

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								09/23/2025			
Generator Data																													
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1	24138	35.50	31.68	31.49	30.45	31.01	35.15	46.62	51.71	48.09	42.10	42.55	42.71	47.32	52.82	57.93	64.86	79.48	90.49	75.60	71.43	60.80	50.32	44.73	40.70				
		1.30	1.13	1.04	0.97	0.99	1.22	1.84	2.32	2.46	2.46	2.59	2.74	3.17	3.61	4.22	4.71	5.99	6.77	5.40	4.83	3.82	2.67	2.13	1.90				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-0.72	-0.76	-1.25	-1.77	-1.61	-2.05	-3.02	-1.15	-0.93	-0.43	0.00	0.00	0.00	0.00				
74TH STREET_GT_1	24260	35.50	31.64	31.46	30.45	31.01	35.12	46.58	51.61	48.00	42.06	42.47	42.63	47.24	52.72	57.82	64.80	79.42	90.41	75.54	71.36	60.74	50.27	44.69	40.70				
		1.30	1.10	1.01	0.97	0.99	1.19	1.79	2.22	2.37	2.42	2.51	2.67	3.09	3.51	4.12	4.65	5.92	6.69	5.33	4.76	3.76	2.62	2.09	1.90				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-0.72	-0.76	-1.25	-1.77	-1.61	-2.05	-3.02	-1.15	-0.93	-0.43	0.00	0.00	0.00	0.00				
74TH STREET_GT_2	24261	35.50	31.64	31.46	30.45	31.01	35.12	46.58	51.61	48.00	42.06	42.47	42.63	47.24	52.72	57.82	64.80	79.42	90.41	75.54	71.36	60.74	50.27	44.69	40.70				
		1.30	1.10	1.01	0.97	0.99	1.19	1.79	2.22	2.37	2.42	2.51	2.67	3.09	3.51	4.12	4.65	5.92	6.69	5.33	4.76	3.76	2.62	2.09	1.90				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-0.72	-0.76	-1.25	-1.77	-1.61	-2.05	-3.02	-1.15	-0.93	-0.43	0.00	0.00	0.00	0.00				
ADK HUDSON___FALLS	24011	35.29	31.52	31.43	30.45	31.01	34.98	46.26	50.97	46.81	39.30	39.14	39.22	42.41	46.90	51.89	63.10	83.69	116.69	101.24	95.13	59.15	49.27	43.80	39.77				
		1.09	0.98	0.97	0.97	0.99	1.05	1.48	1.58	1.19	0.82	0.63	0.78	0.77	1.23	1.41	1.98	2.75	3.72	3.39	2.91	2.17	1.62	1.19	0.97				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.73	0.76	1.26	1.77	1.61	-3.02	-10.47	-30.40	-28.58	-26.06	0.00	0.00	0.00	0.00				
ADK RESOURCE___RCVRY	23798	35.46	31.68	31.55	30.57	31.16	35.15	46.53	51.22	47.00	39.46	39.31	39.39	45.70	52.61	55.80	63.10	83.46	115.81	100.44	94.44	59.43	49.46	43.97	39.92				
		1.27	1.13	1.09	1.09	1.14	1.22	1.74	1.83	1.37	0.98	0.78	0.94	0.94	1.42	1.56	2.15	3.03	4.13	3.81	3.31	2.45	1.81	1.36	1.13				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.71	0.75	-1.86	-3.75	-2.14	-2.84	-9.95	-29.10	-27.37	-24.96	0.00	0.00	0.00	0.00				
ADK S GLENS___FALLS	24028	35.29	31.52	31.43	30.45	31.01	34.98	46.26	50.97	46.81	39.30	39.14	39.22	42.41	46.90	51.89	63.10	83.69	116.69	101.24	95.13	59.15	49.27	43.80	39.77				
		1.09	0.98	0.97	0.97	0.99	1.05	1.48	1.58	1.19	0.82	0.63	0.78	0.77	1.23	1.41	1.98	2.75	3.72	3.39	2.91	2.17	1.62	1.19	0.97				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.73	0.76	1.26	1.77	1.61	-3.02	-10.47	-30.40	-28.58	-26.06	0.00	0.00	0.00	0.00				
ADK_NYS___DAM	23527	34.92	31.19	31.10	30.13	30.68	34.68	46.04	50.53	46.59	38.58	38.44	38.39	47.23	55.46	57.24	64.78	91.43	142.64	125.39	117.39	58.64	48.88	43.20	39.49				
		0.72	0.64	0.64	0.65	0.66	0.75	1.25	1.14	0.96	0.86	0.86	0.94	1.07	1.19	1.46	1.74	2.19	2.72	2.15	1.85	1.65	1.24	0.60	0.70				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	1.66	1.75	-3.26	-6.83	-3.69	-4.93	-18.77	-57.35	-53.97	-49.37	0.00	0.00	0.00	0.00				
AIR_PRODUCTS___DRP	24190	33.75	30.18	30.12	29.16	29.75	33.52	44.34	48.75	45.13	38.22	38.14	38.07	41.38	45.52	50.40	50.71	53.26	47.53	36.36	36.71	56.41	46.98	41.80	38.14				
		-0.44	-0.37	-0.34	-0.32	-0.27	-0.41	-0.45	-0.64	-0.50	-0.39	-0.55	-0.55	-0.56	-0.57	-0.47	-0.41	-0.42	-0.41	-0.62	-0.79	-0.57	-0.67	-0.81	-0.66				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.55	0.58	0.96	1.35	1.23	6.99	16.79	34.63	32.29	28.66	0.00	0.00	0.00	0.00				
AKWESSNE_115KV_BK	355683	32.03	28.44	28.39	27.06	26.07	29.47	38.97	43.95	39.25	30.69	31.90	31.94	37.93	43.17	48.01	57.93	69.22	82.33	66.75	62.57	53.13	42.37	38.14	32.05				
		0.34	0.31	0.30	0.32	0.33	0.37	0.45	0.44	0.27	0.04	0.04	0.04	0.00	-0.09	-0.10	-0.17	-0.21	-0.25	-0.21	-0.13	0.28	0.43	0.47	0.54				
		2.51	2.42	2.37	2.74	4.28	4.84	6.27	5.88	6.65	8.41	7.38	7.30	4.96	4.18	3.98	0.00	1.04	0.00	2.31	3.47	4.14	5.71	4.93	7.29				
ALBANY_1_SOLAR	323833	34.68	30.97	30.91	29.92	30.50	34.40	45.46	49.88	45.86	39.12	38.81	38.80	39.74	42.75	48.63	53.94	61.23	63.89	50.49	49.49	51.25	45.47	42.05	38.33				
		0.48	0.43	0.46	0.44	0.48	0.47	0.67	0.49	0.23	0.28	-0.16	-0.12	-0.82	-0.71	-0.62	-0.47	-0.28	0.00	-0.21	-0.26	-0.23	-0.33	-0.56	-0.46				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.27	0.28	2.34	3.98	2.85	3.70	8.96	18.68	18.57	16.41	5.50	1.85	0.00	0.00				
ALBANY_2_SOLAR	323834	34.68	30.97	30.91	29.92	30.50	34.40	45.46	49.88	45.86	39.11	38.81	38.80	39.74	42.70	48.62	53.94	61.22	63.80	50.41	49.42	51.27	45.42	42.05	38.29				
		0.48	0.43	0.46	0.44	0.48	0.47	0.67	0.49	0.23	0.28	-0.16	-0.12	-0.82	-0.76	-0.62	-0.47	-0.28	-0.08	-0.28	-0.33	-0.23	-0.38	-0.56	-0.51				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.27	0.29	2.34	3.98	2.85	3.70	8.97	18.70	18.58	16.42	5.49	1.84	0.00	0.00				
ALBANY___1	23571	33.75	30.18	30.12	29.16	29.75	33.52	44.34	48.75	45.13	38.22	38.14	38.07	41.38	45.52	50.40	50.71	53.26	47.53	36.36	36.71	56.41	46.98	41.80	38.14				
		-0.44	-0.37	-0.34	-0.32	-0.27	-0.41	-0.45	-0.64	-0.50	-0.39	-0.55	-0.55	-0.56	-0.57	-0.47	-0.41	-0.42	-0.41	-0.62	-0.79	-0.57	-0.67	-0.81	-0.66				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.55	0.58	0.96	1.35	1.23	6.99	16.79	34.63	32.29	28.66	0.00	0.00	0.00	0.00				

ALBANY___2 23572	33.75 -0.44 0.00	30.18 -0.37 0.00	30.12 -0.34 0.00	29.16 -0.32 0.00	29.75 -0.27 0.00	33.52 -0.41 0.00	44.34 -0.45 0.00	48.75 -0.64 0.00	45.13 -0.50 0.00	38.22 -0.39 0.44	38.14 -0.55 0.55	38.07 -0.55 0.58	41.38 -0.56 0.96	45.52 -0.57 1.35	50.40 -0.47 1.23	50.71 -0.41 6.99	53.26 -0.42 16.79	47.53 -0.41 34.63	36.36 -0.62 32.29	36.71 -0.79 28.66	56.41 -0.57 0.00	46.98 -0.67 0.00	41.80 -0.81 0.00	38.14 -0.66 0.00
ALBANY___3 23573	33.75 -0.44 0.00	30.18 -0.37 0.00	30.12 -0.34 0.00	29.16 -0.32 0.00	29.75 -0.27 0.00	33.52 -0.41 0.00	44.34 -0.45 0.00	48.75 -0.64 0.00	45.13 -0.50 0.00	38.22 -0.39 0.44	38.14 -0.55 0.55	38.07 -0.55 0.58	41.38 -0.56 0.96	45.52 -0.57 1.35	50.40 -0.47 1.23	50.71 -0.41 6.99	53.26 -0.42 16.79	47.53 -0.41 34.63	36.36 -0.62 32.29	36.71 -0.79 28.66	56.41 -0.57 0.00	46.98 -0.67 0.00	41.80 -0.81 0.00	38.14 -0.66 0.00
ALBANY___4 23574	33.75 -0.44 0.00	30.18 -0.37 0.00	30.12 -0.34 0.00	29.16 -0.32 0.00	29.75 -0.27 0.00	33.52 -0.41 0.00	44.34 -0.45 0.00	48.75 -0.64 0.00	45.13 -0.50 0.00	38.22 -0.39 0.44	38.14 -0.55 0.55	38.07 -0.55 0.58	41.38 -0.56 0.96	45.52 -0.57 1.35	50.40 -0.47 1.23	50.71 -0.41 6.99	53.26 -0.42 16.79	47.53 -0.41 34.63	36.36 -0.62 32.29	36.71 -0.79 28.66	56.41 -0.57 0.00	46.98 -0.67 0.00	41.80 -0.81 0.00	38.14 -0.66 0.00
ALBANY___LFGE 323615	34.13 -0.07 0.00	30.48 -0.06 0.00	30.39 -0.06 0.00	29.45 -0.03 0.00	30.02 0.00 0.00	33.86 -0.07 0.00	44.83 0.04 0.00	49.29 -0.10 0.00	45.58 -0.05 0.00	38.61 0.04 0.49	38.51 -0.12 0.61	38.48 -0.08 0.64	38.50 -0.09 4.31	40.19 0.00 7.25	46.94 0.10 5.26	51.52 0.23 6.82	54.67 0.35 16.16	50.47 0.58 32.68	39.09 0.28 30.45	39.25 0.07 26.98	57.04 0.06 0.00	47.50 -0.14 0.00	42.26 -0.34 0.00	38.56 -0.23 0.00
ALCOA_PA_115KV_PL-6C 55860	58.84 0.58 -24.06	54.21 0.52 -23.15	53.66 0.52 -22.68	56.27 0.53 -26.26	71.60 0.54 -41.04	80.91 0.61 -46.37	116.22 0.76 -70.67	116.46 0.79 -66.28	121.14 0.55 -74.97	134.03 0.23 -94.74	122.66 0.24 -83.18	121.72 0.27 -82.24	99.09 0.26 -55.94	94.64 0.14 -47.06	97.14 0.16 -44.88	58.16 0.06 0.00	82.35 0.14 -11.73	82.74 0.17 0.00	95.49 0.21 -26.02	105.42 0.20 -39.05	104.22 0.63 -46.61	112.71 0.71 -64.35	98.96 0.77 -55.59	121.70 0.78 -82.13
ALCOA_RYNLDS___DRP 24188	58.84 0.58 -24.06	54.21 0.52 -23.15	53.66 0.52 -22.68	56.27 0.53 -26.26	71.60 0.54 -41.04	80.91 0.61 -46.37	116.22 0.76 -70.67	116.46 0.79 -66.28	121.14 0.55 -74.97	134.03 0.23 -94.74	122.66 0.24 -83.18	121.72 0.27 -82.24	99.09 0.26 -55.94	94.64 0.14 -47.06	97.14 0.16 -44.88	58.16 0.06 0.00	82.35 0.14 -11.73	82.74 0.17 0.00	95.49 0.21 -26.02	105.42 0.20 -39.05	104.22 0.63 -46.61	112.71 0.71 -64.35	98.96 0.77 -55.59	121.70 0.78 -82.13
ALCOA___DSASP 323711	58.84 0.58 -24.06	54.21 0.52 -23.15	53.66 0.52 -22.68	56.27 0.53 -26.26	71.60 0.54 -41.04	80.91 0.61 -46.37	116.13 0.67 -70.67	116.31 0.64 -66.28	121.00 0.41 -74.97	134.00 0.20 -94.74	122.58 0.16 -83.18	121.64 0.20 -82.24	99.01 0.17 -55.94	94.59 0.10 -47.06	97.14 0.16 -44.88	58.16 0.06 0.00	82.35 0.14 -11.73	95.52 0.17 -12.78	95.50 0.21 -26.02	105.42 0.20 -39.05	104.22 0.63 -46.61	112.71 0.72 -64.35	98.96 0.77 -55.59	121.74 0.82 -82.13
ALLEGHENY___COGEN 23514	37.09 1.88 -1.02	32.96 1.68 -0.73	32.51 1.67 -0.38	31.30 1.44 -0.37	31.80 1.44 -0.34	36.66 1.73 -1.00	47.46 2.06 -0.62	52.50 2.37 -0.74	49.80 2.28 -1.89	42.29 1.87 -1.36	42.71 2.00 -1.47	42.04 1.37 -1.47	47.94 1.41 -3.63	53.26 1.80 -4.01	58.28 1.77 -4.40	64.46 1.45 -4.90	74.51 1.62 -2.41	85.85 2.23 -1.05	79.13 4.02 -5.85	76.46 4.70 -5.60	61.70 2.50 -2.21	53.99 2.33 -4.01	46.09 2.38 -1.10	41.42 1.82 -0.80
ALTAMONT_115KV_TB 2 55880	34.33 0.14 0.00	30.70 0.15 0.00	30.61 0.15 0.00	29.63 0.15 0.00	30.20 0.18 0.00	34.10 0.17 0.00	45.05 0.27 0.00	49.64 0.25 0.00	45.86 0.23 0.00	39.05 0.27 0.28	39.00 0.12 0.35	38.99 0.16 0.37	42.49 0.21 0.61	46.81 0.24 0.87	51.73 0.42 0.79	55.02 0.52 3.61	62.81 0.78 8.44	66.78 0.99 16.79	54.19 0.55 15.63	52.73 0.40 13.83	57.32 0.34 0.00	47.79 0.14 0.00	42.56 -0.04 0.00	38.83 0.04 0.00
ALTONA_WT_PWR 323606	37.21 1.74 -1.26	33.26 1.50 -1.22	33.14 1.49 -1.19	32.39 1.53 -1.38	33.83 1.65 -2.16	38.30 1.93 -2.44	48.41 0.45 -3.17	51.82 -0.54 -2.97	48.35 -0.64 -3.36	43.73 0.43 -4.25	43.40 0.43 -3.73	43.36 0.47 -3.69	45.27 -0.13 -2.51	48.55 -1.00 -2.11	53.07 -1.04 -2.01	57.00 -1.11 0.00	69.87 -1.13 -0.53	81.91 -1.24 -0.57	69.47 -0.97 -1.17	66.99 -0.93 -1.75	58.68 -0.40 -2.09	50.82 0.29 -2.89	46.72 1.62 -2.49	44.92 2.45 -3.68
AMERICAN_REF_FUEL 24010	34.88 -0.20 -0.88	31.00 -0.18 -0.64	30.69 -0.09 -0.33	29.78 -0.03 -0.33	30.04 -0.27 -0.30	34.23 -0.58 -0.87	43.40 -1.92 -0.54	47.82 -2.22 -0.65	46.00 -1.28 -1.65	39.73 -0.51 -1.18	40.32 -0.20 -1.28	39.73 -0.75 -1.28	45.23 -0.82 -3.16	50.32 -0.62 -3.49	54.68 -1.25 -3.83	59.82 -2.56 -4.26	67.06 -4.23 -0.81	75.79 -6.19 0.59	71.38 -2.98 -5.09	69.12 -1.92 -4.87	54.50 -3.48 -1.00	49.04 -2.10 -3.49	42.75 -0.81 -0.95	38.75 -0.74 -0.69
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.86 0.75 -0.91	31.84 0.64 -0.66	31.52 0.73 -0.34	30.70 0.88 -0.34	31.02 0.69 -0.30	35.58 0.75 -0.90	45.65 0.32 -0.55	50.35 0.30 -0.67	48.28 0.96 -1.70	41.53 1.25 -1.22	42.28 1.72 -1.32	41.62 1.10 -1.32	47.39 1.24 -3.25	52.84 1.80 -3.60	57.50 1.46 -3.95	63.08 0.58 -4.39	71.56 -0.21 -1.30	80.93 -1.57 0.07	75.90 1.38 -5.24	73.17 1.98 -5.02	58.12 -0.23 -1.36	51.53 0.29 -3.60	44.86 1.28 -0.98	40.56 1.05 -0.71
ARTHUR KILL_GT_1 23520	20.70 1.27 14.76	18.71 1.07 12.90	17.05 0.97 14.38	16.46 0.94 13.96	17.20 0.93 13.75	20.78 1.09 14.24	23.57 1.66 22.88	23.88 2.12 27.63	23.90 2.28 24.01	23.88 2.34 17.51	25.41 2.55 16.38	25.86 2.78 16.12	25.91 3.22 20.21	26.10 3.65 24.99	30.71 4.22 25.61	37.77 4.65 24.98	44.67 6.06 31.87	58.04 6.69 31.22	52.86 5.33 21.75	44.47 4.70 26.39	32.13 3.65 28.50	26.03 2.62 24.24	25.96 2.13 18.77	25.45 1.98 15.32
ARTHUR_KILL_2 23512	20.60 1.16 14.76	18.65 1.01 12.90	16.93 0.85 14.38	16.34 0.82 13.96	17.11 0.84 13.75	20.71 1.02 14.24	23.47 1.57 22.88	23.83 2.07 27.63	23.81 2.19 24.01	23.81 2.26 17.51	25.37 2.51 16.38	25.86 2.78 16.12	25.95 3.26 20.21	26.01 3.56 24.99	30.50 4.01 25.61	37.54 4.41 24.98	44.39 5.78 31.87	57.71 6.36 31.22	52.51 4.99 21.75	44.21 4.43 26.39	31.84 3.36 28.50	25.74 2.33 24.24	25.83 2.00 18.77	25.30 1.82 15.32
ARTHUR_KILL_3 23513	20.38 0.96 14.77	18.46 0.83 12.91	16.77 0.70 14.38	16.19 0.68 13.97	16.92 0.66 13.76	20.53 0.85 14.25	23.29 1.39 22.89	23.59 1.83 27.63	23.54 1.92 24.00	23.58 2.03 17.51	24.98 2.12 16.37	25.40 2.31 16.12	25.44 2.75 20.20	25.40 2.94 24.99	29.94 3.44 25.60	37.01 3.89 24.99	43.60 5.00 31.88	56.97 5.62 31.23	51.95 4.44 21.75	43.74 3.97 26.40	31.55 3.07 28.51	25.45 2.05 24.25	25.44 1.62 18.78	24.90 1.44 15.33

ARTHUR_KILL_COGEN 323718	20.73 1.30 14.76	18.74 1.10 12.90	17.02 0.95 14.38	16.46 0.94 13.96	17.20 0.93 13.75	20.81 1.12 14.24	23.65 1.74 22.88	23.98 2.22 27.63	23.94 2.33 24.01	23.92 2.38 17.51	25.49 2.63 16.38	25.98 2.90 16.12	26.08 3.39 20.21	26.15 3.70 24.99	30.71 4.22 25.61	37.77 4.65 24.98	44.67 6.06 31.87	58.04 6.69 31.22	52.86 5.33 21.75	44.54 4.77 26.39	32.13 3.65 28.50	25.88 2.48 24.24	26.00 2.17 18.77	25.41 1.94 15.32
ASHOKAN____ 23654	34.99 0.79 0.00	31.22 0.67 0.00	31.16 0.70 0.00	30.16 0.68 0.00	30.68 0.66 0.00	34.68 0.75 0.00	45.91 1.12 0.00	50.28 0.89 0.00	46.08 0.46 0.00	41.01 1.95 0.00	40.65 1.41 0.00	40.50 1.29 0.00	43.33 1.63 1.19	47.36 2.04 2.12	53.11 2.45 1.44	58.91 2.67 1.88	69.52 4.09 5.04	75.94 5.04 11.68	60.93 3.67 12.01	59.26 3.77 10.68	55.06 3.30 5.22	48.13 2.24 1.75	43.28 0.68 0.00	39.34 0.54 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.58 1.37 -0.01	31.74 1.19 -0.01	31.53 1.07 -0.01	30.52 1.03 -0.01	31.08 1.05 -0.01	35.08 1.15 0.00	46.53 1.74 0.00	51.46 2.07 0.00	47.68 2.06 0.01	41.77 2.15 -0.57	42.35 2.39 -0.72	42.68 2.70 -0.77	47.20 3.05 -1.26	52.49 3.27 -1.77	57.51 3.80 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.89 2.24 0.00	44.78 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.58 1.37 -0.01	31.71 1.16 -0.01	31.50 1.04 -0.01	30.52 1.03 -0.01	31.05 1.02 -0.01	35.08 1.15 0.00	46.49 1.70 0.00	51.42 2.03 0.00	47.63 2.01 0.01	41.73 2.11 -0.57	42.35 2.39 -0.72	42.68 2.70 -0.77	47.16 3.00 -1.26	52.49 3.27 -1.77	57.51 3.80 -1.61	64.39 4.24 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.12 4.92 -0.93	70.96 4.37 -0.43	60.23 3.25 0.00	49.84 2.19 0.00	44.74 2.13 -0.01	40.74 1.94 -0.01
ASTORIA_GT2_1 24094	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 0.00	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT2_2 24095	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT2_3 24096	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT2_4 24097	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT3_1 24098	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT3_2 24099	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT3_3 24100	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT3_4 24101	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT4_1 24102	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT4_2 24103	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT4_3 24104	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01

ASTORIA_GT4_4 24105	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.52 1.03 -0.01	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	51.32 1.93 0.00	47.59 1.96 0.00	41.70 2.07 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.44 3.23 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.79 2.17 -0.01	40.78 1.98 -0.01
ASTORIA_GT_1 23523	35.63 1.44 0.00	31.77 1.22 0.00	31.58 1.13 0.00	30.58 1.09 -0.01	31.13 1.11 0.00	35.15 1.22 0.00	46.49 1.70 0.00	51.41 2.02 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.16 3.00 -1.26	52.59 3.37 -1.77	57.72 4.01 -1.61	64.63 4.47 -2.05	79.21 5.71 -3.02	90.33 6.61 -1.15	75.33 5.13 -0.93	71.16 4.57 -0.43	60.46 3.48 0.00	50.08 2.43 0.00	44.87 2.26 -0.01	40.86 2.06 -0.01
ASTORIA_GT_10 24110	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.27 1.88 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.49 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	78.92 5.43 -3.02	89.75 6.03 -1.15	74.91 4.71 -0.93	70.70 4.10 -0.43	60.17 3.19 0.00	49.84 2.19 0.00	44.44 1.83 0.00	40.50 1.71 0.00
ASTORIA_GT_11 24225	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.27 1.88 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.49 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	78.92 5.43 -3.02	89.75 6.03 -1.15	74.91 4.71 -0.93	70.70 4.10 -0.43	60.17 3.19 0.00	49.84 2.19 0.00	44.44 1.83 0.00	40.50 1.71 0.00
ASTORIA_GT_12 24226	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.27 1.88 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.49 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	78.92 5.43 -3.02	89.75 6.03 -1.15	74.91 4.71 -0.93	70.70 4.10 -0.43	60.17 3.19 0.00	49.84 2.19 0.00	44.44 1.83 0.00	40.50 1.71 0.00
ASTORIA_GT_13 24227	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.27 1.88 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.49 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	78.92 5.43 -3.02	89.75 6.03 -1.15	74.91 4.71 -0.93	70.70 4.10 -0.43	60.17 3.19 0.00	49.84 2.19 0.00	44.44 1.83 0.00	40.50 1.71 0.00
ASTORIA_GT_5 24106	35.63 1.44 0.00	31.77 1.22 0.00	31.58 1.13 0.00	30.58 1.09 -0.01	31.13 1.11 0.00	35.15 1.22 0.00	46.49 1.70 0.00	51.41 2.02 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.16 3.00 -1.26	52.59 3.37 -1.77	57.72 4.01 -1.61	64.63 4.47 -2.05	79.21 5.71 -3.02	90.33 6.61 -1.15	75.33 5.13 -0.93	71.16 4.57 -0.43	60.46 3.48 0.00	50.08 2.43 0.00	44.87 2.26 -0.01	40.86 2.06 -0.01
ASTORIA_GT_7 24107	35.63 1.44 0.00	31.77 1.22 0.00	31.58 1.13 0.00	30.58 1.09 -0.01	31.13 1.11 0.00	35.15 1.22 0.00	46.49 1.70 0.00	51.41 2.02 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.16 3.00 -1.26	52.59 3.37 -1.77	57.72 4.01 -1.61	64.63 4.47 -2.05	79.21 5.71 -3.02	90.33 6.61 -1.15	75.33 5.13 -0.93	71.16 4.57 -0.43	60.46 3.48 0.00	50.08 2.43 0.00	44.87 2.26 -0.01	40.86 2.06 -0.01
ASTORIA_GT_8 24108	35.63 1.44 0.00	31.77 1.22 0.00	31.58 1.13 0.00	30.58 1.09 -0.01	31.13 1.11 0.00	35.15 1.22 0.00	46.49 1.70 0.00	51.41 2.02 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.16 3.00 -1.26	52.59 3.37 -1.77	57.72 4.01 -1.61	64.63 4.47 -2.05	79.21 5.71 -3.02	90.33 6.61 -1.15	75.33 5.13 -0.93	71.16 4.57 -0.43	60.46 3.48 0.00	50.08 2.43 0.00	44.87 2.26 -0.01	40.86 2.06 -0.01
ASTORIA___2 24149	35.58 1.37 -0.01	31.74 1.19 -0.01	31.53 1.07 -0.01	30.52 1.03 -0.01	31.08 1.05 -0.01	35.08 1.15 0.00	46.53 1.74 0.00	51.46 2.07 0.00	47.68 2.06 0.01	41.77 2.15 -0.57	42.35 2.39 -0.72	42.68 2.70 -0.77	47.20 3.05 -1.26	52.49 3.27 -1.77	57.51 3.80 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.89 2.24 0.00	44.78 2.17 -0.01	40.78 1.98 -0.01
ASTORIA___3 23516	35.32 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.33 0.86 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.20 3.05 -1.26	52.54 3.32 -1.77	57.51 3.80 -1.61	64.45 4.30 -2.05	78.93 5.43 -3.02	89.75 6.02 -1.15	74.91 4.71 -0.93	70.77 4.17 -0.43	60.11 3.13 0.00	49.74 2.09 0.00	44.44 1.83 0.00	40.50 1.71 0.00
ASTORIA___4 23517	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.27 1.88 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.49 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	78.92 5.43 -3.02	89.75 6.03 -1.15	74.91 4.71 -0.93	70.70 4.10 -0.43	60.17 3.19 0.00	49.84 2.19 0.00	44.44 1.83 0.00	40.50 1.71 0.00
ASTORIA___5 23518	35.32 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.33 0.86 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.20 3.05 -1.26	52.54 3.32 -1.77	57.51 3.80 -1.61	64.45 4.30 -2.05	78.93 5.43 -3.02	89.75 6.02 -1.15	74.91 4.71 -0.93	70.77 4.17 -0.43	60.11 3.13 0.00	49.74 2.09 0.00	44.44 1.83 0.00	40.50 1.71 0.00
AST_ENERGY_2_CC3 323677	21.01 1.02 14.21	21.01 0.85 10.39	21.01 0.76 10.21	21.01 0.74 9.21	21.01 0.75 9.76	21.01 0.81 13.73	23.74 1.25 22.30	23.99 1.58 26.98	21.01 1.55 26.17	23.95 1.76 16.87	25.81 2.00 15.43	25.81 2.31 15.71	28.60 2.57 16.87	31.73 2.80 18.51	39.62 3.28 15.77	43.50 3.72 18.33	56.99 4.79 18.28	71.96 5.53 16.15	57.19 4.23 16.31	53.11 3.70 16.76	42.55 2.74 17.16	32.14 1.76 17.27	27.03 1.75 17.32	27.99 1.55 12.36
AST_ENERGY_2_CC4 323678	21.01 1.02 14.21	21.01 0.85 10.39	21.01 0.76 10.21	21.01 0.74 9.21	21.01 0.75 9.76	21.01 0.81 13.73	23.74 1.25 22.30	23.99 1.58 26.98	21.01 1.55 26.17	23.95 1.76 16.87	25.81 2.00 15.43	25.81 2.31 15.71	28.60 2.57 16.87	31.73 2.80 18.51	39.62 3.28 15.77	43.50 3.72 18.33	56.99 4.79 18.28	71.96 5.53 16.15	57.19 4.23 16.31	53.11 3.70 16.76	42.55 2.74 17.16	32.14 1.76 17.27	27.03 1.75 17.32	27.99 1.55 12.36

ATHENS_STG_1 23668	34.47 0.27 0.00	30.79 0.24 0.00	30.70 0.24 0.00	29.71 0.23 0.00	30.26 0.24 0.00	34.20 0.27 0.00	45.23 0.45 0.00	49.88 0.49 0.00	46.18 0.55 0.00	39.92 0.62 -0.24	40.13 0.59 -0.30	40.18 0.67 -0.31	44.18 0.77 -0.52	49.07 0.90 -0.73	53.86 1.10 -0.66	60.23 1.28 -0.85	73.35 1.62 -1.25	84.95 1.90 -0.48	70.90 1.25 -0.39	67.40 1.06 -0.18	57.84 0.86 0.00	48.17 0.53 0.00	42.90 0.30 0.00	39.14 0.35 0.00
ATHENS_STG_2 23670	34.47 0.27 0.00	30.79 0.24 0.00	30.70 0.24 0.00	29.71 0.23 0.00	30.26 0.24 0.00	34.20 0.27 0.00	45.23 0.45 0.00	49.88 0.49 0.00	46.18 0.55 0.00	39.92 0.62 -0.24	40.13 0.59 -0.30	40.18 0.67 -0.31	44.18 0.77 -0.52	49.07 0.90 -0.73	53.86 1.10 -0.66	60.23 1.28 -0.85	73.35 1.62 -1.25	84.95 1.90 -0.48	70.90 1.25 -0.39	67.40 1.06 -0.18	57.84 0.86 0.00	48.17 0.53 0.00	42.90 0.30 0.00	39.14 0.35 0.00
ATHENS_STG_3 23677	34.47 0.27 0.00	30.79 0.24 0.00	30.70 0.24 0.00	29.71 0.23 0.00	30.26 0.24 0.00	34.20 0.27 0.00	45.23 0.45 0.00	49.88 0.49 0.00	46.18 0.55 0.00	39.92 0.62 -0.24	40.13 0.59 -0.30	40.18 0.67 -0.31	44.18 0.77 -0.52	49.07 0.90 -0.73	53.86 1.10 -0.66	60.23 1.28 -0.85	73.35 1.62 -1.25	84.95 1.90 -0.48	70.90 1.25 -0.39	67.40 1.06 -0.18	57.84 0.86 0.00	48.17 0.53 0.00	42.90 0.30 0.00	39.14 0.35 0.00
AUBURN___LFGE 323710	36.85 0.34 -2.31	32.60 0.31 -1.75	31.75 0.24 -1.05	30.81 0.24 -1.09	31.46 0.21 -1.23	36.87 0.34 -2.60	46.38 0.40 -1.20	51.43 0.59 -1.45	50.00 0.68 -3.69	42.41 0.70 -2.65	42.90 0.78 -2.87	42.77 0.71 -2.86	50.70 0.73 -7.08	56.03 0.76 -7.83	61.31 0.63 -8.59	68.24 0.58 -9.56	82.59 0.49 -11.63	93.38 0.58 -10.23	81.85 1.18 -11.40	78.40 1.32 -10.91	66.90 0.57 -9.35	55.90 0.43 -7.82	45.25 0.51 -2.14	40.62 0.27 -1.55
BABYLON_RES_REC 323704	34.95 0.75 0.00	31.19 0.64 0.00	30.82 0.37 0.00	29.71 0.23 0.00	30.29 0.27 0.00	34.23 0.30 0.01	42.02 0.49 3.26	43.26 0.84 6.97	42.39 0.96 4.20	40.88 1.25 -0.57	41.48 1.53 -0.71	41.60 1.65 -0.75	45.68 1.54 -1.25	50.82 1.61 -1.76	55.57 1.87 -1.60	62.30 2.15 -2.04	76.44 2.96 -3.01	82.66 3.39 3.30	72.89 2.70 -0.93	68.84 2.25 -0.42	58.68 1.71 0.01	48.83 1.19 0.01	43.49 0.90 0.01	39.72 0.93 0.01
BALL_HILL_WT_PWR 323825	35.61 0.51 -0.90	31.62 0.43 -0.65	31.28 0.49 -0.34	30.37 0.56 -0.33	30.68 0.36 -0.30	35.09 0.27 -0.89	44.89 -0.45 -0.55	49.41 -0.64 -0.66	47.49 0.18 -1.68	40.85 0.59 -1.21	41.49 0.94 -1.31	40.86 0.35 -1.30	46.50 0.39 -3.22	51.81 0.81 -3.56	56.37 0.37 -3.91	61.82 -0.64 -4.35	69.85 -1.76 -1.14	79.11 -3.22 0.24	74.25 -0.21 -5.19	71.66 0.53 -4.97	56.74 -1.48 -1.24	50.58 -0.62 -3.56	44.05 0.47 -0.97	39.85 0.35 -0.71
BARON_WINDS___WT_PWR 323822	35.49 0.21 -1.08	31.51 0.18 -0.78	31.07 0.21 -0.40	30.08 0.21 -0.40	30.47 0.09 -0.36	35.13 0.14 -1.07	45.31 -0.13 -0.66	49.98 -0.20 -0.79	47.96 0.32 -2.01	41.01 0.51 -1.45	41.59 0.78 -1.57	41.08 0.31 -1.56	47.14 0.39 -3.86	52.42 0.71 -4.27	57.25 0.47 -4.68	63.15 -0.17 -5.21	73.47 -0.77 -3.77	83.61 -1.48 -2.52	76.11 0.62 -6.22	73.24 1.12 -5.95	59.74 -0.46 -3.22	51.87 -0.05 -4.27	44.37 0.60 -1.17	40.07 0.43 -0.85
BARRETT_IC_1 23704	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_10 23701	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_11 23702	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_12 23703	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_2 23705	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_3 23706	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_4 23707	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_5 23708	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02

BARRETT_IC_6 23709	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_7 23710	34.68 0.48 0.00	31.03 0.49 0.00	30.76 0.30 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.06 0.14 0.01	41.11 0.13 3.81	41.59 0.35 8.15	41.26 0.55 4.91	40.49 0.86 -0.57	41.01 1.06 -0.71	41.13 1.18 -0.75	45.56 1.42 -1.25	50.85 1.66 -1.75	55.89 2.19 -1.60	62.59 2.44 -2.04	76.72 3.24 -3.01	82.15 3.63 4.05	73.10 2.91 -0.93	69.10 2.51 -0.42	58.85 1.88 0.01	48.74 1.10 0.01	43.11 0.51 0.01	39.25 0.47 0.01
BARRETT_IC_8 23711	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT_IC_9 23700	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT___1 23545	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BARRETT___2 23546	34.68 0.48 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.15 0.18 3.81	41.69 0.44 8.15	41.36 0.64 4.91	40.52 0.90 -0.56	41.08 1.14 -0.71	41.28 1.33 -0.75	45.76 1.63 -1.24	50.95 1.76 -1.75	55.88 2.19 -1.59	62.63 2.50 -2.03	76.79 3.31 -3.00	82.24 3.72 4.05	73.09 2.91 -0.92	69.03 2.45 -0.41	58.84 1.88 0.02	48.73 1.10 0.02	43.10 0.51 0.02	39.25 0.47 0.02
BATAVIA___115KV_TB1 55881	36.51 1.44 -0.88	32.40 1.22 -0.63	31.91 1.13 -0.33	30.83 1.03 -0.32	31.27 0.96 -0.29	35.85 1.05 -0.87	45.86 0.54 -0.53	50.63 0.59 -0.64	48.31 1.05 -1.64	41.79 1.56 -1.18	42.47 1.96 -1.27	42.16 1.69 -1.27	47.58 1.54 -3.14	52.58 1.66 -3.47	57.16 1.25 -3.81	62.75 0.41 -4.24	70.64 -0.35 -0.52	80.70 -0.99 0.88	75.51 1.18 -5.06	73.32 2.32 -4.84	57.85 0.06 -0.81	51.55 0.43 -3.47	44.70 1.15 -0.95	40.26 0.78 -0.69
BAYONEEC___CTG1 323682	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BAYONEEC___CTG10 323750	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BAYONEEC___CTG2 323683	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BAYONEEC___CTG3 323684	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BAYONEEC___CTG4 323685	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BAYONEEC___CTG5 323686	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BAYONEEC___CTG6 323687	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BAYONEEC___CTG7 323688	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00

BAYONEEC___CTG8 323689	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BAYONEEC___CTG9 323749	35.33 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.31 0.82 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.47 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.32 2.35 -0.72	42.52 2.55 -0.77	47.11 2.96 -1.26	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.75 6.02 -1.15	74.98 4.78 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BEACON___LESR 323632	34.30 0.10 0.00	30.64 0.09 0.00	30.55 0.09 0.00	29.57 0.09 0.00	30.17 0.15 0.00	34.07 0.14 0.00	45.14 0.36 0.00	49.59 0.20 0.00	45.81 0.18 0.00	38.78 0.20 0.47	38.65 0.00 0.59	38.66 0.08 0.62	38.01 0.00 4.88	39.30 0.14 8.29	46.41 0.26 5.95	50.84 0.46 7.73	52.55 0.70 18.63	44.97 0.99 38.60	33.97 0.69 35.99	34.67 0.47 31.96	57.33 0.34 0.00	47.70 0.05 0.00	42.43 -0.17 0.00	38.68 -0.12 0.00
BEAVER RIVER___HYD 24048	42.47 1.16 -7.10	38.25 1.07 -6.63	37.75 1.07 -6.23	37.67 1.03 -7.16	42.05 1.05 -10.98	48.24 1.39 -12.91	63.22 2.19 -16.24	67.28 2.52 -15.37	66.01 2.15 -18.24	62.79 1.52 -22.21	60.30 1.33 -19.73	59.97 1.25 -19.51	59.54 1.24 -15.41	62.46 1.28 -13.74	67.02 1.35 -13.57	63.82 1.74 -3.98	79.76 1.90 -7.38	92.40 2.72 -7.10	82.51 2.70 -10.54	82.19 2.78 -13.24	73.76 2.50 -14.27	67.33 2.09 -17.59	57.75 1.87 -13.27	59.29 1.55 -18.94
BEEBEE_GT_13 23619	35.66 0.62 -0.85	31.64 0.49 -0.61	31.20 0.43 -0.32	30.15 0.35 -0.31	30.63 0.33 -0.28	35.11 0.34 -0.84	45.30 0.00 -0.51	50.06 0.05 -0.62	47.66 0.46 -1.58	41.01 0.82 -1.13	41.57 1.10 -1.23	41.45 1.02 -1.22	46.87 0.94 -3.03	51.79 1.00 -3.35	56.50 0.73 -3.67	62.37 0.17 -4.09	69.94 0.12 0.12	80.18 1.57 1.57	74.56 0.42 -4.88	71.96 1.12 -4.67	57.15 -0.17 -0.34	51.04 0.05 -3.35	43.90 0.38 -0.91	39.58 0.12 -0.66
BENSHRST_27_KV_BENSHRST_1 355998	35.50 1.30 0.00	31.68 1.13 0.00	31.46 1.01 0.00	30.45 0.97 0.00	30.98 0.96 0.00	35.08 1.15 0.00	46.53 1.75 0.00	51.61 2.22 0.00	48.00 2.37 0.00	42.06 2.42 -0.58	42.63 2.67 -0.72	42.87 2.90 -0.77	47.50 3.35 -1.26	53.01 3.80 -1.77	58.08 4.38 -1.61	64.92 4.76 -2.05	79.63 6.13 -3.02	90.66 6.94 -1.15	75.67 5.47 -0.93	71.43 4.83 -0.43	60.74 3.76 0.00	50.32 2.67 0.00	44.82 2.22 0.00	40.81 2.02 0.00
BETHLEHEM___GRP 23843	33.75 -0.44 0.00	30.18 -0.37 0.00	30.12 -0.34 0.00	29.16 -0.32 0.00	29.75 -0.27 0.00	33.52 -0.41 0.00	44.34 -0.45 0.00	48.75 -0.64 0.00	45.13 -0.50 0.00	38.22 -0.39 0.44	38.14 -0.55 0.55	38.07 -0.55 0.58	41.38 -0.56 0.96	45.52 -0.57 1.35	50.40 -0.47 1.23	50.71 -0.41 6.99	53.26 -0.42 16.79	47.53 -0.41 34.63	36.36 -0.62 32.29	36.71 -0.79 28.66	56.41 -0.57 0.00	46.98 -0.67 0.00	41.80 -0.81 0.00	38.14 -0.66 0.00
BETHLEHEM___GS1 323560	33.79 -0.41 0.00	30.18 -0.37 0.00	30.09 -0.36 0.00	29.16 -0.32 0.00	29.75 -0.27 0.00	33.52 -0.41 0.00	44.38 -0.40 0.00	48.80 -0.59 0.00	45.13 -0.50 0.00	38.26 -0.35 0.44	38.17 -0.51 0.55	38.15 -0.47 0.58	37.92 -0.56 4.42	39.44 -0.52 7.48	46.24 -0.47 5.39	50.71 -0.40 6.99	53.26 -0.42 16.79	47.53 -0.41 34.63	36.35 -0.62 32.29	36.78 -0.73 28.66	56.41 -0.57 0.00	46.98 -0.67 0.00	41.79 -0.81 0.00	38.14 -0.66 0.00
BETHLEHEM___GS2 323561	33.79 -0.41 0.00	30.18 -0.37 0.00	30.09 -0.36 0.00	29.16 -0.32 0.00	29.75 -0.27 0.00	33.52 -0.41 0.00	44.38 -0.40 0.00	48.80 -0.59 0.00	45.13 -0.50 0.00	38.26 -0.35 0.44	38.17 -0.51 0.55	38.15 -0.47 0.58	37.92 -0.56 4.42	39.44 -0.52 7.48	46.24 -0.47 5.39	50.71 -0.40 6.99	53.26 -0.42 16.79	47.53 -0.41 34.63	36.35 -0.62 32.29	36.78 -0.73 28.66	56.41 -0.57 0.00	46.98 -0.67 0.00	41.79 -0.81 0.00	38.14 -0.66 0.00
BETHLEHEM___GS3 323562	33.79 -0.41 0.00	30.18 -0.37 0.00	30.09 -0.36 0.00	29.16 -0.32 0.00	29.75 -0.27 0.00	33.52 -0.41 0.00	44.38 -0.40 0.00	48.80 -0.59 0.00	45.13 -0.50 0.00	38.26 -0.35 0.44	38.17 -0.51 0.55	38.15 -0.47 0.58	37.92 -0.56 4.42	39.44 -0.52 7.48	46.24 -0.47 5.39	50.71 -0.40 6.99	53.26 -0.42 16.79	47.53 -0.41 34.63	36.35 -0.62 32.29	36.78 -0.73 28.66	56.41 -0.57 0.00	46.98 -0.67 0.00	41.79 -0.81 0.00	38.14 -0.66 0.00
BETHLEHEM___STEEL 23779	35.68 0.58 -0.90	31.65 0.46 -0.65	31.19 0.40 -0.34	30.34 0.53 -0.33	30.62 0.30 -0.30	35.03 0.20 -0.89	44.66 -0.67 -0.55	49.01 -1.04 -0.66	47.08 -0.23 -1.68	40.74 0.47 -1.21	41.49 0.94 -1.31	41.10 0.59 -1.31	46.55 0.43 -3.23	51.68 0.66 -3.57	56.17 0.16 -3.92	61.65 -0.81 -4.36	69.62 -1.97 -1.12	78.80 -3.55 0.22	73.85 -0.62 -5.20	71.55 0.40 -4.98	56.47 -1.77 -1.26	50.26 -0.95 -3.57	43.88 0.30 -0.98	39.70 0.19 -0.71
BETHLHEM_115KV_TB1 79974	33.89 -0.31 0.00	30.30 -0.24 0.00	30.21 -0.24 0.00	29.24 -0.24 0.00	29.84 -0.18 0.00	33.62 -0.31 0.00	44.47 -0.31 0.00	48.95 -0.44 0.00	45.26 -0.37 0.00	38.41 -0.23 0.42	38.33 -0.39 0.52	38.26 -0.39 0.55	41.61 -0.39 0.90	45.79 -0.38 1.27	50.68 -0.26 1.16	51.37 -0.23 6.50	54.66 -0.21 15.61	50.28 -0.17 32.13	38.90 -0.42 29.95	39.05 -0.53 26.58	56.58 -0.40 0.00	47.12 -0.52 0.00	41.92 -0.68 0.00	38.25 -0.54 0.00
BETHPAGE_CC_5 323564	34.74 0.55 0.00	31.06 0.52 0.00	30.70 0.24 0.00	29.63 0.15 0.00	30.20 0.18 0.00	34.09 0.17 0.01	42.01 0.27 3.05	43.42 0.54 6.51	42.39 0.69 3.92	40.68 1.05 -0.57	41.25 1.29 -0.71	41.41 1.45 -0.75	45.86 1.72 -1.25	51.05 1.85 -1.76	56.05 2.35 -1.60	62.82 2.67 -2.04	77.01 3.52 -3.01	83.53 3.96 3.01	73.38 3.19 -0.93	69.30 2.71 -0.42	59.08 2.11 0.01	48.93 1.29 0.01	43.24 0.64 0.01	39.45 0.66 0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.72 0.62 -0.91	31.66 0.46 -0.65	31.19 0.40 -0.34	30.34 0.53 -0.33	30.65 0.33 -0.30	35.06 0.24 -0.90	44.75 -0.58 -0.55	49.16 -0.89 -0.66	47.23 -0.09 -1.69	40.86 0.59 -1.21	41.61 1.06 -1.31	41.22 0.71 -1.31	46.69 0.56 -3.24	51.83 0.81 -3.58	56.34 0.31 -3.93	61.78 -0.70 -4.37	69.83 -1.83 -1.19	79.04 -3.39 0.15	74.07 -0.42 -5.22	71.69 0.53 -5.00	56.64 -1.65 -1.31	50.32 -0.91 -3.58	43.92 0.34 -0.98	39.74 0.23 -0.71
BINGHAMTON___COGEN 23790	35.61 0.31 -1.11	31.62 0.27 -0.80	31.11 0.24 -0.41	30.15 0.27 -0.41	30.60 0.21 -0.37	35.30 0.27 -1.10	45.77 0.31 -0.67	50.50 0.30 -0.81	48.15 0.46 -2.06	41.12 0.59 -1.48	41.55 0.71 -1.61	41.39 0.59 -1.60	47.49 0.64 -3.96	52.63 0.81 -4.38	57.58 0.68 -4.80	64.03 0.58 -5.34	76.42 0.49 -5.46	87.47 0.41 -4.48	76.62 0.97 -6.38	73.39 1.12 -6.10	61.73 0.28 -4.47	52.26 0.24 -4.37	44.27 0.47 -1.19	39.97 0.31 -0.87

BIXINCNT_115KV_LOAD 355685	35.80 0.68 -0.92	31.76 0.55 -0.66	31.22 0.43 -0.34	30.35 0.53 -0.34	30.60 0.27 -0.31	35.14 0.31 -0.91	45.16 -0.18 -0.56	49.57 -0.49 -0.67	47.57 0.23 -1.71	41.07 0.78 -1.23	41.82 1.26 -1.33	41.31 0.78 -1.33	46.90 0.73 -3.28	52.16 1.09 -3.63	56.75 0.68 -3.98	62.30 -0.23 -4.43	70.74 -1.13 -1.39	80.00 -2.64 -0.07	74.90 0.35 -5.28	72.42 1.19 -5.06	57.36 -1.08 -1.46	50.75 -0.52 -3.62	44.23 0.64 -0.99	39.98 0.47 -0.72
BLACK RIVER___HYD 24047	41.46 1.54 -5.72	37.14 1.41 -5.19	36.50 1.40 -4.65	36.16 1.39 -5.30	39.37 1.38 -7.97	45.53 1.80 -9.80	59.50 2.87 -11.85	63.98 3.26 -11.34	62.63 2.83 -14.17	57.67 2.03 -16.59	55.93 1.77 -14.92	55.62 1.65 -14.77	58.00 1.67 -13.43	61.74 1.76 -12.54	66.62 1.82 -12.70	66.80 2.38 -6.31	82.78 2.82 -9.48	95.29 3.96 -8.75	84.89 4.02 -11.60	83.59 4.10 -13.32	73.99 3.53 -13.47	65.60 2.71 -15.24	55.10 2.38 -10.12	54.62 1.94 -13.89
BLACKRVR_115KV_TB2 79977	41.49 1.57 -5.72	37.14 1.41 -5.19	36.50 1.40 -4.65	36.16 1.39 -5.30	39.37 1.38 -7.97	45.53 1.80 -9.80	59.50 2.87 -11.85	63.98 3.26 -11.34	62.63 2.83 -14.17	57.67 2.03 -16.59	55.96 1.80 -14.92	55.66 1.69 -14.77	58.04 1.72 -13.43	61.73 1.76 -12.54	66.57 1.77 -12.70	66.80 2.38 -6.31	82.81 2.82 -9.52	93.29 3.96 -6.75	84.89 4.02 -11.60	83.66 4.17 -13.32	73.99 3.53 -13.47	65.60 2.72 -15.24	55.11 2.39 -10.12	54.66 1.98 -13.89
BLDWN_LI_69_KV_BK4 356085	34.95 0.75 0.00	31.22 0.67 0.00	30.91 0.46 0.00	29.80 0.32 0.00	30.38 0.36 0.00	34.26 0.34 0.01	42.68 0.54 2.65	44.52 0.79 5.66	43.18 0.96 3.41	40.84 1.21 -0.57	41.44 1.49 -0.72	41.57 1.61 -0.75	46.03 1.89 -1.25	51.38 2.18 -1.76	56.51 2.81 -1.60	63.28 3.14 -2.04	77.43 3.95 -3.01	84.65 4.54 2.46	73.94 3.74 -0.93	69.83 3.24 -0.42	59.60 2.62 0.01	49.36 1.72 0.01	43.58 0.98 0.01	39.68 0.89 0.01
BLISS_WT_PWR 323608	35.70 0.58 -0.92	31.72 0.52 -0.66	31.31 0.52 -0.34	30.32 0.50 -0.34	30.57 0.24 -0.31	35.11 0.27 -0.91	45.16 -0.18 -0.56	49.77 -0.29 -0.67	47.84 0.50 -1.71	41.11 0.82 -1.23	41.82 1.26 -1.33	41.04 0.51 -1.33	46.77 0.60 -3.28	52.21 1.14 -3.63	56.86 0.78 -3.98	62.30 -0.23 -4.43	70.83 -1.06 -1.41	79.98 -2.65 -0.05	74.90 0.35 -5.28	72.22 0.99 -5.06	57.40 -1.02 -1.45	50.89 -0.38 -3.62	44.27 0.68 -0.99	40.06 0.54 -0.72
BLUESTONE___WT_PWR 323821	36.62 1.47 -0.95	32.57 1.34 -0.69	32.15 1.34 -0.35	31.16 1.33 -0.35	31.66 1.32 -0.32	36.57 1.70 -0.94	47.92 2.55 -0.58	52.95 2.86 -0.70	50.19 2.78 -1.77	42.63 2.30 -1.27	42.93 2.31 -1.38	42.73 2.15 -1.38	48.52 2.23 -3.40	53.76 2.56 -3.76	58.88 2.66 -4.13	65.89 3.19 -4.59	79.98 3.87 -5.64	92.19 4.70 -4.92	79.39 4.64 -5.48	76.04 4.63 -5.25	64.90 3.42 -4.50	53.88 2.48 -3.76	45.97 2.34 -1.03	41.44 1.90 -0.75
BLUE_CIRC_CHEM_DRP 24182	34.37 0.17 0.00	30.73 0.18 0.00	30.67 0.21 0.00	29.69 0.21 0.00	30.26 0.24 0.00	34.13 0.20 0.00	45.05 0.27 0.00	49.49 0.10 0.00	45.63 0.00 0.00	38.90 0.08 0.23	38.68 -0.27 0.29	38.67 -0.24 0.30	42.14 -0.26 0.50	45.74 -1.00 0.70	50.52 -0.94 0.64	53.44 -0.87 3.79	60.41 -0.92 9.15	62.70 -0.91 18.97	49.47 -1.04 18.76	48.46 -1.12 16.58	50.91 -0.91 5.16	45.06 -0.86 1.73	41.62 -0.98 0.00	37.94 -0.85 0.00
BOC_GAS_DRP 24189	34.20 0.00 0.00	30.58 0.03 0.00	30.52 0.06 0.00	29.54 0.06 0.00	30.08 0.06 0.00	33.93 0.00 0.00	44.88 0.09 0.00	49.39 0.00 0.00	45.67 0.05 0.00	38.94 0.16 0.27	38.90 0.00 0.34	38.89 0.04 0.36	42.39 0.09 0.59	46.71 0.09 0.83	51.55 0.21 0.75	54.60 0.29 3.80	61.90 0.42 9.00	64.93 0.58 18.22	52.43 0.14 16.98	51.12 0.00 15.04	57.04 0.06 0.00	47.55 -0.10 0.00	42.35 -0.26 0.00	38.64 -0.16 0.00
BOONVILLE_115KV_TB1 79983	37.98 0.89 -2.89	34.03 0.82 -2.66	33.72 0.82 -2.44	33.07 0.80 -2.80	35.08 0.81 -4.25	40.09 1.05 -5.11	52.86 1.70 -6.37	57.37 1.93 -6.05	54.72 1.73 -7.36	49.18 1.33 -8.80	48.35 1.26 -7.86	48.20 1.22 -7.78	50.67 1.20 -6.58	54.77 1.33 -6.00	59.51 1.41 -6.01	62.31 1.80 -2.40	76.39 2.11 -3.80	87.95 2.81 -2.57	77.00 2.63 -5.10	74.90 2.65 -6.09	65.55 2.22 -6.35	56.75 1.62 -7.49	49.32 1.41 -5.31	47.40 1.16 -7.44
BORALEX_4TH_BRANCH 23824	34.92 0.72 0.00	31.19 0.64 0.00	31.13 0.67 0.00	30.13 0.65 0.00	30.68 0.66 0.00	34.68 0.75 0.00	45.99 1.21 0.00	50.48 1.09 0.00	46.54 0.91 0.00	38.54 0.82 1.33	38.40 0.82 1.66	38.31 0.86 1.75	40.95 0.94 2.89	44.56 1.19 4.07	49.91 1.51 3.70	64.78 1.74 -4.93	91.43 2.18 -18.77	142.65 2.72 -57.35	125.39 2.15 -53.97	117.39 1.85 -49.37	58.63 1.65 0.00	48.89 1.24 0.00	43.20 0.60 0.00	39.45 0.66 0.00
BOWLINE___1 23526	34.99 0.79 0.00	31.22 0.67 0.00	31.03 0.58 0.00	30.04 0.56 0.00	30.59 0.57 0.00	34.68 0.75 0.00	45.95 1.16 0.00	50.82 1.43 0.00	47.13 1.50 0.00	41.20 1.60 -0.54	41.60 1.69 -0.68	41.69 1.77 -0.72	46.17 2.10 -1.18	51.43 2.32 -1.66	56.32 2.71 -1.51	63.05 3.02 -1.92	77.18 3.87 -2.84	88.03 4.37 -1.08	73.75 3.60 -0.88	69.81 3.24 -0.40	59.49 2.50 0.00	49.31 1.67 0.00	43.93 1.32 0.00	39.96 1.16 0.00
BOWLINE___2 23595	34.95 0.75 0.00	31.22 0.67 0.00	31.00 0.55 0.00	30.04 0.56 0.00	30.59 0.57 0.00	34.68 0.75 0.00	45.95 1.16 0.00	50.82 1.43 0.00	47.13 1.50 0.00	41.20 1.60 -0.54	41.60 1.69 -0.68	41.69 1.77 -0.72	46.17 2.10 -1.18	51.43 2.32 -1.66	56.32 2.71 -1.51	63.05 3.02 -1.92	77.18 3.87 -2.84	88.03 4.37 -1.08	73.75 3.60 -0.88	69.81 3.24 -0.40	59.43 2.45 0.00	49.31 1.67 0.00	43.88 1.28 0.00	39.92 1.13 0.00
BRADY___115KV_TB2 356060	56.68 0.96 -21.53	52.11 0.86 -20.71	51.60 0.85 -20.29	53.82 0.85 -23.49	67.60 0.87 -36.71	76.46 1.05 -41.48	107.15 1.48 -60.89	108.07 1.58 -57.10	111.31 1.10 -64.59	121.23 0.55 -81.63	111.42 0.51 -71.67	110.53 0.47 -70.86	91.56 0.47 -48.20	88.37 0.38 -40.54	91.19 0.42 -38.67	58.46 0.35 0.00	81.21 0.63 -10.11	83.48 0.91 0.00	92.66 0.97 -22.42	100.80 0.99 -33.65	98.51 1.37 -40.16	104.43 1.33 -55.44	91.86 1.36 -47.90	110.84 1.28 -70.76
BRANSCOMB___SOLAR 323811	35.12 0.92 0.00	31.37 0.83 0.00	31.25 0.79 0.00	30.28 0.80 0.00	30.86 0.84 0.00	34.85 0.92 0.00	46.13 1.34 0.00	50.77 1.38 0.00	46.68 1.05 0.00	39.14 0.74 0.65	39.01 0.59 0.81	39.01 0.67 0.86	46.57 0.73 -2.95	54.23 1.04 -5.75	56.78 1.25 -3.43	64.34 1.69 -4.54	87.61 2.32 -14.82	126.89 3.06 -41.26	110.87 2.84 -38.76	103.86 2.45 -35.24	58.80 1.82 0.00	48.98 1.33 0.00	43.59 0.98 0.00	39.65 0.85 0.00
BRDGHMPT_69_KV_BK1 55812	35.12 0.92 0.00	31.25 0.70 0.00	30.85 0.40 0.00	29.63 0.15 0.00	30.23 0.21 0.00	34.09 0.17 0.01	41.40 0.18 3.57	42.20 0.44 7.63	41.53 0.50 4.60	40.60 0.98 -0.57	41.25 1.29 -0.71	41.25 1.29 -0.75	45.68 1.54 -1.25	50.77 1.57 -1.76	56.10 2.40 -1.60	62.64 2.50 -2.04	77.08 3.59 -3.01	82.98 4.13 3.72	73.66 3.46 -0.93	69.43 2.85 -0.42	59.03 2.05 0.01	48.88 1.24 0.01	42.90 0.30 0.01	39.52 0.74 0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	35.16 0.96 0.00	31.34 0.79 0.00	31.00 0.55 0.00	29.83 0.35 0.00	30.44 0.42 0.00	34.36 0.44 0.01	41.91 0.63 3.50	42.78 0.89 7.49	42.16 1.05 4.52	41.07 1.45 -0.57	41.60 1.65 -0.71	41.68 1.72 -0.75	46.11 1.97 -1.25	51.38 2.18 -1.76	56.62 2.92 -1.60	63.11 2.96 -2.04	77.01 3.52 -3.01	82.99 4.05 3.63	73.52 3.32 -0.93	69.37 2.78 -0.42	59.71 2.74 0.01	49.50 1.86 0.01	43.62 1.02 0.01	39.95 1.16 0.01
BRISTLHL_115KV_TB1 79998	36.16 0.21 -1.76	32.11 0.18 -1.38	31.54 0.15 -0.94	30.63 0.15 -1.00	31.43 0.15 -1.26	36.30 0.17 -2.20	46.98 0.22 -1.97	51.87 0.40 -2.09	49.80 0.50 -3.67	42.95 0.55 -3.35	43.15 0.63 -3.29	43.06 0.59 -3.26	48.99 0.60 -5.49	53.92 0.66 -5.82	58.93 0.57 -6.26	64.78 0.58 -6.09	75.16 0.56 -4.12	85.74 0.74 -2.42	77.97 0.97 -7.73	74.87 1.06 -7.64	61.75 0.51 -4.25	54.14 0.38 -6.11	45.32 0.38 -2.34	41.38 0.16 -2.43
BROOKHAVEN___DRP 24191	34.68 0.48 0.00	30.88 0.34 0.00	30.52 0.06 0.00	29.36 -0.12 0.00	29.96 -0.06 0.00	33.82 -0.10 0.01	41.12 -0.09 3.57	41.90 0.15 7.64	41.30 0.27 4.60	40.41 0.78 -0.57	40.93 0.98 -0.71	40.94 0.98 -0.75	45.34 1.20 -1.25	50.39 1.19 -1.76	55.63 1.93 -1.60	62.12 1.98 -2.04	76.37 2.89 -3.01	82.23 3.39 3.73	73.03 2.84 -0.93	68.84 2.25 -0.42	58.74 1.77 0.01	48.69 1.05 0.01	42.85 0.26 0.01	39.33 0.54 0.01
BROOKLYN_NAVY_YARD 23515	35.29 1.09 0.00	31.49 0.95 0.00	31.28 0.82 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.27 2.31 -0.72	42.48 2.51 -0.76	47.07 2.92 -1.25	52.39 3.18 -1.77	57.41 3.70 -1.61	64.34 4.19 -2.05	78.85 5.35 -3.02	89.83 6.11 -1.15	75.05 4.85 -0.93	70.96 4.37 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.46 1.67 0.00
BROOKLYN___ARMY_DRP 323595	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
BROOME_2_LFGE 323671	35.61 0.31 -1.11	31.62 0.27 -0.80	31.14 0.27 -0.41	30.15 0.26 -0.41	30.60 0.21 -0.37	35.29 0.27 -1.10	45.77 0.32 -0.67	50.55 0.35 -0.81	48.24 0.55 -2.06	41.16 0.62 -1.48	41.55 0.71 -1.61	41.35 0.55 -1.60	47.45 0.60 -3.96	52.62 0.81 -4.38	57.63 0.73 -4.80	64.03 0.58 -5.34	76.45 0.50 -5.48	87.47 0.41 -4.48	76.61 0.97 -6.38	73.33 1.06 -6.10	61.73 0.29 -4.47	52.26 0.24 -4.37	44.27 0.47 -1.19	39.97 0.31 -0.87
BROOME___LFGE 323600	35.61 0.31 -1.11	31.62 0.27 -0.80	31.14 0.27 -0.41	30.15 0.26 -0.41	30.60 0.21 -0.37	35.29 0.27 -1.10	45.77 0.32 -0.67	50.55 0.35 -0.81	48.24 0.55 -2.06	41.16 0.62 -1.48	41.55 0.71 -1.61	41.35 0.55 -1.60	47.45 0.60 -3.96	52.62 0.81 -4.38	57.63 0.73 -4.80	64.03 0.58 -5.34	76.45 0.50 -5.48	87.47 0.41 -4.48	76.61 0.97 -6.38	73.33 1.06 -6.10	61.73 0.29 -4.47	52.26 0.24 -4.37	44.27 0.47 -1.19	39.97 0.31 -0.87
BROWNFLS_115KV_TB 3_5 80003	47.07 1.06 -11.81	42.72 0.95 -11.23	42.21 0.94 -10.81	42.90 0.94 -12.48	50.34 0.96 -19.36	57.38 1.22 -22.22	75.25 1.97 -28.49	78.37 2.17 -26.80	78.37 1.83 -30.91	78.75 1.21 -38.48	74.28 1.10 -33.95	73.83 1.06 -33.57	68.24 1.03 -24.32	69.44 1.00 -21.00	73.45 0.99 -20.36	62.04 1.16 -2.77	79.83 1.20 -8.16	87.11 1.57 -2.97	84.46 1.52 -13.66	86.53 1.65 -18.71	79.96 1.71 -21.27	77.25 1.72 -27.88	67.06 1.70 -22.75	73.45 1.51 -33.14
BROWNSV1_27_KV_LOAD 356125	35.57 1.37 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.51 1.03 0.00	31.07 1.05 0.00	35.19 1.26 0.00	46.71 1.93 0.00	51.76 2.37 0.00	48.14 2.51 0.00	42.13 2.50 -0.58	42.59 2.63 -0.72	42.75 2.78 -0.76	47.36 3.22 -1.25	52.86 3.65 -1.77	57.98 4.27 -1.61	64.98 4.82 -2.05	79.63 6.13 -3.02	90.66 6.94 -1.15	75.81 5.61 -0.93	71.63 5.03 -0.43	60.97 3.99 0.00	50.46 2.81 0.00	44.86 2.26 0.00	40.81 2.02 0.00
BURROWS___LYONSDAL 23803	38.91 0.99 -3.72	34.87 0.89 -3.44	34.52 0.88 -3.19	33.99 0.85 -3.65	36.46 0.87 -5.57	41.72 1.15 -6.64	54.93 1.84 -8.31	59.39 2.12 -7.88	56.99 1.87 -9.49	51.89 1.41 -11.43	50.72 1.29 -10.19	50.50 1.22 -10.08	52.45 1.24 -8.31	56.29 1.33 -7.52	61.00 1.41 -7.49	62.62 1.80 -2.71	77.11 2.11 -4.52	88.36 2.89 -2.90	78.13 2.70 -6.16	76.37 2.71 -7.49	67.16 2.28 -7.90	58.83 1.72 -9.47	51.01 1.53 -6.87	49.77 1.28 -9.70
CAITHNESS_CC_1 323624	34.68 0.48 0.00	30.88 0.34 0.00	30.52 0.06 0.00	29.36 -0.12 0.00	29.96 -0.06 0.00	33.85 -0.07 0.01	41.21 0.00 3.57	42.05 0.30 7.64	41.39 0.36 4.60	40.49 0.86 -0.57	41.09 1.14 -0.71	41.21 1.25 -0.75	45.51 1.37 -1.25	50.48 1.28 -1.76	55.57 1.87 -1.60	62.18 2.03 -2.04	76.37 2.89 -3.01	82.23 3.39 3.73	72.97 2.77 -0.93	68.90 2.31 -0.42	58.63 1.65 0.01	48.59 0.95 0.01	42.90 0.30 0.01	39.37 0.58 0.01
CALPINE BETH_PAGE_GT4 24209	34.78 0.58 0.00	31.03 0.49 0.00	30.73 0.27 0.00	29.63 0.15 0.00	30.20 0.18 0.00	34.09 0.17 0.01	42.12 0.13 2.80	43.80 0.40 5.99	42.61 0.59 3.61	40.57 0.94 -0.57	41.13 1.18 -0.72	41.25 1.29 -0.75	45.64 1.50 -1.25	50.96 1.76 -1.76	56.04 2.34 -1.60	62.76 2.61 -2.04	76.94 3.45 -3.01	83.78 3.88 2.67	73.38 3.19 -0.93	69.24 2.65 -0.42	59.08 2.11 0.01	48.93 1.29 0.01	43.19 0.60 0.01	39.41 0.62 0.01
CALPINE_BETH_PAGE_GT_4 323586	34.78 0.58 0.00	31.06 0.52 0.00	30.73 0.27 0.00	29.63 0.15 0.00	30.20 0.18 0.00	34.13 0.20 0.01	42.21 0.23 2.80	43.90 0.49 5.99	42.66 0.64 3.61	40.64 1.01 -0.57	41.21 1.26 -0.72	41.41 1.45 -0.75	45.86 1.72 -1.25	51.05 1.85 -1.76	56.05 2.35 -1.60	62.82 2.67 -2.04	77.01 3.52 -3.01	83.86 3.96 2.67	73.38 3.19 -0.93	69.30 2.71 -0.42	59.02 2.05 0.01	48.88 1.24 0.01	43.19 0.60 0.01	39.41 0.62 0.01
CALPINE_BP_GT1 23823	34.78 0.58 0.00	31.06 0.52 0.00	30.73 0.27 0.00	29.63 0.15 0.00	30.20 0.18 0.00	34.13 0.20 0.01	42.21 0.23 2.80	43.90 0.49 5.99	42.66 0.64 3.61	40.64 1.01 -0.57	41.21 1.26 -0.72	41.41 1.45 -0.75	45.86 1.72 -1.25	51.05 1.85 -1.76	56.05 2.35 -1.60	62.82 2.67 -2.04	77.01 3.52 -3.01	83.86 3.96 2.67	73.38 3.19 -0.93	69.30 2.71 -0.42	59.02 2.05 0.01	48.88 1.24 0.01	43.19 0.60 0.01	39.41 0.62 0.01
CALSPAN___DRP 24200	35.68 0.58 -0.90	31.65 0.46 -0.65	31.19 0.40 -0.34	30.34 0.53 -0.33	30.62 0.30 -0.30	35.03 0.20 -0.89	44.66 -0.67 -0.55	49.01 -1.04 -0.66	47.08 -0.23 -1.68	40.74 0.47 -1.21	41.49 0.94 -1.31	41.10 0.59 -1.31	46.55 0.43 -3.23	51.68 0.66 -3.57	56.17 0.16 -3.92	61.65 -0.81 -4.36	69.62 -1.97 -1.12	78.80 -3.55 0.22	73.85 -0.62 -5.20	71.55 0.40 -4.98	56.47 -1.77 -1.26	50.26 -0.95 -3.57	43.88 0.30 -0.98	39.70 0.19 -0.71

CALVERTON___SOLAR 323806	34.71 0.51 0.00	30.91 0.37 0.00	30.52 0.06 0.00	29.39 -0.09 0.00	29.99 -0.03 0.00	33.85 -0.07 0.01	41.21 0.00 3.57	42.05 0.30 7.64	41.39 0.36 4.60	40.45 0.82 -0.57	41.09 1.14 -0.71	41.21 1.25 -0.75	45.51 1.37 -1.25	50.48 1.28 -1.76	55.63 1.93 -1.60	62.23 2.09 -2.04	76.58 3.10 -3.01	82.48 3.63 3.72	73.10 2.91 -0.93	69.04 2.45 -0.42	58.68 1.71 0.01	48.69 1.05 0.01	42.90 0.30 0.01	39.37 0.58 0.01
CANDIGU_WT_PWR 323617	35.49 0.21 -1.08	31.51 0.18 -0.78	31.07 0.21 -0.40	30.08 0.21 -0.40	30.47 0.09 -0.36	35.13 0.14 -1.07	45.31 -0.13 -0.66	49.98 -0.20 -0.79	47.96 0.32 -2.01	41.01 0.51 -1.45	41.59 0.78 -1.57	41.08 0.31 -1.56	47.14 0.39 -3.86	52.42 0.71 -4.27	57.25 0.47 -4.68	63.15 -0.17 -5.21	73.47 -0.77 -3.77	83.61 -1.48 -2.52	76.11 0.62 -6.22	73.24 1.12 -5.95	59.74 -0.46 -3.22	51.87 -0.05 -4.27	44.37 0.60 -1.17	40.07 0.43 -0.85
CARR STREET_E_SYR 24060	36.02 -0.14 -1.96	31.95 -0.12 -1.52	31.33 -0.12 -1.00	30.39 -0.15 -1.06	31.17 -0.15 -1.30	36.07 -0.24 -2.38	46.38 -0.45 -2.04	51.25 -0.34 -2.20	49.48 -0.18 -4.03	42.60 -0.04 -3.58	42.79 0.00 -3.55	42.65 -0.08 -3.53	49.11 -0.04 -6.25	54.07 -0.05 -6.67	59.10 -0.21 -7.20	65.00 -0.29 -7.18	76.63 -0.57 -6.72	87.02 -0.74 -5.19	78.00 -0.28 -9.01	74.83 -0.20 -8.86	62.61 -0.51 -6.14	54.13 -0.48 -6.96	44.80 -0.34 -2.54	40.91 -0.43 -2.54
CARTHAGE___PAPER 23857	41.82 1.37 -6.26	37.52 1.22 -5.75	36.93 1.22 -5.26	36.70 1.21 -6.02	40.36 1.20 -9.13	46.53 1.60 -11.00	60.89 2.55 -13.55	65.15 2.86 -12.90	63.84 2.46 -15.75	59.50 1.68 -18.76	57.47 1.45 -16.78	57.18 1.37 -16.60	58.46 1.37 -14.20	61.87 1.42 -13.00	66.65 1.51 -13.04	65.49 1.98 -5.41	81.46 2.32 -8.67	94.00 3.31 -8.12	83.85 3.39 -11.19	82.90 3.44 -13.29	73.78 3.02 -13.78	66.22 2.43 -16.15	56.07 2.13 -11.34	56.42 1.79 -15.84
CASSADAGA_WT_PWR 323784	36.03 0.92 -0.91	31.99 0.79 -0.66	31.65 0.85 -0.34	30.88 1.06 -0.34	31.22 0.90 -0.31	35.89 1.05 -0.90	46.19 0.85 -0.55	50.90 0.84 -0.67	48.79 1.46 -1.70	41.88 1.60 -1.22	42.72 2.16 -1.32	41.93 1.41 -1.32	47.78 1.63 -3.26	53.33 2.28 -3.61	57.98 1.93 -3.96	63.67 1.16 -4.40	72.30 0.50 -1.33	81.80 -0.74 0.03	76.74 2.22 -5.26	73.91 2.71 -5.03	58.66 0.29 -1.39	51.92 0.67 -3.60	45.25 1.66 -0.98	40.83 1.32 -0.72
CE_DUNWOOD___DRP 24194	35.12 0.92 0.00	31.34 0.79 0.00	31.19 0.73 0.00	30.16 0.68 0.00	30.71 0.69 0.00	34.81 0.88 0.00	46.13 1.34 0.00	51.02 1.63 0.00	47.36 1.73 0.00	41.43 1.80 -0.58	41.88 1.92 -0.72	41.96 2.00 -0.76	46.46 2.32 -1.25	51.86 2.66 -1.76	56.83 3.13 -1.61	63.75 3.60 -2.04	78.07 4.58 -3.01	88.84 5.12 -1.15	74.36 4.16 -0.93	70.30 3.71 -0.43	59.89 2.91 0.00	49.70 2.05 0.00	44.14 1.53 0.00	40.19 1.40 0.00
CE_MILLWOOD___DRP 24193	35.05 0.85 0.00	31.31 0.76 0.00	31.13 0.67 0.00	30.13 0.65 0.00	30.68 0.66 0.00	34.74 0.81 0.00	46.04 1.25 0.00	50.92 1.53 0.00	47.23 1.60 0.00	41.31 1.68 -0.57	41.72 1.77 -0.72	41.80 1.84 -0.76	46.33 2.19 -1.24	51.71 2.51 -1.75	56.66 2.97 -1.60	63.45 3.31 -2.03	77.77 4.30 -2.99	88.59 4.87 -1.14	74.07 3.88 -0.93	70.10 3.51 -0.43	59.72 2.74 0.00	49.55 1.91 0.00	44.01 1.41 0.00	40.08 1.28 0.00
CE_NYC2_DRP 24202	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.27 2.32 -0.72	42.48 2.51 -0.77	47.07 2.92 -1.26	52.54 3.32 -1.77	57.61 3.91 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	89.83 6.11 -1.15	74.98 4.78 -0.93	70.77 4.17 -0.43	60.23 3.25 0.00	49.89 2.24 0.00	44.48 1.87 0.00	40.54 1.75 0.00
CE_NYC_DRP 24195	35.36 1.16 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.40 1.61 0.00	51.41 2.02 0.00	47.77 2.14 0.00	41.86 2.23 -0.58	42.27 2.32 -0.72	42.43 2.47 -0.76	47.02 2.87 -1.25	52.48 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	78.99 5.50 -3.02	89.92 6.19 -1.15	75.12 4.92 -0.93	71.03 4.43 -0.43	60.51 3.53 0.00	50.08 2.43 0.00	44.52 1.92 0.00	40.54 1.75 0.00
CHAFFEE___LFGE 323603	35.65 0.55 -0.91	31.66 0.46 -0.66	31.31 0.52 -0.34	30.37 0.56 -0.34	30.66 0.33 -0.30	35.07 0.24 -0.90	44.85 -0.49 -0.55	49.37 -0.69 -0.67	47.46 0.14 -1.70	40.86 0.59 -1.22	41.54 0.98 -1.32	40.91 0.39 -1.32	46.58 0.43 -3.25	51.85 0.81 -3.60	56.46 0.41 -3.95	61.92 -0.58 -4.39	70.07 -1.69 -1.28	79.26 -3.22 0.09	74.24 -0.28 -5.24	71.59 0.40 -5.02	56.85 -1.48 -1.35	50.58 -0.67 -3.60	43.97 0.38 -0.98	39.82 0.31 -0.71
CHATEAUG_35_KV_LOAD 355732	37.71 1.06 -2.45	33.82 0.92 -2.36	33.68 0.91 -2.31	33.10 0.94 -2.68	35.22 1.02 -4.18	39.84 1.19 -4.73	52.10 1.16 -6.15	56.24 1.09 -5.76	52.97 0.82 -6.52	47.99 0.70 -8.23	47.17 0.71 -7.23	47.06 0.71 -7.15	48.23 0.47 -4.86	51.39 0.47 -4.09	55.58 -0.42 -3.90	57.70 -0.41 0.00	71.21 -0.28 -1.02	82.33 -0.25 0.00	71.32 -0.21 -2.26	69.36 -0.20 -3.39	61.32 0.28 -4.05	53.86 0.62 -5.59	48.63 1.19 -4.83	47.52 1.59 -7.14
CHATEAUG_WT_PWR 323614	36.18 1.02 -0.96	32.35 0.89 -0.92	32.24 0.88 -0.90	31.47 0.94 -1.04	32.67 1.02 -1.63	36.96 1.19 -1.84	47.64 0.45 -2.40	51.54 -0.10 -2.25	47.95 -0.23 -2.55	42.51 0.24 -3.22	42.30 0.24 -2.83	42.23 0.24 -2.79	44.71 -0.09 -1.90	48.47 -0.57 -1.60	53.05 -0.57 -1.52	57.47 -0.64 0.00	70.24 -0.64 -0.40	82.35 -0.66 -0.43	69.60 -0.56 -0.88	67.03 -0.46 -1.33	58.51 -0.06 -1.58	50.21 0.38 -2.19	45.60 1.11 -1.89	43.14 1.55 -2.79
CHAT_HIGH_FALL_HYD 323578	37.71 1.06 -2.45	33.82 0.92 -2.36	33.68 0.91 -2.31	33.10 0.94 -2.68	35.22 1.02 -4.18	39.84 1.19 -4.73	52.10 1.16 -6.15	56.24 1.09 -5.76	52.97 0.82 -6.52	47.99 0.70 -8.23	47.17 0.71 -7.23	47.06 0.71 -7.15	48.23 0.47 -4.86	51.39 0.47 -4.09	55.58 -0.42 -3.90	57.70 -0.41 0.00	71.21 -0.28 -1.02	82.33 -0.25 0.00	71.32 -0.21 -2.26	69.36 -0.20 -3.39	61.32 0.28 -4.05	53.86 0.62 -5.59	48.63 1.19 -4.83	47.52 1.59 -7.14
CHAUTAUQUA___LFGE 323629	35.82 0.72 -0.91	31.81 0.61 -0.65	31.46 0.67 -0.34	30.58 0.77 -0.33	30.89 0.57 -0.30	35.40 0.58 -0.90	45.38 0.04 -0.55	50.00 -0.05 -0.66	48.00 0.69 -1.69	41.25 0.98 -1.21	41.96 1.41 -1.31	41.30 0.78 -1.31	46.99 0.86 -3.24	52.40 1.38 -3.58	57.01 0.99 -3.93	62.54 0.06 -4.37	70.85 -0.84 -1.22	80.19 -2.23 0.16	75.25 0.76 -5.22	72.55 1.39 -4.99	57.49 -0.80 -1.30	51.13 -0.10 -3.58	44.56 0.98 -0.98	40.24 0.74 -0.71
CHERRYST_13_KV_LD 356241	35.46 1.27 0.00	31.61 1.07 0.00	31.46 1.01 0.00	30.42 0.94 0.00	30.98 0.96 0.00	35.08 1.15 0.00	46.53 1.75 0.00	51.56 2.17 0.00	47.96 2.33 0.00	42.02 2.38 -0.58	42.43 2.47 -0.72	42.59 2.63 -0.76	47.19 3.05 -1.25	52.72 3.51 -1.77	57.82 4.12 -1.61	64.74 4.59 -2.05	79.35 5.85 -3.02	90.33 6.61 -1.15	75.40 5.20 -0.93	71.29 4.70 -0.43	60.69 3.70 0.00	50.27 2.62 0.00	44.65 2.05 0.00	40.66 1.86 0.00

CHESTROR_138KV_BK263 355645	34.81 0.62 0.00	31.06 0.52 0.00	30.94 0.49 0.00	29.92 0.44 0.00	30.47 0.45 0.00	34.51 0.58 0.00	45.68 0.90 0.00	50.43 1.04 0.00	46.72 1.10 0.00	40.76 1.21 -0.49	41.07 1.22 -0.62	41.11 1.25 -0.65	45.46 1.50 -1.07	50.70 1.76 -1.51	55.60 2.14 -1.37	62.23 2.38 -1.74	76.15 3.10 -2.57	87.10 3.55 -0.98	72.83 2.77 -0.80	69.05 2.51 -0.37	58.92 1.94 0.00	48.98 1.33 0.00	43.63 1.02 0.00	39.69 0.89 0.00
CH_MIDHUDSON___DRP 24192	34.95 0.75 0.00	31.22 0.67 0.00	31.09 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.64 0.71 0.00	45.91 1.12 0.00	50.62 1.23 0.00	46.86 1.23 0.00	40.76 1.33 -0.37	41.04 1.33 -0.46	41.07 1.37 -0.49	45.37 1.67 -0.81	50.52 1.95 -1.14	55.48 2.34 -1.03	62.04 2.61 -1.32	75.87 3.45 -1.94	87.19 3.88 -0.74	72.85 2.98 -0.60	69.16 2.71 -0.28	59.20 2.22 0.00	49.17 1.52 0.00	43.71 1.11 0.00	39.80 1.01 0.00
CH_MISC_IPPS 23765	35.12 0.92 0.00	31.37 0.83 0.00	31.22 0.76 0.00	30.24 0.77 0.00	30.77 0.75 0.00	34.85 0.92 0.00	46.18 1.39 0.00	50.97 1.58 0.00	47.18 1.55 0.00	41.13 1.64 -0.43	41.39 1.61 -0.54	41.46 1.68 -0.57	45.85 2.02 -0.94	51.04 2.28 -1.32	55.95 2.66 -1.20	62.54 2.90 -1.53	76.60 3.87 -2.25	87.89 4.46 -0.86	73.43 3.46 -0.70	69.73 3.24 -0.32	59.60 2.62 0.00	49.41 1.76 0.00	44.01 1.40 0.00	40.04 1.24 0.00
CH_RES_BVR_FALLS 23983	33.39 -0.24 0.57	29.79 -0.21 0.55	29.71 -0.21 0.54	28.65 -0.20 0.62	28.87 -0.18 0.97	32.67 -0.17 1.10	43.16 -0.22 1.41	47.87 -0.20 1.32	43.90 -0.23 1.50	36.97 -0.19 1.89	37.38 -0.20 1.66	37.40 -0.16 1.64	41.56 -0.21 1.12	46.27 -0.24 0.94	50.99 -0.21 0.90	57.88 -0.23 0.00	70.03 -0.21 0.23	82.07 -0.25 0.26	68.47 -0.28 0.52	65.12 -0.26 0.78	55.99 -0.06 0.93	46.36 0.00 1.29	41.54 0.04 1.11	37.23 0.08 1.64
CH_RES_NIAGARA 23895	35.28 0.21 -0.88	31.30 0.12 -0.63	30.81 0.03 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.49 -0.31 -0.87	43.12 -2.19 -0.53	47.37 -2.67 -0.64	45.62 -1.64 -1.63	39.57 -0.66 -1.17	40.24 -0.27 -1.27	39.96 -0.51 -1.27	45.21 -0.81 -3.13	50.05 -0.85 -3.47	54.29 -1.62 -3.80	59.49 -2.85 -4.23	66.53 -4.65 -0.71	75.22 -6.69 0.66	70.86 -3.46 -5.05	68.88 -2.12 -4.83	54.05 -3.87 -0.94	48.59 -2.53 -3.46	42.53 -1.02 -0.95	39.02 -0.47 -0.69
CH_RES_SYRACUSE 23985	36.80 0.03 -2.57	32.52 0.03 -1.95	31.67 0.03 -1.18	30.71 0.00 -1.23	31.43 0.00 -1.41	36.84 0.00 -2.91	47.01 -0.04 -2.27	52.07 0.15 -2.53	51.01 0.28 -5.11	43.62 0.31 -4.25	43.96 0.39 -4.33	43.82 0.31 -4.31	51.79 0.34 -8.55	56.83 0.14 -9.25	62.10 -0.05 -10.05	68.47 -0.12 -10.48	83.12 -0.35 -13.00	93.56 -0.41 -11.39	82.14 0.00 -12.87	78.76 0.07 -12.52	67.61 -0.28 -10.92	56.95 -0.19 -9.49	45.82 0.09 -3.13	41.63 -0.04 -2.87
CLINTON_WT_PWR 323605	36.18 1.02 -0.96	32.35 0.89 -0.92	32.24 0.88 -0.90	31.47 0.94 -1.04	32.67 1.02 -1.63	36.96 1.19 -1.84	47.64 0.45 -2.40	51.54 -0.10 -2.25	47.95 -0.23 -2.55	42.51 0.24 -3.22	42.30 0.24 -2.83	42.23 0.24 -2.79	44.71 -0.09 -1.90	48.47 -0.57 -1.60	53.05 -0.57 -1.52	57.47 -0.64 0.00	70.24 -0.64 -0.40	82.35 -0.66 -0.43	69.60 -0.56 -0.88	67.03 -0.46 -1.33	58.51 -0.06 -1.58	50.21 0.38 -2.19	45.60 1.11 -1.89	43.14 1.55 -2.79
CLINTON___LFGE 323618	37.49 1.81 -1.48	33.53 1.56 -1.42	33.37 1.52 -1.39	32.66 1.56 -1.61	34.22 1.68 -2.52	38.75 1.97 -2.85	49.30 0.81 -3.71	52.87 0.00 -3.48	49.38 -0.18 -3.93	44.65 0.62 -4.97	44.19 0.59 -4.36	44.14 0.63 -4.31	45.96 0.13 -2.93	49.29 -0.62 -2.47	53.88 -0.57 -2.35	57.53 -0.58 0.00	70.60 -0.49 -0.62	82.92 -0.33 -0.67	70.43 -0.21 -1.36	68.02 -0.20 -2.05	59.66 0.23 -2.44	51.74 0.72 -3.38	47.35 1.83 -2.92	45.62 2.52 -4.31
COBBLENY_34_KV_TB1 80064	35.76 0.65 -0.91	31.69 0.49 -0.66	31.22 0.43 -0.34	30.37 0.56 -0.34	30.65 0.33 -0.30	35.10 0.27 -0.90	44.80 -0.54 -0.55	49.22 -0.84 -0.67	47.23 -0.09 -1.70	40.86 0.59 -1.22	41.62 1.06 -1.32	41.22 0.71 -1.32	46.71 0.56 -3.25	51.85 0.81 -3.60	56.36 0.31 -3.95	61.92 -0.58 -4.39	70.03 -1.69 -1.25	79.27 -3.22 0.08	74.24 -0.28 -5.24	71.85 0.66 -5.02	56.80 -1.54 -1.35	50.43 -0.81 -3.60	43.97 0.38 -0.98	39.74 0.23 -0.71
COFFEEN___115KV_TB3 355620	41.54 1.71 -5.63	37.19 1.56 -5.09	36.55 1.55 -4.54	36.15 1.50 -5.17	39.28 1.50 -7.76	45.52 2.00 -9.59	59.47 3.13 -11.55	64.00 3.56 -11.06	62.58 3.06 -13.90	57.44 2.19 -16.20	55.79 1.96 -14.59	55.49 1.84 -14.44	58.03 1.84 -13.30	61.84 1.95 -12.45	66.72 1.98 -12.64	67.25 2.67 -6.47	83.30 3.17 -9.66	94.04 4.54 -6.92	85.52 4.57 -11.68	84.13 4.63 -13.33	74.39 3.99 -13.42	65.68 2.95 -15.08	55.14 2.64 -9.90	54.51 2.17 -13.54
COLDSPRG_115KV_BK1 355956	36.28 1.16 -0.92	32.19 0.98 -0.66	31.68 0.88 -0.34	30.94 1.12 -0.34	31.29 0.96 -0.31	35.99 1.15 -0.91	46.51 1.16 -0.56	50.95 0.89 -0.67	48.76 1.41 -1.72	42.05 1.76 -1.23	42.93 2.35 -1.34	42.38 1.84 -1.33	48.07 1.89 -3.29	53.50 2.42 -3.64	58.12 2.03 -3.99	63.89 1.34 -4.45	72.78 0.85 -1.46	82.38 -0.33 -0.14	77.21 2.63 -5.31	74.42 3.18 -5.08	59.00 0.51 -1.51	51.90 0.62 -3.64	45.30 1.70 -0.99	40.84 1.32 -0.72
COLONIE_LFGE___ 323577	34.71 0.51 0.00	31.00 0.46 0.00	30.91 0.46 0.00	29.92 0.44 0.00	30.50 0.48 0.00	34.44 0.51 0.00	45.63 0.85 0.00	50.28 0.89 0.00	46.40 0.77 0.00	38.95 0.66 0.76	38.87 0.59 0.95	38.86 0.67 1.01	49.94 0.73 -6.32	60.15 0.90 -11.81	60.65 1.10 -7.46	69.31 1.39 -9.81	101.64 1.83 -29.34	161.16 2.31 -76.28	142.68 1.87 -71.54	132.57 1.65 -64.74	58.12 1.14 0.00	48.46 0.81 0.00	43.03 0.43 0.00	39.26 0.47 0.00
COOPERNY_115KV_TB1 80082	34.61 0.41 0.00	30.91 0.37 0.00	30.79 0.34 0.00	29.80 0.32 0.00	30.32 0.30 0.00	34.34 0.41 0.00	45.46 0.67 0.00	50.18 0.79 0.00	46.50 0.87 0.00	40.29 0.90 -0.34	40.60 0.94 -0.42	40.59 0.94 -0.45	44.75 1.12 -0.74	49.81 1.33 -1.04	54.61 1.56 -0.95	61.11 1.80 -1.20	74.50 2.26 -1.78	85.81 2.56 -0.68	71.90 2.08 -0.55	68.27 1.85 -0.25	58.41 1.42 0.00	48.60 0.95 0.00	43.33 0.72 0.00	39.42 0.62 0.00
COPENHAGEN_WT_PWR 323753	41.03 1.37 -5.46	36.71 1.25 -4.91	36.05 1.25 -4.35	35.66 1.24 -4.95	38.64 1.23 -7.39	44.76 1.63 -9.21	58.35 2.55 -11.01	62.87 2.91 -10.57	61.59 2.55 -13.40	56.37 1.80 -15.52	54.86 1.61 -14.01	54.56 1.49 -13.87	57.41 1.46 -13.06	61.31 1.56 -12.31	66.25 1.62 -12.53	67.01 2.15 -6.75	82.82 2.47 -9.88	95.19 3.55 -9.07	84.68 3.60 -11.81	83.21 3.70 -13.34	73.44 3.13 -13.32	64.87 2.43 -14.79	54.25 2.13 -9.52	53.43 1.71 -12.92
CORNELL_____ 23752	36.32 0.68 -1.44	32.22 0.64 -1.03	31.57 0.58 -0.53	30.57 0.56 -0.53	31.07 0.57 -0.48	36.06 0.71 -1.42	46.65 0.99 -0.88	51.53 1.09 -1.05	49.40 1.10 -2.68	42.00 1.02 -1.92	42.38 1.06 -2.09	42.22 0.94 -2.08	49.01 0.99 -5.13	54.26 1.14 -5.68	59.42 1.09 -6.23	66.26 1.22 -6.93	80.31 1.34 -8.50	91.65 1.65 -7.42	79.62 2.08 -8.28	76.27 2.18 -7.92	65.02 1.25 -6.79	54.32 1.00 -5.67	45.18 1.02 -1.55	40.66 0.74 -1.13

CORONA__69_KV_TB1 355595	35.05 0.85 0.00	31.31 0.76 0.00	31.00 0.55 0.00	29.89 0.41 0.00	30.47 0.45 0.00	34.40 0.48 0.01	45.16 0.76 0.39	49.66 1.09 0.82	46.32 1.19 0.49	41.03 1.41 -0.57	41.64 1.69 -0.72	41.76 1.80 -0.76	46.29 2.14 -1.25	51.72 2.51 -1.76	56.77 3.07 -1.60	63.58 3.43 -2.04	77.99 4.51 -3.01	88.32 5.12 -0.62	74.35 4.16 -0.93	70.30 3.71 -0.42	59.82 2.85 0.01	49.55 1.91 0.01	43.79 1.19 0.01	39.84 1.05 0.01
CORTLAND__115KV_TB3 80093	36.43 0.41 -1.82	32.31 0.37 -1.40	31.69 0.34 -0.90	30.75 0.32 -0.95	31.49 0.33 -1.14	36.50 0.41 -2.16	46.16 0.45 -0.93	53.55 1.58 -2.58	51.57 1.55 -4.39	44.49 1.33 -4.10	44.53 1.29 -4.00	44.42 1.25 -3.97	50.62 1.33 -6.39	55.59 1.42 -6.73	60.78 1.46 -7.22	66.68 1.69 -6.88	79.12 1.97 -6.67	90.75 2.56 -5.61	80.58 2.49 -8.82	77.38 2.45 -8.77	65.48 1.77 -6.74	56.10 1.33 -7.12	46.62 1.19 -2.83	42.71 0.89 -3.02
COXSACKIE__GT 23611	35.50 1.30 0.00	31.71 1.16 0.00	31.67 1.22 0.00	30.69 1.21 0.00	31.25 1.23 0.00	35.29 1.36 0.00	46.71 1.92 0.00	51.07 1.68 0.00	46.63 1.00 0.00	40.34 1.29 0.00	39.67 0.43 0.00	39.52 0.31 0.00	41.43 0.17 1.63	45.02 0.47 2.89	50.97 0.83 1.96	56.59 1.05 2.56	65.77 2.19 6.89	69.77 3.14 15.94	55.04 2.15 16.38	53.92 2.31 14.56	52.10 2.16 7.04	46.66 1.38 2.37	43.33 0.72 0.00	39.30 0.50 0.00
CPV_VALLEY__CC1 323721	34.61 0.41 0.00	30.88 0.34 0.00	30.73 0.27 0.00	29.74 0.26 0.00	30.29 0.27 0.00	34.30 0.37 0.00	45.46 0.67 0.00	50.23 0.84 0.00	46.54 0.91 0.00	40.51 1.01 -0.44	40.85 1.06 -0.55	40.92 1.14 -0.58	45.22 1.37 -0.95	50.30 1.52 -1.34	55.09 1.77 -1.22	61.64 1.98 -1.56	75.38 2.61 -2.29	86.42 2.97 -0.87	72.26 2.28 -0.71	68.55 2.05 -0.33	58.52 1.54 0.00	48.65 1.00 0.00	43.33 0.72 0.00	39.45 0.66 0.00
CPV_VALLEY__CC2 323722	34.61 0.41 0.00	30.88 0.34 0.00	30.73 0.27 0.00	29.74 0.26 0.00	30.29 0.27 0.00	34.30 0.37 0.00	45.46 0.67 0.00	50.23 0.84 0.00	46.54 0.91 0.00	40.51 1.01 -0.44	40.85 1.06 -0.55	40.92 1.14 -0.58	45.22 1.37 -0.95	50.30 1.52 -1.34	55.09 1.77 -1.22	61.64 1.98 -1.56	75.38 2.61 -2.29	86.42 2.97 -0.87	72.26 2.28 -0.71	68.55 2.05 -0.33	58.52 1.54 0.00	48.65 1.00 0.00	43.33 0.72 0.00	39.45 0.66 0.00
CRESCENT__HYD 24018	34.71 0.51 0.00	31.00 0.46 0.00	30.91 0.46 0.00	29.92 0.44 0.00	30.50 0.48 0.00	34.44 0.51 0.00	45.63 0.85 0.00	50.28 0.89 0.00	46.40 0.77 0.00	38.95 0.66 0.76	38.87 0.59 0.95	38.86 0.67 1.01	49.94 0.73 -6.32	60.15 0.90 -11.81	60.65 1.10 -7.46	69.31 1.39 -9.81	101.64 1.83 -29.34	161.16 2.31 -76.28	142.68 1.87 -71.54	132.57 1.65 -64.74	58.12 1.14 0.00	48.46 0.81 0.00	43.03 0.43 0.00	39.26 0.47 0.00
CRICKET__VALLEY_CC1 323756	34.54 0.34 0.00	30.85 0.31 0.00	30.70 0.24 0.00	29.74 0.26 0.00	30.29 0.27 0.00	34.27 0.34 0.00	45.46 0.67 0.00	50.08 0.69 0.00	46.31 0.69 0.00	30.00 0.82 9.88	27.78 0.86 12.32	27.19 0.98 12.99	22.66 1.16 21.39	18.57 1.28 30.15	26.22 1.56 27.44	25.00 1.80 34.91	21.51 2.40 51.36	65.66 2.64 19.56	55.39 2.01 15.89	60.55 1.72 7.33	58.41 1.43 0.00	48.55 0.90 0.00	43.07 0.47 0.00	39.26 0.47 0.00
CRICKET__VALLEY_CC2 323757	34.54 0.34 0.00	30.85 0.31 0.00	30.70 0.24 0.00	29.74 0.26 0.00	30.29 0.27 0.00	34.27 0.34 0.00	45.46 0.67 0.00	50.08 0.69 0.00	46.31 0.69 0.00	30.00 0.82 9.88	27.78 0.86 12.32	27.19 0.98 12.99	22.66 1.16 21.39	18.57 1.28 30.15	26.22 1.56 27.44	25.00 1.80 34.91	21.51 2.40 51.36	65.66 2.64 19.56	55.39 2.01 15.89	60.55 1.72 7.33	58.41 1.43 0.00	48.55 0.90 0.00	43.07 0.47 0.00	39.26 0.47 0.00
CRICKET__VALLEY_CC3 323758	34.54 0.34 0.00	30.85 0.31 0.00	30.70 0.24 0.00	29.74 0.26 0.00	30.29 0.27 0.00	34.27 0.34 0.00	45.46 0.67 0.00	50.08 0.69 0.00	46.31 0.69 0.00	30.00 0.82 9.88	27.78 0.86 12.32	27.19 0.98 12.99	22.66 1.16 21.39	18.57 1.28 30.15	26.22 1.56 27.44	25.00 1.80 34.91	21.51 2.40 51.36	65.66 2.64 19.56	55.39 2.01 15.89	60.55 1.72 7.33	58.41 1.43 0.00	48.55 0.90 0.00	43.07 0.47 0.00	39.26 0.47 0.00
CRUCIBLE__METL_DRP 24180	36.80 0.03 -2.57	32.52 0.03 -1.95	31.64 0.00 -1.18	30.71 0.00 -1.23	31.43 0.00 -1.41	36.84 0.00 -2.91	47.01 -0.04 -2.27	52.02 0.10 -2.53	50.92 0.18 -5.11	43.62 0.31 -4.25	43.96 0.39 -4.33	43.86 0.35 -4.31	51.79 0.34 -8.55	56.83 0.14 -9.25	62.05 -0.10 -10.05	68.47 -0.12 -10.48	83.02 -0.35 -12.90	93.37 -0.41 -11.21	82.14 0.00 -12.87	78.76 0.07 -12.52	67.61 -0.28 -10.92	56.90 -0.24 -9.49	45.82 0.09 -3.13	41.63 -0.04 -2.87
DAHOWA__HYDRO 323763	35.26 1.06 0.00	31.46 0.92 0.00	31.37 0.91 0.00	30.39 0.91 0.00	30.95 0.93 0.00	34.95 1.02 0.00	46.26 1.48 0.00	50.97 1.58 0.00	46.81 1.18 0.00	39.29 0.86 0.62	39.12 0.67 0.78	39.17 0.78 0.82	46.29 0.81 -2.58	53.70 1.19 -5.07	56.44 1.35 -2.99	63.93 1.86 -3.96	86.24 2.61 -13.16	123.16 3.47 -37.12	107.33 3.19 -34.87	100.62 2.71 -31.74	59.03 2.05 0.00	49.17 1.52 0.00	43.71 1.11 0.00	39.77 0.97 0.00
DANC__LFGE 323619	39.52 0.79 -4.54	35.23 0.73 -3.95	34.48 0.73 -3.30	33.89 0.71 -3.71	36.09 0.69 -5.38	42.01 0.95 -7.13	54.34 1.48 -8.08	59.05 1.78 -7.88	57.88 1.55 -10.70	51.92 1.09 -11.77	51.03 0.98 -10.81	50.77 0.86 -10.70	55.49 0.86 -11.74	59.85 0.90 -11.51	64.93 0.88 -11.95	67.64 1.22 -8.31	82.95 1.20 -11.28	94.65 1.90 -10.17	83.79 2.01 -12.52	81.68 2.12 -13.39	71.54 1.77 -12.79	62.26 1.38 -13.23	51.25 1.24 -7.41	49.28 0.93 -9.55
DANSKAMMER__1 23586	35.12 0.92 0.00	31.37 0.83 0.00	31.22 0.76 0.00	30.24 0.77 0.00	30.77 0.75 0.00	34.85 0.92 0.00	46.18 1.39 0.00	50.97 1.58 0.00	47.18 1.55 0.00	41.13 1.64 -0.43	41.39 1.61 -0.54	41.46 1.68 -0.57	45.85 2.02 -0.94	51.04 2.28 -1.32	55.95 2.66 -1.20	62.54 2.90 -1.53	76.60 3.87 -2.25	87.89 4.46 -0.86	73.43 3.46 -0.70	69.73 3.24 -0.32	59.60 2.62 0.00	49.41 1.76 0.00	44.01 1.40 0.00	40.04 1.24 0.00
DANSKAMMER__2 23589	35.12 0.92 0.00	31.37 0.83 0.00	31.22 0.76 0.00	30.24 0.77 0.00	30.77 0.75 0.00	34.85 0.92 0.00	46.18 1.39 0.00	50.97 1.58 0.00	47.18 1.55 0.00	41.13 1.64 -0.43	41.39 1.61 -0.54	41.46 1.68 -0.57	45.85 2.02 -0.94	51.04 2.28 -1.32	55.95 2.66 -1.20	62.54 2.90 -1.53	76.60 3.87 -2.25	87.89 4.46 -0.86	73.43 3.46 -0.70	69.73 3.24 -0.32	59.60 2.62 0.00	49.41 1.76 0.00	44.01 1.40 0.00	40.04 1.24 0.00
DANSKAMMER__3 23590	35.12 0.92 0.00	31.37 0.83 0.00	31.22 0.76 0.00	30.24 0.77 0.00	30.77 0.75 0.00	34.85 0.92 0.00	46.18 1.39 0.00	50.97 1.58 0.00	47.18 1.55 0.00	41.13 1.64 -0.43	41.39 1.61 -0.54	41.46 1.68 -0.57	45.85 2.02 -0.94	51.04 2.28 -1.32	55.95 2.66 -1.20	62.54 2.90 -1.53	76.60 3.87 -2.25	87.89 4.46 -0.86	73.43 3.46 -0.70	69.73 3.24 -0.32	59.60 2.62 0.00	49.41 1.76 0.00	44.01 1.40 0.00	40.04 1.24 0.00

DANSKAMMER___4 23591	35.12 0.92 0.00	31.37 0.83 0.00	31.22 0.76 0.00	30.24 0.77 0.00	30.77 0.75 0.00	34.85 0.92 0.00	46.18 1.39 0.00	50.97 1.58 0.00	47.18 1.55 0.00	41.13 1.64 -0.43	41.39 1.61 -0.54	41.46 1.68 -0.57	45.85 2.02 -0.94	51.04 2.28 -1.32	55.95 2.66 -1.20	62.54 2.90 -1.53	76.60 3.87 -2.25	87.89 4.46 -0.86	73.43 3.46 -0.70	69.73 3.24 -0.32	59.60 2.62 0.00	49.41 1.76 0.00	44.01 1.40 0.00	40.04 1.24 0.00
DANSKAMMER___DIESEL 23592	35.12 0.92 0.00	31.37 0.82 0.00	31.25 0.79 0.00	30.25 0.77 0.00	30.77 0.75 0.00	34.85 0.92 0.00	46.13 1.34 0.00	50.87 1.48 0.00	47.09 1.46 0.00	41.05 1.56 -0.43	41.31 1.53 -0.54	41.30 1.53 -0.57	45.72 1.89 -0.94	50.99 2.23 -1.32	55.95 2.66 -1.20	62.54 2.91 -1.53	76.60 3.88 -2.25	87.89 4.46 -0.86	73.43 3.46 -0.70	69.66 3.18 -0.32	59.60 2.62 0.00	49.46 1.81 0.00	44.01 1.41 0.00	40.00 1.20 0.00
DARBY___SOLAR 323810	35.12 0.92 0.00	31.37 0.83 0.00	31.25 0.79 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.81 0.88 0.00	46.09 1.30 0.00	50.77 1.38 0.00	46.68 1.05 0.00	39.15 0.74 0.65	39.02 0.59 0.81	39.01 0.67 0.86	46.55 0.73 -2.93	54.20 1.04 -5.71	56.76 1.25 -3.41	64.31 1.69 -4.51	87.53 2.32 -14.74	126.77 3.14 -41.06	110.68 2.84 -38.57	103.69 2.45 -35.07	58.80 1.82 0.00	48.98 1.33 0.00	43.54 0.94 0.00	39.65 0.85 0.00
DASHVILLE___HYD 23610	34.78 0.58 0.00	31.06 0.52 0.00	30.94 0.49 0.00	29.95 0.47 0.00	30.50 0.48 0.00	34.47 0.54 0.00	45.64 0.85 0.00	50.28 0.89 0.00	46.50 0.87 0.00	40.71 1.37 -0.28	40.93 1.33 -0.35	40.91 1.33 -0.37	45.14 1.63 -0.61	50.30 1.99 -0.86	55.28 2.40 -0.79	61.24 2.67 -0.46	74.02 3.52 -0.02	83.79 4.05 2.83	69.25 3.05 3.07	66.09 2.85 2.92	57.68 2.39 1.70	48.74 1.67 0.57	43.54 0.94 0.00	39.65 0.85 0.00
DELAWARE___LFGE 323621	35.38 0.62 -0.56	31.50 0.55 -0.40	31.24 0.58 -0.21	30.25 0.56 -0.21	30.78 0.57 -0.19	35.13 0.64 -0.55	46.11 0.99 -0.34	50.89 1.09 -0.41	47.77 1.10 -1.05	40.86 1.05 -0.75	41.11 1.06 -0.81	41.07 1.06 -0.81	46.06 1.16 -2.01	50.99 1.33 -2.22	55.99 1.46 -2.43	62.50 1.69 -2.71	75.90 2.11 -3.31	87.95 2.48 -2.90	74.51 2.01 -3.23	71.18 1.92 -3.09	61.06 1.42 -2.65	50.86 1.00 -2.22	44.10 0.89 -0.61	39.97 0.74 -0.44
DERFIELD_115KV_TB7 355931	34.59 0.00 -0.39	30.92 0.00 -0.38	30.82 0.00 -0.37	29.91 0.00 -0.43	30.69 0.00 -0.67	34.68 0.00 -0.75	45.90 0.09 -1.02	50.38 0.05 -0.94	46.79 0.09 -1.07	40.52 0.12 -1.35	40.54 0.12 -1.18	40.49 0.12 -1.17	43.82 0.13 -0.80	48.25 0.14 -0.67	52.95 0.21 -0.64	58.40 0.29 0.00	70.99 0.35 -0.17	82.99 0.41 0.00	69.98 0.35 -0.37	67.05 0.33 -0.56	57.82 0.17 -0.66	48.66 0.10 -0.92	43.44 0.04 -0.79	39.96 0.00 -1.17
DOGLEVILLE___HYD 23807	34.45 -0.14 -0.39	30.83 -0.09 -0.38	30.73 -0.09 -0.37	29.79 -0.12 -0.43	30.57 -0.12 -0.67	34.68 0.00 -0.75	46.03 0.22 -1.02	50.38 0.05 -0.94	46.79 0.09 -1.07	40.48 0.08 -1.35	40.54 0.12 -1.18	40.49 0.12 -1.17	43.78 0.09 -0.80	48.21 0.09 -0.67	52.74 0.00 -0.64	58.40 0.29 0.00	71.06 0.42 -0.17	82.82 0.25 0.00	69.98 0.35 -0.37	67.12 0.40 -0.56	57.93 0.28 -0.66	48.61 0.05 -0.92	43.40 0.00 -0.79	39.92 -0.04 -1.17
DUNKIRK___115KV_TB_200 55889	35.89 0.79 -0.91	31.84 0.64 -0.65	31.34 0.55 -0.34	30.55 0.74 -0.33	30.86 0.54 -0.30	35.37 0.54 -0.90	45.25 -0.09 -0.55	49.66 -0.40 -0.66	47.63 0.32 -1.69	41.17 0.90 -1.21	41.92 1.37 -1.31	41.53 1.02 -1.31	47.07 0.94 -3.24	52.25 1.23 -3.58	56.81 0.78 -3.93	62.42 -0.06 -4.37	70.59 -1.06 -1.18	79.93 -2.48 0.16	75.04 0.55 -5.21	72.61 1.46 -4.99	57.37 -0.91 -1.29	50.89 -0.33 -3.58	44.43 0.85 -0.98	40.09 0.58 -0.71
DUNKIRK___1 23563	35.89 0.79 -0.91	31.84 0.64 -0.65	31.34 0.55 -0.34	30.55 0.74 -0.33	30.86 0.54 -0.30	35.37 0.54 -0.90	45.25 -0.09 -0.55	49.66 -0.40 -0.66	47.63 0.32 -1.69	41.17 0.90 -1.21	41.92 1.37 -1.31	41.53 1.02 -1.31	47.07 0.94 -3.24	52.25 1.23 -3.58	56.81 0.78 -3.93	62.42 -0.06 -4.37	70.59 -1.06 -1.18	79.93 -2.48 0.16	75.04 0.55 -5.21	72.61 1.46 -4.99	57.37 -0.91 -1.29	50.89 -0.33 -3.58	44.43 0.85 -0.98	40.09 0.58 -0.71
DUNKIRK___2 23564	35.89 0.79 -0.91	31.84 0.64 -0.65	31.34 0.55 -0.34	30.55 0.74 -0.33	30.86 0.54 -0.30	35.37 0.54 -0.90	45.25 -0.09 -0.55	49.66 -0.40 -0.66	47.63 0.32 -1.69	41.17 0.90 -1.21	41.92 1.37 -1.31	41.53 1.02 -1.31	47.07 0.94 -3.24	52.25 1.23 -3.58	56.81 0.78 -3.93	62.42 -0.06 -4.37	70.59 -1.06 -1.18	79.93 -2.48 0.16	75.04 0.55 -5.21	72.61 1.46 -4.99	57.37 -0.91 -1.29	50.89 -0.33 -3.58	44.43 0.85 -0.98	40.09 0.58 -0.71
DUNKIRK___3 23565	35.75 0.65 -0.90	31.68 0.49 -0.65	31.22 0.43 -0.34	30.40 0.59 -0.33	30.71 0.39 -0.30	35.16 0.34 -0.89	44.98 -0.36 -0.55	49.36 -0.69 -0.66	47.31 0.00 -1.68	40.89 0.62 -1.21	41.65 1.10 -1.31	41.25 0.74 -1.31	46.77 0.64 -3.23	51.92 0.90 -3.57	56.43 0.42 -3.92	62.00 -0.46 -4.36	70.07 -1.55 -1.15	79.41 -2.97 0.19	74.47 0.00 -5.20	72.07 0.93 -4.98	56.89 -1.37 -1.27	50.55 -0.67 -3.57	44.13 0.55 -0.97	39.85 0.35 -0.71
DUNKIRK___4 23566	35.75 0.65 -0.90	31.68 0.49 -0.65	31.22 0.43 -0.34	30.40 0.59 -0.33	30.71 0.39 -0.30	35.16 0.34 -0.89	44.98 -0.36 -0.55	49.36 -0.69 -0.66	47.31 0.00 -1.68	40.89 0.62 -1.21	41.65 1.10 -1.31	41.25 0.74 -1.31	46.77 0.64 -3.23	51.92 0.90 -3.57	56.43 0.42 -3.92	62.00 -0.46 -4.36	70.07 -1.55 -1.15	79.41 -2.97 0.19	74.47 0.00 -5.20	72.07 0.93 -4.98	56.89 -1.37 -1.27	50.55 -0.67 -3.57	44.13 0.55 -0.97	39.85 0.35 -0.71
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.19 0.99 0.00	31.40 0.86 0.00	31.25 0.79 0.00	30.22 0.74 0.00	30.77 0.75 0.00	34.88 0.95 0.00	46.22 1.43 0.00	51.12 1.73 0.00	47.50 1.87 0.00	41.59 1.95 -0.58	42.00 2.04 -0.72	42.12 2.16 -0.76	46.64 2.49 -1.25	52.06 2.85 -1.77	57.09 3.39 -1.61	63.99 3.84 -2.05	78.35 4.86 -3.02	89.25 5.53 -1.15	74.63 4.43 -0.93	70.57 3.97 -0.43	60.12 3.13 0.00	49.84 2.19 0.00	44.27 1.66 0.00	40.27 1.47 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.95 0.75 0.00	31.22 0.67 0.00	31.06 0.61 0.00	30.07 0.59 0.00	30.59 0.57 0.00	34.68 0.75 0.00	45.91 1.12 0.00	50.67 1.28 0.00	46.91 1.28 0.00	40.91 1.41 -0.44	41.20 1.41 -0.55	41.20 1.41 -0.58	45.57 1.72 -0.96	50.83 2.04 -1.35	55.73 2.40 -1.23	62.35 2.67 -1.57	76.31 3.52 -2.31	87.50 4.05 -0.88	73.10 3.12 -0.71	69.34 2.85 -0.33	59.26 2.28 0.00	49.22 1.57 0.00	43.80 1.19 0.00	39.84 1.05 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.50 1.30 0.00	31.64 1.10 0.00	31.46 1.01 0.00	30.46 0.97 -0.01	31.01 0.99 0.00	35.02 1.09 0.00	46.31 1.52 0.00	51.17 1.78 0.00	47.50 1.87 0.00	41.63 1.99 -0.58	42.12 2.16 -0.72	42.36 2.39 -0.77	46.94 2.79 -1.26	52.35 3.13 -1.77	57.41 3.70 -1.61	64.34 4.18 -2.05	78.78 5.29 -3.02	89.83 6.11 -1.15	74.91 4.71 -0.93	70.70 4.10 -0.43	60.12 3.13 0.00	49.84 2.19 0.00	44.62 2.00 -0.01	40.67 1.86 -0.01

E179THST_13_KV_LOAD 356214	35.63 1.44 0.00	31.80 1.25 0.00	31.61 1.16 0.00	30.58 1.09 -0.01	31.13 1.11 0.00	35.15 1.22 0.00	46.49 1.70 0.00	51.41 2.02 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.35 2.39 -0.72	42.60 2.63 -0.77	47.20 3.05 -1.26	52.63 3.42 -1.77	57.77 4.06 -1.61	64.68 4.53 -2.05	79.28 5.78 -3.02	90.41 6.69 -1.15	75.40 5.20 -0.93	71.16 4.57 -0.43	60.46 3.48 0.00	50.13 2.48 0.00	44.87 2.26 -0.01	40.90 2.09 -0.01
EAST HAMPTON___GT 23717	35.36 1.16 0.00	31.40 0.85 0.00	30.94 0.49 0.00	29.71 0.23 0.00	30.32 0.30 0.00	34.16 0.24 0.01	41.35 0.13 3.57	42.20 0.44 7.63	41.39 0.36 4.60	40.53 0.90 -0.57	41.25 1.29 -0.71	41.29 1.33 -0.75	45.64 1.50 -1.25	50.58 1.38 -1.76	55.73 2.03 -1.60	62.41 2.26 -2.04	76.87 3.38 -3.01	82.57 3.72 3.72	73.24 3.04 -0.93	69.04 2.45 -0.42	58.45 1.48 0.01	48.40 0.76 0.01	42.47 -0.13 0.01	39.33 0.54 0.01
EAST RIVER___6 23660	35.36 1.16 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.36 0.88 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.73 2.10 0.00	41.86 2.23 -0.58	42.35 2.39 -0.72	42.51 2.55 -0.76	47.19 3.05 -1.25	52.53 3.32 -1.77	57.56 3.86 -1.61	64.51 4.36 -2.05	79.14 5.64 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	71.10 4.50 -0.43	60.57 3.59 0.00	50.12 2.48 0.00	44.61 2.00 0.00	40.58 1.79 0.00
EAST RIVER___7 23524	35.36 1.16 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.36 0.88 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.73 2.10 0.00	41.86 2.23 -0.58	42.35 2.39 -0.72	42.51 2.55 -0.76	47.19 3.05 -1.25	52.53 3.32 -1.77	57.56 3.86 -1.61	64.51 4.36 -2.05	79.14 5.64 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	71.10 4.50 -0.43	60.57 3.59 0.00	50.12 2.48 0.00	44.61 2.00 0.00	40.58 1.79 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.12 0.92 0.00	31.34 0.79 0.00	31.19 0.73 0.00	30.16 0.68 0.00	30.71 0.69 0.00	34.81 0.88 0.00	46.13 1.34 0.00	51.02 1.63 0.00	47.36 1.73 0.00	41.43 1.80 -0.58	41.88 1.92 -0.72	41.96 2.00 -0.76	46.46 2.32 -1.25	51.86 2.66 -1.76	56.83 3.13 -1.61	63.75 3.60 -2.04	78.07 4.58 -3.01	88.84 5.12 -1.15	74.36 4.16 -0.93	70.30 3.71 -0.43	59.89 2.91 0.00	49.70 2.05 0.00	44.14 1.53 0.00	40.19 1.40 0.00
EAST_HAMPTON___DIESEL 23722	35.32 1.13 0.00	31.40 0.85 0.00	30.91 0.46 0.00	29.69 0.21 0.00	30.29 0.27 0.00	34.13 0.20 0.01	41.31 0.09 3.57	42.11 0.35 7.63	41.35 0.32 4.60	40.45 0.82 -0.57	41.17 1.22 -0.71	41.21 1.25 -0.75	45.55 1.41 -1.25	50.48 1.28 -1.76	55.63 1.93 -1.60	62.30 2.15 -2.04	76.73 3.24 -3.01	82.32 3.47 3.72	73.04 2.84 -0.93	68.84 2.25 -0.42	58.34 1.37 0.01	48.31 0.67 0.01	42.34 -0.25 0.01	39.25 0.47 0.01
EAST_POINT___SOLAR 323840	36.45 2.26 0.00	32.53 1.98 0.00	32.43 1.98 0.00	31.42 1.95 0.00	32.03 2.01 0.00	36.41 2.48 0.00	48.32 3.54 0.00	53.14 3.75 0.00	48.41 2.78 0.00	40.45 1.76 0.36	39.88 1.10 0.45	40.10 1.37 0.48	44.14 1.72 0.47	49.12 2.23 0.55	54.13 2.66 0.63	60.98 3.66 0.79	75.03 5.14 0.59	91.61 6.69 -2.35	77.86 6.30 -2.29	74.30 5.82 -2.31	61.54 4.56 0.00	51.17 3.53 0.00	45.63 3.03 0.00	41.28 2.49 0.00
EAST_PULASKI___ESR 323781	38.51 0.17 -4.14	34.07 0.18 -3.34	33.01 0.15 -2.40	32.25 0.15 -2.62	33.63 0.15 -3.46	39.68 0.24 -5.51	50.45 0.32 -5.35	55.31 0.44 -5.48	54.99 0.46 -8.91	47.97 0.31 -8.60	47.74 0.24 -8.27	47.56 0.16 -8.20	55.39 0.13 -12.37	60.47 0.14 -12.88	65.92 0.05 -13.77	70.86 0.12 -12.64	88.50 -0.14 -18.16	99.38 0.08 -16.72	86.17 0.42 -16.48	83.17 0.47 -16.54	73.69 0.29 -16.42	61.69 0.24 -13.80	48.63 0.21 -5.81	45.34 0.08 -6.47
EAST_RIVER___1 323558	35.36 1.16 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.44 1.66 0.00	51.51 2.12 0.00	47.82 2.19 0.00	41.90 2.26 -0.58	42.35 2.39 -0.72	42.55 2.59 -0.76	47.19 3.05 -1.25	52.53 3.32 -1.77	57.51 3.80 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	90.00 6.27 -1.15	75.12 4.92 -0.93	71.10 4.50 -0.43	60.46 3.48 0.00	50.03 2.38 0.00	44.52 1.92 0.00	40.54 1.75 0.00
EAST_RIVER___2 323559	35.36 1.16 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.36 0.88 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.73 2.10 0.00	41.86 2.23 -0.58	42.35 2.39 -0.72	42.51 2.55 -0.76	47.19 3.05 -1.25	52.53 3.32 -1.77	57.56 3.86 -1.61	64.51 4.36 -2.05	79.14 5.64 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	71.10 4.50 -0.43	60.57 3.59 0.00	50.12 2.48 0.00	44.61 2.00 0.00	40.58 1.79 0.00
EAST___DELAWARE_HYD 23607	34.95 0.75 0.00	31.19 0.64 0.00	31.06 0.61 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.68 0.75 0.00	46.00 1.21 0.00	50.72 1.33 0.00	46.90 1.28 0.00	40.78 1.37 -0.36	40.98 1.29 -0.45	40.97 1.29 -0.47	45.30 1.63 -0.78	50.39 1.85 -1.10	55.23 2.14 -1.00	61.82 2.44 -1.27	75.73 3.38 -1.88	87.17 3.88 -0.71	72.64 2.91 -0.47	69.19 2.84 -0.18	58.77 2.34 0.55	48.99 1.52 0.18	43.84 1.24 0.00	39.84 1.05 0.00
EIGHT_POINT___WT_PWR 323820	35.42 0.07 -1.15	31.43 0.06 -0.83	31.04 0.15 -0.43	30.02 0.12 -0.42	30.40 0.00 -0.38	35.13 0.07 -1.14	45.26 -0.22 -0.70	50.03 -0.20 -0.84	48.09 0.32 -2.14	41.22 0.62 -1.54	42.04 1.14 -1.67	41.49 0.63 -1.66	47.81 0.81 -4.11	53.17 1.19 -4.54	58.02 0.94 -4.98	64.01 0.35 -5.55	74.60 -0.21 -4.34	84.73 -0.91 -3.06	77.20 1.31 -6.62	74.35 1.85 -6.34	60.58 -0.06 -3.66	52.66 0.48 -4.54	44.87 1.02 -1.24	40.51 0.82 -0.90
ELBRIDGE_115KV_TB2 80188	36.74 -0.07 -2.61	32.45 -0.06 -1.96	31.54 -0.09 -1.17	30.58 -0.12 -1.22	31.26 -0.12 -1.36	36.74 -0.10 -2.91	45.92 -0.22 -1.35	51.72 -0.15 -2.48	50.76 0.00 -5.13	43.42 0.16 -4.21	43.78 0.24 -4.31	43.64 0.16 -4.28	51.80 0.17 -8.74	57.01 0.09 -9.48	62.36 -0.05 -10.31	68.78 -0.17 -10.85	83.45 -0.35 -13.33	93.68 -0.50 -11.61	82.54 0.00 -13.27	79.18 0.13 -12.88	67.90 -0.28 -11.20	57.10 -0.24 -9.69	45.65 -0.09 -3.13	41.40 -0.19 -2.80
ELEC_TRO_TEK 24086	34.85 0.65 0.00	31.13 0.58 0.00	30.85 0.40 0.00	29.74 0.27 0.00	30.32 0.30 0.00	34.26 0.34 0.01	44.44 0.58 0.93	48.25 0.84 1.98	45.44 1.00 1.20	40.88 1.25 -0.57	41.44 1.49 -0.72	41.57 1.61 -0.76	46.03 1.89 -1.25	51.39 2.18 -1.76	56.41 2.71 -1.60	63.17 3.02 -2.04	77.43 3.95 -3.01	86.92 4.46 0.12	73.80 3.60 -0.93	69.77 3.18 -0.42	59.43 2.45 0.01	49.21 1.57 0.01	43.54 0.94 0.01	39.64 0.85 0.01
ELLENBURG_WT_PWR 323604	36.18 1.02 -0.96	32.35 0.89 -0.92	32.24 0.88 -0.90	31.47 0.94 -1.04	32.67 1.02 -1.63	36.96 1.19 -1.84	47.64 0.45 -2.40	51.54 -0.10 -2.25	47.95 -0.23 -2.55	42.51 0.24 -3.22	42.30 0.24 -2.83	42.23 0.24 -2.79	44.71 -0.09 -1.90	48.47 -0.57 -1.60	53.05 -0.57 -1.52	57.47 -0.64 0.00	70.24 -0.64 -0.40	82.35 -0.66 -0.43	69.60 -0.56 -0.88	67.03 -0.46 -1.33	58.51 -0.06 -1.58	50.21 0.38 -2.19	45.60 1.11 -1.89	43.14 1.55 -2.79

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.57 0.48 -0.89	31.55 0.37 -0.64	31.09 0.30 -0.33	30.25 0.44 -0.33	30.56 0.24 -0.30	34.88 0.07 -0.88	44.39 -0.94 -0.54	48.76 -1.28 -0.65	46.83 -0.46 -1.66	40.56 0.31 -1.19	41.27 0.75 -1.29	40.92 0.43 -1.29	46.33 0.26 -3.18	51.39 0.43 -3.52	55.85 -0.10 -3.86	61.30 -1.10 -4.29	68.99 -2.40 -0.92	78.09 -4.05 0.44	73.28 -1.11 -5.12	71.07 0.00 -4.90	55.97 -2.11 -1.10	49.97 -1.19 -3.51	43.65 0.09 -0.96	39.49 0.00 -0.70
EMPIRE_CC_1 323656	34.10 -0.10 0.00	30.48 -0.06 0.00	30.36 -0.09 0.00	29.42 -0.06 0.00	29.96 -0.06 0.00	33.83 -0.10 0.00	44.83 0.04 0.00	49.24 -0.15 0.00	45.49 -0.14 0.00	38.16 -0.08 0.81	38.07 -0.16 1.01	38.02 -0.12 1.07	36.11 -0.09 6.70	36.11 -0.09 11.24	43.96 0.05 8.19	47.66 0.17 10.62	45.66 0.21 25.03	33.15 0.41 49.84	22.99 0.14 46.42	25.10 0.00 41.06	56.93 -0.06 0.00	47.41 -0.24 0.00	42.18 -0.43 0.00	38.68 -0.12 0.00
EMPIRE_CC_2 323658	34.10 -0.10 0.00	30.48 -0.06 0.00	30.36 -0.09 0.00	29.42 -0.06 0.00	29.96 -0.06 0.00	33.83 -0.10 0.00	44.83 0.04 0.00	49.24 -0.15 0.00	45.49 -0.14 0.00	38.16 -0.08 0.81	38.07 -0.16 1.01	38.02 -0.12 1.07	36.11 -0.09 6.70	36.11 -0.09 11.24	43.96 0.05 8.19	47.66 0.17 10.62	45.66 0.21 25.03	33.15 0.41 49.84	22.99 0.14 46.42	25.10 0.00 41.06	56.93 -0.06 0.00	47.41 -0.24 0.00	42.18 -0.43 0.00	38.68 -0.12 0.00
ENORWICH_115KV_TB1 80156	37.15 1.85 -1.11	33.02 1.68 -0.80	32.51 1.64 -0.41	31.54 1.65 -0.41	32.07 1.68 -0.37	37.23 2.21 -1.09	48.73 3.27 -0.68	53.86 3.65 -0.81	51.11 3.42 -2.06	43.35 2.81 -1.48	43.63 2.79 -1.61	43.39 2.59 -1.60	49.51 2.66 -3.96	54.81 2.99 -4.38	60.02 3.13 -4.80	67.40 3.95 -5.34	81.94 4.93 -6.54	94.48 6.19 -5.72	81.81 6.16 -6.38	78.42 6.15 -6.10	66.88 4.67 -5.23	55.40 3.38 -4.37	46.91 3.11 -1.19	42.22 2.56 -0.87
ERIE_ST__34_KV_TB1-2 80199	35.58 0.48 -0.91	31.56 0.37 -0.65	31.07 0.27 -0.34	30.23 0.41 -0.33	30.53 0.21 -0.30	34.96 0.14 -0.90	44.75 -0.58 -0.55	49.02 -1.04 -0.66	47.04 -0.27 -1.69	40.70 0.43 -1.21	41.45 0.90 -1.31	41.02 0.51 -1.31	46.52 0.39 -3.24	51.69 0.66 -3.58	56.18 0.16 -3.93	61.66 -0.81 -4.37	69.73 -1.90 -1.16	78.93 -3.47 0.18	74.07 -0.42 -5.21	71.62 0.46 -4.99	56.56 -1.71 -1.29	50.22 -1.00 -3.58	43.84 0.26 -0.98	39.66 0.16 -0.71
ERIE_WT_PWR 323693	35.62 0.51 -0.90	31.62 0.43 -0.65	31.31 0.52 -0.34	30.34 0.53 -0.33	30.65 0.33 -0.30	35.03 0.20 -0.89	44.71 -0.63 -0.55	49.21 -0.84 -0.66	47.36 0.05 -1.68	40.77 0.51 -1.21	41.45 0.90 -1.31	40.79 0.28 -1.31	46.43 0.30 -3.23	51.73 0.71 -3.57	56.28 0.26 -3.92	61.71 -0.76 -4.36	69.66 -1.97 -1.16	78.80 -3.55 0.23	73.92 -0.56 -5.20	71.35 0.20 -4.98	56.58 -1.65 -1.25	50.45 -0.76 -3.57	43.92 0.34 -0.98	39.78 0.27 -0.71
ESPRGFLD_115KV_TB1 80157	35.77 1.57 0.00	31.95 1.41 0.00	31.89 1.43 0.00	30.86 1.39 0.00	31.43 1.41 0.00	35.69 1.76 0.00	47.49 2.55 -0.15	52.16 2.77 0.00	48.05 2.42 0.00	40.75 1.91 0.22	40.69 1.73 0.28	40.72 1.80 0.29	44.39 1.97 0.48	49.09 2.32 0.67	54.09 2.60 0.61	60.52 3.20 0.78	75.01 4.23 -0.31	87.25 5.12 0.44	73.55 4.64 0.36	70.43 4.43 0.17	60.34 3.36 0.00	50.22 2.57 0.00	44.86 2.26 0.00	40.66 1.86 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.30 0.65 -1.46	32.17 0.58 -1.05	31.54 0.55 -0.54	30.55 0.53 -0.54	31.02 0.51 -0.49	36.05 0.68 -1.44	46.58 0.90 -0.90	51.44 0.99 -1.06	49.34 1.00 -2.71	41.94 0.94 -1.95	42.33 0.98 -2.11	42.17 0.86 -2.10	48.99 0.90 -5.20	54.23 1.04 -5.75	59.39 0.99 -6.31	66.23 1.10 -7.02	80.27 1.20 -8.60	91.57 1.49 -7.51	79.58 1.94 -8.38	76.23 2.05 -8.02	64.99 1.14 -6.87	54.30 0.91 -5.74	45.11 0.94 -1.57	40.60 0.66 -1.14
ETNA____115KV_TB2 80207	36.30 0.65 -1.46	32.17 0.58 -1.05	31.54 0.55 -0.54	30.55 0.53 -0.54	31.02 0.51 -0.49	36.05 0.68 -1.44	46.58 0.90 -0.90	51.44 0.99 -1.06	49.34 1.00 -2.71	41.94 0.94 -1.95	42.33 0.98 -2.11	42.17 0.86 -2.10	48.99 0.90 -5.20	54.23 1.04 -5.75	59.39 0.99 -6.31	66.23 1.10 -7.02	80.27 1.20 -8.60	91.57 1.49 -7.51	79.58 1.94 -8.38	76.23 2.05 -8.02	64.99 1.14 -6.87	54.30 0.91 -5.74	45.11 0.94 -1.57	40.60 0.66 -1.14
EUCLID__115KV_TB2 356179	35.81 -0.24 -1.86	31.79 -0.21 -1.45	31.18 -0.24 -0.97	30.28 -0.24 -1.04	31.04 -0.27 -1.29	35.92 -0.31 -2.29	46.32 -0.49 -2.03	51.10 -0.44 -2.15	49.20 -0.27 -3.85	42.41 -0.12 -3.47	42.62 -0.04 -3.43	42.53 -0.08 -3.40	48.66 -0.09 -5.85	53.51 -0.14 -6.21	58.54 -0.26 -6.70	64.35 -0.35 -6.59	75.04 -0.63 -5.20	85.34 -0.74 -3.51	77.24 -0.35 -8.31	74.17 -0.20 -8.20	61.49 -0.57 -5.08	53.68 -0.48 -6.51	44.70 -0.34 -2.44	40.87 -0.43 -2.50
E_CANADA_CAP_HY 24051	36.18 1.98 0.00	32.29 1.74 0.00	32.19 1.74 0.00	31.19 1.71 0.00	31.79 1.77 0.00	36.10 2.17 0.00	47.87 3.09 0.00	52.70 3.31 0.00	48.18 2.55 0.00	40.57 1.84 0.33	40.24 1.41 0.41	40.30 1.53 0.43	43.95 1.76 0.71	48.68 2.23 1.00	53.74 2.55 0.91	60.32 3.37 1.15	73.48 4.72 1.72	87.78 5.86 0.65	74.14 5.41 0.53	70.95 5.03 0.25	60.86 3.88 0.00	50.70 3.05 0.00	45.25 2.64 0.00	40.97 2.17 0.00
E_CANADA_MHWK_HY 24050	34.45 -0.14 -0.39	30.83 -0.09 -0.38	30.73 -0.09 -0.37	29.79 -0.12 -0.43	30.57 -0.12 -0.67	34.68 0.00 -0.75	46.03 0.23 -1.02	50.43 0.10 -0.94	46.79 0.09 -1.07	40.48 0.08 -1.35	40.54 0.12 -1.18	40.53 0.16 -1.17	43.78 0.09 -0.80	48.21 0.10 -0.67	52.74 0.00 -0.64	58.40 0.29 0.00	71.07 0.43 -0.17	83.00 0.25 -0.18	69.99 0.35 -0.37	67.12 0.40 -0.56	57.93 0.29 -0.66	48.61 0.05 -0.92	43.40 0.00 -0.79	39.92 -0.04 -1.17
E_FISHKILL__LBMP 23776	34.81 0.62 0.00	31.10 0.55 0.00	30.94 0.49 0.00	29.95 0.47 0.00	30.50 0.48 0.00	34.51 0.58 0.00	45.73 0.94 0.00	50.48 1.09 0.00	46.77 1.14 0.00	40.90 1.25 -0.60	41.28 1.29 -0.75	41.32 1.33 -0.79	45.78 1.59 -1.30	51.07 1.80 -1.83	55.95 2.19 -1.66	62.72 2.50 -2.11	76.76 3.17 -3.12	87.39 3.63 -1.19	73.07 2.84 -0.96	69.06 2.45 -0.44	58.98 1.99 0.00	48.98 1.33 0.00	43.54 0.94 0.00	39.69 0.89 0.00
FALCON__SEABRD_CC1 323796	37.27 1.81 -1.26	33.32 1.56 -1.22	33.20 1.55 -1.19	32.42 1.56 -1.38	33.86 1.68 -2.16	38.33 1.97 -2.44	48.23 0.27 -3.17	51.52 -0.84 -2.97	48.08 -0.91 -3.36	43.62 0.31 -4.25	43.28 0.31 -3.73	43.24 0.35 -3.69	45.02 -0.39 -2.51	48.22 -1.33 -2.11	52.76 -1.35 -2.01	56.60 -1.51 0.00	69.38 -1.62 -0.53	81.41 -1.74 -0.57	68.98 -1.46 -1.17	66.53 -1.39 -1.75	58.27 -0.80 -2.09	50.53 0.00 -2.89	46.63 1.53 -2.49	45.00 2.52 -3.68
FALCON__SEABRD_CC2 323797	37.27 1.81 -1.26	33.32 1.56 -1.22	33.20 1.55 -1.19	32.42 1.56 -1.38	33.86 1.68 -2.16	38.33 1.97 -2.44	48.23 0.27 -3.17	51.52 -0.84 -2.97	48.08 -0.91 -3.36	43.62 0.31 -4.25	43.28 0.31 -3.73	43.24 0.35 -3.69	45.02 -0.39 -2.51	48.22 -1.33 -2.11	52.76 -1.35 -2.01	56.60 -1.51 0.00	69.38 -1.62 -0.53	81.41 -1.74 -0.57	68.98 -1.46 -1.17	66.53 -1.39 -1.75	58.27 -0.80 -2.09	50.53 0.00 -2.89	46.63 1.53 -2.49	45.00 2.52 -3.68

FAR ROCKAWAY___4 23548	35.26 1.06 0.00	31.49 0.95 0.00	31.19 0.73 0.00	30.07 0.59 0.00	30.65 0.63 0.00	34.60 0.68 0.01	45.46 1.03 0.35	50.02 1.38 0.75	46.63 1.46 0.46	41.31 1.68 -0.57	41.95 2.00 -0.72	42.11 2.16 -0.75	46.71 2.57 -1.25	52.14 2.94 -1.76	57.29 3.59 -1.60	64.16 4.01 -2.04	78.70 5.22 -3.01	89.19 5.95 -0.67	75.11 4.92 -0.93	71.02 4.43 -0.42	60.39 3.42 0.01	50.02 2.38 0.01	44.13 1.53 0.01	40.15 1.36 0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.36 1.16 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.41 2.02 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.27 2.32 -0.72	42.43 2.47 -0.76	47.02 2.87 -1.25	52.48 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	78.99 5.50 -3.02	89.92 6.19 -1.15	75.12 4.92 -0.93	71.03 4.43 -0.43	60.46 3.48 0.00	50.08 2.43 0.00	44.52 1.92 0.00	40.50 1.71 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.36 1.16 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.44 1.66 0.00	51.41 2.02 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.27 2.32 -0.72	42.43 2.47 -0.76	47.02 2.87 -1.25	52.48 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	78.99 5.50 -3.02	89.92 6.19 -1.15	75.19 4.99 -0.93	71.03 4.43 -0.43	60.46 3.48 0.00	50.08 2.43 0.00	44.52 1.92 0.00	40.50 1.71 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.41 2.02 0.00	47.77 2.14 0.00	41.86 2.23 -0.58	42.27 2.32 -0.72	42.43 2.47 -0.76	46.98 2.83 -1.25	52.44 3.23 -1.77	57.51 3.80 -1.61	64.39 4.24 -2.05	78.99 5.50 -3.02	89.92 6.19 -1.15	75.12 4.92 -0.93	70.96 4.37 -0.43	60.40 3.42 0.00	50.03 2.38 0.00	44.48 1.87 0.00	40.50 1.71 0.00
FARRAGUT___LBMP 323566	35.33 1.13 0.00	31.49 0.95 0.00	31.34 0.88 0.00	30.30 0.83 0.00	30.86 0.84 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.24 2.28 -0.72	42.36 2.39 -0.76	46.94 2.79 -1.25	52.39 3.18 -1.77	57.46 3.75 -1.61	64.34 4.18 -2.05	78.85 5.36 -3.02	89.75 6.03 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.44 1.83 0.00	40.46 1.67 0.00
FENNER___WINDPWR 24204	36.60 0.62 -1.79	32.58 0.58 -1.45	32.08 0.58 -1.05	31.19 0.56 -1.15	32.09 0.54 -1.53	37.05 0.71 -2.40	46.30 0.58 -0.93	53.91 1.73 -2.80	51.58 1.64 -4.31	44.71 1.33 -4.32	44.59 1.26 -4.10	44.49 1.22 -4.07	49.82 1.29 -5.65	54.67 1.42 -5.80	59.72 1.46 -6.16	65.27 1.80 -5.36	81.09 2.11 -8.50	89.42 2.72 -4.13	79.01 2.56 -7.18	75.98 2.51 -7.29	64.34 1.94 -5.42	55.39 1.43 -6.31	46.70 1.24 -2.86	43.09 0.97 -3.33
FIBERTEK___ENERGY 23856	36.80 0.03 -2.57	32.52 0.03 -1.95	31.64 0.00 -1.18	30.71 0.00 -1.23	31.43 0.00 -1.41	36.84 0.00 -2.91	47.01 -0.04 -2.27	52.02 0.10 -2.53	50.92 0.18 -5.11	43.62 0.31 -4.25	43.96 0.39 -4.33	43.86 0.35 -4.31	51.79 0.34 -8.55	56.83 0.14 -9.25	62.05 -0.10 -10.05	68.47 -0.12 -10.48	83.02 -0.35 -12.90	93.37 -0.41 -11.21	82.14 0.00 -12.87	78.76 0.07 -12.52	67.61 -0.28 -10.92	56.90 -0.24 -9.49	45.82 0.09 -3.13	41.63 -0.04 -2.87
FITZPATRICK___ 23598	21.62 -0.82 11.76	21.35 -0.73 8.46	25.35 -0.73 4.37	24.44 -0.71 4.33	25.37 -0.72 3.93	21.49 -0.81 11.62	36.60 -1.16 7.02	39.60 -1.19 8.60	22.73 -1.00 21.90	22.54 -0.78 15.74	21.44 -0.75 17.05	21.40 -0.83 16.98	0.00 -0.90 41.99	0.00 -1.00 46.44	0.00 -1.15 50.95	0.00 -1.40 56.71	0.00 -1.83 68.64	19.74 -2.15 60.69	0.00 -1.59 67.68	0.00 -1.39 64.77	0.00 -1.48 55.50	0.00 -1.24 46.41	28.90 -1.02 12.68	28.57 -1.01 9.22
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.19 0.99 0.00	31.43 0.89 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.91 0.98 0.00	46.22 1.43 0.00	50.97 1.58 0.00	47.18 1.55 0.00	41.14 1.64 -0.44	41.40 1.61 -0.55	41.40 1.61 -0.58	45.83 1.97 -0.96	51.12 2.32 -1.36	56.09 2.76 -1.23	62.70 3.02 -1.57	76.81 4.02 -2.32	88.00 4.54 -0.88	73.52 3.53 -0.72	69.81 3.31 -0.33	59.72 2.74 0.00	49.55 1.91 0.00	44.05 1.45 0.00	40.08 1.28 0.00
FORT ORANGE___ 23900	33.99 -0.20 0.00	30.36 -0.18 0.00	30.27 -0.18 0.00	29.33 -0.15 0.00	29.90 -0.12 0.00	33.73 -0.20 0.00	44.65 -0.13 0.00	49.10 -0.29 0.00	45.36 -0.27 0.00	38.43 -0.16 0.47	38.26 -0.39 0.59	38.23 -0.35 0.62	37.58 -0.43 4.88	38.78 -0.38 8.29	45.84 -0.31 5.95	50.21 -0.17 7.73	51.71 -0.14 18.63	43.98 0.00 38.60	33.07 -0.21 35.99	33.88 -0.33 31.96	56.70 -0.28 0.00	47.22 -0.43 0.00	42.01 -0.60 0.00	38.37 -0.43 0.00
FORT_DRUM_COGEN 23780	41.56 1.54 -5.82	37.21 1.37 -5.29	36.59 1.37 -4.76	36.24 1.33 -5.43	39.52 1.32 -8.18	45.72 1.76 -10.02	59.77 2.82 -12.17	64.23 3.21 -11.63	62.88 2.78 -14.47	58.04 1.99 -16.99	56.27 1.77 -15.27	56.00 1.69 -15.11	58.14 1.67 -13.57	61.82 1.76 -12.62	66.63 1.77 -12.76	66.57 2.32 -6.14	82.52 2.68 -9.37	93.03 3.88 -6.57	84.74 3.95 -11.53	83.52 4.04 -13.32	73.99 3.48 -13.53	65.68 2.62 -15.41	55.29 2.34 -10.34	54.99 1.94 -14.25
FOX_HILLS___ESR 323835	20.60 1.16 14.76	18.62 0.98 12.90	16.96 0.88 14.38	16.38 0.85 13.96	17.11 0.84 13.75	20.67 0.98 14.24	23.43 1.52 22.88	23.73 1.98 27.63	23.76 2.14 24.01	23.77 2.23 17.51	25.29 2.43 16.38	25.75 2.67 16.12	25.78 3.09 20.21	25.96 3.51 24.99	30.56 4.06 25.61	37.54 4.42 24.98	44.39 5.78 31.87	57.71 6.36 31.22	52.51 4.99 21.75	44.21 4.43 26.39	31.90 3.42 28.50	25.84 2.43 24.24	25.83 2.00 18.77	25.30 1.82 15.32
FPL_FAR_ROCK_GT1 24212	35.29 1.09 0.00	31.49 0.95 0.00	31.18 0.73 0.00	30.07 0.59 0.00	30.65 0.63 0.00	34.60 0.68 0.01	45.55 1.12 0.35	50.12 1.48 0.75	46.72 1.55 0.46	41.35 1.72 -0.57	42.03 2.08 -0.72	42.23 2.27 -0.75	46.89 2.75 -1.25	52.24 3.04 -1.76	57.29 3.59 -1.60	64.21 4.07 -2.04	78.77 5.29 -3.01	89.27 6.02 -0.67	75.11 4.92 -0.93	71.02 4.43 -0.42	60.39 3.42 0.01	49.97 2.33 0.01	44.18 1.58 0.01	40.15 1.36 0.01
FPL_FAR_ROCK_GT2 23815	35.29 1.09 0.00	31.49 0.95 0.00	31.18 0.73 0.00	30.07 0.59 0.00	30.65 0.63 0.00	34.60 0.68 0.01	45.55 1.12 0.35	50.12 1.48 0.75	46.72 1.55 0.46	41.35 1.72 -0.57	42.03 2.08 -0.72	42.23 2.27 -0.75	46.89 2.75 -1.25	52.24 3.04 -1.76	57.29 3.59 -1.60	64.21 4.07 -2.04	78.77 5.29 -3.01	89.27 6.02 -0.67	75.11 4.92 -0.93	71.02 4.43 -0.42	60.39 3.42 0.01	49.97 2.33 0.01	44.18 1.58 0.01	40.15 1.36 0.01
FRANKLIN_FALL_HYD 24054	41.64 1.44 -6.01	37.58 1.25 -5.78	37.37 1.25 -5.66	37.30 1.27 -6.56	41.62 1.35 -10.25	47.10 1.59 -11.58	61.75 1.93 -15.04	65.47 1.98 -14.10	63.22 1.64 -15.95	60.50 1.29 -20.16	58.23 1.29 -17.70	57.99 1.29 -17.50	55.95 1.16 -11.90	58.17 0.71 -10.01	62.22 0.57 -9.55	58.69 0.58 0.00	73.89 0.92 -2.50	83.65 1.07 0.00	75.84 1.04 -5.54	75.47 0.99 -8.31	68.21 1.31 -9.92	62.81 1.48 -13.69	56.26 1.83 -11.83	58.32 2.06 -17.47

FREEPORT_EQUS_GT1 23764	34.99 0.79 0.00	31.22 0.67 0.00	30.88 0.43 0.00	29.80 0.32 0.00	30.38 0.36 0.00	34.33 0.41 0.01	42.91 0.63 2.50	45.03 0.99 5.35	43.50 1.09 3.22	40.96 1.33 -0.57	41.56 1.61 -0.71	41.76 1.80 -0.75	46.28 2.14 -1.25	51.53 2.32 -1.76	56.51 2.81 -1.60	63.40 3.25 -2.04	77.57 4.09 -3.01	84.93 4.62 2.27	73.93 3.74 -0.93	69.83 3.24 -0.42	59.65 2.68 0.01	49.35 1.71 0.01	43.66 1.07 0.01	39.76 0.97 0.01
FREEPORT___CT2 23818	34.99 0.79 0.00	31.22 0.67 0.00	30.88 0.43 0.00	29.80 0.32 0.00	30.38 0.36 0.00	34.33 0.41 0.01	42.91 0.63 2.50	45.03 0.99 5.35	43.50 1.09 3.22	40.96 1.33 -0.57	41.56 1.61 -0.71	41.76 1.80 -0.75	46.28 2.14 -1.25	51.53 2.32 -1.76	56.51 2.81 -1.60	63.40 3.25 -2.04	77.57 4.09 -3.01	84.93 4.62 2.27	73.93 3.74 -0.93	69.83 3.24 -0.42	59.65 2.68 0.01	49.35 1.71 0.01	43.66 1.07 0.01	39.76 0.97 0.01
FRESHKLS_33_KV_LOAD 356253	20.70 1.27 14.76	18.71 1.07 12.90	17.05 0.97 14.38	16.46 0.94 13.96	17.20 0.93 13.75	20.78 1.09 14.24	23.57 1.66 22.88	23.88 2.12 27.63	23.90 2.28 24.01	23.88 2.34 17.51	25.41 2.55 16.38	25.86 2.78 16.12	25.91 3.22 20.21	26.10 3.65 24.99	30.71 4.22 25.61	37.77 4.65 24.98	44.67 6.06 31.87	58.04 6.69 31.22	52.86 5.33 21.75	44.47 4.70 26.39	32.13 3.65 28.50	26.03 2.62 24.24	25.96 2.13 18.77	25.45 1.98 15.32
FULTON COGEN____ 23766	36.16 0.21 -1.76	32.11 0.18 -1.38	31.54 0.15 -0.94	30.63 0.15 -1.00	31.43 0.15 -1.26	36.30 0.17 -2.20	46.98 0.22 -1.97	51.87 0.40 -2.09	49.80 0.50 -3.67	42.95 0.55 -3.35	43.15 0.63 -3.29	43.06 0.59 -3.26	48.99 0.60 -5.49	53.92 0.66 -5.82	58.93 0.57 -6.26	64.78 0.58 -6.09	75.16 0.56 -4.12	85.74 0.74 -2.42	77.97 0.97 -7.73	74.87 1.06 -7.64	61.75 0.51 -4.25	54.14 0.38 -6.11	45.32 0.38 -2.34	41.38 0.16 -2.43
FULTON___LFGE 323630	36.08 1.88 0.00	32.19 1.65 0.00	32.10 1.64 0.00	31.10 1.62 0.00	31.70 1.68 0.00	36.00 2.07 0.00	47.69 1.48 0.00	52.50 1.58 0.00	47.86 2.24 0.00	40.13 1.45 0.37	39.76 0.98 0.46	39.77 1.06 0.49	43.61 1.20 0.49	48.53 1.66 0.57	53.48 2.03 0.65	60.26 2.96 0.81	74.16 4.30 0.62	90.64 5.69 -2.37	76.84 5.26 -2.31	73.33 4.83 -2.34	60.74 3.76 0.00	50.55 2.91 0.00	45.07 2.47 0.00	40.81 2.02 0.00
G.F.CEMENT___DRP 24184	35.29 1.09 0.00	31.52 0.98 0.00	31.43 0.97 0.00	30.45 0.97 0.00	31.01 0.99 0.00	34.98 1.05 0.00	46.26 1.48 0.00	50.97 1.58 0.00	46.81 1.19 0.00	39.30 0.82 0.58	39.14 0.63 0.73	39.22 0.78 0.76	42.41 1.23 1.26	46.90 1.23 1.77	51.89 1.41 1.61	63.10 1.98 -3.02	83.69 2.75 -10.47	116.69 3.72 -30.40	101.24 3.39 -28.58	95.13 2.91 -26.06	59.15 2.17 0.00	49.27 1.62 0.00	43.80 1.19 0.00	39.77 0.97 0.00
GARDENVILLE___LBMP 24039	35.61 0.48 -0.93	31.55 0.34 -0.67	31.07 0.27 -0.35	30.23 0.41 -0.34	30.51 0.18 -0.31	34.92 0.07 -0.92	44.50 -0.85 -0.56	48.88 -1.19 -0.68	46.95 -0.41 -1.73	40.61 0.31 -1.24	41.37 0.78 -1.35	40.98 0.43 -1.34	46.47 0.26 -3.32	51.59 0.47 -3.67	56.07 -0.05 -4.03	61.54 -1.05 -4.48	69.69 -2.26 -1.47	78.83 -3.88 -0.14	73.79 -0.83 -5.35	71.49 0.20 -5.12	56.56 -1.94 -1.52	50.22 -1.10 -3.67	43.78 0.17 -1.00	39.60 0.08 -0.73
GARDNVLA_35_KV_LD 355827	35.82 0.72 -0.90	31.74 0.55 -0.65	31.28 0.49 -0.33	30.43 0.62 -0.33	30.71 0.39 -0.30	35.12 0.31 -0.89	44.79 -0.54 -0.55	49.21 -0.84 -0.66	47.26 -0.05 -1.68	40.92 0.66 -1.20	41.68 1.14 -1.30	41.29 0.78 -1.30	46.75 0.64 -3.21	51.90 0.90 -3.55	56.41 0.42 -3.90	61.98 -0.46 -4.34	69.91 -1.62 -1.06	79.15 3.72 0.29	74.17 3.39 -5.18	71.85 2.91 -4.96	56.77 2.17 -1.21	50.48 1.62 -3.55	44.04 0.47 -0.97	39.85 0.35 -0.71
GELCKHM___115KV_LOAD 80723	36.17 -0.14 -2.11	32.05 -0.12 -1.63	31.34 -0.15 -1.04	30.43 -0.15 -1.10	31.19 -0.15 -1.33	36.27 -0.17 -2.51	46.57 -0.31 -2.10	51.42 -0.25 -2.28	49.82 -0.09 -4.29	42.87 0.08 -3.74	43.09 0.12 -3.74	42.99 0.08 -3.71	49.79 0.09 -6.81	54.74 0.00 -7.29	59.83 -0.16 -7.89	65.80 -0.29 -7.98	77.85 -0.49 -7.87	88.17 -0.58 -6.18	79.00 -0.21 -9.94	75.84 -0.07 -9.74	63.63 -0.46 -7.10	54.83 -0.38 -7.57	45.11 -0.17 -2.68	41.14 -0.27 -2.62
GENERAL___MILLS 23808	35.68 0.58 -0.90	31.65 0.46 -0.65	31.19 0.40 -0.34	30.34 0.53 -0.33	30.62 0.30 -0.30	35.03 0.20 -0.89	44.66 -0.67 -0.55	49.01 -1.04 -0.66	47.08 -0.23 -1.68	40.74 0.47 -1.21	41.49 0.94 -1.31	41.10 0.59 -1.31	46.55 0.43 -3.23	51.68 0.66 -3.57	56.17 0.16 -3.92	61.65 -0.81 -4.36	69.62 -1.97 -1.12	78.80 -3.55 0.22	73.85 -0.62 -5.20	71.55 0.40 -4.98	56.47 -1.77 -1.26	50.26 -0.95 -3.57	43.88 0.30 -0.98	39.70 0.19 -0.71
GE_PLASTICS___DRP 24183	34.16 -0.03 0.00	30.55 0.00 0.00	30.49 0.03 0.00	29.51 0.03 0.00	30.05 0.03 0.00	33.93 0.00 0.00	44.83 0.04 0.00	49.34 -0.05 0.00	45.58 -0.05 0.00	38.80 0.08 0.33	38.43 -0.39 0.42	38.41 -0.35 0.44	41.83 -0.34 0.72	46.00 -0.43 1.02	50.86 -0.31 0.93	52.75 -0.23 5.13	57.91 -0.28 12.28	57.10 -0.25 25.23	42.30 -0.48 26.49	42.30 -0.60 23.27	42.24 -0.51 14.22	42.30 -0.57 4.78	41.97 -0.64 0.00	38.25 -0.54 0.00
GILBOA___1 23756	34.44 0.24 0.00	30.76 0.22 0.00	30.76 0.30 0.00	29.80 0.32 0.00	30.35 0.33 0.00	34.17 0.24 0.00	45.19 0.40 0.00	49.83 0.44 0.00	46.08 0.46 0.00	39.60 0.55 0.00	39.75 0.51 0.00	39.75 0.55 0.00	43.54 0.64 0.00	48.20 0.76 0.00	52.98 0.88 0.00	59.15 1.05 0.00	71.81 1.34 0.00	84.06 1.49 0.00	69.82 0.55 0.00	66.63 0.47 0.00	57.44 0.45 0.00	47.98 0.34 0.00	42.90 0.30 0.00	39.10 0.31 0.00
GILBOA___2 23757	34.44 0.24 0.00	30.76 0.22 0.00	30.76 0.30 0.00	29.80 0.32 0.00	30.35 0.33 0.00	34.17 0.24 0.00	45.19 0.40 0.00	49.83 0.44 0.00	46.08 0.46 0.00	39.60 0.55 0.00	39.75 0.51 0.00	39.75 0.55 0.00	43.54 0.64 0.00	48.20 0.76 0.00	52.98 0.88 0.00	59.15 1.05 0.00	71.81 1.34 0.00	84.06 1.49 0.00	69.82 0.55 0.00	66.63 0.47 0.00	57.44 0.45 0.00	47.98 0.34 0.00	42.90 0.30 0.00	39.10 0.31 0.00
GILBOA___3 23758	34.44 0.24 0.00	30.76 0.22 0.00	30.76 0.30 0.00	29.80 0.32 0.00	30.35 0.33 0.00	34.17 0.24 0.00	45.19 0.40 0.00	49.83 0.44 0.00	46.08 0.46 0.00	39.60 0.55 0.00	39.75 0.51 0.00	39.75 0.55 0.00	43.54 0.64 0.00	48.20 0.76 0.00	52.98 0.88 0.00	59.15 1.05 0.00	71.81 1.34 0.00	84.06 1.49 0.00	69.82 0.55 0.00	66.63 0.47 0.00	57.44 0.45 0.00	47.98 0.34 0.00	42.90 0.30 0.00	39.10 0.31 0.00
GILBOA___4 23759	34.44 0.24 0.00	30.76 0.22 0.00	30.76 0.30 0.00	29.80 0.32 0.00	30.35 0.33 0.00	34.17 0.24 0.00	45.19 0.40 0.00	49.83 0.44 0.00	46.08 0.46 0.00	39.60 0.55 0.00	39.75 0.51 0.00	39.75 0.55 0.00	43.54 0.64 0.00	48.20 0.76 0.00	52.98 0.88 0.00	59.15 1.05 0.00	71.81 1.34 0.00	84.06 1.49 0.00	69.82 0.55 0.00	66.63 0.47 0.00	57.44 0.45 0.00	47.98 0.34 0.00	42.90 0.30 0.00	39.10 0.31 0.00

GILBOA____ 23599	34.44 0.24 0.00	30.76 0.21 0.00	30.79 0.34 0.00	29.80 0.32 0.00	30.35 0.33 0.00	34.17 0.24 0.00	45.14 0.36 0.00	49.79 0.40 0.00	46.04 0.41 0.00	39.56 0.51 0.00	39.71 0.47 0.00	39.71 0.51 0.00	43.49 0.60 0.00	48.15 0.71 0.00	52.98 0.89 0.00	59.15 1.05 0.00	71.81 1.34 0.00	84.06 1.49 0.00	69.82 0.55 0.00	66.63 0.46 0.00	57.44 0.46 0.00	47.98 0.33 0.00	42.90 0.30 0.00	39.07 0.27 0.00
GINNA____ 23603	33.91 -1.13 -0.84	30.14 -1.01 -0.60	29.76 -1.00 -0.31	28.67 -1.12 -0.31	29.16 -1.14 -0.28	33.47 -1.29 -0.83	43.28 -2.01 -0.51	47.98 -2.03 -0.62	45.64 -1.55 -1.57	39.21 -0.97 -1.13	39.67 -0.78 -1.22	39.44 -0.98 -1.21	44.78 -1.12 -3.00	49.53 -1.23 -3.32	54.07 -1.67 -3.64	59.72 -2.44 -4.06	66.86 -3.38 0.24	76.71 -4.13 1.74	71.41 -2.70 -4.84	68.75 -2.05 -4.63	54.53 -2.68 -0.22	48.92 -2.05 -3.32	41.81 -1.71 -0.91	37.71 -1.75 -0.66
GLEN PARK____ 23778	41.53 1.68 -5.65	37.19 1.53 -5.11	36.54 1.52 -4.57	36.16 1.47 -5.20	39.30 1.47 -7.81	45.50 1.93 -9.64	59.46 3.05 -11.63	63.98 3.46 -11.13	62.61 3.01 -13.97	57.50 2.15 -16.30	55.80 1.88 -14.68	55.50 1.77 -14.53	57.98 1.76 -13.33	61.82 1.90 -12.48	66.68 1.93 -12.65	67.15 2.62 -6.43	83.09 3.03 -9.59	95.79 4.37 -8.84	85.36 4.44 -11.66	83.99 4.50 -13.33	74.29 3.88 -13.43	65.68 2.91 -15.12	55.12 2.56 -9.96	54.48 2.05 -13.63
GLENDALE_27_KV_LOAD 356172	35.46 1.27 0.00	31.64 1.10 0.00	31.46 1.01 0.00	30.42 0.94 0.00	30.98 0.96 0.00	35.08 1.15 0.00	46.53 1.75 0.00	51.56 2.17 0.00	47.96 2.33 0.00	42.02 2.38 -0.58	42.51 2.55 -0.72	42.72 2.74 -0.77	47.33 3.17 -1.26	52.82 3.61 -1.77	57.93 4.22 -1.61	64.80 4.65 -2.05	79.49 5.99 -3.02	90.41 6.69 -1.15	75.47 5.26 -0.93	71.23 4.63 -0.43	60.57 3.59 0.00	50.17 2.53 0.00	44.69 2.09 0.00	40.74 1.94 0.00
GLENWOOD_IC_1_G5 23712	35.12 0.92 0.00	31.37 0.82 0.00	31.13 0.67 0.00	30.04 0.56 0.00	30.62 0.60 0.00	34.64 0.71 0.00	44.55 1.07 1.31	47.82 1.23 2.80	45.49 1.55 1.69	41.35 1.72 -0.58	41.92 1.96 -0.72	42.04 2.08 -0.76	46.25 2.10 -1.25	51.67 2.47 -1.76	56.72 3.02 -1.60	63.52 3.37 -2.04	77.86 4.37 -3.01	86.81 4.87 0.64	74.15 3.95 -0.93	70.03 3.44 -0.43	59.66 2.68 0.00	49.41 1.76 0.00	44.01 1.41 0.00	40.07 1.28 0.00
GLENWOOD_IC_2_G1 23688	35.12 0.92 0.00	31.34 0.79 0.00	31.10 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.68 0.75 0.00	46.02 1.21 -0.03	50.98 1.53 -0.06	47.30 1.64 -0.03	41.39 1.76 -0.58	41.92 1.96 -0.72	42.08 2.12 -0.76	46.63 2.49 -1.25	51.91 2.70 -1.77	56.88 3.18 -1.61	63.76 3.60 -2.05	78.07 4.58 -3.02	88.96 5.21 -1.19	74.36 4.16 -0.93	70.30 3.70 -0.43	59.89 2.90 0.00	49.60 1.95 0.00	44.01 1.40 0.00	40.07 1.28 0.00
GLENWOOD_IC_3_G1 23689	35.12 0.92 0.00	31.34 0.79 0.00	31.10 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.68 0.75 0.00	46.02 1.21 -0.03	50.98 1.53 -0.06	47.30 1.64 -0.03	41.39 1.76 -0.58	41.92 1.96 -0.72	42.08 2.12 -0.76	46.63 2.49 -1.25	51.91 2.70 -1.77	56.88 3.18 -1.61	63.76 3.60 -2.05	78.07 4.58 -3.02	88.96 5.21 -1.19	74.36 4.16 -0.93	70.30 3.70 -0.43	59.89 2.90 0.00	49.60 1.95 0.00	44.01 1.40 0.00	40.07 1.28 0.00
GLENWOOD____4 23550	35.12 0.92 0.00	31.37 0.82 0.00	31.13 0.67 0.00	30.04 0.56 0.00	30.62 0.60 0.00	34.64 0.71 0.00	44.55 1.07 1.31	47.87 1.28 2.80	45.49 1.55 1.69	41.35 1.72 -0.58	41.92 1.96 -0.72	42.04 2.08 -0.76	46.37 2.23 -1.25	51.77 2.56 -1.76	56.83 3.13 -1.60	63.69 3.54 -2.04	78.00 4.51 -3.01	87.05 5.12 0.64	74.28 4.09 -0.93	70.23 3.64 -0.43	59.83 2.85 0.00	49.55 1.91 0.00	44.01 1.41 0.00	40.07 1.28 0.00
GLENWOOD____5 23614	35.12 0.92 0.00	31.37 0.82 0.00	31.13 0.67 0.00	30.04 0.56 0.00	30.62 0.60 0.00	34.64 0.71 0.00	44.55 1.07 1.31	47.87 1.28 2.80	45.49 1.55 1.69	41.35 1.72 -0.58	41.92 1.96 -0.72	42.04 2.08 -0.76	46.37 2.23 -1.25	51.77 2.56 -1.76	56.83 3.13 -1.60	63.69 3.54 -2.04	78.00 4.51 -3.01	87.05 5.12 0.64	74.28 4.09 -0.93	70.23 3.64 -0.43	59.83 2.85 0.00	49.55 1.91 0.00	44.01 1.41 0.00	40.07 1.28 0.00
GLOBAL GREEN_PORT_GT1 23814	35.36 1.16 0.00	31.43 0.89 0.00	30.97 0.52 0.00	29.77 0.29 0.00	30.38 0.36 0.00	34.26 0.34 0.01	41.57 0.36 3.57	42.45 0.69 7.63	41.67 0.64 4.60	40.76 1.13 -0.57	41.48 1.53 -0.71	41.57 1.61 -0.75	45.94 1.80 -1.25	50.96 1.76 -1.76	56.15 2.45 -1.60	62.88 2.73 -2.04	77.43 3.94 -3.01	83.31 4.46 3.72	73.86 3.67 -0.93	69.70 3.11 -0.42	59.02 2.05 0.01	48.88 1.24 0.01	42.90 0.30 0.01	39.60 0.82 0.01
GLOBE____DSASP 323697	35.21 0.14 -0.88	31.24 0.06 -0.63	30.78 0.00 -0.33	30.07 0.27 -0.32	30.25 -0.06 -0.29	34.42 -0.37 -0.87	43.03 -2.28 -0.53	47.27 -2.77 -0.64	45.48 -1.78 -1.63	39.45 -0.78 -1.17	40.12 -0.39 -1.27	39.84 -0.63 -1.27	45.08 -0.94 -3.13	49.91 -1.00 -3.46	54.13 -1.77 -3.80	59.31 -3.02 -4.23	66.31 -4.86 -0.70	74.96 -6.94 0.67	70.64 -3.67 -5.05	68.68 -2.32 -4.83	53.87 -4.05 -0.94	48.49 -2.62 -3.46	42.44 -1.11 -0.95	38.94 -0.54 -0.69
GOETHSLN____LBMP 323567	20.35 0.92 14.77	18.43 0.79 12.91	16.77 0.70 14.38	16.19 0.68 13.97	16.92 0.66 13.76	20.53 0.85 14.25	23.24 1.34 22.89	23.49 1.73 27.63	23.49 1.87 24.00	23.50 1.95 17.51	24.91 2.04 16.37	25.28 2.20 16.12	25.23 2.53 20.20	25.35 2.89 24.99	29.94 3.44 25.60	37.01 3.89 24.99	43.60 5.00 31.88	56.96 5.62 31.23	51.95 4.43 21.75	43.67 3.90 26.40	31.55 3.08 28.51	25.50 2.10 24.25	25.44 1.62 18.78	24.90 1.44 15.33
GOLAH____69_KV_TB 1_2 80279	35.79 0.72 -0.87	31.78 0.61 -0.63	31.33 0.55 -0.32	30.27 0.47 -0.32	30.76 0.45 -0.29	35.30 0.51 -0.86	45.31 0.00 -0.53	49.98 -0.05 -0.64	47.66 0.41 -1.62	41.12 0.90 -1.16	41.67 1.18 -1.26	41.48 1.02 -1.25	46.90 0.90 -3.10	51.78 0.90 -3.43	56.49 0.63 -3.77	62.24 -0.06 -4.19	69.96 -0.63 -0.12	80.09 -1.16 1.33	74.62 0.35 -5.00	72.08 1.12 -4.79	57.22 -0.28 -0.52	51.08 0.00 -3.43	44.01 0.47 -0.94	39.75 0.27 -0.68
GOODYEAR_LAKE_HYD 323669	35.65 0.99 -0.46	31.76 0.89 -0.33	31.54 0.91 -0.17	30.53 0.88 -0.17	31.07 0.90 -0.15	35.50 1.12 -0.45	46.68 1.61 -0.28	51.55 1.83 -0.33	48.21 1.73 -0.85	41.19 1.52 -0.61	41.39 1.49 -0.66	41.35 1.49 -0.66	46.15 1.63 -1.63	51.09 1.85 -1.80	56.10 2.03 -1.97	62.74 2.44 -2.20	76.19 3.03 -2.68	88.56 3.63 -2.35	75.01 3.12 -2.62	71.65 2.98 -2.51	61.41 2.28 -2.15	51.07 1.62 -1.80	44.59 1.49 -0.49	40.39 1.24 -0.36
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.65 0.34 -1.11	31.62 0.27 -0.80	31.11 0.24 -0.41	30.15 0.27 -0.41	30.63 0.24 -0.37	35.30 0.27 -1.10	45.77 0.31 -0.67	50.45 0.25 -0.81	48.15 0.46 -2.06	41.13 0.59 -1.48	41.55 0.71 -1.61	41.39 0.59 -1.60	47.45 0.60 -3.96	52.58 0.76 -4.38	57.58 0.68 -4.80	64.03 0.58 -5.35	76.33 0.42 -5.43	87.35 0.33 -4.45	76.62 0.97 -6.38	73.40 1.12 -6.10	61.66 0.23 -4.45	52.26 0.24 -4.37	44.27 0.47 -1.20	39.97 0.31 -0.87

GOUDEY___7 23579	35.65 0.34 -1.11	31.62 0.27 -0.80	31.11 0.24 -0.41	30.15 0.27 -0.41	30.63 0.24 -0.37	35.30 0.27 -1.10	45.77 0.31 -0.67	50.45 0.25 -0.81	48.15 0.46 -2.06	41.13 0.59 -1.48	41.55 0.71 -1.61	41.39 0.59 -1.60	47.45 0.60 -3.96	52.58 0.76 -4.38	57.58 0.68 -4.80	64.03 0.58 -5.35	76.33 0.42 -5.43	87.35 0.33 -4.45	76.62 0.97 -6.38	73.40 1.12 -6.10	61.66 0.23 -4.45	52.26 0.24 -4.37	44.27 0.47 -1.20	39.97 0.31 -0.87
GOUDEY___8 23580	35.65 0.34 -1.11	31.62 0.27 -0.80	31.11 0.24 -0.41	30.15 0.27 -0.41	30.63 0.24 -0.37	35.30 0.27 -1.10	45.77 0.31 -0.67	50.45 0.25 -0.81	48.15 0.46 -2.06	41.13 0.59 -1.48	41.55 0.71 -1.61	41.39 0.59 -1.60	47.45 0.60 -3.96	52.58 0.76 -4.38	57.58 0.68 -4.80	64.03 0.58 -5.35	76.33 0.42 -5.43	87.35 0.33 -4.45	76.62 0.97 -6.38	73.40 1.12 -6.10	61.66 0.23 -4.45	52.26 0.24 -4.37	44.27 0.47 -1.20	39.97 0.31 -0.87
GOWANUS_GT1_1 24077	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT1_2 24078	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT1_3 24079	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT1_4 24080	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT1_5 24084	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT1_6 24111	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT1_7 24112	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT1_8 24113	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT2_1 24114	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT2_2 24115	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT2_3 24116	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT2_4 24117	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT2_5 24118	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00

GOWANUS_GT2_6 24119	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT2_7 24120	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT2_8 24121	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT3_1 24122	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT3_2 24123	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT3_3 24124	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT3_4 24125	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT3_5 24126	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT3_6 24127	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT3_7 24128	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT3_8 24129	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT4_1 24130	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT4_2 24131	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT4_3 24132	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT4_4 24133	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00

GOWANUS_GT4_5 24134	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT4_6 24135	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT4_7 24136	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GOWANUS_GT4_8 24137	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GREATVR_69_KV_BK1 356245	35.33 1.13 0.00	31.46 0.92 0.00	31.09 0.64 0.00	29.92 0.44 0.00	30.53 0.51 0.00	34.47 0.54 0.01	42.13 0.81 3.46	43.18 1.19 7.39	42.41 1.23 4.45	41.23 1.60 -0.57	41.84 1.88 -0.71	41.92 1.96 -0.75	46.41 2.27 -1.25	51.67 2.47 -1.76	56.98 3.28 -1.60	63.63 3.49 -2.04	77.99 4.51 -3.01	84.29 5.28 3.57	74.63 4.43 -0.93	70.43 3.84 -0.42	60.17 3.19 0.01	49.88 2.24 0.01	43.92 1.32 0.01	40.18 1.40 0.01
GREENBSH_115KV_TB3 55895	33.92 -0.27 0.00	30.33 -0.21 0.00	30.24 -0.21 0.00	29.27 -0.21 0.00	29.87 -0.15 0.00	33.69 -0.24 0.00	44.56 -0.22 0.00	48.99 -0.40 0.00	45.31 -0.32 0.00	38.39 -0.20 0.47	38.22 -0.43 0.59	38.19 -0.39 0.62	41.44 -0.43 1.02	45.62 -0.38 1.44	50.52 -0.26 1.31	50.15 -0.23 7.73	51.63 -0.21 18.63	43.90 -0.08 38.60	32.93 -0.35 35.99	33.68 -0.53 31.96	56.58 -0.40 0.00	47.17 -0.48 0.00	41.97 -0.64 0.00	38.29 -0.50 0.00
GREENDGE_115KV_TB5 80291	36.50 0.92 -1.38	32.36 0.82 -0.99	31.73 0.76 -0.51	30.72 0.74 -0.51	31.17 0.69 -0.46	36.25 0.95 -1.37	46.47 0.85 -0.84	51.39 0.99 -1.01	49.34 1.14 -2.57	42.08 1.17 -1.85	42.61 1.37 -2.00	42.34 1.14 -1.99	48.98 1.16 -4.93	54.27 1.38 -5.46	59.28 1.20 -5.99	65.81 1.05 -6.66	77.63 0.70 -6.45	87.92 0.17 -5.18	79.23 2.01 -7.95	76.36 2.58 -7.61	63.33 1.03 -5.32	53.96 0.86 -5.45	45.20 1.11 -1.49	40.58 0.70 -1.08
GREENIDGE___3 23582	36.50 0.92 -1.38	32.36 0.82 -0.99	31.73 0.76 -0.51	30.72 0.74 -0.51	31.17 0.69 -0.46	36.25 0.95 -1.37	46.47 0.85 -0.84	51.39 0.99 -1.01	49.34 1.14 -2.57	42.08 1.17 -1.85	42.61 1.37 -2.00	42.34 1.14 -1.99	48.98 1.16 -4.93	54.27 1.38 -5.46	59.28 1.20 -5.99	65.81 1.05 -6.66	77.63 0.70 -6.45	87.92 0.17 -5.18	79.23 2.01 -7.95	76.36 2.58 -7.61	63.33 1.03 -5.32	53.96 0.86 -5.45	45.20 1.11 -1.49	40.58 0.70 -1.08
GREENIDGE___4 23583	36.47 0.89 -1.38	32.33 0.79 -0.99	31.76 0.79 -0.51	30.73 0.74 -0.51	31.17 0.69 -0.46	36.21 0.92 -1.37	46.47 0.85 -0.84	51.54 1.14 -1.01	49.48 1.28 -2.57	42.12 1.21 -1.85	42.58 1.33 -2.00	42.18 0.98 -1.99	48.90 1.07 -4.93	54.32 1.42 -5.46	59.33 1.25 -5.99	65.82 1.05 -6.66	77.67 0.70 -6.49	87.84 0.08 -5.18	79.16 1.94 -7.95	76.29 2.51 -7.61	63.33 1.03 -5.32	54.00 0.90 -5.45	45.20 1.11 -1.49	40.96 1.08 -1.08
GREENLWN_69_KV_BK 3 55738	34.61 0.41 0.00	30.88 0.34 0.00	30.58 0.12 0.00	29.45 -0.03 0.00	30.05 0.03 0.00	33.92 0.00 0.01	41.16 -0.13 3.49	41.98 0.05 7.46	41.36 0.23 4.49	40.41 0.78 -0.57	40.82 0.86 -0.71	40.86 0.90 -0.75	45.21 1.07 -1.25	50.44 1.23 -1.76	55.52 1.82 -1.60	62.12 1.98 -2.04	76.23 2.75 -3.01	82.02 3.06 3.61	72.69 2.49 -0.93	68.57 1.98 -0.42	58.51 1.54 0.01	48.40 0.76 0.01	42.72 0.13 0.01	39.21 0.43 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00
GRISSOM___SOLAR 323813	35.91 1.71 0.00	32.07 1.53 0.00	31.98 1.52 0.00	30.98 1.50 0.00	31.55 1.53 0.00	35.79 1.86 0.00	47.43 2.64 0.00	52.20 2.81 0.00	47.59 1.96 0.00	39.89 1.21 0.38	39.47 0.71 0.47	39.45 0.74 0.50	43.32 0.86 0.43	48.26 1.28 0.47	53.18 1.67 0.59	59.93 2.55 0.73	73.99 3.87 0.36	90.84 5.21 -3.06	77.07 4.85 -2.96	73.53 4.43 -2.93	60.46 3.48 0.00	50.31 2.67 0.00	44.86 2.26 0.00	40.66 1.86 0.00
GROVEVILLE___HYD 323602	35.19 0.99 0.00	31.43 0.89 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.91 0.98 0.00	46.22 1.43 0.00	50.97 1.58 0.00	47.18 1.55 0.00	41.14 1.64 -0.44	41.40 1.61 -0.55	41.40 1.61 -0.58	45.83 1.97 -0.96	51.12 2.32 -1.36	56.09 2.76 -1.23	62.70 3.02 -1.57	76.81 4.02 -2.32	88.00 4.54 -0.88	73.52 3.53 -0.72	69.81 3.31 -0.33	59.72 2.74 0.00	49.55 1.91 0.00	44.05 1.45 0.00	40.08 1.28 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.80 0.03 -2.57	32.52 0.03 -1.95	31.64 0.00 -1.18	30.71 0.00 -1.23	31.43 0.00 -1.41	36.84 0.00 -2.91	47.01 -0.04 -2.27	52.02 0.10 -2.53	50.92 0.18 -5.11	43.62 0.31 -4.25	43.96 0.39 -4.33	43.86 0.35 -4.31	51.79 0.34 -8.55	56.83 0.14 -9.25	62.05 -0.10 -10.05	68.47 -0.12 -10.48	83.02 -0.35 -12.90	93.37 -0.41 -11.21	82.14 0.00 -12.87	78.76 0.07 -12.52	67.61 -0.28 -10.92	56.90 -0.24 -9.49	45.82 0.09 -3.13	41.63 -0.04 -2.87
HAMLTNNY_34_KV_TB 80303	36.91 0.24 -2.48	32.62 0.21 -1.87	31.76 0.18 -1.12	30.79 0.15 -1.16	31.48 0.15 -1.31	36.91 0.20 -2.77	46.25 0.18 -1.28	51.29 0.35 -1.56	50.05 0.46 -3.96	42.49 0.59 -2.85	42.99 0.67 -3.08	42.90 0.63 -3.07	51.13 0.64 -7.60	56.51 0.66 -8.40	61.84 0.52 -9.22	68.77 0.41 -10.26	83.23 0.28 -12.47	93.80 0.25 -10.98	82.20 0.69 -12.24	78.74 0.86 -11.72	67.25 0.23 -10.04	56.23 0.19 -8.39	45.24 0.34 -2.29	40.62 0.16 -1.67

HAMPSHIRE___PAPER_HYD 323593	47.07 1.06 -11.81	42.72 0.95 -11.23	42.21 0.95 -10.81	42.90 0.94 -12.48	50.34 0.96 -19.36	57.37 1.22 -22.22	75.16 1.88 -28.49	78.27 2.07 -26.80	78.23 1.69 -30.91	78.71 1.17 -38.48	74.20 1.02 -33.95	73.75 0.98 -33.57	68.16 0.94 -24.32	69.39 0.95 -21.00	73.44 0.99 -20.36	62.04 1.16 -2.77	79.77 1.20 -8.10	92.19 1.56 -8.05	84.45 1.52 -13.66	86.46 1.59 -18.71	79.96 1.71 -21.27	77.24 1.71 -27.88	67.06 1.71 -22.75	73.45 1.51 -33.14
HARDSCRABBLE_WT_PWR 323673	34.52 -0.07 -0.39	30.89 -0.03 -0.38	30.79 -0.03 -0.37	29.88 -0.03 -0.43	30.63 -0.06 -0.67	34.75 0.07 -0.75	46.12 0.32 -1.02	50.53 0.20 -0.94	46.92 0.23 -1.07	40.60 0.20 -1.35	40.66 0.24 -1.18	40.61 0.24 -1.17	43.91 0.22 -0.80	48.35 0.24 -0.67	52.89 0.16 -0.64	58.52 0.41 0.00	71.20 0.56 -0.17	83.25 0.50 -0.18	70.19 0.55 -0.37	67.25 0.53 -0.56	58.05 0.40 -0.66	48.71 0.14 -0.92	43.48 0.09 -0.79	40.00 0.04 -1.17
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.05 0.85 0.00	31.28 0.73 0.00	31.13 0.67 0.00	30.13 0.65 0.00	30.68 0.66 0.00	34.74 0.81 0.00	46.04 1.25 0.00	50.82 1.43 0.00	47.09 1.46 0.00	41.12 1.56 -0.51	41.44 1.57 -0.63	41.48 1.61 -0.67	45.92 1.93 -1.10	51.26 2.28 -1.54	56.21 2.71 -1.41	62.86 2.96 -1.79	76.99 3.88 -2.64	88.04 4.46 -1.00	73.55 3.46 -0.82	69.72 3.18 -0.38	59.55 2.56 0.00	49.41 1.76 0.00	43.97 1.36 0.00	39.96 1.16 0.00
HARSNRAD_115KV_TB1 81005	35.43 0.34 -0.89	31.40 0.21 -0.64	30.94 0.15 -0.33	30.10 0.29 -0.33	30.38 0.06 -0.30	34.67 -0.14 -0.87	43.98 -1.34 -0.54	48.36 -1.68 -0.65	46.41 -0.87 -1.65	40.28 0.04 -1.18	40.95 0.43 -1.28	40.64 0.16 -1.28	45.97 -0.09 -3.16	50.94 0.00 -3.50	55.31 -0.63 -3.84	60.63 -1.74 -4.27	67.97 -3.24 -0.73	76.89 -5.04 0.64	72.42 -1.94 -5.10	70.38 -0.66 -4.88	55.27 -2.68 -0.97	49.52 -1.62 -3.49	43.30 -0.26 -0.95	39.18 -0.31 -0.69
HARZA MOOSE___RIVER 24016	38.91 0.99 -3.72	34.87 0.89 -3.44	34.52 0.88 -3.19	33.99 0.85 -3.65	36.46 0.87 -5.57	41.72 1.15 -6.64	54.93 1.84 -8.31	59.39 2.12 -7.88	56.99 1.87 -9.49	51.89 1.41 -11.43	50.72 1.29 -10.19	50.50 1.22 -10.08	52.45 1.24 -8.31	56.29 1.33 -7.52	61.00 1.41 -7.49	62.62 1.80 -2.71	77.11 2.11 -4.52	88.36 2.89 -2.90	78.13 2.70 -6.16	76.37 2.71 -7.49	67.16 2.28 -7.90	58.83 1.72 -9.47	51.01 1.53 -6.87	49.77 1.28 -9.70
HDSNBRDG_115KV_BRDG_TB1 355580	36.01 -0.14 -1.95	31.94 -0.12 -1.52	31.29 -0.15 -0.99	30.38 -0.15 -1.05	31.12 -0.18 -1.28	36.09 -0.20 -2.36	46.45 -0.36 -2.02	51.28 -0.30 -2.18	49.50 -0.14 -4.01	42.65 0.04 -3.56	42.89 0.12 -3.53	42.79 0.08 -3.51	49.19 0.04 -6.25	54.16 0.05 -6.67	59.20 -0.10 -7.21	65.13 -0.17 -7.20	76.69 -0.42 -6.64	87.05 -0.50 -4.98	78.15 -0.14 -9.02	75.03 0.00 -8.87	62.71 -0.40 -6.13	54.26 -0.33 -6.95	44.92 -0.21 -2.52	41.01 -0.31 -2.52
HELLGATE_13_KV_LD 55870	35.50 1.30 0.00	31.68 1.13 0.00	31.49 1.04 0.00	30.46 0.97 0.00	31.01 0.99 0.00	35.08 1.15 0.00	46.53 1.75 0.00	51.56 2.17 0.00	47.91 2.28 0.00	41.98 2.34 -0.58	42.47 2.51 -0.72	42.72 2.74 -0.77	47.33 3.17 -1.26	52.82 3.61 -1.77	57.93 4.22 -1.61	64.80 4.65 -2.05	79.42 5.92 -3.02	90.33 6.61 -1.15	75.40 5.20 -0.93	71.16 4.57 -0.43	60.51 3.53 0.00	50.13 2.48 0.00	44.74 2.13 0.00	40.74 1.94 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.50 1.30 0.00	31.68 1.13 0.00	31.49 1.04 0.00	30.46 0.97 0.00	31.01 0.99 0.00	35.08 1.15 0.00	46.53 1.75 0.00	51.56 2.17 0.00	47.91 2.28 0.00	41.98 2.34 -0.58	42.47 2.51 -0.72	42.72 2.74 -0.77	47.33 3.17 -1.26	52.82 3.61 -1.77	57.93 4.22 -1.61	64.80 4.65 -2.05	79.42 5.92 -3.02	90.33 6.61 -1.15	75.40 5.20 -0.93	71.16 4.57 -0.43	60.51 3.53 0.00	50.13 2.48 0.00	44.74 2.13 0.00	40.74 1.94 0.00
HEMPSTEAD____ 23647	34.85 0.65 0.00	31.10 0.55 0.00	30.79 0.34 0.00	29.71 0.23 0.00	30.29 0.27 0.00	34.23 0.30 0.01	43.35 0.58 2.02	45.97 0.89 4.31	44.03 1.00 2.60	40.92 1.29 -0.57	41.52 1.57 -0.72	41.68 1.72 -0.76	46.16 2.02 -1.25	51.39 2.18 -1.76	56.36 2.66 -1.60	63.17 3.02 -2.04	77.43 3.94 -3.01	85.43 4.46 1.60	73.73 3.53 -0.93	69.64 3.05 -0.42	59.37 2.39 0.01	49.12 1.48 0.01	43.53 0.94 0.01	39.64 0.85 0.01
HICKLING___1 23621	35.91 0.55 -1.17	31.84 0.46 -0.84	31.25 0.37 -0.43	30.32 0.41 -0.43	30.74 0.33 -0.39	35.56 0.48 -1.15	45.90 0.40 -0.71	50.54 0.30 -0.85	48.44 0.64 -2.17	41.48 0.86 -1.56	42.07 1.14 -1.69	41.75 0.86 -1.69	47.96 0.90 -4.17	53.24 1.19 -4.61	58.04 0.89 -5.06	64.32 0.58 -5.63	75.66 0.14 -5.05	86.14 -0.33 -3.90	77.30 1.32 -6.72	74.38 1.79 -6.43	61.35 0.17 -4.20	52.54 0.29 -4.61	44.72 0.85 -1.26	40.25 0.54 -0.92
HICKLING___2 23622	35.91 0.55 -1.17	31.84 0.46 -0.84	31.25 0.37 -0.43	30.32 0.41 -0.43	30.74 0.33 -0.39	35.56 0.48 -1.15	45.90 0.40 -0.71	50.54 0.30 -0.85	48.44 0.64 -2.17	41.48 0.86 -1.56	42.07 1.14 -1.69	41.75 0.86 -1.69	47.96 0.90 -4.17	53.24 1.19 -4.61	58.04 0.89 -5.06	64.32 0.58 -5.63	75.66 0.14 -5.05	86.14 -0.33 -3.90	77.30 1.32 -6.72	74.38 1.79 -6.43	61.35 0.17 -4.20	52.54 0.29 -4.61	44.72 0.85 -1.26	40.25 0.54 -0.92
HIGH FALLS___HY 23754	35.16 0.96 0.00	31.40 0.86 0.00	31.28 0.82 0.00	30.28 0.80 0.00	30.80 0.78 0.00	34.88 0.95 0.00	46.22 1.43 0.00	51.02 1.63 0.00	47.23 1.60 0.00	41.01 1.64 -0.31	41.28 1.65 -0.39	41.22 1.61 -0.41	45.50 1.93 -0.68	50.82 2.42 -0.96	55.84 2.87 -0.87	61.97 3.14 -0.73	75.31 4.23 -0.61	85.67 4.87 1.78	71.01 3.74 2.00	67.74 3.57 2.00	58.67 2.96 1.28	49.27 2.05 0.43	44.31 1.70 0.00	40.27 1.47 0.00
HIGH_RIVER___SOLAR 323847	35.15 0.96 0.00	31.40 0.85 0.00	31.31 0.85 0.00	30.30 0.82 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.26 1.48 0.00	50.92 1.53 0.00	46.72 1.09 0.00	39.36 0.70 0.40	39.17 0.43 0.50	39.22 0.55 0.53	42.75 0.73 0.87	47.21 1.00 1.23	52.18 1.20 1.12	58.31 1.62 1.42	70.77 2.40 2.10	84.91 3.14 0.80	71.46 2.84 0.65	68.44 2.58 0.30	58.98 1.99 0.00	49.13 1.48 0.00	43.80 1.19 0.00	39.80 1.01 0.00
HILLBURN___GT 23639	35.05 0.86 0.00	31.28 0.73 0.00	31.10 0.64 0.00	30.10 0.62 0.00	30.65 0.63 0.00	34.74 0.81 0.00	46.13 1.34 0.00	51.02 1.63 0.00	47.32 1.69 0.00	41.30 1.72 -0.52	41.70 1.81 -0.65	41.81 1.92 -0.69	46.30 2.27 -1.13	51.55 2.51 -1.60	56.47 2.92 -1.45	63.21 3.25 -1.85	77.43 4.23 -2.72	88.40 4.79 -1.04	73.92 3.81 -0.84	70.06 3.50 -0.39	59.66 2.68 0.00	49.46 1.81 0.00	44.05 1.45 0.00	40.04 1.24 0.00
HILLSIDE_115KV_TB1 80332	35.50 0.14 -1.16	31.47 0.09 -0.84	30.89 0.00 -0.43	29.97 0.06 -0.43	30.41 0.00 -0.39	35.11 0.03 -1.15	45.36 -0.13 -0.71	49.90 -0.35 -0.85	47.84 0.05 -2.17	40.93 0.31 -1.56	41.44 0.51 -1.69	41.16 0.27 -1.68	47.31 0.26 -4.16	52.52 0.47 -4.60	57.35 0.21 -5.05	63.49 -0.23 -5.62	74.84 -0.78 -5.15	85.27 -1.32 -4.02	76.32 0.35 -6.70	73.38 0.79 -6.41	60.63 -0.63 -4.27	51.91 -0.33 -4.60	44.12 0.26 -1.26	39.71 0.00 -0.91

HISHELDN_WT_PWR 323625	35.37 0.21 -0.97	31.43 0.18 -0.70	31.06 0.24 -0.36	30.10 0.26 -0.36	30.40 0.06 -0.32	34.85 -0.03 -0.96	44.61 -0.76 -0.59	49.21 -0.89 -0.71	47.30 -0.14 -1.81	40.63 0.28 -1.30	41.23 0.59 -1.41	40.60 0.00 -1.40	46.40 0.04 -3.46	51.65 0.38 -3.83	56.30 0.00 -4.20	61.80 -0.99 -4.68	70.43 -2.11 -2.07	79.84 -3.46 -0.73	74.23 -0.62 -5.58	71.64 0.13 -5.34	57.33 -1.60 -1.94	50.71 -0.76 -3.83	43.86 0.21 -1.05	39.71 0.16 -0.76
HOLTSVILLE_IC_1 23690	34.81 0.62 0.00	31.00 0.46 0.00	30.64 0.18 0.00	29.51 0.03 0.00	30.11 0.09 0.00	33.99 0.07 0.01	41.39 0.18 3.58	42.24 0.49 7.65	41.61 0.59 4.61	40.64 1.01 -0.57	41.25 1.29 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.72 1.52 -1.76	55.79 2.09 -1.60	62.41 2.26 -2.04	76.66 3.17 -3.01	82.47 3.63 3.73	73.10 2.91 -0.93	69.04 2.45 -0.42	58.80 1.82 0.01	48.78 1.14 0.01	43.07 0.47 0.01	39.49 0.70 0.01
HOLTSVILLE_IC_10 23699	34.95 0.75 0.00	31.12 0.58 0.00	30.73 0.27 0.00	29.60 0.12 0.00	30.20 0.18 0.00	34.13 0.20 0.01	41.59 0.36 3.55	42.49 0.69 7.59	41.83 0.77 4.57	40.84 1.21 -0.57	41.48 1.53 -0.71	41.60 1.65 -0.75	45.98 1.84 -1.25	50.96 1.76 -1.76	56.10 2.40 -1.60	62.70 2.55 -2.04	77.08 3.59 -3.01	83.09 4.21 3.69	73.59 3.39 -0.93	69.50 2.91 -0.42	59.14 2.16 0.01	49.07 1.43 0.01	43.32 0.72 0.01	39.68 0.89 0.01
HOLTSVILLE_IC_2 23691	34.81 0.62 0.00	31.00 0.46 0.00	30.64 0.18 0.00	29.51 0.03 0.00	30.11 0.09 0.00	33.99 0.07 0.01	41.39 0.18 3.58	42.24 0.49 7.65	41.61 0.59 4.61	40.64 1.01 -0.57	41.25 1.29 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.72 1.52 -1.76	55.79 2.09 -1.60	62.41 2.26 -2.04	76.66 3.17 -3.01	82.47 3.63 3.73	73.10 2.91 -0.93	69.04 2.45 -0.42	58.80 1.82 0.01	48.78 1.14 0.01	43.07 0.47 0.01	39.49 0.70 0.01
HOLTSVILLE_IC_3 23692	34.81 0.62 0.00	31.00 0.46 0.00	30.64 0.18 0.00	29.51 0.03 0.00	30.11 0.09 0.00	33.99 0.07 0.01	41.39 0.18 3.58	42.24 0.49 7.65	41.61 0.59 4.61	40.64 1.01 -0.57	41.25 1.29 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.72 1.52 -1.76	55.79 2.09 -1.60	62.41 2.26 -2.04	76.66 3.17 -3.01	82.47 3.63 3.73	73.10 2.91 -0.93	69.04 2.45 -0.42	58.80 1.82 0.01	48.78 1.14 0.01	43.07 0.47 0.01	39.49 0.70 0.01
HOLTSVILLE_IC_4 23693	34.81 0.62 0.00	31.00 0.46 0.00	30.64 0.18 0.00	29.51 0.03 0.00	30.11 0.09 0.00	33.99 0.07 0.01	41.39 0.18 3.58	42.24 0.49 7.65	41.61 0.59 4.61	40.64 1.01 -0.57	41.25 1.29 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.72 1.52 -1.76	55.79 2.09 -1.60	62.41 2.26 -2.04	76.66 3.17 -3.01	82.47 3.63 3.73	73.10 2.91 -0.93	69.04 2.45 -0.42	58.80 1.82 0.01	48.78 1.14 0.01	43.07 0.47 0.01	39.49 0.70 0.01
HOLTSVILLE_IC_5 23694	34.81 0.62 0.00	31.00 0.46 0.00	30.64 0.18 0.00	29.51 0.03 0.00	30.11 0.09 0.00	33.99 0.07 0.01	41.39 0.18 3.58	42.24 0.49 7.65	41.61 0.59 4.61	40.64 1.01 -0.57	41.25 1.29 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.72 1.52 -1.76	55.79 2.09 -1.60	62.41 2.26 -2.04	76.66 3.17 -3.01	82.47 3.63 3.73	73.10 2.91 -0.93	69.04 2.45 -0.42	58.80 1.82 0.01	48.78 1.14 0.01	43.07 0.47 0.01	39.49 0.70 0.01
HOLTSVILLE_IC_6 23695	34.95 0.75 0.00	31.12 0.58 0.00	30.73 0.27 0.00	29.60 0.12 0.00	30.20 0.18 0.00	34.13 0.20 0.01	41.59 0.36 3.55	42.49 0.69 7.59	41.83 0.77 4.57	40.84 1.21 -0.57	41.48 1.53 -0.71	41.60 1.65 -0.75	45.98 1.84 -1.25	50.96 1.76 -1.76	56.10 2.40 -1.60	62.70 2.55 -2.04	77.08 3.59 -3.01	83.09 4.21 3.69	73.59 3.39 -0.93	69.50 2.91 -0.42	59.14 2.16 0.01	49.07 1.43 0.01	43.32 0.72 0.01	39.68 0.89 0.01
HOLTSVILLE_IC_7 23696	34.95 0.75 0.00	31.12 0.58 0.00	30.73 0.27 0.00	29.60 0.12 0.00	30.20 0.18 0.00	34.13 0.20 0.01	41.59 0.36 3.55	42.49 0.69 7.59	41.83 0.77 4.57	40.84 1.21 -0.57	41.48 1.53 -0.71	41.60 1.65 -0.75	45.98 1.84 -1.25	50.96 1.76 -1.76	56.10 2.40 -1.60	62.70 2.55 -2.04	77.08 3.59 -3.01	83.09 4.21 3.69	73.59 3.39 -0.93	69.50 2.91 -0.42	59.14 2.16 0.01	49.07 1.43 0.01	43.32 0.72 0.01	39.68 0.89 0.01
HOLTSVILLE_IC_8 23697	34.95 0.75 0.00	31.12 0.58 0.00	30.73 0.27 0.00	29.60 0.12 0.00	30.20 0.18 0.00	34.13 0.20 0.01	41.59 0.36 3.55	42.49 0.69 7.59	41.83 0.77 4.57	40.84 1.21 -0.57	41.48 1.53 -0.71	41.60 1.65 -0.75	45.98 1.84 -1.25	50.96 1.76 -1.76	56.10 2.40 -1.60	62.70 2.55 -2.04	77.08 3.59 -3.01	83.09 4.21 3.69	73.59 3.39 -0.93	69.50 2.91 -0.42	59.14 2.16 0.01	49.07 1.43 0.01	43.32 0.72 0.01	39.68 0.89 0.01
HOLTSVILLE_IC_9 23698	34.95 0.75 0.00	31.12 0.58 0.00	30.73 0.27 0.00	29.60 0.12 0.00	30.20 0.18 0.00	34.13 0.20 0.01	41.59 0.36 3.55	42.49 0.69 7.59	41.83 0.77 4.57	40.84 1.21 -0.57	41.48 1.53 -0.71	41.60 1.65 -0.75	45.98 1.84 -1.25	50.96 1.76 -1.76	56.10 2.40 -1.60	62.70 2.55 -2.04	77.08 3.59 -3.01	83.09 4.21 3.69	73.59 3.39 -0.93	69.50 2.91 -0.42	59.14 2.16 0.01	49.07 1.43 0.01	43.32 0.72 0.01	39.68 0.89 0.01
HOMER_HL_115KV_TB2 355744	35.40 0.27 -0.93	31.40 0.18 -0.67	30.86 0.06 -0.34	30.03 0.21 -0.34	30.36 0.03 -0.31	34.95 0.10 -0.92	45.08 -0.27 -0.56	49.23 -0.84 -0.68	47.13 -0.23 -1.73	40.53 0.23 -1.24	41.25 0.67 -1.34	40.82 0.27 -1.34	46.38 0.17 -3.31	51.58 0.47 -3.66	56.06 -0.05 -4.02	61.71 -0.87 -4.47	70.19 -1.83 -1.55	79.59 -3.22 -0.24	74.60 0.00 -5.34	72.00 0.73 -5.11	56.96 -1.60 -1.58	50.31 -1.00 -3.66	43.82 0.21 -1.00	39.56 0.04 -0.73
HOWARD_WT_PWR 323690	35.46 0.10 -1.16	31.50 0.12 -0.84	31.07 0.18 -0.43	30.06 0.15 -0.43	30.44 0.03 -0.39	35.22 0.14 -1.15	45.36 -0.13 -0.71	50.19 -0.05 -0.85	48.25 0.46 -2.17	41.35 0.74 -1.56	42.14 1.22 -1.69	41.59 0.71 -1.68	47.95 0.90 -4.16	53.32 1.28 -4.60	58.18 1.04 -5.04	64.18 0.46 -5.61	74.91 -0.07 -4.51	85.07 -0.74 -3.24	77.42 1.46 -6.70	74.56 1.98 -6.41	60.83 0.06 -3.79	52.81 0.57 -4.59	44.97 1.11 -1.25	40.60 0.89 -0.91
HQ_GEN_CEDARS 23644	57.84 0.62 -23.02	53.24 0.55 -22.15	52.71 0.55 -21.70	55.16 0.56 -25.12	69.85 0.57 -39.26	78.94 0.64 -44.37	114.03 0.81 -68.43	114.46 0.89 -64.18	118.82 0.59 -72.59	131.08 0.27 -91.75	120.06 0.27 -80.55	119.12 0.27 -79.64	97.32 0.26 -54.17	93.20 0.19 -45.57	95.72 0.16 -43.46	58.16 0.06 0.00	81.97 0.14 -11.36	82.74 0.17 0.00	94.60 0.14 -25.19	104.18 0.20 -37.82	102.75 0.63 -45.14	110.72 0.76 -62.31	97.24 0.81 -53.83	119.14 0.81 -79.53
HQ_GEN_CEDARS_PROXY 323590	57.84 0.62 -23.02	53.24 0.55 -22.15	52.71 0.55 -21.70	55.16 0.56 -25.12	69.85 0.57 -39.26	78.94 0.64 -44.37	113.93 0.71 -68.43	114.26 0.69 -64.18	118.68 0.46 -72.59	131.00 0.20 -91.75	119.99 0.20 -80.55	119.04 0.20 -79.64	97.24 0.17 -54.17	93.11 0.10 -45.57	95.72 0.16 -43.46	58.16 0.06 0.00	81.98 0.14 -11.36	95.12 0.17 -12.38	94.60 0.14 -25.19	104.18 0.20 -37.82	102.75 0.63 -45.14	110.72 0.76 -62.31	97.85 0.81 -54.43	118.57 0.85 -78.93

HQ_GEN_IMPORT 323601	33.51 0.17 0.86	29.87 0.15 0.83	29.80 0.15 0.81	28.69 0.15 0.94	28.70 0.15 1.47	32.44 0.17 1.66	42.77 0.13 2.15	47.47 0.10 2.02	43.35 0.00 2.28	36.02 -0.16 2.88	36.55 -0.16 2.53	36.54 -0.16 2.50	40.98 -0.21 1.70	45.77 -0.24 1.43	50.47 -0.26 1.37	57.82 -0.29 0.00	69.77 -0.35 0.36	81.77 -0.41 0.39	68.13 -0.34 0.79	64.65 -0.33 1.19	55.56 0.00 1.42	45.88 0.19 1.96	41.73 0.21 1.09	35.93 0.23 3.10
HQ_GEN_WHEEL 23651	33.51 0.17 0.86	29.87 0.15 0.83	29.80 0.15 0.81	28.69 0.15 0.94	28.70 0.15 1.47	32.44 0.17 1.66	42.77 0.13 2.15	47.47 0.10 2.02	43.35 0.00 2.28	36.02 -0.16 2.88	36.55 -0.16 2.53	36.54 -0.16 2.50	40.98 -0.21 1.70	45.77 -0.24 1.43	50.47 -0.26 1.37	57.82 -0.29 0.00	69.77 -0.35 0.36	81.77 -0.41 0.39	68.13 -0.34 0.79	64.65 -0.33 1.19	55.56 0.00 1.42	45.88 0.19 1.96	41.73 0.21 1.09	35.93 0.23 3.10
HUDSON AVE_GT_3 23810	35.36 1.16 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.44 1.66 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.31 2.35 -0.72	42.43 2.47 -0.76	47.02 2.87 -1.25	52.48 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.06 5.57 -3.02	90.00 6.28 -1.15	75.19 4.99 -0.93	71.03 4.43 -0.43	60.51 3.53 0.00	50.08 2.43 0.00	44.52 1.92 0.00	40.54 1.75 0.00
HUDSON AVE_GT_4 23540	35.36 1.16 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.44 1.66 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.31 2.35 -0.72	42.43 2.47 -0.76	47.02 2.87 -1.25	52.48 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.06 5.57 -3.02	90.00 6.28 -1.15	75.19 4.99 -0.93	71.03 4.43 -0.43	60.51 3.53 0.00	50.08 2.43 0.00	44.52 1.92 0.00	40.54 1.75 0.00
HUDSON AVE_GT_5 23657	35.36 1.16 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	35.02 1.09 0.00	46.44 1.66 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.86 2.23 -0.58	42.31 2.35 -0.72	42.43 2.47 -0.76	47.02 2.87 -1.25	52.48 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.06 5.57 -3.02	90.00 6.28 -1.15	75.19 4.99 -0.93	71.03 4.43 -0.43	60.51 3.53 0.00	50.08 2.43 0.00	44.52 1.92 0.00	40.54 1.75 0.00
HUDSON_AVE_10 24168	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.20 2.24 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.41 3.70 -1.61	64.34 4.18 -2.05	78.85 5.36 -3.02	89.83 6.11 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.44 1.83 0.00	40.42 1.63 0.00
HUDSON___115KV_TB 4 355613	35.09 0.89 0.00	31.34 0.79 0.00	31.31 0.85 0.00	30.30 0.83 0.00	30.89 0.87 0.00	34.88 0.95 0.00	46.13 1.34 0.00	50.53 1.14 0.00	46.31 0.68 0.00	39.80 0.90 0.16	39.36 0.31 0.20	39.23 0.24 0.21	42.90 0.34 0.34	47.30 0.33 0.48	52.29 0.63 0.44	55.66 0.87 3.32	63.91 1.62 8.19	67.48 2.39 17.49	53.23 1.73 17.77	52.11 1.65 15.71	51.57 1.54 6.95	46.27 0.95 2.34	42.95 0.34 0.00	39.03 0.23 0.00
HUNTER MOUNT___DRP 323613	34.98 0.79 0.00	31.28 0.73 0.00	31.25 0.79 0.00	30.25 0.77 0.00	30.80 0.78 0.00	34.78 0.85 0.00	45.99 1.21 0.00	50.33 0.94 0.00	46.13 0.50 0.00	39.88 0.82 0.00	39.39 0.16 0.00	39.28 0.08 0.00	43.07 0.17 0.00	47.59 0.14 0.00	52.52 0.42 0.00	56.19 0.64 2.56	64.93 1.34 6.89	68.69 2.06 15.94	54.27 1.39 16.38	52.99 1.39 14.56	51.25 1.31 7.04	46.04 0.76 2.37	42.73 0.13 0.00	38.83 0.04 0.00
HUNTINGTON_RES_REC 323705	34.74 0.55 0.00	30.97 0.43 0.00	30.61 0.15 0.00	29.48 0.00 0.00	30.08 0.06 0.00	33.99 0.07 0.01	41.34 0.09 3.54	42.12 0.30 7.56	41.53 0.46 4.56	40.60 0.98 -0.57	41.13 1.18 -0.71	41.21 1.25 -0.75	45.60 1.46 -1.25	50.67 1.47 -1.76	55.73 2.03 -1.60	62.35 2.21 -2.04	76.58 3.10 -3.01	82.44 3.55 3.68	73.04 2.84 -0.93	68.97 2.38 -0.42	58.68 1.71 0.01	48.69 1.05 0.01	42.98 0.38 0.01	39.41 0.62 0.01
HUNTLEY___63 23557	35.74 0.65 -0.89	31.70 0.52 -0.64	31.24 0.46 -0.33	30.43 0.62 -0.33	30.68 0.36 -0.30	35.01 0.20 -0.88	44.25 -1.07 -0.54	48.61 -1.43 -0.65	46.73 -0.55 -1.65	40.52 0.27 -1.19	41.27 0.75 -1.29	40.92 0.43 -1.28	46.28 0.21 -3.17	51.14 0.19 -3.51	55.53 -0.42 -3.85	60.88 -1.51 -4.28	68.35 -2.96 -0.83	77.33 -4.71 0.53	72.78 -1.59 -5.11	70.59 -0.46 -4.89	55.51 -2.51 -1.04	49.67 -1.48 -3.50	43.56 0.00 -0.96	39.61 0.12 -0.70
HUNTLEY___64 23558	35.74 0.65 -0.89	31.70 0.52 -0.64	31.24 0.46 -0.33	30.43 0.62 -0.33	30.68 0.36 -0.30	35.01 0.20 -0.88	44.25 -1.07 -0.54	48.61 -1.43 -0.65	46.73 -0.55 -1.65	40.52 0.27 -1.19	41.27 0.75 -1.29	40.92 0.43 -1.28	46.28 0.21 -3.17	51.14 0.19 -3.51	55.53 -0.42 -3.85	60.88 -1.51 -4.28	68.35 -2.96 -0.83	77.33 -4.71 0.53	72.78 -1.59 -5.11	70.59 -0.46 -4.89	55.51 -2.51 -1.04	49.67 -1.48 -3.50	43.56 0.00 -0.96	39.61 0.12 -0.70
HUNTLEY___65 23559	35.74 0.65 -0.89	31.70 0.52 -0.64	31.24 0.46 -0.33	30.43 0.62 -0.33	30.68 0.36 -0.30	35.01 0.20 -0.88	44.25 -1.07 -0.54	48.61 -1.43 -0.65	46.73 -0.55 -1.65	40.52 0.27 -1.19	41.27 0.75 -1.29	40.92 0.43 -1.28	46.28 0.21 -3.17	51.14 0.19 -3.51	55.53 -0.42 -3.85	60.88 -1.51 -4.28	68.35 -2.96 -0.83	77.33 -4.71 0.53	72.78 -1.59 -5.11	70.59 -0.46 -4.89	55.51 -2.51 -1.04	49.67 -1.48 -3.50	43.56 0.00 -0.96	39.61 0.12 -0.70
HUNTLEY___66 23560	35.74 0.65 -0.89	31.70 0.52 -0.64	31.24 0.46 -0.33	30.43 0.62 -0.33	30.68 0.36 -0.30	35.01 0.20 -0.88	44.25 -1.07 -0.54	48.61 -1.43 -0.65	46.73 -0.55 -1.65	40.52 0.27 -1.19	41.27 0.75 -1.29	40.92 0.43 -1.28	46.28 0.21 -3.17	51.14 0.19 -3.51	55.53 -0.42 -3.85	60.88 -1.51 -4.28	68.35 -2.96 -0.83	77.33 -4.71 0.53	72.78 -1.59 -5.11	70.59 -0.46 -4.89	55.51 -2.51 -1.04	49.67 -1.48 -3.50	43.56 0.00 -0.96	39.61 0.12 -0.70
HUNTLEY___67 23561	35.46 0.38 -0.89	31.43 0.24 -0.64	30.97 0.18 -0.33	30.16 0.35 -0.33	30.44 0.12 -0.30	34.74 -0.07 -0.87	44.11 -1.21 -0.54	48.46 -1.58 -0.65	46.55 -0.73 -1.65	40.32 0.08 -1.18	41.03 0.51 -1.28	40.72 0.24 -1.28	46.05 0.00 -3.16	51.08 0.14 -3.49	55.52 -0.42 -3.83	60.92 -1.45 -4.27	68.42 -2.89 -0.83	77.42 -4.62 0.53	72.77 -1.59 -5.09	70.58 -0.46 -4.87	55.57 -2.45 -1.04	49.71 -1.43 -3.49	43.39 -0.17 -0.95	39.30 -0.19 -0.69
HUNTLEY___68 23562	35.46 0.38 -0.89	31.43 0.24 -0.64	30.97 0.18 -0.33	30.16 0.35 -0.33	30.44 0.12 -0.30	34.74 -0.07 -0.87	44.11 -1.21 -0.54	48.46 -1.58 -0.65	46.55 -0.73 -1.65	40.32 0.08 -1.18	41.03 0.51 -1.28	40.72 0.24 -1.28	46.05 0.00 -3.16	51.08 0.14 -3.49	55.52 -0.42 -3.83	60.92 -1.45 -4.27	68.42 -2.89 -0.83	77.42 -4.62 0.53	72.77 -1.59 -5.09	70.58 -0.46 -4.87	55.57 -2.45 -1.04	49.71 -1.43 -3.49	43.39 -0.17 -0.95	39.30 -0.19 -0.69

HYLAND___LFGE 323620	37.30 2.09 -1.02	33.14 1.86 -0.73	32.69 1.86 -0.38	31.41 1.56 -0.37	31.95 1.59 -0.34	36.87 1.93 -1.00	47.73 2.33 -0.62	52.80 2.67 -0.74	49.98 2.46 -1.89	42.37 1.95 -1.36	42.71 2.00 -1.47	42.04 1.37 -1.47	47.90 1.37 -3.63	53.21 1.76 -4.01	58.28 1.77 -4.40	64.52 1.51 -4.90	74.71 1.83 -2.41	86.18 2.56 -1.05	79.56 4.44 -5.85	76.93 5.16 -5.60	62.04 2.85 -2.21	54.28 2.62 -4.01	46.34 2.64 -1.10	41.57 1.98 -0.80
INDECK___CORINTH 23802	34.88 0.68 0.00	31.16 0.61 0.00	31.03 0.58 0.00	30.07 0.59 0.00	30.65 0.63 0.00	34.51 0.58 0.00	45.68 0.90 0.00	50.28 0.89 0.00	46.18 0.55 0.00	38.81 0.31 0.56	38.66 0.12 0.70	38.75 0.28 0.73	44.81 0.26 -1.66	51.45 0.62 -3.39	54.67 0.68 -1.90	61.80 1.16 -2.53	81.31 1.76 -9.07	111.95 2.47 -26.90	96.93 2.36 -25.30	91.19 1.92 -23.10	58.29 1.31 0.00	48.60 0.95 0.00	43.20 0.60 0.00	39.26 0.47 0.00
INDECK___ILION 23567	34.66 0.07 -0.39	30.98 0.06 -0.38	30.88 0.06 -0.37	29.96 0.06 -0.43	30.75 0.06 -0.67	34.78 0.10 -0.75	45.99 0.18 -1.02	50.53 0.20 -0.94	46.92 0.23 -1.07	40.64 0.23 -1.35	40.62 0.20 -1.18	40.57 0.20 -1.17	43.90 0.21 -0.80	48.40 0.28 -0.67	53.05 0.31 -0.64	58.51 0.41 0.00	71.20 0.56 -0.17	83.32 0.74 0.00	70.19 0.55 -0.37	67.25 0.53 -0.56	58.04 0.40 -0.66	48.75 0.19 -0.92	43.52 0.13 -0.79	40.04 0.08 -1.17
INDECK___OLEAN 23982	35.30 0.17 -0.93	31.37 0.15 -0.67	30.95 0.15 -0.34	30.03 0.21 -0.34	30.36 0.03 -0.31	34.95 0.10 -0.92	45.13 -0.22 -0.56	49.42 -0.64 -0.68	47.35 0.00 -1.73	40.53 0.24 -1.24	41.25 0.67 -1.34	40.54 0.00 -1.34	46.25 0.04 -3.31	51.63 0.52 -3.66	56.17 0.05 -4.02	61.71 -0.87 -4.47	70.22 -1.83 -1.58	79.58 -3.22 -0.23	74.60 0.00 -5.34	71.80 0.53 -5.11	56.96 -1.60 -1.57	50.35 -0.95 -3.66	43.82 0.21 -1.00	39.60 0.08 -0.73
INDECK___OSWEGO 23783	38.62 -0.55 -4.97	33.79 -0.49 -3.73	32.19 -0.49 -2.22	31.28 -0.50 -2.30	32.06 -0.51 -2.55	38.91 -0.54 -5.52	47.91 -1.08 -4.20	52.94 -1.13 -4.69	54.44 -0.96 -9.77	46.24 -0.78 -7.96	46.63 -0.78 -8.18	46.51 -0.83 -8.13	58.71 -0.90 -16.72	64.60 -1.00 -18.15	70.66 -1.20 -19.76	77.56 -1.40 -20.84	101.73 -1.83 -33.09	111.75 -2.15 -31.33	93.22 -1.52 -25.47	89.48 -1.39 -24.71	82.41 -1.42 -26.85	65.00 -1.19 -18.54	47.48 -1.06 -5.94	43.06 -1.01 -5.28
INDECK___YERKES 23781	35.67 0.58 -0.89	31.67 0.49 -0.64	31.39 0.61 -0.33	30.45 0.65 -0.33	30.71 0.39 -0.30	35.01 0.20 -0.88	44.30 -1.03 -0.54	48.85 -1.19 -0.65	47.05 -0.23 -1.65	40.60 0.35 -1.19	41.23 0.71 -1.29	40.60 0.12 -1.28	46.19 0.13 -3.17	51.19 0.24 -3.51	55.63 -0.31 -3.85	60.88 -1.51 -4.28	68.38 -2.96 -0.86	77.33 -4.70 0.54	72.79 -1.59 -5.11	70.33 -0.73 -4.89	55.51 -2.51 -1.04	50.06 -1.09 -3.50	43.60 0.04 -0.96	39.73 0.23 -0.70
INDIAN POINT_GT_1 24139	35.02 0.82 0.00	31.28 0.73 0.00	31.13 0.67 0.00	30.10 0.62 0.00	30.65 0.63 0.00	34.71 0.78 0.00	45.99 1.21 0.00	50.87 1.48 0.00	47.23 1.60 0.00	41.30 1.68 -0.57	41.67 1.73 -0.71	41.76 1.80 -0.75	46.27 2.14 -1.23	51.65 2.47 -1.74	56.60 2.92 -1.58	63.43 3.31 -2.01	77.67 4.23 -2.96	88.49 4.79 -1.13	74.06 3.88 -0.92	70.10 3.51 -0.42	59.72 2.74 0.00	49.51 1.86 0.00	44.01 1.41 0.00	40.04 1.24 0.00
INDIAN POINT_GT_2 23659	35.02 0.82 0.00	31.28 0.73 0.00	31.13 0.67 0.00	30.10 0.62 0.00	30.65 0.63 0.00	34.71 0.78 0.00	45.99 1.21 0.00	50.87 1.48 0.00	47.23 1.60 0.00	41.30 1.68 -0.57	41.67 1.73 -0.71	41.76 1.80 -0.75	46.27 2.14 -1.23	51.65 2.47 -1.74	56.60 2.92 -1.58	63.43 3.31 -2.01	77.67 4.23 -2.96	88.49 4.79 -1.13	74.06 3.88 -0.92	70.10 3.51 -0.42	59.72 2.74 0.00	49.51 1.86 0.00	44.01 1.41 0.00	40.04 1.24 0.00
INDIAN POINT_GT_3 24019	35.02 0.82 0.00	31.28 0.73 0.00	31.13 0.67 0.00	30.10 0.62 0.00	30.65 0.63 0.00	34.71 0.78 0.00	45.99 1.21 0.00	50.87 1.48 0.00	47.23 1.60 0.00	41.30 1.68 -0.57	41.67 1.73 -0.71	41.76 1.80 -0.75	46.27 2.14 -1.23	51.65 2.47 -1.74	56.60 2.92 -1.58	63.43 3.31 -2.01	77.67 4.23 -2.96	88.49 4.79 -1.13	74.06 3.88 -0.92	70.10 3.51 -0.42	59.72 2.74 0.00	49.51 1.86 0.00	44.01 1.41 0.00	40.04 1.24 0.00
INDIAN POINT___2 23530	35.02 0.82 0.00	31.25 0.70 0.00	31.06 0.61 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.71 0.78 0.00	46.04 1.25 0.00	50.92 1.53 0.00	47.22 1.60 0.00	41.29 1.68 -0.55	41.73 1.81 -0.69	41.85 1.92 -0.72	46.32 2.23 -1.19	51.59 2.47 -1.68	56.49 2.86 -1.53	63.31 3.25 -1.95	77.50 4.16 -2.87	88.37 4.70 -1.09	73.96 3.81 -0.89	70.01 3.44 -0.41	59.60 2.62 0.00	49.41 1.76 0.00	43.97 1.36 0.00	40.04 1.24 0.00
INDIAN POINT___3 23531	34.98 0.79 0.00	31.25 0.70 0.00	31.09 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.71 0.78 0.00	45.99 1.21 0.00	50.82 1.43 0.00	47.18 1.55 0.00	41.23 1.60 -0.57	41.64 1.69 -0.71	41.72 1.76 -0.75	46.19 2.06 -1.23	51.55 2.37 -1.74	56.49 2.81 -1.58	63.32 3.20 -2.01	77.53 4.09 -2.97	88.33 4.62 -1.13	73.93 3.74 -0.92	69.90 3.31 -0.42	59.60 2.62 0.00	49.41 1.76 0.00	43.97 1.36 0.00	40.00 1.20 0.00
INGHAM_C_115KV_TB7 356103	34.45 -0.14 -0.39	30.83 -0.09 -0.38	30.73 -0.09 -0.37	29.79 -0.12 -0.43	30.57 -0.12 -0.67	34.68 0.00 -0.75	46.03 0.22 -1.02	50.38 0.05 -0.94	46.79 0.09 -1.07	40.48 0.08 -1.35	40.54 0.12 -1.18	40.49 0.12 -1.17	43.78 0.09 -0.80	48.21 0.09 -0.67	52.74 0.00 -0.64	58.40 0.29 0.00	71.06 0.42 -0.17	82.82 0.25 0.00	69.98 0.35 -0.37	67.12 0.40 -0.56	57.93 0.28 -0.66	48.61 0.05 -0.92	43.40 0.00 -0.79	39.92 -0.04 -1.17
IP CORINTH___1 23988	35.05 0.85 0.00	31.31 0.76 0.00	31.22 0.76 0.00	30.22 0.74 0.00	30.80 0.78 0.00	34.68 0.75 0.00	45.86 1.07 0.00	50.53 1.14 0.00	46.40 0.78 0.00	39.01 0.51 0.56	38.85 0.31 0.70	38.98 0.51 0.73	42.16 0.47 1.21	46.59 0.85 1.70	51.54 0.99 1.55	62.09 1.45 -2.53	81.73 2.18 -9.07	112.45 2.97 -26.90	97.34 2.77 -25.30	91.52 2.25 -23.10	58.63 1.65 0.00	48.89 1.24 0.00	43.46 0.85 0.00	39.49 0.70 0.00
IP___TICONDEROGA 23804	36.52 2.33 0.00	32.62 2.08 0.00	32.53 2.07 0.00	31.51 2.03 0.00	32.09 2.07 0.00	36.30 2.38 0.00	48.01 3.22 0.00	52.75 3.36 0.00	48.18 2.56 0.00	40.44 1.95 0.57	40.21 1.69 0.71	40.37 1.92 0.75	43.54 1.89 1.24	48.30 2.61 1.75	53.37 2.87 1.59	64.67 3.72 -2.84	85.64 5.22 -9.95	118.61 6.94 -29.10	103.15 6.51 -27.37	96.89 5.76 -24.96	61.37 4.39 0.00	50.98 3.34 0.00	45.33 2.73 0.00	41.05 2.25 0.00
ISLIP_RES_REC 323679	35.09 0.89 0.00	31.25 0.70 0.00	30.85 0.39 0.00	29.69 0.21 0.00	30.32 0.30 0.00	34.23 0.30 0.01	41.80 0.54 3.53	42.78 0.94 7.55	42.08 1.00 4.55	41.03 1.40 -0.57	41.68 1.72 -0.71	41.80 1.84 -0.75	46.24 2.10 -1.25	51.29 2.09 -1.76	56.46 2.76 -1.60	63.11 2.96 -2.04	77.57 4.09 -3.01	83.69 4.79 3.67	74.14 3.95 -0.93	69.96 3.37 -0.42	59.48 2.50 0.01	49.35 1.71 0.01	43.53 0.94 0.01	39.87 1.08 0.01

JAMAICA__27_KV_LOAD 355505	35.50 1.30 0.00	31.64 1.10 0.00	31.46 1.01 0.00	30.42 0.94 0.00	30.98 0.96 0.00	35.15 1.22 0.00	46.58 1.79 0.00	51.71 2.32 0.00	48.09 2.46 0.00	42.10 2.46 -0.58	42.31 2.35 -0.72	42.47 2.51 -0.76	47.11 2.96 -1.25	52.58 3.37 -1.77	57.72 4.01 -1.61	64.68 4.53 -2.05	79.35 5.85 -3.02	90.49 6.77 -1.15	75.60 5.40 -0.93	71.43 4.83 -0.43	60.80 3.82 0.00	50.22 2.57 0.00	44.78 2.17 0.00	40.70 1.90 0.00
JANIS__SOLAR 323808	36.73 1.27 -1.26	32.62 1.16 -0.91	32.08 1.16 -0.47	31.06 1.12 -0.47	31.58 1.14 -0.42	36.64 1.46 -1.25	47.76 2.19 -0.78	52.78 2.47 -0.93	50.26 2.28 -2.35	42.51 1.76 -1.69	42.72 1.65 -1.83	42.44 1.41 -1.83	48.91 1.50 -4.51	54.19 1.76 -4.99	59.40 1.82 -5.48	66.47 2.26 -6.10	80.86 2.89 -7.50	92.90 3.80 -6.52	80.70 4.16 -7.28	77.30 4.17 -6.96	65.91 2.96 -5.97	54.88 2.24 -4.99	46.05 2.09 -1.36	41.45 1.67 -0.99
JARVIS____ 23743	34.59 0.00 -0.39	30.92 0.00 -0.38	30.82 0.00 -0.37	29.91 0.00 -0.43	30.69 0.00 -0.67	34.68 0.00 -0.75	45.90 0.09 -1.02	50.43 0.10 -0.94	46.83 0.14 -1.07	40.52 0.12 -1.35	40.54 0.12 -1.18	40.49 0.12 -1.17	43.82 0.13 -0.80	48.30 0.19 -0.67	52.95 0.21 -0.64	58.40 0.29 0.00	71.00 0.35 -0.17	83.17 0.41 -0.18	69.99 0.35 -0.37	67.05 0.33 -0.56	57.82 0.17 -0.66	48.66 0.10 -0.92	43.44 0.04 -0.79	39.96 0.00 -1.17
JENNISON____1 23625	36.48 1.33 -0.95	32.45 1.22 -0.69	32.00 1.19 -0.35	31.04 1.21 -0.35	31.54 1.20 -0.32	36.40 1.53 -0.94	47.65 2.28 -0.58	52.61 2.52 -0.70	49.82 2.42 -1.77	42.40 2.07 -1.27	42.70 2.08 -1.38	42.54 1.96 -1.38	48.35 2.06 -3.40	53.53 2.32 -3.76	58.62 2.40 -4.13	65.61 2.91 -4.59	79.61 3.52 -5.61	91.78 4.29 -4.92	79.04 4.29 -5.48	75.71 4.30 -5.25	64.55 3.08 -4.50	53.65 2.24 -3.76	45.76 2.13 -1.03	41.25 1.71 -0.75
JENNISON____2 23626	36.48 1.33 -0.95	32.45 1.22 -0.69	32.00 1.19 -0.35	31.04 1.21 -0.35	31.54 1.20 -0.32	36.40 1.53 -0.94	47.65 2.28 -0.58	52.61 2.52 -0.70	49.82 2.42 -1.77	42.40 2.07 -1.27	42.70 2.08 -1.38	42.54 1.96 -1.38	48.35 2.06 -3.40	53.53 2.32 -3.76	58.62 2.40 -4.13	65.61 2.91 -4.59	79.61 3.52 -5.61	91.78 4.29 -4.92	79.04 4.29 -5.48	75.71 4.30 -5.25	64.55 3.08 -4.50	53.65 2.24 -3.76	45.76 2.13 -1.03	41.25 1.71 -0.75
JERICOHO_RISE_WT_PWR 323719	37.63 0.96 -2.48	33.76 0.83 -2.38	33.61 0.82 -2.34	33.04 0.86 -2.71	35.18 0.93 -4.23	39.82 1.12 -4.78	51.49 0.49 -6.21	55.26 0.05 -5.82	52.08 -0.14 -6.58	47.57 0.20 -8.32	46.74 0.20 -7.31	46.66 0.24 -7.22	47.72 -0.09 -4.91	51.10 -0.47 -4.13	55.57 -0.47 -3.94	57.58 -0.52 0.00	71.02 -0.49 -1.03	83.20 -0.49 -1.12	71.14 -0.41 -2.29	69.20 -0.39 -3.43	61.19 0.11 -4.09	53.78 0.48 -5.65	48.59 1.11 -4.88	47.48 1.47 -7.21
KATONAH__115KV_46KV_TB4 355592	35.19 0.99 0.00	31.43 0.89 0.00	31.28 0.82 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.91 0.98 0.00	46.26 1.48 0.00	51.17 1.78 0.00	47.50 1.87 0.00	41.51 1.87 -0.58	41.92 1.96 -0.72	41.96 2.00 -0.76	46.55 2.40 -1.25	51.91 2.70 -1.77	56.89 3.18 -1.61	63.70 3.54 -2.05	78.14 4.65 -3.02	88.93 5.20 -1.15	74.57 4.36 -0.93	70.57 3.97 -0.43	60.12 3.13 0.00	49.84 2.19 0.00	44.22 1.62 0.00	40.23 1.44 0.00
KCE_NY_1 323755	35.22 1.02 0.00	31.43 0.89 0.00	31.34 0.88 0.00	30.36 0.88 0.00	30.92 0.90 0.00	34.91 0.98 0.00	46.22 1.43 0.00	50.92 1.53 0.00	46.86 1.23 0.00	39.44 0.98 0.59	39.32 0.83 0.74	39.36 0.94 0.78	46.06 1.03 -2.14	53.03 1.33 -4.26	56.13 1.56 -2.47	63.36 1.98 -3.28	84.35 2.68 -11.20	118.17 3.39 -32.21	102.52 2.98 -30.28	96.41 2.65 -27.59	58.98 1.99 0.00	49.13 1.48 0.00	43.71 1.11 0.00	39.77 0.97 0.00
KCE_NY_6_ESR 323823	35.62 0.51 -0.90	31.62 0.43 -0.65	31.31 0.52 -0.34	30.34 0.53 -0.33	30.65 0.33 -0.30	35.03 0.20 -0.89	44.71 -0.63 -0.55	49.21 -0.84 -0.66	47.36 0.05 -1.68	40.77 0.51 -1.21	41.45 0.90 -1.31	40.79 0.28 -1.31	46.43 0.30 -3.23	51.73 0.71 -3.57	56.28 0.26 -3.92	61.71 -0.76 -4.36	69.66 -1.97 -1.16	78.80 -3.55 0.23	73.92 -0.56 -5.20	71.35 0.20 -4.98	56.58 -1.65 -1.25	50.45 -0.76 -3.57	43.92 0.34 -0.98	39.78 0.27 -0.71
KEDC_PORT_JEFF_GT2 24210	34.92 0.72 0.00	31.10 0.55 0.00	30.73 0.27 0.00	29.57 0.09 0.00	30.17 0.15 0.00	34.09 0.17 0.01	41.54 0.32 3.56	42.42 0.64 7.61	41.77 0.73 4.58	40.80 1.17 -0.57	41.40 1.45 -0.71	41.53 1.57 -0.75	45.81 1.67 -1.25	50.72 1.52 -1.76	55.84 2.14 -1.60	62.06 1.91 -2.04	76.30 2.82 -3.01	82.17 3.31 3.71	72.83 2.63 -0.93	68.77 2.18 -0.42	58.51 1.54 0.01	48.83 1.19 0.01	43.19 0.60 0.01	39.60 0.82 0.01
KEDC_PORT_JEFF_GT3 24211	34.92 0.72 0.00	31.10 0.55 0.00	30.73 0.27 0.00	29.57 0.09 0.00	30.17 0.15 0.00	34.09 0.17 0.01	41.54 0.32 3.56	42.42 0.64 7.61	41.77 0.73 4.58	40.80 1.17 -0.57	41.40 1.45 -0.71	41.53 1.57 -0.75	45.81 1.67 -1.25	50.72 1.52 -1.76	55.84 2.14 -1.60	62.06 1.91 -2.04	76.30 2.82 -3.01	82.17 3.31 3.71	72.83 2.63 -0.93	68.77 2.18 -0.42	58.51 1.54 0.01	48.83 1.19 0.01	43.19 0.60 0.01	39.60 0.82 0.01
KEDC_GLWD_GT4 24219	35.15 0.96 0.00	31.37 0.83 0.00	31.10 0.64 0.00	30.04 0.56 0.00	30.62 0.60 0.00	34.64 0.71 0.00	44.64 1.16 1.31	48.12 1.53 2.80	45.54 1.60 1.69	41.39 1.76 -0.57	41.99 2.04 -0.72	42.16 2.19 -0.76	46.42 2.27 -1.25	51.72 2.51 -1.76	56.67 2.97 -1.60	63.58 3.43 -2.04	77.86 4.37 -3.01	86.89 4.95 0.64	74.14 3.95 -0.93	70.10 3.50 -0.43	59.66 2.68 0.00	49.41 1.76 0.00	44.05 1.45 0.00	40.07 1.28 0.00
KEDC_GLWD_GT5 24220	35.15 0.96 0.00	31.37 0.83 0.00	31.10 0.64 0.00	30.04 0.56 0.00	30.62 0.60 0.00	34.64 0.71 0.00	44.64 1.16 1.31	48.12 1.53 2.80	45.54 1.60 1.69	41.39 1.76 -0.57	41.99 2.04 -0.72	42.16 2.19 -0.76	46.42 2.27 -1.25	51.72 2.51 -1.76	56.67 2.97 -1.60	63.58 3.43 -2.04	77.86 4.37 -3.01	86.89 4.95 0.64	74.14 3.95 -0.93	70.10 3.50 -0.43	59.66 2.68 0.00	49.41 1.76 0.00	44.05 1.45 0.00	40.07 1.28 0.00
KENSICO____ 23655	35.12 0.92 0.00	31.34 0.79 0.00	31.19 0.73 0.00	30.16 0.68 0.00	30.71 0.69 0.00	34.81 0.88 0.00	46.13 1.34 0.00	51.02 1.63 0.00	47.36 1.73 0.00	41.43 1.80 -0.58	41.88 1.92 -0.72	41.96 2.00 -0.76	46.46 2.32 -1.25	51.86 2.66 -1.76	56.83 3.13 -1.61	63.75 3.60 -2.04	78.07 4.58 -3.01	88.84 5.12 -1.15	74.36 4.16 -0.93	70.30 3.71 -0.43	59.89 2.91 0.00	49.70 2.05 0.00	44.14 1.53 0.00	40.19 1.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.16 0.96 0.00	31.37 0.82 0.00	31.28 0.82 0.00	30.25 0.77 0.00	30.80 0.78 0.00	34.88 0.95 0.00	46.22 1.43 0.00	50.92 1.53 0.00	47.13 1.51 0.00	40.97 1.56 -0.35	41.20 1.53 -0.43	41.15 1.49 -0.46	45.45 1.80 -0.75	50.73 2.23 -1.06	55.72 2.66 -0.96	62.24 2.91 -1.23	76.31 4.02 -1.81	87.89 4.62 -0.69	73.19 3.53 -0.39	69.66 3.37 -0.12	58.94 2.79 0.83	49.32 1.95 0.28	44.18 1.58 0.00	40.11 1.32 0.00

KIAC_JFK_GT1 23816	35.29 1.09 0.00	31.46 0.92 0.00	31.28 0.82 0.00	30.25 0.77 0.00	30.80 0.78 0.00	34.95 1.02 0.00	46.17 1.39 0.00	51.22 1.83 0.00	47.64 2.01 0.00	41.74 2.11 -0.58	41.92 1.96 -0.72	42.12 2.16 -0.76	46.68 2.53 -1.25	52.10 2.89 -1.77	57.20 3.49 -1.61	64.10 3.95 -2.05	78.64 5.14 -3.02	89.59 5.86 -1.15	74.84 4.64 -0.93	70.70 4.10 -0.43	60.23 3.25 0.00	49.74 2.10 0.00	44.35 1.75 0.00	40.31 1.51 0.00
KIAC_JFK_GT2 23817	35.29 1.09 0.00	31.46 0.92 0.00	31.28 0.82 0.00	30.25 0.77 0.00	30.80 0.78 0.00	34.95 1.02 0.00	46.17 1.39 0.00	51.22 1.83 0.00	47.64 2.01 0.00	41.74 2.11 -0.58	41.92 1.96 -0.72	42.12 2.16 -0.76	46.68 2.53 -1.25	52.10 2.89 -1.77	57.20 3.49 -1.61	64.10 3.95 -2.05	78.64 5.14 -3.02	89.59 5.86 -1.15	74.84 4.64 -0.93	70.70 4.10 -0.43	60.23 3.25 0.00	49.74 2.10 0.00	44.35 1.75 0.00	40.31 1.51 0.00
KIAC_JFK____ 323774	35.29 1.09 0.00	31.49 0.95 0.00	31.28 0.82 0.00	30.24 0.77 0.00	30.80 0.78 0.00	34.95 1.02 0.00	46.22 1.43 0.00	51.31 1.92 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.00 2.04 -0.72	42.24 2.27 -0.76	46.85 2.70 -1.25	52.15 2.94 -1.77	57.14 3.44 -1.61	64.11 3.95 -2.05	78.64 5.14 -3.02	89.59 5.86 -1.15	74.84 4.64 -0.93	70.77 4.17 -0.43	60.23 3.25 0.00	49.69 2.05 0.00	44.35 1.75 0.00	40.31 1.51 0.00
KINTIGH__24_KV_GSU 356498	35.24 0.21 -0.84	31.30 0.15 -0.60	31.01 0.24 -0.31	30.02 0.23 -0.31	30.36 0.06 -0.28	34.59 -0.17 -0.83	44.09 -1.21 -0.51	48.67 -1.33 -0.61	46.73 -0.46 -1.56	40.25 0.08 -1.12	40.76 0.31 -1.21	40.33 -0.08 -1.21	45.80 -0.09 -2.99	50.80 0.05 -3.31	55.36 -0.36 -3.63	60.81 -1.33 -4.04	67.88 -2.75 -0.16	77.09 -4.21 1.27	72.42 -1.66 -4.82	70.05 -0.73 -4.61	55.26 -2.22 -0.50	49.76 -1.19 -3.30	43.25 -0.25 -0.90	39.18 -0.27 -0.66
KINTIGH____ 23543	35.31 0.27 -0.84	31.33 0.18 -0.60	30.89 0.12 -0.31	30.02 0.24 -0.31	30.36 0.06 -0.28	34.62 -0.14 -0.83	44.04 -1.25 -0.51	48.52 -1.48 -0.61	46.50 -0.68 -1.56	40.22 0.04 -1.12	40.84 0.39 -1.21	40.65 0.24 -1.21	45.93 0.04 -2.99	50.80 0.05 -3.31	55.26 -0.47 -3.63	60.75 -1.39 -4.04	67.85 -2.75 -0.13	77.09 -4.21 1.27	72.42 -1.66 -4.82	70.31 -0.46 -4.61	55.21 -2.28 -0.51	49.62 -1.33 -3.30	43.25 -0.26 -0.90	39.10 -0.35 -0.66
KNTFSRNC_46_KV_46KV_LOAD 80397	37.49 1.81 -1.48	33.53 1.56 -1.42	33.37 1.52 -1.39	32.66 1.56 -1.61	34.22 1.68 -2.52	38.75 1.97 -2.85	50.29 1.79 -3.71	54.50 1.63 -3.48	50.88 1.32 -3.93	45.39 1.37 -4.97	44.93 1.33 -4.36	44.89 1.37 -4.31	46.77 0.94 -2.93	49.82 -0.09 -2.47	53.88 -0.57 -2.35	57.53 -0.58 0.00	70.60 -0.49 -0.62	82.24 -0.33 0.00	70.43 -0.21 -1.36	68.02 -0.20 -2.05	59.65 0.23 -2.44	51.74 0.71 -3.38	47.35 1.83 -2.92	45.59 2.48 -4.31
LACHUTE____HYDRO 323717	36.56 2.36 0.00	32.62 2.08 0.00	32.53 2.07 0.00	31.51 2.03 0.00	32.09 2.07 0.00	36.30 2.37 0.00	48.05 3.27 0.00	52.80 3.41 0.00	48.23 2.60 0.00	40.47 1.99 0.57	40.21 1.69 0.71	40.37 1.92 0.75	46.69 1.93 -1.86	53.85 2.66 -3.75	57.10 2.86 -2.14	64.67 3.72 -2.84	85.64 5.21 -9.95	118.62 6.94 -29.10	103.14 6.51 -27.37	96.88 5.75 -24.96	61.37 4.39 0.00	50.98 3.33 0.00	45.33 2.73 0.00	41.04 2.25 0.00
LAWRNCALV_115KV_TB1 80681	53.43 0.85 -18.37	48.92 0.76 -17.61	48.38 0.76 -17.16	50.10 0.77 -19.85	61.76 0.78 -30.96	70.03 0.95 -35.15	94.34 1.48 -48.07	96.09 1.58 -45.12	98.13 1.19 -51.31	104.33 0.70 -64.57	96.67 0.67 -56.77	96.00 0.67 -56.13	82.38 0.60 -38.89	80.89 0.47 -32.97	84.17 0.47 -31.60	59.77 0.35 -1.32	80.59 0.42 -9.70	84.31 0.33 -1.41	88.82 0.35 -19.20	94.53 0.40 -27.97	90.77 0.91 -32.88	93.53 1.19 -44.69	81.89 1.32 -37.97	95.99 1.32 -55.87
LEDERLE____ 23769	35.16 0.96 0.00	31.37 0.82 0.00	31.22 0.76 0.00	30.22 0.74 0.00	30.74 0.72 0.00	34.85 0.92 0.00	46.26 1.48 0.00	51.12 1.73 0.00	47.45 1.83 0.00	41.47 1.87 -0.54	41.83 1.92 -0.67	41.87 1.96 -0.71	46.38 2.32 -1.17	51.79 2.70 -1.65	56.77 3.18 -1.50	63.56 3.54 -1.91	77.87 4.58 -2.81	88.85 5.20 -1.07	74.22 4.09 -0.87	70.27 3.71 -0.40	59.89 2.91 0.00	49.65 2.00 0.00	44.18 1.58 0.00	40.15 1.36 0.00
LIGHTHSE_115KV_TB6 355974	38.43 0.41 -3.82	34.11 0.37 -3.19	33.26 0.34 -2.47	32.54 0.32 -2.74	34.15 0.33 -3.81	39.91 0.48 -5.51	51.29 0.72 -5.79	56.06 0.89 -5.78	55.03 0.82 -8.58	48.52 0.62 -8.84	48.09 0.55 -8.30	47.94 0.51 -8.23	54.08 0.47 -10.71	58.80 0.47 -10.88	63.96 0.36 -11.49	68.21 0.58 -9.53	83.18 0.35 -12.35	93.43 0.66 -10.20	83.24 0.90 -13.07	80.66 1.06 -13.44	70.09 0.74 -12.37	60.32 0.67 -12.00	48.97 0.60 -5.77	46.18 0.47 -6.92
LINDEN COGEN____ 23786	20.35 0.92 14.77	18.43 0.79 12.91	16.74 0.67 14.38	16.16 0.65 13.97	16.92 0.66 13.76	20.53 0.85 14.25	23.29 1.39 22.89	23.54 1.78 27.63	23.54 1.92 24.00	23.54 1.99 17.51	24.98 2.12 16.37	25.40 2.31 16.12	25.40 2.70 20.20	25.40 2.94 24.99	29.88 3.38 25.60	36.95 3.83 24.99	43.53 4.93 31.88	56.97 5.62 31.23	51.88 4.37 21.75	43.67 3.90 26.40	31.49 3.02 28.51	25.40 2.00 24.25	25.40 1.58 18.78	24.90 1.44 15.33
LINDHRST_69_KV_BK1 356055	35.16 0.96 0.00	31.34 0.79 0.00	31.00 0.55 0.00	29.86 0.38 0.00	30.47 0.45 0.00	34.40 0.48 0.01	42.26 0.67 3.20	43.53 0.99 6.84	42.60 1.10 4.12	41.07 1.45 -0.57	41.64 1.69 -0.72	41.76 1.80 -0.75	46.20 2.06 -1.25	51.48 2.28 -1.76	56.67 2.97 -1.60	63.40 3.25 -2.04	77.71 4.23 -3.01	84.23 4.87 3.22	74.28 4.09 -0.93	70.10 3.51 -0.42	59.82 2.85 0.01	49.59 1.95 0.01	43.75 1.15 0.01	39.99 1.20 0.01
LIPA_MISC_IPP 23656	34.68 0.48 0.00	30.88 0.34 0.00	30.52 0.06 0.00	29.36 -0.12 0.00	29.96 -0.06 0.00	33.82 -0.10 0.01	41.12 -0.09 3.57	41.90 0.15 7.64	41.30 0.27 4.60	40.41 0.78 -0.57	40.93 0.98 -0.71	40.94 0.98 -0.75	45.34 1.20 -1.25	50.39 1.19 -1.76	55.63 1.93 -1.60	62.12 1.98 -2.04	76.37 2.89 -3.01	82.23 3.39 3.73	73.03 2.84 -0.93	68.84 2.25 -0.42	58.74 1.77 0.01	48.69 1.05 0.01	42.85 0.26 0.01	39.33 0.54 0.01
LISF____SOLAR 323691	34.71 0.51 0.00	30.91 0.37 0.00	30.52 0.06 0.00	29.39 -0.09 0.00	29.99 -0.03 0.00	33.89 -0.03 0.01	41.26 0.04 3.57	42.11 0.35 7.63	41.44 0.41 4.59	40.49 0.86 -0.57	41.13 1.18 -0.71	41.21 1.25 -0.75	45.55 1.41 -1.25	50.53 1.33 -1.76	55.63 1.93 -1.60	62.30 2.15 -2.04	76.58 3.10 -3.01	82.58 3.72 3.72	73.24 3.04 -0.93	69.10 2.51 -0.42	58.80 1.82 0.01	48.74 1.10 0.01	42.98 0.38 0.01	39.41 0.62 0.01
LITTLE FALLS____HYD 24013	34.45 -0.14 -0.39	30.83 -0.09 -0.38	30.73 -0.09 -0.37	29.79 -0.12 -0.43	30.57 -0.12 -0.67	34.68 0.00 -0.75	46.03 0.22 -1.02	50.38 0.05 -0.94	46.79 0.09 -1.07	40.48 0.08 -1.35	40.54 0.12 -1.18	40.49 0.12 -1.17	43.78 0.09 -0.80	48.21 0.09 -0.67	52.74 0.00 -0.64	58.40 0.29 0.00	71.06 0.42 -0.17	82.82 0.25 0.00	69.98 0.35 -0.37	67.12 0.40 -0.56	57.93 0.28 -0.66	48.61 0.05 -0.92	43.40 0.00 -0.79	39.92 -0.04 -1.17

LITTLRIV_115KV_TB1 356100	52.98 1.20 -17.58	48.46 1.07 -16.85	47.93 1.07 -16.41	49.52 1.06 -18.98	60.69 1.08 -29.59	68.86 1.32 -33.61	91.37 2.06 -44.52	93.40 2.22 -41.79	94.88 1.69 -47.57	99.89 1.02 -59.82	92.74 0.90 -52.60	92.07 0.86 -52.01	79.88 0.86 -36.13	78.87 0.76 -30.67	82.29 0.78 -29.41	60.21 0.70 -1.40	80.72 0.99 -9.26	85.31 1.24 -1.50	88.51 1.25 -17.99	93.52 1.26 -26.10	89.36 1.77 -30.61	90.92 1.76 -41.51	79.62 1.83 -35.18	92.29 1.75 -51.74
LI_NEWBRDGE___DRP 323616	34.71 0.51 0.00	30.97 0.43 0.00	30.67 0.21 0.00	29.57 0.09 0.00	30.14 0.12 0.00	34.06 0.14 0.01	41.21 0.27 3.85	41.66 0.49 8.22	41.36 0.68 4.95	40.64 1.02 -0.57	41.17 1.22 -0.71	41.25 1.29 -0.75	45.68 1.54 -1.25	50.96 1.76 -1.76	56.04 2.34 -1.60	62.70 2.56 -2.04	76.87 3.38 -3.01	82.27 3.80 4.10	73.24 3.05 -0.93	69.17 2.58 -0.42	59.03 2.05 0.01	48.88 1.24 0.01	43.19 0.60 0.01	39.45 0.66 0.01
LOCKPORT_115KV_TB60_63_64 80432	35.39 0.31 -0.88	31.39 0.21 -0.64	30.94 0.15 -0.33	30.10 0.29 -0.33	30.38 0.06 -0.30	34.67 -0.14 -0.87	43.98 -1.34 -0.54	48.36 -1.68 -0.65	46.41 -0.87 -1.65	40.24 0.00 -1.18	40.95 0.43 -1.28	40.64 0.16 -1.28	45.96 -0.09 -3.15	50.88 -0.05 -3.49	55.25 -0.68 -3.83	60.57 -1.80 -4.26	67.85 -3.31 -0.69	76.85 -5.04 0.69	72.41 -1.94 -5.08	70.31 -0.73 -4.87	55.24 -2.68 -0.94	49.47 -1.67 -3.49	43.26 -0.30 -0.95	39.18 -0.31 -0.69
LOCKPORT___CC1 323769	35.32 0.24 -0.89	31.37 0.18 -0.64	31.06 0.27 -0.33	30.10 0.29 -0.33	30.38 0.06 -0.30	34.64 -0.17 -0.87	44.02 -1.30 -0.54	48.51 -1.53 -0.65	46.68 -0.59 -1.65	40.28 0.04 -1.18	40.87 0.35 -1.28	40.29 -0.20 -1.28	45.80 -0.26 -3.16	50.94 0.00 -3.50	55.41 -0.52 -3.84	60.63 -1.74 -4.27	68.00 -3.24 -0.77	76.89 -5.04 0.65	72.42 -1.94 -5.10	70.12 -0.93 -4.88	55.27 -2.68 -0.97	49.71 -1.43 -3.49	43.31 -0.25 -0.95	39.26 -0.23 -0.69
LOCKPORT___CC2 323770	35.32 0.24 -0.89	31.37 0.18 -0.64	31.06 0.27 -0.33	30.10 0.29 -0.33	30.38 0.06 -0.30	34.64 -0.17 -0.87	44.02 -1.30 -0.54	48.51 -1.53 -0.65	46.68 -0.59 -1.65	40.28 0.04 -1.18	40.87 0.35 -1.28	40.29 -0.20 -1.28	45.80 -0.26 -3.16	50.94 0.00 -3.50	55.41 -0.52 -3.84	60.63 -1.74 -4.27	68.00 -3.24 -0.77	76.89 -5.04 0.65	72.42 -1.94 -5.10	70.12 -0.93 -4.88	55.27 -2.68 -0.97	49.71 -1.43 -3.49	43.31 -0.25 -0.95	39.26 -0.23 -0.69
LOCKPORT___CC3 323771	35.32 0.24 -0.89	31.37 0.18 -0.64	31.06 0.27 -0.33	30.10 0.29 -0.33	30.38 0.06 -0.30	34.64 -0.17 -0.87	44.02 -1.30 -0.54	48.51 -1.53 -0.65	46.68 -0.59 -1.65	40.28 0.04 -1.18	40.87 0.35 -1.28	40.29 -0.20 -1.28	45.80 -0.26 -3.16	50.94 0.00 -3.50	55.41 -0.52 -3.84	60.63 -1.74 -4.27	68.00 -3.24 -0.77	76.89 -5.04 0.65	72.42 -1.94 -5.10	70.12 -0.93 -4.88	55.27 -2.68 -0.97	49.71 -1.43 -3.49	43.31 -0.25 -0.95	39.26 -0.23 -0.69
LOCUSVLY_69_KV_BK2 55797	35.09 0.89 0.00	31.31 0.76 0.00	31.03 0.58 0.00	29.95 0.47 0.00	30.53 0.51 0.00	34.50 0.58 0.00	43.72 0.85 1.92	46.38 1.09 4.10	44.43 1.28 2.47	41.19 1.56 -0.57	41.76 1.80 -0.72	41.88 1.92 -0.76	46.24 2.10 -1.25	51.62 2.42 -1.76	56.72 3.02 -1.60	63.52 3.37 -2.04	77.85 4.37 -3.01	86.06 4.95 1.47	74.21 4.02 -0.93	70.17 3.57 -0.43	59.71 2.74 0.00	49.50 1.86 0.00	43.79 1.19 0.00	39.95 1.16 0.00
LONG_LAKE_PHOENIX 24014	36.16 0.21 -1.76	32.11 0.18 -1.38	31.54 0.15 -0.94	30.63 0.15 -1.00	31.43 0.15 -1.26	36.30 0.17 -2.20	46.98 0.22 -1.97	51.87 0.40 -2.09	49.80 0.50 -3.67	42.95 0.55 -3.35	43.15 0.63 -3.29	43.06 0.59 -3.26	48.99 0.60 -5.49	53.92 0.66 -5.82	58.93 0.57 -6.26	64.78 0.58 -6.09	75.16 0.56 -4.12	85.74 0.74 -2.42	77.97 0.97 -7.73	74.87 1.06 -7.64	61.75 0.51 -4.25	54.14 0.38 -6.11	45.32 0.38 -2.34	41.38 0.16 -2.43
LOVETT___3 23632	34.98 0.79 0.00	31.25 0.70 0.00	31.09 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.71 0.78 0.00	46.04 1.25 0.00	50.92 1.53 0.00	47.27 1.64 0.00	41.32 1.72 -0.55	41.69 1.77 -0.68	41.77 1.84 -0.72	46.27 2.19 -1.19	51.63 2.51 -1.67	56.59 2.97 -1.52	63.35 3.31 -1.94	77.63 4.30 -2.85	88.53 4.87 -1.09	73.89 3.74 -0.88	69.95 3.37 -0.41	59.60 2.62 0.00	49.46 1.81 0.00	43.97 1.36 0.00	40.00 1.20 0.00
LOVETT___4 23642	34.98 0.79 0.00	31.25 0.70 0.00	31.09 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.71 0.78 0.00	46.04 1.25 0.00	50.92 1.53 0.00	47.27 1.64 0.00	41.32 1.72 -0.55	41.69 1.77 -0.68	41.77 1.84 -0.72	46.27 2.19 -1.19	51.63 2.51 -1.67	56.59 2.97 -1.52	63.35 3.31 -1.94	77.63 4.30 -2.85	88.53 4.87 -1.09	73.89 3.74 -0.88	69.95 3.37 -0.41	59.60 2.62 0.00	49.46 1.81 0.00	43.97 1.36 0.00	40.00 1.20 0.00
LOVETT___5 23593	34.98 0.79 0.00	31.25 0.70 0.00	31.09 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.71 0.78 0.00	46.04 1.25 0.00	50.92 1.53 0.00	47.27 1.64 0.00	41.32 1.72 -0.55	41.69 1.77 -0.68	41.77 1.84 -0.72	46.27 2.19 -1.19	51.63 2.51 -1.67	56.59 2.97 -1.52	63.35 3.31 -1.94	77.63 4.30 -2.85	88.53 4.87 -1.09	73.89 3.74 -0.88	69.95 3.37 -0.41	59.60 2.62 0.00	49.46 1.81 0.00	43.97 1.36 0.00	40.00 1.20 0.00
LOWER RAQUET___HYD 24057	51.96 0.92 -16.84	47.50 0.83 -16.13	46.98 0.82 -15.70	48.46 0.82 -18.15	59.19 0.87 -28.30	67.11 1.02 -32.16	87.88 1.52 -41.57	89.94 1.53 -39.01	91.22 1.14 -44.45	95.66 0.74 -55.86	89.03 0.67 -49.13	88.45 0.67 -48.58	77.33 0.60 -33.84	76.72 0.52 -28.76	80.27 0.57 -27.60	60.00 0.41 -1.49	79.90 0.56 -8.87	92.06 0.41 -9.07	86.62 0.35 -17.00	91.18 0.47 -24.55	86.74 1.03 -28.73	87.86 1.33 -38.88	77.00 1.53 -32.87	88.58 1.47 -48.31
LOWER___HUDSON 24059	34.71 0.51 0.00	31.00 0.46 0.00	30.91 0.46 0.00	29.92 0.44 0.00	30.50 0.48 0.00	34.44 0.51 0.00	45.63 0.85 0.00	50.28 0.89 0.00	46.40 0.77 0.00	38.95 0.66 0.76	38.87 0.59 0.95	38.86 0.67 1.01	49.94 0.73 -6.32	60.15 0.90 -11.81	60.65 1.10 -7.46	69.31 1.39 -9.81	101.64 1.83 -29.34	161.16 2.31 -76.28	142.68 1.87 -71.54	132.57 1.65 -64.74	58.12 1.14 0.00	48.46 0.81 0.00	43.03 0.43 0.00	39.26 0.47 0.00
LOWVILLE_115KV_TB2 356335	40.81 1.16 -5.45	36.65 1.04 -5.07	36.23 1.04 -4.74	35.95 1.03 -5.44	39.37 1.02 -8.33	45.13 1.36 -9.84	59.34 2.19 -12.36	63.56 2.47 -11.70	61.73 2.14 -13.95	57.55 1.56 -16.93	55.66 1.37 -15.05	55.43 1.33 -14.89	56.15 1.33 -11.93	59.56 1.42 -10.69	64.15 1.46 -10.59	63.32 1.86 -3.35	78.68 2.18 -6.02	89.14 2.97 -3.59	80.57 2.91 -8.40	79.57 2.98 -10.43	70.70 2.56 -11.15	63.31 2.05 -13.61	54.57 1.83 -10.14	54.72 1.51 -14.41
LUTHERFT_115KV_GLOB_FND_222 355753	35.16 0.96 0.00	31.43 0.89 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.91 0.98 0.00	46.13 1.34 0.00	50.82 1.43 0.00	46.77 1.14 0.00	39.36 0.90 0.59	39.28 0.78 0.74	39.33 0.90 0.78	42.55 0.94 1.28	46.91 1.28 1.81	51.96 1.51 1.65	63.36 1.98 -3.28	84.28 2.61 -11.20	118.17 3.39 -32.21	102.52 2.98 -30.28	96.34 2.58 -27.59	58.92 1.94 0.00	49.08 1.43 0.00	43.67 1.07 0.00	39.73 0.93 0.00

LUTHERNY_35_KV_BK2 355980	35.19 0.99 0.00	31.43 0.89 0.00	31.37 0.91 0.00	30.36 0.88 0.00	30.92 0.90 0.00	34.91 0.98 0.00	46.17 1.39 0.00	50.87 1.48 0.00	46.81 1.19 0.00	39.40 0.94 0.59	39.28 0.78 0.74	39.33 0.90 0.78	42.55 0.94 1.28	46.96 1.33 1.81	52.01 1.56 1.65	63.36 1.98 -3.28	84.35 2.68 -11.20	118.17 3.39 -32.21	102.52 2.98 -30.28	96.40 2.65 -27.59	58.98 1.99 0.00	49.12 1.48 0.00	43.71 1.11 0.00	39.77 0.97 0.00
LWR___OSWEGATCHIE_HYD 23850	47.07 1.06 -11.81	42.72 0.95 -11.23	42.21 0.94 -10.81	42.90 0.94 -12.48	50.34 0.96 -19.36	57.38 1.22 -22.22	75.25 1.97 -28.49	78.37 2.17 -26.80	78.37 1.83 -30.91	78.75 1.21 -38.48	74.28 1.10 -33.95	73.83 1.06 -33.57	68.24 1.03 -24.32	69.44 1.00 -21.00	73.45 0.99 -20.36	62.04 1.16 -2.77	79.83 1.20 -8.16	87.11 1.57 -2.97	84.46 1.52 -13.66	86.53 1.65 -18.71	79.96 1.71 -21.27	77.25 1.72 -27.88	67.06 1.70 -22.75	73.45 1.51 -33.14
LYONS_FALL_HYD 23570	38.87 0.96 -3.72	34.87 0.89 -3.44	34.52 0.88 -3.19	33.99 0.86 -3.65	36.46 0.87 -5.57	41.72 1.15 -6.64	54.93 1.84 -8.31	59.34 2.07 -7.88	56.99 1.87 -9.49	51.89 1.40 -11.43	50.68 1.26 -10.19	50.50 1.22 -10.08	52.40 1.20 -8.31	56.29 1.33 -7.52	61.00 1.41 -7.49	62.62 1.80 -2.71	76.96 2.11 -4.38	89.80 2.89 -4.34	78.13 2.70 -6.16	76.37 2.71 -7.49	67.17 2.28 -7.90	58.88 1.76 -9.47	51.01 1.53 -6.87	49.77 1.28 -9.70
MADISON___COUNTY_LFGE 323628	36.78 0.82 -1.76	32.78 0.73 -1.50	32.39 0.73 -1.21	31.57 0.74 -1.35	32.66 0.72 -1.92	37.53 0.95 -2.65	49.45 1.57 -3.09	54.24 1.83 -3.02	51.55 1.69 -4.23	44.97 1.37 -4.55	44.78 1.33 -4.21	44.63 1.25 -4.17	49.10 1.33 -4.88	53.76 1.47 -4.85	58.73 1.56 -5.07	63.83 1.92 -3.80	76.27 2.26 -3.54	88.19 2.89 -2.73	77.54 2.77 -5.50	74.66 2.71 -5.78	63.70 2.11 -4.61	54.66 1.52 -5.48	46.82 1.32 -2.90	43.49 1.05 -3.64
MALONE___115KV_TB1 356076	41.64 1.44 -6.01	37.58 1.25 -5.78	37.37 1.25 -5.66	37.30 1.27 -6.56	41.62 1.35 -10.25	47.10 1.59 -11.58	61.75 1.93 -15.04	65.47 1.98 -14.10	63.22 1.64 -15.95	60.50 1.29 -20.16	58.23 1.29 -17.70	57.99 1.29 -17.50	55.95 1.16 -11.90	58.17 0.71 -10.01	62.22 0.57 -9.55	58.69 0.58 0.00	73.89 0.92 -2.50	83.65 1.07 0.00	75.84 1.04 -5.54	75.47 0.99 -8.31	68.21 1.31 -9.92	62.81 1.48 -13.69	56.26 1.83 -11.83	58.32 2.06 -17.47
MAPLEWOD_115KV_TB3 80458	34.37 0.17 0.00	30.70 0.15 0.00	30.64 0.18 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.13 0.20 0.00	45.14 0.36 0.00	49.59 0.20 0.00	45.86 0.23 0.00	38.76 0.23 0.53	38.66 0.08 0.66	38.63 0.12 0.69	41.92 0.17 1.14	46.12 0.28 1.61	51.10 0.47 1.47	50.53 0.70 8.27	51.54 0.92 19.85	42.85 1.16 40.88	31.99 0.83 38.11	32.94 0.60 33.83	57.49 0.51 0.00	47.89 0.24 0.00	42.60 0.00 0.00	38.87 0.08 0.00
MAPLE_RIDGE_WT_1 323574	33.44 -0.34 0.42	29.84 -0.31 0.40	29.76 -0.30 0.39	28.73 -0.29 0.46	29.04 -0.27 0.71	32.85 -0.27 0.81	43.45 -0.31 1.03	48.18 -0.25 0.97	44.31 -0.23 1.10	37.48 -0.19 1.39	37.87 -0.16 1.22	37.88 -0.12 1.20	41.95 -0.13 0.82	46.61 -0.14 0.69	51.29 -0.16 0.66	57.99 -0.12 0.00	70.16 -0.14 0.17	82.22 -0.16 0.19	68.75 -0.14 0.38	65.46 -0.13 0.57	56.24 -0.06 0.68	46.71 0.00 0.94	41.79 0.00 0.81	37.63 0.04 1.20
MAPLE_RIDGE_WT_2 323611	33.44 -0.34 0.42	29.84 -0.31 0.40	29.76 -0.30 0.39	28.73 -0.29 0.46	29.04 -0.27 0.71	32.85 -0.27 0.81	43.45 -0.31 1.03	48.18 -0.25 0.97	44.31 -0.23 1.10	37.48 -0.19 1.39	37.87 -0.16 1.22	37.88 -0.12 1.20	41.95 -0.13 0.82	46.61 -0.14 0.69	51.29 -0.16 0.66	57.99 -0.12 0.00	70.16 -0.14 0.17	82.22 -0.16 0.19	68.75 -0.14 0.38	65.46 -0.13 0.57	56.24 -0.06 0.68	46.71 0.00 0.94	41.79 0.00 0.81	37.63 0.04 1.20
MARBLE_RIVER_WT_PWR 323696	37.17 1.71 -1.26	33.23 1.47 -1.22	33.11 1.46 -1.19	32.36 1.50 -1.38	33.80 1.62 -2.16	38.27 1.90 -2.44	48.36 0.40 -3.17	51.82 -0.54 -2.97	48.35 -0.64 -3.36	43.73 0.43 -4.25	43.40 0.43 -3.73	43.36 0.47 -3.69	45.27 -0.13 -2.51	48.55 -1.00 -2.11	53.07 -1.04 -2.01	57.00 -1.11 0.00	69.87 -1.13 -0.53	81.91 -1.24 -0.57	69.47 -0.97 -1.17	66.99 -0.93 -1.75	58.61 -0.46 -2.09	50.77 0.24 -2.89	46.67 1.58 -2.49	44.92 2.45 -3.68
MARSHVLE_115KV_TB1 80742	36.18 1.98 0.00	32.32 1.77 0.00	32.22 1.77 0.00	31.25 1.77 0.00	31.82 1.80 0.00	36.14 2.21 0.00	47.92 3.13 0.00	52.70 3.31 0.00	48.18 2.56 0.00	40.52 1.80 0.34	40.19 1.37 0.42	40.29 1.53 0.44	43.88 1.72 0.73	48.60 2.18 1.03	53.72 2.55 0.94	60.34 3.43 1.19	73.49 4.79 1.78	87.93 6.03 0.68	74.33 5.61 0.55	71.07 5.16 0.25	61.03 4.05 0.00	50.79 3.14 0.00	45.29 2.68 0.00	41.01 2.21 0.00
MARSH_HILL_WT_PWR 323713	35.42 0.07 -1.15	31.43 0.06 -0.83	31.04 0.15 -0.43	30.02 0.12 -0.42	30.40 0.00 -0.38	35.13 0.07 -1.14	45.26 -0.22 -0.70	50.03 -0.20 -0.84	48.09 0.32 -2.14	41.22 0.62 -1.54	42.04 1.14 -1.67	41.49 0.63 -1.66	47.81 0.81 -4.11	53.17 1.19 -4.54	58.02 0.94 -4.98	64.01 0.35 -5.55	74.60 -0.21 -4.34	84.73 -0.91 -3.06	77.20 1.31 -6.62	74.35 1.85 -6.34	60.58 -0.06 -3.66	52.66 0.48 -4.54	44.87 1.02 -1.24	40.51 0.82 -0.90
MCINTYRE_115KV_TB2 80467	54.24 1.27 -18.78	49.67 1.13 -18.00	49.13 1.13 -17.55	50.90 1.12 -20.30	62.82 1.14 -31.66	71.25 1.39 -35.93	96.17 2.10 -49.27	97.86 2.22 -46.24	99.80 1.60 -52.58	106.10 0.86 -66.18	98.16 0.75 -58.18	97.43 0.71 -57.52	83.39 0.69 -39.81	81.80 0.62 -33.74	85.05 0.63 -32.33	60.02 0.64 -1.27	81.37 1.06 -9.84	85.34 1.40 -1.36	90.39 1.52 -19.59	96.34 1.59 -28.58	92.61 1.99 -33.63	95.26 1.86 -45.75	83.34 1.83 -38.91	97.81 1.75 -57.27
MECO_____69_KV_BK1 80468	36.32 2.12 0.00	32.44 1.89 0.00	32.34 1.89 0.00	31.34 1.86 0.00	31.94 1.92 0.00	36.27 2.34 0.00	48.05 3.27 0.00	52.80 3.41 0.00	48.14 2.51 0.00	40.36 1.68 0.37	39.95 1.18 0.46	40.01 1.29 0.49	43.50 1.42 0.81	48.25 1.95 1.13	53.41 2.34 1.03	60.16 3.37 1.31	73.38 4.86 1.96	88.27 6.44 0.75	74.62 5.96 0.61	71.38 5.49 0.28	61.26 4.27 0.00	50.94 3.29 0.00	45.42 2.81 0.00	41.08 2.29 0.00
MENANDS___115KV_TB5 355628	34.16 -0.03 0.00	30.51 -0.03 0.00	30.46 0.00 0.00	29.48 0.00 0.00	30.05 0.03 0.00	33.90 -0.03 0.00	44.88 0.09 0.00	49.29 -0.10 0.00	45.58 -0.05 0.00	38.53 0.00 0.53	38.46 -0.12 0.66	38.43 -0.08 0.69	41.67 -0.09 1.14	45.84 0.00 1.61	50.79 0.16 1.46	50.05 0.29 8.35	50.83 0.42 20.07	41.75 0.58 41.40	30.95 0.28 38.60	31.97 0.07 34.26	57.10 0.11 0.00	47.55 -0.10 0.00	42.31 -0.30 0.00	38.60 -0.19 0.00
MG INDUSTRY___DRP 24185	34.37 0.17 0.00	30.73 0.18 0.00	30.67 0.21 0.00	29.69 0.21 0.00	30.26 0.24 0.00	34.13 0.20 0.00	45.05 0.27 0.00	49.49 0.10 0.00	45.63 0.00 0.00	38.90 0.08 0.23	38.68 -0.27 0.29	38.67 -0.24 0.30	42.14 -0.26 0.50	45.74 -1.00 0.70	50.52 -0.94 0.64	53.44 -0.87 3.79	60.41 -0.92 9.15	62.70 -0.91 18.97	49.47 -1.04 18.76	48.46 -1.12 16.58	50.91 -0.91 5.16	45.06 -0.86 1.73	41.62 -0.98 0.00	37.94 -0.85 0.00

MID___OSWEGATCHIE_HYD 23849	47.07 1.06 -11.81	42.72 0.95 -11.23	42.21 0.94 -10.81	42.90 0.94 -12.48	50.34 0.96 -19.36	57.38 1.22 -22.22	75.25 1.97 -28.49	78.37 2.17 -26.80	78.37 1.83 -30.91	78.75 1.21 -38.48	74.28 1.10 -33.95	73.83 1.06 -33.57	68.24 1.03 -24.32	69.44 1.00 -21.00	73.45 0.99 -20.36	62.04 1.16 -2.77	79.83 1.20 -8.16	87.11 1.57 -2.97	84.46 1.52 -13.66	86.53 1.65 -18.71	79.96 1.71 -21.27	77.25 1.72 -27.88	67.06 1.70 -22.75	73.45 1.51 -33.14
MID___RAQUETTE_HYD 23851	51.96 0.92 -16.84	47.50 0.82 -16.13	46.98 0.82 -15.70	48.46 0.83 -18.15	59.19 0.87 -28.30	67.11 1.02 -32.16	88.06 1.70 -41.57	90.23 1.83 -39.01	91.49 1.41 -44.45	95.78 0.86 -55.86	89.15 0.78 -49.13	88.56 0.78 -48.58	77.46 0.73 -33.84	76.82 0.62 -28.76	80.27 0.57 -27.60	60.00 0.41 -1.49	79.94 0.56 -8.90	84.58 0.41 -1.59	86.61 0.35 -17.00	91.18 0.46 -24.55	86.74 1.03 -28.73	87.81 1.29 -38.88	77.00 1.53 -32.87	88.58 1.47 -48.31
MILLIKEN___1 23584	36.46 0.68 -1.58	32.29 0.61 -1.13	31.59 0.55 -0.59	30.59 0.53 -0.58	31.09 0.54 -0.53	36.17 0.68 -1.56	46.65 0.90 -0.97	51.58 1.04 -1.15	49.66 1.10 -2.94	42.18 1.02 -2.11	42.58 1.06 -2.29	42.42 0.94 -2.28	49.51 0.99 -5.63	54.81 1.14 -6.23	60.03 1.09 -6.84	66.88 1.16 -7.61	81.05 1.27 -9.31	92.29 1.57 -8.14	80.36 2.01 -9.08	76.97 2.12 -8.69	65.62 1.20 -7.45	54.83 0.95 -6.23	45.29 0.98 -1.70	40.73 0.70 -1.24
MILLIKEN___2 23585	36.46 0.68 -1.58	32.29 0.61 -1.13	31.59 0.55 -0.59	30.59 0.53 -0.58	31.09 0.54 -0.53	36.17 0.68 -1.56	46.65 0.90 -0.97	51.58 1.04 -1.15	49.66 1.10 -2.94	42.18 1.02 -2.11	42.58 1.06 -2.29	42.42 0.94 -2.28	49.51 0.99 -5.63	54.81 1.14 -6.23	60.03 1.09 -6.84	66.88 1.16 -7.61	81.05 1.27 -9.31	92.29 1.57 -8.14	80.36 2.01 -9.08	76.97 2.12 -8.69	65.62 1.20 -7.45	54.83 0.95 -6.23	45.29 0.98 -1.70	40.73 0.70 -1.24
MILLIKEN___DIESEL 23629	36.46 0.68 -1.58	32.29 0.61 -1.13	31.59 0.55 -0.59	30.59 0.53 -0.58	31.09 0.54 -0.53	36.17 0.68 -1.56	46.65 0.90 -0.97	51.58 1.04 -1.15	49.66 1.10 -2.94	42.18 1.02 -2.11	42.58 1.06 -2.29	42.42 0.94 -2.28	49.51 0.99 -5.63	54.81 1.14 -6.23	60.03 1.09 -6.84	66.88 1.16 -7.61	81.05 1.27 -9.31	92.29 1.57 -8.14	80.36 2.01 -9.08	76.97 2.12 -8.69	65.62 1.20 -7.45	54.83 0.95 -6.23	45.29 0.98 -1.70	40.73 0.70 -1.24
MILLSEAT___LFGE 323607	36.10 1.02 -0.88	32.09 0.92 -0.63	31.76 0.97 -0.33	30.63 0.82 -0.32	31.03 0.72 -0.29	35.48 0.68 -0.87	45.36 0.04 -0.53	50.13 0.10 -0.64	48.00 0.73 -1.64	41.40 1.17 -1.18	41.97 1.45 -1.28	41.41 0.94 -1.27	47.02 0.99 -3.14	52.15 1.23 -3.48	56.70 0.78 -3.81	62.12 -0.23 -4.25	69.88 -1.20 -0.60	79.60 -2.15 0.83	74.61 0.28 -5.07	72.27 1.25 -4.85	57.09 -0.74 -0.85	51.12 0.00 -3.47	44.28 0.72 -0.95	39.99 0.50 -0.69
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.05 0.85 0.00	31.31 0.76 0.00	31.13 0.67 0.00	30.13 0.65 0.00	30.68 0.66 0.00	34.74 0.81 0.00	46.04 1.25 0.00	50.92 1.53 0.00	47.23 1.60 0.00	41.31 1.68 -0.57	41.72 1.77 -0.72	41.80 1.84 -0.76	46.33 2.19 -1.24	51.71 2.51 -1.75	56.66 2.97 -1.60	63.45 3.31 -2.03	77.77 4.30 -2.99	88.59 4.87 -1.14	74.07 3.88 -0.93	70.10 3.51 -0.43	59.72 2.74 0.00	49.55 1.91 0.00	44.01 1.41 0.00	40.08 1.28 0.00
MILLWOOD_13_KV_LOAD 356217	35.12 0.92 0.00	31.37 0.82 0.00	31.22 0.76 0.00	30.19 0.71 0.00	30.74 0.72 0.00	34.85 0.92 0.00	46.17 1.39 0.00	51.07 1.68 0.00	47.36 1.73 0.00	41.43 1.80 -0.57	41.84 1.88 -0.72	41.92 1.96 -0.76	46.45 2.32 -1.24	51.85 2.66 -1.75	56.82 3.13 -1.60	63.68 3.54 -2.03	77.98 4.51 -2.99	88.83 5.12 -1.14	74.42 4.23 -0.93	70.37 3.77 -0.43	59.95 2.96 0.00	49.70 2.05 0.00	44.14 1.53 0.00	40.19 1.40 0.00
MODEL_CITY_ENERGY 24167	34.98 -0.10 -0.88	31.09 -0.09 -0.64	30.78 0.00 -0.33	29.83 0.03 -0.33	30.11 -0.21 -0.30	34.29 -0.51 -0.87	43.53 -1.79 -0.54	48.01 -2.03 -0.65	46.18 -1.10 -1.64	39.89 -0.35 -1.18	40.44 -0.08 -1.28	39.89 -0.59 -1.28	45.36 -0.69 -3.15	50.46 -0.47 -3.49	54.83 -1.10 -3.83	59.98 -2.38 -4.26	67.23 -4.01 -0.77	75.98 -5.95 0.64	71.65 -2.70 -5.08	69.38 -1.65 -4.87	54.64 -3.31 -0.96	49.18 -1.96 -3.49	42.87 -0.68 -0.95	38.87 -0.62 -0.69
MODERN_LFGE___ 323580	34.98 -0.10 -0.88	31.09 -0.09 -0.64	30.78 0.00 -0.33	29.83 0.03 -0.33	30.11 -0.21 -0.30	34.29 -0.51 -0.87	43.53 -1.79 -0.54	48.01 -2.03 -0.65	46.18 -1.10 -1.64	39.89 -0.35 -1.18	40.44 -0.08 -1.28	39.89 -0.59 -1.28	45.36 -0.69 -3.15	50.46 -0.47 -3.49	54.83 -1.10 -3.83	59.98 -2.38 -4.26	67.23 -4.01 -0.77	75.98 -5.95 0.64	71.65 -2.70 -5.08	69.38 -1.65 -4.87	54.64 -3.31 -0.96	49.18 -1.96 -3.49	42.87 -0.68 -0.95	38.87 -0.62 -0.69
MOHAWK_PAPER___DRP 24187	34.37 0.17 0.00	30.70 0.15 0.00	30.64 0.18 0.00	29.66 0.18 0.00	30.23 0.21 0.00	34.13 0.20 0.00	45.14 0.36 0.00	49.59 0.20 0.00	45.86 0.23 0.00	38.76 0.23 0.53	38.66 0.08 0.66	38.63 0.12 0.69	41.92 0.17 1.14	46.12 0.28 1.61	51.10 0.47 1.47	50.53 0.70 8.27	51.54 0.92 19.85	42.85 1.16 40.88	31.99 0.83 38.11	32.94 0.60 33.83	57.49 0.51 0.00	47.89 0.24 0.00	42.60 0.00 0.00	38.87 0.08 0.00
MOHICAN___35_KV_115KV_LD 80490	35.29 1.09 0.00	31.52 0.98 0.00	31.43 0.97 0.00	30.45 0.97 0.00	31.01 0.99 0.00	34.98 1.05 0.00	46.26 1.48 0.00	50.97 1.58 0.00	46.81 1.19 0.00	39.30 0.82 0.58	39.14 0.63 0.73	39.22 0.78 0.76	42.41 0.77 1.26	46.90 1.23 1.77	51.89 1.41 1.61	63.10 1.98 -3.02	83.69 2.75 -10.47	116.69 3.72 -30.40	101.24 3.39 -28.58	95.13 2.91 -26.06	59.15 2.17 0.00	49.27 1.62 0.00	43.80 1.19 0.00	39.77 0.97 0.00
MONGAUP___HYD 23641	35.12 0.92 0.00	31.34 0.79 0.00	31.18 0.73 0.00	30.22 0.74 0.00	30.74 0.72 0.00	34.81 0.88 0.00	46.13 1.34 0.00	50.82 1.43 0.00	46.90 1.28 0.00	40.82 1.29 -0.48	41.05 1.22 -0.60	41.09 1.25 -0.63	45.39 1.46 -1.04	50.57 1.66 -1.47	55.46 2.03 -1.33	62.13 2.33 -1.70	76.22 3.24 -2.50	87.41 3.88 -0.95	73.09 3.04 -0.77	69.50 2.98 -0.36	59.37 2.39 0.00	49.27 1.62 0.00	43.97 1.36 0.00	39.92 1.13 0.00
MONTAUK___DIESEL 23721	35.33 1.13 0.00	31.40 0.86 0.00	30.97 0.52 0.00	29.72 0.24 0.00	30.32 0.30 0.00	34.13 0.20 0.01	41.31 0.09 3.57	42.10 0.35 7.63	41.30 0.27 4.60	40.45 0.82 -0.57	41.13 1.18 -0.71	41.06 1.10 -0.75	45.47 1.33 -1.25	50.48 1.28 -1.76	55.78 2.08 -1.60	62.35 2.21 -2.04	76.80 3.31 -3.01	82.40 3.55 3.72	73.24 3.05 -0.93	68.97 2.38 -0.42	58.57 1.60 0.01	48.45 0.81 0.01	42.43 -0.17 0.01	39.33 0.54 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.14 1.03 -0.91	32.03 0.82 -0.66	31.56 0.76 -0.34	30.88 1.06 -0.34	31.23 0.90 -0.31	35.88 1.05 -0.90	46.15 0.81 -0.55	50.70 0.64 -0.67	48.52 1.19 -1.70	41.88 1.60 -1.22	42.76 2.20 -1.32	42.25 1.72 -1.32	47.91 1.76 -3.26	53.28 2.23 -3.61	57.93 1.88 -3.96	63.67 1.16 -4.40	72.27 0.49 -1.30	81.80 -0.74 0.03	76.74 2.22 -5.26	74.11 2.91 -5.03	58.66 0.28 -1.39	51.82 0.57 -3.60	45.25 1.66 -0.98	40.79 1.28 -0.72

MORRIS_RIDGE___SOLAR 323848	35.48 0.24 -1.04	31.51 0.22 -0.75	31.08 0.24 -0.39	30.13 0.26 -0.38	30.46 0.09 -0.35	35.06 0.10 -1.03	45.10 -0.31 -0.63	49.70 -0.45 -0.76	47.74 0.18 -1.93	40.92 0.47 -1.39	41.49 0.74 -1.50	40.90 0.20 -1.50	46.82 0.22 -3.71	52.11 0.57 -4.10	56.86 0.26 -4.50	62.53 -0.58 -5.01	72.11 -1.41 -3.04	82.01 -2.31 -1.75	75.45 0.21 -5.97	72.74 0.86 -5.72	58.86 -0.80 -2.68	51.51 -0.24 -4.10	44.24 0.51 -1.12	40.00 0.39 -0.81
MORTIMER_115KV_TB3 55949	35.61 0.55 -0.87	31.63 0.46 -0.62	31.17 0.40 -0.32	30.12 0.32 -0.32	30.61 0.30 -0.29	35.09 0.31 -0.86	45.22 -0.09 -0.53	49.98 -0.05 -0.64	47.61 0.37 -1.62	40.96 0.74 -1.16	41.52 1.02 -1.26	41.36 0.90 -1.25	46.85 0.86 -3.10	51.77 0.90 -3.43	56.49 0.63 -3.76	62.35 0.06 -4.19	70.08 -0.49 -0.10	80.31 -0.91 1.36	74.61 0.35 -5.00	72.01 1.06 -4.78	57.20 -0.28 -0.50	51.03 -0.05 -3.43	43.88 0.34 -0.94	39.55 0.08 -0.68
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.27 1.88 0.00	47.64 2.01 0.00	41.70 2.07 -0.58	42.16 2.20 -0.72	42.28 2.31 -0.76	46.85 2.70 -1.25	52.29 3.08 -1.77	57.30 3.59 -1.61	64.22 4.07 -2.05	78.71 5.22 -3.03	89.59 5.86 -1.15	74.84 4.64 -0.93	70.77 4.17 -0.43	60.23 3.25 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.39 1.59 0.00
MUNSVILLE_WIND_PWR 323609	37.22 1.91 -1.11	33.11 1.77 -0.80	32.63 1.77 -0.41	31.63 1.74 -0.41	32.16 1.77 -0.37	37.36 2.34 -1.09	49.05 3.58 -0.68	54.25 4.05 -0.81	51.48 3.79 -2.06	43.62 3.08 -1.48	43.87 3.02 -1.61	43.59 2.78 -1.60	49.72 2.87 -3.96	55.09 3.27 -4.38	60.34 3.44 -4.80	67.81 4.36 -5.34	82.39 5.35 -6.57	95.06 6.77 -5.72	82.29 6.65 -6.38	78.88 6.62 -6.10	67.34 5.13 -5.23	55.74 3.72 -4.37	47.21 3.41 -1.19	42.46 2.79 -0.87
N SALMON___HYD 24042	41.64 1.44 -6.01	37.58 1.25 -5.78	37.37 1.25 -5.66	37.30 1.27 -6.56	41.62 1.35 -10.25	47.10 1.60 -11.58	61.26 1.43 -15.04	64.73 1.24 -14.10	62.49 0.91 -15.95	60.19 0.98 -20.16	57.87 0.94 -17.70	57.64 0.94 -17.50	55.52 0.73 -11.90	57.93 0.47 -10.01	62.22 0.57 -9.55	58.69 0.58 0.00	73.88 0.91 -2.50	86.36 1.07 -2.72	75.84 1.04 -5.54	75.47 0.99 -8.31	68.21 1.31 -9.92	62.82 1.48 -13.69	56.26 1.83 -11.83	58.32 2.05 -17.47
N.AKRON__115KV_KNAPP 355671	36.38 1.30 -0.88	32.28 1.10 -0.63	31.79 1.01 -0.33	30.75 0.94 -0.32	31.15 0.84 -0.29	35.68 0.88 -0.87	45.59 0.27 -0.53	50.28 0.25 -0.64	48.09 0.82 -1.64	41.64 1.41 -1.18	42.32 1.80 -1.28	41.96 1.49 -1.27	47.37 1.33 -3.14	52.39 1.47 -3.48	56.90 0.99 -3.81	62.41 0.06 -4.25	70.27 -0.78 -0.57	80.18 -1.57 0.82	75.03 0.69 -5.07	72.93 1.92 -4.85	57.49 -0.34 -0.85	51.22 0.10 -3.47	44.49 0.94 -0.95	40.15 0.66 -0.69
N.E_GEN_SANDY PD 24062	34.54 0.34 0.00	30.88 0.34 0.00	30.73 0.27 0.00	29.77 0.29 0.00	30.35 0.33 0.00	34.30 0.37 0.00	45.50 0.71 0.00	49.98 0.59 0.00	46.18 0.55 0.00	34.71 0.62 4.96	33.67 0.63 6.19	33.38 0.71 6.53	34.54 0.81 9.17	36.00 0.90 12.34	41.36 1.14 11.88	44.44 1.39 15.06	53.10 1.76 19.14	90.30 2.07 -5.66	77.29 1.52 -6.50	76.80 1.32 -9.31	58.18 1.20 0.00	48.41 0.76 0.00	43.51 0.30 -0.60	38.00 0.39 1.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.05 0.85 0.00	31.28 0.73 0.00	31.13 0.67 0.00	30.10 0.62 0.00	30.65 0.63 0.00	34.74 0.81 0.00	46.13 1.34 0.00	51.02 1.63 0.00	47.32 1.69 0.00	41.36 1.76 -0.54	41.76 1.84 -0.68	41.80 1.88 -0.71	46.30 2.23 -1.17	51.71 2.61 -1.66	56.68 3.07 -1.51	63.45 3.43 -1.92	77.74 4.44 -2.83	88.61 4.95 -1.08	73.95 3.81 -0.87	70.01 3.44 -0.40	59.66 2.68 0.00	49.51 1.86 0.00	44.01 1.41 0.00	40.04 1.24 0.00
N.QUEENS_27_KV_LOAD 356247	35.63 1.44 0.00	31.77 1.22 0.00	31.58 1.13 0.00	30.58 1.09 -0.01	31.13 1.11 0.00	35.15 1.22 0.00	46.49 1.70 0.00	51.41 2.02 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.16 3.00 -1.26	52.59 3.37 -1.77	57.72 4.01 -1.61	64.63 4.47 -2.05	79.21 5.71 -3.02	90.33 6.61 -1.15	75.33 5.13 -0.93	71.16 4.57 -0.43	60.46 3.48 0.00	50.08 2.43 0.00	44.87 2.26 -0.01	40.86 2.06 -0.01
N.TROY___115KV_TB1 355778	34.68 0.48 0.00	31.00 0.46 0.00	30.91 0.46 0.00	29.92 0.44 0.00	30.50 0.48 0.00	34.44 0.51 0.00	45.59 0.81 0.00	50.23 0.84 0.00	46.36 0.73 0.00	38.92 0.62 0.76	38.83 0.55 0.95	38.79 0.59 1.01	41.92 0.69 1.66	46.01 0.90 2.33	51.12 1.15 2.12	69.31 1.39 -9.81	101.64 1.83 -29.34	161.17 2.31 -76.28	142.68 1.87 -71.54	132.50 1.59 -64.74	58.12 1.14 0.00	48.46 0.81 0.00	43.03 0.43 0.00	39.26 0.47 0.00
NARROWS_GT1_1 24228	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT1_2 24229	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT1_3 24230	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT1_4 24231	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT1_5 24232	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00

NARROWS_GT1_6 24233	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT1_7 24234	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT1_8 24235	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT2_1 24236	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT2_2 24237	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT2_3 24238	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT2_4 24239	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT2_5 24240	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT2_6 24241	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT2_7 24242	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NARROWS_GT2_8 24243	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.77 4.07 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.17 6.44 -1.15	75.26 5.05 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.98 0.79 0.00	31.28 0.73 0.00	31.25 0.79 0.00	30.25 0.77 0.00	30.80 0.78 0.00	34.78 0.85 0.00	45.99 1.21 0.00	50.33 0.94 0.00	46.13 0.50 0.00	39.88 0.82 0.00	39.39 0.16 0.00	39.28 0.08 0.00	43.07 0.17 0.00	47.59 0.14 0.00	52.52 0.42 0.00	56.19 0.64 2.56	64.93 1.34 6.89	68.69 2.06 15.94	54.27 1.39 16.38	52.99 1.39 14.56	51.25 1.31 7.04	46.04 0.76 2.37	42.73 0.13 0.00	38.83 0.04 0.00
NCHELSEA_115KV_TR2 355582	35.16 0.96 0.00	31.37 0.82 0.00	31.25 0.79 0.00	30.25 0.77 0.00	30.80 0.78 0.00	34.85 0.92 0.00	46.17 1.39 0.00	50.92 1.53 0.00	47.13 1.51 0.00	41.09 1.60 -0.43	41.35 1.57 -0.54	41.34 1.57 -0.57	45.76 1.93 -0.94	51.04 2.28 -1.32	56.01 2.71 -1.21	62.60 2.96 -1.53	76.68 3.95 -2.26	87.89 4.46 -0.86	73.43 3.46 -0.70	69.73 3.24 -0.32	59.60 2.62 0.00	49.51 1.86 0.00	44.01 1.41 0.00	40.04 1.24 0.00
NEG CAPITAL___MECHNVIL 23645	35.22 1.02 0.00	31.46 0.92 0.00	31.34 0.88 0.00	30.36 0.88 0.00	30.92 0.90 0.00	34.95 1.02 0.00	46.26 1.48 0.00	50.97 1.58 0.00	46.90 1.28 0.00	39.41 1.01 0.66	39.32 0.90 0.82	39.36 1.02 0.87	47.04 1.11 -3.04	54.82 1.47 -5.90	57.30 1.67 -3.53	64.87 2.09 -4.67	88.49 2.82 -15.20	128.33 3.55 -42.21	112.03 3.12 -39.65	104.93 2.71 -36.04	59.03 2.05 0.00	49.17 1.52 0.00	43.71 1.11 0.00	39.77 0.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.89 -0.27 -0.97	31.00 -0.25 -0.70	30.60 -0.21 -0.36	29.51 -0.32 -0.36	29.99 -0.36 -0.32	34.48 -0.41 -0.96	44.52 -0.85 -0.59	49.36 -0.74 -0.71	47.12 -0.32 -1.81	40.40 0.04 -1.30	40.84 0.20 -1.41	40.61 0.00 -1.40	46.36 0.00 -3.47	51.28 0.00 -3.84	56.00 -0.31 -4.21	61.92 -0.87 -4.68	69.99 -1.55 -1.06	80.14 -1.98 0.45	74.03 -0.83 -5.59	71.19 -0.33 -5.35	57.00 -1.20 -1.22	50.67 -0.81 -3.83	43.14 -0.51 -1.05	38.86 -0.70 -0.76

NEG CENTRAL___DRP 24199	37.10 0.68 -2.22	32.83 0.61 -1.67	32.01 0.55 -1.01	31.03 0.50 -1.05	31.71 0.51 -1.18	37.10 0.68 -2.49	46.65 0.72 -1.14	51.72 0.94 -1.39	50.21 1.05 -3.53	42.69 1.09 -2.54	43.20 1.22 -2.75	43.00 1.06 -2.74	50.74 1.07 -6.77	56.16 1.23 -7.49	61.41 1.09 -8.21	68.24 0.99 -9.14	82.44 0.85 -11.12	93.10 0.74 -9.78	81.98 1.80 -10.91	78.73 2.12 -10.44	66.84 0.91 -8.95	55.89 0.76 -7.48	45.54 0.89 -2.04	40.82 0.54 -1.49
NEG CENTRAL___INDECK 23768	36.72 1.50 -1.02	32.62 1.34 -0.73	32.17 1.34 -0.38	31.00 1.15 -0.37	31.50 1.14 -0.34	36.29 1.36 -1.01	46.88 1.48 -0.62	51.91 1.78 -0.74	49.44 1.92 -1.89	42.18 1.76 -1.36	42.67 1.96 -1.47	42.12 1.45 -1.47	48.03 1.50 -3.63	53.36 1.90 -4.02	58.28 1.77 -4.41	64.35 1.34 -4.91	74.17 1.27 -2.42	85.12 1.49 -1.06	78.31 3.19 -5.85	75.61 3.84 -5.60	60.97 1.77 -2.22	53.47 1.81 -4.01	45.66 1.96 -1.10	41.03 1.44 -0.80
NEG CENTRAL___SENECA 23627	36.96 1.09 -1.67	32.72 0.98 -1.20	31.96 0.88 -0.62	30.95 0.85 -0.61	31.42 0.84 -0.56	36.69 1.12 -1.65	47.00 1.21 -1.01	52.04 1.43 -1.22	50.28 1.55 -3.10	42.85 1.56 -2.23	43.38 1.73 -2.41	43.14 1.53 -2.40	50.38 1.54 -5.95	55.87 1.85 -6.58	60.98 1.67 -7.21	67.71 1.57 -8.03	80.45 1.41 -8.57	91.00 1.24 -7.19	81.48 2.63 -9.58	78.45 3.11 -9.17	65.46 1.48 -6.99	55.46 1.24 -6.57	45.76 1.36 -1.80	41.03 0.93 -1.31
NEG CENTRAL___STATE_STREET 24147	36.85 0.34 -2.31	32.60 0.31 -1.75	31.75 0.24 -1.05	30.81 0.24 -1.09	31.46 0.21 -1.23	36.87 0.34 -2.60	46.38 0.40 -1.20	51.43 0.59 -1.45	50.00 0.68 -3.69	42.41 0.70 -2.65	42.90 0.78 -2.87	42.77 0.71 -2.86	50.70 0.73 -7.08	56.03 0.76 -7.83	61.31 0.63 -8.59	68.24 0.58 -9.56	82.59 0.49 -11.63	93.38 0.58 -10.23	81.85 1.18 -11.40	78.40 1.32 -10.91	66.90 0.57 -9.35	55.90 0.43 -7.82	45.25 0.51 -2.14	40.62 0.27 -1.55
NEG MILLWOOD___DRP 24198	35.26 1.06 0.00	31.52 0.98 0.00	31.40 0.94 0.00	30.39 0.91 0.00	30.92 0.90 0.00	35.05 1.12 0.00	46.44 1.66 0.00	51.32 1.93 0.00	47.54 1.92 0.00	41.50 1.95 -0.49	41.82 1.96 -0.62	41.85 2.00 -0.65	46.37 2.40 -1.07	51.70 2.75 -1.51	56.65 3.18 -1.37	63.40 3.54 -1.75	77.77 4.72 -2.58	88.84 5.28 -0.98	74.50 4.43 -0.80	70.64 4.10 -0.37	60.23 3.25 0.00	49.93 2.29 0.00	44.35 1.75 0.00	40.31 1.51 0.00
NEG NORTH_FLCN_SEA 23793	37.27 1.81 -1.26	33.32 1.56 -1.22	33.17 1.52 -1.19	32.42 1.56 -1.38	33.86 1.68 -2.16	38.33 1.97 -2.44	49.48 1.52 -3.17	53.55 1.19 -2.97	49.99 1.00 -3.36	44.52 1.21 -4.25	44.22 1.26 -3.73	44.15 1.25 -3.69	46.09 0.69 -2.51	48.89 -0.66 -2.11	52.76 -1.35 -2.01	56.60 -1.51 0.00	69.38 -1.62 -0.53	80.84 -1.73 0.00	68.98 -1.45 -1.17	66.53 -1.39 -1.75	58.27 -0.80 -2.09	50.53 0.00 -2.89	46.63 1.53 -2.49	44.96 2.48 -3.68
NEG NORTH_KES_CHATEGAY 23792	37.71 1.06 -2.45	33.82 0.92 -2.36	33.68 0.91 -2.31	33.10 0.94 -2.68	35.22 1.02 -4.18	39.84 1.19 -4.73	52.10 1.16 -6.15	56.24 1.09 -5.76	52.97 0.82 -6.52	47.99 0.70 -8.23	47.17 0.71 -7.23	47.06 0.71 -7.15	48.23 0.47 -4.86	51.39 -0.14 -4.09	55.58 -0.42 -3.90	57.70 -0.41 0.00	71.21 -0.28 -1.02	82.33 -0.25 0.00	71.32 -0.21 -2.26	69.36 -0.20 -3.39	61.32 0.28 -4.05	53.86 0.62 -5.59	48.63 1.19 -4.83	47.52 1.59 -7.14
NEG NORTH___ALICE_FALLS 23915	37.49 1.81 -1.48	33.53 1.56 -1.42	33.37 1.52 -1.39	32.66 1.56 -1.61	34.22 1.68 -2.52	38.75 1.97 -2.85	50.29 1.79 -3.71	54.50 1.63 -3.48	50.88 1.32 -3.93	45.39 1.37 -4.97	44.93 1.33 -4.36	44.89 1.37 -4.31	46.77 0.94 -2.93	49.82 -0.09 -2.47	53.88 -0.57 -2.35	57.53 -0.58 0.00	70.60 -0.49 -0.62	82.24 -0.33 0.00	70.43 -0.21 -1.36	68.02 -0.20 -2.05	59.65 0.23 -2.44	51.74 0.71 -3.38	47.35 1.83 -2.92	45.59 2.48 -4.31
NEG NORTH___LWR_SARANAC 23913	37.49 1.81 -1.48	33.53 1.56 -1.42	33.37 1.52 -1.39	32.66 1.56 -1.61	34.22 1.68 -2.52	38.75 1.97 -2.85	50.29 1.79 -3.71	54.50 1.63 -3.48	50.88 1.32 -3.93	45.39 1.37 -4.97	44.93 1.33 -4.36	44.89 1.37 -4.31	46.77 0.94 -2.93	49.82 -0.09 -2.47	53.88 -0.57 -2.35	57.53 -0.58 0.00	70.60 -0.49 -0.62	82.24 -0.33 0.00	70.43 -0.21 -1.36	68.02 -0.20 -2.05	59.65 0.23 -2.44	51.74 0.71 -3.38	47.35 1.83 -2.92	45.59 2.48 -4.31
NEG NORTH___PLATTSBURG 23628	37.49 1.81 -1.48	33.53 1.56 -1.42	33.37 1.52 -1.39	32.66 1.56 -1.61	34.22 1.68 -2.52	38.75 1.97 -2.85	49.30 0.81 -3.71	52.87 0.00 -3.48	49.38 -0.18 -3.93	44.65 0.62 -4.97	44.19 0.59 -4.36	44.14 0.63 -4.31	45.96 0.13 -2.93	49.29 -0.62 -2.47	53.88 -0.57 -2.35	57.53 -0.58 0.00	70.60 -0.49 -0.62	82.92 -0.33 -0.67	70.43 -0.21 -1.36	68.02 -0.20 -2.05	59.66 0.23 -2.44	51.74 0.72 -3.38	47.35 1.83 -2.92	45.62 2.52 -4.31
NEG WEST_LEA_LOCKPORT 23791	35.43 0.34 -0.89	31.40 0.21 -0.64	30.94 0.15 -0.33	30.10 0.29 -0.33	30.38 0.06 -0.30	34.67 -0.14 -0.87	43.98 -1.34 -0.54	48.36 -1.68 -0.65	46.41 -0.87 -1.65	40.28 0.04 -1.18	40.95 0.43 -1.28	40.64 0.16 -1.28	45.97 -0.09 -3.16	50.94 0.00 -3.50	55.31 -0.63 -3.84	60.63 -1.74 -4.27	67.97 -3.24 -0.73	76.89 -5.04 0.64	72.42 -1.94 -5.10	70.38 -0.66 -4.88	55.27 -2.68 -0.97	49.52 -1.62 -3.49	43.30 -0.26 -0.95	39.18 -0.31 -0.69
NEG WEST___LANCASTR 23811	35.25 0.14 -0.92	31.23 0.03 -0.66	30.73 -0.06 -0.34	29.90 0.09 -0.34	30.21 -0.12 -0.31	34.67 -0.17 -0.91	44.45 -0.90 -0.56	48.48 -1.58 -0.67	46.51 -0.82 -1.71	40.16 -0.12 -1.23	40.92 0.35 -1.33	40.49 -0.04 -1.32	45.95 -0.21 -3.27	51.06 0.00 -3.62	55.55 -0.52 -3.97	61.01 -1.51 -4.42	69.07 -2.75 -1.34	78.21 -4.38 -0.01	73.36 -1.18 -5.27	70.95 -0.26 -5.04	56.07 -2.34 -1.42	49.69 -1.57 -3.61	43.34 -0.26 -0.99	39.24 -0.27 -0.72
NEG_PENN_ALLEGHNY 23528	35.68 0.38 -1.11	31.71 0.37 -0.80	31.23 0.37 -0.41	30.21 0.32 -0.41	30.69 0.30 -0.37	35.40 0.37 -1.10	45.95 0.49 -0.67	50.75 0.54 -0.81	48.42 0.73 -2.06	41.28 0.74 -1.48	41.71 0.86 -1.61	41.51 0.71 -1.60	47.62 0.77 -3.96	52.82 1.00 -4.38	57.78 0.88 -4.80	64.26 0.81 -5.34	76.73 0.78 -5.48	87.70 0.66 -4.47	76.89 1.25 -6.38	73.59 1.32 -6.10	61.90 0.45 -4.46	52.45 0.43 -4.37	44.40 0.60 -1.19	40.09 0.43 -0.87
NEG___GEN_MONROE 24207	35.79 0.72 -0.87	31.78 0.61 -0.63	31.33 0.55 -0.32	30.27 0.47 -0.32	30.76 0.45 -0.29	35.30 0.51 -0.86	45.31 0.00 -0.53	49.98 -0.05 -0.64	47.66 0.41 -1.62	41.12 0.90 -1.16	41.67 1.18 -1.26	41.48 1.02 -1.25	46.90 0.90 -3.10	51.78 0.90 -3.43	56.49 0.63 -3.77	62.24 -0.06 -4.19	69.96 -0.63 -0.12	80.09 -1.16 1.33	74.62 0.35 -5.00	72.08 1.12 -4.79	57.22 -0.28 -0.52	51.08 0.00 -3.43	44.01 0.47 -0.94	39.75 0.27 -0.68
NEPA___ENERGY 23901	35.69 0.58 -0.91	31.66 0.46 -0.66	31.13 0.34 -0.34	30.32 0.50 -0.34	30.63 0.30 -0.31	35.14 0.31 -0.90	45.07 -0.27 -0.55	49.37 -0.69 -0.67	47.33 0.00 -1.70	40.83 0.55 -1.22	41.54 0.98 -1.32	41.15 0.63 -1.32	46.71 0.56 -3.26	51.86 0.81 -3.61	56.42 0.36 -3.96	61.99 -0.52 -4.40	70.24 -1.55 -1.31	79.67 -2.89 0.02	74.59 0.07 -5.26	72.19 0.99 -5.03	57.01 -1.37 -1.40	50.58 -0.67 -3.60	44.14 0.55 -0.98	39.78 0.27 -0.72

NEVERSINK___HYD 23608	35.02 0.82 0.00	31.28 0.73 0.00	31.12 0.67 0.00	30.13 0.65 0.00	30.68 0.66 0.00	34.74 0.81 0.00	46.09 1.30 0.00	50.82 1.43 0.00	47.00 1.37 0.00	40.86 1.45 -0.36	41.06 1.37 -0.45	41.05 1.37 -0.47	45.39 1.72 -0.78	50.48 1.95 -1.09	55.33 2.24 -1.00	61.93 2.55 -1.27	75.80 3.45 -1.87	87.33 4.05 -0.71	72.78 3.04 -0.47	69.32 2.98 -0.18	58.90 2.45 0.53	49.09 1.62 0.18	43.93 1.32 0.00	39.92 1.13 0.00
NEWKRMKL_115KV_TB1 55635	33.99 -0.21 0.00	30.39 -0.15 0.00	30.33 -0.12 0.00	29.36 -0.12 0.00	29.93 -0.09 0.00	33.76 -0.17 0.00	44.65 -0.13 0.00	49.09 -0.30 0.00	45.40 -0.23 0.00	38.47 -0.12 0.47	38.37 -0.27 0.59	38.31 -0.27 0.62	41.61 -0.26 1.02	45.81 -0.19 1.44	50.74 -0.05 1.31	51.28 0.06 6.88	54.23 0.14 16.38	49.45 0.25 33.37	38.17 0.00 31.10	38.39 -0.20 27.57	56.87 -0.11 0.00	47.36 -0.29 0.00	42.09 -0.51 0.00	38.41 -0.39 0.00
NEWTON___FALLS_HYD 23847	47.07 1.06 -11.81	42.72 0.95 -11.23	42.21 0.94 -10.81	42.90 0.94 -12.48	50.34 0.96 -19.36	57.38 1.22 -22.22	75.25 1.97 -28.49	78.37 2.17 -26.80	78.37 1.83 -30.91	78.75 1.21 -38.48	74.28 1.10 -33.95	73.83 1.06 -33.57	68.24 1.03 -24.32	69.44 1.00 -21.00	73.45 0.99 -20.36	62.04 1.16 -2.77	79.83 1.20 -8.16	87.11 1.57 -2.97	84.46 1.52 -13.66	86.53 1.65 -18.71	79.96 1.71 -21.27	77.25 1.72 -27.88	67.06 1.70 -22.75	73.45 1.51 -33.14
NGRID_A1_DSASP 323792	35.18 0.10 -0.88	31.24 0.06 -0.63	30.93 0.15 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.46 -0.34 -0.87	43.17 -2.15 -0.53	47.56 -2.47 -0.64	45.85 -1.41 -1.63	39.57 -0.66 -1.17	40.12 -0.39 -1.27	39.57 -0.90 -1.27	45.04 -0.98 -3.13	50.06 -0.85 -3.47	54.39 -1.51 -3.80	59.49 -2.85 -4.23	66.56 -4.65 -0.74	75.22 -6.69 0.67	70.86 -3.46 -5.05	68.62 -2.38 -4.83	54.05 -3.88 -0.94	48.77 -2.33 -3.46	42.53 -1.02 -0.95	39.06 -0.43 -0.69
NGRID_A2_DSASP 323793	35.18 0.10 -0.88	31.24 0.06 -0.63	30.93 0.15 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.46 -0.34 -0.87	43.17 -2.15 -0.53	47.56 -2.47 -0.64	45.85 -1.41 -1.63	39.57 -0.66 -1.17	40.12 -0.39 -1.27	39.57 -0.90 -1.27	45.04 -0.98 -3.13	50.06 -0.85 -3.47	54.39 -1.51 -3.80	59.49 -2.85 -4.23	66.56 -4.65 -0.74	75.22 -6.69 0.67	70.86 -3.46 -5.05	68.62 -2.38 -4.83	54.05 -3.88 -0.94	48.77 -2.33 -3.46	42.53 -1.02 -0.95	39.06 -0.43 -0.69
NGRID_A4_DSASP 323807	35.18 0.10 -0.88	31.24 0.06 -0.63	30.93 0.15 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.46 -0.34 -0.87	43.17 -2.15 -0.53	47.56 -2.47 -0.64	45.85 -1.41 -1.63	39.57 -0.66 -1.17	40.12 -0.39 -1.27	39.57 -0.90 -1.27	45.04 -0.98 -3.13	50.06 -0.85 -3.47	54.39 -1.51 -3.80	59.49 -2.85 -4.23	66.56 -4.65 -0.74	75.22 -6.69 0.67	70.86 -3.46 -5.05	68.62 -2.38 -4.83	54.05 -3.88 -0.94	48.77 -2.33 -3.46	42.53 -1.02 -0.95	39.06 -0.43 -0.69
NIAGARA_115E_LBMP 323715	34.81 -0.27 -0.88	30.94 -0.25 -0.64	30.63 -0.15 -0.33	29.69 -0.12 -0.33	29.96 -0.36 -0.30	34.12 -0.68 -0.87	43.31 -2.01 -0.54	47.72 -2.32 -0.65	45.86 -1.41 -1.64	39.65 -0.58 -1.18	40.20 -0.32 -1.28	39.65 -0.83 -1.28	45.14 -0.90 -3.15	50.17 -0.76 -3.49	54.52 -1.40 -3.83	59.64 -2.73 -4.26	66.82 -4.44 -0.78	75.51 -6.44 0.62	71.17 -3.19 -5.08	68.91 -2.12 -4.87	54.31 -3.65 -0.98	48.89 -2.24 -3.49	42.62 -0.94 -0.95	38.67 -0.82 -0.69
NIAGARA_115W_LBMP 323714	35.11 0.03 -0.88	31.21 0.03 -0.63	30.90 0.12 -0.33	30.07 0.26 -0.32	30.25 -0.06 -0.29	34.42 -0.37 -0.87	43.04 -2.28 -0.53	47.41 -2.62 -0.64	45.76 -1.50 -1.63	39.45 -0.78 -1.17	40.00 -0.51 -1.27	39.45 -1.02 -1.27	44.91 -1.12 -3.13	49.91 -1.00 -3.46	54.23 -1.67 -3.80	59.31 -3.02 -4.23	66.34 -4.86 -0.73	74.96 -6.94 0.68	70.64 -3.67 -5.05	68.48 -2.51 -4.83	53.93 -3.99 -0.93	48.62 -2.48 -3.46	42.44 -1.11 -0.95	38.98 -0.51 -0.69
NIAGARA_230_LBMP 323716	35.14 0.07 -0.87	31.20 0.03 -0.63	30.90 0.12 -0.32	29.98 0.18 -0.32	30.25 -0.06 -0.29	34.45 -0.34 -0.86	43.66 -1.66 -0.53	48.10 -1.93 -0.64	46.34 -0.91 -1.62	39.95 -0.27 -1.17	40.50 0.00 -1.26	39.95 -0.51 -1.26	45.44 -0.56 -3.11	50.50 -0.38 -3.44	54.98 -0.89 -3.77	60.22 -2.09 -4.20	67.38 -3.74 -0.65	76.28 -5.53 0.76	71.79 -2.49 -5.01	69.51 -1.46 -4.80	54.78 -3.08 -0.87	49.37 -1.71 -3.44	42.99 -0.56 -0.94	39.01 -0.46 -0.68
NIAGARA___115KV_198_GIBSON 55903	35.21 0.14 -0.88	31.24 0.06 -0.63	30.78 0.00 -0.33	30.07 0.27 -0.32	30.25 -0.06 -0.29	34.42 -0.37 -0.87	43.03 -2.28 -0.53	47.27 -2.77 -0.64	45.48 -1.78 -1.63	39.45 -0.78 -1.17	40.12 -0.39 -1.27	39.84 -0.63 -1.27	45.08 -0.94 -3.13	49.91 -1.00 -3.46	54.13 -1.77 -3.80	59.31 -3.02 -4.23	66.31 -4.86 -0.70	74.96 -6.94 0.67	70.64 -3.67 -5.05	68.68 -2.32 -4.83	53.87 -4.05 -0.94	48.49 -2.62 -3.46	42.44 -1.11 -0.95	38.94 -0.54 -0.69
NIAGARA____ 23760	35.15 0.07 -0.88	31.21 0.03 -0.63	30.91 0.12 -0.33	29.98 0.18 -0.32	30.25 -0.06 -0.29	34.46 -0.34 -0.87	43.66 -1.66 -0.53	48.11 -1.93 -0.64	46.35 -0.91 -1.64	39.96 -0.27 -1.17	40.51 0.00 -1.27	39.96 -0.51 -1.27	45.47 -0.56 -3.14	50.53 -0.38 -3.47	55.02 -0.89 -3.80	60.25 -2.09 -4.23	67.45 -3.74 -0.72	76.35 -5.53 0.69	71.82 -2.49 -5.04	69.54 -1.46 -4.83	54.83 -3.08 -0.92	49.40 -1.71 -3.46	43.00 -0.56 -0.95	39.02 -0.46 -0.69
NINE_MILE_1 23575	21.49 -0.82 11.88	21.30 -0.70 8.55	25.34 -0.70 4.42	24.40 -0.71 4.37	25.33 -0.72 3.97	21.37 -0.81 11.74	36.53 -1.16 7.09	39.51 -1.19 8.69	22.50 -1.00 22.13	22.37 -0.78 15.90	21.26 -0.75 17.23	21.22 -0.83 17.16	-0.44 -0.90 42.43	-0.49 -1.00 46.93	-0.53 -1.15 51.49	-0.59 -1.40 57.31	-67.34 -1.83 135.98	-58.47 -2.15 138.89	-0.71 -1.59 68.39	-0.68 -1.39 65.45	-48.35 -1.48 103.85	-0.49 -1.24 46.89	28.77 -1.02 12.81	28.47 -1.01 9.32
NINE_MILE_2 23744	21.29 -0.82 12.09	21.15 -0.70 8.69	25.26 -0.70 4.49	24.32 -0.71 4.45	25.26 -0.72 4.04	21.17 -0.81 11.94	36.41 -1.16 7.22	39.36 -1.19 8.84	22.12 -1.00 22.50	22.10 -0.78 16.17	20.97 -0.75 17.52	20.93 -0.83 17.45	-1.16 -0.90 43.15	-1.29 -1.00 47.73	-1.41 -1.15 52.36	-1.57 -1.40 58.28	-69.49 -1.83 138.13	-60.65 -2.15 141.07	-1.87 -1.59 69.55	-1.79 -1.39 66.57	-50.01 -1.48 105.51	-1.29 -1.24 47.69	28.55 -1.02 13.03	28.31 -1.01 9.47
NM_CAPITAL___DRP 24208	34.06 -0.14 0.00	30.45 -0.09 0.00	30.39 -0.06 0.00	29.42 -0.06 0.00	29.99 -0.03 0.00	33.83 -0.10 0.00	44.74 -0.04 0.00	49.19 -0.20 0.00	45.49 -0.14 0.00	38.46 -0.08 0.52	38.39 -0.20 0.65	38.32 -0.20 0.69	41.59 -0.17 1.13	45.76 -0.09 1.59	50.70 0.05 1.45	49.81 0.17 8.47	50.27 0.21 20.42	40.71 0.41 42.28	29.92 0.07 39.42	31.03 -0.13 35.00	56.98 0.00 0.00	47.46 -0.19 0.00	42.18 -0.43 0.00	38.52 -0.27 0.00
NM_CENTRAL___DRP 24181	36.07 -0.10 -1.97	31.99 -0.09 -1.54	31.35 -0.12 -1.02	30.44 -0.12 -1.08	31.24 -0.12 -1.34	36.17 -0.17 -2.41	46.57 -0.31 -2.10	51.44 -0.20 -2.24	49.65 -0.05 -4.07	42.78 0.08 -3.64	43.00 0.16 -3.60	42.90 0.12 -3.58	49.29 0.13 -6.26	54.21 0.09 -6.67	59.30 0.00 -7.20	65.13 -0.12 -7.14	76.87 -0.28 -6.68	87.16 -0.41 -5.00	78.24 0.00 -8.97	75.07 0.07 -8.84	62.82 -0.34 -6.18	54.33 -0.29 -6.97	45.00 -0.17 -2.57	41.12 -0.27 -2.60

NM_FRONTIER___DRP 24179	35.21 0.14 -0.88	31.24 0.06 -0.63	30.78 0.00 -0.33	30.07 0.27 -0.32	30.25 -0.06 -0.29	34.42 -0.37 -0.87	43.03 -2.28 -0.53	47.27 -2.77 -0.64	45.48 -1.78 -1.63	39.45 -0.78 -1.17	40.12 -0.39 -1.27	39.84 -0.63 -1.27	45.08 -0.94 -3.13	49.91 -1.00 -3.46	54.13 -1.77 -3.80	59.31 -3.02 -4.23	66.31 -4.86 -0.70	74.96 -6.94 0.67	70.64 -3.67 -5.05	68.68 -2.32 -4.83	53.87 -4.05 -0.94	48.49 -2.62 -3.46	42.44 -1.11 -0.95	38.94 -0.54 -0.69
NM_ST_REGIS___HYD 24053	49.94 1.09 -14.65	45.51 0.95 -14.02	45.05 0.94 -13.65	46.23 0.97 -15.78	55.61 0.99 -24.60	63.08 1.19 -27.96	82.71 1.79 -36.13	85.18 1.88 -33.91	85.73 1.46 -38.64	88.59 0.98 -48.56	82.89 0.94 -42.71	82.37 0.94 -42.23	73.20 0.86 -29.45	73.09 0.62 -25.03	76.71 0.57 -24.04	59.92 0.46 -1.35	78.91 0.63 -7.80	84.68 0.66 -1.44	84.66 0.55 -14.84	88.16 0.60 -21.40	83.14 1.14 -25.02	82.86 1.38 -33.83	72.80 1.62 -28.57	82.45 1.67 -41.99
NORTHPORT___1 23551	34.92 0.72 0.00	31.12 0.58 0.00	30.79 0.34 0.00	29.66 0.18 0.00	30.26 0.24 0.00	34.19 0.27 0.01	41.43 0.27 3.63	42.13 0.49 7.75	41.64 0.69 4.67	40.80 1.17 -0.57	41.29 1.33 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.86 1.66 -1.76	55.84 2.14 -1.60	62.53 2.38 -2.04	76.66 3.17 -3.01	82.40 3.63 3.80	73.04 2.84 -0.93	69.04 2.45 -0.42	58.85 1.88 0.01	48.78 1.14 0.01	43.11 0.51 0.01	39.56 0.78 0.01
NORTHPORT___2 23552	34.92 0.72 0.00	31.12 0.58 0.00	30.79 0.34 0.00	29.66 0.18 0.00	30.26 0.24 0.00	34.19 0.27 0.01	41.43 0.27 3.63	42.13 0.49 7.75	41.64 0.69 4.67	40.80 1.17 -0.57	41.29 1.33 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.86 1.66 -1.76	55.84 2.14 -1.60	62.53 2.38 -2.04	76.66 3.17 -3.01	82.40 3.63 3.80	73.04 2.84 -0.93	69.04 2.45 -0.42	58.85 1.88 0.01	48.78 1.14 0.01	43.11 0.51 0.01	39.56 0.78 0.01
NORTHPORT___3 23553	34.50 0.31 0.00	30.76 0.22 0.00	30.42 -0.03 0.00	29.33 -0.15 0.00	29.93 -0.09 0.00	33.82 -0.10 0.01	40.91 -0.27 3.60	41.53 -0.15 7.71	41.03 0.05 4.64	40.29 0.66 -0.57	40.70 0.74 -0.71	40.78 0.82 -0.75	45.08 0.94 -1.25	50.20 1.00 -1.76	55.11 1.41 -1.60	61.77 1.62 -2.04	75.74 2.25 -3.01	81.37 2.56 3.77	72.13 1.94 -0.93	68.11 1.52 -0.42	58.05 1.08 0.01	48.02 0.38 0.01	42.47 -0.13 0.01	39.06 0.27 0.01
NORTHPORT___4 23650	34.50 0.31 0.00	30.76 0.22 0.00	30.42 -0.03 0.00	29.33 -0.15 0.00	29.93 -0.09 0.00	33.82 -0.10 0.01	40.91 -0.27 3.60	41.53 -0.15 7.71	41.03 0.05 4.64	40.29 0.66 -0.57	40.70 0.74 -0.71	40.78 0.82 -0.75	45.08 0.94 -1.25	50.20 1.00 -1.76	55.11 1.41 -1.60	61.77 1.62 -2.04	75.74 2.25 -3.01	81.37 2.56 3.77	72.13 1.94 -0.93	68.11 1.52 -0.42	58.05 1.08 0.01	48.02 0.38 0.01	42.47 -0.13 0.01	39.06 0.27 0.01
NORTHPORT___IC 23718	34.92 0.72 0.00	31.13 0.58 0.00	30.82 0.37 0.00	29.66 0.18 0.00	30.26 0.24 0.00	34.16 0.24 0.01	41.34 0.18 3.63	42.03 0.40 7.75	41.55 0.59 4.67	40.72 1.09 -0.57	41.13 1.18 -0.71	41.21 1.25 -0.75	45.56 1.42 -1.25	50.77 1.57 -1.76	55.89 2.19 -1.60	62.47 2.32 -2.04	76.58 3.10 -3.01	82.24 3.47 3.80	73.03 2.84 -0.93	68.97 2.38 -0.42	58.91 1.94 0.01	48.83 1.19 0.01	43.07 0.47 0.01	39.56 0.78 0.01
NORTH___COUNTRY_ESR 323785	37.63 0.96 -2.48	33.76 0.83 -2.38	33.61 0.82 -2.34	33.04 0.86 -2.71	35.18 0.93 -4.23	39.82 1.12 -4.78	51.49 0.49 -6.21	55.26 0.05 -5.82	52.08 -0.14 -6.58	47.57 0.20 -8.32	46.74 0.20 -7.31	46.66 0.24 -7.22	47.72 -0.09 -4.91	51.10 -0.47 -4.13	55.57 -0.47 -3.94	57.58 -0.52 0.00	71.02 -0.49 -1.03	83.20 -0.49 -1.12	71.14 -0.41 -2.29	69.20 -0.39 -3.43	61.19 0.11 -4.09	53.78 0.48 -5.65	48.59 1.11 -4.88	47.48 1.47 -7.21
NPX_GEN_1385_PROXY 323591	34.92 0.72 0.00	31.12 0.58 0.00	30.79 0.34 0.00	29.66 0.18 0.00	30.26 0.24 0.00	34.19 0.27 0.01	41.43 0.27 3.63	42.13 0.49 7.75	41.64 0.69 4.67	40.80 1.17 -0.57	41.29 1.33 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.86 1.66 -1.76	55.84 2.14 -1.60	62.53 2.38 -2.04	76.66 3.17 -3.01	82.40 3.63 3.80	73.04 2.84 -0.93	69.04 2.45 -0.42	58.85 1.88 0.01	48.78 1.14 0.01	43.71 0.51 -0.60	38.96 0.78 0.61
NPX_GEN_CSC 323557	34.54 0.34 0.00	30.76 0.22 0.00	30.36 -0.09 0.00	29.21 -0.27 0.00	29.84 -0.18 0.00	33.69 -0.24 0.01	40.99 -0.22 3.57	41.80 0.05 7.64	41.17 0.14 4.60	40.29 0.66 -0.57	40.89 0.94 -0.71	41.02 1.06 -0.75	45.34 1.20 -1.25	50.29 1.09 -1.76	55.37 1.67 -1.60	61.95 1.80 -2.04	76.16 2.68 -3.01	81.99 3.14 3.72	72.76 2.56 -0.93	68.71 2.12 -0.42	58.40 1.43 0.01	48.45 0.81 0.01	43.33 0.13 -0.60	38.57 0.39 0.61
NSINS_S_GLNS_FALLS 23858	35.22 1.03 0.00	31.49 0.95 0.00	31.40 0.94 0.00	30.39 0.91 0.00	30.98 0.96 0.00	34.91 0.98 0.00	46.17 1.39 0.00	50.87 1.48 0.00	46.72 1.10 0.00	39.23 0.74 0.57	39.07 0.55 0.71	39.20 0.74 0.75	42.38 0.73 1.24	46.83 1.14 1.75	51.86 1.35 1.59	62.80 1.86 -2.83	83.02 2.61 -9.94	115.18 3.55 -29.06	99.85 3.26 -27.32	93.81 2.71 -24.93	59.03 2.05 0.00	49.17 1.52 0.00	43.71 1.11 0.00	39.69 0.89 0.00
NUCOR_STEEL___DRP 24197	36.90 0.34 -2.36	32.63 0.31 -1.78	31.80 0.27 -1.07	30.83 0.24 -1.11	31.51 0.24 -1.25	36.89 0.31 -2.65	46.37 0.36 -1.22	51.37 0.49 -1.48	49.99 0.59 -3.77	42.43 0.66 -2.71	42.92 0.75 -2.94	42.83 0.71 -2.92	50.85 0.73 -7.23	56.20 0.76 -8.00	61.45 0.57 -8.78	68.40 0.52 -9.77	82.85 0.49 -11.88	93.60 0.58 -10.45	81.89 0.97 -11.66	78.45 1.12 -11.16	67.00 0.46 -9.56	56.02 0.38 -7.99	45.26 0.47 -2.18	40.65 0.27 -1.59
NUMBER_THREE_WT_PWR 323818	40.99 1.16 -5.63	36.82 1.04 -5.24	36.39 1.04 -4.90	36.14 1.03 -5.62	39.66 1.02 -8.62	45.46 1.36 -10.17	59.71 2.15 -12.78	63.95 2.47 -12.10	62.14 2.10 -14.42	58.08 1.52 -17.50	56.13 1.33 -15.56	55.85 1.25 -15.39	56.48 1.29 -12.30	59.84 1.38 -11.02	64.47 1.46 -10.91	63.39 1.86 -3.42	78.65 2.11 -6.07	91.44 2.97 -5.89	80.81 2.91 -8.63	79.80 2.91 -10.73	71.04 2.57 -11.49	63.73 2.05 -14.04	54.91 1.83 -10.47	55.21 1.51 -14.90
NYISO_LBMP_REFERENCE 24008	34.20 0.00 0.00	30.55 0.00 0.00	30.46 0.00 0.00	29.48 0.00 0.00	30.02 0.00 0.00	33.93 0.00 0.00	44.79 0.00 0.00	49.39 0.00 0.00	45.63 0.00 0.00	39.06 0.00 0.00	39.24 0.00 0.00	39.20 0.00 0.00	42.89 0.00 0.00	47.44 0.00 0.00	52.10 0.00 0.00	58.11 0.00 0.00	70.47 0.00 0.00	82.57 0.00 0.00	69.27 0.00 0.00	66.17 0.00 0.00	56.98 0.00 0.00	47.65 0.00 0.00	42.60 0.00 0.00	38.80 0.00 0.00
NYPA_BRENTWD____GT 24164	35.19 0.99 0.00	31.34 0.79 0.00	30.97 0.52 0.00	29.83 0.36 0.00	30.44 0.42 0.00	34.40 0.47 0.01	41.95 0.67 3.50	42.93 1.04 7.49	42.25 1.14 4.52	41.11 1.48 -0.57	41.72 1.77 -0.71	41.84 1.88 -0.75	46.28 2.14 -1.25	51.48 2.28 -1.76	56.56 2.86 -1.60	63.17 3.02 -2.04	77.08 3.59 -3.01	83.07 4.13 3.63	73.52 3.32 -0.93	69.70 3.11 -0.42	59.65 2.68 0.01	49.45 1.81 0.01	43.66 1.07 0.01	39.99 1.20 0.01

NYPA_GOWANUS____GT5 24156	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.72 4.01 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NYPA_GOWANUS____GT6 24157	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.94 2.30 -0.58	42.51 2.55 -0.72	42.80 2.82 -0.77	47.46 3.30 -1.26	52.78 3.56 -1.77	57.72 4.01 -1.61	64.57 4.41 -2.05	79.20 5.71 -3.02	90.08 6.36 -1.15	75.19 4.99 -0.93	71.03 4.43 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.61 2.00 0.00	40.62 1.82 0.00
NYPA_HARLEM__RVR__GT1 24160	35.54 1.33 -0.01	31.71 1.16 -0.01	31.50 1.04 -0.01	30.52 1.03 -0.01	31.05 1.02 -0.01	35.08 1.15 0.00	46.49 1.70 0.00	51.42 2.03 0.00	47.63 2.01 0.01	41.73 2.11 -0.57	42.31 2.35 -0.72	42.64 2.67 -0.77	47.16 3.00 -1.26	52.45 3.23 -1.77	57.46 3.75 -1.61	64.39 4.24 -2.05	78.93 5.43 -3.02	90.00 6.27 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.17 3.19 0.00	49.79 2.15 0.00	44.74 2.13 -0.01	40.74 1.94 -0.01
NYPA_HARLEM__RVR__GT2 24161	35.54 1.33 -0.01	31.71 1.16 -0.01	31.50 1.04 -0.01	30.52 1.03 -0.01	31.05 1.02 -0.01	35.08 1.15 0.00	46.49 1.70 0.00	51.42 2.03 0.00	47.63 2.01 0.01	41.73 2.11 -0.57	42.31 2.35 -0.72	42.64 2.67 -0.77	47.16 3.00 -1.26	52.45 3.23 -1.77	57.46 3.75 -1.61	64.39 4.24 -2.05	78.93 5.43 -3.02	90.00 6.27 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.17 3.19 0.00	49.79 2.15 0.00	44.74 2.13 -0.01	40.74 1.94 -0.01
NYPA_KENT____GT 24152	35.39 1.20 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.82 2.19 0.00	41.90 2.26 -0.58	42.43 2.47 -0.72	42.72 2.74 -0.77	47.37 3.22 -1.26	52.73 3.51 -1.78	57.66 3.96 -1.61	64.51 4.36 -2.05	79.14 5.64 -3.02	90.00 6.27 -1.15	75.12 4.92 -0.93	70.96 4.37 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.57 1.96 0.00	40.58 1.79 0.00
NYPA_POUCH1____GT 24155	20.60 1.16 14.76	18.65 1.01 12.90	16.93 0.85 14.38	16.38 0.86 13.96	17.11 0.84 13.75	20.71 1.02 14.24	23.52 1.61 22.88	23.83 2.07 27.63	23.81 2.19 24.01	23.81 2.26 17.51	25.37 2.51 16.38	25.86 2.78 16.12	25.95 3.26 20.21	26.01 3.56 24.99	30.50 4.01 25.61	37.54 4.41 24.98	44.39 5.78 31.87	57.71 6.36 31.22	52.51 4.99 21.75	44.21 4.43 26.39	31.90 3.42 28.50	25.74 2.33 24.24	25.83 2.00 18.77	25.30 1.82 15.32
NYPA_VERNON____GT2 24162	35.36 1.16 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.77 2.15 0.00	41.86 2.23 -0.58	42.39 2.43 -0.72	42.64 2.67 -0.77	47.29 3.13 -1.26	52.64 3.42 -1.78	57.62 3.91 -1.61	64.51 4.36 -2.05	79.06 5.57 -3.02	89.92 6.20 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.29 3.30 0.00	49.84 2.19 0.00	44.52 1.92 0.00	40.54 1.75 0.00
NYPA_VERNON____GT3 24163	35.36 1.16 0.00	31.55 1.01 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.46 2.07 0.00	47.77 2.15 0.00	41.86 2.23 -0.58	42.39 2.43 -0.72	42.64 2.67 -0.77	47.29 3.13 -1.26	52.64 3.42 -1.78	57.62 3.91 -1.61	64.51 4.36 -2.05	79.06 5.57 -3.02	89.92 6.20 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.29 3.30 0.00	49.84 2.19 0.00	44.52 1.92 0.00	40.54 1.75 0.00
NYPA____ASTORIA_CC1 323568	35.32 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.33 0.86 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.20 3.05 -1.26	52.54 3.32 -1.77	57.51 3.80 -1.61	64.45 4.30 -2.05	78.93 5.43 -3.02	89.75 6.02 -1.15	74.91 4.71 -0.93	70.77 4.17 -0.43	60.11 3.13 0.00	49.74 2.09 0.00	44.44 1.83 0.00	40.50 1.71 0.00
NYPA____ASTORIA_CC2 323569	35.32 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.33 0.86 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.31 2.35 -0.72	42.60 2.63 -0.77	47.20 3.05 -1.26	52.54 3.32 -1.77	57.51 3.80 -1.61	64.45 4.30 -2.05	78.93 5.43 -3.02	89.75 6.02 -1.15	74.91 4.71 -0.93	70.77 4.17 -0.43	60.11 3.13 0.00	49.74 2.09 0.00	44.44 1.83 0.00	40.50 1.71 0.00
NYPA____HOLTSVILL 23794	34.81 0.62 0.00	31.00 0.46 0.00	30.64 0.18 0.00	29.51 0.03 0.00	30.11 0.09 0.00	33.99 0.07 0.01	41.39 0.18 3.58	42.24 0.49 7.65	41.61 0.59 4.61	40.64 1.01 -0.57	41.25 1.29 -0.71	41.37 1.41 -0.75	45.73 1.59 -1.25	50.72 1.52 -1.76	55.79 2.09 -1.60	62.41 2.26 -2.04	76.66 3.17 -3.01	82.47 3.63 3.73	73.10 2.91 -0.93	69.04 2.45 -0.42	58.80 1.82 0.01	48.78 1.14 0.01	43.07 0.47 0.01	39.49 0.70 0.01
NYPA____HELLGATE_GT1 24158	35.54 1.33 -0.01	31.71 1.16 -0.01	31.50 1.04 -0.01	30.52 1.03 -0.01	31.05 1.02 -0.01	35.08 1.15 0.00	46.49 1.70 0.00	51.42 2.03 0.00	47.63 2.01 0.01	41.73 2.11 -0.57	42.31 2.35 -0.72	42.64 2.67 -0.77	47.16 3.00 -1.26	52.45 3.23 -1.77	57.46 3.75 -1.61	64.39 4.24 -2.05	78.93 5.43 -3.02	90.00 6.27 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.17 3.19 0.00	49.79 2.15 0.00	44.74 2.13 -0.01	40.74 1.94 -0.01
NYPA____HELLGATE_GT2 24159	35.54 1.33 -0.01	31.71 1.16 -0.01	31.50 1.04 -0.01	30.52 1.03 -0.01	31.05 1.02 -0.01	35.08 1.15 0.00	46.49 1.70 0.00	51.42 2.03 0.00	47.63 2.01 0.01	41.73 2.11 -0.57	42.31 2.35 -0.72	42.64 2.67 -0.77	47.16 3.00 -1.26	52.45 3.23 -1.77	57.46 3.75 -1.61	64.39 4.24 -2.05	78.93 5.43 -3.02	90.00 6.27 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.17 3.19 0.00	49.79 2.15 0.00	44.74 2.13 -0.01	40.74 1.94 -0.01
NYS_BARGE____HYD 23848	35.29 0.21 -0.88	31.37 0.18 -0.64	31.06 0.27 -0.33	30.10 0.29 -0.33	30.38 0.06 -0.30	34.63 -0.17 -0.87	44.02 -1.30 -0.54	48.50 -1.53 -0.65	46.63 0.04 -1.65	40.28 0.04 -1.18	40.87 0.35 -1.28	40.28 -0.20 -1.28	45.79 -0.26 -3.15	50.93 0.00 -3.49	55.35 -0.57 -3.83	60.57 -1.80 -4.26	67.89 -3.31 -0.73	76.84 -5.04 0.69	72.41 -1.94 -5.08	70.11 -0.93 -4.87	55.24 -2.68 -0.94	49.71 -1.43 -3.49	43.26 -0.30 -0.95	39.22 -0.27 -0.69
OAK ORCHARD____HYD 24046	35.54 0.48 -0.87	31.60 0.43 -0.62	31.24 0.46 -0.32	30.12 0.32 -0.32	30.61 0.30 -0.29	35.06 0.27 -0.86	45.22 -0.09 -0.53	50.07 0.05 -0.64	47.75 0.50 -1.62	41.00 0.78 -1.16	41.48 0.98 -1.26	41.20 0.74 -1.25	46.77 0.77 -3.10	51.77 0.90 -3.43	56.54 0.68 -3.76	62.35 0.06 -4.19	70.11 -0.49 -0.13	80.31 -0.91 1.36	74.61 0.35 -5.00	71.88 0.93 -4.78	57.20 -0.28 -0.50	51.12 0.05 -3.43	43.88 0.34 -0.94	39.55 0.08 -0.68

OAKDALE___35_KV_LOAD 356122	35.57 0.27 -1.10	31.55 0.21 -0.79	31.05 0.18 -0.41	30.09 0.21 -0.40	30.57 0.18 -0.37	35.22 0.20 -1.08	45.68 0.22 -0.67	50.34 0.15 -0.80	48.04 0.37 -2.04	41.03 0.51 -1.47	41.46 0.63 -1.59	41.30 0.51 -1.58	47.37 0.56 -3.92	52.49 0.71 -4.33	57.48 0.63 -4.75	63.86 0.46 -5.29	76.16 0.35 -5.34	87.18 0.25 -4.36	76.41 0.83 -6.31	73.20 0.99 -6.04	61.47 0.11 -4.38	52.12 0.14 -4.33	44.17 0.38 -1.18	39.89 0.23 -0.86
OCC_CHEM___DRP 24175	35.28 0.21 -0.88	31.30 0.12 -0.63	30.81 0.03 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.49 -0.31 -0.87	43.12 -2.19 -0.53	47.37 -2.67 -0.64	45.62 -1.64 -1.63	39.57 -0.66 -1.17	40.24 -0.27 -1.27	39.96 -0.51 -1.27	45.21 -0.81 -3.13	50.05 -0.85 -3.47	54.29 -1.62 -3.80	59.49 -2.85 -4.23	66.53 -4.65 -0.71	75.22 -6.69 0.66	70.86 -3.46 -5.05	68.88 -2.12 -4.83	54.05 -3.87 -0.94	48.59 -2.53 -3.46	42.53 -1.02 -0.95	39.02 -0.47 -0.69
OH_GEN_PROXY 24063	35.10 0.03 -0.87	31.20 0.03 -0.62	30.90 0.12 -0.32	29.95 0.15 -0.32	30.25 -0.06 -0.29	34.45 -0.34 -0.86	43.74 -1.57 -0.53	48.20 -1.83 -0.63	46.38 -0.87 -1.62	39.98 -0.23 -1.16	40.54 0.04 -1.26	40.03 -0.43 -1.25	45.52 -0.47 -3.10	50.59 -0.28 -3.43	55.08 -0.78 -3.76	60.32 -1.98 -4.18	67.50 -3.59 -0.62	76.50 -5.29 0.79	71.98 -2.28 -4.99	69.69 -1.26 -4.78	54.93 -2.90 -0.85	49.45 -1.62 -3.42	43.63 -0.51 -1.54	38.41 -0.46 -0.08
OLIN_CORP_DRP 24177	35.01 -0.07 -0.88	31.03 -0.15 -0.64	30.57 -0.21 -0.33	29.78 -0.03 -0.33	30.05 -0.27 -0.30	34.23 -0.58 -0.87	43.35 -1.97 -0.54	47.62 -2.42 -0.65	45.77 -1.51 -1.65	39.73 -0.51 -1.18	40.40 -0.12 -1.28	40.13 -0.35 -1.28	45.41 -0.64 -3.16	50.27 -0.66 -3.49	54.58 -1.35 -3.83	59.81 -2.56 -4.26	66.95 -4.30 -0.78	75.79 -6.19 0.59	71.38 -2.98 -5.09	69.32 -1.72 -4.87	54.45 -3.53 -1.00	48.85 -2.29 -3.49	42.75 -0.81 -0.95	38.71 -0.78 -0.69
OLIN_CORP_DSASP 323712	35.18 0.10 -0.88	31.24 0.06 -0.63	30.93 0.15 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.46 -0.34 -0.87	43.17 -2.15 -0.53	47.56 -2.47 -0.64	45.85 -1.41 -1.63	39.57 -0.66 -1.17	40.12 -0.39 -1.27	39.57 -0.90 -1.27	45.04 -0.98 -3.13	50.06 -0.85 -3.47	54.39 -1.51 -3.80	59.49 -2.85 -4.23	66.56 -4.65 -0.74	75.22 -6.69 0.67	70.86 -3.46 -5.05	68.62 -2.38 -4.83	54.05 -3.88 -0.94	48.77 -2.33 -3.46	42.53 -1.02 -0.95	39.06 -0.43 -0.69
ONEIDA_HERK_LFGE 323681	37.79 0.86 -2.74	33.83 0.76 -2.52	33.56 0.79 -2.31	32.89 0.77 -2.65	34.83 0.78 -4.03	39.78 1.02 -4.84	52.43 1.61 -6.04	57.00 1.88 -5.73	54.29 1.69 -6.97	48.68 1.29 -8.33	47.86 1.18 -7.45	47.71 1.14 -7.37	50.28 1.16 -6.22	54.40 1.28 -5.68	59.13 1.35 -5.68	62.05 1.69 -2.26	75.95 2.05 -3.43	88.75 2.72 -3.46	76.65 2.56 -4.81	74.44 2.51 -5.76	65.09 2.11 -6.00	56.26 1.52 -7.08	48.99 1.36 -5.03	46.93 1.08 -7.05
ONEIDA___115KV_TB4 55905	36.78 0.82 -1.76	32.78 0.73 -1.50	32.39 0.73 -1.21	31.57 0.74 -1.35	32.66 0.72 -1.92	37.53 0.95 -2.65	49.45 1.57 -3.09	54.24 1.83 -3.02	51.55 1.69 -4.23	44.97 1.37 -4.55	44.78 1.33 -4.21	44.63 1.25 -4.17	49.10 1.33 -4.88	53.76 1.47 -4.85	58.73 1.56 -5.07	63.83 1.92 -3.80	76.27 2.26 -3.54	88.19 2.89 -2.73	77.54 2.77 -5.50	74.66 2.71 -5.78	63.70 2.11 -4.61	54.66 1.52 -5.48	46.82 1.32 -2.90	43.49 1.05 -3.64
ONONDAGA_REF_OCCRA 23987	36.27 0.00 -2.08	32.14 0.00 -1.60	31.44 -0.03 -1.02	30.52 -0.03 -1.07	31.24 -0.06 -1.28	36.31 -0.07 -2.45	46.65 -0.13 -2.00	51.86 0.15 -2.32	50.23 0.27 -4.33	43.17 0.31 -3.80	43.42 0.39 -3.79	43.28 0.31 -3.76	50.06 0.33 -6.82	55.07 0.21 -7.30	60.20 0.23 -7.89	66.29 0.07 -7.95	78.67 0.17 -8.13	89.30 0.17 -6.56	79.60 0.42 -9.92	76.43 0.53 -9.73	64.40 0.06 -7.36	55.23 0.00 -7.58	45.40 0.09 -2.71	41.43 -0.04 -2.67
ONONDAGA___COGEN 23986	36.80 0.03 -2.57	32.52 0.03 -1.95	31.64 0.00 -1.18	30.71 0.00 -1.23	31.43 0.00 -1.41	36.84 0.00 -2.91	47.01 -0.04 -2.27	52.02 0.10 -2.53	50.92 0.18 -5.11	43.62 0.31 -4.25	43.96 0.39 -4.33	43.86 0.35 -4.31	51.79 0.34 -8.55	56.83 0.14 -9.25	62.05 -0.10 -10.05	68.47 -0.12 -10.48	83.02 -0.35 -12.90	93.37 -0.41 -11.21	82.14 0.00 -12.87	78.76 0.07 -12.52	67.61 -0.28 -10.92	56.90 -0.24 -9.49	45.82 0.09 -3.13	41.63 -0.04 -2.87
ONTARIO___LFGE 23819	36.92 1.06 -1.67	32.69 0.95 -1.20	32.02 0.95 -0.62	30.95 0.86 -0.61	31.42 0.84 -0.56	36.66 1.09 -1.65	47.00 1.21 -1.01	52.14 1.53 -1.22	50.42 1.69 -3.10	42.85 1.56 -2.23	43.38 1.72 -2.41	43.02 1.41 -2.40	50.34 1.50 -5.95	55.87 1.85 -6.58	61.03 1.72 -7.21	67.71 1.57 -8.03	80.50 1.41 -8.62	91.00 1.24 -7.18	81.48 2.63 -9.58	78.38 3.05 -9.17	65.45 1.48 -6.99	55.51 1.29 -6.57	45.76 1.36 -1.80	41.30 1.20 -1.31
ORANGEVILLE_WT_PWR 323706	35.39 0.21 -0.99	31.44 0.18 -0.71	31.04 0.21 -0.37	30.08 0.23 -0.36	30.41 0.06 -0.33	34.91 0.00 -0.98	44.76 -0.63 -0.60	49.32 -0.79 -0.72	47.42 -0.05 -1.84	40.69 0.31 -1.32	41.30 0.63 -1.43	40.67 0.04 -1.43	46.47 0.04 -3.53	51.78 0.43 -3.91	56.44 0.05 -4.29	62.01 -0.87 -4.77	70.92 -1.90 -2.35	80.46 -3.14 -1.02	74.55 -0.41 -5.69	71.95 0.33 -5.45	57.71 -1.42 -2.15	50.93 -0.62 -3.90	43.97 0.30 -1.07	39.81 0.23 -0.78
ORANGEVILLE___ESR 323794	35.39 0.21 -0.99	31.44 0.18 -0.71	31.04 0.21 -0.37	30.08 0.23 -0.36	30.41 0.06 -0.33	34.91 0.00 -0.98	44.76 -0.63 -0.60	49.32 -0.79 -0.72	47.42 -0.05 -1.84	40.69 0.31 -1.32	41.30 0.63 -1.43	40.67 0.04 -1.43	46.47 0.04 -3.53	51.78 0.43 -3.91	56.44 0.05 -4.29	62.01 -0.87 -4.77	70.92 -1.90 -2.35	80.46 -3.14 -1.02	74.55 -0.41 -5.69	71.95 0.33 -5.45	57.71 -1.42 -2.15	50.93 -0.62 -3.90	43.97 0.30 -1.07	39.81 0.23 -0.78
OSWEGATCHIE___HYD 24044	47.07 1.06 -11.81	42.72 0.95 -11.23	42.21 0.95 -10.81	42.90 0.94 -12.48	50.34 0.96 -19.36	57.37 1.22 -22.22	75.16 1.88 -28.49	78.27 2.07 -26.80	78.23 1.69 -30.91	78.71 1.17 -38.48	74.20 1.02 -33.95	73.75 0.98 -33.57	68.16 0.94 -24.32	69.39 0.95 -21.00	73.44 0.99 -20.36	62.04 1.16 -2.77	79.77 1.20 -8.10	92.19 1.56 -8.05	84.45 1.52 -13.66	86.46 1.59 -18.71	79.96 1.71 -21.27	77.24 1.71 -27.88	67.06 1.71 -22.75	73.45 1.51 -33.14
OSWEGO___5 23606	39.99 -0.55 -6.34	34.61 -0.49 -4.56	32.32 -0.49 -2.36	31.31 -0.50 -2.33	31.63 -0.51 -2.12	39.62 -0.58 -6.26	47.77 -0.80 -3.79	53.19 -0.84 -4.64	56.75 -0.68 -11.80	47.03 -0.51 -8.48	47.96 -0.47 -9.19	47.85 -0.51 -9.15	64.97 -0.56 -22.64	71.86 -0.62 -25.04	78.78 -0.78 -27.47	87.69 -0.99 -30.57	120.42 -1.34 -51.28	130.25 -1.57 -49.25	104.71 -1.04 -36.48	100.16 -0.93 -34.92	96.00 -1.08 -40.10	71.76 -0.91 -25.02	48.72 -0.72 -6.84	43.03 -0.74 -4.97
OSWEGO___6 23613	39.99 -0.55 -6.34	34.61 -0.49 -4.56	32.32 -0.49 -2.36	31.31 -0.50 -2.33	31.63 -0.51 -2.12	39.62 -0.58 -6.26	47.77 -0.80 -3.79	53.19 -0.84 -4.64	56.75 -0.68 -11.80	47.03 -0.51 -8.48	47.96 -0.47 -9.19	47.85 -0.51 -9.15	64.97 -0.56 -22.64	71.86 -0.62 -25.04	78.78 -0.78 -27.47	87.69 -0.99 -30.57	120.42 -1.34 -51.28	130.25 -1.57 -49.25	104.71 -1.04 -36.48	100.16 -0.93 -34.92	96.00 -1.08 -40.10	71.76 -0.91 -25.02	48.72 -0.72 -6.84	43.03 -0.74 -4.97

OUTOKUMPU-AB___DRP 24206	35.74 0.65 -0.89	31.70 0.52 -0.64	31.24 0.46 -0.33	30.43 0.62 -0.33	30.68 0.36 -0.30	35.01 0.20 -0.88	44.25 -1.07 -0.54	48.61 -1.43 -0.65	46.73 -0.55 -1.65	40.52 0.27 -1.19	41.27 0.75 -1.29	40.92 0.43 -1.28	46.28 0.21 -3.17	51.14 0.19 -3.51	55.53 -0.42 -3.85	60.88 -1.51 -4.28	68.35 -2.96 -0.83	77.33 -4.71 0.53	72.78 -1.59 -5.11	70.59 -0.46 -4.89	55.51 -2.51 -1.04	49.67 -1.48 -3.50	43.56 0.00 -0.96	39.61 0.12 -0.70
OXBOW___BTM 323836	35.46 0.38 -0.88	31.49 0.31 -0.63	31.21 0.43 -0.33	30.30 0.50 -0.32	30.53 0.21 -0.30	34.77 -0.03 -0.87	43.80 -1.52 -0.54	48.26 -1.78 -0.65	46.50 -0.78 -1.64	40.12 -0.12 -1.18	40.75 0.24 -1.28	40.12 -0.35 -1.27	45.66 -0.39 -3.15	50.69 -0.24 -3.49	55.09 -0.84 -3.82	60.33 -2.04 -4.26	67.61 -3.67 -0.80	76.44 -5.53 0.60	71.99 -2.36 -5.08	69.64 -1.39 -4.86	54.89 -3.08 -0.99	49.46 -1.67 -3.48	43.13 -0.43 -0.95	39.45 -0.04 -0.69
OXBOW___ 24026	35.56 0.48 -0.88	31.55 0.37 -0.63	31.09 0.30 -0.33	30.31 0.50 -0.32	30.53 0.21 -0.30	34.80 0.00 -0.87	43.75 -1.57 -0.54	48.06 -1.98 -0.65	46.27 -1.00 -1.64	40.12 -0.12 -1.18	40.83 0.31 -1.28	40.52 0.04 -1.27	45.83 -0.21 -3.15	50.69 -0.24 -3.49	54.99 -0.94 -3.82	60.33 -2.03 -4.26	67.58 -3.66 -0.77	76.44 -5.53 0.60	71.99 -2.36 -5.08	69.84 -1.19 -4.86	54.90 -3.08 -0.99	49.23 -1.91 -3.48	43.13 -0.43 -0.95	39.37 -0.12 -0.69
OXY_CHEM_DSASP 323612	35.28 0.21 -0.88	31.30 0.12 -0.63	30.81 0.03 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.49 -0.31 -0.87	43.12 -2.19 -0.53	47.37 -2.67 -0.64	45.62 -1.64 -1.63	39.57 -0.66 -1.17	40.24 -0.27 -1.27	39.96 -0.51 -1.27	45.21 -0.81 -3.13	50.05 -0.85 -3.47	54.29 -1.62 -3.80	59.49 -2.85 -4.23	66.53 -4.65 -0.71	75.22 -6.69 0.66	70.86 -3.46 -5.05	68.88 -2.12 -4.83	54.05 -3.87 -0.94	48.59 -2.53 -3.46	42.53 -1.02 -0.95	39.02 -0.47 -0.69
OZONE_PARK_ESR 323760	35.60 1.40 0.00	31.74 1.19 0.00	31.55 1.10 0.00	30.51 1.03 0.00	31.07 1.05 0.00	35.22 1.29 0.00	46.71 1.93 0.00	51.76 2.37 0.00	48.14 2.51 0.00	42.13 2.50 -0.58	42.59 2.63 -0.72	42.75 2.78 -0.76	47.36 3.22 -1.25	52.86 3.65 -1.77	57.98 4.27 -1.61	64.98 4.82 -2.05	79.63 6.13 -3.02	90.74 7.02 -1.15	75.81 5.61 -0.93	71.69 5.09 -0.43	61.03 4.05 0.00	50.51 2.86 0.00	44.86 2.26 0.00	40.81 2.02 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.28 0.21 -0.88	31.30 0.12 -0.63	30.81 0.03 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.49 -0.31 -0.87	43.12 -2.19 -0.53	47.37 -2.67 -0.64	45.62 -1.64 -1.63	39.57 -0.66 -1.17	40.24 -0.27 -1.27	39.96 -0.51 -1.27	45.21 -0.81 -3.13	50.05 -0.85 -3.47	54.29 -1.62 -3.80	59.49 -2.85 -4.23	66.53 -4.65 -0.71	75.22 -6.69 0.66	70.86 -3.46 -5.05	68.88 -2.12 -4.83	54.05 -3.87 -0.94	48.59 -2.53 -3.46	42.53 -1.02 -0.95	39.02 -0.47 -0.69
PACKARD__115KV_DUPONT_184 80571	35.28 0.21 -0.88	31.30 0.12 -0.63	30.81 0.03 -0.33	30.10 0.29 -0.32	30.28 -0.03 -0.29	34.49 -0.31 -0.87	43.12 -2.19 -0.53	47.37 -2.67 -0.64	45.62 -1.64 -1.63	39.57 -0.66 -1.17	40.24 -0.27 -1.27	39.96 -0.51 -1.27	45.21 -0.81 -3.13	50.05 -0.85 -3.47	54.29 -1.62 -3.80	59.49 -2.85 -4.23	66.53 -4.65 -0.71	75.22 -6.69 0.66	70.86 -3.46 -5.05	68.88 -2.12 -4.83	54.05 -3.87 -0.94	48.59 -2.53 -3.46	42.53 -1.02 -0.95	39.02 -0.47 -0.69
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.46 1.27 0.00	31.64 1.10 0.00	31.46 1.01 0.00	30.46 0.97 -0.01	31.01 0.99 0.00	34.98 1.05 0.00	46.26 1.48 0.00	51.17 1.78 0.00	47.50 1.87 0.00	41.59 1.95 -0.58	42.12 2.16 -0.72	42.36 2.39 -0.77	46.90 2.75 -1.26	52.35 3.13 -1.77	57.41 3.70 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.83 6.11 -1.15	74.91 4.71 -0.93	70.70 4.10 -0.43	60.12 3.13 0.00	49.84 2.19 0.00	44.62 2.00 -0.01	40.67 1.86 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.81 1.61 0.00	31.95 1.41 0.00	31.76 1.31 0.00	30.75 1.27 -0.01	31.28 1.26 0.00	35.32 1.39 0.00	46.71 1.93 0.00	51.66 2.27 0.00	47.91 2.28 0.00	41.94 2.30 -0.58	42.47 2.51 -0.72	42.72 2.74 -0.77	47.33 3.17 -1.26	52.78 3.56 -1.77	57.93 4.22 -1.61	64.86 4.71 -2.05	79.35 5.85 -3.02	90.82 7.10 -1.15	75.67 5.47 -0.93	71.36 4.76 -0.43	60.63 3.65 0.00	50.27 2.62 0.00	45.04 2.43 -0.01	41.09 2.29 -0.01
PATROON__115KV_TB1 80586	34.10 -0.10 0.00	30.48 -0.06 0.00	30.42 -0.03 0.00	29.45 -0.03 0.00	30.02 0.00 0.00	33.86 -0.07 0.00	44.79 0.00 0.00	49.24 -0.15 0.00	45.54 -0.09 0.00	38.57 0.00 0.49	38.47 -0.16 0.61	38.44 -0.12 0.64	41.71 -0.13 1.06	45.91 -0.05 1.49	50.85 0.10 1.35	51.52 0.23 6.82	54.67 0.35 16.16	50.47 0.58 32.68	39.09 0.28 30.45	39.19 0.00 26.98	57.04 0.06 0.00	47.50 -0.14 0.00	42.26 -0.34 0.00	38.52 -0.27 0.00
PATTRSNVILLE___SOLAR 323815	35.05 0.86 0.00	31.31 0.76 0.00	31.22 0.76 0.00	30.22 0.74 0.00	30.77 0.75 0.00	34.81 0.88 0.00	46.09 1.30 0.00	50.72 1.33 0.00	46.68 1.05 0.00	39.38 0.74 0.42	39.23 0.51 0.52	39.25 0.59 0.55	43.18 0.73 0.44	47.94 0.95 0.45	52.64 1.14 0.60	58.93 1.57 0.75	72.47 2.25 0.26	89.11 2.89 -3.65	75.35 2.56 -3.51	71.93 2.31 -3.45	58.75 1.77 0.00	48.98 1.33 0.00	43.67 1.07 0.00	39.69 0.89 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.48 0.38 -0.91	31.44 0.24 -0.65	30.95 0.15 -0.34	30.11 0.29 -0.33	30.41 0.09 -0.30	34.86 0.03 -0.90	44.58 -0.76 -0.55	48.77 -1.28 -0.66	46.82 -0.50 -1.69	40.47 0.20 -1.22	41.22 0.67 -1.32	40.83 0.31 -1.31	46.31 0.17 -3.24	51.41 0.38 -3.59	55.88 -0.16 -3.94	61.38 -1.10 -4.38	69.42 -2.26 -1.20	78.56 -3.88 0.13	73.73 -0.76 -5.23	71.30 0.13 -5.00	56.30 -1.99 -1.32	49.99 -1.24 -3.59	43.63 0.04 -0.98	39.51 0.00 -0.71
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.26 1.06 0.00	31.52 0.98 0.00	31.40 0.94 0.00	30.39 0.91 0.00	30.92 0.90 0.00	35.05 1.12 0.00	46.44 1.66 0.00	51.32 1.93 0.00	47.54 1.92 0.00	41.50 1.95 -0.49	41.82 1.96 -0.62	41.85 2.00 -0.65	46.37 2.40 -1.07	51.70 2.75 -1.51	56.65 3.18 -1.37	63.40 3.54 -1.75	77.77 4.72 -2.58	88.84 5.28 -0.98	74.50 4.43 -0.80	70.64 4.10 -0.37	60.23 3.25 0.00	49.93 2.29 0.00	44.35 1.75 0.00	40.31 1.51 0.00
PEEKSKILL___ 23653	35.05 0.86 0.00	31.28 0.73 0.00	31.10 0.64 0.00	30.10 0.62 0.00	30.65 0.63 0.00	34.74 0.81 0.00	46.09 1.30 0.00	50.97 1.58 0.00	47.27 1.64 0.00	41.34 1.72 -0.57	41.75 1.81 -0.71	41.91 1.96 -0.75	46.40 2.27 -1.23	51.69 2.51 -1.74	56.59 2.92 -1.58	63.43 3.31 -2.01	77.67 4.23 -2.96	88.49 4.79 -1.13	74.06 3.88 -0.92	70.09 3.50 -0.42	59.72 2.74 0.00	49.50 1.86 0.00	44.01 1.40 0.00	40.04 1.24 0.00
PGE MADISON___WINDPWR 24146	37.22 1.92 -1.11	33.11 1.77 -0.80	32.60 1.74 -0.41	31.63 1.74 -0.41	32.16 1.77 -0.37	37.37 2.34 -1.09	49.00 3.54 -0.68	54.15 3.95 -0.81	51.39 3.70 -2.06	43.59 3.05 -1.48	43.87 3.02 -1.61	43.63 2.82 -1.60	49.77 2.92 -3.96	55.09 3.27 -4.38	60.34 3.44 -4.80	67.81 4.36 -5.34	82.37 5.36 -6.54	95.06 6.77 -5.72	82.29 6.65 -6.38	78.95 6.68 -6.10	67.28 5.07 -5.23	55.69 3.67 -4.37	47.21 3.41 -1.19	42.42 2.75 -0.87

PIERCEFIELD___HYD 23852	51.96 0.92 -16.84	47.50 0.82 -16.13	46.98 0.82 -15.70	48.46 0.83 -18.15	59.19 0.87 -28.30	67.11 1.02 -32.16	88.06 1.70 -41.57	90.23 1.83 -39.01	91.49 1.41 -44.45	95.78 0.86 -55.86	89.15 0.78 -49.13	88.56 0.78 -48.58	77.46 0.73 -33.84	76.82 0.62 -28.76	80.27 0.57 -27.60	60.00 0.41 -1.49	79.94 0.56 -8.90	84.58 0.41 -1.59	86.61 0.35 -17.00	91.18 0.46 -24.55	86.74 1.03 -28.73	87.81 1.29 -38.88	77.00 1.53 -32.87	88.58 1.47 -48.31
PINELAWN_CC_1 323563	34.95 0.75 0.00	31.19 0.64 0.00	30.82 0.37 0.00	29.71 0.23 0.00	30.29 0.27 0.00	34.23 0.30 0.01	42.02 0.49 3.26	43.26 0.84 6.97	42.39 0.96 4.20	40.88 1.25 -0.57	41.48 1.53 -0.71	41.60 1.65 -0.75	45.68 1.54 -1.25	50.82 1.61 -1.76	55.57 1.87 -1.60	62.30 2.15 -2.04	76.44 2.96 -3.01	82.66 3.39 3.30	72.89 2.70 -0.93	68.84 2.25 -0.42	58.68 1.71 0.01	48.83 1.19 0.01	43.49 0.90 0.01	39.72 0.93 0.01
PJM_GEN_HTP_PROXY 323702	35.29 1.09 0.00	31.46 0.92 0.00	31.28 0.82 0.00	30.28 0.80 0.00	30.80 0.78 0.00	34.91 0.98 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.23 2.27 -0.72	42.44 2.47 -0.76	47.02 2.87 -1.25	52.34 3.13 -1.77	57.30 3.59 -1.61	64.22 4.07 -2.05	78.71 5.21 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.84 4.24 -0.43	60.29 3.30 0.00	49.89 2.24 0.00	45.00 1.79 -0.60	39.78 1.59 0.60
PJM_GEN_KEystone 24065	33.97 0.27 0.50	30.27 0.24 0.52	29.83 0.18 0.81	28.91 0.21 0.78	29.36 0.12 0.78	33.63 0.17 0.47	43.51 0.00 1.27	47.85 0.00 1.54	45.36 0.41 0.68	39.42 0.62 0.26	40.00 0.83 0.06	39.80 0.63 0.03	44.70 0.77 -1.03	49.60 1.04 -1.12	54.30 0.99 -1.21	60.45 0.64 -1.70	71.13 0.50 -0.16	81.25 0.00 1.33	72.28 1.04 -1.97	68.72 1.25 -1.30	56.05 0.00 0.93	48.12 0.05 -0.43	42.90 0.43 0.13	37.85 0.31 1.26
PJM_GEN_NEPTUNE_PROXY 323594	34.68 0.48 0.00	30.97 0.43 0.00	30.64 0.18 0.00	29.54 0.06 0.00	30.14 0.12 0.00	34.06 0.14 0.01	41.26 0.32 3.85	41.76 0.59 8.22	41.40 0.73 4.95	40.68 1.05 -0.57	41.21 1.26 -0.71	41.37 1.41 -0.75	45.86 1.72 -1.25	51.05 1.85 -1.76	55.94 2.24 -1.60	62.70 2.55 -2.04	76.87 3.38 -3.01	82.28 3.80 4.10	73.17 2.98 -0.93	69.10 2.51 -0.42	58.97 1.99 0.01	48.83 1.19 0.01	43.84 0.64 -0.60	38.80 0.62 0.61
PJM_GEN_VFT_PROXY 323633	20.35 0.92 14.77	18.43 0.79 12.91	16.74 0.67 14.38	16.16 0.65 13.97	16.92 0.66 13.76	20.53 0.85 14.25	23.29 1.39 22.89	23.54 1.78 27.63	23.54 1.92 24.00	23.54 1.99 17.51	24.98 2.12 16.37	25.40 2.31 16.12	25.40 2.70 20.20	25.40 2.94 24.99	29.88 3.38 25.60	36.95 3.83 24.99	43.53 4.93 31.88	56.97 5.62 31.23	51.88 4.37 21.75	43.67 3.90 26.40	31.49 3.02 28.51	25.40 2.00 24.25	26.00 1.58 18.18	24.30 1.44 15.94
PLATSBURG_115KV_PMLD1 355749	37.24 1.78 -1.26	33.29 1.53 -1.22	33.17 1.52 -1.19	32.42 1.56 -1.38	33.86 1.68 -2.16	38.33 1.97 -2.44	49.57 1.61 -3.17	53.70 1.33 -2.97	50.13 1.14 -3.36	44.59 1.29 -4.25	44.26 1.29 -3.73	44.19 1.29 -3.69	46.22 0.81 -2.51	49.13 -0.43 -2.11	53.12 -0.99 -2.01	57.00 -1.10 0.00	69.87 -1.13 -0.53	81.34 -1.24 0.00	69.47 -0.97 -1.17	66.99 -0.93 -1.75	58.67 -0.40 -2.09	50.82 0.29 -2.89	46.72 1.62 -2.49	44.92 2.44 -3.68
PLEASANTVLY___LBMP 24000	34.78 0.58 0.00	31.06 0.52 0.00	30.94 0.49 0.00	29.95 0.47 0.00	30.47 0.45 0.00	34.51 0.58 0.00	45.68 0.90 0.00	50.43 1.04 0.00	46.72 1.10 0.00	40.92 1.21 -0.65	41.27 1.22 -0.82	41.36 1.29 -0.86	45.81 1.50 -1.42	51.20 1.76 -2.00	56.05 2.14 -1.82	62.86 2.44 -2.31	76.98 3.10 -3.41	87.42 3.55 -1.30	73.09 2.77 -1.06	69.04 2.38 -0.49	58.92 1.94 0.00	48.98 1.33 0.00	43.50 0.89 0.00	39.65 0.85 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.19 0.99 0.00	31.43 0.89 0.00	31.25 0.79 0.00	30.25 0.77 0.00	30.80 0.78 0.00	34.91 0.98 0.00	46.22 1.43 0.00	51.17 1.78 0.00	47.50 1.87 0.00	41.59 1.95 -0.59	42.01 2.04 -0.73	42.09 2.12 -0.77	46.65 2.49 -1.27	52.03 2.80 -1.79	57.06 3.33 -1.63	64.07 3.89 -2.07	78.39 4.86 -3.05	89.27 5.53 -1.16	74.71 4.50 -0.94	70.70 4.10 -0.44	60.17 3.19 0.00	49.89 2.24 0.00	44.27 1.66 0.00	40.31 1.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.19 0.99 0.00	31.43 0.89 0.00	31.25 0.79 0.00	30.25 0.77 0.00	30.80 0.78 0.00	34.91 0.98 0.00	46.22 1.43 0.00	51.17 1.78 0.00	47.50 1.87 0.00	41.59 1.95 -0.59	42.01 2.04 -0.73	42.09 2.12 -0.77	46.65 2.49 -1.27	52.03 2.80 -1.79	57.06 3.33 -1.63	64.07 3.89 -2.07	78.39 4.86 -3.05	89.27 5.53 -1.16	74.71 4.50 -0.94	70.70 4.10 -0.44	60.17 3.19 0.00	49.89 2.24 0.00	44.27 1.66 0.00	40.31 1.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.02 0.82 0.00	31.25 0.70 0.00	31.16 0.70 0.00	30.13 0.65 0.00	30.68 0.66 0.00	34.71 0.78 0.00	45.99 1.21 0.00	50.72 1.33 0.00	46.91 1.28 0.00	40.19 1.41 0.27	40.27 1.37 0.34	40.22 1.37 0.36	43.98 1.67 0.59	48.61 1.99 0.83	53.74 2.40 0.75	59.82 2.67 0.96	72.59 3.52 1.40	86.09 4.05 0.53	71.95 3.12 0.43	68.81 2.85 0.20	59.32 2.34 0.00	49.27 1.62 0.00	43.80 1.19 0.00	39.84 1.05 0.00
POLETTI_____ 23519	20.97 0.99 14.22	21.00 0.86 10.40	21.00 0.76 10.21	21.01 0.74 9.21	21.00 0.75 9.77	21.01 0.81 13.73	23.65 1.16 22.30	23.79 1.38 26.98	20.97 1.51 26.16	23.88 1.68 16.86	25.65 1.84 15.43	25.61 2.12 15.71	28.47 2.44 16.87	31.68 2.75 18.51	39.62 3.28 15.77	43.50 3.72 18.33	56.99 4.79 18.28	71.96 5.53 16.15	57.19 4.23 16.31	53.04 3.64 16.76	42.55 2.74 17.16	32.19 1.81 17.27	27.03 1.75 17.32	28.03 1.59 12.36
POMONA___ESR 323819	35.05 0.86 0.00	31.28 0.73 0.00	31.10 0.64 0.00	30.10 0.62 0.00	30.65 0.63 0.00	34.74 0.81 0.00	46.22 1.43 0.00	51.07 1.68 0.00	47.36 1.73 0.00	41.43 1.84 -0.54	41.84 1.92 -0.68	41.92 2.00 -0.71	46.43 2.36 -1.17	51.75 2.66 -1.66	56.63 3.02 -1.51	63.45 3.43 -1.92	77.74 4.44 -2.83	88.60 4.95 -1.08	73.95 3.81 -0.87	70.01 3.44 -0.40	59.66 2.68 0.00	49.46 1.81 0.00	44.01 1.40 0.00	40.04 1.24 0.00
PORT_JEFF_3 23555	34.88 0.68 0.00	31.06 0.52 0.00	30.70 0.24 0.00	29.54 0.06 0.00	30.14 0.12 0.00	34.06 0.14 0.01	41.48 0.27 3.57	42.35 0.59 7.64	41.71 0.69 4.60	40.72 1.09 -0.57	41.36 1.41 -0.71	41.48 1.53 -0.75	45.73 1.59 -1.25	50.58 1.38 -1.76	55.63 1.93 -1.60	62.12 1.98 -2.04	76.30 2.82 -3.01	82.16 3.31 3.73	72.83 2.63 -0.93	68.77 2.18 -0.42	58.51 1.54 0.01	48.64 1.00 0.01	43.11 0.51 0.01	39.52 0.74 0.01
PORT_JEFF_4 23616	34.88 0.68 0.00	31.06 0.52 0.00	30.70 0.24 0.00	29.54 0.06 0.00	30.14 0.12 0.00	34.06 0.14 0.01	41.48 0.27 3.57	42.35 0.59 7.64	41.71 0.69 4.60	40.72 1.09 -0.57	41.36 1.41 -0.71	41.48 1.53 -0.75	45.73 1.59 -1.25	50.58 1.38 -1.76	55.63 1.93 -1.60	62.12 1.98 -2.04	76.30 2.82 -3.01	82.16 3.31 3.73	72.83 2.63 -0.93	68.77 2.18 -0.42	58.51 1.54 0.01	48.64 1.00 0.01	43.11 0.51 0.01	39.52 0.74 0.01

PORT_JEFF_IC 23713	34.92 0.72 0.00	31.10 0.55 0.00	30.73 0.27 0.00	29.57 0.09 0.00	30.17 0.15 0.00	34.09 0.17 0.01	41.45 0.22 3.56	42.33 0.54 7.61	41.68 0.64 4.58	40.72 1.09 -0.57	41.25 1.29 -0.71	41.29 1.33 -0.75	45.64 1.50 -1.25	50.63 1.42 -1.76	55.89 2.19 -1.60	62.00 1.86 -2.04	76.23 2.75 -3.01	82.01 3.14 3.71	72.83 2.63 -0.93	68.64 2.05 -0.42	58.80 1.82 0.01	48.83 1.19 0.01	43.15 0.55 0.01	39.60 0.81 0.01
PPL PILGRIM_ST_GT1 24216	35.19 0.99 0.00	31.34 0.79 0.00	30.97 0.52 0.00	29.83 0.36 0.00	30.44 0.42 0.00	34.40 0.47 0.01	41.95 0.67 3.50	42.93 1.04 7.49	42.25 1.14 4.52	41.11 1.48 -0.57	41.72 1.77 -0.71	41.84 1.88 -0.75	46.28 2.14 -1.25	51.48 2.28 -1.76	56.56 2.86 -1.60	63.17 3.02 -2.04	77.08 3.59 -3.01	83.07 4.13 3.63	73.52 3.32 -0.93	69.70 3.11 -0.42	59.65 2.68 0.01	49.45 1.81 0.01	43.66 1.07 0.01	39.99 1.20 0.01
PPL PILGRIM_ST_GT2 24217	35.19 0.99 0.00	31.34 0.79 0.00	30.97 0.52 0.00	29.83 0.36 0.00	30.44 0.42 0.00	34.40 0.47 0.01	41.95 0.67 3.50	42.93 1.04 7.49	42.25 1.14 4.52	41.11 1.48 -0.57	41.72 1.77 -0.71	41.84 1.88 -0.75	46.28 2.14 -1.25	51.48 2.28 -1.76	56.56 2.86 -1.60	63.17 3.02 -2.04	77.08 3.59 -3.01	83.07 4.13 3.63	73.52 3.32 -0.93	69.70 3.11 -0.42	59.65 2.68 0.01	49.45 1.81 0.01	43.66 1.07 0.01	39.99 1.20 0.01
PPL_SHRM_GT3 24213	34.50 0.31 0.00	30.70 0.15 0.00	30.30 -0.15 0.00	29.18 -0.29 0.00	29.78 -0.24 0.00	33.65 -0.27 0.01	40.95 -0.27 3.56	41.77 0.00 7.62	41.13 0.09 4.59	40.21 0.59 -0.57	40.86 0.90 -0.71	40.94 0.98 -0.75	45.25 1.11 -1.25	50.20 1.00 -1.76	55.26 1.56 -1.60	61.95 1.80 -2.04	76.16 2.68 -3.01	82.08 3.22 3.72	72.83 2.63 -0.93	68.71 2.12 -0.42	58.40 1.43 0.01	48.40 0.76 0.01	42.64 0.04 0.01	39.14 0.35 0.01
PPL_SHRM_GT4 24214	34.50 0.31 0.00	30.70 0.15 0.00	30.30 -0.15 0.00	29.18 -0.29 0.00	29.78 -0.24 0.00	33.65 -0.27 0.01	40.95 -0.27 3.56	41.77 0.00 7.62	41.13 0.09 4.59	40.21 0.59 -0.57	40.86 0.90 -0.71	40.94 0.98 -0.75	45.25 1.11 -1.25	50.20 1.00 -1.76	55.26 1.56 -1.60	61.95 1.80 -2.04	76.16 2.68 -3.01	82.08 3.22 3.72	72.83 2.63 -0.93	68.71 2.12 -0.42	58.40 1.43 0.01	48.40 0.76 0.01	42.64 0.04 0.01	39.14 0.35 0.01
PROJECT___ORANGE 1 24174	36.10 -0.07 -1.97	32.02 -0.06 -1.53	31.37 -0.09 -1.01	30.43 -0.12 -1.07	31.22 -0.12 -1.32	36.16 -0.17 -2.40	46.59 -0.27 -2.07	51.41 -0.20 -2.22	49.63 -0.05 -4.05	42.78 0.12 -3.61	43.01 0.20 -3.58	42.91 0.16 -3.55	49.32 0.17 -6.26	54.25 0.14 -6.67	59.30 0.00 -7.20	65.21 -0.06 -7.16	76.85 -0.28 -6.66	87.23 -0.33 -4.99	78.26 0.00 -8.99	75.15 0.13 -8.85	62.86 -0.28 -6.16	54.32 -0.29 -6.96	44.99 -0.17 -2.55	41.10 -0.27 -2.57
PROJECT___ORANGE 2 24166	36.10 -0.07 -1.97	32.02 -0.06 -1.53	31.37 -0.09 -1.01	30.43 -0.12 -1.07	31.22 -0.12 -1.32	36.16 -0.17 -2.40	46.59 -0.27 -2.07	51.41 -0.20 -2.22	49.63 -0.05 -4.05	42.78 0.12 -3.61	43.01 0.20 -3.58	42.91 0.16 -3.55	49.32 0.17 -6.26	54.25 0.14 -6.67	59.30 0.00 -7.20	65.21 -0.06 -7.16	76.85 -0.28 -6.66	87.23 -0.33 -4.99	78.26 0.00 -8.99	75.15 0.13 -8.85	62.86 -0.28 -6.16	54.32 -0.29 -6.96	44.99 -0.17 -2.55	41.10 -0.27 -2.57
PUCKETT___SOLAR 323809	35.98 0.72 -1.06	31.95 0.64 -0.76	31.49 0.64 -0.39	30.49 0.62 -0.39	30.97 0.60 -0.35	35.76 0.78 -1.05	46.55 1.12 -0.64	51.40 1.24 -0.78	48.88 1.28 -1.97	41.57 1.09 -1.42	41.87 1.10 -1.54	41.67 0.94 -1.53	47.67 0.99 -3.78	52.86 1.23 -4.19	57.89 1.20 -4.59	64.56 1.34 -5.11	78.29 1.55 -6.26	89.86 1.81 -5.47	77.58 2.22 -6.10	74.32 2.31 -5.84	63.35 1.37 -5.00	52.88 1.05 -4.18	44.85 1.11 -1.14	40.48 0.85 -0.83
PYRITES___HYD 24023	53.30 1.30 -17.80	48.76 1.16 -17.06	48.23 1.16 -16.62	49.85 1.15 -19.22	61.19 1.20 -29.97	69.42 1.46 -34.04	92.42 2.24 -45.39	94.36 2.37 -42.60	95.94 1.83 -48.48	101.09 1.05 -60.98	93.76 0.90 -53.62	93.12 0.90 -53.02	80.55 0.86 -36.80	79.43 0.76 -31.23	82.88 0.83 -29.95	60.24 0.76 -1.38	80.97 1.13 -9.37	85.54 1.49 -1.48	89.08 1.52 -18.29	94.31 1.59 -26.55	90.14 1.99 -31.16	91.84 1.91 -42.29	80.43 1.96 -35.87	93.38 1.82 -52.76
QUAKERRD_115KV_BK1 80622	34.74 -0.31 -0.85	30.85 -0.31 -0.61	30.41 -0.37 -0.32	29.38 -0.41 -0.31	29.85 -0.45 -0.29	34.26 -0.51 -0.84	44.27 -1.03 -0.52	48.93 -1.09 -0.62	46.53 -0.68 -1.59	40.00 -0.20 -1.14	40.51 0.04 -1.24	40.40 -0.04 -1.23	45.77 -0.17 -3.05	50.57 -0.24 -3.37	55.22 -0.57 -3.70	61.06 -1.16 -4.11	68.49 -1.83 0.15	78.56 -2.39 1.62	73.00 -1.18 -4.91	70.34 -0.53 -4.70	55.88 -1.42 -0.32	49.97 -1.05 -3.37	42.84 -0.68 -0.92	38.61 -0.85 -0.67
QUENSBRY_115KV_TB8 356137	35.26 1.06 0.00	31.49 0.95 0.00	31.40 0.94 0.00	30.39 0.91 0.00	30.98 0.96 0.00	34.91 0.98 0.00	46.17 1.39 0.00	50.87 1.48 0.00	46.72 1.10 0.00	39.23 0.74 0.56	39.08 0.55 0.70	39.21 0.74 0.74	42.40 0.73 1.22	46.86 1.14 1.72	51.83 1.30 1.57	62.64 1.86 -2.67	82.62 2.68 -9.47	114.02 3.55 -27.90	98.83 3.32 -26.23	92.89 2.78 -23.94	59.03 2.05 0.00	49.17 1.52 0.00	43.71 1.11 0.00	39.69 0.89 0.00
RAMAPO___LBMP 323565	34.92 0.72 0.00	31.19 0.64 0.00	31.00 0.55 0.00	30.01 0.53 0.00	30.56 0.54 0.00	34.64 0.71 0.00	45.91 1.12 0.00	50.72 1.33 0.00	47.04 1.41 0.00	41.07 1.48 -0.53	41.47 1.57 -0.66	41.51 1.61 -0.70	45.98 1.93 -1.15	51.30 2.23 -1.63	56.24 2.66 -1.48	62.95 2.96 -1.88	77.06 3.81 -2.78	87.93 4.29 -1.06	73.66 3.53 -0.86	69.67 3.11 -0.40	59.38 2.39 0.00	49.32 1.67 0.00	43.88 1.28 0.00	39.88 1.09 0.00
RANKINE____ 23646	35.68 0.58 -0.90	31.65 0.46 -0.65	31.19 0.40 -0.34	30.34 0.53 -0.33	30.62 0.30 -0.30	35.03 0.20 -0.89	44.66 -0.67 -0.55	49.01 -1.04 -0.66	47.08 -0.23 -1.68	40.74 0.47 -1.21	41.49 0.94 -1.31	41.10 0.59 -1.31	46.55 0.43 -3.23	51.68 0.66 -3.57	56.17 0.16 -3.92	61.65 -0.81 -4.36	69.62 -1.97 -1.12	78.80 -3.55 0.22	73.85 -0.62 -5.20	71.55 0.40 -4.98	56.47 -1.77 -1.26	50.26 -0.95 -3.57	43.88 0.30 -0.98	39.70 0.19 -0.71
RAVENSWOOD_GT2_1 24244	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.16 2.20 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.35 3.65 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.77 4.17 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT2_2 24245	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.16 2.20 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.35 3.65 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.77 4.17 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00

RAVENSWOOD_GT2_3 24246	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.30 0.83 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.78 2.15 -0.58	42.20 2.24 -0.72	42.36 2.39 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.41 3.70 -1.61	64.34 4.18 -2.05	78.78 5.29 -3.02	89.75 6.03 -1.15	74.98 4.78 -0.93	70.83 4.23 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.44 1.83 0.00	40.46 1.67 0.00
RAVENSWOOD_GT2_4 24247	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.30 0.83 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.78 2.15 -0.58	42.20 2.24 -0.72	42.36 2.39 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.41 3.70 -1.61	64.34 4.18 -2.05	78.78 5.29 -3.02	89.75 6.03 -1.15	74.98 4.78 -0.93	70.83 4.23 -0.43	60.34 3.36 0.00	49.98 2.33 0.00	44.44 1.83 0.00	40.46 1.67 0.00
RAVENSWOOD_GT3_1 24248	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.20 2.24 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.41 3.70 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT3_2 24249	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.20 2.24 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.41 3.70 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT3_3 24250	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.24 2.28 -0.72	42.40 2.43 -0.76	46.98 2.83 -1.25	52.44 3.23 -1.77	57.51 3.80 -1.61	64.39 4.24 -2.05	78.92 5.43 -3.02	89.83 6.11 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.40 3.42 0.00	50.03 2.38 0.00	44.48 1.87 0.00	40.50 1.71 0.00
RAVENSWOOD_GT3_4 24251	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.33 0.85 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.24 2.28 -0.72	42.40 2.43 -0.76	46.98 2.83 -1.25	52.44 3.23 -1.77	57.51 3.80 -1.61	64.39 4.24 -2.05	78.92 5.43 -3.02	89.83 6.11 -1.15	75.05 4.85 -0.93	70.90 4.30 -0.43	60.40 3.42 0.00	50.03 2.38 0.00	44.48 1.87 0.00	40.50 1.71 0.00
RAVENSWOOD_GT_1 23729	35.36 1.16 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.82 2.19 -0.58	42.31 2.35 -0.72	42.52 2.55 -0.77	47.12 2.96 -1.26	52.59 3.37 -1.78	57.61 3.91 -1.61	64.51 4.36 -2.05	79.07 5.57 -3.02	89.92 6.19 -1.15	75.05 4.85 -0.93	70.83 4.23 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.52 1.92 0.00	40.54 1.75 0.00
RAVENSWOOD_GT_10 24258	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.20 2.24 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.35 3.65 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT_11 24259	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.20 2.24 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.35 3.65 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT_4 24252	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.16 2.20 -0.72	42.31 2.35 -0.76	46.84 2.70 -1.25	52.29 3.08 -1.76	57.35 3.65 -1.61	64.22 4.07 -2.05	78.71 5.22 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT_5 24254	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.16 2.20 -0.72	42.31 2.35 -0.76	46.84 2.70 -1.25	52.29 3.08 -1.76	57.35 3.65 -1.61	64.22 4.07 -2.05	78.71 5.22 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT_6 24253	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.16 2.20 -0.72	42.31 2.35 -0.76	46.84 2.70 -1.25	52.29 3.08 -1.76	57.35 3.65 -1.61	64.22 4.07 -2.05	78.71 5.22 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT_7 24255	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.16 2.20 -0.72	42.31 2.35 -0.76	46.84 2.70 -1.25	52.29 3.08 -1.76	57.35 3.65 -1.61	64.22 4.07 -2.05	78.71 5.22 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.34 3.36 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.20 2.24 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.35 3.65 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD_GT_9 24257	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.20 2.24 -0.72	42.32 2.35 -0.76	46.89 2.75 -1.25	52.34 3.13 -1.77	57.35 3.65 -1.61	64.28 4.13 -2.05	78.78 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.83 4.23 -0.43	60.29 3.30 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.42 1.63 0.00

RAVENSWOOD___1 23533	35.36 1.16 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.33 0.86 0.00	30.86 0.84 0.00	34.95 1.02 0.00	46.40 1.61 0.00	51.42 2.03 0.00	47.77 2.15 0.00	41.86 2.23 -0.58	42.35 2.39 -0.72	42.64 2.67 -0.77	47.25 3.09 -1.26	52.59 3.37 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	89.83 6.11 -1.15	74.98 4.78 -0.93	70.84 4.24 -0.43	60.23 3.25 0.00	49.84 2.19 0.00	44.48 1.87 0.00	40.50 1.71 0.00
RAVENSWOOD___2 23534	35.32 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.30 0.82 0.00	30.86 0.84 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.42 2.03 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.35 2.39 -0.72	42.60 2.63 -0.77	47.25 3.09 -1.26	52.59 3.37 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	89.83 6.11 -1.15	74.98 4.78 -0.93	70.84 4.24 -0.43	60.23 3.25 0.00	49.84 2.19 0.00	44.48 1.87 0.00	40.50 1.71 0.00
RAVENSWOOD___3 23535	35.29 1.09 0.00	31.49 0.95 0.00	31.28 0.82 0.00	30.28 0.80 0.00	30.83 0.81 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.42 2.03 0.00	47.73 2.10 0.00	41.78 2.15 -0.58	42.27 2.31 -0.72	42.48 2.51 -0.76	47.07 2.92 -1.25	52.39 3.18 -1.77	57.35 3.65 -1.61	64.28 4.13 -2.05	78.79 5.29 -3.02	89.67 5.95 -1.15	74.91 4.71 -0.93	70.84 4.24 -0.43	60.29 3.30 0.00	49.89 2.24 0.00	44.39 1.79 0.00	40.42 1.63 0.00
RAVENSWOOD___4 23820	35.32 1.13 0.00	31.52 0.98 0.00	31.31 0.85 0.00	30.30 0.82 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.73 2.10 0.00	41.82 2.19 -0.58	42.35 2.39 -0.72	42.60 2.63 -0.77	47.20 3.05 -1.26	52.54 3.32 -1.77	57.51 3.80 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	89.83 6.11 -1.15	74.98 4.78 -0.93	70.84 4.24 -0.43	60.23 3.25 0.00	49.79 2.15 0.00	44.44 1.83 0.00	40.50 1.71 0.00
RCPL_TRUST___DRP 24196	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.30 0.83 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.82 2.19 -0.58	42.27 2.32 -0.72	42.40 2.43 -0.76	46.98 2.83 -1.25	52.44 3.23 -1.77	57.51 3.80 -1.61	64.39 4.24 -2.05	78.92 5.43 -3.02	89.83 6.11 -1.15	75.05 4.85 -0.93	70.96 4.37 -0.43	60.40 3.42 0.00	50.03 2.38 0.00	44.48 1.87 0.00	40.46 1.67 0.00
RED___ROCHESTER 323720	35.77 0.72 -0.85	31.80 0.64 -0.61	31.41 0.64 -0.32	30.26 0.47 -0.31	30.75 0.45 -0.28	35.24 0.47 -0.84	45.52 0.23 -0.51	50.40 0.39 -0.62	48.03 0.82 -1.58	41.25 1.05 -1.14	41.76 1.29 -1.23	41.49 1.06 -1.22	47.04 1.11 -3.03	52.07 1.28 -3.35	56.81 1.04 -3.67	62.61 0.41 -4.09	70.32 -0.07 0.08	80.59 -0.41 1.57	74.91 0.76 -4.88	72.23 1.39 -4.67	57.38 0.06 -0.34	51.37 0.38 -3.35	44.12 0.60 -0.91	39.77 0.31 -0.66
REGAN___SOLAR 323812	36.15 1.95 0.00	32.25 1.71 0.00	32.16 1.70 0.00	31.16 1.68 0.00	31.76 1.74 0.00	36.03 2.10 0.00	47.74 2.96 0.00	52.50 3.11 0.00	47.82 2.19 0.00	39.96 1.29 0.38	39.47 0.71 0.47	39.49 0.78 0.50	43.28 0.90 0.52	48.15 1.33 0.62	53.18 1.77 0.69	60.03 2.79 0.87	74.04 4.30 0.74	90.51 5.78 -2.16	76.85 5.47 -2.11	73.30 4.96 -2.16	60.86 3.88 0.00	50.60 2.96 0.00	45.12 2.51 0.00	40.89 2.09 0.00
RENSSELAER___COGEN 23796	33.96 -0.24 0.00	30.33 -0.21 0.00	30.24 -0.21 0.00	29.27 -0.20 0.00	29.87 -0.15 0.00	33.69 -0.24 0.00	44.61 -0.18 0.00	49.05 -0.34 0.00	45.31 -0.32 0.00	38.39 -0.19 0.47	38.26 -0.39 0.59	38.23 -0.35 0.62	37.62 -0.39 4.88	38.78 -0.38 8.29	45.84 -0.31 5.95	50.21 -0.17 7.73	51.64 -0.21 18.63	43.90 -0.08 38.60	32.94 -0.34 35.99	33.75 -0.46 31.96	56.59 -0.40 0.00	47.12 -0.52 0.00	41.97 -0.64 0.00	38.29 -0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.76 2.56 0.00	32.87 2.32 0.00	32.74 2.28 0.00	31.72 2.24 0.00	32.33 2.31 0.00	36.58 2.65 0.00	48.37 3.58 0.00	53.14 3.75 0.00	48.55 2.92 0.00	40.75 2.27 0.57	40.48 1.96 0.71	40.68 2.23 0.75	43.88 2.23 1.24	48.73 3.04 1.75	53.79 3.28 1.59	65.19 4.24 -2.84	86.21 5.78 -9.95	119.36 7.68 -29.10	103.84 7.20 -27.37	97.48 6.35 -24.96	61.88 4.90 0.00	51.36 3.72 0.00	45.67 3.07 0.00	41.32 2.52 0.00
REVERE_CPPR_DRP 24186	37.46 1.13 -2.14	33.44 1.01 -1.89	33.08 1.01 -1.62	32.31 1.00 -1.83	33.70 0.99 -2.69	38.68 1.29 -3.47	51.03 2.06 -4.18	55.79 2.37 -4.02	53.09 2.19 -5.27	46.73 1.72 -5.96	46.30 1.65 -5.42	46.14 1.57 -5.36	49.96 1.63 -5.44	54.48 1.80 -5.23	59.41 1.93 -5.38	63.83 2.38 -3.34	77.76 2.89 -4.40	89.86 3.72 -3.57	78.10 3.46 -5.37	75.49 3.44 -5.89	65.52 2.79 -5.74	55.80 2.00 -6.15	48.05 1.75 -3.70	45.13 1.44 -4.90
REYNLDPA_13_KV_LD 356490	32.17 0.48 2.51	28.56 0.43 2.42	28.51 0.43 2.37	27.18 0.44 2.74	26.19 0.45 4.28	29.60 0.51 4.84	39.06 0.54 6.27	44.00 0.49 5.88	39.30 0.32 6.65	30.77 0.12 8.41	31.97 0.12 7.38	32.02 0.12 7.30	38.02 0.09 4.96	43.31 0.05 4.18	48.17 0.05 3.98	58.11 0.00 0.00	69.50 0.07 1.04	81.52 0.08 1.13	67.03 0.07 2.31	62.77 0.07 3.47	53.30 0.45 4.14	42.56 0.62 5.71	38.31 0.64 4.93	32.21 0.70 7.29
REYNOLDS_115KV_TB3 80639	34.16 -0.03 0.00	30.55 0.00 0.00	30.46 0.00 0.00	29.48 0.00 0.00	30.05 0.03 0.00	33.93 0.00 0.00	44.88 0.09 0.00	49.29 -0.10 0.00	45.54 -0.09 0.00	38.49 0.00 0.57	38.41 -0.12 0.71	38.38 -0.08 0.74	41.58 -0.09 1.23	45.72 0.00 1.73	50.68 0.16 1.57	48.67 0.29 9.72	47.33 0.42 23.57	33.99 0.58 49.16	23.70 0.28 45.85	25.49 0.07 40.74	57.15 0.17 0.00	47.60 -0.05 0.00	42.31 -0.30 0.00	38.64 -0.16 0.00
RIVERBAY____ 323610	35.81 1.61 0.00	31.95 1.41 0.00	31.76 1.31 0.00	30.75 1.27 -0.01	31.28 1.26 0.00	35.32 1.39 0.00	46.71 1.93 0.00	51.66 2.27 0.00	47.91 2.28 0.00	41.94 2.30 -0.58	42.47 2.51 -0.72	42.72 2.74 -0.77	47.33 3.17 -1.26	52.78 3.56 -1.77	57.93 4.22 -1.61	64.86 4.71 -2.05	79.35 5.85 -3.02	90.82 7.10 -1.15	75.67 5.47 -0.93	71.36 4.76 -0.43	60.63 3.65 0.00	50.27 2.62 0.00	45.04 2.43 -0.01	41.09 2.29 -0.01
RIVERSDE_115KV_TB3 55908	34.06 -0.14 0.00	30.45 -0.09 0.00	30.39 -0.06 0.00	29.42 -0.06 0.00	29.99 -0.03 0.00	33.83 -0.10 0.00	44.74 -0.04 0.00	49.19 -0.20 0.00	45.49 -0.14 0.00	38.46 -0.08 0.52	38.39 -0.20 0.65	38.32 -0.20 0.69	41.59 -0.17 1.13	45.76 -0.09 1.59	50.70 0.05 1.45	49.81 0.17 8.47	50.27 0.21 20.42	40.71 0.41 42.28	29.92 0.07 39.42	31.03 -0.13 35.00	56.98 0.00 0.00	47.46 -0.19 0.00	42.18 -0.43 0.00	38.52 -0.27 0.00
ROARING___BROOK_WT_PWR 323790	33.44 -0.34 0.42	29.84 -0.31 0.40	29.76 -0.30 0.39	28.73 -0.29 0.46	29.04 -0.27 0.71	32.85 -0.27 0.81	43.45 -0.31 1.03	48.18 -0.25 0.97	44.31 -0.23 1.10	37.48 -0.19 1.39	37.87 -0.16 1.22	37.88 -0.12 1.20	41.95 -0.13 0.82	46.61 -0.14 0.69	51.29 -0.16 0.66	57.99 -0.12 0.00	70.16 -0.14 0.17	82.22 -0.16 0.19	68.75 -0.14 0.38	65.46 -0.13 0.57	56.24 -0.06 0.68	46.71 0.00 0.94	41.79 0.00 0.81	37.63 0.04 1.20

ROCHESRG_115KV_T4 355643	35.44 0.41 -0.83	31.48 0.34 -0.59	31.04 0.27 -0.31	29.99 0.21 -0.30	30.48 0.18 -0.28	34.92 0.17 -0.82	44.97 -0.31 -0.50	49.75 -0.25 -0.61	47.31 0.14 -1.54	40.71 0.55 -1.11	41.26 0.82 -1.20	41.10 0.71 -1.19	46.49 0.64 -2.95	51.37 0.66 -3.27	56.05 0.36 -3.58	61.92 -0.17 -3.99	69.29 -0.85 0.33	79.47 -1.32 1.79	74.03 0.00 -4.76	71.38 0.66 -4.56	56.59 -0.57 -0.17	50.67 -0.24 -3.26	43.67 0.17 -0.89	39.37 -0.08 -0.65
ROCHESTER_9_IC 23652	35.66 0.62 -0.85	31.64 0.49 -0.61	31.20 0.43 -0.32	30.15 0.35 -0.31	30.63 0.33 -0.28	35.11 0.34 -0.84	45.30 0.00 -0.51	50.06 0.05 -0.62	47.66 0.46 -1.58	41.01 0.82 -1.13	41.57 1.10 -1.23	41.45 1.02 -1.22	46.87 0.94 -3.03	51.79 1.00 -3.35	56.50 0.73 -3.67	62.37 0.17 -4.09	69.94 -0.42 0.12	80.18 -0.83 1.57	74.56 0.42 -4.88	71.96 1.12 -4.67	57.15 -0.17 -0.34	51.04 0.05 -3.35	43.90 0.38 -0.91	39.58 0.12 -0.66
ROCKVIEW_13_KV_LD 356306	35.29 1.09 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.30 0.83 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.35 1.57 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.74 2.11 -0.58	42.20 2.24 -0.72	42.32 2.35 -0.76	46.85 2.70 -1.25	52.29 3.08 -1.77	57.35 3.65 -1.61	64.34 4.18 -2.05	78.78 5.29 -3.02	89.75 6.03 -1.15	75.05 4.85 -0.93	71.03 4.43 -0.43	60.46 3.48 0.00	50.08 2.43 0.00	44.44 1.83 0.00	40.46 1.67 0.00
ROME____115KV_TB2 80656	37.46 1.13 -2.14	33.44 1.01 -1.89	33.08 1.01 -1.62	32.31 1.00 -1.83	33.70 0.99 -2.69	38.68 1.29 -3.47	51.03 2.06 -4.18	55.79 2.37 -4.02	53.09 2.19 -5.27	46.73 1.72 -5.96	46.30 1.65 -5.42	46.14 1.57 -5.36	49.96 1.63 -5.44	54.48 1.80 -5.23	59.41 1.93 -5.38	63.83 2.38 -3.34	77.76 2.89 -4.40	89.86 3.72 -3.57	78.10 3.46 -5.37	75.49 3.44 -5.89	65.52 2.79 -5.74	55.80 2.00 -6.15	48.05 1.75 -3.70	45.13 1.44 -4.90
ROSETON___1 23587	34.78 0.58 0.00	31.06 0.52 0.00	30.91 0.46 0.00	29.92 0.44 0.00	30.47 0.45 0.00	34.51 0.58 0.00	45.73 0.94 0.00	50.48 1.09 0.00	46.77 1.14 0.00	40.84 1.25 -0.54	41.20 1.29 -0.67	41.28 1.37 -0.71	45.64 1.59 -1.16	50.84 1.76 -1.64	55.62 2.03 -1.49	62.33 2.33 -1.90	76.23 2.96 -2.79	87.03 3.39 -1.06	72.70 2.56 -0.86	68.88 2.31 -0.40	58.80 1.82 0.00	48.88 1.24 0.00	43.50 0.90 0.00	39.65 0.85 0.00
ROSETON___2 23588	34.78 0.58 0.00	31.06 0.52 0.00	30.91 0.46 0.00	29.92 0.44 0.00	30.47 0.45 0.00	34.51 0.58 0.00	45.73 0.94 0.00	50.48 1.09 0.00	46.77 1.14 0.00	40.84 1.25 -0.54	41.20 1.29 -0.67	41.28 1.37 -0.71	45.64 1.59 -1.16	50.84 1.76 -1.64	55.62 2.03 -1.49	62.33 2.33 -1.90	76.23 2.96 -2.79	87.03 3.39 -1.06	72.70 2.56 -0.86	68.88 2.31 -0.40	58.80 1.82 0.00	48.88 1.24 0.00	43.50 0.90 0.00	39.65 0.85 0.00
ROTRDAM_115KV_TB3 80664	34.71 0.51 0.00	31.00 0.46 0.00	30.91 0.46 0.00	29.92 0.44 0.00	30.47 0.45 0.00	34.44 0.51 0.00	45.50 0.72 0.00	50.18 0.79 0.00	46.27 0.64 0.00	39.17 0.55 0.43	39.17 0.47 0.54	39.18 0.55 0.57	42.55 0.60 0.94	46.92 0.81 1.33	51.88 0.99 1.21	59.17 1.22 0.15	73.50 1.62 -1.40	92.36 2.06 -7.72	78.26 1.66 -7.33	74.51 1.46 -6.88	58.12 1.14 0.00	48.46 0.81 0.00	43.20 0.60 0.00	39.34 0.54 0.00
RUSSELL___1 23602	35.80 0.75 -0.85	31.80 0.64 -0.61	31.35 0.58 -0.32	30.26 0.47 -0.31	30.75 0.45 -0.28	35.28 0.51 -0.84	45.48 0.18 -0.51	50.31 0.30 -0.62	47.89 0.68 -1.58	41.25 1.05 -1.14	41.80 1.33 -1.23	41.64 1.22 -1.22	47.12 1.20 -3.03	52.03 1.23 -3.35	56.76 0.99 -3.67	62.60 0.41 -4.09	70.29 -0.07 0.12	80.59 -0.41 1.57	74.91 0.76 -4.88	72.36 1.52 -4.67	57.44 0.11 -0.34	51.28 0.29 -3.35	44.12 0.60 -0.91	39.73 0.27 -0.66
RUSSELL___2 23532	35.80 0.75 -0.85	31.80 0.64 -0.61	31.35 0.58 -0.32	30.26 0.47 -0.31	30.75 0.45 -0.28	35.28 0.51 -0.84	45.48 0.18 -0.51	50.31 0.30 -0.62	47.89 0.68 -1.58	41.25 1.05 -1.14	41.80 1.33 -1.23	41.64 1.22 -1.22	47.12 1.20 -3.03	52.03 1.23 -3.35	56.76 0.99 -3.67	62.60 0.41 -4.09	70.29 -0.07 0.12	80.59 -0.41 1.57	74.91 0.76 -4.88	72.36 1.52 -4.67	57.44 0.11 -0.34	51.28 0.29 -3.35	44.12 0.60 -0.91	39.73 0.27 -0.66
RUSSELL___3 23549	35.80 0.75 -0.85	31.80 0.64 -0.61	31.35 0.58 -0.32	30.26 0.47 -0.31	30.75 0.45 -0.28	35.28 0.51 -0.84	45.48 0.18 -0.51	50.31 0.30 -0.62	47.89 0.68 -1.58	41.25 1.05 -1.14	41.80 1.33 -1.23	41.64 1.22 -1.22	47.12 1.20 -3.03	52.03 1.23 -3.35	56.76 0.99 -3.67	62.60 0.41 -4.09	70.29 -0.07 0.12	80.59 -0.41 1.57	74.91 0.76 -4.88	72.36 1.52 -4.67	57.44 0.11 -0.34	51.28 0.29 -3.35	44.12 0.60 -0.91	39.73 0.27 -0.66
RUSSELL___4 23556	35.80 0.75 -0.85	31.80 0.64 -0.61	31.35 0.58 -0.32	30.26 0.47 -0.31	30.75 0.45 -0.28	35.28 0.51 -0.84	45.48 0.18 -0.51	50.31 0.30 -0.62	47.89 0.68 -1.58	41.25 1.05 -1.14	41.80 1.33 -1.23	41.64 1.22 -1.22	47.12 1.20 -3.03	52.03 1.23 -3.35	56.76 0.99 -3.67	62.60 0.41 -4.09	70.29 -0.07 0.12	80.59 -0.41 1.57	74.91 0.76 -4.88	72.36 1.52 -4.67	57.44 0.11 -0.34	51.28 0.29 -3.35	44.12 0.60 -0.91	39.73 0.27 -0.66
RUSSELL___STATION 23914	35.80 0.75 -0.85	31.80 0.64 -0.61	31.35 0.58 -0.32	30.26 0.47 -0.31	30.75 0.45 -0.28	35.28 0.51 -0.84	45.48 0.18 -0.51	50.31 0.30 -0.62	47.89 0.68 -1.58	41.25 1.05 -1.14	41.80 1.33 -1.23	41.64 1.22 -1.22	47.12 1.20 -3.03	52.03 1.23 -3.35	56.76 0.99 -3.67	62.60 0.41 -4.09	70.29 -0.07 0.12	80.59 -0.41 1.57	74.91 0.76 -4.88	72.36 1.52 -4.67	57.44 0.11 -0.34	51.28 0.29 -3.35	44.12 0.60 -0.91	39.73 0.27 -0.66
S SALMON___HYD 24043	38.39 0.38 -3.82	34.11 0.37 -3.19	33.29 0.37 -2.47	32.54 0.32 -2.74	34.16 0.33 -3.81	39.91 0.47 -5.51	51.29 0.71 -5.79	56.06 0.89 -5.78	55.07 0.86 -8.58	48.52 0.62 -8.84	48.09 0.55 -8.30	47.91 0.47 -8.23	54.03 0.43 -10.71	58.80 0.47 -10.88	64.01 0.41 -11.49	68.21 0.58 -9.53	83.20 0.35 -12.37	94.26 0.66 -11.03	83.24 0.90 -13.07	80.60 0.99 -13.44	70.09 0.74 -12.37	60.32 0.67 -12.00	48.97 0.60 -5.77	46.10 0.39 -6.92
S.PERRY__115KV_TB1 80734	36.79 1.57 -1.02	32.65 1.37 -0.73	32.11 1.28 -0.38	31.00 1.15 -0.37	31.50 1.14 -0.34	36.33 1.39 -1.01	46.88 1.48 -0.62	51.76 1.63 -0.74	49.26 1.73 -1.89	42.14 1.72 -1.36	42.71 2.00 -1.47	42.32 1.65 -1.47	48.16 1.63 -3.63	53.31 1.85 -4.02	58.17 1.67 -4.41	64.35 1.34 -4.91	74.13 1.27 -2.39	85.12 1.49 -1.06	78.31 3.19 -5.85	75.74 3.97 -5.60	60.97 1.77 -2.22	53.33 1.67 -4.01	45.66 1.96 -1.10	40.99 1.40 -0.80
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.53 0.44 -0.88	31.52 0.34 -0.64	31.03 0.24 -0.33	30.22 0.41 -0.33	30.50 0.18 -0.30	34.80 0.00 -0.87	44.20 -1.12 -0.54	48.56 -1.48 -0.65	46.68 -0.59 -1.65	40.44 0.20 -1.18	41.15 0.63 -1.28	40.79 0.31 -1.28	46.18 0.13 -3.16	51.17 0.24 -3.49	55.62 -0.31 -3.83	61.04 -1.34 -4.27	68.56 -2.75 -0.83	77.67 -4.38 0.53	72.97 -1.39 -5.09	70.78 -0.26 -4.87	55.74 -2.28 -1.04	49.80 -1.33 -3.49	43.52 -0.04 -0.95	39.41 -0.08 -0.69

SAWYER___23_KV_LOAD 55526	35.53	31.52	31.03	30.22	30.50	34.80	44.20	48.56	46.68	40.44	41.15	40.79	46.18	51.17	55.62	61.04	68.56	77.67	72.97	70.78	55.74	49.80	43.52	39.41
	0.44	0.34	0.24	0.41	0.18	0.00	-1.12	-1.48	-0.59	0.20	0.63	0.31	0.13	0.24	-0.31	-1.34	-2.75	-4.38	-1.39	-0.26	-2.28	-1.33	-0.04	-0.08
	-0.88	-0.64	-0.33	-0.33	-0.30	-0.87	-0.54	-0.65	-1.65	-1.18	-1.28	-1.28	-3.16	-3.49	-3.83	-4.27	-0.83	0.53	-5.09	-4.87	-1.04	-3.49	-0.95	-0.69
SELKIRK___I 23801	34.40	30.73	30.67	29.69	30.26	34.13	45.10	49.54	45.67	38.90	38.72	38.71	39.51	42.38	48.24	53.45	60.41	62.70	49.47	48.53	50.97	45.01	41.63	37.94
	0.21	0.18	0.21	0.21	0.24	0.20	0.32	0.15	0.05	0.08	-0.23	-0.20	-0.98	-1.00	-0.94	-0.87	-0.92	-0.91	-1.04	-1.06	-0.85	-0.91	-0.98	-0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.29	0.30	2.40	4.07	2.92	3.79	9.15	18.97	18.76	16.58	5.16	1.73	0.00	0.00
SELKIRK___II 23799	34.20	30.55	30.46	29.51	30.05	33.93	44.88	49.39	45.63	38.84	38.47	38.45	39.27	41.58	47.84	52.75	57.91	57.10	42.30	42.30	42.30	42.30	41.97	38.25
	0.00	0.00	0.00	0.03	0.03	0.00	0.09	0.00	0.00	0.12	-0.35	-0.31	-0.39	-0.38	-0.31	-0.23	-0.28	-0.25	-0.48	-0.60	-0.46	-0.57	-0.64	-0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.42	0.44	3.24	5.48	3.95	5.13	12.28	25.23	26.49	23.27	14.22	4.78	0.00	0.00
SENECA OSWGO___HYD 24041	36.16	32.11	31.57	30.63	31.44	36.30	47.03	51.92	49.89	42.99	43.15	43.02	48.99	53.97	58.99	64.78	75.20	85.95	77.97	74.81	61.74	54.14	45.28	41.38
	0.21	0.18	0.18	0.15	0.15	0.17	0.27	0.44	0.59	0.59	0.63	0.55	0.60	0.71	0.63	0.58	0.56	0.74	0.97	0.99	0.51	0.38	0.34	0.16
	-1.76	-1.38	-0.94	-1.00	-1.26	-2.20	-1.97	-2.09	-3.67	-3.35	-3.29	-3.26	-5.49	-5.82	-6.26	-6.09	-4.17	-2.64	-7.73	-7.64	-4.25	-6.11	-2.34	-2.43
SENECA___115KV_TB3 355854	35.75	31.68	31.22	30.37	30.68	35.06	44.71	49.11	47.18	40.81	41.57	41.18	46.64	51.77	56.28	61.77	69.69	78.88	73.99	71.68	56.59	50.36	43.96	39.74
	0.65	0.49	0.43	0.56	0.36	0.24	-0.63	-0.94	-0.14	0.55	1.02	0.67	0.51	0.76	0.26	-0.70	-1.90	-3.47	-0.48	0.53	-1.65	-0.86	0.38	0.23
	-0.90	-0.65	-0.34	-0.33	-0.30	-0.89	-0.55	-0.66	-1.68	-1.21	-1.31	-1.31	-3.23	-3.57	-3.92	-4.36	-1.12	0.22	-5.20	-4.98	-1.26	-3.57	-0.98	-0.71
SENECA___ENERGY 23797	36.90	32.68	31.88	30.90	31.58	36.98	46.53	51.59	50.19	42.54	43.06	42.78	50.66	56.12	61.31	68.19	82.45	93.05	81.78	78.47	66.74	55.81	45.33	40.81
	0.44	0.43	0.39	0.36	0.36	0.51	0.58	0.79	0.96	0.90	1.02	0.78	0.86	1.04	0.83	0.75	0.56	0.50	1.38	1.65	0.63	0.53	0.64	0.50
	-2.26	-1.70	-1.03	-1.07	-1.20	-2.54	-1.17	-1.42	-3.60	-2.59	-2.80	-2.79	-6.91	-7.64	-8.38	-9.33	-11.41	-9.98	-11.13	-10.65	-9.13	-7.63	-2.09	-1.52
SHOEMAKER___GT 23640	34.74	31.03	30.88	29.89	30.44	34.47	45.63	50.38	46.63	40.63	40.93	40.97	45.31	50.43	55.25	61.84	75.65	86.58	72.47	68.77	58.75	48.79	43.50	39.57
	0.55	0.49	0.43	0.41	0.42	0.54	0.85	0.99	1.00	1.09	1.10	1.14	1.37	1.52	1.82	2.03	2.68	3.06	2.42	2.25	1.77	1.14	0.90	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.60	-0.63	-1.04	-1.47	-1.33	-1.70	-2.50	-0.95	-0.77	-0.36	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	34.75	31.00	30.88	29.89	30.44	34.44	45.59	50.33	46.59	40.59	40.89	40.93	45.21	50.46	55.29	61.88	75.70	86.65	72.46	68.77	58.75	48.84	43.50	39.57
	0.55	0.46	0.43	0.41	0.42	0.51	0.81	0.94	0.96	1.05	1.06	1.10	1.29	1.57	1.88	2.09	2.75	3.14	2.42	2.25	1.77	1.19	0.89	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.59	-0.62	-1.03	-1.45	-1.32	-1.68	-2.47	-0.94	-0.77	-0.35	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	34.50	30.70	30.30	29.18	29.78	33.65	40.95	41.77	41.13	40.21	40.86	40.94	45.25	50.20	55.26	61.95	76.16	82.08	72.83	68.71	58.40	48.40	42.64	39.14
	0.31	0.15	-0.15	-0.29	-0.24	-0.27	-0.27	0.00	0.09	0.59	0.90	0.98	1.11	1.00	1.56	1.80	2.68	3.22	2.63	2.12	1.43	0.76	0.04	0.35
	0.00	0.00	0.00	0.00	0.00	0.01	3.56	7.62	4.59	-0.57	-0.71	-0.75	-1.25	-1.76	-1.60	-2.04	-3.01	3.72	-0.93	-0.42	0.01	0.01	0.01	0.01
SHOREHAM_IC_2 23716	34.47	30.70	30.33	29.18	29.78	33.62	40.86	41.67	41.04	40.14	40.70	40.70	45.08	50.10	55.31	61.89	76.09	81.91	72.83	68.64	58.51	48.45	42.64	39.14
	0.27	0.15	-0.12	-0.29	-0.24	-0.31	-0.36	-0.10	0.00	0.51	0.75	0.74	0.94	0.90	1.62	1.74	2.61	3.06	2.63	2.05	1.54	0.81	0.04	0.35
	0.00	0.00	0.00	0.00	0.00	0.01	3.56	7.62	4.59	-0.57	-0.71	-0.75	-1.25	-1.76	-1.60	-2.04	-3.01	3.72	-0.93	-0.42	0.01	0.01	0.01	0.01
SISSONVILLE____ 23735	51.96	47.50	46.98	48.46	59.19	67.11	88.06	90.23	91.49	95.78	89.15	88.56	77.46	76.82	80.27	60.00	79.94	84.58	86.61	91.18	86.74	87.81	77.00	88.58
	0.92	0.82	0.82	0.83	0.87	1.02	1.70	1.83	1.41	0.86	0.78	0.78	0.73	0.62	0.57	0.41	0.56	0.41	0.35	0.46	1.03	1.29	1.53	1.47
	-16.84	-16.13	-15.70	-18.15	-28.30	-32.16	-41.57	-39.01	-44.45	-55.86	-49.13	-48.58	-33.84	-28.76	-27.60	-1.49	-8.90	-1.59	-17.00	-24.55	-28.73	-38.88	-32.87	-48.31
SITHE_IND_GS1 24169	21.29	21.12	25.23	24.30	25.23	21.14	36.41	39.31	22.12	22.06	20.93	20.93	-1.16	-1.29	-1.46	-1.57	-69.49	-60.65	-1.87	-1.86	-50.01	-1.29	28.51	28.28
	-0.82	-0.73	-0.73	-0.74	-0.75	-0.85	-1.16	-1.23	-1.00	-0.82	-0.78	-0.83	-0.90	-1.00	-1.20	-1.40	-1.83	-2.15	-1.59	-1.46	-1.48	-1.24	-1.06	-1.05
	12.09	8.69	4.49	4.45	4.04	11.94	7.22	8.84	22.50	16.17	17.52	17.45	43.15	47.73	52.36	58.28	138.13	141.07	69.55	66.57	105.51	47.69	13.03	9.47
SITHE_IND_GS2 24170	21.29	21.12	25.23	24.30	25.23	21.14	36.41	39.31	22.12	22.06	20.93	20.93	-1.16	-1.29	-1.46	-1.57	-69.49	-60.65	-1.87	-1.86	-50.01	-1.29	28.51	28.28
	-0.82	-0.73	-0.73	-0.74	-0.75	-0.85	-1.16	-1.23	-1.00	-0.82	-0.78	-0.83	-0.90	-1.00	-1.20	-1.40	-1.83	-2.15	-1.59	-1.46	-1.48	-1.24	-1.06	-1.05
	12.09	8.69	4.49	4.45	4.04	11.94	7.22	8.84	22.50	16.17	17.52	17.45	43.15	47.73	52.36	58.28	138.13	141.07	69.55	66.57	105.51	47.69	13.03	9.47
SITHE_IND_GS3 24171	21.29	21.12	25.23	24.30	25.23	21.14	36.41	39.31	22.12	22.06	20.93	20.93	-1.16	-1.29	-1.46	-1.57	-69.49	-60.65	-1.87	-1.86	-50.01	-1.29	28.51	28.28
	-0.82	-0.73	-0.73	-0.74	-0.75	-0.85	-1.16	-1.23	-1.00	-0.82	-0.78	-0.83	-0.90	-1.00	-1.20	-1.40	-1.83	-2.15	-1.59	-1.46	-1.48	-1.24	-1.06	-1.05
	12.09	8.69	4.49	4.45	4.04	11.94	7.22	8.84	22.50	16.17	17.52	17.45	43.15	47.73	52.36	58.28	138.13	141.07	69.55	66.57	105.51	47.69	13.03	9.47
SITHE_IND_GS4 24172	21.29	21.12	25.23	24.30	25.23	21.14	36.41	39.31	22.12	22.06	20.93	20.93	-1.16	-1.29	-1.46	-1.57	-69.49	-60.65	-1.87	-1.86	-50.01	-1.29	28.51	28.28
	-0.82	-0.73	-0.73	-0.74	-0.75	-0.85	-1.16	-1.23	-1.00	-0.82	-0.78	-0.83	-0.90	-1.00	-1.20	-1.40	-1.83	-2.15	-1.59	-1.46	-1.48	-1.24	-1.06	-1.05
	12.09	8.69	4.49	4.45	4.04	11.94	7.22	8.84	22.50	16.17	17.52	17.45	43.15	47.73	52.36	58.28	138.13	141.07	69.55	66.57	105.51	47.69	13.03	9.47

SITHE___BATAVIA 24024	36.41 1.33 -0.88	32.37 1.19 -0.63	32.03 1.25 -0.33	30.86 1.06 -0.32	31.27 0.96 -0.29	35.81 1.02 -0.87	45.95 0.63 -0.53	50.82 0.79 -0.64	48.59 1.32 -1.64	41.83 1.60 -1.18	42.39 1.88 -1.27	41.88 1.41 -1.27	47.49 1.46 -3.14	52.62 1.71 -3.47	57.26 1.35 -3.81	62.80 0.46 -4.24	70.71 -0.28 -0.52	80.82 -0.83 0.93	75.57 1.25 -5.05	73.18 2.18 -4.84	57.88 0.11 -0.78	51.73 0.62 -3.47	44.70 1.15 -0.95	40.34 0.85 -0.69
SITHE___INDEPEND 23800	21.29 -0.82 12.09	21.12 -0.73 8.69	25.23 -0.73 4.49	24.29 -0.74 4.45	25.23 -0.75 4.04	21.14 -0.85 11.94	36.41 -1.16 7.22	39.31 -1.23 8.84	22.07 -1.05 22.50	22.06 -0.82 16.17	20.93 -0.78 17.52	20.97 -0.78 17.45	-1.16 -0.90 43.15	-1.28 -1.00 47.73	-1.46 -1.20 52.36	-1.57 -1.39 58.28	-69.51 -1.83 138.16	-60.64 -2.15 141.07	-1.88 -1.59 69.55	-1.79 -1.39 66.57	-50.00 -1.48 105.51	-1.29 -1.24 47.69	28.51 -1.07 13.03	28.31 -1.01 9.47
SITHE___MASSENA 23902	58.74 0.58 -23.96	54.11 0.52 -23.05	53.55 0.52 -22.58	56.15 0.53 -26.14	71.42 0.54 -40.85	80.70 0.61 -46.16	115.86 0.67 -70.40	116.06 0.64 -66.02	120.72 0.41 -74.68	133.64 0.20 -94.38	122.26 0.16 -82.87	121.33 0.20 -81.93	98.75 0.13 -55.73	94.42 0.10 -46.88	96.97 0.16 -44.71	58.16 0.06 0.00	82.30 0.14 -11.69	95.47 0.17 -12.73	95.33 0.14 -25.92	105.27 0.20 -38.90	104.04 0.63 -46.43	112.47 0.72 -64.10	98.75 0.77 -55.38	121.43 0.82 -81.82
SITHE___OGDNSBRG 24021	54.78 1.16 -19.42	50.26 1.04 -18.68	49.79 1.04 -18.30	51.70 1.03 -21.19	64.21 1.08 -33.11	72.63 1.29 -37.41	99.51 1.93 -52.79	100.78 2.02 -49.37	102.93 1.46 -55.84	110.41 0.78 -70.57	101.86 0.67 -61.96	101.09 0.63 -61.26	85.16 0.60 -41.67	83.02 0.52 -35.05	86.10 0.57 -33.43	58.69 0.58 0.00	81.66 0.92 -10.27	83.81 1.24 0.00	89.96 1.32 -19.38	96.64 1.39 -29.09	93.52 1.82 -34.72	97.29 1.72 -47.93	85.71 1.70 -41.41	101.56 1.59 -61.17
SITHE___STERLING 23777	36.75 0.79 -1.76	32.78 0.73 -1.50	32.43 0.76 -1.21	31.57 0.74 -1.35	32.66 0.72 -1.92	37.53 0.95 -2.65	49.45 1.57 -3.09	54.29 1.88 -3.02	51.59 1.73 -4.23	45.01 1.40 -4.55	44.78 1.33 -4.21	44.63 1.25 -4.17	49.10 1.33 -4.88	53.76 1.47 -4.85	58.73 1.56 -5.07	63.83 1.91 -3.80	75.93 2.25 -3.20	88.71 2.89 -3.25	77.54 2.77 -5.50	74.66 2.71 -5.78	63.73 2.11 -4.64	54.66 1.52 -5.48	46.83 1.32 -2.90	43.49 1.05 -3.64
SLEIGHT__34_KV_TB1 80719	35.48 0.17 -1.12	31.47 0.12 -0.80	30.93 0.06 -0.41	29.92 0.03 -0.41	30.39 0.00 -0.37	35.07 0.03 -1.10	45.28 -0.18 -0.67	50.16 -0.05 -0.82	47.93 0.23 -2.08	41.10 0.55 -1.49	41.60 0.75 -1.62	41.48 0.67 -1.61	47.48 0.60 -3.98	52.46 0.62 -4.41	57.30 0.36 -4.83	63.49 0.00 -5.38	72.50 -0.42 -2.45	82.98 -0.58 -0.98	75.96 0.28 -6.42	73.04 0.73 -6.14	59.02 -0.28 -2.32	51.91 -0.14 -4.40	43.89 0.09 -1.20	39.48 -0.19 -0.87
SMITHTWN_69_KV_BK 1 55830	34.95 0.75 0.00	31.13 0.58 0.00	30.79 0.34 0.00	29.63 0.15 0.00	30.23 0.21 0.00	34.13 0.20 0.01	41.55 0.31 3.55	42.40 0.59 7.59	41.74 0.68 4.57	40.80 1.17 -0.57	41.33 1.37 -0.71	41.37 1.41 -0.75	45.77 1.63 -1.25	50.91 1.71 -1.76	56.15 2.45 -1.60	62.59 2.44 -2.04	76.87 3.38 -3.01	82.85 3.96 3.69	73.52 3.32 -0.93	69.37 2.78 -0.42	59.20 2.22 0.01	49.12 1.48 0.01	43.28 0.68 0.01	39.72 0.93 0.01
SOUTH CAIRO___GT 23612	35.29 1.09 0.00	31.52 0.98 0.00	31.52 1.07 0.00	30.51 1.03 0.00	31.07 1.05 0.00	35.08 1.15 0.00	46.40 1.61 0.00	50.72 1.33 0.00	46.40 0.78 0.00	40.11 1.05 0.00	39.55 0.31 0.00	39.40 0.20 0.00	43.19 0.30 0.00	47.77 0.33 0.00	52.72 0.63 0.00	56.42 0.87 2.56	65.42 1.83 6.89	69.36 2.72 15.94	54.76 1.87 16.38	53.52 1.92 14.56	51.76 1.82 7.04	46.43 1.14 2.37	43.07 0.47 0.00	39.11 0.31 0.00
SOUTH HAMPTN___IC 23720	34.95 0.75 0.00	31.10 0.55 0.00	30.70 0.24 0.00	29.54 0.06 0.00	30.14 0.12 0.00	33.99 0.07 0.01	41.40 0.18 3.57	42.25 0.49 7.63	41.53 0.50 4.60	40.60 0.98 -0.57	41.29 1.33 -0.71	41.41 1.45 -0.75	45.77 1.63 -1.25	50.77 1.56 -1.76	55.94 2.24 -1.60	62.59 2.44 -2.04	77.01 3.52 -3.01	82.90 4.05 3.72	73.52 3.32 -0.93	69.37 2.78 -0.42	58.91 1.94 0.01	48.83 1.19 0.01	42.98 0.38 0.01	39.49 0.70 0.01
SOUTHDOW_115KV_TB1 355954	36.52 1.40 -0.92	32.37 1.16 -0.66	31.89 1.10 -0.34	31.17 1.36 -0.34	31.53 1.20 -0.31	36.30 1.46 -0.91	46.82 1.48 -0.56	51.45 1.38 -0.67	49.17 1.83 -1.71	42.43 2.15 -1.23	43.40 2.83 -1.33	42.81 2.27 -1.33	48.54 2.36 -3.28	54.02 2.94 -3.63	58.69 2.60 -3.98	64.46 1.92 -4.43	73.44 1.55 -1.42	83.00 0.33 -0.10	77.82 3.26 -5.29	75.07 3.84 -5.07	59.48 1.03 -1.48	52.32 1.05 -3.63	45.73 2.13 -0.99	41.18 1.67 -0.72
SOUTHOLD_69_KV_BK 2 55809	35.36 1.16 0.00	31.43 0.89 0.00	31.00 0.55 0.00	29.77 0.29 0.00	30.38 0.36 0.00	34.23 0.31 0.01	41.48 0.27 3.57	42.35 0.59 7.63	41.62 0.59 4.60	40.68 1.05 -0.57	41.36 1.41 -0.71	41.33 1.37 -0.75	45.77 1.63 -1.25	50.86 1.66 -1.76	56.20 2.50 -1.60	62.82 2.67 -2.04	77.36 3.88 -3.01	83.23 4.38 3.72	73.87 3.67 -0.93	69.57 2.98 -0.42	59.14 2.17 0.01	48.93 1.29 0.01	42.85 0.26 0.01	39.60 0.81 0.01
SOUTHOLD___IC 23719	35.36 1.16 0.00	31.43 0.89 0.00	30.97 0.52 0.00	29.77 0.29 0.00	30.38 0.36 0.00	34.26 0.34 0.01	41.57 0.36 3.57	42.45 0.69 7.63	41.67 0.64 4.60	40.76 1.13 -0.57	41.48 1.53 -0.71	41.57 1.61 -0.75	45.94 1.80 -1.25	50.96 1.76 -1.76	56.15 2.45 -1.60	62.88 2.73 -2.04	77.43 3.94 -3.01	83.31 4.46 3.72	73.86 3.67 -0.93	69.70 3.11 -0.42	59.02 2.05 0.01	48.88 1.24 0.01	42.90 0.30 0.01	39.60 0.82 0.01
SOUTH_FORK_WT_PWR 323839	35.32 1.13 0.00	31.40 0.85 0.00	30.91 0.46 0.00	29.69 0.21 0.00	30.29 0.27 0.00	34.13 0.20 0.01	41.31 0.09 3.57	42.11 0.35 7.63	41.35 0.32 4.60	40.45 0.82 -0.57	41.17 1.22 -0.71	41.21 1.25 -0.75	45.55 1.41 -1.25	50.48 1.28 -1.76	55.63 1.93 -1.60	62.30 2.15 -2.04	76.73 3.24 -3.01	82.32 3.47 3.72	73.04 2.84 -0.93	68.84 2.25 -0.42	58.34 1.37 0.01	48.31 0.67 0.01	42.34 -0.25 0.01	39.25 0.47 0.01
SPIERFLS_115KV_TB 1 80737	35.05 0.85 0.00	31.31 0.76 0.00	31.22 0.76 0.00	30.22 0.74 0.00	30.80 0.78 0.00	34.68 0.75 0.00	45.86 1.07 0.00	50.53 1.14 0.00	46.40 0.78 0.00	39.01 0.51 0.56	38.85 0.31 0.70	38.98 0.51 0.73	42.16 0.47 1.21	46.59 0.85 1.70	51.54 0.99 1.55	62.09 1.45 -2.53	81.73 2.18 -9.07	112.45 2.97 -26.90	97.34 2.77 -25.30	91.52 2.25 -23.10	58.63 1.65 0.00	48.89 1.24 0.00	43.46 0.85 0.00	39.49 0.70 0.00
ST LAWRENCE____ 23600	32.53 0.14 1.80	28.90 0.12 1.77	28.81 0.12 1.77	27.63 0.12 1.97	27.09 0.15 3.08	30.62 0.17 3.48	40.37 0.09 4.50	45.17 0.00 4.22	40.71 -0.14 4.78	32.75 -0.27 6.04	33.66 -0.27 5.30	33.73 -0.23 5.24	38.98 -0.34 3.57	44.02 -0.43 3.00	48.77 -0.47 2.86	57.58 -0.52 0.00	69.06 -0.57 0.84	80.99 -0.66 0.92	66.99 -0.56 1.72	63.15 -0.53 2.49	53.90 -0.11 2.97	43.64 0.10 4.10	39.23 0.17 3.54	33.83 0.27 5.23

STATE_CA_115KV_115_LB 55624	34.10 -0.10 0.00	30.48 -0.06 0.00	30.42 -0.03 0.00	29.45 -0.03 0.00	30.02 0.00 0.00	33.86 -0.07 0.00	44.79 0.00 0.00	49.24 -0.15 0.00	45.54 -0.09 0.00	38.57 0.00 0.49	38.47 -0.16 0.61	38.44 -0.12 0.64	41.71 -0.13 1.06	45.95 0.00 1.49	50.84 0.10 1.36	51.59 0.23 6.75	54.86 0.35 15.97	50.93 0.58 32.23	39.52 0.28 30.03	39.57 0.00 26.60	57.04 0.06 0.00	47.50 -0.14 0.00	42.26 -0.34 0.00	38.52 -0.27 0.00
STATE_ST_34_KV_LOAD 55959	36.85 0.34 -2.31	32.60 0.31 -1.75	31.75 0.24 -1.05	30.81 0.24 -1.09	31.46 0.21 -1.23	36.87 0.34 -2.60	46.38 0.40 -1.20	51.43 0.59 -1.45	50.00 0.68 -3.69	42.41 0.70 -2.65	42.90 0.78 -2.87	42.77 0.71 -2.86	50.70 0.73 -7.08	56.03 0.76 -7.83	61.31 0.63 -8.59	68.24 0.58 -9.56	82.59 0.49 -11.63	93.38 0.58 -10.23	81.85 1.18 -11.40	78.40 1.32 -10.91	66.90 0.57 -9.35	55.90 0.43 -7.82	45.25 0.51 -2.14	40.62 0.27 -1.55
STATION_5_MISC_HYD 23604	35.59 0.55 -0.85	31.64 0.49 -0.61	31.26 0.49 -0.32	30.15 0.36 -0.31	30.63 0.33 -0.28	35.07 0.30 -0.84	45.30 0.00 -0.51	50.16 0.15 -0.62	47.80 0.59 -1.58	41.05 0.86 -1.13	41.53 1.06 -1.23	41.25 0.82 -1.22	46.78 0.86 -3.03	51.79 1.00 -3.35	56.56 0.78 -3.67	62.37 0.17 -4.09	69.97 -0.42 0.08	80.18 -0.83 1.57	74.57 0.42 -4.88	71.83 0.99 -4.67	57.09 -0.23 -0.34	51.14 0.14 -3.35	43.90 0.38 -0.91	39.62 0.16 -0.66
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.99 1.20 -1.60	32.76 1.07 -1.15	32.02 0.97 -0.59	30.95 0.88 -0.59	31.45 0.90 -0.53	36.66 1.15 -1.58	47.00 1.25 -0.96	52.09 1.53 -1.17	50.24 1.64 -2.97	42.91 1.72 -2.14	43.47 1.92 -2.31	43.27 1.76 -2.30	50.39 1.80 -5.70	55.79 2.04 -6.30	60.89 1.88 -6.92	67.49 1.69 -7.70	79.66 1.55 -7.64	90.36 1.57 -6.22	81.09 2.63 -9.19	78.13 3.18 -8.79	64.81 1.54 -6.29	55.23 1.29 -6.30	45.73 1.41 -1.72	41.02 0.97 -1.25
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.39 0.34 -0.85	31.43 0.27 -0.61	30.99 0.21 -0.32	29.94 0.15 -0.31	30.42 0.12 -0.29	34.91 0.14 -0.84	45.03 -0.27 -0.52	49.77 -0.25 -0.62	47.40 0.18 -1.59	40.78 0.59 -1.14	41.30 0.82 -1.24	41.18 0.74 -1.23	46.63 0.69 -3.05	51.52 0.71 -3.37	56.21 0.42 -3.70	62.10 -0.12 -4.11	69.68 -0.70 0.09	79.95 -1.07 1.55	74.25 0.07 -4.91	71.59 0.73 -4.70	56.89 -0.46 -0.36	50.77 -0.24 -3.37	43.61 0.09 -0.92	39.31 -0.16 -0.67
STA_56___34_KV_BUS2 355983	35.39 0.34 -0.85	31.43 0.27 -0.61	30.99 0.21 -0.32	29.94 0.15 -0.31	30.42 0.12 -0.29	34.91 0.14 -0.84	45.03 -0.27 -0.52	49.77 -0.25 -0.62	47.40 0.18 -1.59	40.78 0.59 -1.14	41.30 0.82 -1.24	41.18 0.74 -1.23	46.63 0.69 -3.05	51.52 0.71 -3.37	56.21 0.42 -3.70	62.10 -0.12 -4.11	69.68 -0.70 0.09	79.95 -1.07 1.55	74.25 0.07 -4.91	71.59 0.73 -4.70	56.89 -0.46 -0.36	50.77 -0.24 -3.37	43.61 0.09 -0.92	39.31 -0.16 -0.67
STA_67___115KV_BK2 355882	35.56 0.51 -0.85	31.58 0.43 -0.61	31.13 0.37 -0.31	30.09 0.29 -0.31	30.57 0.27 -0.28	35.04 0.27 -0.84	45.16 -0.13 -0.51	49.96 -0.05 -0.62	47.52 0.32 -1.57	40.93 0.74 -1.13	41.44 0.98 -1.23	41.33 0.90 -1.22	46.73 0.81 -3.02	51.63 0.85 -3.34	56.33 0.57 -3.66	62.18 0.00 -4.08	69.76 -0.56 0.15	79.98 -0.99 1.60	74.41 0.28 -4.86	71.81 0.99 -4.65	56.96 -0.34 -0.32	50.89 -0.10 -3.34	43.81 0.30 -0.91	39.50 0.04 -0.66
STA_7___115KV_9TRANS 80674	35.80 0.75 -0.85	31.80 0.64 -0.61	31.35 0.58 -0.32	30.26 0.47 -0.31	30.75 0.45 -0.28	35.28 0.51 -0.84	45.48 0.18 -0.51	50.31 0.30 -0.62	47.89 0.68 -1.58	41.25 1.05 -1.14	41.80 1.33 -1.23	41.64 1.22 -1.22	47.12 1.20 -3.03	52.03 1.23 -3.35	56.76 0.99 -3.67	62.60 0.41 -4.09	70.29 -0.07 0.12	80.59 -0.41 1.57	74.91 0.76 -4.88	72.36 1.52 -4.67	57.44 0.11 -0.34	51.28 0.29 -3.35	44.12 0.60 -0.91	39.73 0.27 -0.66
STA_82___115KV_TB1 80780	35.61 0.55 -0.86	31.62 0.46 -0.62	31.14 0.37 -0.32	30.12 0.32 -0.32	30.58 0.27 -0.29	35.09 0.31 -0.85	45.22 0.27 -0.52	49.97 -0.05 -0.63	47.60 0.37 -1.61	40.95 0.74 -1.15	41.51 1.02 -1.25	41.35 0.90 -1.24	46.79 0.81 -3.08	51.70 0.85 -3.40	56.41 0.57 -3.73	62.32 0.06 -4.16	70.01 -0.49 -0.03	80.25 -0.91 1.42	74.51 0.28 -4.96	71.91 0.99 -4.75	57.15 -0.28 -0.45	51.00 -0.05 -3.40	43.83 0.30 -0.93	39.51 0.04 -0.68
STEEL___WIND 323596	35.62 0.51 -0.90	31.62 0.43 -0.65	31.31 0.52 -0.34	30.34 0.53 -0.33	30.65 0.33 -0.30	35.03 0.20 -0.89	44.71 -0.63 -0.55	49.21 -0.84 -0.66	47.36 0.05 -1.68	40.77 0.51 -1.21	41.45 0.90 -1.31	40.79 0.28 -1.31	46.43 0.30 -3.23	51.73 0.71 -3.57	56.28 0.26 -3.92	61.71 -0.76 -4.36	69.66 -1.97 -1.16	78.80 -3.55 0.23	73.92 -0.56 -5.20	71.35 0.20 -4.98	56.58 -1.65 -1.25	50.45 -0.76 -3.57	43.92 0.34 -0.98	39.78 0.27 -0.71
STEPHTWN_115KV_BK_2 55603	34.27 0.07 0.00	30.64 0.09 0.00	30.55 0.09 0.00	29.57 0.09 0.00	30.17 0.15 0.00	34.07 0.14 0.00	45.05 0.27 0.00	49.54 0.15 0.00	45.77 0.14 0.00	38.78 0.20 0.47	38.61 -0.04 0.59	38.58 0.00 0.62	41.87 0.00 1.02	46.14 0.14 1.44	51.05 0.26 1.31	50.85 0.46 7.73	52.55 0.70 18.63	44.97 0.99 38.60	33.97 0.69 35.99	34.61 0.40 31.96	57.32 0.34 0.00	47.70 0.05 0.00	42.43 -0.17 0.00	38.68 -0.12 0.00
STEUBEN_REC_LFGE 323667	35.81 0.41 -1.20	31.75 0.34 -0.87	31.21 0.30 -0.45	30.25 0.32 -0.44	30.63 0.21 -0.40	35.49 0.37 -1.19	45.70 0.18 -0.73	50.47 0.20 -0.88	48.46 0.59 -2.24	41.64 0.98 -1.61	42.47 1.49 -1.74	42.12 1.18 -1.74	48.43 1.24 -4.30	53.71 1.52 -4.75	58.56 1.25 -5.21	64.72 0.81 -5.80	75.82 0.35 -4.99	86.18 -0.17 -3.77	78.13 1.94 -6.93	75.38 2.58 -6.63	61.62 0.46 -4.18	53.16 0.76 -4.75	45.22 1.32 -1.30	40.67 0.93 -0.94
STILLWATER___SOLAR 323814	35.15 0.96 0.00	31.37 0.83 0.00	31.28 0.82 0.00	30.30 0.82 0.00	30.86 0.84 0.00	34.85 0.92 0.00	46.13 1.34 0.00	50.82 1.43 0.00	46.77 1.14 0.00	39.29 0.86 0.62	39.17 0.71 0.77	39.21 0.82 0.82	46.32 0.90 -2.53	53.60 1.19 -4.97	56.43 1.41 -2.93	63.84 1.86 -3.88	85.86 2.47 -12.92	122.31 3.22 -36.52	106.42 2.84 -34.31	99.91 2.51 -31.23	58.86 1.88 0.00	49.03 1.38 0.00	43.63 1.02 0.00	39.69 0.89 0.00
STONY___BROOK 24151	34.95 0.75 0.00	31.12 0.58 0.00	30.76 0.30 0.00	29.63 0.15 0.00	30.23 0.21 0.00	34.16 0.24 0.01	41.63 0.40 3.55	42.48 0.69 7.60	41.82 0.77 4.58	40.84 1.21 -0.57	41.48 1.53 -0.71	41.60 1.65 -0.75	45.94 1.80 -1.25	50.86 1.66 -1.76	55.99 2.29 -1.60	62.41 2.26 -2.04	76.73 3.24 -3.01	82.59 3.72 3.70	73.24 3.04 -0.93	69.17 2.58 -0.42	58.80 1.82 0.01	48.97 1.33 0.01	43.28 0.68 0.01	39.68 0.89 0.01
STURGEON_POOL_HYD 23609	34.85 0.65 0.00	31.13 0.58 0.00	31.00 0.55 0.00	30.01 0.53 0.00	30.53 0.51 0.00	34.54 0.61 0.00	45.73 0.94 0.00	50.48 1.09 0.00	46.72 1.10 0.00	40.72 1.37 -0.29	41.02 1.41 -0.37	40.96 1.37 -0.39	45.20 1.67 -0.64	50.48 2.13 -0.90	55.47 2.55 -0.82	61.45 2.79 -0.55	74.37 3.66 -0.23	84.24 4.13 2.46	69.69 3.12 2.70	66.48 2.91 2.60	57.83 2.39 1.55	48.79 1.67 0.52	43.75 1.15 0.00	39.84 1.05 0.00

ST_LAW_115_BK7_LBMP 345037	31.86 0.17 2.51	28.25 0.12 2.42	28.21 0.12 2.37	26.89 0.15 2.74	25.89 0.15 4.28	29.30 0.20 4.84	38.61 0.09 6.27	43.56 0.05 5.88	38.84 -0.14 6.65	30.38 -0.27 8.41	31.58 -0.27 7.38	31.67 -0.23 7.30	37.59 -0.34 4.96	42.84 -0.43 4.18	47.70 -0.42 3.98	57.58 -0.52 0.00	68.80 -0.64 1.04	80.78 -0.66 1.13	66.40 -0.56 2.31	62.17 -0.53 3.47	52.79 -0.06 4.14	42.08 0.14 5.71	37.89 0.21 4.93	31.82 0.31 7.29
ST_LAW_115_BK8_LBMP 345038	31.86 0.17 2.51	28.25 0.12 2.42	28.21 0.12 2.37	26.89 0.15 2.74	25.89 0.15 4.28	29.30 0.20 4.84	38.61 0.09 6.27	43.56 0.05 5.88	38.84 -0.14 6.65	30.38 -0.27 8.41	31.58 -0.27 7.38	31.67 -0.23 7.30	37.59 -0.34 4.96	42.84 -0.43 4.18	47.70 -0.42 3.98	57.58 -0.52 0.00	68.80 -0.64 1.04	80.78 -0.66 1.13	66.40 -0.56 2.31	62.17 -0.53 3.47	52.79 -0.06 4.14	42.08 0.14 5.71	37.89 0.21 4.93	31.82 0.31 7.29
ST_LAW_230_BK5_LBMP 345035	32.86 0.14 1.47	29.25 0.12 1.42	29.19 0.12 1.39	27.99 0.12 1.61	27.66 0.15 2.51	31.27 0.17 2.83	41.21 0.09 3.67	45.95 0.00 3.44	41.60 -0.14 3.90	33.86 -0.27 4.92	34.64 -0.27 4.32	34.70 -0.23 4.27	39.64 -0.34 2.91	44.57 -0.43 2.45	49.30 -0.47 2.33	57.58 -0.52 0.00	69.30 -0.57 0.61	81.25 -0.66 0.66	67.36 -0.56 1.35	63.61 -0.53 2.03	54.45 -0.11 2.42	44.40 0.10 3.34	39.89 0.17 2.89	34.80 0.27 4.27
ST_LAW_230_BK6_LBMP 345036	32.86 0.14 1.47	29.25 0.12 1.42	29.19 0.12 1.39	27.99 0.12 1.61	27.66 0.15 2.51	31.27 0.17 2.83	41.21 0.09 3.67	45.95 0.00 3.44	41.60 -0.14 3.90	33.86 -0.27 4.92	34.64 -0.27 4.32	34.70 -0.23 4.27	39.64 -0.34 2.91	44.57 -0.43 2.45	49.30 -0.47 2.33	57.58 -0.52 0.00	69.30 -0.57 0.61	81.25 -0.66 0.66	67.36 -0.56 1.35	63.61 -0.53 2.03	54.45 -0.11 2.42	44.40 0.10 3.34	39.89 0.17 2.89	34.80 0.27 4.27
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.85 0.65 0.00	31.10 0.55 0.00	30.97 0.52 0.00	29.95 0.47 0.00	30.50 0.48 0.00	34.54 0.61 0.00	45.77 0.99 0.00	50.53 1.14 0.00	46.81 1.19 0.00	40.84 1.29 -0.50	41.19 1.33 -0.62	41.19 1.33 -0.66	45.60 1.63 -1.08	50.86 1.90 -1.52	55.78 2.29 -1.39	62.43 2.56 -1.76	76.39 3.31 -2.60	87.28 3.72 -0.99	73.05 2.98 -0.80	69.18 2.65 -0.37	59.09 2.11 0.00	49.08 1.43 0.00	43.67 1.07 0.00	39.73 0.93 0.00
SWANROAD_115KV_TB1 355699	35.01 -0.07 -0.88	31.06 -0.12 -0.64	30.57 -0.21 -0.33	29.77 -0.03 -0.33	30.04 -0.27 -0.30	34.26 -0.54 -0.87	43.40 -1.93 -0.54	47.67 -2.37 -0.65	45.77 -1.51 -1.64	39.77 -0.47 -1.18	40.44 -0.08 -1.28	40.13 -0.35 -1.28	45.40 -0.64 -3.15	50.31 -0.62 -3.49	54.57 -1.35 -3.83	59.81 -2.56 -4.26	66.98 -4.23 -0.74	75.75 -6.19 0.64	71.44 -2.91 -5.08	69.38 -1.65 -4.87	54.48 -3.48 -0.97	48.89 -2.24 -3.49	42.75 -0.81 -0.95	38.71 -0.78 -0.69
SYNERGY___BIOGAS 323694	36.51 1.44 -0.88	32.40 1.22 -0.63	31.91 1.13 -0.33	30.86 1.06 -0.32	31.27 0.96 -0.29	35.85 1.05 -0.87	45.90 0.58 -0.53	50.67 0.64 -0.64	48.36 1.10 -1.64	41.83 1.60 -1.18	42.47 1.96 -1.27	42.16 1.69 -1.27	47.62 1.59 -3.14	52.62 1.71 -3.47	57.21 1.30 -3.81	62.81 0.46 -4.24	70.67 -0.28 -0.48	80.83 -0.83 0.92	75.57 1.25 -5.05	73.39 2.38 -4.84	57.88 0.11 -0.79	51.59 0.48 -3.47	44.70 1.15 -0.95	40.30 0.81 -0.69
SYRACUSE___ENERGY_ST1 323597	36.80 0.03 -2.57	32.52 0.03 -1.95	31.64 0.00 -1.18	30.71 0.00 -1.23	31.43 0.00 -1.41	36.84 0.00 -2.91	47.01 -0.04 -2.27	52.02 0.10 -2.53	50.92 0.18 -5.11	43.62 0.31 -4.25	43.96 0.39 -4.33	43.86 0.35 -4.31	51.79 0.34 -8.55	56.83 0.14 -9.25	62.05 -0.10 -10.05	68.47 -0.12 -10.48	83.02 -0.35 -12.90	93.37 -0.41 -11.21	82.14 0.00 -12.87	78.76 0.07 -12.52	67.61 -0.28 -10.92	56.90 -0.24 -9.49	45.82 0.09 -3.13	41.63 -0.04 -2.87
SYRACUSE___ENERGY_ST2 323598	36.80 0.03 -2.57	32.52 0.03 -1.95	31.64 0.00 -1.18	30.71 0.00 -1.23	31.43 0.00 -1.41	36.84 0.00 -2.91	47.01 -0.04 -2.27	52.02 0.10 -2.53	50.92 0.18 -5.11	43.62 0.31 -4.25	43.96 0.39 -4.33	43.86 0.35 -4.31	51.79 0.34 -8.55	56.83 0.14 -9.25	62.05 -0.10 -10.05	68.47 -0.12 -10.48	83.02 -0.35 -12.90	93.37 -0.41 -11.21	82.14 0.00 -12.87	78.76 0.07 -12.52	67.61 -0.28 -10.92	56.90 -0.24 -9.49	45.82 0.09 -3.13	41.63 -0.04 -2.87
SYRACUSE___POWER 24017	36.25 -0.03 -2.09	32.12 -0.03 -1.61	31.45 -0.03 -1.02	30.50 -0.06 -1.08	31.25 -0.06 -1.29	36.33 -0.07 -2.47	46.62 -0.18 -2.02	51.80 0.10 -2.31	50.14 0.18 -4.33	43.11 0.27 -3.78	43.37 0.35 -3.78	43.23 0.27 -3.75	50.04 0.30 -6.85	55.05 0.28 -7.33	60.18 0.16 -7.93	66.22 0.12 -8.00	78.67 0.00 -8.20	89.18 0.00 -6.60	79.59 0.35 -9.97	76.34 0.40 -9.78	64.37 0.00 -7.39	55.21 -0.05 -7.61	45.35 0.04 -2.71	41.37 -0.08 -2.66
TALLMAN_138KV_BK151 55660	35.02 0.82 0.00	31.25 0.70 0.00	31.09 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.71 0.78 0.00	46.04 1.25 0.00	50.92 1.53 0.00	47.23 1.60 0.00	41.27 1.68 -0.53	41.63 1.73 -0.66	41.71 1.80 -0.70	46.19 2.14 -1.15	51.54 2.47 -1.63	56.50 2.92 -1.48	63.24 3.25 -1.88	77.48 4.23 -2.78	88.34 4.71 -1.06	73.87 3.74 -0.86	69.94 3.37 -0.40	59.60 2.62 0.00	49.46 1.81 0.00	44.01 1.41 0.00	40.00 1.20 0.00
TEALLAVE_115KV_TB7 355573	36.07 -0.10 -1.97	31.99 -0.09 -1.54	31.35 -0.12 -1.02	30.44 -0.12 -1.08	31.24 -0.12 -1.34	36.17 -0.17 -2.41	46.57 -0.31 -2.10	51.44 -0.20 -2.24	49.65 -0.05 -4.07	42.78 0.08 -3.64	43.00 0.16 -3.60	42.90 0.12 -3.58	49.29 0.13 -6.26	54.21 0.09 -6.67	59.30 0.00 -7.20	65.13 -0.12 -7.14	76.87 -0.28 -6.68	87.16 -0.41 -5.00	78.24 0.00 -8.97	75.07 0.07 -8.84	62.82 -0.34 -6.18	54.33 -0.29 -6.97	45.00 -0.17 -2.57	41.12 -0.27 -2.60
TELGRAPH_34_KV_EAST 80808	35.80 0.72 -0.88	31.76 0.58 -0.63	31.27 0.49 -0.33	30.36 0.56 -0.32	30.70 0.39 -0.29	35.11 0.31 -0.87	44.78 -0.54 -0.53	49.34 -0.69 -0.64	47.22 -0.05 -1.64	40.90 0.66 -1.18	41.57 1.06 -1.28	41.30 0.82 -1.27	46.68 0.64 -3.14	51.63 0.71 -3.48	56.12 0.21 -3.81	61.60 -0.76 -4.24	69.13 -1.90 -0.56	78.69 -3.06 0.83	73.78 -0.55 -5.07	71.61 0.60 -4.85	56.40 -1.42 -0.84	50.41 -0.71 -3.47	43.85 0.30 -0.95	39.60 0.12 -0.69
TEMPLE___115KV_TB 2 55572	36.10 -0.07 -1.97	32.02 -0.06 -1.53	31.37 -0.09 -1.01	30.43 -0.12 -1.07	31.22 -0.12 -1.32	36.16 -0.17 -2.40	46.59 -0.27 -2.07	51.41 -0.20 -2.22	49.63 -0.05 -4.05	42.78 0.12 -3.61	43.01 0.20 -3.58	42.91 0.16 -3.55	49.32 0.17 -6.26	54.25 0.14 -6.67	59.30 0.00 -7.20	65.21 -0.06 -7.16	76.85 -0.28 -6.66	87.23 -0.33 -4.99	78.26 0.00 -8.99	75.15 0.13 -8.85	62.86 -0.28 -6.16	54.32 -0.29 -6.96	44.99 -0.17 -2.55	41.10 -0.27 -2.57
TIANA___69_KV_BK 1 55817	34.85 0.65 0.00	31.03 0.49 0.00	30.67 0.21 0.00	29.48 0.00 0.00	30.08 0.06 0.00	33.96 0.03 0.01	41.26 0.04 3.57	42.10 0.35 7.63	41.44 0.41 4.60	40.53 0.90 -0.57	41.13 1.18 -0.71	41.13 1.18 -0.75	45.56 1.42 -1.25	50.67 1.47 -1.76	55.94 2.24 -1.60	62.53 2.38 -2.04	76.87 3.38 -3.01	82.82 3.96 3.72	73.52 3.32 -0.93	69.30 2.71 -0.42	59.03 2.05 0.01	48.88 1.24 0.01	42.98 0.38 0.01	39.49 0.70 0.01

TILDEN___115KV_TB1 80814	36.25 -0.03 -2.09	32.12 -0.03 -1.61	31.45 -0.03 -1.02	30.50 -0.06 -1.08	31.25 -0.06 -1.29	36.33 -0.07 -2.47	46.62 -0.18 -2.02	51.80 0.10 -2.31	50.14 0.18 -4.33	43.11 0.27 -3.78	43.37 0.35 -3.78	43.23 0.27 -3.75	50.04 0.30 -6.85	55.05 0.28 -7.33	60.18 0.16 -7.93	66.22 0.12 -8.00	78.67 0.00 -8.20	89.18 0.00 -6.60	79.59 0.35 -9.97	76.34 0.40 -9.78	64.37 0.00 -7.39	55.21 -0.05 -7.61	45.35 0.04 -2.71	41.37 -0.08 -2.66
TRIGEN___CC 323695	34.85 0.65 0.00	31.13 0.58 0.00	30.85 0.40 0.00	29.74 0.27 0.00	30.32 0.30 0.00	34.26 0.34 0.01	44.44 0.58 0.93	48.25 0.84 1.98	45.44 1.00 1.20	40.88 1.25 -0.57	41.44 1.49 -0.72	41.57 1.61 -0.76	46.03 1.89 -1.25	51.39 2.18 -1.76	56.41 2.71 -1.60	63.17 3.02 -2.04	77.43 3.95 -3.01	86.92 4.46 0.12	73.80 3.60 -0.93	69.77 3.18 -0.42	59.43 2.45 0.01	49.21 1.57 0.01	43.54 0.94 0.01	39.64 0.85 0.01
TRINITY___115KV___4 BK 55933	33.99 -0.21 0.00	30.36 -0.18 0.00	30.30 -0.15 0.00	29.33 -0.15 0.00	29.90 -0.12 0.00	33.73 -0.20 0.00	44.61 -0.18 0.00	49.04 -0.35 0.00	45.35 -0.27 0.00	38.43 -0.16 0.47	38.33 -0.31 0.59	38.31 -0.27 0.62	41.57 -0.30 1.03	45.76 -0.24 1.45	50.68 -0.10 1.32	50.52 0.00 7.59	52.29 0.07 18.25	45.04 0.17 37.70	33.98 -0.14 35.15	34.63 -0.33 31.21	56.81 -0.17 0.00	47.31 -0.33 0.00	42.09 -0.51 0.00	38.41 -0.39 0.00
UNION___PROCESSING_DRP 323587	35.61 0.55 -0.87	31.63 0.46 -0.62	31.17 0.40 -0.32	30.12 0.32 -0.32	30.61 0.30 -0.29	35.09 0.31 -0.86	45.22 -0.09 -0.53	49.98 -0.05 -0.64	47.61 0.37 -1.62	40.96 0.74 -1.16	41.52 1.02 -1.26	41.36 0.90 -1.25	46.85 0.86 -3.10	51.77 0.90 -3.43	56.49 0.63 -3.76	62.35 0.06 -4.19	70.08 -0.49 -0.10	80.31 -0.91 1.36	74.61 0.35 -5.00	72.01 1.06 -4.78	57.20 -0.28 -0.50	51.03 -0.05 -3.43	43.88 0.34 -0.94	39.55 0.08 -0.68
UPPER HUDSON___HYD 24058	35.09 0.89 0.00	31.31 0.76 0.00	31.22 0.76 0.00	30.22 0.74 0.00	30.80 0.78 0.00	34.68 0.75 0.00	45.91 1.12 0.00	50.57 1.18 0.00	46.45 0.82 0.00	39.04 0.55 0.56	38.89 0.35 0.70	38.98 0.51 0.73	45.07 0.52 -1.66	51.73 0.90 -3.39	54.99 0.99 -1.90	62.09 1.45 -2.53	81.73 2.19 -9.07	112.44 2.97 -26.90	97.34 2.77 -25.30	91.58 2.31 -23.10	58.64 1.65 0.00	48.84 1.19 0.00	43.46 0.85 0.00	39.49 0.70 0.00
UPPER RAQUET___HYD 24056	51.96 0.92 -16.84	47.50 0.83 -16.13	46.98 0.82 -15.70	48.46 0.82 -18.15	59.19 0.87 -28.30	67.11 1.02 -32.16	87.88 1.52 -41.57	89.94 1.53 -39.01	91.22 1.14 -44.45	95.66 0.74 -55.86	89.03 0.67 -49.13	88.45 0.67 -48.58	77.33 0.60 -33.84	76.72 0.52 -28.76	80.27 0.57 -27.60	60.00 0.41 -1.49	79.90 0.56 -8.87	92.06 0.41 -9.07	86.62 0.35 -17.00	91.18 0.47 -24.55	86.74 1.03 -28.73	87.86 1.33 -38.88	77.00 1.53 -32.87	88.58 1.47 -48.31
VALLEY44_115KV_TB2 355964	35.36 0.24 -0.93	31.36 0.15 -0.67	30.86 0.06 -0.34	30.00 0.18 -0.34	30.33 0.00 -0.31	34.88 0.03 -0.92	44.90 -0.45 -0.56	49.08 -0.99 -0.68	46.99 -0.37 -1.72	40.45 0.16 -1.24	41.17 0.59 -1.34	40.74 0.20 -1.34	46.29 0.09 -3.31	51.48 0.38 -3.66	55.96 -0.16 -4.01	61.53 -1.05 -4.47	69.96 -2.04 -1.53	79.33 -3.47 -0.22	74.25 -0.35 -5.33	71.73 0.46 -5.10	56.78 -1.77 -1.56	50.16 -1.14 -3.66	43.69 0.09 -1.00	39.48 -0.04 -0.73
VALLEY___115KV_TB 1-4 80826	34.59 0.00 -0.39	30.95 0.03 -0.38	30.85 0.03 -0.37	29.94 0.03 -0.43	30.72 0.03 -0.67	34.82 0.14 -0.75	46.16 0.36 -1.02	50.63 0.30 -0.94	46.97 0.27 -1.07	40.68 0.27 -1.35	40.73 0.31 -1.18	40.69 0.31 -1.17	43.99 0.30 -0.80	48.44 0.33 -0.67	53.05 0.31 -0.64	58.63 0.52 0.00	71.35 0.70 -0.17	83.23 0.66 0.00	70.33 0.69 -0.37	67.38 0.66 -0.56	58.16 0.51 -0.66	48.80 0.24 -0.92	43.57 0.17 -0.79	40.08 0.12 -1.17
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.85 1.09 -0.56	31.93 0.98 -0.40	31.67 1.01 -0.21	30.69 1.00 -0.21	31.20 0.99 -0.19	35.67 1.19 -0.55	46.87 1.75 -0.34	51.73 1.93 -0.41	48.59 1.92 -1.05	41.57 1.76 -0.75	41.78 1.73 -0.81	41.74 1.72 -0.81	46.70 1.80 -2.01	51.70 2.04 -2.22	56.72 2.19 -2.43	63.43 2.61 -2.71	77.02 3.24 -3.31	89.27 3.80 -2.90	75.69 3.19 -3.23	72.30 3.04 -3.09	62.03 2.39 -2.65	51.58 1.72 -2.22	44.74 1.53 -0.61	40.55 1.32 -0.44
VISCHER___FERRY HYD 24020	34.71 0.51 0.00	31.00 0.46 0.00	30.91 0.46 0.00	29.92 0.44 0.00	30.50 0.48 0.00	34.44 0.51 0.00	45.63 0.85 0.00	50.28 0.89 0.00	46.40 0.77 0.00	38.95 0.66 0.76	38.87 0.59 0.95	38.86 0.67 1.01	49.94 0.73 -6.32	60.15 0.90 -11.81	60.65 1.10 -7.46	69.31 1.39 -9.81	101.64 1.83 -29.34	161.16 2.31 -76.28	142.68 1.87 -71.54	132.57 1.65 -64.74	58.12 1.14 0.00	48.46 0.81 0.00	43.03 0.43 0.00	39.26 0.47 0.00
V_A_10_SYNC_DSASP 323832	35.31 0.27 -0.84	31.33 0.18 -0.60	30.89 0.12 -0.31	30.02 0.24 -0.31	30.36 0.06 -0.28	34.62 -0.14 -0.83	44.04 -1.25 -0.51	48.52 -1.48 -0.61	46.50 -0.68 -1.56	40.22 0.04 -1.12	40.84 0.39 -1.21	40.65 0.24 -1.21	45.93 0.04 -2.99	50.80 0.05 -3.31	55.26 -0.47 -3.63	60.75 -1.39 -4.04	67.85 -2.75 -0.13	77.09 -4.21 1.27	72.42 -1.66 -4.82	70.31 -0.46 -4.61	55.21 -2.28 -0.51	49.62 -1.33 -3.30	43.25 -0.26 -0.90	39.10 -0.35 -0.66
V_CMM_10_SYNC_DSASP 323787	31.99 0.31 2.51	28.40 0.27 2.42	28.36 0.27 2.37	27.03 0.29 2.74	26.04 0.30 4.28	29.43 0.34 4.84	38.92 0.40 6.27	43.90 0.40 5.88	39.20 0.23 6.65	30.65 0.00 8.41	31.86 0.00 7.38	31.91 0.00 7.30	37.89 -0.04 4.96	43.12 -0.14 4.18	47.96 -0.16 3.98	57.82 -0.29 0.00	69.15 -0.28 1.04	82.24 -0.33 0.00	66.68 -0.28 2.31	62.44 -0.26 3.47	53.07 0.23 4.14	42.32 0.38 5.71	38.10 0.43 4.93	31.97 0.47 7.29
V_CMP_10_SYNC_DSASP 323788	37.24 1.78 -1.26	33.29 1.53 -1.22	33.17 1.52 -1.19	32.42 1.56 -1.38	33.86 1.68 -2.16	38.33 1.97 -2.44	48.41 0.45 -3.17	51.87 -0.49 -2.97	48.40 -0.59 -3.36	43.77 0.47 -4.25	43.40 0.43 -3.73	43.36 0.47 -3.69	45.27 -0.13 -2.51	48.55 -1.00 -2.11	53.12 -0.99 -2.01	57.00 -1.11 0.00	69.87 -1.13 -0.53	81.91 -1.24 -0.57	69.47 -0.97 -1.17	66.99 -0.93 -1.75	58.68 -0.40 -2.09	50.82 0.29 -2.89	46.72 1.62 -2.49	44.96 2.49 -3.68
V_D_10_SYNC_DSASP 323841	58.84 0.58 -24.06	54.21 0.52 -23.15	53.66 0.52 -22.68	56.27 0.53 -26.26	71.60 0.54 -41.04	80.91 0.61 -46.37	116.13 0.67 -70.67	116.31 0.64 -66.28	121.00 0.41 -74.97	134.00 0.20 -94.74	122.58 0.16 -83.18	121.64 0.20 -82.24	99.01 0.17 -55.94	94.59 0.10 -47.06	97.14 0.16 -44.88	58.16 0.06 0.00	82.35 0.14 -11.73	95.52 0.17 -12.78	95.50 0.21 -26.02	105.42 0.20 -39.05	104.22 0.63 -46.61	112.71 0.72 -64.35	98.96 0.77 -55.59	121.74 0.82 -82.13
V_E_10_SYNC_DSASP 323830	37.22 1.91 -1.11	33.11 1.77 -0.80	32.63 1.77 -0.41	31.63 1.74 -0.41	32.16 1.77 -0.37	37.36 2.34 -1.09	49.05 3.58 -0.68	54.25 4.05 -0.81	51.48 3.79 -2.06	43.62 3.08 -1.48	43.87 3.02 -1.61	43.59 2.78 -1.60	49.72 2.87 -3.96	55.09 3.27 -4.38	60.34 3.44 -4.80	67.81 4.36 -5.34	82.39 5.35 -6.57	95.06 6.77 -5.72	82.29 6.65 -6.38	78.88 6.62 -6.10	67.34 5.13 -5.23	55.74 3.72 -4.37	47.21 3.41 -1.19	42.46 2.79 -0.87

V_F_30_NSYNC___DSASP 323816	35.19 0.99 0.00	31.43 0.89 0.00	31.34 0.88 0.00	30.33 0.86 0.00	30.89 0.87 0.00	34.91 0.98 0.00	46.18 1.39 0.00	50.87 1.48 0.00	46.81 1.18 0.00	39.40 0.94 0.59	39.32 0.83 0.74	39.33 0.90 0.78	46.02 0.99 -2.14	53.03 1.33 -4.26	56.08 1.51 -2.47	63.36 1.98 -3.28	84.28 2.61 -11.20	118.17 3.39 -32.21	102.52 2.98 -30.28	96.34 2.58 -27.59	58.92 1.94 0.00	49.08 1.43 0.00	43.67 1.07 0.00	39.77 0.97 0.00
V_F_30_SYNC_DSASP 323786	34.10 -0.10 0.00	30.48 -0.06 0.00	30.42 -0.03 0.00	29.45 -0.03 0.00	30.02 0.00 0.00	33.86 -0.07 0.00	44.79 0.00 0.00	49.24 -0.15 0.00	45.54 -0.09 0.00	38.57 0.00 0.49	38.47 -0.16 0.61	38.44 -0.12 0.64	41.71 -0.13 1.06	45.91 -0.05 1.49	50.85 0.10 1.35	51.52 0.23 6.82	54.67 0.35 16.16	50.47 0.58 32.68	39.09 0.28 30.45	39.19 0.00 26.98	57.04 0.06 0.00	47.50 -0.14 0.00	42.26 -0.34 0.00	38.52 -0.27 0.00
V_XM_10_SYNC_DSASP 323789	37.24 1.78 -1.26	33.29 1.53 -1.22	33.17 1.52 -1.19	32.42 1.56 -1.38	33.86 1.68 -2.16	38.33 1.97 -2.44	48.41 0.45 -3.17	51.87 -0.49 -2.97	48.40 -0.59 -3.36	43.77 0.47 -4.25	43.40 0.43 -3.73	43.36 0.47 -3.69	45.27 -0.13 -2.51	48.55 -1.00 -2.11	53.12 -0.99 -2.01	57.00 -1.11 0.00	69.87 -1.13 -0.53	81.91 -1.24 -0.57	69.47 -0.97 -1.17	66.99 -0.93 -1.75	58.68 -0.40 -2.09	50.82 0.29 -2.89	46.72 1.62 -2.49	44.96 2.49 -3.68
W.BABYLN_69_KV_BK1 56697	35.22 1.03 0.00	31.40 0.86 0.00	31.06 0.61 0.00	29.89 0.41 0.00	30.50 0.48 0.00	34.43 0.51 0.01	42.29 0.76 3.25	43.52 1.09 6.96	42.62 1.19 4.19	41.15 1.52 -0.57	41.72 1.77 -0.71	41.84 1.88 -0.75	46.24 2.10 -1.25	51.53 2.32 -1.76	56.72 3.02 -1.60	63.40 3.25 -2.04	77.71 4.23 -3.01	84.15 4.87 3.29	74.28 4.09 -0.93	70.10 3.51 -0.42	59.88 2.91 0.01	49.69 2.05 0.01	43.83 1.24 0.01	40.07 1.28 0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.16 0.96 0.00	31.37 0.82 0.00	31.22 0.76 0.00	30.19 0.71 0.00	30.74 0.72 0.00	34.85 0.92 0.00	46.26 1.48 0.00	51.12 1.73 0.00	47.41 1.78 0.00	41.47 1.87 -0.54	41.84 1.92 -0.68	41.88 1.96 -0.71	46.39 2.32 -1.18	51.80 2.70 -1.66	56.78 3.18 -1.51	63.57 3.54 -1.92	77.89 4.58 -2.83	88.85 5.20 -1.08	74.16 4.02 -0.88	70.21 3.64 -0.40	59.89 2.91 0.00	49.65 2.00 0.00	44.18 1.58 0.00	40.15 1.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.33 1.13 0.00	31.52 0.98 0.00	31.34 0.88 0.00	30.30 0.83 0.00	30.86 0.84 0.00	34.98 1.05 0.00	46.40 1.61 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.82 2.19 -0.58	42.27 2.32 -0.72	42.40 2.43 -0.76	46.98 2.83 -1.25	52.44 3.23 -1.77	57.51 3.80 -1.61	64.39 4.24 -2.05	78.92 5.43 -3.02	89.83 6.11 -1.15	75.05 4.85 -0.93	70.96 4.37 -0.43	60.40 3.42 0.00	50.03 2.38 0.00	44.48 1.87 0.00	40.46 1.67 0.00
W50THST__13_KV_LOAD 356117	35.50 1.30 0.00	31.68 1.13 0.00	31.49 1.04 0.00	30.48 1.00 0.00	31.01 0.99 0.00	35.15 1.22 0.00	46.62 1.84 0.00	51.71 2.32 0.00	48.09 2.46 0.00	42.13 2.50 -0.58	42.55 2.59 -0.72	42.71 2.74 -0.76	47.32 3.17 -1.25	52.82 3.61 -1.77	57.93 4.22 -1.61	64.92 4.76 -2.05	79.56 6.06 -3.02	90.58 6.85 -1.15	75.60 5.40 -0.93	71.43 4.83 -0.43	60.80 3.82 0.00	50.32 2.67 0.00	44.73 2.13 0.00	40.70 1.90 0.00
WADING RIVER_IC_1 23522	34.54 0.34 0.00	30.76 0.22 0.00	30.36 -0.09 0.00	29.21 -0.27 0.00	29.84 -0.18 0.00	33.69 -0.24 0.01	40.99 -0.22 3.57	41.80 0.05 7.64	41.17 0.14 4.60	40.29 0.66 -0.57	40.89 0.94 -0.71	41.02 1.06 -0.75	45.34 1.20 -1.25	50.29 1.09 -1.76	55.37 1.67 -1.60	61.95 1.80 -2.04	76.16 2.68 -3.01	81.99 3.14 3.72	72.76 2.56 -0.93	68.71 2.12 -0.42	58.40 1.43 0.01	48.45 0.81 0.01	42.73 0.13 0.01	39.18 0.39 0.01
WADING RIVER_IC_2 23547	34.54 0.34 0.00	30.76 0.22 0.00	30.36 -0.09 0.00	29.21 -0.27 0.00	29.84 -0.18 0.00	33.69 -0.24 0.01	40.99 -0.22 3.57	41.80 0.05 7.64	41.17 0.14 4.60	40.29 0.66 -0.57	40.89 0.94 -0.71	41.02 1.06 -0.75	45.34 1.20 -1.25	50.29 1.09 -1.76	55.37 1.67 -1.60	61.95 1.80 -2.04	76.16 2.68 -3.01	81.99 3.14 3.72	72.76 2.56 -0.93	68.71 2.12 -0.42	58.40 1.43 0.01	48.45 0.81 0.01	42.73 0.13 0.01	39.18 0.39 0.01
WADING RIVER_IC_3 23601	34.54 0.34 0.00	30.76 0.22 0.00	30.36 -0.09 0.00	29.21 -0.27 0.00	29.84 -0.18 0.00	33.69 -0.24 0.01	40.99 -0.22 3.57	41.80 0.05 7.64	41.17 0.14 4.60	40.29 0.66 -0.57	40.89 0.94 -0.71	41.02 1.06 -0.75	45.34 1.20 -1.25	50.29 1.09 -1.76	55.37 1.67 -1.60	61.95 1.80 -2.04	76.16 2.68 -3.01	81.99 3.14 3.72	72.76 2.56 -0.93	68.71 2.12 -0.42	58.40 1.43 0.01	48.45 0.81 0.01	42.73 0.13 0.01	39.18 0.39 0.01
WALDENNY_12_KV_BK2 80841	35.75 0.65 -0.90	31.68 0.49 -0.65	31.22 0.43 -0.34	30.37 0.56 -0.33	30.65 0.33 -0.30	35.06 0.24 -0.89	44.66 -0.67 -0.55	49.06 -0.99 -0.66	47.13 -0.18 -1.68	40.81 0.55 -1.21	41.57 1.02 -1.31	41.21 0.71 -1.30	46.67 0.56 -3.22	51.76 0.76 -3.56	56.27 0.26 -3.91	61.76 -0.70 -4.35	69.65 -1.90 -1.08	78.84 -3.47 0.27	73.90 -0.55 -5.19	71.60 0.46 -4.97	56.50 -1.71 -1.22	50.30 -0.91 -3.56	43.92 0.34 -0.97	39.74 0.23 -0.71
WALDEN__HYDRO 24148	34.95 0.75 0.00	31.22 0.67 0.00	31.09 0.64 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.68 0.75 0.00	45.91 1.12 0.00	50.67 1.28 0.00	46.95 1.32 0.00	40.91 1.41 -0.44	41.20 1.41 -0.55	41.20 1.41 -0.58	45.57 1.72 -0.96	50.83 2.04 -1.35	55.73 2.40 -1.23	62.35 2.67 -1.57	76.31 3.52 -2.31	87.50 4.05 -0.88	73.10 3.12 -0.71	69.41 2.91 -0.33	59.32 2.34 0.00	49.22 1.57 0.00	43.84 1.24 0.00	39.84 1.05 0.00
WARRENSBURG____ 23737	35.05 0.85 0.00	31.31 0.76 0.00	31.22 0.76 0.00	30.22 0.74 0.00	30.80 0.78 0.00	34.68 0.75 0.00	45.86 1.07 0.00	50.53 1.14 0.00	46.40 0.78 0.00	39.01 0.51 0.56	38.85 0.31 0.70	38.98 0.51 0.73	42.16 0.47 1.21	46.59 0.85 1.70	51.54 0.99 1.55	62.09 1.45 -2.53	81.73 2.18 -9.07	112.45 2.97 -26.90	97.34 2.77 -25.30	91.52 2.25 -23.10	58.63 1.65 0.00	48.89 1.24 0.00	43.46 0.85 0.00	39.49 0.70 0.00
WATERSIDE____6 8 9 23538	35.33 1.13 0.00	31.49 0.95 0.00	31.31 0.85 0.00	30.30 0.83 0.00	30.86 0.84 0.00	34.91 0.98 0.00	46.31 1.52 0.00	51.32 1.93 0.00	47.68 2.05 0.00	41.78 2.15 -0.58	42.24 2.28 -0.72	42.48 2.51 -0.77	47.03 2.87 -1.26	52.49 3.27 -1.77	57.56 3.86 -1.61	64.45 4.30 -2.05	79.00 5.50 -3.02	89.83 6.11 -1.15	74.98 4.78 -0.93	70.77 4.17 -0.43	60.23 3.25 0.00	49.89 2.24 0.00	44.44 1.83 0.00	40.50 1.71 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.66 0.07 -0.39	30.98 0.06 -0.38	30.88 0.06 -0.37	29.96 0.06 -0.43	30.75 0.06 -0.67	34.78 0.10 -0.75	45.99 0.18 -1.02	50.53 0.20 -0.94	46.92 0.23 -1.07	40.64 0.23 -1.35	40.62 0.20 -1.18	40.57 0.20 -1.17	43.90 0.21 -0.80	48.40 0.28 -0.67	53.05 0.31 -0.64	58.51 0.41 0.00	71.20 0.56 -0.17	83.32 0.74 0.00	70.19 0.55 -0.37	67.25 0.53 -0.56	58.04 0.40 -0.66	48.75 0.19 -0.92	43.52 0.13 -0.79	40.04 0.08 -1.17

WDELAWARE___HYD 323627	34.95 0.75 0.00	31.19 0.64 0.00	31.06 0.61 0.00	30.07 0.59 0.00	30.59 0.57 0.00	34.68 0.75 0.00	46.00 1.21 0.00	50.72 1.33 0.00	46.90 1.28 0.00	40.78 1.37 -0.36	40.94 1.26 -0.45	40.97 1.29 -0.47	45.26 1.59 -0.78	50.39 1.85 -1.10	55.23 2.14 -1.00	61.76 2.38 -1.27	75.66 3.31 -1.88	87.17 3.88 -0.71	72.64 2.91 -0.47	69.19 2.84 -0.18	58.77 2.34 0.54	48.99 1.52 0.18	43.84 1.24 0.00	39.84 1.05 0.00
WEST BABYLON___IC 23714	35.22 1.03 0.00	31.40 0.86 0.00	31.06 0.61 0.00	29.89 0.41 0.00	30.50 0.48 0.00	34.43 0.51 0.01	42.29 0.76 3.25	43.52 1.09 6.96	42.62 1.19 4.19	41.15 1.52 -0.57	41.72 1.77 -0.71	41.84 1.88 -0.75	46.24 2.10 -1.25	51.53 2.32 -1.76	56.72 3.02 -1.60	63.40 3.25 -2.04	77.71 4.23 -3.01	84.15 4.87 3.29	74.28 4.09 -0.93	70.10 3.51 -0.42	59.88 2.91 0.01	49.69 2.05 0.01	43.83 1.24 0.01	40.07 1.28 0.01
WEST CANADA___HYD 24049	34.59 0.00 -0.39	30.92 0.00 -0.38	30.82 0.00 -0.37	29.91 0.00 -0.43	30.69 0.00 -0.67	34.68 0.00 -0.75	45.90 0.09 -1.02	50.43 0.10 -0.94	46.83 0.14 -1.07	40.52 0.12 -1.35	40.54 0.12 -1.18	40.49 0.12 -1.17	43.82 0.13 -0.80	48.30 0.19 -0.67	52.95 0.21 -0.64	58.40 0.29 0.00	71.00 0.35 -0.17	83.17 0.41 -0.18	69.99 0.35 -0.37	67.05 0.33 -0.56	57.82 0.17 -0.66	48.66 0.10 -0.92	43.44 0.04 -0.79	39.96 0.00 -1.17
WESTERN_NY_WIND 24143	36.51 1.44 -0.88	32.40 1.22 -0.63	31.91 1.13 -0.33	30.83 1.03 -0.32	31.27 0.96 -0.29	35.85 1.05 -0.87	45.86 0.54 -0.53	50.63 0.59 -0.64	48.31 1.05 -1.64	41.79 1.56 -1.18	42.47 1.96 -1.27	42.16 1.69 -1.27	47.58 1.54 -3.14	52.58 1.66 -3.47	57.16 1.25 -3.81	62.75 0.41 -4.24	70.64 -0.35 -0.52	80.70 -0.99 0.88	75.51 1.18 -5.06	73.32 2.32 -4.84	57.85 0.06 -0.81	51.55 0.43 -3.47	44.70 1.15 -0.95	40.26 0.78 -0.69
WESTOVER___LESR 323668	35.65 0.34 -1.11	31.62 0.27 -0.80	31.11 0.24 -0.41	30.15 0.27 -0.41	30.63 0.24 -0.37	35.30 0.27 -1.10	45.77 0.31 -0.67	50.45 0.25 -0.81	48.15 0.46 -2.06	41.13 0.59 -1.48	41.55 0.71 -1.61	41.39 0.59 -1.60	47.45 0.60 -3.96	52.58 0.76 -4.38	57.58 0.68 -4.80	64.03 0.58 -5.35	76.33 0.42 -5.43	87.35 0.33 -4.45	76.62 0.97 -6.38	73.40 1.12 -6.10	61.66 0.23 -4.45	52.26 0.24 -4.37	44.27 0.47 -1.20	39.97 0.31 -0.87
WETHRSFD_WT_PWR 323626	35.40 0.21 -0.99	31.44 0.18 -0.72	31.04 0.21 -0.37	30.08 0.23 -0.37	30.41 0.06 -0.33	34.91 0.00 -0.98	44.76 -0.63 -0.60	49.38 -0.74 -0.73	47.43 -0.05 -1.85	40.74 0.35 -1.33	41.31 0.63 -1.44	40.72 0.08 -1.44	46.53 0.09 -3.55	51.80 0.43 -3.93	56.46 0.05 -4.31	62.03 -0.87 -4.80	71.06 -1.83 -2.42	80.62 -3.05 -1.10	74.65 -0.34 -5.72	72.04 0.40 -5.48	57.88 -1.31 -2.21	51.00 -0.57 -3.92	44.02 0.34 -1.07	39.81 0.23 -0.78
WHAVSTOR_138KV_BK127 55557	34.98 0.79 0.00	31.25 0.70 0.00	31.06 0.61 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.68 0.75 0.00	46.08 1.30 0.00	50.97 1.58 0.00	47.27 1.64 0.00	41.32 1.72 -0.54	41.72 1.80 -0.68	41.80 1.88 -0.72	46.26 2.19 -1.18	51.67 2.56 -1.66	56.63 3.02 -1.51	63.40 3.37 -1.93	77.68 4.37 -2.84	88.61 4.95 -1.08	73.82 3.67 -0.88	69.88 3.31 -0.41	59.55 2.56 0.00	49.41 1.76 0.00	43.97 1.36 0.00	40.00 1.20 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.98 0.79 0.00	31.25 0.70 0.00	31.06 0.61 0.00	30.07 0.59 0.00	30.62 0.60 0.00	34.68 0.75 0.00	46.08 1.30 0.00	50.97 1.58 0.00	47.27 1.64 0.00	41.32 1.72 -0.54	41.72 1.80 -0.68	41.80 1.88 -0.72	46.26 2.19 -1.18	51.67 2.56 -1.66	56.63 3.02 -1.51	63.40 3.37 -1.93	77.68 4.37 -2.84	88.61 4.95 -1.08	73.82 3.67 -0.88	69.88 3.31 -0.41	59.55 2.56 0.00	49.41 1.76 0.00	43.97 1.36 0.00	40.00 1.20 0.00
WHITEHAL_115KV_TB1 80871	35.74 1.54 0.00	31.95 1.41 0.00	31.86 1.40 0.00	30.84 1.36 0.00	31.43 1.41 0.00	35.49 1.56 0.00	46.98 2.19 0.00	51.66 2.27 0.00	47.32 1.69 0.00	39.73 1.25 0.57	39.50 0.98 0.71	39.67 1.22 0.75	42.81 1.16 1.24	47.40 1.71 1.75	52.44 1.93 1.59	63.56 2.61 -2.84	84.09 3.66 -9.95	116.63 4.95 -29.10	101.28 4.64 -27.37	95.17 4.04 -24.96	60.00 3.02 0.00	49.93 2.29 0.00	44.39 1.79 0.00	40.23 1.44 0.00
WHITEPLN_13_KV_LOAD 356215	35.50 1.30 0.00	31.71 1.16 0.00	31.52 1.07 0.00	30.51 1.03 0.00	31.07 1.05 0.00	35.25 1.32 0.00	46.71 1.93 0.00	51.76 2.37 0.00	48.18 2.56 0.00	42.21 2.58 -0.58	42.67 2.71 -0.72	42.79 2.82 -0.76	47.45 3.30 -1.25	52.91 3.70 -1.76	57.98 4.27 -1.61	65.32 5.17 -2.04	79.90 6.41 -3.01	90.99 7.27 -1.15	76.16 5.96 -0.93	72.09 5.49 -0.43	61.20 4.22 0.00	50.70 3.05 0.00	44.95 2.34 0.00	40.85 2.06 0.00
WM_FLOYD_69_KV_BK2 356380	34.78 0.58 0.00	30.97 0.43 0.00	30.61 0.15 0.00	29.45 -0.03 0.00	30.05 0.03 0.00	33.92 0.00 0.01	41.27 0.04 3.56	42.12 0.35 7.62	41.45 0.41 4.59	40.53 0.90 -0.57	41.09 1.14 -0.71	41.09 1.14 -0.75	45.47 1.33 -1.25	50.58 1.38 -1.76	55.83 2.14 -1.60	62.41 2.27 -2.04	76.72 3.24 -3.01	82.66 3.80 3.71	73.45 3.26 -0.93	69.24 2.65 -0.42	59.03 2.05 0.01	48.93 1.29 0.01	43.02 0.43 0.01	39.49 0.70 0.01
WOODARD___115KV_TB2 355635	36.29 -0.14 -2.23	32.14 -0.12 -1.72	31.40 -0.15 -1.09	30.49 -0.15 -1.16	31.22 -0.18 -1.38	36.36 -0.20 -2.64	46.67 -0.31 -2.20	51.53 -0.25 -2.38	50.06 -0.09 -4.52	43.02 0.04 -3.92	43.28 0.12 -3.93	43.18 0.08 -3.90	50.16 0.04 -7.22	55.23 0.05 -7.74	60.38 -0.10 -8.38	66.44 -0.17 -8.51	79.12 -0.42 -9.07	89.45 -0.50 -7.37	79.71 -0.14 -10.58	76.53 0.00 -10.36	64.61 -0.40 -8.02	55.33 -0.33 -8.02	45.21 -0.21 -2.82	41.22 -0.31 -2.74
WOODMERE_69_KV_BK1 55827	35.19 0.99 0.00	31.43 0.89 0.00	31.13 0.67 0.00	30.01 0.53 0.00	30.59 0.57 0.00	34.53 0.61 0.01	45.37 0.94 0.35	49.92 1.28 0.75	46.54 1.37 0.46	41.23 1.60 -0.57	41.88 1.92 -0.72	42.00 2.04 -0.75	46.59 2.44 -1.25	52.00 2.80 -1.76	57.19 3.49 -1.60	64.04 3.89 -2.04	78.49 5.00 -3.01	88.94 5.70 -0.67	74.91 4.71 -0.93	70.83 4.23 -0.42	60.22 3.25 0.01	49.88 2.24 0.01	44.00 1.41 0.01	40.03 1.24 0.01
YORK___WARBASSE 23770	35.39 1.20 0.00	31.55 1.01 0.00	31.37 0.91 0.00	30.33 0.85 0.00	30.89 0.87 0.00	34.95 1.02 0.00	46.35 1.57 0.00	51.37 1.98 0.00	47.77 2.14 0.00	41.90 2.27 -0.58	42.43 2.47 -0.72	42.68 2.71 -0.77	47.24 3.09 -1.26	52.78 3.56 -1.77	57.77 4.06 -1.61	64.57 4.42 -2.05	79.21 5.71 -3.02	90.16 6.44 -1.15	75.26 5.06 -0.93	71.03 4.43 -0.43	60.40 3.42 0.00	50.08 2.43 0.00	44.61 2.00 0.00	40.62 1.82 0.00