.46 0.52 0.00	81.14 0.77 0.00	55.72 0.77 0.00	55.77 0.98 0.00	46.48 0.79 0.00	40.74 0.64 0.00	45.52 0.73 0.00	54.95 0.85 0.00	66.02 0.76 0.00	73.23 0.59 0.00	106.06 0.82 0.00	101.28 0.78 0.00	118.94 0.83 0.00

STATE_CA_115KV_115_LB 55624	69.83 2.26 0.00	45.89 1.47 0.00	40.25 1.16 0.00	39.50 1.08 0.00	43.89 1.05 0.00	51.42 1.20 0.00	57.90 1.38 0.00	65.40 1.47 0.00	82.16 1.79 0.00	55.90 0.95 0.00	55.66 0.87 0.00	46.48 0.79 0.00	40.79 0.69 0.00	45.61 0.82 0.00	55.11 1.01 0.00	66.33 1.08 0.00	73.93 1.30 0.00	106.88 1.64 0.00	102.30 1.80 0.00	120.24 2.13 0.00
STATE_ST_34_KV_LOAD 55959	66.88 -0.70 0.00	43.83 -0.59 0.00	38.57 -0.52 0.00	37.93 -0.48 0.00	42.55 -0.28 0.00	49.76 -0.47 0.00	55.88 -0.64 0.00	63.42 -0.51 0.00	79.51 -0.86 0.00	54.26 -0.69 0.00	53.95 -0.85 0.00	44.83 -0.87 0.00	39.30 -0.79 0.00	44.01 -0.78 0.00	53.23 -0.87 0.00	64.49 -0.76 0.00	71.89 -0.75 0.00	104.51 -0.73 0.00	99.24 -1.26 0.00	116.68 -1.43 0.00
STATION_5_MISC_HYD 23604	63.59 -2.53 1.46	41.81 -1.75 0.86	36.62 -1.52 0.95	35.99 -1.46 0.97	40.57 -1.42 0.85	47.73 -2.11 0.37	53.23 -2.87 0.42	60.52 -3.41 0.00	76.30 -4.07 0.00	52.41 -2.54 0.00	52.39 -2.40 0.00	43.65 -2.05 0.00	38.25 -1.85 0.00	42.93 -1.86 0.00	51.75 -2.35 0.00	62.35 -2.90 0.00	69.17 -3.47 0.00	100.97 -4.27 0.00	95.84 -4.66 0.00	112.90 -5.20 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	65.67 -1.91 0.00	43.11 -1.31 0.00	38.01 -1.08 0.00	37.39 -1.03 0.00	41.88 -0.95 0.00	48.78 -1.44 0.00	54.71 -1.81 0.00	61.81 -2.13 0.00	77.77 -2.60 0.00	53.17 -1.78 0.00	53.00 -1.80 0.00	44.13 -1.56 0.00	38.65 -1.44 0.00	43.34 -1.44 0.00	52.27 -1.83 0.00	63.09 -2.16 0.00	70.14 -2.50 0.00	102.25 -2.99 0.00	97.21 -3.29 0.00	114.44 -3.67 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	64.67 -2.91 0.00	42.43 -1.98 0.00	37.37 -1.72 0.00	36.75 -1.67 0.00	41.18 -1.66 0.00	47.85 -2.37 0.00	53.23 -3.30 0.00	60.08 -3.85 0.00	75.73 -4.64 0.00	51.99 -2.96 0.00	51.96 -2.83 0.00	43.30 -2.39 0.00	37.96 -2.13 0.00	42.55 -2.23 0.00	51.42 -2.69 0.00	62.05 -3.20 0.00	68.86 -3.78 0.00	100.49 -4.75 0.00	95.42 -5.08 0.00	112.43 -5.68 0.00
STA_56___34_KV_BUS2 355983	64.67 -2.91 0.00	42.43 -1.98 0.00	37.37 -1.72 0.00	36.75 -1.67 0.00	41.18 -1.66 0.00	47.85 -2.37 0.00	53.23 -3.30 0.00	60.08 -3.85 0.00	75.73 -4.64 0.00	51.99 -2.96 0.00	51.96 -2.83 0.00	43.30 -2.39 0.00	37.96 -2.13 0.00	42.55 -2.23 0.00	51.42 -2.69 0.00	62.05 -3.20 0.00	68.86 -3.78 0.00	100.49 -4.75 0.00	95.42 -5.08 0.00	112.43 -5.68 0.00
STA_67___115KV_BK2 355882	64.92 -2.65 0.00	42.58 -1.84 0.00	37.49 -1.60 0.00	36.88 -1.54 0.00	41.33 -1.51 0.00	47.99 -2.23 0.00	53.50 -3.02 0.00	60.38 -3.56 0.00	76.10 -4.27 0.00	52.29 -2.66 0.00	52.27 -2.52 0.00	43.55 -2.15 0.00	38.17 -1.93 0.00	42.83 -1.96 0.00	51.62 -2.48 0.00	62.18 -3.07 0.00	68.99 -3.65 0.00	100.71 -4.53 0.00	95.60 -4.90 0.00	112.67 -5.44 0.00
STA_7___115KV_9TRANS 80674	65.36 -2.22 0.00	42.86 -1.56 0.00	37.74 -1.35 0.00	37.12 -1.31 0.00	41.60 -1.24 0.00	48.33 -1.89 0.00	53.91 -2.61 0.00	60.87 -3.07 0.00	76.74 -3.63 0.00	52.70 -2.25 0.00	52.69 -2.10 0.00	43.87 -1.82 0.00	38.45 -1.65 0.00	43.15 -1.63 0.00	52.03 -2.07 0.00	62.71 -2.54 0.00	69.59 -3.05 0.00	101.63 -3.61 0.00	96.46 -4.04 0.00	113.61 -4.50 0.00
STA_82___115KV_TB1 80780	64.85 -2.72 0.00	42.55 -1.87 0.00	37.47 -1.62 0.00	36.85 -1.57 0.00	41.30 -1.54 0.00	47.96 -2.26 0.00	53.46 -3.06 0.00	60.32 -3.62 0.00	76.02 -4.36 0.00	52.24 -2.71 0.00	52.22 -2.57 0.00	43.50 -2.20 0.00	38.13 -1.97 0.00	42.78 -2.01 0.00	51.56 -2.54 0.00	62.10 -3.15 0.00	68.92 -3.72 0.00	100.60 -4.63 0.00	95.50 -5.00 0.00	112.55 -5.56 0.00
STEEL___WIND 323596	60.98 -3.17 3.42	40.24 -2.17 2.02	34.91 -1.95 2.23	34.32 -1.83 2.27	39.19 -1.65 2.00	46.53 -2.82 0.88	51.46 -4.10 0.95	58.64 -5.30 0.00	74.10 -6.27 0.00	51.20 -3.75 0.00	51.29 -3.51 0.00	42.79 -2.90 0.00	37.49 -2.61 0.00	42.12 -2.66 0.00	50.48 -3.62 0.00	60.68 -4.57 0.00	66.76 -5.88 0.00	97.84 -7.40 0.00	92.79 -7.71 0.00	109.69 -8.41 0.00
STEPHTWN_115KV_BK_2 55603	70.19 2.62 0.00	46.00 1.59 0.00	40.49 1.40 0.00	39.65 1.23 0.00	44.15 1.31 0.00	51.73 1.50 0.00	58.34 1.82 0.00	65.90 1.97 0.00	82.72 2.35 0.00	56.24 1.29 0.00	55.89 1.10 0.00	46.59 0.89 0.00	40.94 0.84 0.00	45.89 1.10 0.00	55.47 1.36 0.00	66.87 1.62 0.00	74.64 2.00 0.00	107.90 2.66 0.00	103.15 2.65 0.00	121.32 3.21 0.00
STEUBEN_REC_LFGE 323667	65.04 -2.54 0.00	42.62 -1.80 0.00	37.85 -1.25 0.00	36.94 -1.48 0.00	41.52 -1.32 0.00	48.13 -2.09 0.00	54.34 -2.19 0.00	61.13 -2.81 0.00	76.72 -3.65 0.00	51.85 -3.10 0.00	51.22 -3.58 0.00	42.73 -2.97 0.00	37.20 -2.90 0.00	42.04 -2.75 0.00	50.05 -4.05 0.00	61.23 -4.02 0.00	68.25 -4.39 0.00	99.63 -5.61 0.00	95.13 -5.37 0.00	113.10 -5.01 0.00
STILLWATER___SOLAR 323814	70.45 2.88 0.00	46.23 1.82 0.00	40.63 1.54 0.00	39.90 1.48 0.00	44.44 1.60 0.00	52.32 2.09 0.00	59.17 2.65 0.00	66.83 2.89 0.00	83.82 3.45 0.00	56.82 1.87 0.00	56.44 1.65 0.00	47.17 1.47 0.00	41.38 1.29 0.00	46.40 1.61 0.00	56.22 2.12 0.00	68.26 3.01 0.00	76.33 3.69 0.00	110.50 5.26 0.00	105.71 5.21 0.00	124.25 6.14 0.00
STONY___BROOK 24151	72.00 4.43 0.00	47.16 2.74 0.00	41.35 2.26 0.00	40.44 2.02 0.00	44.93 2.09 0.00	53.42 3.20 0.00	60.39 3.87 0.00	68.12 4.18 0.00	86.83 4.18 -2.28	60.56 3.52 -2.10	58.24 3.44 0.00	48.54 2.85 0.00	42.57 2.47 0.00	47.69 2.90 0.00	58.08 3.97 0.00	70.12 4.87 0.00	84.49 5.18 -6.67	126.56 7.16 -14.17	131.18 6.54 -24.14	125.31 7.19 -0.01
STURGEON_POOL_HYD 23609	70.10 2.52 0.00	46.14 1.72 0.00	40.50 1.41 0.00	39.79 1.37 0.00	44.27 1.43 0.00	52.17 1.94 0.00	59.01 2.48 0.00	66.69 2.75 0.00	83.61 3.24 0.00	57.20 2.25 0.00	56.98 2.19 0.00	47.52 1.83 0.00	41.85 1.75 0.00	46.76 1.97 0.00	56.50 2.40 0.00	68.10 2.85 0.00	75.93 3.29 0.00	110.16 4.92 0.00	105.28 4.77 0.00	123.77 5.66 0.00

ST_LAW_115_BK7_LBMP 345037	68.31 0.73 0.00	44.91 0.49 0.00	39.56 0.46 0.00	38.87 0.45 0.00	43.42 0.58 0.00	50.81 0.59 0.00	56.95 0.43 0.00	64.54 0.59 0.00	81.24 0.87 0.00	55.80 0.85 0.00	55.88 1.08 0.00	46.57 0.87 0.00	40.82 0.72 0.00	45.59 0.81 0.00	55.02 0.92 0.00	66.09 0.84 0.00	73.29 0.65 0.00	106.13 0.89 0.00	101.37 0.87 0.00	118.95 0.84 0.00
ST_LAW_115_BK8_LBMP 345038	68.31 0.73 0.00	44.91 0.49 0.00	39.56 0.46 0.00	38.87 0.45 0.00	43.42 0.58 0.00	50.81 0.59 0.00	56.95 0.43 0.00	64.54 0.59 0.00	81.24 0.87 0.00	55.80 0.85 0.00	55.88 1.08 0.00	46.57 0.87 0.00	40.82 0.72 0.00	45.59 0.81 0.00	55.02 0.92 0.00	66.09 0.84 0.00	73.29 0.65 0.00	106.13 0.89 0.00	101.37 0.87 0.00	118.95 0.84 0.00
ST_LAW_230_BK5_LBMP 345035	68.21 0.63 0.00	44.83 0.41 0.00	39.48 0.39 0.00	38.81 0.39 0.00	43.34 0.50 0.00	50.74 0.52 0.00	56.87 0.35 0.00	64.46 0.52 0.00	81.14 0.77 0.00	55.72 0.77 0.00	55.77 0.98 0.00	46.48 0.79 0.00	40.74 0.64 0.00	45.52 0.73 0.00	54.95 0.85 0.00	66.02 0.76 0.00	73.23 0.59 0.00	106.06 0.82 0.00	101.28 0.78 0.00	118.94 0.83 0.00
ST_LAW_230_BK6_LBMP 345036	68.21 0.63 0.00	44.83 0.41 0.00	39.48 0.39 0.00	38.81 0.39 0.00	43.34 0.50 0.00	50.74 0.52 0.00	56.87 0.35 0.00	64.46 0.52 0.00	81.14 0.77 0.00	55.72 0.77 0.00	55.77 0.98 0.00	46.48 0.79 0.00	40.74 0.64 0.00	45.52 0.73 0.00	54.95 0.85 0.00	66.02 0.76 0.00	73.23 0.59 0.00	106.06 0.82 0.00	101.28 0.78 0.00	118.94 0.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	69.66 2.08 0.00	45.86 1.44 0.00	40.28 1.18 0.00	39.55 1.14 0.00	44.00 1.16 0.00	51.79 1.57 0.00	58.55 2.03 0.00	66.19 2.25 0.00	82.98 2.61 0.00	56.72 1.77 0.00	56.52 1.73 0.00	47.15 1.45 0.00	41.52 1.42 0.00	46.35 1.56 0.00	56.01 1.91 0.00	67.45 2.20 0.00	75.23 2.59 0.00	109.22 3.98 0.00	104.40 3.89 0.00	122.60 4.49 0.00
SWANROAD_115KV_TB1 355699	61.71 -5.87 0.00	40.45 -3.97 0.00	35.60 -3.50 0.00	35.03 -3.39 0.00	39.48 -3.36 0.00	45.61 -4.61 0.00	49.83 -6.69 0.00	55.84 -8.10 0.00	70.68 -9.69 0.00	49.04 -5.91 0.00	49.26 -5.53 0.00	41.20 -4.49 0.00	36.20 -3.89 0.00	40.59 -4.20 0.00	48.64 -5.46 0.00	57.92 -7.33 0.00	63.53 -9.11 0.00	93.08 -12.16 0.00	88.09 -12.41 0.00	104.03 -14.08 0.00
SYNERGY___BIOGAS 323694	64.99 -2.59 0.00	42.60 -1.82 0.00	37.48 -1.62 0.00	36.87 -1.54 0.00	41.50 -1.34 0.00	48.06 -2.16 0.00	53.16 -3.36 0.00	59.92 -4.02 0.00	75.66 -4.71 0.00	52.12 -2.82 0.00	52.03 -2.76 0.00	43.24 -2.45 0.00	37.94 -2.16 0.00	42.74 -2.05 0.00	51.35 -2.75 0.00	61.57 -3.68 0.00	68.29 -4.35 0.00	100.06 -5.17 0.00	94.75 -5.76 0.00	111.83 -6.28 0.00
SYRACUSE___ENERGY_ST1 323597	66.28 -1.30 0.00	43.50 -0.92 0.00	38.33 -0.76 0.00	37.73 -0.69 0.00	42.11 -0.73 0.00	49.32 -0.90 0.00	55.54 -0.98 0.00	62.83 -1.11 0.00	78.91 -1.47 0.00	53.90 -1.05 0.00	53.64 -1.15 0.00	44.67 -1.02 0.00	39.17 -0.93 0.00	43.76 -1.02 0.00	52.87 -1.23 0.00	63.97 -1.28 0.00	71.25 -1.39 0.00	103.44 -1.79 0.00	98.58 -1.92 0.00	115.86 -2.24 0.00
SYRACUSE___ENERGY_ST2 323598	66.28 -1.30 0.00	43.50 -0.92 0.00	38.33 -0.76 0.00	37.73 -0.69 0.00	42.11 -0.73 0.00	49.32 -0.90 0.00	55.54 -0.98 0.00	62.83 -1.11 0.00	78.91 -1.47 0.00	53.90 -1.05 0.00	53.64 -1.15 0.00	44.67 -1.02 0.00	39.17 -0.93 0.00	43.76 -1.02 0.00	52.87 -1.23 0.00	63.97 -1.28 0.00	71.25 -1.39 0.00	103.44 -1.79 0.00	98.58 -1.92 0.00	115.86 -2.24 0.00
SYRACUSE___POWER 24017	66.26 -1.32 0.00	43.49 -0.93 0.00	38.33 -0.76 0.00	37.80 -0.62 0.00	42.09 -0.75 0.00	49.38 -0.84 0.00	55.54 -0.98 0.00	62.82 -1.11 0.00	78.90 -1.47 0.00	53.91 -1.04 0.00	53.60 -1.20 0.00	44.65 -1.04 0.00	39.14 -0.96 0.00	43.71 -1.08 0.00	52.82 -1.28 0.00	63.95 -1.30 0.00	71.26 -1.38 0.00	103.44 -1.80 0.00	98.59 -1.91 0.00	115.97 -2.14 0.00
TALLMAN___138KV_BK151 55660	69.83 2.26 0.00	45.99 1.57 0.00	40.37 1.28 0.00	39.64 1.22 0.00	44.08 1.25 0.00	51.93 1.71 0.00	58.73 2.21 0.00	66.40 2.46 0.00	83.21 2.84 0.00	56.92 1.97 0.00	56.76 1.97 0.00	47.36 1.67 0.00	41.70 1.61 0.00	46.55 1.76 0.00	56.23 2.13 0.00	67.66 2.41 0.00	75.42 2.78 0.00	109.52 4.29 0.00	104.67 4.17 0.00	122.95 4.84 0.00
TEALLAVE_115KV_TB7 355573	65.82 -1.76 0.00	43.23 -1.19 0.00	38.10 -1.00 0.00	37.48 -0.94 0.00	41.81 -1.03 0.00	48.97 -1.25 0.00	55.15 -1.37 0.00	62.38 -1.56 0.00	78.40 -1.97 0.00	53.59 -1.36 0.00	53.35 -1.45 0.00	44.44 -1.25 0.00	38.95 -1.14 0.00	43.51 -1.27 0.00	52.54 -1.56 0.00	63.57 -1.68 0.00	70.81 -1.83 0.00	102.77 -2.47 0.00	97.96 -2.54 0.00	115.16 -2.95 0.00
TELGRAPH_34_KV_EAST 80808	63.30 -4.28 0.00	41.49 -2.93 0.00	36.50 -2.59 0.00	35.94 -2.48 0.00	40.45 -2.39 0.00	46.72 -3.50 0.00	51.43 -5.09 0.00	57.78 -6.16 0.00	73.04 -7.33 0.00	50.51 -4.44 0.00	50.59 -4.20 0.00	42.19 -3.51 0.00	37.03 -3.06 0.00	41.61 -3.18 0.00	49.94 -4.16 0.00	59.73 -5.52 0.00	65.84 -6.80 0.00	96.45 -8.79 0.00	91.33 -9.17 0.00	107.81 -10.30 0.00
TEMPLE___115KV_TB 2 55572	65.86 -1.72 0.00	43.25 -1.17 0.00	38.11 -0.98 0.00	37.50 -0.92 0.00	41.83 -1.01 0.00	48.99 -1.24 0.00	55.16 -1.36 0.00	62.40 -1.54 0.00	78.41 -1.96 0.00	53.60 -1.35 0.00	53.35 -1.45 0.00	44.45 -1.24 0.00	38.98 -1.12 0.00	43.52 -1.27 0.00	52.57 -1.54 0.00	63.58 -1.67 0.00	70.82 -1.82 0.00	102.80 -2.43 0.00	97.98 -2.52 0.00	115.16 -2.95 0.00
TIANA____69_KV_BK 1 55817	72.25 4.67 0.00	47.32 2.90 0.00	41.54 2.45 0.00	40.60 2.18 0.00	45.14 2.30 0.00	53.67 3.45 0.00	60.74 4.22 0.00	68.49 4.55 0.00	86.89 4.25 0.00	60.58 3.54 0.00	58.29 3.50 0.00	48.62 2.93 0.00	42.65 2.55 0.00	47.90 3.11 0.00	58.46 4.35 0.00	70.77 5.52 0.00	85.42 5.90 0.00	129.61 8.01 0.00	132.22 6.92 0.00	125.30 7.19 0.00

TILDEN___115KV_TB1 80814	66.26 -1.32 0.00	43.49 -0.93 0.00	38.33 -0.76 0.00	37.80 -0.62 0.00	42.09 -0.75 0.00	49.38 -0.84 0.00	55.54 -0.98 0.00	62.82 -1.11 0.00	78.90 -1.47 0.00	53.91 -1.04 0.00	53.60 -1.20 0.00	44.65 -1.04 0.00	39.14 -0.96 0.00	43.71 -1.08 0.00	52.82 -1.28 0.00	63.95 -1.30 0.00	71.26 -1.38 0.00	103.44 -1.80 0.00	98.59 -1.91 0.00	115.97 -2.14 0.00
TRIGEN___CC 323695	70.95 3.37 0.00	46.59 2.17 0.00	40.85 1.76 0.00	40.03 1.61 0.00	44.50 1.66 0.00	52.64 2.42 0.00	59.48 2.96 0.00	67.11 3.17 0.00	87.42 3.13 -3.92	61.32 2.75 -3.61	57.62 2.82 0.00	48.06 2.37 0.00	42.22 2.12 0.00	47.24 2.45 0.00	57.30 3.19 0.00	68.93 3.68 0.00	87.05 3.96 -10.45	125.39 5.68 -14.47	144.39 5.56 -38.32	124.61 6.49 -0.02
TRINITY___115KV___4 BK 55933	69.45 1.87 0.00	45.63 1.21 0.00	40.02 0.93 0.00	39.28 0.86 0.00	43.66 0.82 0.00	51.17 0.94 0.00	57.59 1.07 0.00	65.03 1.10 0.00	81.69 1.32 0.00	55.60 0.65 0.00	55.36 0.56 0.00	46.24 0.55 0.00	40.59 0.49 0.00	45.38 0.59 0.00	54.82 0.72 0.00	65.98 0.73 0.00	73.57 0.93 0.00	106.34 1.10 0.00	101.79 1.30 0.00	119.65 1.55 0.00
UNION___PROCESSING_DRP 323587	64.88 -2.70 0.00	42.56 -1.86 0.00	37.48 -1.61 0.00	36.86 -1.55 0.00	41.32 -1.52 0.00	47.98 -2.25 0.00	53.48 -3.04 0.00	60.33 -3.61 0.00	76.09 -4.29 0.00	52.24 -2.71 0.00	52.23 -2.57 0.00	43.50 -2.19 0.00	38.13 -1.96 0.00	42.79 -2.00 0.00	51.58 -2.52 0.00	62.13 -3.12 0.00	68.94 -3.70 0.00	100.61 -4.63 0.00	95.52 -4.98 0.00	112.55 -5.56 0.00
UPPER HUDSON___HYD 24058	70.22 2.64 0.00	46.15 1.73 0.00	40.56 1.47 0.00	39.83 1.41 0.00	44.38 1.54 0.00	52.39 2.17 0.00	59.37 2.85 0.00	67.10 3.16 0.00	84.09 3.72 0.00	56.96 2.01 0.00	56.47 1.67 0.00	47.25 1.56 0.00	41.36 1.26 0.00	46.45 1.66 0.00	56.34 2.24 0.00	68.48 3.23 0.00	76.66 4.03 0.00	111.01 5.77 0.00	106.27 5.77 0.00	124.85 6.74 0.00
UPPER RAQUET___HYD 24056	69.50 1.92 0.00	45.75 1.33 0.00	40.34 1.25 0.00	39.66 1.25 0.00	44.35 1.51 0.00	51.89 1.67 0.00	58.17 1.65 0.00	66.14 2.20 0.00	83.26 2.89 0.00	57.23 2.28 0.00	57.32 2.53 0.00	47.78 2.08 0.00	41.75 1.65 0.00	46.52 1.74 0.00	56.06 1.96 0.00	67.10 1.85 0.00	74.15 1.52 0.00	107.28 2.04 0.00	102.36 1.86 0.00	119.99 1.88 0.00
VALLEY44_115KV_TB2 355964	65.99 -1.59 0.00	43.35 -1.07 0.00	38.04 -1.05 0.00	37.50 -0.92 0.00	42.00 -0.84 0.00	48.34 -1.88 0.00	54.02 -2.51 0.00	60.68 -3.26 0.00	76.43 -3.94 0.00	52.74 -2.21 0.00	52.63 -2.17 0.00	43.88 -1.82 0.00	38.41 -1.68 0.00	43.21 -1.58 0.00	51.82 -2.28 0.00	62.47 -2.78 0.00	68.53 -4.11 0.00	100.21 -5.03 0.00	95.35 -5.15 0.00	112.74 -5.37 0.00
VALLEY___115KV_TB 1-4 80826	69.08 1.50 0.00	45.44 1.03 0.00	40.00 0.90 0.00	39.36 0.94 0.00	43.95 1.11 0.00	51.78 1.56 0.00	58.54 2.02 0.00	66.45 2.51 0.00	83.19 2.82 0.00	56.09 1.14 0.00	55.70 0.90 0.00	46.40 0.71 0.00	40.73 0.63 0.00	45.40 0.61 0.00	55.11 1.01 0.00	67.49 2.24 0.00	75.79 3.15 0.00	109.85 4.61 0.00	104.63 4.13 0.00	123.06 4.95 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	71.42 3.84 0.00	46.97 2.55 0.00	41.29 2.20 0.00	40.59 2.17 0.00	45.26 2.43 0.00	53.07 2.84 0.00	59.98 3.45 0.00	67.87 3.93 0.00	85.34 4.97 0.00	58.28 3.33 0.00	57.89 3.09 0.00	48.15 2.46 0.00	42.19 2.09 0.00	47.08 2.29 0.00	57.13 3.02 0.00	69.12 3.87 0.00	76.91 4.27 0.00	111.56 6.32 0.00	106.50 6.00 0.00	125.31 7.20 0.00
VISCHER___FERRY HYD 24020	69.68 2.10 0.00	45.73 1.31 0.00	40.17 1.07 0.00	39.41 1.00 0.00	43.87 1.03 0.00	51.63 1.41 0.00	58.29 1.77 0.00	65.78 1.85 0.00	82.59 2.22 0.00	56.15 1.20 0.00	55.79 1.00 0.00	46.64 0.95 0.00	41.00 0.90 0.00	45.85 1.06 0.00	55.53 1.43 0.00	67.16 1.91 0.00	75.07 2.43 0.00	108.59 3.35 0.00	103.95 3.45 0.00	122.24 4.13 0.00
V_A_10_SYNC_DSASP 323832	62.89 -4.69 0.00	41.24 -3.18 0.00	36.32 -2.77 0.00	35.74 -2.68 0.00	40.12 -2.72 0.00	46.32 -3.90 0.00	51.27 -5.25 0.00	57.62 -6.32 0.00	72.73 -7.64 0.00	50.20 -4.75 0.00	50.33 -4.46 0.00	41.98 -3.72 0.00	36.84 -3.25 0.00	41.31 -3.48 0.00	49.62 -4.49 0.00	59.58 -5.67 0.00	65.74 -6.90 0.00	96.12 -9.12 0.00	91.15 -9.35 0.00	107.58 -10.53 0.00
V_CMM_10_SYNC_DSASP 323787	68.52 0.95 0.00	45.11 0.69 0.00	39.75 0.66 0.00	39.07 0.65 0.00	43.64 0.80 0.00	51.08 0.86 0.00	57.19 0.67 0.00	64.72 0.78 0.00	81.49 1.12 0.00	56.07 1.12 0.00	56.18 1.38 0.00	46.81 1.11 0.00	41.02 0.92 0.00	45.83 1.04 0.00	55.30 1.20 0.00	66.35 1.10 0.00	73.41 0.78 0.00	106.35 1.11 0.00	101.67 1.17 0.00	119.07 0.97 0.00
V_CMP_10_SYNC_DSASP 323788	69.00 1.42 0.00	45.39 0.98 0.00	39.97 0.88 0.00	39.46 1.05 0.00	44.07 1.24 0.00	51.64 1.41 0.00	57.89 1.37 0.00	66.00 2.07 0.00	83.13 2.76 0.00	57.14 2.19 0.00	57.31 2.52 0.00	47.74 2.05 0.00	42.00 1.90 0.00	47.00 2.21 0.00	56.72 2.62 0.00	68.14 2.89 0.00	75.43 2.79 0.00	109.10 3.86 0.00	103.88 3.38 0.00	122.11 4.00 0.00
V_D_10_SYNC_DSASP 323841	69.32 1.74 0.00	45.60 1.18 0.00	40.15 1.06 0.00	39.47 1.05 0.00	44.08 1.25 0.00	51.60 1.37 0.00	57.80 1.28 0.00	65.58 1.64 0.00	82.55 2.18 0.00	56.71 1.76 0.00	56.79 1.99 0.00	47.33 1.64 0.00	41.46 1.36 0.00	46.29 1.50 0.00	55.84 1.73 0.00	67.02 1.77 0.00	74.31 1.67 0.00	107.60 2.36 0.00	102.73 2.23 0.00	120.48 2.37 0.00
V_E_10_SYNC_DSASP 323830	69.31 1.74 0.00	45.44 1.02 0.00	40.21 1.11 0.00	40.04 1.63 0.00	45.01 2.17 0.00	53.24 3.02 0.00	60.64 4.12 0.00	69.29 5.35 0.00	87.51 7.14 0.00	59.07 4.12 0.00	57.81 3.02 0.00	47.88 2.19 0.00	41.48 1.39 0.00	46.33 1.54 0.00	56.41 2.31 0.00	69.62 4.37 0.00	77.78 5.14 0.00	112.87 7.63 0.00	106.86 6.36 0.00	125.55 7.44 0.00

V_F_30_NSYNC___DSASP 323816	70.53 2.95 0.00	46.28 1.86 0.00	40.68 1.59 0.00	39.94 1.52 0.00	44.49 1.65 0.00	52.37 2.15 0.00	59.23 2.71 0.00	66.90 2.96 0.00	83.92 3.55 0.00	56.92 1.97 0.00	56.54 1.75 0.00	47.25 1.56 0.00	41.46 1.36 0.00	46.48 1.69 0.00	56.31 2.20 0.00	68.35 3.11 0.00	76.41 3.77 0.00	110.64 5.40 0.00	105.82 5.32 0.00	124.37 6.26 0.00
V_F_30_SYNC_DSASP 323786	69.83 2.26 0.00	45.88 1.46 0.00	40.25 1.15 0.00	39.49 1.07 0.00	43.88 1.04 0.00	51.42 1.20 0.00	57.89 1.37 0.00	65.40 1.46 0.00	82.15 1.78 0.00	55.89 0.94 0.00	55.66 0.86 0.00	46.48 0.79 0.00	40.78 0.69 0.00	45.60 0.82 0.00	55.10 0.99 0.00	66.32 1.07 0.00	73.93 1.30 0.00	106.87 1.63 0.00	102.27 1.77 0.00	120.24 2.13 0.00
V_XM_10_SYNC_DSASP 323789	69.00 1.42 0.00	45.39 0.98 0.00	39.97 0.88 0.00	39.46 1.05 0.00	44.07 1.24 0.00	51.64 1.41 0.00	57.89 1.37 0.00	66.00 2.07 0.00	83.13 2.76 0.00	57.14 2.19 0.00	57.31 2.52 0.00	47.74 2.05 0.00	42.00 1.90 0.00	47.00 2.21 0.00	56.72 2.62 0.00	68.14 2.89 0.00	75.43 2.79 0.00	109.10 3.86 0.00	103.88 3.38 0.00	122.11 4.00 0.00
W.BABYLN_69_KV_BK1 56697	72.27 4.69 0.00	47.35 2.93 0.00	41.53 2.44 0.00	40.62 2.20 0.00	45.15 2.31 0.00	53.59 3.37 0.00	60.50 3.98 0.00	68.29 4.35 0.00	87.26 4.42 -2.47	60.90 3.67 -2.28	58.43 3.63 0.00	48.70 3.00 0.00	42.71 2.61 0.00	47.85 3.06 0.00	58.28 4.18 0.00	70.21 4.96 0.00	84.94 5.43 -6.87	124.78 7.69 -11.85	132.95 7.40 -25.05	126.71 8.59 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	70.04 2.46 0.00	46.12 1.70 0.00	40.48 1.39 0.00	39.76 1.34 0.00	44.21 1.37 0.00	52.08 1.86 0.00	58.90 2.39 0.00	66.62 2.68 0.00	83.48 3.12 0.00	57.12 2.17 0.00	56.95 2.15 0.00	47.51 1.82 0.00	41.85 1.75 0.00	46.71 1.92 0.00	56.44 2.34 0.00	67.91 2.66 0.00	75.71 3.07 0.00	109.95 4.72 0.00	105.08 4.58 0.00	123.43 5.32 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	70.43 2.85 0.00	46.43 2.01 0.00	40.75 1.66 0.00	40.01 1.59 0.00	44.48 1.65 0.00	52.42 2.20 0.00	59.30 2.78 0.00	67.07 3.13 0.00	84.15 3.78 0.00	57.66 2.71 0.00	57.55 2.75 0.00	48.05 2.36 0.00	42.34 2.25 0.00	47.25 2.46 0.00	57.05 2.95 0.00	68.58 3.33 0.00	76.30 3.66 0.00	110.78 5.55 0.00	105.84 5.34 0.00	124.25 6.14 0.00
W50THST__13_KV_LOAD 356117	70.76 3.18 0.00	46.67 2.25 0.00	40.98 1.89 0.00	40.24 1.82 0.00	44.73 1.89 0.00	52.72 2.50 0.00	59.63 3.11 0.00	67.47 3.54 0.00	84.69 4.32 0.00	58.08 3.13 0.00	58.00 3.20 0.00	48.42 2.72 0.00	42.70 2.60 0.00	47.64 2.86 0.00	57.49 3.38 0.00	69.05 3.81 0.00	76.78 4.15 0.00	111.48 6.24 0.00	106.45 5.95 0.00	124.96 6.85 0.00
WADING RIVER_IC_1 23522	72.14 4.56 0.00	47.25 2.83 0.00	41.45 2.36 0.00	40.54 2.12 0.00	45.05 2.21 0.00	53.57 3.35 0.00	60.58 4.05 0.00	68.30 4.36 0.00	86.81 4.17 -2.27	60.52 3.48 -2.09	58.20 3.40 0.00	48.50 2.81 0.00	42.54 2.45 0.00	47.72 2.93 0.00	58.19 4.09 0.00	70.39 5.14 0.00	84.99 5.46 -6.89	128.92 7.25 -16.43	131.67 6.36 -24.81	124.70 6.58 -0.01
WADING RIVER_IC_2 23547	72.14 4.56 0.00	47.25 2.83 0.00	41.45 2.36 0.00	40.54 2.12 0.00	45.05 2.21 0.00	53.57 3.35 0.00	60.58 4.05 0.00	68.30 4.36 0.00	86.81 4.17 -2.27	60.52 3.48 -2.09	58.20 3.40 0.00	48.50 2.81 0.00	42.54 2.45 0.00	47.72 2.93 0.00	58.19 4.09 0.00	70.39 5.14 0.00	84.99 5.46 -6.89	128.92 7.25 -16.43	131.67 6.36 -24.81	124.70 6.58 -0.01
WADING RIVER_IC_3 23601	72.14 4.56 0.00	47.25 2.83 0.00	41.45 2.36 0.00	40.54 2.12 0.00	45.05 2.21 0.00	53.57 3.35 0.00	60.58 4.05 0.00	68.30 4.36 0.00	86.81 4.17 -2.27	60.52 3.48 -2.09	58.20 3.40 0.00	48.50 2.81 0.00	42.54 2.45 0.00	47.72 2.93 0.00	58.19 4.09 0.00	70.39 5.14 0.00	84.99 5.46 -6.89	128.92 7.25 -16.43	131.67 6.36 -24.81	124.70 6.58 -0.01
WALDENNY_12_KV_BK2 80841	64.34 -3.24 0.00	42.19 -2.23 0.00	37.10 -1.99 0.00	36.54 -1.88 0.00	41.11 -1.73 0.00	47.38 -2.84 0.00	52.34 -4.18 0.00	58.64 -5.30 0.00	74.13 -6.24 0.00	51.24 -3.71 0.00	51.35 -3.44 0.00	42.86 -2.83 0.00	37.60 -2.49 0.00	42.20 -2.59 0.00	50.60 -3.50 0.00	60.72 -4.53 0.00	66.77 -5.86 0.00	97.86 -7.37 0.00	92.73 -7.78 0.00	109.68 -8.43 0.00
WALDEN__HYDRO 24148	70.11 2.53 0.00	46.15 1.72 0.00	40.52 1.43 0.00	39.79 1.37 0.00	44.27 1.43 0.00	52.13 1.90 0.00	58.95 2.43 0.00	66.65 2.71 0.00	83.55 3.18 0.00	57.08 2.13 0.00	56.82 2.02 0.00	47.38 1.69 0.00	41.72 1.62 0.00	46.59 1.80 0.00	56.31 2.21 0.00	67.90 2.65 0.00	75.79 3.15 0.00	110.02 4.79 0.00	105.20 4.70 0.00	123.65 5.54 0.00
WARRENSBURG____ 23737	70.22 2.65 0.00	46.15 1.73 0.00	40.56 1.47 0.00	39.83 1.41 0.00	44.38 1.54 0.00	52.39 2.17 0.00	59.38 2.86 0.00	67.10 3.16 0.00	84.09 3.72 0.00	56.96 2.01 0.00	56.46 1.67 0.00	47.25 1.56 0.00	41.36 1.26 0.00	46.45 1.66 0.00	56.34 2.24 0.00	68.48 3.23 0.00	76.67 4.03 0.00	111.01 5.78 0.00	106.27 5.77 0.00	124.85 6.74 0.00
WATERSIDE____6 8 9 23538	70.69 3.11 0.00	46.73 2.31 0.00	40.99 1.89 0.00	40.27 1.85 0.00	44.66 1.83 0.00	52.70 2.48 0.00	59.50 2.98 0.00	67.22 3.28 0.00	84.47 4.10 0.00	57.89 2.94 0.00	57.88 3.09 0.00	48.30 2.61 0.00	42.58 2.49 0.00	47.40 2.61 0.00	57.21 3.11 0.00	68.61 3.36 0.00	76.25 3.61 0.00	110.78 5.54 0.00	105.76 5.26 0.00	124.24 6.13 0.00
WATKINRD_115KV_LN8_ILLION 55919	68.75 1.18 0.00	45.21 0.80 0.00	39.79 0.69 0.00	39.13 0.71 0.00	43.66 0.82 0.00	51.36 1.14 0.00	58.02 1.49 0.00	65.75 1.82 0.00	82.40 2.03 0.00	55.74 0.79 0.00	55.42 0.63 0.00	46.18 0.49 0.00	40.52 0.42 0.00	45.19 0.41 0.00	54.78 0.68 0.00	66.81 1.56 0.00	74.87 2.24 0.00	108.54 3.30 0.00	103.52 3.02 0.00	121.76 3.65 0.00

WDELAWARE___HYD 323627	70.46 2.88 0.00	46.35 1.93 0.00	40.74 1.65 0.00	40.03 1.61 0.00	44.56 1.72 0.00	52.46 2.24 0.00	59.35 2.83 0.00	67.13 3.19 0.00	84.16 3.79 0.00	57.39 2.44 0.00	57.03 2.24 0.00	47.42 1.73 0.00	41.72 1.62 0.00	46.62 1.83 0.00	56.41 2.31 0.00	68.19 2.94 0.00	76.24 3.60 0.00	110.78 5.54 0.00	105.90 5.40 0.00	124.48 6.37 0.00
WEST BABYLON___IC 23714	72.27 4.69 0.00	47.35 2.93 0.00	41.53 2.44 0.00	40.62 2.20 0.00	45.15 2.31 0.00	53.59 3.37 0.00	60.50 3.98 0.00	68.29 4.35 0.00	87.26 4.42 -2.47	60.90 3.67 -2.28	58.43 3.63 0.00	48.70 3.00 0.00	42.71 2.61 0.00	47.85 3.06 0.00	58.28 4.18 0.00	70.21 4.96 0.00	84.94 5.43 -6.87	124.78 7.69 -11.85	132.95 7.40 -25.05	126.71 8.59 -0.01
WEST CANADA___HYD 24049	67.65 0.07 0.00	44.46 0.04 0.00	39.13 0.04 0.00	38.46 0.04 0.00	42.88 0.04 0.00	50.32 0.09 0.00	56.70 0.18 0.00	64.13 0.19 0.00	80.58 0.21 0.00	55.01 0.06 0.00	54.80 0.00 0.00	45.69 0.00 0.00	40.08 -0.02 0.00	44.74 -0.04 0.00	54.10 0.00 0.00	65.34 0.09 0.00	72.81 0.17 0.00	105.45 0.21 0.00	100.71 0.21 0.00	118.35 0.24 0.00
WESTERN_NY_WIND 24143	64.87 -2.71 0.00	42.51 -1.91 0.00	37.40 -1.69 0.00	36.81 -1.61 0.00	41.43 -1.41 0.00	47.96 -2.26 0.00	53.05 -3.47 0.00	59.76 -4.18 0.00	75.47 -4.90 0.00	52.01 -2.94 0.00	51.93 -2.87 0.00	43.15 -2.54 0.00	37.87 -2.23 0.00	42.65 -2.14 0.00	51.24 -2.86 0.00	61.43 -3.82 0.00	68.10 -4.54 0.00	99.83 -5.41 0.00	94.49 -6.01 0.00	111.58 -6.53 0.00
WESTOVER___LESR 323668	66.62 -0.96 0.00	43.72 -0.70 0.00	38.50 -0.60 0.00	37.90 -0.52 0.00	42.31 -0.53 0.00	49.41 -0.82 0.00	55.77 -0.75 0.00	63.12 -0.82 0.00	79.32 -1.05 0.00	54.20 -0.75 0.00	53.81 -0.98 0.00	44.85 -0.85 0.00	39.37 -0.72 0.00	44.02 -0.77 0.00	53.14 -0.96 0.00	64.32 -0.92 0.00	71.34 -1.29 0.00	103.56 -1.68 0.00	98.80 -1.71 0.00	116.31 -1.80 0.00
WETHRSFD_WT_PWR 323626	62.51 -4.10 0.96	41.08 -2.77 0.57	36.05 -2.41 0.63	35.54 -2.24 0.64	40.13 -2.15 0.56	46.68 -3.30 0.25	51.83 -4.42 0.27	58.19 -5.75 0.00	73.37 -7.00 0.00	50.13 -4.82 0.00	49.85 -4.94 0.00	41.58 -4.12 0.00	36.34 -3.76 0.00	40.99 -3.80 0.00	49.07 -5.03 0.00	59.44 -5.81 0.00	65.54 -7.10 0.00	95.81 -9.43 0.00	91.32 -9.18 0.00	108.49 -9.61 0.00
WHAVSTOR_138KV_BK127 55557	69.77 2.20 0.00	45.95 1.53 0.00	40.34 1.25 0.00	39.61 1.19 0.00	44.04 1.20 0.00	51.88 1.66 0.00	58.66 2.14 0.00	66.32 2.38 0.00	83.10 2.73 0.00	56.86 1.91 0.00	56.71 1.91 0.00	47.32 1.63 0.00	41.67 1.58 0.00	46.52 1.73 0.00	56.19 2.09 0.00	67.61 2.36 0.00	75.36 2.72 0.00	109.40 4.16 0.00	104.57 4.07 0.00	122.83 4.73 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	69.77 2.20 0.00	45.95 1.53 0.00	40.34 1.25 0.00	39.61 1.19 0.00	44.04 1.20 0.00	51.88 1.66 0.00	58.66 2.14 0.00	66.32 2.38 0.00	83.10 2.73 0.00	56.86 1.91 0.00	56.71 1.91 0.00	47.32 1.63 0.00	41.67 1.58 0.00	46.52 1.73 0.00	56.19 2.09 0.00	67.61 2.36 0.00	75.36 2.72 0.00	109.40 4.16 0.00	104.57 4.07 0.00	122.83 4.73 0.00
WHITEHAL_115KV_TB1 80871	71.47 3.89 0.00	47.08 2.66 0.00	41.44 2.35 0.00	40.67 2.25 0.00	45.26 2.42 0.00	53.81 3.59 0.00	61.39 4.86 0.00	69.31 5.37 0.00	86.48 6.10 0.00	58.66 3.70 0.00	57.49 2.70 0.00	48.36 2.66 0.00	42.64 2.55 0.00	48.06 3.27 0.00	58.69 4.59 0.00	71.40 6.15 0.00	79.96 7.32 0.00	115.54 10.30 0.00	110.68 10.18 0.00	130.39 12.29 0.00
WHITEPLN_13_KV_LOAD 356215	70.87 3.29 0.00	46.66 2.24 0.00	40.94 1.85 0.00	40.20 1.78 0.00	44.70 1.87 0.00	52.71 2.49 0.00	59.66 3.13 0.00	67.48 3.55 0.00	84.62 4.25 0.00	57.93 2.98 0.00	57.75 2.96 0.00	48.20 2.50 0.00	42.45 2.35 0.00	47.38 2.59 0.00	57.25 3.15 0.00	68.90 3.65 0.00	76.84 4.21 0.00	111.58 6.34 0.00	106.61 6.11 0.00	125.20 7.09 0.00
WM_FLOYD_69_KV_BK2 356380	72.24 4.66 0.00	47.32 2.90 0.00	41.51 2.41 0.00	40.59 2.17 0.00	45.12 2.28 0.00	53.63 3.41 0.00	60.65 4.13 0.00	68.37 4.43 0.00	86.92 4.28 -2.27	60.60 3.56 -2.09	58.25 3.45 0.00	48.52 2.83 0.00	42.55 2.45 0.00	47.71 2.93 0.00	58.19 4.09 0.00	70.41 5.15 0.00	84.96 5.47 -6.86	128.79 7.49 -16.06	131.89 6.67 -24.72	125.29 7.18 -0.01
WOODARD___115KV_TB2 355635	65.76 -1.82 0.00	43.20 -1.22 0.00	38.06 -1.03 0.00	37.44 -0.98 0.00	41.77 -1.06 0.00	48.92 -1.30 0.00	55.10 -1.43 0.00	62.31 -1.63 0.00	78.32 -2.05 0.00	53.53 -1.42 0.00	53.29 -1.50 0.00	44.40 -1.29 0.00	38.93 -1.17 0.00	43.47 -1.32 0.00	52.50 -1.60 0.00	63.51 -1.74 0.00	70.74 -1.90 0.00	102.66 -2.57 0.00	97.87 -2.63 0.00	115.04 -3.07 0.00
WOODMERE_69_KV_BK1 55827	71.76 4.18 0.00	47.10 2.69 0.00	41.29 2.20 0.00	40.46 2.04 0.00	45.00 2.16 0.00	53.24 3.01 0.00	60.20 3.68 0.00	67.90 3.97 0.00	88.53 4.10 -4.06	62.13 3.44 -3.74	58.31 3.51 0.00	48.65 2.96 0.00	42.73 2.63 0.00	47.83 3.05 0.00	57.99 3.89 0.00	69.78 4.53 0.00	88.41 4.95 -10.82	127.44 7.22 -14.98	147.17 7.00 -39.67	126.38 8.25 -0.02
YORK___WARBASSE 23770	70.85 3.27 0.00	46.81 2.39 0.00	41.01 1.92 0.00	40.29 1.87 0.00	44.71 1.88 0.00	52.78 2.55 0.00	59.49 2.96 0.00	67.15 3.21 0.00	84.44 4.07 0.00	57.85 2.90 0.00	57.79 2.99 0.00	48.20 2.51 0.00	42.48 2.38 0.00	47.33 2.54 0.00	57.15 3.05 0.00	68.48 3.23 0.00	76.18 3.54 0.00	110.77 5.54 0.00	105.79 5.28 0.00	124.35 6.24 0.00