

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion													
Generator Data		06/20/2024																							
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	33.04	31.99	27.42	21.20	23.03	27.56	30.57	43.23	38.85	44.56	43.82	45.91	46.54	49.40	63.22	56.08	52.39	49.76	48.87	47.77	56.20	57.32	45.96	42.89
		2.22	1.75	1.42	0.99	1.06	1.33	1.65	1.96	2.13	2.34	3.15	3.24	3.20	3.18	4.31	4.34	4.23	4.08	3.75	3.27	3.63	3.46	2.59	2.75
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.79	-7.52	-9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	0.00	0.00	0.00	-0.03	0.00	0.00
74TH STREET_GT_1	24260	33.10	32.07	27.47	21.24	23.07	27.60	30.59	43.17	38.81	44.52	43.80	45.87	46.45	49.30	63.21	56.07	52.41	49.80	48.90	47.83	56.26	57.41	46.03	42.92
		2.28	1.83	1.47	1.03	1.09	1.37	1.67	1.91	2.09	2.31	3.12	3.20	3.12	3.08	4.30	4.33	4.25	4.12	3.77	3.34	3.70	3.56	2.67	2.78
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.78	-7.51	-9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	0.00	0.00	0.00	-0.03	0.00	0.00
74TH STREET_GT_2	24261	33.10	32.07	27.47	21.24	23.07	27.60	30.59	43.17	38.81	44.52	43.80	45.87	46.45	49.30	63.21	56.07	52.41	49.80	48.90	47.83	56.26	57.41	46.03	42.92
		2.28	1.83	1.47	1.03	1.09	1.37	1.67	1.91	2.09	2.31	3.12	3.20	3.12	3.08	4.30	4.33	4.25	4.12	3.77	3.34	3.70	3.56	2.67	2.78
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.78	-7.51	-9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	0.00	0.00	0.00	-0.03	0.00	0.00
ADK HUDSON___FALLS	24011	33.69	32.68	28.10	21.75	23.64	28.35	31.23	31.87	32.86	37.23	43.82	46.05	46.93	50.06	64.16	56.51	52.62	50.54	48.83	48.46	57.42	58.89	46.99	43.29
		2.87	2.44	2.09	1.55	1.66	2.11	2.31	2.25	2.45	2.61	3.15	3.39	3.60	3.84	5.25	4.77	4.46	3.98	3.70	3.97	4.85	4.75	3.63	3.15
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-1.20	-1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.13	0.00	0.00	0.00	-0.31	0.00	0.00
ADK RESOURCE___RCVRY	23798	33.98	32.88	28.28	21.91	23.82	28.60	31.50	32.10	33.09	37.47	44.15	46.46	47.39	50.59	64.80	57.18	53.17	50.90	49.23	48.84	57.81	59.22	47.34	43.59
		3.17	2.63	2.28	1.70	1.84	2.36	2.58	2.49	2.68	2.85	3.47	3.79	4.06	4.36	5.89	5.44	5.01	4.37	4.10	4.35	5.24	5.09	3.97	3.45
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.12	-1.19	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.10	0.00	0.00	0.00	-0.31	0.00	0.00
ADK S GLENS___FALLS	24028	33.69	32.68	28.10	21.75	23.64	28.35	31.23	31.87	32.86	37.23	43.82	46.05	46.93	50.06	64.16	56.51	52.62	50.54	48.83	48.46	57.42	58.89	46.99	43.29
		2.87	2.44	2.09	1.55	1.66	2.11	2.31	2.25	2.45	2.61	3.15	3.39	3.60	3.84	5.25	4.77	4.46	3.98	3.70	3.97	4.85	4.75	3.63	3.15
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-1.20	-1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.13	0.00	0.00	0.00	-0.31	0.00	0.00
ADK_NYS___DAM	23527	33.14	32.36	27.82	21.54	23.38	27.87	30.50	31.69	32.35	36.67	42.67	44.53	45.16	48.20	61.79	54.53	51.02	49.86	47.67	46.99	55.82	57.60	45.76	42.34
		2.32	2.11	1.82	1.34	1.40	1.64	1.58	1.58	1.68	1.75	1.99	1.86	1.83	1.98	2.88	2.79	2.86	2.74	2.54	2.49	3.25	3.30	2.40	2.20
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.62	-1.45	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.69	0.00	0.00	0.00	-0.47	0.00	0.00
AIR_PRODUCTS___DRP	24190	31.92	31.19	26.90	20.86	22.64	27.01	29.62	30.36	31.07	35.28	41.28	43.11	43.65	46.43	59.46	52.48	49.04	43.63	45.80	45.05	53.29	53.98	43.85	40.76
		1.09	0.95	0.89	0.66	0.66	0.77	0.70	0.61	0.60	0.59	0.60	0.44	0.32	0.20	0.55	0.74	0.88	0.83	0.66	0.56	0.72	0.71	0.49	0.62
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	-1.26	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.63	0.00	0.00	0.00	0.55	0.00	0.00
AKWESSNE_115KV_BK	355683	29.51	29.17	25.21	19.66	21.41	25.57	28.27	26.76	28.36	32.14	39.12	40.99	41.68	44.71	56.82	49.19	45.76	43.18	43.17	42.61	50.24	50.74	42.11	39.07
		-1.31	-1.07	-0.79	-0.55	-0.56	-0.67	-0.65	-0.72	-0.86	-1.04	-1.55	-1.68	-1.66	-1.51	-2.10	-2.55	-2.40	-2.25	-1.96	-1.89	-2.33	-2.04	-1.26	-1.07
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.00	0.00
ALBANY_1_SOLAR	323833	32.57	31.88	27.46	21.30	23.13	27.60	30.27	30.65	31.46	35.69	41.48	42.86	43.03	45.76	59.06	52.32	48.60	43.41	45.79	45.12	53.44	54.29	44.31	41.65
		1.75	1.64	1.46	1.09	1.15	1.37	1.35	1.17	1.14	1.19	0.80	0.20	-0.30	-0.46	0.15	0.58	0.44	0.48	0.66	0.63	0.87	1.01	0.95	1.52
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	-1.10	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00	0.54	0.00	0.00
ALBANY_2_SOLAR	323834	32.57	31.87	27.45	21.29	23.12	27.60	30.26	30.64	31.45	35.68	41.46	42.85	43.02	45.75	59.04	52.30	48.58	43.39	45.75	45.09	53.43	54.26	44.31	41.63
		1.75	1.63	1.45	1.08	1.14	1.36	1.34	1.16	1.14	1.17	0.79	0.19	-0.31	-0.48	0.13	0.56	0.42	0.46	0.62	0.60	0.86	0.97	0.94	1.50
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	-1.11	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.49	0.00	0.00	0.00	0.54	0.00	0.00
ALBANY___1	23571	31.92	31.19	26.90	20.86	22.64	27.01	29.62	30.36	31.07	35.28	41.28	43.11	43.65	46.43	59.46	52.48	49.04	43.63	45.80	45.05	53.29	53.98	43.85	40.76
		1.09	0.95	0.89	0.66	0.66	0.77	0.70	0.61	0.60	0.59	0.60	0.44	0.32	0.20	0.55	0.74	0.88	0.83	0.66	0.56	0.72	0.71	0.49	0.62
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	-1.26	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.63	0.00	0.00	0.00	0.55	0.00	0.00

ALBANY___2 23572	31.92 1.09 0.00	31.19 0.95 0.00	26.90 0.89 0.00	20.86 0.66 0.00	22.64 0.66 0.00	27.01 0.77 0.00	29.62 0.70 0.00	30.36 0.61 -2.26	31.07 0.60 -1.26	35.28 0.59 -1.51	41.28 0.60 0.00	43.11 0.44 0.00	43.65 0.32 0.00	46.43 0.20 0.00	59.46 0.55 0.00	52.48 0.74 0.00	49.04 0.88 0.00	43.63 0.83 2.63	45.80 0.66 0.00	45.05 0.56 0.00	53.29 0.72 0.00	53.98 0.71 0.55	43.85 0.49 0.00	40.76 0.62 0.00
ALBANY___3 23573	31.92 1.09 0.00	31.19 0.95 0.00	26.90 0.89 0.00	20.86 0.66 0.00	22.64 0.66 0.00	27.01 0.77 0.00	29.62 0.70 0.00	30.36 0.61 -2.26	31.07 0.60 -1.26	35.28 0.59 -1.51	41.28 0.60 0.00	43.11 0.44 0.00	43.65 0.32 0.00	46.43 0.20 0.00	59.46 0.55 0.00	52.48 0.74 0.00	49.04 0.88 0.00	43.63 0.83 2.63	45.80 0.66 0.00	45.05 0.56 0.00	53.29 0.72 0.00	53.98 0.71 0.55	43.85 0.49 0.00	40.76 0.62 0.00
ALBANY___4 23574	31.92 1.09 0.00	31.19 0.95 0.00	26.90 0.89 0.00	20.86 0.66 0.00	22.64 0.66 0.00	27.01 0.77 0.00	29.62 0.70 0.00	30.36 0.61 -2.26	31.07 0.60 -1.26	35.28 0.59 -1.51	41.28 0.60 0.00	43.11 0.44 0.00	43.65 0.32 0.00	46.43 0.20 0.00	59.46 0.55 0.00	52.48 0.74 0.00	49.04 0.88 0.00	43.63 0.83 2.63	45.80 0.66 0.00	45.05 0.56 0.00	53.29 0.72 0.00	53.98 0.71 0.55	43.85 0.49 0.00	40.76 0.62 0.00
ALBANY___LFGE 323615	32.35 1.53 0.00	31.59 1.34 0.00	27.22 1.22 0.00	21.10 0.90 0.00	22.90 0.92 0.00	27.33 1.10 0.00	30.00 1.08 0.00	30.74 1.00 -2.25	31.51 1.05 -1.25	35.82 1.13 -1.51	41.97 1.29 0.00	43.91 1.24 0.00	44.50 1.17 0.00	47.36 1.14 0.00	60.64 1.72 0.00	53.53 1.79 0.00	50.03 1.87 0.00	47.40 1.72 -0.25	46.63 1.50 0.00	45.87 1.38 0.00	54.25 1.68 0.00	55.60 1.65 -0.12	44.56 1.20 0.00	41.37 1.23 0.00
ALCOA_PA_115KV_PL-6C 55860	29.49 -1.33 0.00	29.15 -1.09 0.00	25.18 -0.82 0.00	19.63 -0.58 0.00	21.40 -0.58 0.00	25.56 -0.68 0.00	28.26 -0.65 0.00	26.72 -0.76 0.00	28.26 -0.95 0.00	32.02 -1.15 0.00	38.97 -1.71 0.00	40.80 -1.86 0.01	41.49 -1.84 0.00	44.52 -1.70 0.00	56.53 -2.38 0.00	49.13 -2.61 0.00	45.73 -2.43 0.00	43.19 -2.24 0.00	43.24 -1.89 0.00	42.70 -1.79 0.00	50.43 -2.14 0.00	50.58 -1.81 1.43	42.20 -1.16 0.00	39.11 -1.02 0.00
ALCOA_RYNLDS___DRP 24188	29.49 -1.33 0.00	29.15 -1.09 0.00	25.18 -0.82 0.00	19.63 -0.58 0.00	21.40 -0.58 0.00	25.56 -0.68 0.00	28.26 -0.65 0.00	26.72 -0.76 0.00	28.26 -0.95 0.00	32.02 -1.15 0.00	38.97 -1.71 0.00	40.80 -1.86 0.01	41.49 -1.84 0.00	44.52 -1.70 0.00	56.53 -2.38 0.00	49.13 -2.61 0.00	45.73 -2.43 0.00	43.19 -2.24 0.00	43.24 -1.89 0.00	42.70 -1.79 0.00	50.43 -2.14 0.00	50.58 -1.81 1.43	42.20 -1.16 0.00	39.11 -1.02 0.00
ALCOA___DSASP 323711	29.49 -1.33 0.00	29.15 -1.09 0.00	25.18 -0.82 0.00	19.63 -0.58 0.00	21.40 -0.58 0.00	25.56 -0.68 0.00	28.27 -0.65 0.00	26.72 -0.76 0.00	28.26 -0.95 0.00	32.02 -1.15 0.00	38.97 -1.71 0.00	40.79 -1.87 0.01	41.49 -1.84 0.00	44.52 -1.70 0.00	56.53 -2.38 0.00	49.12 -2.61 0.00	45.73 -2.43 0.00	43.19 -2.24 0.00	43.24 -1.89 0.00	42.70 -1.79 0.00	50.43 -2.14 0.00	50.58 -1.81 1.43	42.20 -1.16 0.00	39.11 -1.02 0.00
ALLEGHENY___COGEN 23514	33.21 2.39 0.00	32.15 1.91 0.00	27.02 1.02 0.00	20.81 0.61 0.00	22.56 0.58 0.00	27.46 1.23 0.00	30.53 1.61 0.00	29.38 1.89 0.00	31.60 2.38 0.00	34.61 1.43 0.00	41.18 0.50 0.00	43.16 0.49 0.00	43.79 0.46 0.00	46.41 0.19 0.00	58.27 -0.64 0.00	51.99 0.25 0.00	48.33 0.17 0.00	45.62 0.19 0.00	46.05 0.93 0.00	45.42 0.92 0.00	54.07 1.50 0.00	54.82 1.00 0.00	47.62 4.26 0.00	43.66 3.52 0.00
ALTAMONT_115KV_TB 2 55880	32.08 1.25 0.00	31.36 1.11 0.00	26.99 0.99 0.00	20.92 0.72 0.00	22.73 0.75 0.00	27.12 0.89 0.00	29.81 0.89 0.00	30.51 0.86 -2.17	31.32 0.90 -1.20	35.58 0.96 -1.45	41.75 1.07 0.00	43.66 0.99 0.00	44.23 0.89 0.00	47.09 0.87 0.00	60.28 1.36 0.00	53.19 1.45 0.00	49.64 1.48 0.00	45.42 1.42 1.42	46.41 1.29 0.00	45.71 1.21 0.00	54.06 1.49 0.00	55.00 1.48 0.30	44.45 1.09 0.00	41.27 1.13 0.00
ALTONA_WT_PWR 323606	29.32 -1.50 0.00	28.78 -1.46 0.00	24.98 -1.02 0.00	19.46 -0.75 0.00	21.30 -0.67 0.00	25.60 -0.64 0.00	28.37 -0.55 0.00	27.19 -0.29 0.00	29.02 -0.20 0.00	32.70 -0.47 0.00	39.69 -0.98 0.00	40.93 -1.74 0.01	41.64 -1.69 0.00	44.25 -1.97 0.00	56.04 -2.87 0.00	48.51 -3.23 0.00	45.30 -2.86 0.00	42.77 -2.66 0.00	43.09 -2.04 0.00	42.57 -1.93 0.00	50.25 -2.32 0.00	51.38 -1.44 1.01	43.00 -0.37 0.00	39.97 -0.16 0.00
AMERICAN_REF_FUEL 24010	32.22 1.40 0.00	31.19 0.95 0.00	26.15 0.15 0.00	20.16 -0.05 0.00	21.87 -0.11 0.00	26.70 0.46 0.00	29.62 0.70 0.00	28.43 0.95 0.00	28.94 1.43 1.71	33.92 2.11 1.37	43.44 2.76 0.00	45.65 2.98 0.00	46.32 3.00 0.00	48.71 2.49 0.00	61.07 2.16 0.00	54.23 2.49 0.00	50.07 1.91 0.00	46.61 1.17 0.00	46.49 1.36 0.00	46.04 1.54 0.00	54.19 1.62 0.00	54.95 1.12 0.00	45.41 2.04 0.00	41.93 1.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.60 2.78 0.00	32.18 1.94 0.00	26.90 0.90 0.00	20.50 0.29 0.00	22.45 0.47 0.00	27.82 1.59 0.00	30.89 1.97 0.00	29.93 2.45 0.00	30.12 3.10 2.20	35.40 3.99 1.76	46.21 5.54 0.00	48.57 5.90 0.00	49.15 5.82 0.00	51.58 5.36 0.00	65.04 6.13 0.00	57.79 6.06 0.00	53.17 5.01 0.00	49.69 4.26 0.00	49.34 4.21 0.00	48.83 4.33 0.00	57.70 5.14 0.00	58.66 4.83 0.00	47.88 4.51 0.00	43.91 3.77 0.00
ARTHUR KILL_GT_1 23520	32.73 1.91 0.00	31.71 1.47 0.00	27.16 1.16 0.00	20.97 0.77 0.00	22.73 0.76 0.00	27.21 0.97 0.00	30.01 1.22 0.13	34.12 1.45 -5.19	38.23 1.60 -7.42	41.89 1.70 -7.01	42.97 2.37 0.08	43.64 2.38 1.41	45.13 2.18 0.39	47.73 1.91 0.40	57.43 2.87 4.36	54.97 3.23 0.01	51.55 3.40 0.00	49.03 3.35 -0.25	48.10 2.98 0.01	47.15 2.65 0.00	61.25 3.26 -5.42	69.43 3.03 -12.57	50.33 2.35 -4.61	42.65 2.50 -0.01
ARTHUR_KILL_2 23512	32.61 1.79 0.00	31.60 1.36 0.00	27.06 1.06 0.00	20.90 0.69 0.00	22.66 0.69 0.00	27.11 0.88 0.00	29.91 1.11 0.13	34.02 1.35 -5.19	38.12 1.49 -7.42	41.76 1.58 -7.01	42.81 2.21 0.08	43.46 2.20 1.41	44.93 1.99 0.39	47.50 1.68 0.40	57.14 2.58 4.36	54.69 2.96 0.01	51.29 3.14 0.00	48.80 3.11 -0.25	47.87 2.74 0.01	46.91 2.42 0.00	60.93 2.95 -5.42	69.13 2.73 -12.57	50.08 2.11 -4.61	42.45 2.30 -0.01
ARTHUR_KILL_3 23513	32.65 1.83 0.00	31.63 1.40 0.00	27.12 1.12 0.00	20.96 0.76 0.00	22.77 0.79 0.00	27.23 0.99 0.00	30.02 1.23 0.13	34.13 1.47 -5.18	38.22 1.59 -7.42	41.91 1.71 -7.02	43.02 2.35 0.01	45.04 2.37 0.00	45.63 2.30 0.00	46.83 2.22 1.61	52.57 3.14 9.49	46.35 3.36 8.75	51.47 3.32 0.01	48.74 3.24 -0.07	48.04 2.92 0.01	47.05 2.55 0.00	55.44 2.87 0.00	56.57 2.71 -0.03	45.81 1.99 -0.46	42.34 2.20 0.00

ARTHUR_KILL_COGEN 323718	32.73 1.91 0.00	31.71 1.47 0.00	27.16 1.16 0.00	20.97 0.77 0.00	22.73 0.76 0.00	27.21 0.97 0.00	30.01 1.22 0.13	34.12 1.45 -5.19	38.23 1.60 -7.42	41.89 1.70 -7.01	42.97 2.37 0.08	43.64 2.38 1.41	45.13 2.18 0.39	47.73 1.91 0.40	57.43 2.87 4.36	54.97 3.23 0.01	51.55 3.40 0.00	49.03 3.35 -0.25	48.10 2.98 0.01	47.15 2.65 0.00	61.25 3.26 -5.42	69.43 3.03 -12.57	50.33 2.35 -4.61	42.65 2.50 -0.01
ASHOKAN____ 23654	32.60 1.78 0.00	31.77 1.52 0.00	27.29 1.29 0.00	21.13 0.92 0.00	22.94 0.97 0.00	27.42 1.18 0.00	30.37 1.45 0.00	29.10 1.62 0.00	30.90 1.69 0.00	35.10 1.93 0.00	42.90 2.22 0.00	44.50 1.84 0.00	45.08 1.75 0.00	48.21 1.99 0.00	62.57 3.65 0.00	55.66 3.93 0.00	52.22 4.06 0.00	47.88 4.12 1.67	49.04 3.91 0.00	47.75 3.25 0.00	56.22 3.65 0.00	57.01 3.56 0.37	45.87 2.50 0.00	42.43 2.29 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.87 2.05 0.00	31.85 1.61 0.00	27.31 1.31 0.00	21.11 0.90 0.00	22.93 0.96 0.00	27.43 1.20 0.00	30.40 1.48 0.00	42.95 1.68 -13.78	38.53 1.80 -7.51	44.14 1.93 -9.04	43.31 2.63 0.00	45.31 2.64 0.00	45.80 2.47 0.00	48.55 2.33 0.00	62.34 3.42 -0.01	55.28 3.54 0.00	52.09 3.49 -0.44	49.15 3.47 -0.25	48.14 3.01 0.01	47.14 2.65 0.00	55.57 3.00 0.00	56.69 2.83 -0.04	45.54 2.18 0.00	42.47 2.33 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.87 2.05 0.00	31.85 1.61 0.00	27.31 1.31 0.00	21.11 0.90 0.00	22.93 0.96 0.00	27.43 1.20 0.00	30.40 1.48 0.00	42.95 1.68 -13.78	38.53 1.80 -7.51	44.14 1.93 -9.04	43.31 2.63 0.00	45.31 2.64 0.00	45.80 2.47 0.00	48.55 2.33 0.00	62.34 3.42 -0.01	55.28 3.54 0.00	52.09 3.49 -0.44	49.15 3.47 -0.25	48.14 3.01 0.01	47.14 2.65 0.00	55.57 3.00 0.00	56.69 2.83 -0.04	45.54 2.18 0.00	42.47 2.33 0.00
ASTORIA_GT2_1 24094	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT2_2 24095	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT2_3 24096	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT2_4 24097	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT3_1 24098	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT3_2 24099	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT3_3 24100	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT3_4 24101	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT4_1 24102	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT4_2 24103	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT4_3 24104	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00

ASTORIA_GT4_4 24105	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.22 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.15 1.94 -9.04	43.34 2.66 0.00	45.35 2.68 0.00	45.86 2.52 0.00	48.58 2.36 0.00	62.39 3.47 0.00	55.32 3.58 0.01	52.12 3.53 -0.44	49.16 3.47 -0.25	48.16 3.04 0.01	47.17 2.67 0.00	55.58 3.02 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.51 2.37 0.00
ASTORIA_GT_1 23523	32.96 2.14 0.00	31.93 1.69 0.00	27.38 1.38 0.00	21.16 0.95 0.00	22.99 1.01 0.00	27.51 1.27 0.00	30.49 1.57 0.00	43.03 1.77 -13.78	38.63 1.90 -7.51	44.26 2.05 -9.04	43.46 2.78 0.00	45.48 2.81 0.00	45.98 2.65 0.00	48.74 2.52 0.00	62.57 3.65 -0.01	55.49 3.75 0.00	52.28 3.68 -0.44	49.32 3.64 -0.25	48.30 3.18 0.01	47.30 2.81 0.00	55.75 3.18 0.00	56.88 3.02 -0.04	45.69 2.33 0.00	42.60 2.46 0.00
ASTORIA_GT_10 24110	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.07 1.85 -9.04	43.21 2.53 0.00	45.25 2.58 0.00	45.77 2.44 0.00	48.48 2.25 0.00	57.71 3.15 4.36	55.09 3.35 0.01	51.47 3.31 0.00	48.98 3.30 -0.25	48.05 2.93 0.01	47.02 2.53 0.00	52.21 2.75 3.11	45.78 2.61 10.66	43.39 2.03 2.00	42.43 2.29 0.00
ASTORIA_GT_11 24225	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.07 1.85 -9.04	43.21 2.53 0.00	45.25 2.58 0.00	45.77 2.44 0.00	48.48 2.25 0.00	57.71 3.15 4.36	55.09 3.35 0.01	51.47 3.31 0.00	48.98 3.30 -0.25	48.05 2.93 0.01	47.02 2.53 0.00	52.21 2.75 3.11	45.78 2.61 10.66	43.39 2.03 2.00	42.43 2.29 0.00
ASTORIA_GT_12 24226	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.07 1.85 -9.04	43.21 2.53 0.00	45.25 2.58 0.00	45.77 2.44 0.00	48.48 2.25 0.00	57.71 3.15 4.36	55.09 3.35 0.01	51.47 3.31 0.00	48.98 3.30 -0.25	48.05 2.93 0.01	47.02 2.53 0.00	52.21 2.75 3.11	45.78 2.61 10.66	43.39 2.03 2.00	42.43 2.29 0.00
ASTORIA_GT_13 24227	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.07 1.85 -9.04	43.21 2.53 0.00	45.25 2.58 0.00	45.77 2.44 0.00	48.48 2.25 0.00	57.71 3.15 4.36	55.09 3.35 0.01	51.47 3.31 0.00	48.98 3.30 -0.25	48.05 2.93 0.01	47.02 2.53 0.00	52.21 2.75 3.11	45.78 2.61 10.66	43.39 2.03 2.00	42.43 2.29 0.00
ASTORIA_GT_5 24106	32.96 2.14 0.00	31.93 1.69 0.00	27.38 1.38 0.00	21.16 0.95 0.00	22.99 1.01 0.00	27.51 1.27 0.00	30.49 1.57 0.00	43.04 1.77 -13.78	38.62 1.90 -7.51	44.24 2.03 -9.04	43.47 2.79 0.00	45.49 2.82 0.00	45.99 2.66 0.00	48.74 2.52 0.00	62.57 3.65 0.00	55.49 3.75 0.01	52.28 3.69 -0.44	49.30 3.62 -0.25	48.30 3.18 0.01	47.30 2.81 0.00	55.74 3.18 0.01	56.88 3.02 -0.04	45.69 2.33 0.00	42.60 2.46 0.00
ASTORIA_GT_7 24107	32.96 2.14 0.00	31.93 1.69 0.00	27.38 1.38 0.00	21.16 0.95 0.00	22.99 1.01 0.00	27.51 1.27 0.00	30.49 1.57 0.00	43.04 1.77 -13.78	38.62 1.90 -7.51	44.24 2.03 -9.04	43.47 2.79 0.00	45.49 2.82 0.00	45.99 2.66 0.00	48.74 2.52 0.00	62.57 3.65 0.00	55.49 3.75 0.01	52.28 3.69 -0.44	49.30 3.62 -0.25	48.30 3.18 0.01	47.30 2.81 0.00	55.74 3.18 0.01	56.88 3.02 -0.04	45.69 2.33 0.00	42.60 2.46 0.00
ASTORIA_GT_8 24108	32.96 2.14 0.00	31.93 1.69 0.00	27.38 1.38 0.00	21.16 0.95 0.00	22.99 1.01 0.00	27.51 1.27 0.00	30.49 1.57 0.00	43.04 1.77 -13.78	38.62 1.90 -7.51	44.24 2.03 -9.04	43.47 2.79 0.00	45.49 2.82 0.00	45.99 2.66 0.00	48.74 2.52 0.00	62.57 3.65 0.00	55.49 3.75 0.01	52.28 3.69 -0.44	49.30 3.62 -0.25	48.30 3.18 0.01	47.30 2.81 0.00	55.74 3.18 0.01	56.88 3.02 -0.04	45.69 2.33 0.00	42.60 2.46 0.00
ASTORIA___2 24149	32.89 2.06 0.00	31.87 1.63 0.00	27.32 1.32 0.00	21.12 0.91 0.00	22.94 0.96 0.00	27.45 1.21 0.00	30.42 1.50 0.00	42.97 1.70 -13.78	38.54 1.82 -7.51	44.16 1.95 -9.04	43.33 2.66 0.00	45.34 2.67 0.00	45.84 2.51 0.00	48.58 2.36 0.00	62.38 3.46 -0.01	55.31 3.58 0.00	52.12 3.52 -0.44	49.18 3.49 -0.25	48.17 3.04 0.01	47.16 2.67 0.00	55.58 3.02 0.00	56.72 2.86 -0.04	45.56 2.20 0.00	42.50 2.37 0.00
ASTORIA___3 23516	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.08 1.87 -9.04	43.20 2.52 0.00	45.24 2.57 0.00	45.76 2.43 0.00	48.48 2.26 0.00	57.70 3.15 4.36	55.08 3.35 0.01	51.46 3.30 0.00	48.99 3.31 -0.25	48.05 2.93 0.01	47.02 2.52 0.00	52.20 2.74 3.11	45.78 2.61 10.66	43.39 2.02 2.00	42.43 2.29 0.00
ASTORIA___4 23517	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.07 1.85 -9.04	43.21 2.53 0.00	45.25 2.58 0.00	45.77 2.44 0.00	48.48 2.25 0.00	57.71 3.15 4.36	55.08 3.35 0.01	51.47 3.31 0.00	48.98 3.30 -0.25	48.05 2.93 0.01	47.02 2.52 0.00	52.21 2.75 3.11	45.78 2.61 10.66	43.39 2.02 2.00	42.43 2.29 0.00
ASTORIA___5 23518	32.87 2.05 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.08 1.87 -9.04	43.20 2.52 0.00	45.24 2.57 0.00	45.76 2.43 0.00	48.48 2.26 0.00	57.70 3.15 4.36	55.08 3.35 0.01	51.46 3.30 0.00	48.99 3.31 -0.25	48.05 2.93 0.01	47.02 2.52 0.00	52.20 2.74 3.11	45.78 2.61 10.66	43.39 2.02 2.00	42.43 2.29 0.00
AST_ENERGY_2_CC3 323677	32.75 1.93 0.00	31.74 1.50 0.00	27.20 1.20 0.00	21.02 0.82 0.00	22.84 0.86 0.00	27.31 1.08 0.00	30.25 1.33 0.00	42.85 1.58 -13.79	38.43 1.70 -7.51	44.07 1.85 -9.04	43.20 2.53 0.00	45.24 2.57 0.00	45.82 2.49 0.00	48.66 2.44 0.00	62.35 3.44 0.00	55.34 3.61 0.00	51.71 3.55 0.00	49.15 3.47 -0.25	48.28 3.15 0.00	47.23 2.74 0.00	55.58 3.02 0.00	56.73 2.88 -0.03	45.48 2.11 0.00	42.43 2.30 0.00
AST_ENERGY_2_CC4 323678	32.75 1.93 0.00	31.74 1.50 0.00	27.20 1.20 0.00	21.02 0.82 0.00	22.84 0.86 0.00	27.31 1.08 0.00	30.25 1.33 0.00	42.85 1.58 -13.79	38.43 1.70 -7.51	44.07 1.85 -9.04	43.20 2.53 0.00	45.24 2.57 0.00	45.82 2.49 0.00	48.66 2.44 0.00	62.35 3.44 0.00	55.34 3.61 0.00	51.71 3.55 0.00	49.15 3.47 -0.25	48.28 3.15 0.00	47.23 2.74 0.00	55.58 3.02 0.00	56.73 2.88 -0.03	45.48 2.11 0.00	42.43 2.30 0.00

ATHENS_STG_1 23668	32.05 1.22 0.00	31.29 1.05 0.00	26.93 0.93 0.00	20.86 0.65 0.00	22.66 0.69 0.00	27.04 0.80 0.00	29.75 0.83 0.00	31.32 0.88 -2.96	31.77 0.94 -1.62	36.12 1.00 -1.94	41.92 1.24 0.00	43.89 1.22 0.00	44.51 1.18 0.00	47.39 1.17 0.00	60.67 1.75 0.00	53.59 1.85 0.00	49.97 1.81 0.00	47.19 1.76 0.00	46.71 1.58 0.00	45.93 1.44 0.00	54.25 1.68 0.00	55.48 1.65 0.00	44.52 1.16 0.00	41.33 1.19 0.00
ATHENS_STG_2 23670	32.05 1.22 0.00	31.29 1.05 0.00	26.93 0.93 0.00	20.86 0.65 0.00	22.66 0.69 0.00	27.04 0.80 0.00	29.75 0.83 0.00	31.32 0.88 -2.96	31.77 0.94 -1.62	36.12 1.00 -1.94	41.92 1.24 0.00	43.89 1.22 0.00	44.51 1.18 0.00	47.39 1.17 0.00	60.67 1.75 0.00	53.59 1.85 0.00	49.97 1.81 0.00	47.19 1.76 0.00	46.71 1.58 0.00	45.93 1.44 0.00	54.25 1.68 0.00	55.48 1.65 0.00	44.52 1.16 0.00	41.33 1.19 0.00
ATHENS_STG_3 23677	32.05 1.22 0.00	31.29 1.05 0.00	26.93 0.93 0.00	20.86 0.65 0.00	22.66 0.69 0.00	27.04 0.80 0.00	29.75 0.83 0.00	31.32 0.88 -2.96	31.77 0.94 -1.62	36.12 1.00 -1.94	41.92 1.24 0.00	43.89 1.22 0.00	44.51 1.18 0.00	47.39 1.17 0.00	60.67 1.75 0.00	53.59 1.85 0.00	49.97 1.81 0.00	47.19 1.76 0.00	46.71 1.58 0.00	45.93 1.44 0.00	54.25 1.68 0.00	55.48 1.65 0.00	44.52 1.16 0.00	41.33 1.19 0.00
AUBURN___LFGE 323710	31.90 1.08 0.00	31.06 0.82 0.00	26.52 0.52 0.00	20.55 0.35 0.00	22.33 0.35 0.00	26.79 0.56 0.00	29.61 0.68 0.00	28.30 0.82 0.00	30.16 0.95 0.00	34.32 1.14 0.00	42.46 1.78 0.00	46.52 1.87 -1.98	48.13 1.84 -2.96	48.64 1.85 -0.57	61.36 2.44 0.00	54.14 2.40 0.00	50.24 2.08 0.00	47.39 1.96 0.00	47.15 2.02 0.00	46.78 2.29 0.00	59.13 2.69 -3.87	60.65 2.41 -4.42	48.18 1.90 -2.91	43.93 1.49 -2.31
BABYLON_RES_REC 323704	33.28 2.46 0.00	32.25 2.01 0.00	27.63 1.63 0.00	21.27 1.07 0.00	23.14 1.16 0.00	27.57 1.34 0.00	30.45 1.53 0.00	43.12 1.73 -13.91	38.49 1.69 -7.58	44.95 1.94 -9.83	60.32 3.32 -16.32	65.29 3.50 -19.12	66.44 3.45 -19.66	74.04 3.49 -24.33	86.81 4.86 -23.03	86.11 4.57 -29.81	82.24 4.68 -29.40	67.08 4.52 -17.13	80.14 4.28 -30.73	48.06 3.56 0.00	56.73 4.16 0.00	66.14 4.36 -7.96	62.52 3.24 -15.91	43.17 3.03 0.00
BABYLON__69_KV_BK2 356345	33.69 2.87 0.00	32.63 2.38 0.00	27.92 1.92 0.00	21.50 1.29 0.00	23.38 1.40 0.00	27.86 1.63 0.00	30.79 1.87 0.00	43.45 2.06 -13.91	38.88 2.08 -7.58	45.39 2.38 -9.83	60.88 3.88 -16.32	65.88 4.09 -19.12	67.02 4.03 -19.66	74.70 4.15 -24.33	89.22 5.72 -24.59	90.29 5.25 -33.31	107.02 5.36 -53.51	97.46 5.15 -46.87	108.49 4.90 -58.47	48.64 4.15 0.00	57.52 4.95 0.00	66.95 5.17 -7.95	63.17 3.89 -15.91	43.74 3.60 0.00
BALL_HILL_WT_PWR 323825	33.10 2.28 0.00	31.89 1.64 0.00	26.75 0.75 0.00	20.56 0.36 0.00	22.35 0.37 0.00	27.42 1.18 0.00	30.42 1.50 0.00	29.36 1.88 0.00	29.66 2.48 2.03	34.84 3.29 1.63	45.23 4.55 0.00	47.53 4.86 0.00	48.12 4.79 0.00	50.71 4.49 0.00	63.92 5.01 0.00	56.73 4.99 0.00	52.20 4.04 0.00	48.74 3.31 0.00	48.46 3.33 0.00	47.93 3.43 0.00	56.44 3.87 0.00	57.36 3.53 0.00	46.94 3.57 0.00	43.14 3.00 0.00
BARON_WINDS___WT_PWR 323822	32.32 1.50 0.00	31.36 1.12 0.00	26.45 0.45 0.00	20.38 0.18 0.00	22.07 0.09 0.00	26.88 0.64 0.00	29.69 0.77 0.00	28.88 1.40 0.00	32.04 1.93 -0.91	36.31 2.40 -0.73	44.06 3.38 0.00	46.70 3.55 -0.49	47.47 3.40 -0.74	49.71 3.35 -0.14	62.86 3.95 0.00	55.59 3.85 0.00	51.18 3.02 0.00	47.99 2.56 0.00	47.71 2.59 0.00	47.16 2.67 0.00	56.50 2.97 -0.96	57.60 2.73 -1.05	46.79 2.71 -0.72	42.95 2.24 -0.57
BARRETT_IC_1 23704	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	65.54 3.78 -13.60	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_10 23701	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	37.82 3.78 14.12	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_11 23702	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	37.82 3.78 14.12	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_12 23703	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	37.82 3.78 14.12	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_2 23705	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	65.54 3.78 -13.60	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_3 23706	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	65.54 3.78 -13.60	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_4 23707	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	65.54 3.78 -13.60	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00

BARRETT_IC_5 23708	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	65.54 3.78 -13.60	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_6 23709	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	65.54 3.78 -13.60	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_7 23710	33.05 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.54 -9.83	59.85 2.85 -16.32	64.83 3.04 -19.12	65.98 2.98 -19.66	73.52 2.97 -24.33	85.14 3.94 -22.29	80.09 3.77 -24.58	65.54 3.79 -13.59	51.20 3.66 -2.11	66.06 3.42 -17.51	47.27 2.78 0.00	55.76 3.20 0.00	65.33 3.55 -7.95	62.11 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_8 23711	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	65.54 3.78 -13.60	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT_IC_9 23700	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	37.82 3.78 14.12	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT___1 23545	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	65.54 3.78 -13.60	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BARRETT___2 23546	33.04 2.22 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.19 0.98 0.00	23.02 1.04 0.00	27.32 1.08 0.00	30.14 1.22 0.00	42.74 1.35 -13.91	38.13 1.34 -7.58	44.55 1.55 -9.83	59.85 2.85 -16.32	64.82 3.03 -19.12	65.97 2.98 -19.66	73.52 2.97 -24.33	85.13 3.93 -22.29	80.09 3.76 -24.58	37.82 3.78 14.12	51.21 3.67 -2.11	66.06 3.41 -17.51	47.27 2.78 0.00	55.76 3.19 0.00	65.33 3.55 -7.96	62.12 2.84 -15.91	42.84 2.70 0.00
BATAVIA__115KV_TB1 55881	33.68 2.86 0.00	32.53 2.29 0.00	27.30 1.30 0.00	21.03 0.83 0.00	22.82 0.84 0.00	27.83 1.59 0.00	30.90 1.98 0.00	29.71 2.23 0.00	32.08 2.87 0.00	36.86 3.68 0.00	44.91 4.23 0.00	46.73 4.06 0.00	47.43 4.09 0.00	50.16 3.94 0.00	63.15 4.23 0.00	56.20 4.47 0.00	51.88 3.73 0.00	48.70 3.27 0.00	48.61 3.47 0.00	48.27 3.78 0.00	56.74 4.18 0.00	57.73 3.91 0.00	47.78 4.42 0.00	43.87 3.73 0.00
BAYONEEC___CTG1 323682	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BAYONEEC___CTG10 323750	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BAYONEEC___CTG2 323683	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BAYONEEC___CTG3 323684	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BAYONEEC___CTG4 323685	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BAYONEEC___CTG5 323686	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BAYONEEC___CTG6 323687	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00

BAYONEEC___CTG7 323688	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BAYONEEC___CTG8 323689	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BAYONEEC___CTG9 323749	32.79 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.29 1.37 0.00	42.88 1.61 -13.79	38.47 1.74 -7.51	43.55 1.89 -8.48	43.22 2.55 0.01	45.26 2.60 0.00	45.85 2.53 0.00	47.08 2.46 1.61	52.88 3.46 9.49	46.62 3.64 8.75	51.74 3.60 0.01	49.01 3.50 -0.07	48.28 3.16 0.01	47.26 2.77 0.00	55.63 3.07 0.00	56.79 2.93 -0.03	45.52 2.16 0.00	42.51 2.38 0.00
BEACON___LESR 323632	32.38 1.56 0.00	31.60 1.36 0.00	27.20 1.20 0.00	21.11 0.90 0.00	22.89 0.92 0.00	27.34 1.11 0.00	30.01 1.09 0.00	30.93 1.16 -2.28	31.60 1.13 -1.26	35.91 1.21 -1.52	42.08 1.40 0.00	43.98 1.31 0.00	44.47 1.14 0.00	47.24 1.01 0.00	60.62 1.71 0.00	53.49 1.75 0.00	50.02 1.87 0.00	42.48 1.88 4.83	46.87 1.74 0.00	46.03 1.53 0.00	54.29 1.72 0.00	54.49 1.73 1.06	44.59 1.22 0.00	41.43 1.29 0.00
BEAVER RIVER___HYD 24048	31.77 0.94 0.00	30.92 0.68 0.00	26.49 0.49 0.00	20.20 -0.01 0.00	22.46 0.48 0.00	26.85 0.61 0.00	29.72 0.80 0.00	27.62 0.14 0.00	29.83 0.62 0.00	34.21 1.03 0.00	42.24 1.55 0.00	45.56 1.71 -1.17	46.60 1.55 -1.72	47.43 0.88 -0.33	59.22 0.30 0.00	51.91 0.17 0.00	48.17 0.01 0.00	45.54 0.11 0.00	45.83 0.70 0.00	45.83 1.33 0.00	57.19 2.38 -2.25	63.06 3.02 -6.22	47.77 2.71 -1.69	43.61 2.13 -1.34
BEEBEE_GT_13 23619	32.59 1.76 0.00	31.60 1.35 0.00	26.68 0.68 0.00	20.62 0.41 0.00	22.37 0.40 0.00	27.09 0.85 0.00	30.03 1.11 0.00	28.77 1.29 0.00	30.99 1.78 0.00	35.57 2.39 0.00	43.83 3.15 0.00	46.06 3.39 0.00	46.80 3.46 0.00	49.60 3.37 0.00	62.69 3.78 0.00	55.47 3.73 0.00	51.41 3.26 0.00	48.33 2.90 0.00	48.07 2.94 0.00	47.51 3.01 0.00	55.84 3.27 0.00	56.66 2.83 0.00	46.05 2.68 0.00	42.34 2.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.15 2.33 0.00	32.09 1.85 0.00	27.47 1.47 0.00	21.22 1.01 0.00	23.03 1.05 0.00	27.55 1.32 0.00	30.56 1.64 0.00	43.17 1.90 -13.78	38.82 2.10 -7.51	44.50 2.29 -9.04	43.78 3.10 0.00	45.88 3.21 0.00	46.36 3.03 0.00	48.98 2.76 0.00	58.49 3.94 4.36	55.82 4.08 0.01	52.18 4.02 0.00	49.60 3.92 -0.25	48.67 3.54 0.01	47.65 3.16 0.00	61.59 3.60 -5.42	69.87 3.47 -12.57	50.75 2.77 -4.61	43.06 2.91 -0.01
BETHLEHEM___GRP 23843	31.92 1.09 0.00	31.19 0.95 0.00	26.90 0.89 0.00	20.86 0.66 0.00	22.64 0.66 0.00	27.01 0.77 0.00	29.62 0.70 0.00	30.36 0.61 -2.26	31.07 0.60 -1.26	35.28 0.59 -1.51	41.28 0.60 0.00	43.11 0.44 0.00	43.65 0.32 0.00	46.43 0.20 0.00	59.46 0.55 0.00	52.48 0.74 0.00	49.04 0.88 0.00	43.63 0.83 2.63	45.80 0.66 0.00	45.05 0.56 0.00	53.29 0.72 0.00	53.98 0.71 0.55	43.85 0.49 0.00	40.76 0.62 0.00
BETHLEHEM___GS1 323560	31.92 1.09 0.00	31.19 0.95 0.00	26.90 0.89 0.00	20.86 0.66 0.00	22.64 0.66 0.00	27.01 0.77 0.00	29.62 0.70 0.00	30.36 0.61 -2.26	31.07 0.60 -1.26	35.28 0.60 -1.51	41.27 0.60 0.00	43.11 0.44 0.00	43.65 0.32 0.00	46.43 0.21 0.00	59.46 0.55 0.00	52.48 0.74 0.00	49.04 0.88 0.00	43.64 0.83 2.63	45.80 0.66 0.00	45.05 0.56 0.00	53.29 0.72 0.00	53.98 0.71 0.55	43.85 0.49 0.00	40.76 0.62 0.00
BETHLEHEM___GS2 323561	31.92 1.09 0.00	31.19 0.95 0.00	26.90 0.89 0.00	20.86 0.66 0.00	22.64 0.66 0.00	27.01 0.77 0.00	29.62 0.70 0.00	30.36 0.61 -2.26	31.07 0.60 -1.26	35.28 0.60 -1.51	41.27 0.60 0.00	43.11 0.44 0.00	43.65 0.32 0.00	46.43 0.21 0.00	59.46 0.55 0.00	52.48 0.74 0.00	49.04 0.88 0.00	43.64 0.83 2.63	45.80 0.66 0.00	45.05 0.56 0.00	53.29 0.72 0.00	53.98 0.71 0.55	43.85 0.49 0.00	40.76 0.62 0.00
BETHLEHEM___GS3 323562	31.92 1.09 0.00	31.19 0.95 0.00	26.90 0.89 0.00	20.86 0.66 0.00	22.64 0.66 0.00	27.01 0.77 0.00	29.62 0.70 0.00	30.36 0.61 -2.26	31.07 0.60 -1.26	35.28 0.60 -1.51	41.27 0.60 0.00	43.11 0.44 0.00	43.65 0.32 0.00	46.43 0.21 0.00	59.46 0.55 0.00	52.48 0.74 0.00	49.04 0.88 0.00	43.64 0.83 2.63	45.80 0.66 0.00	45.05 0.56 0.00	53.29 0.72 0.00	53.98 0.71 0.55	43.85 0.49 0.00	40.76 0.62 0.00
BETHLEHEM___STEEL 23779	33.12 2.30 0.00	32.02 1.78 0.00	26.84 0.84 0.00	20.68 0.47 0.00	22.43 0.45 0.00	27.39 1.16 0.00	30.42 1.50 0.00	29.29 1.81 0.00	31.66 2.45 0.00	36.52 3.35 0.00	45.12 4.44 0.00	47.43 4.76 0.00	48.08 4.75 0.00	50.74 4.52 0.00	63.87 4.95 0.00	56.66 4.93 0.00	52.23 4.07 0.00	48.84 3.40 0.00	48.52 3.40 0.00	47.98 3.49 0.00	56.41 3.84 0.00	57.27 3.44 0.00	46.96 3.60 0.00	43.19 3.05 0.00
BETHLHEM_115KV_TB1 79974	31.94 1.12 0.00	31.22 0.97 0.00	26.91 0.91 0.00	20.87 0.67 0.00	22.65 0.67 0.00	27.02 0.78 0.00	29.65 0.73 0.00	30.39 0.66 -2.25	31.12 0.66 -1.25	35.34 0.66 -1.50	41.37 0.69 0.00	43.22 0.55 0.00	43.76 0.43 0.00	46.55 0.33 0.00	59.62 0.71 0.00	52.62 0.88 0.00	49.14 0.98 0.00	43.88 0.92 2.47	45.90 0.77 0.00	45.16 0.66 0.00	53.41 0.84 0.00	54.15 0.85 0.52	43.94 0.57 0.00	40.85 0.71 0.00
BETHPAGE_CC_5 323564	33.03 2.20 0.00	32.05 1.81 0.00	27.55 1.55 0.00	21.19 0.99 0.00	23.05 1.07 0.00	27.45 1.22 0.00	30.33 1.41 0.00	42.94 1.54 -13.91	38.29 1.49 -7.58	44.72 1.71 -9.83	60.01 3.01 -16.32	65.01 3.22 -19.12	66.28 3.28 -19.66	73.92 3.37 -24.33	86.03 4.62 -22.50	85.93 4.34 -29.85	76.44 4.39 -23.89	56.89 4.21 -7.26	70.35 3.94 -21.28	47.74 3.24 0.00	56.28 3.71 0.00	65.67 3.88 -7.96	62.14 2.86 -15.91	42.81 2.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.24 2.42 0.00	32.13 1.89 0.00	26.93 0.93 0.00	20.75 0.54 0.00	22.51 0.53 0.00	27.49 1.25 0.00	30.53 1.61 0.00	29.40 1.92 0.00	31.79 2.58 0.00	36.68 3.50 0.00	45.33 4.65 0.00	47.67 5.00 0.00	48.33 4.99 0.00	51.01 4.79 0.00	64.24 5.32 0.00	57.00 5.26 0.00	52.52 4.36 0.00	49.13 3.69 0.00	48.80 3.67 0.00	48.23 3.74 0.00	56.70 4.13 0.00	57.57 3.74 0.00	47.17 3.80 0.00	43.36 3.22 0.00

BINGHAMTON___COGEN 23790	31.96 1.14 0.00	31.09 0.85 0.00	26.57 0.57 0.00	20.60 0.39 0.00	22.39 0.41 0.00	26.91 0.67 0.00	29.69 0.77 0.00	28.47 0.99 0.00	30.44 1.23 0.00	34.65 1.47 0.00	42.82 2.14 0.00	45.81 2.24 -0.90	46.78 2.11 -1.33	48.63 2.14 -0.26	61.62 2.71 0.00	54.49 2.75 0.00	50.35 2.19 0.00	47.39 1.96 0.00	46.92 1.79 0.00	46.32 1.82 0.00	56.38 2.08 -1.73	57.69 1.98 -1.89	46.34 1.67 -1.30	42.55 1.38 -1.03
BIXINCNT_115KV_LOAD 355685	33.14 2.32 0.00	32.07 1.83 0.00	26.82 0.82 0.00	20.67 0.46 0.00	22.42 0.44 0.00	27.45 1.22 0.00	30.71 1.79 0.00	29.67 2.18 0.00	32.06 2.85 0.00	36.96 3.78 0.00	45.65 4.97 0.00	47.93 5.26 0.00	48.49 5.16 0.00	51.20 4.98 0.00	64.43 5.52 0.00	57.19 5.44 0.00	52.60 4.44 0.00	49.25 3.82 0.00	48.82 3.70 0.00	48.19 3.69 0.00	56.72 4.15 0.00	57.70 3.88 0.00	47.22 3.85 0.00	43.43 3.29 0.00
BLACK RIVER___HYD 24047	32.21 1.39 0.00	31.31 1.07 0.00	26.80 0.80 0.00	20.41 0.20 0.00	22.64 0.67 0.00	27.06 0.82 0.00	29.94 1.02 0.00	27.82 0.34 0.00	30.13 0.92 0.00	34.64 1.47 0.00	42.92 2.24 0.00	47.34 2.70 -1.97	48.80 2.55 -2.91	48.38 1.60 -0.56	59.91 0.99 0.00	52.53 0.79 0.00	48.77 0.61 0.00	46.22 0.78 0.00	46.65 1.52 0.00	46.68 2.19 0.00	59.87 3.49 -3.81	64.80 4.19 -6.79	49.77 3.54 -2.87	45.16 2.75 -2.27
BLACKRVR_115KV_TB2 79977	32.21 1.39 0.00	31.32 1.07 0.00	26.80 0.80 0.00	20.41 0.20 0.00	22.64 0.67 0.00	27.06 0.82 0.00	29.94 1.02 0.00	27.82 0.34 0.00	30.14 0.92 0.00	34.65 1.47 0.00	42.92 2.24 0.00	47.33 2.69 -1.97	48.79 2.54 -2.91	48.38 1.60 -0.56	59.91 0.99 0.00	52.53 0.79 0.00	48.77 0.61 0.00	46.23 0.80 0.00	46.65 1.52 0.00	46.68 2.19 0.00	59.87 3.49 -3.81	64.80 4.19 -6.79	49.77 3.54 -2.87	45.16 2.75 -2.27
BLISS_WT_PWR 323608	33.07 2.25 0.00	32.01 1.77 0.00	26.75 0.75 0.00	20.59 0.39 0.00	22.34 0.36 0.00	27.38 1.14 0.00	30.69 1.77 0.00	29.68 2.20 0.00	29.71 2.84 2.35	35.07 3.78 1.88	45.70 5.01 0.00	48.00 5.34 0.00	48.55 5.22 0.00	51.21 4.99 0.00	64.44 5.52 0.00	57.20 5.46 0.00	52.64 4.48 0.00	49.15 3.72 0.00	48.83 3.69 0.00	48.17 3.68 0.00	56.72 4.15 0.00	57.70 3.88 0.00	47.22 3.85 0.00	43.43 3.29 0.00
BLUESTONE___WT_PWR 323821	32.59 1.77 0.00	32.00 1.76 0.00	27.45 1.45 0.00	21.43 1.23 0.00	23.25 1.27 0.00	28.06 1.83 0.00	30.98 2.06 0.00	29.89 2.41 0.00	32.38 2.64 -0.52	36.90 3.31 -0.41	45.21 4.53 0.00	48.25 4.79 -0.79	49.25 4.75 -1.17	51.47 5.02 -0.23	65.29 6.38 0.00	57.73 5.99 0.00	53.29 5.13 0.00	50.08 4.65 0.00	49.69 4.56 0.00	48.76 4.27 0.00	58.85 4.79 -1.49	60.57 5.12 -1.63	48.68 4.20 -1.12	44.58 3.55 -0.89
BLUE_CIRC_CHEM_DRP 24182	32.26 1.44 0.00	31.58 1.34 0.00	27.22 1.22 0.00	21.10 0.90 0.00	22.91 0.94 0.00	27.34 1.11 0.00	29.99 1.07 0.00	30.45 0.94 -2.03	31.27 0.93 -1.12	35.48 0.96 -1.35	41.35 0.67 0.00	42.63 -0.03 0.00	42.83 -0.50 0.00	45.57 -0.65 0.00	58.58 -0.33 0.00	51.78 0.04 0.00	48.18 0.03 0.00	43.09 0.04 2.39	45.23 0.10 0.00	44.55 0.05 0.00	52.76 0.19 0.00	53.55 0.25 0.52	43.77 0.41 0.00	41.25 1.11 0.00
BOC_GAS_DRP 24189	31.89 1.07 0.00	31.19 0.95 0.00	26.86 0.86 0.00	20.83 0.62 0.00	22.62 0.64 0.00	27.00 0.76 0.00	29.65 0.73 0.00	30.38 0.71 -2.19	31.15 0.73 -1.21	35.39 0.76 -1.46	41.52 0.84 0.00	43.38 0.72 0.00	43.93 0.60 0.00	46.75 0.52 0.00	59.82 0.90 0.00	52.77 1.04 0.00	49.21 1.05 0.00	44.84 1.01 1.61	46.03 0.90 0.00	45.31 0.82 0.00	53.57 1.00 0.00	54.48 0.99 0.34	44.08 0.72 0.00	41.00 0.86 0.00
BOONVILLE_115KV_TB1 79983	32.10 1.28 0.00	31.30 1.06 0.00	26.82 0.82 0.00	20.62 0.41 0.00	22.69 0.72 0.00	27.13 0.89 0.00	29.97 1.06 0.00	28.22 0.74 0.00	30.28 1.07 0.00	34.55 1.38 0.00	42.56 1.89 0.00	45.21 1.98 -0.56	46.10 1.95 -0.82	48.21 1.82 -0.16	60.87 1.95 0.00	53.50 1.76 0.00	49.72 1.57 0.00	46.96 1.53 0.00	46.86 1.73 0.00	46.57 2.07 0.00	56.40 2.76 -1.07	59.34 2.92 -2.59	46.62 2.44 -0.81	42.78 2.00 -0.64
BORALEX_4TH_BRANCH 23824	33.14 2.32 0.00	32.35 2.11 0.00	27.82 1.82 0.00	21.55 1.34 0.00	23.38 1.40 0.00	27.87 1.64 0.00	30.50 1.59 0.00	31.69 1.58 -2.62	32.34 1.68 -1.45	36.68 1.75 -1.75	42.68 2.00 0.00	44.53 1.86 0.00	45.16 1.83 0.00	48.20 1.98 0.00	61.79 2.88 0.00	54.53 2.79 0.00	51.02 2.86 0.00	49.85 2.73 -1.69	47.68 2.55 0.00	46.99 2.50 0.00	55.82 3.25 0.00	57.60 3.30 -0.47	45.77 2.40 0.00	42.34 2.21 0.00
BOWLINE___1 23526	32.38 1.56 0.00	31.47 1.23 0.00	26.99 0.99 0.00	20.88 0.67 0.00	22.68 0.71 0.00	27.12 0.88 0.00	29.98 1.06 0.00	6.96 1.20 21.72	18.61 1.23 11.83	20.27 1.33 14.23	42.57 1.89 0.00	44.64 1.97 0.00	45.28 1.95 0.00	48.16 1.93 0.00	61.73 2.82 0.00	54.72 2.99 0.00	51.19 3.03 0.00	48.65 2.98 -0.23	47.82 2.69 0.00	46.81 2.32 0.00	55.14 2.57 0.00	56.24 2.41 0.00	45.03 1.67 0.00	41.87 1.73 0.00
BOWLINE___2 23595	32.38 1.56 0.00	31.48 1.24 0.00	27.00 1.00 0.00	20.89 0.68 0.00	22.69 0.72 0.00	27.12 0.89 0.00	29.98 1.06 0.00	6.95 1.21 21.74	18.62 1.25 11.84	20.27 1.33 14.24	42.57 1.89 0.00	44.64 1.97 0.00	45.30 1.96 0.00	48.16 1.94 0.00	61.73 2.82 0.00	54.72 2.99 0.00	51.20 3.04 0.00	48.65 2.99 -0.23	47.83 2.70 0.00	46.82 2.32 0.00	55.15 2.58 0.00	56.24 2.42 0.00	45.05 1.69 0.00	41.87 1.73 0.00
BRADY___115KV_TB2 356060	29.85 -0.97 0.00	29.49 -0.75 0.00	25.46 -0.54 0.00	19.83 -0.37 0.00	21.65 -0.33 0.00	25.89 -0.35 0.00	28.66 -0.27 0.00	26.96 -0.52 0.00	28.30 -0.91 0.00	32.08 -1.10 0.00	39.05 -1.63 0.00	40.90 -1.76 0.01	41.54 -1.79 0.00	44.71 -1.51 0.00	56.51 -2.40 0.00	49.02 -2.72 0.00	45.64 -2.52 0.00	43.42 -2.01 0.00	43.78 -1.34 0.00	43.28 -1.21 0.00	51.15 -1.42 0.00	50.59 -1.12 2.12	42.84 -0.53 0.00	39.65 -0.49 0.00
BRANSCOMB___SOLAR 323811	33.21 2.39 0.00	32.34 2.10 0.00	27.79 1.79 0.00	21.53 1.32 0.00	23.39 1.42 0.00	27.99 1.75 0.00	30.79 1.87 0.00	31.49 1.81 -2.19	32.38 1.94 -1.23	36.70 2.04 -1.48	43.07 2.39 0.00	45.15 2.48 0.00	45.91 2.58 0.00	48.98 2.75 0.00	62.68 3.77 0.00	55.26 3.53 0.00	51.67 3.51 0.00	50.16 3.35 -1.38	48.20 3.07 0.00	47.68 3.18 0.00	56.52 3.95 0.00	58.07 3.88 -0.37	46.26 2.90 0.00	42.71 2.57 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.48 2.66 0.00	32.45 2.21 0.00	27.75 1.76 0.00	21.38 1.18 0.00	23.27 1.29 0.00	27.72 1.48 0.00	30.59 1.67 0.00	43.24 1.85 -13.91	38.61 1.82 -7.58	45.08 2.07 -9.83	60.41 3.41 -16.32	65.35 3.56 -19.12	66.41 3.41 -19.66	74.04 3.49 -24.33	88.32 4.78 -24.62	88.02 4.29 -31.99	103.65 4.49 -51.00	96.93 4.28 -47.22	108.25 4.07 -59.05	47.82 3.33 0.00	56.82 4.24 0.00	66.29 4.51 -7.95	62.75 3.47 -15.91	43.37 3.23 0.00

BRISTLHL_115KV_TB1 79998	30.92 0.09 0.00	30.19 -0.05 0.00	25.85 -0.15 0.00	20.05 -0.15 0.00	21.79 -0.18 0.00	26.08 -0.16 0.00	28.77 -0.15 0.00	27.44 -0.04 0.00	29.25 0.03 0.00	33.29 0.11 0.00	40.91 0.23 0.00	47.42 0.46 -4.29	50.27 0.52 -6.41	47.78 0.31 -1.24	59.19 0.28 0.00	52.20 0.46 0.00	48.52 0.36 0.00	45.77 0.34 0.00	45.49 0.36 0.00	44.91 0.41 0.00	61.51 0.56 -8.38	63.42 0.11 -9.49	49.93 0.26 -6.31	45.23 0.09 -5.00
BROOKHAVEN___DRP 24191	33.40 2.58 0.00	32.34 2.10 0.00	27.65 1.65 0.00	21.29 1.09 0.00	23.17 1.19 0.00	27.61 1.37 0.00	30.51 1.58 0.00	43.19 1.80 -13.91	38.59 1.80 -7.58	45.09 2.07 -9.84	60.60 3.60 -16.32	65.59 3.80 -19.12	66.62 3.62 -19.66	74.14 3.59 -24.33	97.29 5.06 -33.32	110.54 4.53 -54.27	244.28 4.73 -191.39	263.82 4.59 -213.80	263.35 4.35 -213.87	47.98 3.48 0.00	56.78 4.21 0.00	66.17 4.39 -7.95	62.50 3.22 -15.91	43.29 3.15 0.00
BROOKLYN_NAVY_YARD 23515	32.77 1.95 0.00	31.77 1.53 0.00	27.23 1.23 0.00	21.06 0.85 0.00	22.87 0.90 0.00	27.35 1.12 0.00	30.30 1.38 0.00	42.88 1.62 -13.79	38.48 1.75 -7.51	44.11 1.89 -9.04	43.25 2.58 0.00	45.30 2.63 0.00	45.90 2.57 0.00	48.75 2.53 0.00	62.53 3.62 0.00	55.50 3.76 0.00	52.50 3.70 -0.64	49.29 3.60 -0.25	48.40 3.27 0.00	47.35 2.85 0.00	55.72 3.15 0.00	56.85 2.99 -0.03	45.57 2.21 0.00	42.52 2.38 0.00
BROOKLYN___ARMY_DRP 323595	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
BROOKVLE_69_KV_TB1 55790	33.32 2.50 0.00	32.40 2.16 0.00	27.73 1.73 0.00	21.37 1.16 0.00	23.23 1.26 0.00	27.69 1.45 0.00	30.61 1.70 0.00	43.27 1.88 -13.91	38.63 1.84 -7.58	45.16 2.15 -9.83	60.52 3.52 -16.32	65.59 3.80 -19.12	66.83 3.84 -19.66	74.55 4.00 -24.33	86.68 5.48 -22.29	100.28 5.22 -43.32	103.94 5.20 -50.58	56.39 4.91 -6.05	67.24 4.60 -17.51	48.39 3.89 0.00	56.92 4.35 0.00	66.24 4.46 -7.95	62.60 3.32 -15.91	43.20 3.07 0.00
BROOME_2_LFGE 323671	31.96 1.14 0.00	31.09 0.85 0.00	26.57 0.57 0.00	20.60 0.39 0.00	22.39 0.41 0.00	26.91 0.67 0.00	29.69 0.77 0.00	28.47 0.99 0.00	31.12 1.22 -0.69	35.20 1.47 -0.55	42.82 2.15 0.00	45.82 2.25 -0.90	46.78 2.12 -1.33	48.62 2.14 -0.26	61.62 2.70 0.00	54.48 2.74 0.00	50.35 2.19 0.00	47.38 1.95 0.00	46.91 1.78 0.00	46.32 1.82 0.00	56.37 2.07 -1.73	57.69 1.98 -1.89	46.34 1.67 -1.30	42.55 1.38 -1.03
BROOME___LFGE 323600	31.96 1.14 0.00	31.09 0.85 0.00	26.57 0.57 0.00	20.60 0.39 0.00	22.39 0.41 0.00	26.91 0.67 0.00	29.69 0.77 0.00	28.47 0.99 0.00	31.12 1.22 -0.69	35.20 1.47 -0.55	42.82 2.15 0.00	45.82 2.25 -0.90	46.78 2.12 -1.33	48.62 2.14 -0.26	61.62 2.70 0.00	54.48 2.74 0.00	50.35 2.19 0.00	47.38 1.95 0.00	46.91 1.78 0.00	46.32 1.82 0.00	56.37 2.07 -1.73	57.69 1.98 -1.89	46.34 1.67 -1.30	42.55 1.38 -1.03
BROWNFLS_115KV_TB 3_5 80003	30.82 0.00 0.00	30.16 -0.08 0.00	25.92 -0.08 0.00	19.92 -0.29 0.00	22.00 0.02 0.00	26.30 0.07 0.00	29.12 0.20 0.00	27.18 -0.30 0.00	29.00 -0.22 0.00	33.11 -0.07 0.00	40.64 -0.04 0.00	43.40 -0.10 -0.83	44.28 -0.22 -1.17	45.86 -0.59 -0.23	57.52 -1.39 0.00	50.22 -1.52 0.00	46.69 -1.47 0.00	44.14 -1.29 0.00	44.40 -0.72 0.00	44.22 -0.28 0.00	54.47 0.37 -1.54	63.12 0.86 -8.44	45.64 1.12 -1.16	41.91 0.86 -0.91
BROWNSV1_27_KV_LOAD 356125	33.13 2.30 0.00	32.08 1.84 0.00	27.48 1.48 0.00	21.24 1.04 0.00	23.07 1.09 0.00	27.59 1.36 0.00	30.58 1.67 0.00	43.19 1.92 -13.79	38.82 2.09 -7.51	44.52 2.30 -9.04	43.79 3.11 0.00	45.88 3.21 0.00	46.49 3.15 0.00	49.38 3.15 0.00	63.30 4.39 0.00	56.17 4.43 0.00	52.48 4.32 0.00	49.84 4.16 -0.25	48.96 3.83 0.00	47.91 3.41 0.00	56.37 3.79 0.00	57.52 3.66 -0.03	46.11 2.75 0.00	42.99 2.86 0.00
BURROWS___LYONSDAL 23803	32.01 1.19 0.00	31.18 0.94 0.00	26.71 0.71 0.00	20.47 0.26 0.00	22.63 0.65 0.00	27.05 0.81 0.00	29.90 0.97 0.00	28.02 0.54 0.00	30.16 0.95 0.00	34.48 1.30 0.00	42.52 1.84 0.00	45.29 1.95 -0.68	46.22 1.89 -1.00	48.08 1.66 -0.19	60.52 1.61 0.00	53.18 1.44 0.00	49.40 1.24 0.00	46.63 1.20 0.00	46.63 1.50 0.00	46.45 1.95 0.00	56.61 2.74 -1.30	60.12 2.99 -3.30	46.87 2.53 -0.98	42.96 2.05 -0.78
CAITHNESS_CC_1 323624	33.37 2.55 0.00	32.31 2.07 0.00	27.64 1.63 0.00	21.28 1.08 0.00	23.16 1.19 0.00	27.60 1.36 0.00	30.47 1.55 0.00	43.16 1.77 -13.91	38.54 1.75 -7.58	45.04 2.03 -9.84	60.53 3.53 -16.32	65.50 3.71 -19.12	66.52 3.53 -19.66	74.05 3.50 -24.33	97.07 4.90 -33.26	110.27 4.44 -54.09	243.10 4.63 -190.32	262.48 4.50 -212.56	262.10 4.25 -212.72	47.93 3.43 0.00	56.67 4.10 0.00	66.07 4.29 -7.96	62.44 3.16 -15.91	43.23 3.09 0.00
CALPINE BETH_PAGE_GT4 24209	33.02 2.20 0.00	32.04 1.80 0.00	27.49 1.49 0.00	21.16 0.96 0.00	23.01 1.03 0.00	27.42 1.18 0.00	30.28 1.36 0.00	42.92 1.53 -13.91	38.29 1.49 -7.58	44.71 1.70 -9.83	60.00 3.00 -16.32	65.01 3.22 -19.12	66.24 3.24 -19.66	73.87 3.32 -24.33	85.93 4.57 -22.45	87.48 4.36 -31.38	79.27 4.41 -26.70	56.27 4.19 -6.65	69.47 3.93 -20.41	47.74 3.24 0.00	56.27 3.70 0.00	65.66 3.88 -7.95	62.13 2.86 -15.91	42.81 2.67 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.02 2.20 0.00	32.04 1.80 0.00	27.49 1.49 0.00	21.17 0.96 0.00	23.01 1.03 0.00	27.42 1.18 0.00	30.28 1.36 0.00	42.92 1.53 -13.91	38.28 1.49 -7.58	44.71 1.71 -9.83	60.00 3.00 -16.32	65.01 3.22 -19.12	66.23 3.24 -19.66	73.87 3.32 -24.33	85.93 4.56 -22.45	87.48 4.35 -31.38	79.26 4.40 -26.71	56.29 4.21 -6.65	69.47 3.93 -20.41	47.74 3.24 0.00	56.27 3.70 0.00	65.66 3.88 -7.96	62.14 2.86 -15.91	42.81 2.68 0.00
CALPINE_BP_GT1 23823	33.02 2.20 0.00	32.04 1.80 0.00	27.49 1.49 0.00	21.17 0.96 0.00	23.01 1.03 0.00	27.42 1.18 0.00	30.28 1.36 0.00	42.92 1.53 -13.91	38.28 1.49 -7.58	44.71 1.71 -9.83	60.00 3.00 -16.32	65.01 3.22 -19.12	66.23 3.24 -19.66	73.87 3.32 -24.33	85.93 4.56 -22.45	87.48 4.35 -31.38	79.26 4.40 -26.71	56.29 4.21 -6.65	69.47 3.93 -20.41	47.74 3.24 0.00	56.27 3.70 0.00	65.66 3.88 -7.96	62.14 2.86 -15.91	42.81 2.68 0.00
CALSPAN___DRP 24200	33.12 2.30 0.00	32.02 1.78 0.00	26.84 0.84 0.00	20.68 0.47 0.00	22.43 0.45 0.00	27.39 1.16 0.00	30.42 1.50 0.00	29.29 1.81 0.00	31.66 2.45 0.00	36.52 3.35 0.00	45.12 4.44 0.00	47.43 4.76 0.00	48.08 4.75 0.00	50.74 4.52 0.00	63.87 4.95 0.00	56.66 4.93 0.00	52.23 4.07 0.00	48.84 3.40 0.00	48.52 3.40 0.00	47.98 3.49 0.00	56.41 3.84 0.00	57.27 3.44 0.00	46.96 3.60 0.00	43.19 3.05 0.00

CALVERTON___SOLAR 323806	33.47 2.65 0.00	32.41 2.17 0.00	27.70 1.70 0.00	21.33 1.12 0.00	23.21 1.23 0.00	27.66 1.42 0.00	30.57 1.65 0.00	43.26 1.87 -13.91	38.67 1.88 -7.58	45.20 2.19 -9.84	60.75 3.75 -16.32	65.75 3.96 -19.12	66.78 3.79 -19.66	74.32 3.77 -24.33	97.57 5.30 -33.35	110.75 4.67 -54.34	244.84 4.84 -191.84	264.50 4.74 -214.32	263.96 4.48 -214.36	48.07 3.58 0.00	56.90 4.33 0.00	66.31 4.53 -7.96	62.59 3.31 -15.91	43.37 3.24 0.00
CANDIGU_WT_PWR 323617	32.32 1.50 0.00	31.36 1.12 0.00	26.45 0.45 0.00	20.38 0.18 0.00	22.07 0.09 0.00	26.88 0.64 0.00	29.69 0.77 0.00	28.88 1.40 0.00	32.04 1.93 -0.91	36.31 2.40 -0.73	44.06 3.38 0.00	46.70 3.55 -0.49	47.47 3.40 -0.74	49.71 3.35 -0.14	62.86 3.95 0.00	55.59 3.85 0.00	51.18 3.02 0.00	47.99 2.56 0.00	47.71 2.59 0.00	47.16 2.67 0.00	56.50 2.97 -0.96	57.60 2.73 -1.05	46.79 2.71 -0.72	42.95 2.24 -0.57
CARR STREET_E_SYR 24060	31.21 0.39 0.00	30.46 0.22 0.00	26.06 0.06 0.00	20.22 0.01 0.00	21.96 -0.01 0.00	26.30 0.06 0.00	29.02 0.10 0.00	27.70 0.22 0.00	29.56 0.35 0.00	33.67 0.50 0.00	41.59 0.91 0.00	44.92 0.96 -1.29	46.24 0.98 -1.93	47.47 0.87 -0.37	59.96 1.05 0.00	52.91 1.17 0.00	49.15 0.98 0.00	46.30 0.87 0.00	46.00 0.87 0.00	45.36 0.87 0.00	56.09 1.01 -2.52	57.71 0.87 -3.02	45.89 0.63 -1.90	42.04 0.40 -1.50
CARTHAGE___PAPER 23857	32.11 1.29 0.00	31.24 1.00 0.00	26.76 0.76 0.00	20.40 0.19 0.00	22.65 0.68 0.00	27.08 0.85 0.00	29.98 1.06 0.00	27.87 0.38 0.00	30.10 0.88 0.00	34.51 1.34 0.00	42.63 1.95 0.00	46.49 2.16 -1.66	47.60 1.81 -2.45	47.37 0.67 -0.47	58.83 -0.08 0.00	51.56 -0.18 0.00	47.87 -0.29 0.00	45.35 -0.08 0.00	45.78 0.65 0.00	45.80 1.31 0.00	58.35 2.58 -3.21	64.14 3.74 -6.56	49.13 3.36 -2.41	44.67 2.62 -1.91
CASSADAGA_WT_PWR 323784	33.81 2.99 0.00	32.39 2.15 0.00	27.09 1.09 0.00	20.61 0.40 0.00	22.52 0.54 0.00	28.02 1.79 0.00	31.15 2.23 0.00	30.21 2.72 0.00	30.40 3.41 2.23	35.77 4.37 1.78	46.69 6.01 0.00	49.05 6.38 0.00	49.65 6.31 0.00	51.97 5.75 0.00	65.53 6.61 0.00	58.20 6.46 0.00	53.53 5.37 0.00	50.03 4.60 0.00	49.68 4.55 0.00	49.11 4.62 0.00	58.16 5.60 0.00	59.18 5.36 0.00	48.25 4.89 0.00	44.21 4.08 0.00
CE_DUNWOOD___DRP 24194	32.71 1.88 0.00	31.73 1.49 0.00	27.21 1.21 0.00	21.04 0.83 0.00	22.85 0.88 0.00	27.33 1.09 0.00	30.23 1.31 0.00	43.68 1.49 -14.71	38.82 1.59 -8.02	44.56 1.74 -9.64	43.09 2.41 0.00	45.17 2.50 0.00	45.79 2.46 0.00	48.67 2.45 0.00	62.40 3.48 0.00	55.31 3.57 0.00	51.73 3.58 0.00	49.15 3.46 -0.25	48.30 3.17 0.00	47.28 2.78 0.00	55.67 3.11 0.00	56.84 2.98 -0.03	45.53 2.16 0.00	42.34 2.21 0.00
CE_MILLWOOD___DRP 24193	32.64 1.82 0.00	31.68 1.44 0.00	27.17 1.17 0.00	21.00 0.80 0.00	22.82 0.84 0.00	27.28 1.04 0.00	30.17 1.25 0.00	44.29 1.42 -15.39	39.11 1.51 -8.39	44.90 1.64 -10.09	42.97 2.29 0.00	45.04 2.37 0.00	45.67 2.34 0.00	48.55 2.33 0.00	62.24 3.33 0.00	55.19 3.45 0.00	51.62 3.46 0.00	49.03 3.35 -0.25	48.19 3.07 0.00	47.19 2.69 0.00	55.57 3.00 0.00	56.73 2.88 -0.03	45.43 2.07 0.00	42.25 2.11 0.00
CE_NYC2_DRP 24202	32.84 2.01 0.00	31.81 1.57 0.00	27.26 1.26 0.00	21.07 0.86 0.00	22.88 0.90 0.00	27.37 1.14 0.00	30.34 1.42 0.00	42.92 1.65 -13.78	38.53 1.81 -7.51	44.12 1.91 -9.04	43.27 2.59 0.00	45.32 2.65 0.00	45.84 2.51 0.00	48.54 2.32 0.00	57.79 3.24 4.36	55.17 3.43 0.01	51.56 3.40 0.00	49.05 3.36 -0.25	48.11 2.99 0.01	47.08 2.59 0.00	52.31 2.85 3.11	45.88 2.71 10.66	43.45 2.09 2.00	42.47 2.34 0.00
CE_NYC_DRP 24195	32.85 2.03 0.00	31.83 1.59 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.90 0.93 0.00	27.39 1.16 0.00	30.34 1.42 0.00	42.94 1.67 -13.79	38.54 1.81 -7.52	44.19 1.98 -9.04	43.38 2.70 0.00	45.43 2.76 0.00	46.04 2.71 0.00	48.87 2.65 0.00	62.61 3.70 0.00	55.59 3.85 0.00	51.95 3.79 0.00	49.34 3.66 -0.25	48.47 3.34 0.00	47.42 2.92 0.00	55.79 3.23 0.00	56.93 3.08 -0.03	45.64 2.27 0.00	42.57 2.43 0.00
CHAFFEE___LFGE 323603	33.30 2.48 0.00	32.18 1.94 0.00	26.97 0.97 0.00	20.80 0.59 0.00	22.57 0.59 0.00	27.55 1.32 0.00	30.58 1.66 0.00	29.46 1.98 0.00	29.72 2.63 2.12	35.01 3.54 1.70	45.43 4.75 0.00	47.80 5.13 0.00	48.44 5.10 0.00	51.11 4.89 0.00	64.42 5.51 0.00	57.16 5.42 0.00	52.66 4.51 0.00	49.14 3.71 0.00	48.93 3.80 0.00	48.37 3.88 0.00	56.87 4.30 0.00	57.73 3.90 0.00	47.29 3.93 0.00	43.45 3.31 0.00
CHATEAUG_35_KV_LOAD 355732	29.16 -1.67 0.00	28.68 -1.56 0.00	24.86 -1.15 0.00	19.39 -0.81 0.00	21.21 -0.76 0.00	25.44 -0.80 0.00	28.22 -0.70 0.00	26.97 -0.51 0.00	28.67 -0.54 0.00	32.41 -0.77 0.00	39.27 -1.41 0.00	40.72 -1.94 0.01	41.53 -1.80 0.00	44.25 -1.98 0.00	56.13 -2.78 0.00	48.66 -3.07 0.00	45.40 -2.76 0.00	42.99 -2.44 0.00	43.32 -1.81 0.00	42.81 -1.69 0.00	50.43 -2.14 0.00	51.17 -1.42 1.24	42.74 -0.63 0.00	39.64 -0.50 0.00
CHATEAUG_WT_PWR 323614	29.19 -1.63 0.00	28.67 -1.57 0.00	24.85 -1.15 0.00	19.39 -0.82 0.00	21.23 -0.75 0.00	25.47 -0.76 0.00	28.22 -0.70 0.00	27.02 -0.46 0.00	28.81 -0.40 0.00	32.49 -0.69 0.00	39.44 -1.24 0.00	40.80 -1.86 0.01	41.60 -1.74 0.00	44.26 -1.96 0.00	56.06 -2.85 0.00	48.56 -3.18 0.00	45.33 -2.83 0.00	42.81 -2.62 0.00	43.16 -1.96 0.00	42.62 -1.87 0.00	50.30 -2.27 0.00	51.32 -1.51 1.00	42.78 -0.59 0.00	39.73 -0.41 0.00
CHAT_HIGH_FALL_HYD 323578	29.16 -1.67 0.00	28.68 -1.56 0.00	24.86 -1.15 0.00	19.39 -0.81 0.00	21.21 -0.76 0.00	25.44 -0.80 0.00	28.22 -0.70 0.00	26.97 -0.51 0.00	28.67 -0.54 0.00	32.41 -0.77 0.00	39.27 -1.41 0.00	40.72 -1.94 0.01	41.53 -1.80 0.00	44.25 -1.98 0.00	56.13 -2.78 0.00	48.66 -3.07 0.00	45.40 -2.76 0.00	42.99 -2.44 0.00	43.32 -1.81 0.00	42.81 -1.69 0.00	50.43 -2.14 0.00	51.17 -1.42 1.24	42.74 -0.63 0.00	39.64 -0.50 0.00
CHAUTAUQUA___LFGE 323629	33.44 2.62 0.00	32.10 1.86 0.00	26.91 0.90 0.00	20.62 0.41 0.00	22.48 0.50 0.00	27.68 1.45 0.00	30.73 1.81 0.00	29.73 2.25 0.00	29.95 2.87 2.13	35.17 3.70 1.71	45.85 5.17 0.00	48.19 5.52 0.00	48.75 5.42 0.00	51.30 5.08 0.00	64.71 5.80 0.00	57.47 5.73 0.00	52.81 4.65 0.00	49.36 3.93 0.00	49.01 3.88 0.00	48.51 4.01 0.00	57.23 4.66 0.00	58.19 4.36 0.00	47.51 4.15 0.00	43.59 3.46 0.00
CHERRYST_13_KV_LD 356241	33.00 2.17 0.00	31.96 1.72 0.00	27.39 1.39 0.00	21.18 0.97 0.00	23.00 1.02 0.00	27.51 1.28 0.00	30.50 1.57 0.00	43.09 1.82 -13.79	38.71 1.98 -7.52	44.41 2.19 -9.04	43.66 2.98 0.00	45.73 3.06 0.00	46.31 2.98 0.00	49.19 2.97 0.00	63.06 4.14 0.00	56.00 4.27 0.00	52.33 4.17 0.00	49.71 4.03 -0.25	48.81 3.68 0.00	47.71 3.21 0.00	56.12 3.55 0.00	57.24 3.38 -0.03	45.86 2.50 0.00	42.76 2.62 0.00

CHESTROR_138KV_BK263 355645	32.38 1.55 0.00	31.47 1.23 0.00	27.00 1.00 0.00	20.88 0.67 0.00	22.69 0.71 0.00	27.12 0.88 0.00	29.97 1.05 0.00	15.31 1.19 13.36	23.19 1.26 7.28	25.79 1.37 8.75	42.59 1.92 0.00	44.66 1.99 0.00	45.32 1.99 0.00	48.23 2.00 0.00	61.79 2.88 0.00	54.73 2.99 0.00	51.15 3.00 0.00	48.55 2.92 -0.20	47.83 2.70 0.00	46.91 2.42 0.00	55.29 2.72 0.00	56.40 2.58 0.00	45.20 1.83 0.00	41.93 1.79 0.00
CH_MIDHUDSON___DRP 24192	32.71 1.89 0.00	31.77 1.52 0.00	27.25 1.26 0.00	21.08 0.87 0.00	22.91 0.93 0.00	27.37 1.13 0.00	30.26 1.34 0.00	31.34 1.49 -2.37	32.11 1.60 -1.30	36.53 1.79 -1.56	43.14 2.46 0.00	45.25 2.59 0.00	45.92 2.59 0.00	48.89 2.66 0.00	62.69 3.78 0.00	55.57 3.83 0.00	51.98 3.82 0.00	49.32 3.69 -0.20	48.56 3.43 0.00	47.59 3.10 0.00	56.04 3.47 0.00	57.18 3.36 0.00	45.78 2.42 0.00	42.46 2.32 0.00
CH_MISC_IPPS 23765	32.82 2.00 0.00	31.85 1.61 0.00	27.30 1.30 0.00	21.12 0.91 0.00	22.94 0.97 0.00	27.42 1.19 0.00	30.33 1.41 0.00	29.07 1.58 0.00	30.93 1.72 0.00	35.22 2.04 0.00	43.51 2.83 0.00	45.70 3.03 0.00	46.40 3.07 0.00	49.41 3.18 0.00	63.35 4.43 0.00	56.16 4.42 0.00	52.52 4.37 0.00	49.85 4.23 -0.19	49.10 3.97 0.00	48.10 3.61 0.00	56.62 4.05 0.00	57.73 3.91 0.00	46.19 2.83 0.00	42.79 2.66 0.00
CH_RES_BVR_FALLS 23983	30.15 -0.67 0.00	29.57 -0.67 0.00	25.45 -0.55 0.00	19.74 -0.46 0.00	21.64 -0.33 0.00	25.78 -0.46 0.00	28.48 -0.44 0.00	26.94 -0.55 0.00	28.75 -0.46 0.00	32.70 -0.47 0.00	40.04 -0.63 0.00	41.89 -0.78 0.00	42.45 -0.89 0.00	45.27 -0.95 0.00	57.51 -1.41 0.00	50.33 -1.41 0.00	46.78 -1.38 0.00	44.08 -1.35 0.00	43.91 -1.22 0.00	43.40 -1.10 0.00	51.36 -1.20 0.00	52.62 -0.88 0.33	42.88 -0.48 0.00	39.71 -0.43 0.00
CH_RES_NIAGARA 23895	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.12 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.30 0.82 0.00	30.63 1.42 0.00	35.38 2.21 0.00	43.52 2.84 0.00	45.65 2.98 0.00	46.35 3.01 0.00	48.76 2.53 0.00	61.09 2.17 0.00	54.21 2.47 0.00	50.02 1.86 0.00	46.69 1.25 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.12 1.55 0.00	54.90 1.08 0.00	45.23 1.87 0.00	41.90 1.76 0.00
CH_RES_SYRACUSE 23985	31.38 0.55 0.00	30.68 0.43 0.00	26.22 0.22 0.00	20.36 0.15 0.00	22.12 0.15 0.00	26.46 0.22 0.00	29.21 0.29 0.00	27.84 0.35 0.00	29.63 0.42 0.00	33.65 0.48 0.00	41.56 0.88 -2.37	45.95 0.91 -3.54	47.80 0.92 -0.68	47.73 0.83 0.00	59.96 1.05 0.00	52.92 1.18 0.00	49.16 1.00 0.00	46.36 0.93 0.00	46.08 0.95 0.00	45.47 0.98 0.00	58.35 1.14 -4.64	60.11 0.99 -5.30	47.57 0.71 -3.49	43.39 0.48 -2.76
CLINTON_WT_PWR 323605	29.19 -1.63 0.00	28.67 -1.57 0.00	24.85 -1.15 0.00	19.39 -0.82 0.00	21.23 -0.75 0.00	25.47 -0.76 0.00	28.22 -0.70 0.00	27.02 -0.46 0.00	28.81 -0.40 0.00	32.49 -0.69 0.00	39.44 -1.24 0.01	40.80 -1.86 0.00	41.60 -1.74 0.00	44.26 -1.96 0.00	56.06 -2.85 0.00	48.56 -3.18 0.00	45.33 -2.83 0.00	42.81 -2.62 0.00	43.16 -1.96 0.00	42.62 -1.87 0.00	50.30 -2.27 0.00	51.32 -1.51 1.00	42.78 -0.59 0.00	39.73 -0.41 0.00
CLINTON___LFGE 323618	29.69 -1.13 0.00	29.11 -1.14 0.00	25.25 -0.75 0.00	19.65 -0.55 0.00	21.52 -0.46 0.00	25.86 -0.38 0.00	28.68 -0.25 0.00	27.49 0.01 0.00	29.34 0.13 0.00	33.02 -0.16 0.00	40.11 -0.57 0.01	41.29 -1.37 0.00	42.04 -1.29 0.00	44.63 -1.59 0.00	56.49 -2.42 0.00	48.88 -2.86 0.00	45.59 -2.57 0.00	43.09 -2.34 0.00	43.44 -1.68 0.00	42.90 -1.59 0.00	50.67 -1.90 0.00	51.90 -0.86 1.06	43.46 0.10 0.00	40.38 0.24 0.00
COBBLENY_34_KV_TB1 80064	33.30 2.48 0.00	32.18 1.94 0.00	26.97 0.97 0.00	20.80 0.59 0.00	22.57 0.59 0.00	27.55 1.32 0.00	30.58 1.66 0.00	29.46 1.97 0.00	31.85 2.64 0.00	36.74 3.56 0.00	45.40 4.72 0.00	47.74 5.07 0.00	48.40 5.07 0.00	51.12 4.89 0.00	64.40 5.48 0.00	57.15 5.41 0.00	52.65 4.49 0.00	49.26 3.83 0.00	48.93 3.80 0.00	48.37 3.87 0.00	56.86 4.29 0.00	57.72 3.89 0.00	47.28 3.92 0.00	43.45 3.31 0.00
COFFEEN___115KV_TB3 355620	32.57 1.74 0.00	31.64 1.40 0.00	27.07 1.07 0.00	20.63 0.42 0.00	22.86 0.88 0.00	27.34 1.10 0.00	30.26 1.34 0.00	28.10 0.62 0.00	30.41 1.20 0.00	34.93 1.75 0.00	43.27 2.58 0.00	47.85 3.16 -2.02	49.38 3.05 -3.00	48.85 2.05 -0.58	60.39 1.47 0.00	52.95 1.21 0.00	49.20 1.04 0.00	46.78 1.35 0.00	47.27 2.14 0.00	47.25 2.75 0.00	60.66 4.17 -3.92	65.53 4.88 -6.83	50.35 4.04 -2.95	45.63 3.16 -2.33
COLDSPRG_115KV_BK1 355956	33.85 3.03 0.00	32.58 2.34 0.00	27.33 1.33 0.00	20.96 0.75 0.00	22.85 0.87 0.00	28.10 1.87 0.00	31.25 2.33 0.00	30.24 2.76 0.00	32.69 3.48 0.00	37.64 4.47 0.00	46.65 5.98 0.00	48.99 6.32 0.00	49.51 6.18 0.00	51.93 5.70 0.00	65.49 6.57 0.00	58.13 6.39 0.00	53.31 5.15 0.00	49.97 4.54 0.00	49.48 4.35 0.00	48.88 4.38 0.00	57.92 5.35 0.00	59.00 5.17 0.00	48.09 4.73 0.00	44.10 3.96 0.00
COLONIE_LFGE___ 323577	32.68 1.85 0.00	31.89 1.64 0.00	27.42 1.42 0.00	21.25 1.04 0.00	23.07 1.10 0.00	27.55 1.32 0.00	30.26 1.34 0.00	31.12 1.32 -2.32	31.90 1.39 -1.29	36.22 1.49 -1.56	42.42 1.74 0.00	44.38 1.71 0.00	45.03 1.70 0.00	47.98 1.76 0.00	61.43 2.52 0.00	54.17 2.43 0.00	50.66 2.50 0.00	49.78 2.39 -1.96	47.33 2.20 0.00	46.64 2.15 0.00	55.22 2.65 0.00	56.98 2.63 -0.52	45.30 1.94 0.00	41.94 1.80 0.00
COOPERNY_115KV_TB1 80082	31.96 1.14 0.00	31.14 0.90 0.00	26.74 0.74 0.00	20.71 0.50 0.00	22.51 0.53 0.00	26.90 0.66 0.00	29.68 0.76 0.00	23.06 0.88 5.30	27.25 0.92 2.89	30.70 1.00 3.47	42.09 1.42 0.00	44.15 1.48 0.00	44.80 1.47 0.00	47.68 1.45 0.00	61.00 2.09 0.00	53.92 2.18 0.00	50.30 2.15 0.00	47.52 2.09 0.00	47.05 1.92 0.00	46.22 1.73 0.00	54.52 1.95 0.00	55.71 1.88 0.00	44.70 1.33 0.00	41.44 1.30 0.00
COPENHAGEN_WT_PWR 323753	31.90 1.08 0.00	31.01 0.77 0.00	26.56 0.55 0.00	20.17 -0.03 0.00	22.42 0.45 0.00	26.76 0.53 0.00	29.59 0.67 0.00	27.48 0.00 0.00	29.86 0.65 0.00	34.43 1.25 0.00	42.73 2.05 0.00	47.26 2.47 -2.12	48.80 2.32 -3.14	48.25 1.42 -0.61	59.71 0.80 0.00	52.36 0.62 0.00	48.56 0.40 0.00	45.88 0.45 0.00	46.28 1.15 0.00	46.42 1.92 0.00	59.86 3.18 -4.11	64.54 3.82 -6.89	49.67 3.22 -3.09	45.06 2.47 -2.45
CORNELL_____ 23752	32.42 1.60 0.00	31.58 1.34 0.00	26.96 0.96 0.00	20.90 0.69 0.00	22.72 0.74 0.00	27.28 1.05 0.00	30.16 1.24 0.00	28.84 1.36 0.00	30.69 1.48 0.00	34.89 1.71 0.00	43.05 2.37 0.00	46.39 2.48 -1.24	47.66 2.47 -1.85	49.19 2.62 -0.36	62.38 3.47 0.00	55.29 3.55 0.00	51.13 2.97 0.00	48.01 2.58 0.00	47.73 2.60 0.00	47.30 2.80 0.00	58.35 3.37 -2.42	59.71 3.25 -2.64	47.74 2.56 -1.82	43.68 2.10 -1.44

CORONA_69_KV_TB1 355595	33.33 2.51 0.00	32.31 2.07 0.00	27.66 1.66 0.00	21.34 1.13 0.00	23.18 1.20 0.00	27.60 1.36 0.00	30.49 1.57 0.00	43.12 1.73 -13.91	38.57 1.78 -7.58	45.05 2.05 -9.83	60.29 3.29 -16.32	65.32 3.54 -19.12	66.49 3.49 -19.66	74.09 3.54 -24.33	86.02 4.82 -22.29	89.48 4.65 -33.09	83.15 4.66 -30.33	53.84 4.44 -3.97	66.82 4.18 -17.51	48.03 3.53 0.00	56.60 4.03 0.00	65.95 4.17 -7.95	62.48 3.20 -15.91	43.16 3.02 0.00
CORTLAND_115KV_TB3 80093	32.14 1.32 0.00	31.31 1.07 0.00	26.78 0.78 0.00	20.76 0.55 0.00	22.58 0.60 0.00	27.09 0.85 0.00	29.91 0.99 0.00	28.57 1.09 0.00	30.43 1.22 0.00	34.56 1.39 0.00	42.64 1.96 0.00	45.92 2.02 -1.23	47.15 1.98 -1.84	48.64 2.06 -0.35	61.59 2.68 0.00	54.42 2.68 0.00	50.43 2.27 0.00	47.38 1.95 0.00	47.09 1.96 0.00	46.63 2.14 0.00	57.56 2.60 -2.39	59.19 2.53 -2.83	47.22 2.05 -1.80	43.24 1.67 -1.43
COXSACKIE___GT 23611	33.84 3.02 0.00	33.06 2.82 0.00	28.44 2.44 0.00	22.05 1.85 0.00	23.92 1.95 0.00	28.59 2.36 0.00	31.41 2.49 0.00	29.65 2.17 0.00	31.38 2.17 0.00	35.66 2.49 0.00	43.22 2.54 0.00	44.58 1.91 0.00	44.62 1.29 0.00	46.26 0.04 0.00	61.31 2.39 0.00	54.94 3.20 0.00	51.57 3.41 0.00	46.46 3.52 2.49	48.93 3.80 0.00	48.20 3.71 0.00	56.86 4.29 0.00	57.63 4.36 0.55	46.70 3.34 0.00	43.34 3.20 0.00
CPV_VALLEY___CC1 323721	32.07 1.25 0.00	31.20 0.96 0.00	26.79 0.79 0.00	20.73 0.53 0.00	22.53 0.55 0.00	26.92 0.69 0.00	29.73 0.81 0.00	20.17 0.96 8.27	25.71 1.00 4.51	28.84 1.08 5.42	42.21 1.53 0.00	44.25 1.58 0.00	44.90 1.57 0.00	47.77 1.55 0.00	61.18 2.27 0.00	54.17 2.43 0.00	50.61 2.45 0.00	47.99 2.39 -0.17	47.29 2.16 0.00	46.39 1.89 0.00	54.69 2.12 0.00	55.82 2.00 0.00	44.74 1.38 0.00	41.54 1.40 0.00
CPV_VALLEY___CC2 323722	32.07 1.25 0.00	31.20 0.96 0.00	26.79 0.79 0.00	20.73 0.53 0.00	22.53 0.55 0.00	26.92 0.69 0.00	29.73 0.81 0.00	20.17 0.96 8.27	25.71 1.00 4.51	28.84 1.08 5.42	42.21 1.53 0.00	44.25 1.58 0.00	44.90 1.57 0.00	47.77 1.55 0.00	61.18 2.27 0.00	54.17 2.43 0.00	50.61 2.45 0.00	47.99 2.39 -0.17	47.29 2.16 0.00	46.39 1.89 0.00	54.69 2.12 0.00	55.82 2.00 0.00	44.74 1.38 0.00	41.54 1.40 0.00
CRESCENT___HYD 24018	32.68 1.85 0.00	31.89 1.64 0.00	27.42 1.42 0.00	21.25 1.04 0.00	23.07 1.10 0.00	27.55 1.32 0.00	30.26 1.34 0.00	31.12 1.32 -2.32	31.90 1.39 -1.29	36.22 1.49 -1.56	42.42 1.74 0.00	44.38 1.71 0.00	45.03 1.70 0.00	47.98 1.76 0.00	61.43 2.52 0.00	54.17 2.43 0.00	50.66 2.50 0.00	49.78 2.39 -1.96	47.33 2.20 0.00	46.64 2.15 0.00	55.22 2.65 0.00	56.98 2.63 -0.52	45.30 1.94 0.00	41.94 1.80 0.00
CRICKET___VALLEY_CC1 323756	32.49 1.66 0.00	31.54 1.30 0.00	27.09 1.09 0.00	20.96 0.75 0.00	22.78 0.80 0.00	27.22 0.98 0.00	30.08 1.17 0.00	34.46 1.29 -5.69	33.65 1.33 -3.10	38.31 1.40 -3.73	42.56 1.89 0.00	44.54 1.87 0.00	45.17 1.84 0.00	48.11 1.89 0.00	61.72 2.80 0.00	54.71 2.97 0.00	51.26 3.10 0.00	48.83 3.04 -0.36	47.89 2.76 0.00	46.95 2.45 0.00	55.32 2.75 0.00	56.57 2.68 -0.06	45.25 1.88 0.00	41.95 1.81 0.00
CRICKET___VALLEY_CC2 323757	32.49 1.66 0.00	31.54 1.30 0.00	27.09 1.09 0.00	20.96 0.75 0.00	22.78 0.80 0.00	27.22 0.98 0.00	30.08 1.17 0.00	34.46 1.29 -5.69	33.65 1.33 -3.10	38.31 1.40 -3.73	42.56 1.89 0.00	44.54 1.87 0.00	45.17 1.84 0.00	48.11 1.89 0.00	61.72 2.80 0.00	54.71 2.97 0.00	51.26 3.10 0.00	48.83 3.04 -0.36	47.89 2.76 0.00	46.95 2.45 0.00	55.32 2.75 0.00	56.57 2.68 -0.06	45.25 1.88 0.00	41.95 1.81 0.00
CRICKET___VALLEY_CC3 323758	32.49 1.66 0.00	31.54 1.30 0.00	27.09 1.09 0.00	20.96 0.75 0.00	22.78 0.80 0.00	27.22 0.98 0.00	30.08 1.17 0.00	34.46 1.29 -5.69	33.65 1.33 -3.10	38.31 1.40 -3.73	42.56 1.89 0.00	44.54 1.87 0.00	45.17 1.84 0.00	48.11 1.89 0.00	61.72 2.80 0.00	54.71 2.97 0.00	51.26 3.10 0.00	48.83 3.04 -0.36	47.89 2.76 0.00	46.95 2.45 0.00	55.32 2.75 0.00	56.57 2.68 -0.06	45.25 1.88 0.00	41.95 1.81 0.00
CRUCIBLE_METL_DRP 24180	31.38 0.55 0.00	30.68 0.43 0.00	26.23 0.22 0.00	20.36 0.15 0.00	22.12 0.14 0.00	26.46 0.22 0.00	29.21 0.29 0.00	27.84 0.35 0.00	29.64 0.43 0.00	33.65 0.48 0.00	41.56 0.88 0.00	45.94 0.90 -2.37	47.79 0.91 -3.54	47.74 0.83 -0.68	59.96 1.05 0.00	52.92 1.18 0.00	49.16 1.00 0.00	46.37 0.94 0.00	46.08 0.95 0.00	45.47 0.98 0.00	58.35 1.14 -4.64	60.11 0.99 -5.30	47.57 0.71 -3.49	43.39 0.48 -2.76
DAHOWA___HYDRO 323763	33.42 2.60 0.00	32.51 2.26 0.00	27.94 1.94 0.00	21.64 1.43 0.00	23.51 1.53 0.00	28.15 1.91 0.00	30.98 2.06 0.00	31.65 2.00 -2.17	32.58 2.15 -1.22	36.94 2.29 -1.47	43.40 2.72 0.00	45.52 2.85 0.00	46.30 2.97 0.00	49.40 3.18 0.00	63.22 4.31 0.00	55.73 4.00 0.00	52.09 3.93 0.00	50.43 3.72 -1.28	48.55 3.43 0.00	48.06 3.57 0.00	56.95 4.38 0.00	58.45 4.27 -0.35	46.57 3.21 0.00	42.96 2.82 0.00
DANC___LFGE 323619	31.55 0.73 0.00	30.71 0.47 0.00	26.29 0.30 0.00	20.14 -0.06 0.00	22.19 0.21 0.00	26.51 0.28 0.00	29.30 0.38 0.00	27.48 0.00 0.00	29.63 0.42 0.00	33.99 0.82 0.00	42.08 1.40 0.00	47.00 1.68 -2.65	48.84 1.58 -3.94	47.91 0.93 -0.76	59.43 0.52 0.00	52.22 0.48 0.00	48.45 0.29 0.00	45.77 0.34 0.00	45.92 0.79 0.00	45.77 1.27 0.00	59.82 2.10 -5.15	63.60 2.50 -7.28	49.36 2.11 -3.88	44.77 1.57 -3.07
DANSKAMMER___1 23586	32.82 2.00 0.00	31.85 1.61 0.00	27.30 1.30 0.00	21.12 0.91 0.00	22.94 0.97 0.00	27.42 1.19 0.00	30.33 1.41 0.00	29.07 1.58 0.00	30.93 1.72 0.00	35.22 2.04 0.00	43.51 2.83 0.00	45.70 3.03 0.00	46.40 3.07 0.00	49.41 3.18 0.00	63.35 4.43 0.00	56.16 4.42 0.00	52.52 4.37 0.00	49.85 4.23 -0.19	49.10 3.97 0.00	48.10 3.61 0.00	56.62 4.05 0.00	57.73 3.91 0.00	46.19 2.83 0.00	42.79 2.66 0.00
DANSKAMMER___2 23589	32.82 2.00 0.00	31.85 1.61 0.00	27.30 1.30 0.00	21.12 0.91 0.00	22.94 0.97 0.00	27.42 1.19 0.00	30.33 1.41 0.00	29.07 1.58 0.00	30.93 1.72 0.00	35.22 2.04 0.00	43.51 2.83 0.00	45.70 3.03 0.00	46.40 3.07 0.00	49.41 3.18 0.00	63.35 4.43 0.00	56.16 4.42 0.00	52.52 4.37 0.00	49.85 4.23 -0.19	49.10 3.97 0.00	48.10 3.61 0.00	56.62 4.05 0.00	57.73 3.91 0.00	46.19 2.83 0.00	42.79 2.66 0.00
DANSKAMMER___3 23590	32.82 2.00 0.00	31.85 1.61 0.00	27.30 1.30 0.00	21.12 0.91 0.00	22.94 0.97 0.00	27.42 1.19 0.00	30.33 1.41 0.00	29.07 1.58 0.00	30.93 1.72 0.00	35.22 2.04 0.00	43.51 2.83 0.00	45.70 3.03 0.00	46.40 3.07 0.00	49.41 3.18 0.00	63.35 4.43 0.00	56.16 4.42 0.00	52.52 4.37 0.00	49.85 4.23 -0.19	49.10 3.97 0.00	48.10 3.61 0.00	56.62 4.05 0.00	57.73 3.91 0.00	46.19 2.83 0.00	42.79 2.66 0.00

DANSKAMMER___4 23591	32.82 2.00 0.00	31.85 1.61 0.00	27.30 1.30 0.00	21.12 0.91 0.00	22.94 0.97 0.00	27.42 1.19 0.00	30.33 1.41 0.00	29.07 1.58 0.00	30.93 1.72 0.00	35.22 2.04 0.00	43.51 2.83 0.00	45.70 3.03 0.00	46.40 3.07 0.00	49.41 3.18 0.00	63.35 4.43 0.00	56.16 4.42 0.00	52.52 4.37 0.00	49.85 4.23 -0.19	49.10 3.97 0.00	48.10 3.61 0.00	56.62 4.05 0.00	57.73 3.91 0.00	46.19 2.83 0.00	42.79 2.66 0.00
DANSKAMMER___DIESEL 23592	32.82 2.00 0.00	31.85 1.61 0.00	27.30 1.30 0.00	21.12 0.91 0.00	22.94 0.97 0.00	27.42 1.19 0.00	30.33 1.41 0.00	29.07 1.59 0.00	30.93 1.71 0.00	35.21 2.04 0.00	43.51 2.83 0.00	45.70 3.03 0.00	46.41 3.08 0.00	49.40 3.18 0.00	63.35 4.44 0.00	56.16 4.42 0.00	52.53 4.37 0.00	49.84 4.22 -0.19	49.10 3.97 0.00	48.10 3.61 0.00	56.62 4.05 0.00	57.73 3.90 0.00	46.19 2.83 0.00	42.79 2.66 0.00
DARBY___SOLAR 323810	33.22 2.40 0.00	32.34 2.10 0.00	27.80 1.80 0.00	21.53 1.33 0.00	23.39 1.42 0.00	27.99 1.75 0.00	30.80 1.87 0.00	31.51 1.83 -2.19	32.39 1.95 -1.23	36.72 2.06 -1.48	43.09 2.41 0.00	45.18 2.51 0.00	45.93 2.60 0.00	49.00 2.78 0.00	62.73 3.81 0.00	55.31 3.57 0.00	51.69 3.53 0.00	50.14 3.34 -1.37	48.20 3.07 0.00	47.70 3.20 0.00	56.52 3.95 0.00	58.08 3.88 -0.37	46.29 2.92 0.00	42.73 2.59 0.00
DASHVILLE___HYD 23610	32.09 1.26 0.00	31.16 0.92 0.00	26.73 0.73 0.00	20.67 0.46 0.00	22.46 0.48 0.00	26.83 0.59 0.00	29.74 0.82 0.00	28.63 1.15 0.00	30.45 1.24 0.00	34.55 1.38 0.00	42.75 2.07 0.00	44.89 2.22 0.00	45.61 2.28 0.00	48.76 2.53 0.00	62.49 3.58 0.00	55.36 3.62 0.00	51.76 3.60 0.00	48.42 3.53 0.54	48.28 3.15 0.00	47.17 2.67 0.00	55.51 2.94 0.00	56.51 2.82 0.13	45.28 1.91 0.00	41.90 1.76 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.17 3.35 0.00	33.07 2.83 0.00	28.22 2.22 0.00	21.73 1.53 0.00	23.65 1.67 0.00	28.20 1.97 0.00	31.22 2.30 0.00	43.93 2.54 -13.91	39.47 2.68 -7.58	46.24 3.22 -9.84	62.15 5.15 -16.32	67.31 5.52 -19.12	68.37 5.38 -19.66	75.80 5.25 -24.33	99.60 7.30 -33.38	111.90 5.72 -54.45	246.27 5.65 -192.45	265.96 5.50 -215.03	265.18 5.03 -215.02	48.59 4.10 0.00	57.54 4.97 0.00	66.99 5.21 -7.95	63.05 3.77 -15.91	43.76 3.62 0.00
DELAWARE___LFGE 323621	32.08 1.26 0.00	31.39 1.15 0.00	26.98 0.98 0.00	20.92 0.72 0.00	22.75 0.77 0.00	27.19 0.96 0.00	29.96 1.04 0.00	28.58 1.09 0.00	30.43 1.21 0.00	34.52 1.34 0.00	42.48 1.80 0.00	44.98 1.87 -0.44	45.86 1.87 -0.66	48.21 1.86 -0.13	61.51 2.60 0.00	54.27 2.54 0.00	50.48 2.32 0.00	47.64 2.21 0.00	47.22 2.09 0.00	46.51 2.01 0.00	55.70 2.35 -0.78	57.00 2.32 -0.86	45.73 1.78 -0.59	42.22 1.61 -0.47
DERFIELD_115KV_TB7 355931	31.22 0.40 0.00	30.55 0.31 0.00	26.26 0.26 0.00	20.38 0.18 0.00	22.18 0.20 0.00	26.47 0.23 0.00	29.15 0.23 0.00	27.72 0.24 0.00	29.50 0.29 0.00	33.50 0.33 0.00	41.13 0.45 0.00	43.10 0.43 0.00	43.76 0.43 0.00	46.61 0.39 0.00	59.47 0.56 0.00	52.31 0.57 0.00	48.71 0.55 0.00	45.94 0.51 0.00	45.58 0.46 0.00	44.95 0.46 0.00	53.16 0.59 0.00	54.63 0.59 -0.21	43.80 0.43 0.00	40.54 0.40 0.00
DOGLEVILLE___HYD 23807	32.40 1.58 0.00	31.58 1.33 0.00	27.09 1.08 0.00	20.98 0.77 0.00	22.75 0.77 0.00	27.14 0.91 0.00	29.82 0.90 0.00	28.41 0.93 0.00	30.08 0.87 0.00	33.86 0.69 0.00	41.30 0.62 0.00	43.34 0.67 0.00	44.08 0.74 0.00	47.00 0.77 0.00	60.34 1.43 0.00	53.72 1.98 0.00	50.32 2.16 0.00	47.28 1.85 0.00	46.47 1.34 0.00	45.95 1.46 0.00	54.70 2.13 0.00	56.42 2.38 -0.21	45.01 1.64 0.00	41.54 1.40 0.00
DUNKIRK___115KV_TB_200 55889	33.36 2.53 0.00	32.04 1.80 0.00	26.87 0.86 0.00	20.61 0.40 0.00	22.44 0.47 0.00	27.62 1.39 0.00	30.66 1.74 0.00	29.64 2.16 0.00	32.01 2.80 0.00	36.80 3.63 0.00	45.69 5.01 0.00	48.00 5.33 0.00	48.59 5.25 0.00	51.19 4.97 0.00	64.56 5.65 0.00	57.34 5.61 0.00	52.67 4.51 0.00	49.34 3.91 0.00	48.89 3.76 0.00	48.37 3.88 0.00	57.07 4.50 0.00	58.01 4.19 0.00	47.38 4.02 0.00	43.48 3.34 0.00
DUNKIRK___1 23563	33.36 2.53 0.00	32.04 1.80 0.00	26.87 0.86 0.00	20.61 0.40 0.00	22.44 0.47 0.00	27.62 1.39 0.00	30.66 1.74 0.00	29.64 2.16 0.00	32.01 2.80 0.00	36.80 3.63 0.00	45.69 5.01 0.00	48.00 5.33 0.00	48.59 5.25 0.00	51.19 4.97 0.00	64.56 5.65 0.00	57.34 5.61 0.00	52.67 4.51 0.00	49.34 3.91 0.00	48.89 3.76 0.00	48.37 3.88 0.00	57.07 4.50 0.00	58.01 4.19 0.00	47.38 4.02 0.00	43.48 3.34 0.00
DUNKIRK___2 23564	33.36 2.53 0.00	32.04 1.80 0.00	26.87 0.86 0.00	20.61 0.40 0.00	22.44 0.47 0.00	27.62 1.39 0.00	30.66 1.74 0.00	29.64 2.16 0.00	32.01 2.80 0.00	36.80 3.63 0.00	45.69 5.01 0.00	48.00 5.33 0.00	48.59 5.25 0.00	51.19 4.97 0.00	64.56 5.65 0.00	57.34 5.61 0.00	52.67 4.51 0.00	49.34 3.91 0.00	48.89 3.76 0.00	48.37 3.88 0.00	57.07 4.50 0.00	58.01 4.19 0.00	47.38 4.02 0.00	43.48 3.34 0.00
DUNKIRK___3 23565	33.15 2.33 0.00	31.91 1.67 0.00	26.77 0.77 0.00	20.58 0.38 0.00	22.38 0.41 0.00	27.47 1.23 0.00	30.48 1.56 0.00	29.42 1.94 0.00	31.77 2.56 0.00	36.54 3.36 0.00	45.31 4.63 0.00	47.58 4.91 0.00	48.18 4.85 0.00	50.82 4.59 0.00	64.09 5.17 0.00	56.88 5.14 0.00	52.27 4.12 0.00	48.95 3.52 0.00	48.53 3.40 0.00	48.00 3.51 0.00	56.54 3.98 0.00	57.49 3.66 0.00	47.00 3.64 0.00	43.18 3.04 0.00
DUNKIRK___4 23566	33.15 2.33 0.00	31.91 1.67 0.00	26.77 0.77 0.00	20.58 0.38 0.00	22.38 0.41 0.00	27.47 1.23 0.00	30.48 1.56 0.00	29.42 1.94 0.00	31.77 2.56 0.00	36.54 3.36 0.00	45.31 4.63 0.00	47.58 4.91 0.00	48.18 4.85 0.00	50.82 4.59 0.00	64.09 5.17 0.00	56.88 5.14 0.00	52.27 4.12 0.00	48.95 3.52 0.00	48.53 3.40 0.00	48.00 3.51 0.00	56.54 3.98 0.00	57.49 3.66 0.00	47.00 3.64 0.00	43.18 3.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.79 1.97 0.00	31.80 1.56 0.00	27.26 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.37 1.13 0.00	30.29 1.37 0.00	42.82 1.57 -13.77	38.39 1.68 -7.51	44.03 1.83 -9.03	43.21 2.53 0.00	45.27 2.60 0.00	45.89 2.56 0.00	48.76 2.54 0.00	62.52 3.60 0.00	55.45 3.71 0.00	51.85 3.69 0.00	49.26 3.57 -0.25	48.40 3.28 0.00	47.36 2.87 0.00	55.76 3.19 0.00	56.94 3.08 -0.03	45.61 2.25 0.00	42.46 2.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.56 1.74 0.00	31.63 1.39 0.00	27.12 1.12 0.00	20.97 0.76 0.00	22.79 0.81 0.00	27.24 1.00 0.00	30.12 1.20 0.00	24.73 1.36 4.11	28.43 1.45 2.23	32.12 1.63 2.69	42.97 2.29 0.00	45.10 2.43 0.00	45.77 2.44 0.00	48.74 2.51 0.00	62.46 3.55 0.00	55.35 3.61 0.00	51.77 3.61 0.00	49.10 3.51 -0.16	48.39 3.26 0.00	47.45 2.95 0.00	55.88 3.31 0.00	57.01 3.18 0.00	45.63 2.27 0.00	42.30 2.16 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.85 2.03 0.00	31.83 1.59 0.00	27.29 1.29 0.00	21.10 0.89 0.00	22.92 0.95 0.00	27.42 1.19 0.00	30.38 1.46 0.00	42.91 1.65 -13.78	38.48 1.76 -7.51	44.10 1.88 -9.04	43.29 2.62 0.00	45.33 2.66 0.00	45.87 2.54 0.00	48.63 2.41 0.00	62.32 3.41 0.00	55.25 3.51 0.01	51.63 3.47 0.00	49.14 3.45 -0.25	48.14 3.01 0.01	47.15 2.66 0.00	55.57 3.00 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.44 2.30 0.00
E179THST_13_KV_LOAD 356214	33.06 2.24 0.00	32.03 1.79 0.00	27.46 1.46 0.00	21.22 1.01 0.00	23.06 1.08 0.00	27.59 1.35 0.00	30.56 1.64 0.00	43.10 1.84 -13.78	38.70 1.97 -7.51	44.34 2.14 -9.04	43.61 2.93 0.00	45.68 3.01 0.00	46.24 2.90 0.00	49.02 2.80 0.00	62.84 3.92 0.00	55.68 3.95 0.01	52.04 3.88 0.00	49.52 3.84 -0.25	48.52 3.39 0.01	47.52 3.03 0.00	55.99 3.43 0.01	57.16 3.30 -0.04	45.92 2.55 0.00	42.74 2.60 0.00
EAST HAMPTON___GT 23717	34.72 3.89 0.00	33.57 3.34 0.00	28.65 2.65 0.00	22.05 1.85 0.00	24.00 2.02 0.00	28.63 2.39 0.00	31.74 2.81 0.00	44.46 3.07 -13.91	40.08 3.29 -7.58	46.99 3.98 -9.84	63.14 6.13 -16.32	68.40 6.61 -19.12	69.47 6.47 -19.66	76.59 6.04 -24.33	100.62 8.32 -33.39	111.85 5.66 -54.45	245.86 5.21 -192.50	265.68 5.17 -215.08	264.64 4.45 -215.06	48.11 3.62 0.00	57.16 4.59 0.00	66.81 5.03 -7.96	62.85 3.57 -15.91	43.58 3.45 0.00
EAST RIVER___6 23660	32.86 2.04 0.00	31.83 1.59 0.00	27.29 1.29 0.00	21.09 0.88 0.00	22.91 0.93 0.00	27.40 1.16 0.00	30.34 1.42 0.00	42.95 1.68 -13.79	38.58 1.85 -7.52	44.26 2.04 -9.04	43.46 2.78 0.00	45.53 2.86 0.00	46.14 2.81 0.00	48.99 2.77 0.00	62.71 3.80 0.00	55.71 3.98 0.00	52.05 3.90 0.00	49.45 3.77 -0.25	48.55 3.42 0.00	47.48 2.99 0.00	55.88 3.32 0.00	56.98 3.12 -0.03	45.63 2.27 0.00	42.56 2.42 0.00
EAST RIVER___7 23524	32.86 2.04 0.00	31.83 1.59 0.00	27.29 1.29 0.00	21.09 0.88 0.00	22.91 0.93 0.00	27.40 1.16 0.00	30.34 1.42 0.00	42.95 1.68 -13.79	38.58 1.85 -7.52	44.26 2.04 -9.04	43.46 2.78 0.00	45.53 2.86 0.00	46.14 2.81 0.00	48.99 2.77 0.00	62.71 3.80 0.00	55.71 3.98 0.00	52.05 3.90 0.00	49.45 3.77 -0.25	48.55 3.42 0.00	47.48 2.99 0.00	55.88 3.32 0.00	56.98 3.12 -0.03	45.63 2.27 0.00	42.56 2.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.71 1.88 0.00	31.73 1.49 0.00	27.21 1.21 0.00	21.04 0.83 0.00	22.85 0.88 0.00	27.33 1.09 0.00	30.23 1.31 0.00	43.68 1.49 -14.71	38.82 1.59 -8.02	44.56 1.74 -9.64	43.09 2.41 0.00	45.17 2.50 0.00	45.79 2.46 0.00	48.67 2.45 0.00	62.40 3.48 0.00	55.31 3.57 0.00	51.73 3.58 0.00	49.15 3.46 -0.25	48.30 3.17 0.00	47.28 2.78 0.00	55.67 3.11 0.00	56.84 2.98 -0.03	45.53 2.16 0.00	42.34 2.21 0.00
EAST_HAMPTON___DIESEL 23722	34.72 3.90 0.00	33.58 3.34 0.00	28.65 2.65 0.00	22.05 1.85 0.00	24.00 2.03 0.00	28.64 2.40 0.00	31.74 2.82 0.00	44.47 3.08 -13.91	40.10 3.30 -7.58	47.01 4.00 -9.84	63.15 6.15 -16.32	68.43 6.64 -19.12	69.50 6.50 -19.66	76.64 6.09 -24.33	100.68 8.38 -33.39	111.79 5.60 -54.45	245.75 5.10 -192.49	265.58 5.07 -215.08	264.54 4.34 -215.06	48.00 3.51 0.00	57.03 4.46 0.00	66.66 4.88 -7.96	62.72 3.44 -15.91	43.48 3.35 0.00
EAST_POINT___SOLAR 323840	33.34 2.52 0.00	32.62 2.38 0.00	27.95 1.95 0.00	21.66 1.46 0.00	23.62 1.64 0.00	28.31 2.08 0.00	31.25 2.33 0.00	29.46 1.98 0.00	32.01 1.83 -0.97	36.53 1.99 -1.37	42.54 1.86 0.00	44.72 2.05 0.00	45.58 2.25 0.00	48.69 2.47 0.00	62.39 3.48 0.00	55.33 3.59 0.00	51.96 3.80 0.00	50.00 4.07 -0.50	49.23 4.10 0.00	48.61 4.12 0.00	58.09 5.52 0.00	59.61 5.63 -0.15	47.82 4.46 0.00	44.03 3.90 0.00
EAST_PULASKI___ESR 323781	31.15 0.33 0.00	30.37 0.13 0.00	26.01 0.01 0.00	20.08 -0.13 0.00	21.93 -0.04 0.00	26.23 -0.01 0.00	28.96 0.04 0.00	27.44 -0.04 0.00	29.36 0.14 0.00	33.49 0.32 0.00	41.37 0.69 0.00	47.32 0.87 -3.78	49.80 0.83 -5.64	47.72 0.41 -1.09	59.09 0.18 0.00	52.03 0.29 0.00	48.29 0.13 0.00	45.62 0.19 0.00	45.55 0.42 0.00	45.11 0.61 0.00	60.99 1.04 -7.38	63.90 1.13 -8.94	49.89 0.98 -5.55	45.16 0.63 -4.40
EAST_RIVER___1 323558	32.85 2.03 0.00	31.83 1.59 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.90 0.93 0.00	27.40 1.16 0.00	30.34 1.42 0.00	42.94 1.67 -13.79	38.54 1.81 -7.52	44.20 1.99 -9.04	43.37 2.69 0.00	45.43 2.76 0.00	46.03 2.69 0.00	48.87 2.65 0.00	62.61 3.69 0.00	55.58 3.84 0.00	51.94 3.79 0.00	49.36 3.67 -0.25	48.47 3.34 0.00	47.42 2.92 0.00	55.79 3.23 0.00	56.94 3.08 -0.03	45.63 2.27 0.00	42.57 2.43 0.00
EAST_RIVER___2 323559	32.86 2.04 0.00	31.83 1.59 0.00	27.29 1.29 0.00	21.09 0.88 0.00	22.91 0.93 0.00	27.40 1.16 0.00	30.34 1.42 0.00	42.95 1.68 -13.79	38.58 1.85 -7.52	44.26 2.04 -9.04	43.46 2.78 0.00	45.53 2.86 0.00	46.14 2.81 0.00	48.99 2.77 0.00	62.71 3.80 0.00	55.71 3.98 0.00	52.05 3.90 0.00	49.45 3.77 -0.25	48.55 3.42 0.00	47.48 2.99 0.00	55.88 3.32 0.00	56.98 3.12 -0.03	45.63 2.27 0.00	42.56 2.42 0.00
EAST___DELAWARE_HYD 23607	31.72 0.90 0.00	30.82 0.58 0.00	26.43 0.43 0.00	20.44 0.24 0.00	22.22 0.24 0.00	26.56 0.32 0.00	29.36 0.44 0.00	25.29 0.66 2.86	28.22 0.56 1.55	31.11 -0.19 1.87	40.70 0.02 0.00	42.72 0.05 0.00	43.42 0.09 0.00	46.35 0.13 0.00	59.38 0.47 0.00	52.64 0.90 0.00	49.26 1.10 0.00	46.75 1.31 0.00	46.24 1.11 0.00	45.41 0.92 0.00	53.87 1.30 0.00	56.02 2.20 0.00	44.75 1.39 0.00	41.38 1.24 0.00
EIGHT_POINT___WT_PWR 323820	32.80 1.98 0.00	31.91 1.66 0.00	26.75 0.75 0.00	20.52 0.31 0.00	22.15 0.17 0.00	27.07 0.83 0.00	29.69 0.77 0.00	29.30 1.82 0.00	31.73 2.52 0.00	36.27 3.10 0.00	44.85 4.17 0.00	47.53 4.37 -0.49	48.37 4.30 -0.74	50.57 4.20 -0.14	63.65 4.73 0.00	56.43 4.69 0.00	52.02 3.86 0.00	48.77 3.34 0.00	48.72 3.59 0.00	48.13 3.63 0.00	57.61 4.08 -0.96	58.68 3.80 -1.05	47.76 3.67 -0.72	43.78 3.06 -0.57
ELBRIDGE_115KV_TB2 80188	31.26 0.43 0.00	30.50 0.26 0.00	26.09 0.09 0.00	20.24 0.04 0.00	21.99 0.01 0.00	26.34 0.10 0.00	29.07 0.15 0.00	27.75 0.27 0.00	29.58 0.36 0.00	33.64 0.46 0.00	41.54 0.86 0.00	46.08 0.90 -2.51	47.97 0.88 -3.75	47.74 0.79 -0.73	59.92 1.01 0.00	52.87 1.13 0.00	49.09 0.94 0.00	46.27 0.85 0.00	45.98 0.85 0.00	45.45 0.95 0.00	58.61 1.13 -4.91	60.34 0.94 -5.57	47.79 0.73 -3.70	43.58 0.51 -2.93
ELEC_TRO_TEK 24086	33.08 2.26 0.00	32.09 1.85 0.00	27.48 1.48 0.00	21.20 0.99 0.00	23.04 1.06 0.00	27.45 1.21 0.00	30.33 1.41 0.00	42.98 1.59 -13.91	38.40 1.61 -7.58	44.83 1.82 -9.83	60.03 3.03 -16.32	65.01 3.22 -19.12	66.18 3.19 -19.66	73.78 3.23 -24.33	85.66 4.46 -22.29	90.27 4.30 -34.23	84.04 4.35 -31.54	53.78 4.14 -4.20	66.51 3.87 -17.51	47.72 3.22 0.00	56.25 3.68 0.00	65.57 3.79 -7.95	62.13 2.85 -15.91	42.86 2.72 0.00

ELLENBURG_WT_PWR 323604	29.19 -1.63 0.00	28.67 -1.57 0.00	24.85 -1.15 0.00	19.39 -0.82 0.00	21.23 -0.75 0.00	25.47 -0.76 0.00	28.22 -0.70 0.00	27.02 -0.46 0.00	28.81 -0.40 0.00	32.49 -0.69 0.00	39.44 -1.24 0.00	40.80 -1.86 0.01	41.60 -1.74 0.00	44.26 -1.96 0.00	56.06 -2.85 0.00	48.56 -3.18 0.00	45.33 -2.83 0.00	42.81 -2.62 0.00	43.16 -1.96 0.00	42.62 -1.87 0.00	50.30 -2.27 0.00	51.32 -1.51 1.00	42.78 -0.59 0.00	39.73 -0.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.91 2.09 0.00	31.82 1.58 0.00	26.68 0.68 0.00	20.56 0.36 0.00	22.31 0.34 0.00	27.24 1.01 0.00	30.24 1.32 0.00	29.10 1.62 0.00	31.46 2.25 0.00	36.28 3.11 0.00	44.80 4.12 0.00	47.07 4.40 0.00	47.73 4.39 0.00	50.31 4.09 0.00	63.29 4.38 0.00	56.15 4.41 0.00	51.76 3.60 0.00	48.39 2.95 0.00	48.08 2.95 0.00	47.55 3.06 0.00	55.94 3.37 0.00	56.77 2.94 0.00	46.58 3.21 0.00	42.88 2.75 0.00
EMPIRE_CC_1 323656	32.34 1.52 0.00	31.58 1.33 0.00	27.17 1.17 0.00	21.06 0.85 0.00	22.86 0.88 0.00	27.28 1.05 0.00	29.94 1.02 0.00	31.46 1.01 -2.97	31.89 1.05 -1.63	36.23 1.10 -1.96	41.92 1.24 0.00	43.80 1.14 0.00	44.22 0.88 0.00	46.93 0.71 0.00	60.01 1.10 0.00	52.89 1.15 0.00	49.53 1.37 0.00	48.29 1.32 -1.54	46.30 1.17 0.00	45.59 1.10 0.00	53.94 1.37 0.00	55.73 1.36 -0.54	44.34 0.98 0.00	41.28 1.14 0.00
EMPIRE_CC_2 323658	32.34 1.52 0.00	31.58 1.33 0.00	27.17 1.17 0.00	21.06 0.85 0.00	22.86 0.88 0.00	27.28 1.05 0.00	29.94 1.02 0.00	31.46 1.01 -2.97	31.89 1.05 -1.63	36.23 1.10 -1.96	41.92 1.24 0.00	43.80 1.14 0.00	44.22 0.88 0.00	46.93 0.71 0.00	60.01 1.10 0.00	52.89 1.15 0.00	49.53 1.37 0.00	48.29 1.32 -1.54	46.30 1.17 0.00	45.59 1.10 0.00	53.94 1.37 0.00	55.73 1.36 -0.54	44.34 0.98 0.00	41.28 1.14 0.00
ENORWICH_115KV_TB1 80156	33.82 3.00 0.00	33.10 2.85 0.00	28.26 2.26 0.00	21.99 1.79 0.00	23.93 1.95 0.00	28.85 2.61 0.00	31.96 3.04 0.00	30.59 3.11 0.00	32.39 3.17 0.00	37.04 3.86 0.00	45.93 5.25 0.00	49.06 5.45 -0.94	50.21 5.48 -1.40	52.46 5.97 -0.27	66.87 7.96 0.00	59.51 7.77 0.00	54.90 6.75 0.00	51.34 5.91 0.00	50.75 5.61 0.00	50.11 5.62 0.00	61.07 6.70 -1.80	62.58 6.79 -1.97	50.11 5.39 -1.36	45.75 4.53 -1.07
ERIE_ST__34_KV_TB1-2 80199	33.47 2.65 0.00	32.32 2.08 0.00	27.11 1.11 0.00	20.89 0.69 0.00	22.67 0.70 0.00	27.65 1.42 0.00	30.70 1.79 0.00	29.57 2.08 0.00	31.98 2.77 0.00	36.90 3.72 0.00	45.60 4.92 0.00	47.97 5.30 0.00	48.63 5.30 0.00	51.36 5.14 0.00	64.71 5.80 0.00	57.46 5.73 0.00	52.97 4.81 0.00	49.53 4.10 0.00	49.22 4.09 0.00	48.61 4.12 0.00	57.11 4.54 0.00	57.97 4.15 0.00	47.45 4.09 0.00	43.59 3.45 0.00
ERIE_WT_PWR 323693	33.14 2.32 0.00	32.04 1.80 0.00	26.86 0.86 0.00	20.69 0.48 0.00	22.44 0.46 0.00	27.41 1.17 0.00	30.43 1.51 0.00	29.33 1.85 0.00	29.76 2.46 1.91	35.00 3.35 1.53	45.18 4.50 0.00	47.53 4.86 0.00	48.16 4.83 0.00	50.77 4.55 0.00	63.94 5.03 0.00	56.72 4.98 0.00	52.28 4.12 0.00	48.76 3.33 0.00	48.58 3.45 0.00	48.03 3.54 0.00	56.46 3.89 0.00	57.35 3.52 0.00	47.02 3.65 0.00	43.24 3.10 0.00
ESPRGFLD_115KV_TB1 80157	32.57 1.74 0.00	31.90 1.66 0.00	27.36 1.35 0.00	21.23 1.02 0.00	23.13 1.15 0.00	27.72 1.48 0.00	30.69 1.77 0.00	29.23 1.74 0.00	31.15 1.93 0.00	35.14 1.96 0.00	43.24 2.56 0.00	45.81 2.71 -0.43	46.70 2.74 -0.63	49.10 2.76 -0.12	62.89 3.98 0.00	55.52 3.78 0.00	51.70 3.54 0.00	49.15 3.38 -0.34	48.56 3.43 0.00	47.97 3.47 0.00	56.67 4.11 0.00	58.03 4.10 -0.10	46.73 3.37 0.00	43.12 2.98 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.35 1.53 0.00	31.51 1.27 0.00	26.91 0.91 0.00	20.87 0.66 0.00	22.68 0.71 0.00	27.23 0.99 0.00	30.09 1.17 0.00	28.78 1.29 0.00	30.61 1.40 0.00	34.80 1.62 0.00	42.93 2.25 0.00	46.31 2.36 -1.28	47.59 2.34 -1.92	49.05 2.46 -0.37	62.19 3.27 0.00	55.11 3.37 0.00	51.00 2.84 0.00	47.87 2.44 0.00	47.58 2.45 0.00	47.15 2.65 0.00	58.27 3.20 -2.50	59.64 3.08 -2.73	47.68 2.43 -1.88	43.62 2.00 -1.49
ETNA____115KV_TB2 80207	32.35 1.53 0.00	31.51 1.27 0.00	26.91 0.91 0.00	20.87 0.66 0.00	22.68 0.71 0.00	27.23 0.99 0.00	30.09 1.17 0.00	28.78 1.29 0.00	30.61 1.40 0.00	34.80 1.62 0.00	42.93 2.25 0.00	46.31 2.36 -1.28	47.59 2.34 -1.92	49.05 2.46 -0.37	62.19 3.27 0.00	55.11 3.37 0.00	51.00 2.84 0.00	47.87 2.44 0.00	47.58 2.45 0.00	47.15 2.65 0.00	58.27 3.20 -2.50	59.64 3.08 -2.73	47.68 2.43 -1.88	43.62 2.00 -1.49
EUCLID__115KV_TB2 356179	31.06 0.23 0.00	30.31 0.07 0.00	25.95 -0.06 0.00	20.13 -0.07 0.00	21.88 -0.10 0.00	26.19 -0.05 0.00	28.89 -0.03 0.00	27.56 0.08 0.00	29.39 0.18 0.00	33.49 0.31 0.00	41.32 0.64 0.00	44.43 0.68 -1.09	45.64 0.69 -1.62	47.09 0.56 -0.31	59.56 0.65 0.00	52.54 0.80 0.00	48.82 0.66 0.00	46.01 0.58 0.00	45.70 0.57 0.00	45.07 0.58 0.00	55.37 0.68 -2.12	56.98 0.56 -2.59	45.37 0.41 -1.59	41.62 0.21 -1.26
E_CANADA_CAP_HY 24051	32.81 1.99 0.00	32.17 1.93 0.00	27.58 1.58 0.00	21.39 1.19 0.00	23.33 1.36 0.00	27.95 1.71 0.00	30.91 2.00 0.00	29.31 1.83 0.00	32.09 1.91 -0.97	37.13 2.58 -1.37	43.60 2.92 0.00	45.90 3.23 0.00	46.66 3.33 0.00	49.66 3.44 0.00	63.03 4.12 0.00	55.27 3.53 0.00	51.56 3.40 0.00	49.21 3.33 -0.44	48.51 3.38 0.00	48.01 3.51 0.00	56.97 4.40 0.00	58.52 4.57 -0.13	47.13 3.77 0.00	43.49 3.35 0.00
E_CANADA_MHWK_HY 24050	32.40 1.58 0.00	31.58 1.33 0.00	27.09 1.08 0.00	20.98 0.77 0.00	22.75 0.77 0.00	27.14 0.91 0.00	29.82 0.90 0.00	28.41 0.93 0.00	30.08 0.87 0.00	33.86 0.69 0.00	41.30 0.62 0.00	43.34 0.67 0.00	44.08 0.74 0.00	47.00 0.77 0.00	60.34 1.43 0.00	53.72 1.98 0.00	50.32 2.16 0.00	47.28 1.85 0.00	46.47 1.34 0.00	45.95 1.46 0.00	54.70 2.13 0.00	56.42 2.38 -0.21	45.01 1.64 0.00	41.54 1.40 0.00
E_FISHKILL__LBMP 23776	32.50 1.68 0.00	31.59 1.34 0.00	27.10 1.11 0.00	20.97 0.76 0.00	22.78 0.80 0.00	27.22 0.99 0.00	30.08 1.16 0.00	33.60 1.31 -4.81	33.22 1.38 -2.62	37.82 1.49 -3.15	42.73 2.05 0.00	44.77 2.10 0.00	45.40 2.07 0.00	48.28 2.06 0.00	61.88 2.96 0.00	54.84 3.10 0.00	51.28 3.12 0.00	48.70 3.00 -0.26	47.87 2.74 0.00	46.91 2.42 0.00	55.28 2.71 0.00	56.49 2.63 -0.03	45.25 1.89 0.00	42.05 1.91 0.00
FALCON____SEABRD_CC1 323796	29.59 -1.23 0.00	29.00 -1.24 0.00	25.18 -0.82 0.00	19.61 -0.60 0.00	21.47 -0.51 0.00	25.79 -0.44 0.00	28.59 -0.33 0.00	27.39 -0.10 0.00	29.25 0.04 0.00	32.93 -0.25 0.00	39.90 -0.77 0.00	40.95 -1.72 0.01	41.52 -1.81 0.00	43.94 -2.28 0.00	55.64 -3.27 0.00	48.12 -3.61 0.00	44.92 -3.24 0.00	42.39 -3.04 0.00	42.70 -2.43 0.00	42.16 -2.33 0.00	49.88 -2.69 0.00	51.28 -1.52 1.03	43.22 -0.14 0.00	40.25 0.11 0.00

FALCON___SEABRD_CC2 323797	29.59 -1.23 0.00	29.00 -1.24 0.00	25.18 -0.82 0.00	19.61 -0.60 0.00	21.47 -0.51 0.00	25.79 -0.44 0.00	28.59 -0.33 0.00	27.39 -0.10 0.00	29.25 0.04 0.00	32.93 -0.25 0.00	39.90 -0.77 0.00	40.95 -1.72 0.01	41.52 -1.81 0.00	43.94 -2.28 0.00	55.64 -3.27 0.00	48.12 -3.61 0.00	44.92 -3.24 0.00	42.39 -3.04 0.00	42.70 -2.43 0.00	42.16 -2.33 0.00	49.88 -2.69 0.00	51.28 -1.52 1.03	43.22 -0.14 0.00	40.25 0.11 0.00
FAR ROCKAWAY___4 23548	33.59 2.77 0.00	32.56 2.32 0.00	27.86 1.85 0.00	21.48 1.27 0.00	23.34 1.36 0.00	27.79 1.56 0.00	30.72 1.80 0.00	43.36 1.97 -13.91	38.84 2.05 -7.58	45.39 2.39 -9.83	60.48 3.48 -16.32	65.61 3.83 -19.12	66.71 3.71 -19.66	74.34 3.79 -24.33	86.34 5.14 -22.29	88.05 4.91 -31.39	79.90 4.88 -26.87	53.72 4.66 -3.63	67.05 4.41 -17.51	48.22 3.72 0.00	56.79 4.23 0.00	66.16 4.38 -7.95	62.60 3.33 -15.91	43.29 3.15 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.86 2.04 0.00	31.84 1.60 0.00	27.29 1.29 0.00	21.10 0.89 0.00	22.92 0.94 0.00	27.41 1.17 0.00	30.36 1.44 0.00	42.96 1.69 -13.79	38.56 1.83 -7.51	44.21 2.00 -9.04	43.39 2.72 0.00	45.44 2.77 0.00	46.04 2.71 0.00	48.87 2.65 0.00	62.64 3.72 0.00	55.59 3.85 0.00	51.95 3.79 0.00	49.34 3.66 -0.25	48.47 3.34 0.00	47.43 2.94 0.00	55.82 3.25 0.00	56.96 3.11 -0.03	45.66 2.30 0.00	42.59 2.46 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.88 2.06 0.00	31.86 1.62 0.00	27.30 1.30 0.00	21.11 0.90 0.00	22.92 0.95 0.00	27.42 1.18 0.00	30.37 1.45 0.00	42.96 1.69 -13.79	38.56 1.84 -7.51	44.21 2.00 -9.04	43.39 2.72 0.00	45.45 2.78 0.00	46.05 2.71 0.00	48.89 2.67 0.00	62.65 3.73 0.00	55.60 3.86 0.00	51.95 3.80 0.00	49.36 3.68 -0.25	48.49 3.36 0.00	47.45 2.95 0.00	55.84 3.27 0.00	56.98 3.13 -0.03	45.69 2.32 0.00	42.62 2.48 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.84 2.02 0.00	31.83 1.58 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.90 0.93 0.00	27.40 1.16 0.00	30.34 1.42 0.00	42.95 1.67 -13.79	38.54 1.81 -7.51	44.18 1.97 -9.04	43.36 2.68 0.00	45.41 2.74 0.00	46.00 2.67 0.00	48.84 2.62 0.00	62.59 3.68 0.00	55.55 3.81 0.00	51.90 3.74 0.00	49.32 3.63 -0.25	48.43 3.30 0.00	47.38 2.89 0.00	55.78 3.21 0.00	56.92 3.06 -0.03	45.63 2.26 0.00	42.57 2.43 0.00
FARRAGUT___LBMP 323566	32.82 2.00 0.00	31.80 1.56 0.00	27.26 1.26 0.00	21.07 0.87 0.00	22.89 0.91 0.00	27.37 1.14 0.00	30.31 1.39 0.00	42.91 1.64 -13.79	38.50 1.77 -7.51	44.14 1.93 -9.04	43.31 2.63 0.00	45.34 2.67 0.00	45.95 2.62 0.00	48.76 2.54 0.00	62.48 3.57 0.00	55.46 3.72 0.00	51.83 3.67 0.00	49.23 3.55 -0.25	48.37 3.25 0.00	47.33 2.84 0.00	55.72 3.15 0.00	56.86 3.01 -0.03	45.58 2.22 0.00	42.53 2.39 0.00
FENNER___WINDPWR 24204	32.22 1.40 0.00	31.43 1.19 0.00	26.90 0.90 0.00	20.84 0.64 0.00	22.72 0.74 0.00	27.20 0.97 0.00	30.04 1.12 0.00	28.56 1.08 0.00	30.45 1.24 0.00	34.62 1.44 0.00	42.61 1.93 0.00	45.58 1.93 -0.97	46.69 1.91 -1.45	48.47 1.96 -0.28	61.36 2.45 0.00	54.06 2.32 0.00	50.22 2.06 0.00	47.33 1.90 0.00	47.06 1.94 0.00	46.61 2.11 0.00	57.05 2.59 -1.89	58.87 2.60 -2.45	46.98 2.20 -1.42	43.06 1.80 -1.13
FIBERTEK___ENERGY 23856	31.38 0.55 0.00	30.68 0.43 0.00	26.23 0.22 0.00	20.36 0.15 0.00	22.12 0.14 0.00	26.46 0.22 0.00	29.21 0.29 0.00	27.84 0.35 0.00	29.64 0.43 0.00	33.65 0.48 0.00	41.56 0.88 0.00	45.94 0.90 -2.37	47.79 0.91 -3.54	47.74 0.83 -0.68	59.96 1.05 0.00	52.92 1.18 0.00	49.16 1.00 0.00	46.37 0.94 0.00	46.08 0.95 0.00	45.47 0.98 0.00	58.35 1.14 -4.64	60.11 0.99 -5.30	47.57 0.71 -3.49	43.39 0.48 -2.76
FITZPATRICK____ 23598	30.36 -0.46 0.00	29.68 -0.56 0.00	25.43 -0.57 0.00	19.76 -0.45 0.00	21.47 -0.50 0.00	25.67 -0.56 0.00	28.31 -0.61 0.00	26.98 -0.50 0.00	28.75 -0.46 0.00	32.72 -0.46 0.00	40.29 -0.39 0.00	29.14 -0.38 13.15	23.28 -0.40 19.66	41.85 -0.58 3.80	58.10 -0.81 0.00	51.19 -0.55 0.00	47.59 -0.57 0.00	44.87 -0.57 0.00	44.57 -0.56 0.00	43.97 -0.52 0.00	26.27 -0.57 25.72	25.01 -0.73 28.09	23.45 -0.55 19.37	24.19 -0.62 15.33
FLOWRFLD_69_KV_BK1 356044	33.50 2.68 0.00	32.44 2.20 0.00	27.74 1.74 0.00	21.35 1.15 0.00	23.23 1.26 0.00	27.68 1.44 0.00	30.58 1.66 0.00	43.26 1.87 -13.91	38.68 1.88 -7.58	45.21 2.20 -9.84	60.79 3.79 -16.32	65.78 3.99 -19.12	66.70 3.71 -19.66	74.26 3.71 -24.33	101.24 5.20 -37.13	120.85 4.79 -64.33	306.67 4.99 -253.52	337.00 4.76 -286.81	331.30 4.50 -281.67	48.19 3.70 0.00	56.89 4.32 0.00	66.26 4.48 -7.95	62.60 3.32 -15.91	43.48 3.34 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.92 2.10 0.00	31.96 1.72 0.00	27.39 1.39 0.00	21.18 0.97 0.00	23.01 1.04 0.00	27.50 1.27 0.00	30.43 1.51 0.00	29.16 1.68 0.00	31.04 1.83 0.00	35.32 2.14 0.00	43.65 2.97 0.00	45.85 3.18 0.00	46.55 3.22 0.00	49.57 3.35 0.00	63.57 4.66 0.00	56.37 4.63 0.00	52.72 4.56 0.00	50.04 4.41 -0.20	49.27 4.15 0.00	48.28 3.78 0.00	56.81 4.24 0.00	57.92 4.09 0.00	46.33 2.96 0.00	42.91 2.78 0.00
FORT ORANGE____ 23900	32.30 1.47 0.00	31.58 1.34 0.00	27.20 1.20 0.00	21.09 0.88 0.00	22.89 0.91 0.00	27.30 1.07 0.00	29.89 0.97 0.00	30.48 0.79 -2.21	31.20 0.76 -1.22	35.42 0.77 -1.48	41.39 0.71 0.00	43.13 0.46 0.00	43.63 0.30 0.00	46.38 0.15 0.00	59.51 0.59 0.00	52.61 0.87 0.00	49.19 1.03 0.00	41.93 1.04 4.54	46.09 0.96 0.00	45.33 0.83 0.00	53.57 1.00 0.00	53.84 1.01 1.00	44.09 0.73 0.00	41.06 0.92 0.00
FORT_DRUM_COGEN 23780	32.19 1.37 0.00	31.29 1.05 0.00	26.78 0.78 0.00	20.40 0.19 0.00	22.63 0.66 0.00	27.05 0.81 0.00	29.93 1.01 0.00	27.82 0.34 0.00	30.13 0.92 0.00	34.63 1.46 0.00	42.88 2.20 0.00	47.22 2.65 -1.91	48.66 2.50 -2.83	48.34 1.57 -0.55	59.90 0.99 0.00	52.52 0.78 0.00	48.76 0.60 0.00	46.21 0.78 0.00	46.62 1.49 0.00	46.64 2.15 0.00	59.71 3.44 -3.70	64.69 4.12 -6.74	49.64 3.49 -2.78	45.06 2.71 -2.20
FOX_HILLS___ESR 323835	32.81 1.98 0.00	31.77 1.53 0.00	27.21 1.21 0.00	21.02 0.81 0.00	22.80 0.82 0.00	27.28 1.05 0.00	30.10 1.31 0.13	34.22 1.56 -5.19	38.35 1.71 -7.42	43.61 1.82 -8.61	43.12 2.51 0.07	44.05 2.56 1.18	45.40 2.36 0.29	48.27 2.05 0.00	57.59 3.03 4.36	55.05 3.32 0.01	51.56 3.40 0.00	49.03 3.34 -0.25	48.10 2.98 0.01	47.12 2.63 0.00	61.09 3.10 -5.42	69.33 2.93 -12.57	50.28 2.31 -4.61	42.63 2.49 -0.01
FPL FAR_ROCK_GT1 24212	33.59 2.77 0.00	32.56 2.32 0.00	27.86 1.85 0.00	21.48 1.27 0.00	23.34 1.36 0.00	27.79 1.56 0.00	30.72 1.80 0.00	43.36 1.97 -13.91	38.85 2.05 -7.58	45.40 2.39 -9.83	60.47 3.47 -16.32	65.61 3.82 -19.12	66.70 3.71 -19.66	74.34 3.79 -24.33	86.33 5.13 -22.29	88.05 4.91 -31.39	79.89 4.86 -26.87	53.73 4.67 -3.63	67.05 4.41 -17.51	48.22 3.72 0.00	56.79 4.23 0.00	66.16 4.38 -7.96	62.60 3.33 -15.91	43.29 3.15 0.00

FPL FAR_ROCK_GT2 23815	33.59 2.77 0.00	32.56 2.32 0.00	27.86 1.85 0.00	21.48 1.27 0.00	23.34 1.36 0.00	27.79 1.56 0.00	30.72 1.80 0.00	43.36 1.97 -13.91	38.85 2.05 -7.58	45.40 2.39 -9.83	60.47 3.47 -16.32	65.61 3.82 -19.12	66.70 3.71 -19.66	74.34 3.79 -24.33	86.33 5.13 -22.29	88.05 4.91 -31.39	79.89 4.86 -26.87	53.73 4.67 -3.63	67.05 4.41 -17.51	48.22 3.72 0.00	56.79 4.23 0.00	66.16 4.38 -7.96	62.60 3.33 -15.91	43.29 3.15 0.00
FRANKLIN_FALL_HYD 24054	29.59 -1.24 0.00	29.11 -1.14 0.00	25.17 -0.83 0.00	19.61 -0.60 0.00	21.46 -0.52 0.00	25.75 -0.49 0.00	28.54 -0.37 0.00	27.23 -0.26 0.00	28.89 -0.32 0.00	32.67 -0.50 0.00	39.69 -0.98 0.00	41.20 -1.46 0.01	41.97 -1.36 0.00	44.88 -1.34 0.00	56.79 -2.12 0.00	49.21 -2.53 0.00	45.88 -2.28 0.00	43.36 -2.07 0.00	43.73 -1.40 0.00	43.25 -1.25 0.00	51.11 -1.45 0.00	51.24 -0.79 1.80	43.23 -0.14 0.00	40.04 -0.10 0.00
FREEPORT_EQUS_GT1 23764	33.30 2.48 0.00	32.29 2.05 0.00	27.64 1.64 0.00	21.30 1.10 0.00	23.16 1.18 0.00	27.58 1.34 0.00	30.47 1.55 0.00	43.12 1.72 -13.91	38.52 1.73 -7.58	44.90 1.89 -9.83	60.08 3.07 -16.32	65.11 3.32 -19.12	66.31 3.32 -19.66	73.92 3.37 -24.33	85.85 4.65 -22.29	89.02 4.47 -32.81	81.21 4.48 -28.58	53.66 4.34 -3.90	66.71 4.07 -17.51	47.88 3.39 0.00	56.46 3.89 0.00	65.97 4.19 -7.96	62.43 3.15 -15.91	43.09 2.96 0.00
FREEPORT___CT2 23818	33.30 2.48 0.00	32.29 2.05 0.00	27.64 1.64 0.00	21.30 1.10 0.00	23.16 1.18 0.00	27.58 1.34 0.00	30.47 1.55 0.00	43.12 1.72 -13.91	38.52 1.73 -7.58	44.90 1.89 -9.83	60.08 3.07 -16.32	65.11 3.32 -19.12	66.31 3.32 -19.66	73.92 3.37 -24.33	85.85 4.65 -22.29	89.02 4.47 -32.81	81.21 4.48 -28.58	53.66 4.34 -3.90	66.71 4.07 -17.51	47.88 3.39 0.00	56.46 3.89 0.00	65.97 4.19 -7.96	62.43 3.15 -15.91	43.09 2.96 0.00
FRESHKLS_33_KV_LOAD 356253	32.73 1.91 0.00	31.71 1.47 0.00	27.16 1.16 0.00	20.97 0.76 0.00	22.74 0.76 0.00	27.21 0.97 0.00	30.01 1.22 0.13	34.12 1.46 -5.19	38.23 1.60 -7.42	41.88 1.69 -7.01	42.98 2.38 0.07	43.66 2.40 1.41	45.15 2.20 0.38	47.73 1.91 0.40	57.44 2.89 4.36	54.97 3.24 0.01	51.56 3.40 0.00	49.02 3.33 -0.25	48.10 2.98 0.01	47.15 2.66 0.00	61.25 3.26 -5.42	69.43 3.03 -12.57	50.32 2.35 -4.61	42.65 2.50 -0.01
FULTON COGEN____ 23766	30.92 0.09 0.00	30.19 -0.05 0.00	25.85 -0.15 0.00	20.05 -0.15 0.00	21.79 -0.18 0.00	26.08 -0.16 0.00	28.77 -0.15 0.00	27.44 -0.04 0.00	29.25 0.03 0.00	33.29 0.11 0.00	40.91 0.23 0.00	47.42 0.46 -4.29	50.27 0.52 -6.41	47.78 0.31 -1.24	59.19 0.28 0.00	52.20 0.46 0.00	48.52 0.36 0.00	45.77 0.34 0.00	45.49 0.36 0.00	44.91 0.41 0.00	61.51 0.56 -8.38	63.42 0.11 -9.49	49.93 0.26 -6.31	45.23 0.09 -5.00
FULTON___LFGE 323630	34.69 3.87 0.00	33.96 3.72 0.00	29.02 3.02 0.00	22.45 2.24 0.00	24.41 2.43 0.00	29.29 3.05 0.00	32.16 3.24 0.00	30.36 2.88 0.00	32.80 2.61 -0.97	38.02 3.48 -1.37	42.57 1.89 0.00	44.59 1.92 0.00	45.95 2.62 0.00	48.25 2.03 0.00	61.91 3.00 0.00	56.91 5.17 0.00	55.75 7.59 0.00	51.98 6.03 -0.52	50.93 5.80 0.00	51.68 7.19 0.00	61.27 8.70 0.00	62.27 8.29 -0.15	49.48 6.12 0.00	45.44 5.30 0.00
G.F.CEMENT___DRP 24184	33.69 2.87 0.00	32.68 2.44 0.00	28.10 2.09 0.00	21.75 1.55 0.00	23.64 1.66 0.00	28.35 2.11 0.00	31.23 2.31 0.00	31.87 2.25 -2.13	32.86 2.45 -1.20	37.23 2.61 -1.45	43.82 3.15 0.00	46.05 3.39 0.00	46.93 3.60 0.00	50.06 3.84 0.00	64.16 5.25 0.00	56.51 4.77 0.00	52.62 4.46 0.00	50.54 3.98 -1.13	48.83 3.70 0.00	48.46 3.97 0.00	57.42 4.85 0.00	58.89 4.75 -0.31	46.99 3.63 0.00	43.29 3.15 0.00
GARDENVILLE___LBMP 24039	33.01 2.19 0.00	31.91 1.67 0.00	26.76 0.76 0.00	20.61 0.40 0.00	22.36 0.38 0.00	27.32 1.08 0.00	30.33 1.41 0.00	29.21 1.72 0.00	31.56 2.35 0.00	36.39 3.21 0.00	44.94 4.26 0.00	47.23 4.56 0.00	47.87 4.54 0.00	50.50 4.27 0.00	63.55 4.64 0.00	56.40 4.66 0.00	51.96 3.81 0.00	48.60 3.17 0.00	48.29 3.16 0.00	47.75 3.26 0.00	56.17 3.60 0.00	57.03 3.21 0.00	46.77 3.41 0.00	43.03 2.90 0.00
GARDNVLA_35_KV_LD 355827	33.22 2.40 0.00	32.10 1.86 0.00	26.91 0.91 0.00	20.73 0.53 0.00	22.48 0.51 0.00	27.46 1.22 0.00	30.48 1.56 0.00	29.36 1.88 0.00	31.75 2.54 0.00	36.63 3.46 0.00	45.29 4.61 0.00	47.63 4.96 0.00	48.29 4.96 0.00	50.98 4.76 0.00	64.17 5.25 0.00	56.94 5.20 0.00	52.47 4.31 0.00	49.06 3.63 0.00	48.75 3.62 0.00	48.19 3.69 0.00	56.65 4.08 0.00	57.50 3.67 0.00	47.13 3.76 0.00	43.32 3.18 0.00
GELCKHM___115KV_LOAD 80723	31.16 0.34 0.00	30.44 0.20 0.00	26.04 0.04 0.00	20.22 0.01 0.00	21.96 -0.01 0.00	26.28 0.04 0.00	29.00 0.08 0.00	27.66 0.17 0.00	29.48 0.26 0.00	33.53 0.36 0.00	41.44 0.76 0.00	44.95 0.74 -1.54	46.39 0.75 -2.31	47.31 0.64 -0.45	59.69 0.77 0.00	52.67 0.93 0.00	48.92 0.76 0.00	46.14 0.70 0.00	45.82 0.70 0.00	45.21 0.71 0.00	56.42 0.83 -3.01	58.13 0.76 -3.55	46.14 0.51 -2.27	42.23 0.30 -1.79
GENERAL___MILLS 23808	33.12 2.30 0.00	32.02 1.78 0.00	26.84 0.84 0.00	20.68 0.47 0.00	22.43 0.45 0.00	27.39 1.16 0.00	30.42 1.50 0.00	29.29 1.81 0.00	31.66 2.45 0.00	36.52 3.35 0.00	45.12 4.44 0.00	47.43 4.76 0.00	48.08 4.75 0.00	50.74 4.52 0.00	63.87 4.95 0.00	56.66 4.93 0.00	52.23 4.07 0.00	48.84 3.40 0.00	48.52 3.40 0.00	47.98 3.49 0.00	56.41 3.84 0.00	57.27 3.44 0.00	46.96 3.60 0.00	43.19 3.05 0.00
GE_PLASTICS___DRP 24183	32.02 1.20 0.00	31.31 1.07 0.00	26.98 0.98 0.00	20.92 0.71 0.00	22.71 0.73 0.00	27.10 0.86 0.00	29.75 0.83 0.00	30.44 0.77 -2.19	31.21 0.79 -1.21	35.41 0.77 -1.46	41.34 0.67 0.00	43.02 0.36 0.01	43.50 0.16 0.00	46.26 0.04 0.00	59.27 0.35 0.00	52.32 0.58 0.00	48.80 0.64 0.00	43.26 0.62 2.79	45.65 0.52 0.00	44.92 0.42 0.00	53.13 0.56 0.00	53.77 0.55 0.60	43.80 0.44 0.00	40.89 0.76 0.00
GILBOA___1 23756	31.96 1.14 0.00	31.41 1.16 0.00	27.15 1.15 0.00	21.04 0.83 0.00	22.85 0.88 0.00	27.21 0.97 0.00	29.77 0.84 0.00	28.30 0.82 0.00	30.09 0.88 0.00	34.13 0.96 0.00	41.89 1.21 0.00	43.87 1.20 0.00	44.49 1.15 0.00	47.36 1.14 0.00	60.58 1.66 0.00	53.35 1.61 0.00	49.49 1.34 0.00	46.74 1.31 0.00	46.30 1.17 0.00	45.68 1.19 0.00	54.10 1.53 0.00	55.38 1.55 0.00	44.50 1.14 0.00	41.26 1.12 0.00
GILBOA___2 23757	31.96 1.14 0.00	31.41 1.16 0.00	27.15 1.15 0.00	21.04 0.83 0.00	22.85 0.88 0.00	27.21 0.97 0.00	29.77 0.84 0.00	28.30 0.82 0.00	30.09 0.88 0.00	34.13 0.96 0.00	41.89 1.21 0.00	43.87 1.20 0.00	44.49 1.15 0.00	47.36 1.14 0.00	60.58 1.66 0.00	53.35 1.61 0.00	49.49 1.34 0.00	46.74 1.31 0.00	46.30 1.17 0.00	45.68 1.19 0.00	54.10 1.53 0.00	55.38 1.55 0.00	44.50 1.14 0.00	41.26 1.12 0.00

GILBOA___3 23758	31.96 1.14 0.00	31.41 1.16 0.00	27.15 1.15 0.00	21.04 0.83 0.00	22.85 0.88 0.00	27.21 0.97 0.00	29.77 0.84 0.00	28.30 0.82 0.00	30.09 0.88 0.00	34.13 0.96 0.00	41.89 1.21 0.00	43.87 1.20 0.00	44.49 1.15 0.00	47.36 1.14 0.00	60.58 1.66 0.00	53.35 1.61 0.00	49.49 1.34 0.00	46.74 1.31 0.00	46.30 1.17 0.00	45.68 1.19 0.00	54.10 1.53 0.00	55.38 1.55 0.00	44.50 1.14 0.00	41.26 1.12 0.00
GILBOA___4 23759	31.96 1.14 0.00	31.41 1.16 0.00	27.15 1.15 0.00	21.04 0.83 0.00	22.85 0.88 0.00	27.21 0.97 0.00	29.77 0.84 0.00	28.30 0.82 0.00	30.09 0.88 0.00	34.13 0.96 0.00	41.89 1.21 0.00	43.87 1.20 0.00	44.49 1.15 0.00	47.36 1.14 0.00	60.58 1.66 0.00	53.35 1.61 0.00	49.49 1.34 0.00	46.74 1.31 0.00	46.30 1.17 0.00	45.68 1.19 0.00	54.10 1.53 0.00	55.38 1.55 0.00	44.50 1.14 0.00	41.26 1.12 0.00
GILBOA___ 23599	31.96 1.14 0.00	31.41 1.16 0.00	27.15 1.15 0.00	21.04 0.83 0.00	22.85 0.88 0.00	27.21 0.97 0.00	29.76 0.84 0.00	28.30 0.82 0.00	30.09 0.88 0.00	34.13 0.96 0.00	41.89 1.21 0.00	43.87 1.20 0.00	44.49 1.16 0.00	47.36 1.14 0.00	60.58 1.66 0.00	53.35 1.62 0.00	49.50 1.34 0.00	46.72 1.28 0.00	46.30 1.18 0.00	45.68 1.19 0.00	54.11 1.54 0.00	55.38 1.56 0.00	44.50 1.13 0.00	41.26 1.13 0.00
GINNA___ 23603	31.11 0.29 0.00	30.16 -0.08 0.00	25.52 -0.49 0.00	19.73 -0.48 0.00	21.41 -0.56 0.00	25.87 -0.36 0.00	28.68 -0.24 0.00	27.48 0.00 0.00	28.84 0.32 0.70	33.31 0.69 0.56	41.81 1.13 0.00	43.97 1.30 0.00	44.66 1.33 0.00	47.38 1.16 0.00	59.92 1.01 0.00	52.95 1.21 0.00	49.18 1.02 0.00	46.24 0.81 0.00	46.03 0.90 0.00	45.47 0.97 0.00	53.43 0.86 0.00	54.20 0.38 0.00	43.87 0.51 0.00	40.33 0.19 0.00
GLEN PARK___ 23778	32.46 1.64 0.00	31.55 1.30 0.00	26.98 0.98 0.00	20.56 0.36 0.00	22.79 0.81 0.00	27.25 1.02 0.00	30.16 1.24 0.00	28.02 0.54 0.00	30.32 1.11 0.00	34.84 1.66 0.00	43.16 2.48 0.00	47.71 3.03 -2.01	49.22 2.91 -2.97	48.71 1.92 -0.57	60.23 1.32 0.00	52.82 1.08 0.00	49.06 0.90 0.00	46.60 1.17 0.00	47.09 1.96 0.00	47.08 2.58 0.00	60.44 3.98 -3.89	65.31 4.67 -6.81	50.18 3.89 -2.93	45.49 3.04 -2.32
GLENDALE_27_KV_LOAD 356172	33.03 2.20 0.00	31.98 1.74 0.00	27.39 1.39 0.00	21.17 0.96 0.00	22.99 1.01 0.00	27.51 1.27 0.00	30.50 1.58 0.00	43.09 1.83 -13.78	38.73 2.01 -7.51	44.36 2.15 -9.04	43.59 2.91 0.00	45.65 2.98 0.00	46.17 2.84 0.00	48.89 2.67 0.00	58.27 3.71 4.36	55.59 3.86 0.01	51.95 3.80 0.00	49.41 3.72 -0.25	48.47 3.34 0.01	47.43 2.94 0.00	53.29 3.25 2.52	47.88 3.12 9.06	44.16 2.41 1.61	42.75 2.61 0.00
GLENWOOD_IC_1_G5 23712	33.09 2.27 0.00	32.30 2.05 0.00	27.65 1.65 0.00	21.31 1.11 0.00	23.17 1.19 0.00	27.61 1.37 0.00	30.52 1.60 0.00	43.16 1.77 -13.91	38.41 1.61 -7.58	44.87 1.86 -9.83	60.16 3.15 -16.32	65.20 3.41 -19.12	66.43 3.43 -19.66	74.08 3.54 -24.33	86.09 4.89 -22.29	103.42 4.71 -46.96	111.10 4.74 -58.21	56.70 4.47 -6.79	66.82 4.18 -17.51	47.99 3.49 0.00	56.46 3.89 0.00	65.77 4.00 -7.95	62.23 2.95 -15.91	42.88 2.74 0.00
GLENWOOD_IC_2_G1 23688	33.18 2.36 0.00	32.21 1.97 0.00	27.58 1.58 0.00	21.27 1.06 0.00	23.12 1.14 0.00	27.55 1.32 0.00	30.45 1.53 0.00	43.10 1.71 -13.91	38.49 1.70 -7.58	44.97 1.96 -9.83	60.21 3.20 -16.32	65.22 3.43 -19.12	66.42 3.43 -19.66	74.06 3.51 -24.33	86.04 4.83 -22.29	124.44 4.66 -68.04	155.16 4.66 -102.34	60.98 4.45 -11.10	66.80 4.16 -17.51	47.99 3.50 0.00	56.51 3.94 0.00	65.84 4.06 -7.96	62.29 3.01 -15.91	42.98 2.85 0.00
GLENWOOD_IC_3_G1 23689	33.18 2.36 0.00	32.21 1.97 0.00	27.58 1.58 0.00	21.27 1.06 0.00	23.12 1.14 0.00	27.55 1.32 0.00	30.45 1.53 0.00	43.10 1.71 -13.91	38.49 1.70 -7.58	44.97 1.96 -9.83	60.21 3.20 -16.32	65.22 3.43 -19.12	66.42 3.43 -19.66	74.06 3.51 -24.33	86.04 4.83 -22.29	124.44 4.66 -68.04	155.16 4.66 -102.34	60.98 4.45 -11.10	66.80 4.16 -17.51	47.99 3.50 0.00	56.51 3.94 0.00	65.84 4.06 -7.96	62.29 3.01 -15.91	42.98 2.85 0.00
GLENWOOD___4 23550	33.17 2.35 0.00	32.30 2.05 0.00	27.65 1.65 0.00	21.31 1.11 0.00	23.17 1.19 0.00	27.61 1.37 0.00	30.52 1.60 0.00	43.17 1.77 -13.91	38.48 1.69 -7.58	44.97 1.96 -9.83	60.26 3.26 -16.32	65.33 3.54 -19.12	66.54 3.55 -19.66	74.22 3.67 -24.33	86.24 5.04 -22.29	103.56 4.85 -46.96	111.22 4.85 -58.21	56.82 4.59 -6.79	66.93 4.29 -17.51	48.09 3.60 0.00	56.60 4.03 0.00	65.91 4.13 -7.95	62.34 3.07 -15.91	42.99 2.85 0.00
GLENWOOD___5 23614	33.17 2.35 0.00	32.30 2.05 0.00	27.65 1.65 0.00	21.31 1.11 0.00	23.17 1.19 0.00	27.61 1.37 0.00	30.52 1.60 0.00	43.17 1.77 -13.91	38.48 1.69 -7.58	44.97 1.96 -9.83	60.26 3.26 -16.32	65.33 3.54 -19.12	66.54 3.55 -19.66	74.22 3.67 -24.33	86.24 5.04 -22.29	103.56 4.85 -46.96	111.22 4.85 -58.21	56.82 4.59 -6.79	66.93 4.29 -17.51	48.09 3.60 0.00	56.60 4.03 0.00	65.91 4.13 -7.95	62.34 3.07 -15.91	42.99 2.85 0.00
GLOBAL GREEN_PORT_GT1 23814	34.62 3.80 0.00	33.47 3.23 0.00	28.57 2.57 0.00	21.99 1.78 0.00	23.93 1.96 0.00	28.55 2.31 0.00	31.63 2.71 0.00	44.36 2.97 -13.91	39.97 3.18 -7.58	46.86 3.84 -9.84	62.93 5.93 -16.32	68.19 6.40 -19.12	69.27 6.27 -19.66	75.91 5.36 -24.33	99.72 7.41 -33.39	111.55 5.35 -54.46	245.82 5.11 -192.55	265.65 5.08 -215.14	264.71 4.46 -215.12	48.08 3.58 0.00	57.34 4.77 0.00	67.34 5.56 -7.96	63.27 3.99 -15.91	43.94 3.80 0.00
GLOBE___DSASP 323697	32.02 1.19 0.00	31.01 0.77 0.00	25.99 -0.01 0.00	20.05 -0.16 0.00	21.75 -0.23 0.00	26.53 0.30 0.00	29.44 0.52 0.00	28.24 0.76 0.00	30.55 1.34 0.00	35.31 2.13 0.00	43.41 2.73 0.00	45.55 2.87 0.00	46.24 2.91 0.00	48.64 2.41 0.00	60.94 2.03 0.00	54.10 2.36 0.00	49.92 1.76 0.00	46.59 1.16 0.00	46.32 1.19 0.00	45.85 1.36 0.00	54.01 1.44 0.00	54.76 0.94 0.00	45.14 1.78 0.00	41.82 1.68 0.00
GOETHSLN___LBMP 323567	32.65 1.82 0.00	31.63 1.39 0.00	27.11 1.11 0.00	20.96 0.75 0.00	22.77 0.79 0.00	27.22 0.99 0.00	30.00 1.21 0.13	34.13 1.46 -5.18	38.21 1.58 -7.42	41.89 1.70 -7.02	43.01 2.34 0.00	45.05 2.38 0.00	45.64 2.31 0.00	46.83 2.21 1.60	52.58 3.15 9.49	46.34 3.36 8.75	51.49 3.33 0.00	48.73 3.23 -0.07	48.05 2.93 0.01	47.05 2.56 0.00	55.44 2.87 0.00	56.56 2.71 -0.03	45.35 1.99 0.00	42.33 2.19 0.00
GOLAH___69_KV_TB 1_2 80279	33.36 2.54 0.00	32.22 1.98 0.00	27.08 1.08 0.00	20.89 0.68 0.00	22.62 0.65 0.00	27.45 1.21 0.00	30.51 1.59 0.00	29.36 1.88 0.00	31.55 2.34 0.00	36.25 3.07 0.00	44.24 3.56 0.00	46.44 3.77 0.00	47.14 3.81 0.00	49.90 3.68 0.00	62.97 4.06 0.00	55.79 4.05 0.00	51.66 3.50 0.00	48.59 3.16 0.00	48.52 3.39 0.00	48.17 3.68 0.00	56.74 4.18 0.00	57.58 3.75 0.00	46.93 3.56 0.00	43.18 3.04 0.00

GOODYEAR_LAKE_HYD 323669	32.41 1.58 0.00	31.71 1.47 0.00	27.22 1.22 0.00	21.11 0.91 0.00	22.97 0.99 0.00	27.49 1.26 0.00	30.36 1.44 0.00	28.97 1.49 0.00	30.87 1.66 0.00	34.90 1.73 0.00	42.95 2.27 0.00	45.49 2.39 -0.43	46.38 2.41 -0.63	48.77 2.42 -0.12	62.39 3.48 0.00	55.09 3.35 0.00	51.35 3.19 0.00	48.58 2.99 -0.15	48.05 2.92 0.00	47.35 2.86 0.00	55.90 3.33 0.00	57.13 3.26 -0.04	45.96 2.59 0.00	42.43 2.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.98 1.16 0.00	31.10 0.86 0.00	26.58 0.58 0.00	20.60 0.40 0.00	22.40 0.42 0.00	26.93 0.70 0.00	29.72 0.80 0.00	28.53 1.05 0.00	30.52 1.31 0.00	34.72 1.55 0.00	42.92 2.24 0.00	45.88 2.32 -0.90	46.78 2.13 -1.32	48.65 2.17 -0.25	61.65 2.74 0.00	54.53 2.79 0.00	50.34 2.18 0.00	47.39 1.96 0.00	46.90 1.78 0.00	46.31 1.82 0.00	56.35 2.07 -1.72	57.68 1.98 -1.87	46.34 1.68 -1.29	42.56 1.40 -1.02
GOUDEY___7 23579	32.02 1.20 0.00	31.14 0.90 0.00	26.60 0.60 0.00	20.63 0.42 0.00	22.42 0.45 0.00	26.96 0.72 0.00	29.75 0.83 0.00	28.56 1.08 0.00	30.56 1.34 0.00	34.78 1.60 0.00	42.98 2.30 0.00	45.95 2.39 -0.90	46.86 2.21 -1.32	48.73 2.26 -0.25	61.76 2.84 0.00	54.63 2.89 0.00	50.43 2.27 0.00	47.47 2.04 0.00	46.98 1.86 0.00	46.38 1.89 0.00	56.44 2.16 -1.72	57.76 2.06 -1.87	46.40 1.75 -1.29	42.62 1.46 -1.02
GOUDEY___8 23580	31.98 1.16 0.00	31.10 0.86 0.00	26.58 0.58 0.00	20.60 0.40 0.00	22.40 0.42 0.00	26.93 0.70 0.00	29.72 0.80 0.00	28.53 1.05 0.00	30.52 1.31 0.00	34.72 1.55 0.00	42.92 2.24 0.00	45.88 2.32 -0.90	46.78 2.13 -1.32	48.65 2.17 -0.25	61.65 2.74 0.00	54.53 2.79 0.00	50.34 2.18 0.00	47.39 1.96 0.00	46.90 1.78 0.00	46.31 1.82 0.00	56.35 2.07 -1.72	57.68 1.98 -1.87	46.34 1.68 -1.29	42.56 1.40 -1.02
GOWANUS_GT1_1 24077	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT1_2 24078	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT1_3 24079	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT1_4 24080	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT1_5 24084	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT1_6 24111	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT1_7 24112	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT1_8 24113	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT2_1 24114	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT2_2 24115	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT2_3 24116	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01

GOWANUS_GT2_4 24117	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT2_5 24118	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT2_6 24119	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT2_7 24120	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT2_8 24121	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT3_1 24122	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT3_2 24123	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT3_3 24124	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT3_4 24125	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT3_5 24126	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT3_6 24127	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT3_7 24128	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT3_8 24129	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT4_1 24130	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT4_2 24131	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01

GOWANUS_GT4_3 24132	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT4_4 24133	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT4_5 24134	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT4_6 24135	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT4_7 24136	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GOWANUS_GT4_8 24137	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GREENBSH_115KV_TB3 55895	32.07 1.25 0.00	31.34 1.10 0.00	27.01 1.01 0.00	20.95 0.74 0.00	22.73 0.75 0.00	27.12 0.89 0.00	29.75 0.83 0.00	30.51 0.74 -2.28	31.22 0.75 -1.26	35.45 0.75 -1.52	41.44 0.76 0.00	43.26 0.59 0.00	43.77 0.44 0.00	46.55 0.32 0.00	59.62 0.70 0.00	52.63 0.90 0.00	49.18 1.02 0.00	41.57 0.97 4.83	45.94 0.81 0.00	45.20 0.70 0.00	53.46 0.89 0.00	53.66 0.89 1.06	44.02 0.66 0.00	40.95 0.81 0.00
GREENDGE_115KV_TB5 80291	32.67 1.85 0.00	31.66 1.42 0.00	26.80 0.80 0.00	20.71 0.50 0.00	22.47 0.49 0.00	27.20 0.96 0.00	30.14 1.22 0.00	29.03 1.55 0.00	31.14 1.93 0.00	35.38 2.20 0.00	43.69 3.02 0.00	46.44 3.05 -0.72	46.87 2.46 -1.08	49.19 2.76 -0.21	62.94 4.03 0.00	55.34 3.60 0.00	51.19 3.03 0.00	48.29 2.86 0.00	48.26 3.14 0.00	47.82 3.32 0.00	57.69 3.71 -1.41	58.77 3.41 -1.54	47.27 2.84 -1.06	43.25 2.27 -0.84
GREENIDGE___3 23582	32.67 1.85 0.00	31.66 1.42 0.00	26.80 0.80 0.00	20.71 0.50 0.00	22.47 0.49 0.00	27.20 0.96 0.00	30.14 1.22 0.00	29.03 1.55 0.00	31.14 1.93 0.00	35.38 2.20 0.00	43.69 3.02 0.00	46.44 3.05 -0.72	46.87 2.46 -1.08	49.19 2.76 -0.21	62.94 4.03 0.00	55.34 3.60 0.00	51.19 3.03 0.00	48.29 2.86 0.00	48.26 3.14 0.00	47.82 3.32 0.00	57.69 3.71 -1.41	58.77 3.41 -1.54	47.27 2.84 -1.06	43.25 2.27 -0.84
GREENIDGE___4 23583	32.67 1.85 0.00	31.66 1.42 0.00	26.81 0.80 0.00	20.71 0.50 0.00	22.47 0.49 0.00	27.19 0.96 0.00	30.14 1.21 0.00	29.03 1.55 0.00	31.13 1.92 0.00	35.37 2.19 0.00	43.71 3.03 0.00	46.47 3.08 -0.72	46.88 2.47 -1.08	49.18 2.75 -0.21	62.96 4.05 0.00	55.34 3.60 0.00	51.19 3.03 0.00	48.24 2.81 0.00	48.27 3.14 0.00	47.82 3.32 0.00	57.69 3.71 -1.41	58.78 3.41 -1.54	47.27 2.84 -1.06	43.25 2.27 -0.84
GREENLWN_69_KV_BK 3 55738	32.99 2.17 0.00	32.00 1.76 0.00	27.40 1.40 0.00	21.12 0.91 0.00	22.97 0.99 0.00	27.34 1.10 0.00	30.14 1.22 0.00	42.77 1.38 -13.91	38.08 1.29 -7.58	44.49 1.48 -9.83	59.99 2.98 -16.32	64.95 3.16 -19.12	66.00 3.01 -19.66	73.49 2.94 -24.33	82.95 4.19 -19.85	75.56 4.04 -19.78	26.33 4.18 26.01	5.28 3.96 44.11	22.98 3.68 25.83	47.44 2.95 0.00	56.01 3.44 0.00	65.46 3.68 -7.95	61.99 2.72 -15.91	42.73 2.59 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
GRISSOM___SOLAR 323813	34.69 3.87 0.00	33.96 3.72 0.00	29.02 3.02 0.00	22.45 2.24 0.00	24.41 2.43 0.00	29.29 3.05 0.00	32.16 3.24 0.00	30.36 2.88 0.00	32.80 2.61 -0.97	38.02 3.48 -1.37	42.57 1.89 0.00	44.59 1.92 0.00	45.95 2.62 0.00	48.25 2.03 0.00	61.91 3.00 0.00	56.91 5.17 0.00	55.75 7.59 0.00	51.98 6.03 -0.52	50.93 5.80 0.00	51.68 7.19 0.00	61.27 8.70 0.00	62.27 8.29 -0.15	49.48 6.12 0.00	45.44 5.30 0.00
GROVEVILLE___HYD 323602	32.92 2.10 0.00	31.96 1.72 0.00	27.39 1.39 0.00	21.18 0.97 0.00	23.01 1.04 0.00	27.50 1.27 0.00	30.43 1.51 0.00	29.16 1.68 0.00	31.04 1.83 0.00	35.32 2.14 0.00	43.65 2.97 0.00	45.85 3.18 0.00	46.55 3.22 0.00	49.57 3.35 0.00	63.57 4.66 0.00	56.37 4.63 0.00	52.72 4.56 0.00	50.04 4.41 -0.20	49.27 4.15 0.00	48.28 3.78 0.00	56.81 4.24 0.00	57.92 4.09 0.00	46.33 2.96 0.00	42.91 2.78 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.38 0.55 0.00	30.68 0.43 0.00	26.23 0.22 0.00	20.36 0.15 0.00	22.12 0.14 0.00	26.46 0.22 0.00	29.21 0.29 0.00	27.84 0.35 0.00	29.64 0.43 0.00	33.65 0.48 0.00	41.56 0.88 0.00	45.94 0.90 -2.37	47.79 0.91 -3.54	47.74 0.83 -0.68	59.96 1.05 0.00	52.92 1.18 0.00	49.16 1.00 0.00	46.37 0.94 0.00	46.08 0.95 0.00	45.47 0.98 0.00	58.35 1.14 -4.64	60.11 0.99 -5.30	47.57 0.71 -3.49	43.39 0.48 -2.76

HAMLTNNY_34_KV_TB 80303	31.57 0.75 0.00	30.80 0.55 0.00	26.31 0.31 0.00	20.41 0.20 0.00	22.17 0.19 0.00	26.57 0.34 0.00	29.34 0.42 0.00	28.02 0.54 0.00	29.87 0.66 0.00	33.97 0.79 0.00	42.13 1.45 0.00	46.51 1.41 -2.43	48.35 1.39 -3.63	48.25 1.33 -0.70	60.57 1.66 0.00	53.49 1.75 0.00	49.64 1.48 0.00	46.82 1.39 0.00	46.54 1.41 0.00	46.00 1.50 0.00	59.06 1.74 -4.75	60.91 1.69 -5.40	48.14 1.20 -3.58	43.86 0.89 -2.83
HAMPSHIRE___PAPER_HYD 323593	30.82 0.00 0.00	30.16 -0.08 0.00	25.92 -0.08 0.00	19.92 -0.29 0.00	22.00 0.02 0.00	26.30 0.07 0.00	29.12 0.20 0.00	27.18 -0.30 0.00	29.00 -0.21 0.00	33.11 -0.07 0.00	40.64 -0.04 0.00	43.39 -0.11 -0.83	44.28 -0.22 -1.17	45.86 -0.58 -0.23	57.52 -1.39 0.00	50.22 -1.52 0.00	46.69 -1.47 0.00	44.15 -1.29 0.00	44.40 -0.72 0.00	44.22 -0.28 0.00	54.47 0.37 -1.54	63.12 0.86 -8.44	45.64 1.12 -1.16	41.91 0.86 -0.91
HARDSCRABBLE_WT_PWR 323673	32.22 1.40 0.00	31.44 1.20 0.00	26.97 0.97 0.00	20.89 0.69 0.00	22.68 0.70 0.00	27.03 0.79 0.00	29.71 0.79 0.00	28.32 0.83 0.00	30.04 0.83 0.00	33.89 0.72 0.00	41.44 0.76 0.00	43.52 0.85 0.00	44.25 0.92 0.00	47.14 0.92 0.00	60.43 1.51 0.00	53.59 1.85 0.00	50.03 1.88 0.00	47.08 1.65 0.00	46.29 1.16 0.00	45.75 1.25 0.00	54.39 1.82 0.00	56.09 2.05 -0.21	44.86 1.50 0.00	41.45 1.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.73 1.91 0.00	31.78 1.53 0.00	27.23 1.22 0.00	21.05 0.84 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.24 1.32 0.00	13.67 1.49 15.30	22.50 1.62 8.33	24.99 1.83 10.02	43.24 2.57 0.00	45.37 2.70 0.00	46.08 2.75 0.00	49.09 2.87 0.00	62.96 4.05 0.00	55.83 4.09 0.00	52.23 4.07 0.00	49.60 3.96 -0.21	48.78 3.66 0.00	47.77 3.27 0.00	56.22 3.65 0.00	57.26 3.44 0.00	45.81 2.45 0.00	42.47 2.33 0.00
HARSNRAD_115KV_TB1 81005	32.45 1.63 0.00	31.40 1.16 0.00	26.30 0.30 0.00	20.27 0.07 0.00	21.99 0.01 0.00	26.85 0.61 0.00	29.80 0.88 0.00	28.62 1.14 0.00	30.93 1.72 0.00	35.63 2.45 0.00	43.79 3.11 0.00	45.96 3.29 0.00	46.61 3.28 0.00	49.11 2.89 0.00	61.60 2.69 0.00	54.73 3.00 0.00	50.52 2.36 0.00	47.20 1.77 0.00	46.98 1.85 0.00	46.53 2.04 0.00	54.77 2.20 0.00	55.70 1.87 0.00	45.92 2.55 0.00	42.32 2.18 0.00
HARZA MOOSE___RIVER 24016	32.01 1.19 0.00	31.18 0.94 0.00	26.71 0.71 0.00	20.47 0.26 0.00	22.63 0.65 0.00	27.05 0.81 0.00	29.90 0.97 0.00	28.02 0.54 0.00	30.16 0.95 0.00	34.48 1.30 0.00	42.52 1.84 0.00	45.29 1.95 -0.68	46.22 1.89 -1.00	48.08 1.66 -0.19	60.52 1.61 0.00	53.18 1.44 0.00	49.40 1.24 0.00	46.63 1.20 0.00	46.63 1.50 0.00	46.45 1.95 0.00	56.61 2.74 -1.30	60.12 2.99 -3.30	46.87 2.53 -0.98	42.96 2.05 -0.78
HDSNBRDG_115KV_BRDG_TB1 355580	31.24 0.42 0.00	30.49 0.25 0.00	26.08 0.08 0.00	20.24 0.03 0.00	21.98 0.00 0.00	26.32 0.09 0.00	29.05 0.13 0.00	27.73 0.25 0.00	29.58 0.37 0.00	33.70 0.53 0.00	41.61 0.93 0.00	44.94 0.98 -1.29	46.25 1.00 -1.92	47.51 0.92 -0.37	60.02 1.11 0.00	52.96 1.22 0.00	49.18 1.02 0.00	46.36 0.93 0.00	46.04 0.91 0.00	45.41 0.91 0.00	56.13 1.04 -2.51	57.73 0.90 -3.01	45.92 0.66 -1.89	42.07 0.44 -1.50
HELLGATE_13_KV_LD 55870	32.85 2.02 0.00	31.81 1.57 0.00	27.26 1.26 0.00	21.07 0.86 0.00	22.88 0.91 0.00	27.38 1.14 0.00	30.34 1.43 0.00	42.92 1.65 -13.78	38.53 1.80 -7.51	44.10 1.88 -9.04	43.25 2.57 0.00	45.30 2.63 0.00	45.82 2.49 0.00	48.54 2.32 0.00	59.26 3.23 2.88	55.15 3.41 0.01	51.53 3.37 0.00	49.04 3.35 -0.25	48.09 2.97 0.01	47.07 2.58 0.00	53.33 2.82 2.06	49.47 2.68 7.04	44.11 2.08 1.32	42.46 2.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.85 2.02 0.00	31.81 1.57 0.00	27.26 1.26 0.00	21.07 0.86 0.00	22.88 0.91 0.00	27.38 1.14 0.00	30.34 1.43 0.00	42.92 1.65 -13.78	38.53 1.80 -7.51	44.10 1.88 -9.04	43.25 2.57 0.00	45.30 2.63 0.00	45.82 2.49 0.00	48.54 2.32 0.00	59.26 3.23 2.88	55.15 3.41 0.01	51.53 3.37 0.00	49.04 3.35 -0.25	48.09 2.97 0.01	47.07 2.58 0.00	53.33 2.82 2.06	49.47 2.68 7.04	44.11 2.08 1.32	42.46 2.32 0.00
HEMPSTEAD____ 23647	33.03 2.21 0.00	32.08 1.84 0.00	27.47 1.47 0.00	21.18 0.97 0.00	23.02 1.05 0.00	27.42 1.19 0.00	30.30 1.38 0.00	42.96 1.57 -13.91	38.33 1.53 -7.58	44.77 1.77 -9.83	59.99 2.99 -16.32	65.01 3.22 -19.12	66.21 3.22 -19.66	73.83 3.28 -24.33	85.74 4.54 -22.29	93.64 4.39 -37.52	91.00 4.42 -38.43	54.51 4.22 -4.87	66.57 3.92 -17.51	47.75 3.25 0.00	56.24 3.67 0.00	65.62 3.83 -7.96	62.11 2.84 -15.91	42.80 2.67 0.00
HEWLETT_69_KV_BK3 55828	33.42 2.60 0.00	32.40 2.16 0.00	27.73 1.73 0.00	21.38 1.18 0.00	23.24 1.26 0.00	27.67 1.43 0.00	30.57 1.65 0.00	43.21 1.81 -13.91	38.67 1.87 -7.58	45.19 2.18 -9.83	60.35 3.35 -16.32	65.43 3.64 -19.12	66.57 3.57 -19.66	74.17 3.63 -24.33	86.14 4.94 -22.29	87.88 4.75 -31.39	79.75 4.72 -26.87	53.57 4.52 -3.63	66.89 4.25 -17.51	48.08 3.59 0.00	56.65 4.08 0.00	66.02 4.24 -7.95	62.51 3.23 -15.91	43.19 3.05 0.00
HICKLING___1 23621	32.53 1.70 0.00	31.47 1.23 0.00	26.68 0.68 0.00	20.63 0.43 0.00	22.40 0.42 0.00	27.15 0.92 0.00	30.03 1.11 0.00	29.00 1.52 0.00	31.13 1.92 0.00	35.51 2.34 0.00	44.14 3.46 0.00	47.02 3.63 -0.72	47.96 3.54 -1.08	50.08 3.65 -0.21	63.47 4.56 0.00	56.23 4.49 0.00	51.50 3.34 0.00	48.34 2.91 0.00	47.93 2.80 0.00	47.37 2.88 0.00	57.17 3.19 -1.41	58.38 3.01 -1.54	47.13 2.71 -1.06	43.19 2.21 -0.84
HICKLING___2 23622	32.53 1.70 0.00	31.47 1.23 0.00	26.68 0.68 0.00	20.63 0.43 0.00	22.40 0.42 0.00	27.15 0.92 0.00	30.03 1.11 0.00	29.00 1.52 0.00	31.13 1.92 0.00	35.51 2.34 0.00	44.14 3.46 0.00	47.02 3.63 -0.72	47.96 3.54 -1.08	50.08 3.65 -0.21	63.47 4.56 0.00	56.23 4.49 0.00	51.50 3.34 0.00	48.34 2.91 0.00	47.93 2.80 0.00	47.37 2.88 0.00	57.17 3.19 -1.41	58.38 3.01 -1.54	47.13 2.71 -1.06	43.19 2.21 -0.84
HIGH FALLS___HY 23754	32.64 1.82 0.00	31.67 1.42 0.00	27.12 1.12 0.00	20.96 0.76 0.00	22.79 0.81 0.00	27.24 1.01 0.00	30.18 1.26 0.00	29.01 1.53 0.00	30.84 1.62 0.00	34.81 1.63 0.00	43.11 2.43 0.00	45.35 2.68 0.00	46.14 2.81 0.00	49.36 3.14 0.00	63.08 4.16 0.00	55.91 4.18 0.00	52.32 4.16 0.00	49.26 4.18 0.35	49.09 3.96 0.00	48.15 3.66 0.00	56.72 4.15 0.00	57.93 4.20 0.09	46.31 2.94 0.00	42.76 2.62 0.00
HIGH_RIVER___SOLAR 323847	32.56 1.74 0.00	31.81 1.57 0.00	27.33 1.33 0.00	21.18 0.97 0.00	23.03 1.05 0.00	27.52 1.29 0.00	30.31 1.39 0.00	28.83 1.35 0.00	31.62 1.43 -0.97	36.15 1.60 -1.37	42.52 1.84 0.00	44.60 1.93 0.00	45.30 1.97 0.00	48.27 2.05 0.00	61.66 2.75 0.00	54.42 2.69 0.00	50.96 2.80 0.00	48.66 2.62 -0.61	47.55 2.42 0.00	47.01 2.52 0.00	55.65 3.08 0.00	57.07 3.07 -0.18	45.68 2.31 0.00	42.22 2.08 0.00

HILLBURN___GT 23639	32.56 1.74 0.00	31.61 1.37 0.00	27.09 1.09 0.00	20.94 0.73 0.00	22.75 0.77 0.00	27.20 0.97 0.00	30.09 1.17 0.00	10.96 1.33 17.85	20.90 1.42 9.72	23.04 1.56 11.69	42.88 2.21 0.00	45.00 2.32 0.00	45.66 2.33 0.00	48.57 2.35 0.00	62.27 3.35 0.00	55.22 3.48 0.00	51.67 3.51 0.00	49.09 3.44 -0.22	48.25 3.13 0.00	47.21 2.72 0.00	55.60 3.03 0.00	56.66 2.84 0.00	45.36 1.99 0.00	42.14 2.00 0.00
HILLSIDE_115KV_TB1 80332	31.92 1.09 0.00	30.84 0.60 0.00	26.22 0.22 0.00	20.32 0.11 0.00	22.08 0.10 0.00	26.71 0.48 0.00	29.52 0.60 0.00	28.44 0.95 0.00	30.47 1.26 0.00	34.71 1.53 0.00	43.21 2.53 0.00	46.04 2.62 -0.75	46.94 2.49 -1.12	49.00 2.56 -0.22	62.13 3.21 0.00	54.99 3.25 0.00	50.35 2.19 0.00	47.29 1.86 0.00	46.75 1.62 0.00	46.20 1.71 0.00	55.87 1.84 -1.46	57.15 1.73 -1.59	46.10 1.64 -1.10	42.27 1.26 -0.87
HISHELDN_WT_PWR 323625	32.66 1.84 0.00	31.67 1.43 0.00	26.57 0.57 0.00	20.44 0.23 0.00	22.16 0.18 0.00	27.06 0.82 0.00	30.06 1.14 0.00	29.04 1.56 0.00	30.36 2.15 1.00	35.26 2.89 0.80	44.55 3.87 0.00	46.80 4.13 0.00	47.38 4.05 0.00	50.00 3.78 0.00	63.04 4.13 0.00	55.91 4.17 0.00	51.53 3.37 0.00	48.14 2.71 0.00	47.95 2.82 0.00	47.41 2.92 0.00	55.80 3.23 0.00	56.69 2.87 0.00	46.45 3.09 0.00	42.75 2.61 0.00
HOLTSVILLE_IC_1 23690	33.32 2.50 0.00	32.28 2.04 0.00	27.61 1.61 0.00	21.27 1.06 0.00	23.14 1.16 0.00	27.57 1.34 0.00	30.44 1.52 0.00	43.11 1.72 -13.91	38.48 1.69 -7.58	44.97 1.95 -9.84	60.42 3.42 -16.32	65.37 3.58 -19.12	66.38 3.39 -19.66	73.91 3.36 -24.33	96.79 4.72 -33.16	109.87 4.30 -53.83	241.41 4.48 -188.77	260.55 4.34 -210.77	260.29 4.10 -211.07	47.85 3.35 0.00	56.54 3.97 0.00	65.92 4.14 -7.96	62.35 3.07 -15.91	43.14 3.00 0.00
HOLTSVILLE_IC_10 23699	33.51 2.69 0.00	32.45 2.21 0.00	27.74 1.74 0.00	21.37 1.16 0.00	23.25 1.27 0.00	27.70 1.47 0.00	30.59 1.67 0.00	43.29 1.89 -13.91	38.69 1.89 -7.58	45.22 2.21 -9.84	60.71 3.70 -16.32	65.66 3.88 -19.12	66.69 3.69 -19.66	74.25 3.70 -24.33	98.13 5.20 -34.02	112.73 4.76 -56.22	256.08 4.93 -202.99	277.35 4.77 -227.15	275.88 4.49 -226.25	48.26 3.76 0.00	57.01 4.44 0.00	66.39 4.60 -7.96	62.69 3.41 -15.91	43.46 3.32 0.00
HOLTSVILLE_IC_2 23691	33.32 2.50 0.00	32.28 2.04 0.00	27.61 1.61 0.00	21.27 1.06 0.00	23.14 1.16 0.00	27.57 1.34 0.00	30.44 1.52 0.00	43.11 1.72 -13.91	38.48 1.69 -7.58	44.97 1.95 -9.84	60.42 3.42 -16.32	65.37 3.58 -19.12	66.38 3.39 -19.66	73.91 3.36 -24.33	96.79 4.72 -33.16	109.87 4.30 -53.83	241.41 4.48 -188.77	260.55 4.34 -210.77	260.29 4.10 -211.07	47.85 3.35 0.00	56.54 3.97 0.00	65.92 4.14 -7.96	62.35 3.07 -15.91	43.14 3.00 0.00
HOLTSVILLE_IC_3 23692	33.32 2.50 0.00	32.28 2.04 0.00	27.61 1.61 0.00	21.27 1.06 0.00	23.14 1.16 0.00	27.57 1.34 0.00	30.44 1.52 0.00	43.11 1.72 -13.91	38.48 1.69 -7.58	44.97 1.95 -9.84	60.42 3.42 -16.32	65.37 3.58 -19.12	66.38 3.39 -19.66	73.91 3.36 -24.33	96.79 4.72 -33.16	109.87 4.30 -53.83	241.41 4.48 -188.77	260.55 4.34 -210.77	260.29 4.10 -211.07	47.85 3.35 0.00	56.54 3.97 0.00	65.92 4.14 -7.96	62.35 3.07 -15.91	43.14 3.00 0.00
HOLTSVILLE_IC_4 23693	33.32 2.50 0.00	32.28 2.04 0.00	27.61 1.61 0.00	21.27 1.06 0.00	23.14 1.16 0.00	27.57 1.34 0.00	30.44 1.52 0.00	43.11 1.72 -13.91	38.48 1.69 -7.58	44.97 1.95 -9.84	60.42 3.42 -16.32	65.37 3.58 -19.12	66.38 3.39 -19.66	73.91 3.36 -24.33	96.79 4.72 -33.16	109.87 4.30 -53.83	241.41 4.48 -188.77	260.55 4.34 -210.77	260.29 4.10 -211.07	47.85 3.35 0.00	56.54 3.97 0.00	65.92 4.14 -7.96	62.35 3.07 -15.91	43.14 3.00 0.00
HOLTSVILLE_IC_5 23694	33.32 2.50 0.00	32.28 2.04 0.00	27.61 1.61 0.00	21.27 1.06 0.00	23.14 1.16 0.00	27.57 1.34 0.00	30.44 1.52 0.00	43.11 1.72 -13.91	38.48 1.69 -7.58	44.97 1.95 -9.84	60.42 3.42 -16.32	65.37 3.58 -19.12	66.38 3.39 -19.66	73.91 3.36 -24.33	96.79 4.72 -33.16	109.87 4.30 -53.83	241.41 4.48 -188.77	260.55 4.34 -210.77	260.29 4.10 -211.07	47.85 3.35 0.00	56.54 3.97 0.00	65.92 4.14 -7.96	62.35 3.07 -15.91	43.14 3.00 0.00
HOLTSVILLE_IC_6 23695	33.51 2.69 0.00	32.45 2.21 0.00	27.74 1.74 0.00	21.37 1.16 0.00	23.25 1.27 0.00	27.70 1.47 0.00	30.59 1.67 0.00	43.29 1.89 -13.91	38.69 1.89 -7.58	45.22 2.21 -9.84	60.71 3.70 -16.32	65.66 3.88 -19.12	66.69 3.69 -19.66	74.25 3.70 -24.33	98.13 5.20 -34.02	112.73 4.76 -56.22	256.08 4.93 -202.99	277.35 4.77 -227.15	275.88 4.49 -226.25	48.26 3.76 0.00	57.01 4.44 0.00	66.39 4.60 -7.96	62.69 3.41 -15.91	43.46 3.32 0.00
HOLTSVILLE_IC_7 23696	33.51 2.69 0.00	32.45 2.21 0.00	27.74 1.74 0.00	21.37 1.16 0.00	23.25 1.27 0.00	27.70 1.47 0.00	30.59 1.67 0.00	43.29 1.89 -13.91	38.69 1.89 -7.58	45.22 2.21 -9.84	60.71 3.70 -16.32	65.66 3.88 -19.12	66.69 3.69 -19.66	74.25 3.70 -24.33	98.13 5.20 -34.02	112.73 4.76 -56.22	256.08 4.93 -202.99	277.35 4.77 -227.15	275.88 4.49 -226.25	48.26 3.76 0.00	57.01 4.44 0.00	66.39 4.60 -7.96	62.69 3.41 -15.91	43.46 3.32 0.00
HOLTSVILLE_IC_8 23697	33.51 2.69 0.00	32.45 2.21 0.00	27.74 1.74 0.00	21.37 1.16 0.00	23.25 1.27 0.00	27.70 1.47 0.00	30.59 1.67 0.00	43.29 1.89 -13.91	38.69 1.89 -7.58	45.22 2.21 -9.84	60.71 3.70 -16.32	65.66 3.88 -19.12	66.69 3.69 -19.66	74.25 3.70 -24.33	98.13 5.20 -34.02	112.73 4.76 -56.22	256.08 4.93 -202.99	277.35 4.77 -227.15	275.88 4.49 -226.25	48.26 3.76 0.00	57.01 4.44 0.00	66.39 4.60 -7.96	62.69 3.41 -15.91	43.46 3.32 0.00
HOLTSVILLE_IC_9 23698	33.51 2.69 0.00	32.45 2.21 0.00	27.74 1.74 0.00	21.37 1.16 0.00	23.25 1.27 0.00	27.70 1.47 0.00	30.59 1.67 0.00	43.29 1.89 -13.91	38.69 1.89 -7.58	45.22 2.21 -9.84	60.71 3.70 -16.32	65.66 3.88 -19.12	66.69 3.69 -19.66	74.25 3.70 -24.33	98.13 5.20 -34.02	112.73 4.76 -56.22	256.08 4.93 -202.99	277.35 4.77 -227.15	275.88 4.49 -226.25	48.26 3.76 0.00	57.01 4.44 0.00	66.39 4.60 -7.96	62.69 3.41 -15.91	43.46 3.32 0.00
HOMER_HL_115KV_TB2 355744	32.72 1.90 0.00	31.67 1.43 0.00	26.66 0.66 0.00	20.59 0.38 0.00	22.40 0.42 0.00	27.31 1.08 0.00	30.31 1.39 0.00	29.19 1.71 0.00	31.51 2.29 0.00	36.24 3.06 0.00	44.72 4.04 0.00	46.82 4.15 0.00	47.19 3.86 0.00	49.84 3.62 0.00	62.89 3.98 0.00	55.75 4.01 0.00	51.09 2.93 0.00	47.95 2.52 0.00	47.45 2.32 0.00	46.85 2.35 0.00	55.13 2.57 0.00	56.33 2.50 0.00	45.99 2.63 0.00	42.38 2.24 0.00
HOWARD_WT_PWR 323690	32.87 2.05 0.00	31.96 1.72 0.00	26.79 0.79 0.00	20.56 0.35 0.00	22.18 0.20 0.00	27.12 0.88 0.00	29.74 0.82 0.00	29.36 1.87 0.00	31.80 2.59 0.00	36.36 3.18 0.00	44.93 4.25 0.00	47.67 4.47 -0.53	48.54 4.41 -0.79	50.69 4.32 -0.15	63.77 4.86 0.00	56.57 4.83 0.00	52.12 3.96 0.00	48.86 3.43 0.00	48.82 3.69 0.00	48.24 3.74 0.00	57.81 4.21 -1.03	58.88 3.92 -1.13	47.91 3.77 -0.78	43.90 3.14 -0.62

HQ_GEN_CEDARS 23644	29.31 -1.51 0.00	28.98 -1.27 0.00	25.03 -0.97 0.00	19.51 -0.70 0.00	21.28 -0.70 0.00	25.41 -0.82 0.00	28.11 -0.81 0.00	26.55 -0.93 0.00	28.05 -1.17 0.00	31.79 -1.38 0.00	38.68 -2.00 0.00	40.47 -2.18 0.01	41.15 -2.18 0.00	44.17 -2.06 0.00	56.06 -2.86 0.00	48.69 -3.05 0.00	45.33 -2.83 0.00	42.82 -2.61 0.00	42.89 -2.24 0.00	42.38 -2.11 0.00	50.09 -2.48 0.00	49.98 -2.13 1.71	41.97 -1.39 0.00	38.91 -1.23 0.00
HQ_GEN_CEDARS_PROXY 323590	29.31 -1.51 0.00	28.98 -1.27 0.00	25.04 -0.97 0.00	19.51 -0.70 0.00	21.28 -0.70 0.00	25.41 -0.82 0.00	28.11 -0.81 0.00	26.55 -0.94 0.00	28.05 -1.16 0.00	31.79 -1.38 0.00	38.68 -2.00 0.00	40.46 -2.20 0.01	39.80 -2.18 1.36	44.17 -2.05 0.00	56.06 -2.86 0.00	47.51 -3.05 1.17	45.33 -2.83 0.00	42.82 -2.62 0.00	42.89 -2.24 0.00	42.38 -2.11 0.00	50.09 -2.48 0.00	49.98 -2.13 1.71	41.97 -1.39 0.00	38.91 -1.23 0.00
HQ_GEN_IMPORT 323601	29.79 -1.03 0.00	29.44 -0.80 0.00	25.39 -0.61 0.00	19.81 -0.40 0.00	21.56 -0.42 0.00	25.71 -0.53 0.00	28.38 -0.54 0.00	26.86 -0.62 0.00	28.46 -0.75 0.00	32.29 -0.88 0.00	39.32 -1.29 0.07	41.34 -1.33 0.00	42.05 -1.28 0.00	45.06 -1.16 0.00	57.30 -1.62 0.00	49.94 -1.80 0.00	46.48 -1.68 0.00	43.86 -1.57 0.00	0.00 -1.41 43.72	43.13 -1.37 0.00	50.89 -1.68 0.00	0.00 -1.52 52.31	40.80 -1.10 1.46	39.16 -0.98 0.00
HQ_GEN_WHEEL 23651	29.79 -1.03 0.00	29.44 -0.80 0.00	25.39 -0.61 0.00	19.81 -0.40 0.00	21.56 -0.42 0.00	25.71 -0.53 0.00	28.38 -0.54 0.00	26.86 -0.62 0.00	28.46 -0.75 0.00	32.29 -0.88 0.00	39.32 -1.29 0.07	41.34 -1.33 0.00	42.05 -1.28 0.00	45.06 -1.16 0.00	57.30 -1.62 0.00	49.94 -1.80 0.00	46.48 -1.68 0.00	43.86 -1.57 0.00	0.00 -1.41 43.72	43.13 -1.37 0.00	50.89 -1.68 0.00	0.00 -1.52 52.31	40.80 -1.10 1.46	39.16 -0.98 0.00
HUDSON AVE_GT_3 23810	32.92 2.10 0.00	31.89 1.65 0.00	27.34 1.34 0.00	21.13 0.92 0.00	22.95 0.97 0.00	27.45 1.22 0.00	30.42 1.50 0.00	43.01 1.74 -13.79	38.61 1.88 -7.51	44.27 2.06 -9.04	43.48 2.80 0.00	45.54 2.87 0.00	46.14 2.81 0.00	48.98 2.76 0.00	62.67 3.75 0.00	55.66 3.92 0.00	52.02 3.86 0.00	49.41 3.73 -0.25	48.54 3.41 0.00	47.49 2.99 0.00	55.89 3.32 0.00	57.03 3.18 -0.03	45.72 2.35 0.00	42.64 2.51 0.00
HUDSON AVE_GT_4 23540	32.92 2.10 0.00	31.89 1.65 0.00	27.34 1.34 0.00	21.13 0.92 0.00	22.95 0.97 0.00	27.45 1.22 0.00	30.42 1.50 0.00	43.01 1.74 -13.79	38.61 1.88 -7.51	44.27 2.06 -9.04	43.48 2.80 0.00	45.54 2.87 0.00	46.14 2.81 0.00	48.98 2.76 0.00	62.67 3.75 0.00	55.66 3.92 0.00	52.02 3.86 0.00	49.41 3.73 -0.25	48.54 3.41 0.00	47.49 2.99 0.00	55.89 3.32 0.00	57.03 3.18 -0.03	45.72 2.35 0.00	42.64 2.51 0.00
HUDSON AVE_GT_5 23657	32.92 2.10 0.00	31.89 1.65 0.00	27.34 1.34 0.00	21.13 0.92 0.00	22.95 0.97 0.00	27.45 1.22 0.00	30.42 1.50 0.00	43.01 1.74 -13.79	38.61 1.88 -7.51	44.27 2.06 -9.04	43.48 2.80 0.00	45.54 2.87 0.00	46.14 2.81 0.00	48.98 2.76 0.00	62.67 3.75 0.00	55.66 3.92 0.00	52.02 3.86 0.00	49.41 3.73 -0.25	48.54 3.41 0.00	47.49 2.99 0.00	55.89 3.32 0.00	57.03 3.18 -0.03	45.72 2.35 0.00	42.64 2.51 0.00
HUDSON_AVE_10 24168	32.78 1.95 0.00	31.77 1.53 0.00	27.23 1.23 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.35 1.11 0.00	30.30 1.38 0.00	42.88 1.62 -13.79	38.47 1.74 -7.51	44.11 1.89 -9.04	43.26 2.58 0.00	45.31 2.64 0.00	45.91 2.58 0.00	48.75 2.53 0.00	62.54 3.63 0.00	55.50 3.76 0.00	52.50 3.70 -0.64	49.27 3.59 -0.25	48.40 3.27 0.00	47.35 2.86 0.00	55.72 3.15 0.00	56.85 2.99 -0.03	45.57 2.21 0.00	42.52 2.38 0.00
HUDSON___115KV_TB 4 355613	32.94 2.13 0.00	32.19 1.95 0.00	27.71 1.71 0.00	21.48 1.28 0.00	23.31 1.34 0.00	27.84 1.60 0.00	30.54 1.62 0.00	30.84 1.44 -1.92	31.69 1.42 -1.06	35.98 1.52 -1.28	42.22 1.54 0.00	43.82 1.15 0.00	44.28 0.95 0.00	46.96 0.74 0.00	60.62 1.70 0.00	53.74 2.00 0.00	50.28 2.12 0.00	44.22 2.11 3.32	47.36 2.23 0.00	46.61 2.11 0.00	55.00 2.44 0.00	55.56 2.47 0.73	45.22 1.86 0.00	42.05 1.92 0.00
HUNTER MOUNT___DRP 323613	33.19 2.37 0.00	32.44 2.20 0.00	27.94 1.94 0.00	21.66 1.46 0.00	23.51 1.53 0.00	28.07 1.84 0.00	30.82 1.90 0.00	29.15 1.67 0.00	30.87 1.66 0.00	35.02 1.84 0.00	42.43 1.75 0.00	43.92 1.25 0.00	44.27 0.94 0.00	46.81 0.59 0.00	60.72 1.81 0.00	53.99 2.25 0.00	50.55 2.39 0.00	45.35 2.40 2.49	47.69 2.56 0.00	46.94 2.44 0.00	55.43 2.86 0.00	56.19 2.91 0.55	45.60 2.24 0.00	42.40 2.27 0.00
HUNTINGTON_RES_REC 323705	33.23 2.41 0.00	32.19 1.95 0.00	27.54 1.54 0.00	21.21 1.01 0.00	23.07 1.10 0.00	27.48 1.24 0.00	30.31 1.39 0.00	42.98 1.59 -13.91	38.33 1.54 -7.58	44.82 1.80 -9.83	60.38 3.38 -16.32	65.37 3.58 -19.12	66.39 3.39 -19.66	73.93 3.38 -24.33	113.56 4.81 -49.83	153.83 4.52 -97.57	512.91 4.69 -460.07	580.12 4.49 -530.20	557.11 4.22 -507.76	47.94 3.44 0.00	56.58 4.01 0.00	65.98 4.20 -7.96	62.36 3.08 -15.91	43.10 2.97 0.00
HUNTLEY___63 23557	32.91 2.09 0.00	31.84 1.60 0.00	26.65 0.65 0.00	20.54 0.33 0.00	22.26 0.28 0.00	27.17 0.93 0.00	30.16 1.24 0.00	29.00 1.52 0.00	31.38 2.17 0.00	36.23 3.05 0.00	44.64 3.96 0.00	46.79 4.12 0.00	47.49 4.15 0.00	50.08 3.85 0.00	62.89 3.98 0.00	55.82 4.08 0.00	51.49 3.33 0.00	48.12 2.69 0.00	47.84 2.72 0.00	47.36 2.86 0.00	55.71 3.14 0.00	56.59 2.77 0.00	46.57 3.20 0.00	42.93 2.79 0.00
HUNTLEY___64 23558	32.91 2.09 0.00	31.84 1.60 0.00	26.65 0.65 0.00	20.54 0.33 0.00	22.26 0.28 0.00	27.17 0.93 0.00	30.16 1.24 0.00	29.00 1.52 0.00	31.38 2.17 0.00	36.23 3.05 0.00	44.64 3.96 0.00	46.79 4.12 0.00	47.49 4.15 0.00	50.08 3.85 0.00	62.89 3.98 0.00	55.82 4.08 0.00	51.49 3.33 0.00	48.12 2.69 0.00	47.84 2.72 0.00	47.36 2.86 0.00	55.71 3.14 0.00	56.59 2.77 0.00	46.57 3.20 0.00	42.93 2.79 0.00
HUNTLEY___65 23559	32.91 2.09 0.00	31.84 1.60 0.00	26.65 0.65 0.00	20.54 0.33 0.00	22.26 0.28 0.00	27.17 0.93 0.00	30.16 1.24 0.00	29.00 1.52 0.00	31.38 2.17 0.00	36.23 3.05 0.00	44.64 3.96 0.00	46.79 4.12 0.00	47.49 4.15 0.00	50.08 3.85 0.00	62.89 3.98 0.00	55.82 4.08 0.00	51.49 3.33 0.00	48.12 2.69 0.00	47.84 2.72 0.00	47.36 2.86 0.00	55.71 3.14 0.00	56.59 2.77 0.00	46.57 3.20 0.00	42.93 2.79 0.00
HUNTLEY___66 23560	32.91 2.09 0.00	31.84 1.60 0.00	26.65 0.65 0.00	20.54 0.33 0.00	22.26 0.28 0.00	27.17 0.93 0.00	30.16 1.24 0.00	29.00 1.52 0.00	31.38 2.17 0.00	36.23 3.05 0.00	44.64 3.96 0.00	46.79 4.12 0.00	47.49 4.15 0.00	50.08 3.85 0.00	62.89 3.98 0.00	55.82 4.08 0.00	51.49 3.33 0.00	48.12 2.69 0.00	47.84 2.72 0.00	47.36 2.86 0.00	55.71 3.14 0.00	56.59 2.77 0.00	46.57 3.20 0.00	42.93 2.79 0.00

HUNTLEY___67 23561	32.64 1.82 0.00	31.59 1.35 0.00	26.49 0.49 0.00	20.42 0.21 0.00	22.15 0.17 0.00	27.03 0.80 0.00	30.01 1.09 0.00	28.85 1.37 0.00	31.18 1.97 0.00	35.98 2.80 0.00	44.37 3.69 0.00	46.62 3.95 0.00	47.27 3.94 0.00	49.81 3.59 0.00	62.60 3.68 0.00	55.53 3.79 0.00	51.21 3.05 0.00	47.87 2.44 0.00	47.59 2.46 0.00	47.07 2.58 0.00	55.39 2.83 0.00	56.20 2.38 0.00	46.16 2.80 0.00	42.52 2.38 0.00
HUNTLEY___68 23562	32.64 1.82 0.00	31.59 1.35 0.00	26.49 0.49 0.00	20.42 0.21 0.00	22.15 0.17 0.00	27.03 0.80 0.00	30.01 1.09 0.00	28.85 1.37 0.00	31.18 1.97 0.00	35.98 2.80 0.00	44.37 3.69 0.00	46.62 3.95 0.00	47.27 3.94 0.00	49.81 3.59 0.00	62.60 3.68 0.00	55.53 3.79 0.00	51.21 3.05 0.00	47.87 2.44 0.00	47.59 2.46 0.00	47.07 2.58 0.00	55.39 2.83 0.00	56.20 2.38 0.00	46.16 2.80 0.00	42.52 2.38 0.00
HYLAND___LFGE 323620	33.38 2.56 0.00	32.29 2.05 0.00	27.13 1.13 0.00	20.90 0.70 0.00	22.66 0.68 0.00	27.60 1.36 0.00	30.67 1.75 0.00	29.50 2.02 0.00	31.70 2.48 0.00	34.64 1.46 0.00	41.17 0.49 0.00	43.15 0.48 0.00	43.78 0.45 0.00	46.40 0.17 0.00	58.33 -0.58 0.00	51.98 0.24 0.00	48.38 0.22 0.00	45.71 0.28 0.00	46.22 1.09 0.00	45.59 1.10 0.00	54.47 1.91 0.00	55.27 1.45 0.00	48.03 4.67 0.00	43.91 3.77 0.00
INDECK___CORINTH 23802	33.20 2.38 0.00	32.23 1.98 0.00	27.70 1.70 0.00	21.44 1.24 0.00	23.31 1.33 0.00	27.93 1.70 0.00	30.81 1.89 0.00	31.43 1.84 -2.11	32.42 2.02 -1.19	36.77 2.16 -1.44	43.25 2.57 0.00	45.45 2.78 0.00	46.32 2.99 0.00	49.42 3.20 0.00	63.40 4.49 0.00	55.73 3.99 0.00	51.76 3.60 0.00	49.63 3.14 -1.05	48.04 2.91 0.00	47.77 3.27 0.00	56.65 4.09 0.00	58.14 4.02 -0.29	46.39 3.03 0.00	42.73 2.59 0.00
INDECK___ILION 23567	31.76 0.94 0.00	31.03 0.79 0.00	26.64 0.64 0.00	20.66 0.45 0.00	22.45 0.48 0.00	26.80 0.56 0.00	29.48 0.56 0.00	28.06 0.58 0.00	29.81 0.59 0.00	33.73 0.56 0.00	41.31 0.63 0.00	43.34 0.66 0.00	44.03 0.70 0.00	46.92 0.70 0.00	60.01 1.09 0.00	53.05 1.31 0.00	49.51 1.35 0.00	46.62 1.19 0.00	46.10 0.97 0.00	45.51 1.01 0.00	53.95 1.38 0.00	55.50 1.46 -0.21	44.40 1.04 0.00	41.03 0.90 0.00
INDECK___OLEAN 23982	32.72 1.90 0.00	31.67 1.43 0.00	26.66 0.66 0.00	20.59 0.38 0.00	22.40 0.42 0.00	27.31 1.08 0.00	30.31 1.39 0.00	29.20 1.71 0.00	28.99 2.28 2.51	34.21 3.04 2.01	44.74 4.06 0.00	46.88 4.21 0.00	47.22 3.89 0.00	49.84 3.62 0.00	62.91 4.00 0.00	55.75 4.01 0.00	51.10 2.94 0.00	47.85 2.42 0.00	47.44 2.31 0.00	46.85 2.35 0.00	55.14 2.57 0.00	56.33 2.50 0.00	45.99 2.63 0.00	42.38 2.24 0.00
INDECK___OSWEGO 23783	30.43 -0.39 0.00	29.74 -0.51 0.00	25.47 -0.53 0.00	19.76 -0.45 0.00	21.49 -0.49 0.00	25.70 -0.54 0.00	28.34 -0.58 0.00	26.97 -0.51 0.00	28.75 -0.46 0.00	32.74 -0.44 0.00	40.30 -0.37 0.00	48.13 -0.21 -5.67	51.59 -0.21 -8.47	47.33 -0.53 -1.64	58.11 -0.81 0.00	51.20 -0.54 0.00	47.59 -0.57 0.00	44.88 -0.55 0.00	44.64 -0.49 0.00	44.08 -0.41 0.00	63.31 -0.34 -11.09	65.78 -0.59 -12.55	51.36 -0.36 -8.35	46.27 -0.47 -6.61
INDECK___YERKES 23781	32.92 2.10 0.00	31.85 1.61 0.00	26.65 0.65 0.00	20.54 0.34 0.00	22.26 0.28 0.00	27.17 0.94 0.00	30.17 1.25 0.00	29.01 1.53 0.00	29.67 2.17 1.71	34.84 3.04 1.37	44.68 4.00 0.00	46.87 4.20 0.00	47.54 4.20 0.00	50.08 3.86 0.00	62.92 4.01 0.00	55.83 4.09 0.00	51.51 3.36 0.00	48.00 2.57 0.00	47.85 2.72 0.00	47.36 2.87 0.00	55.71 3.14 0.00	56.60 2.78 0.00	46.57 3.21 0.00	42.94 2.80 0.00
INDIAN POINT_GT_1 24139	32.61 1.79 0.00	31.64 1.40 0.00	27.14 1.14 0.00	20.98 0.77 0.00	22.79 0.81 0.00	27.25 1.01 0.00	30.14 1.22 0.00	45.05 1.39 -16.18	39.50 1.48 -8.82	45.38 1.60 -10.60	42.93 2.25 0.00	45.00 2.33 0.00	45.63 2.30 0.00	48.51 2.29 0.00	62.19 3.28 0.00	55.14 3.40 0.00	51.58 3.42 0.00	49.00 3.32 -0.25	48.17 3.04 0.00	47.15 2.66 0.00	55.54 2.98 0.00	56.68 2.83 -0.03	45.40 2.03 0.00	42.21 2.07 0.00
INDIAN POINT_GT_2 23659	32.61 1.79 0.00	31.64 1.40 0.00	27.14 1.14 0.00	20.98 0.77 0.00	22.79 0.81 0.00	27.25 1.01 0.00	30.14 1.22 0.00	45.05 1.39 -16.18	39.50 1.48 -8.82	45.38 1.60 -10.60	42.93 2.25 0.00	45.00 2.33 0.00	45.63 2.30 0.00	48.51 2.29 0.00	62.19 3.28 0.00	55.14 3.40 0.00	51.58 3.42 0.00	49.00 3.32 -0.25	48.17 3.04 0.00	47.15 2.66 0.00	55.54 2.98 0.00	56.68 2.83 -0.03	45.40 2.03 0.00	42.21 2.07 0.00
INDIAN POINT_GT_3 24019	32.61 1.79 0.00	31.64 1.40 0.00	27.14 1.14 0.00	20.98 0.77 0.00	22.79 0.81 0.00	27.25 1.01 0.00	30.14 1.22 0.00	45.05 1.39 -16.18	39.50 1.48 -8.82	45.38 1.60 -10.60	42.93 2.25 0.00	45.00 2.33 0.00	45.63 2.30 0.00	48.51 2.29 0.00	62.19 3.28 0.00	55.14 3.40 0.00	51.58 3.42 0.00	49.00 3.32 -0.25	48.17 3.04 0.00	47.15 2.66 0.00	55.54 2.98 0.00	56.68 2.83 -0.03	45.40 2.03 0.00	42.21 2.07 0.00
INDIAN POINT___2 23530	32.54 1.72 0.00	31.59 1.34 0.00	27.09 1.08 0.00	20.94 0.73 0.00	22.75 0.77 0.00	27.20 0.96 0.00	30.08 1.16 0.00	50.68 1.33 -21.86	42.53 1.41 -11.91	49.02 1.53 -14.33	42.82 2.14 0.00	44.89 2.22 0.00	45.53 2.19 0.00	48.40 2.18 0.00	62.05 3.13 0.00	55.01 3.27 0.00	51.46 3.30 0.00	48.89 3.23 -0.24	48.06 2.93 0.00	47.05 2.56 0.00	55.41 2.85 0.00	56.53 2.70 0.00	45.29 1.92 0.00	42.11 1.97 0.00
INDIAN POINT___3 23531	32.54 1.72 0.00	31.60 1.36 0.00	27.10 1.10 0.00	20.95 0.75 0.00	22.77 0.79 0.00	27.21 0.98 0.00	30.09 1.17 0.00	45.42 1.34 -16.60	39.67 1.41 -9.05	45.57 1.52 -10.88	42.81 2.13 0.00	44.88 2.22 0.00	45.52 2.19 0.00	48.39 2.16 0.00	62.03 3.12 0.00	55.00 3.26 0.00	51.43 3.28 0.00	48.86 3.18 -0.25	48.03 2.90 0.00	47.03 2.53 0.00	55.39 2.82 0.00	56.54 2.69 -0.03	45.27 1.91 0.00	42.10 1.96 0.00
INGHAM_C_115KV_TB7 356103	32.40 1.58 0.00	31.58 1.33 0.00	27.09 1.08 0.00	20.98 0.77 0.00	22.75 0.77 0.00	27.15 0.91 0.00	29.82 0.90 0.00	28.41 0.93 0.00	30.08 0.87 0.00	33.86 0.69 0.00	41.29 0.61 0.00	43.34 0.67 0.00	44.08 0.75 0.00	47.00 0.78 0.00	60.34 1.43 0.00	53.72 1.98 0.00	50.32 2.16 0.00	47.28 1.85 0.00	46.47 1.34 0.00	45.95 1.46 0.00	54.70 2.13 0.00	56.41 2.38 -0.21	45.01 1.64 0.00	41.54 1.40 0.00
IP CORINTH___1 23988	33.39 2.57 0.00	32.42 2.17 0.00	27.85 1.85 0.00	21.56 1.36 0.00	23.44 1.46 0.00	28.10 1.86 0.00	30.97 2.05 0.00	31.60 2.01 -2.11	32.61 2.21 -1.19	36.98 2.37 -1.44	43.51 2.83 0.00	45.73 3.06 0.00	46.60 3.27 0.00	49.71 3.48 0.00	63.76 4.85 0.00	56.06 4.32 0.00	52.07 3.91 0.00	49.91 3.43 -1.05	48.32 3.19 0.00	48.04 3.55 0.00	56.98 4.41 0.00	58.48 4.36 -0.29	46.66 3.29 0.00	42.97 2.83 0.00

IP__TICONDEROGA 23804	35.53 4.70 0.00	34.06 3.82 0.00	29.38 3.38 0.00	22.78 2.57 0.00	24.78 2.81 0.00	29.89 3.65 0.00	32.85 3.93 0.00	33.38 3.78 -2.12	34.35 3.95 -1.19	38.77 4.15 -1.44	45.60 4.92 0.00	48.08 5.41 0.00	49.13 5.80 0.00	52.22 5.99 0.00	67.14 8.23 0.00	59.55 7.81 0.00	55.37 7.22 0.00	52.59 6.06 -1.10	50.82 5.69 0.00	50.40 5.90 0.00	59.42 6.85 0.00	60.66 6.53 -0.31	49.22 5.85 0.00	45.26 5.12 0.00
ISLIP_RES_REC 323679	33.67 2.85 0.00	32.60 2.36 0.00	27.87 1.86 0.00	21.45 1.25 0.00	23.34 1.36 0.00	27.82 1.58 0.00	30.74 1.82 0.00	43.44 2.05 -13.91	38.89 2.09 -7.58	45.47 2.46 -9.84	61.02 4.02 -16.32	66.04 4.25 -19.12	67.05 4.06 -19.66	74.66 4.11 -24.33	97.63 5.74 -32.97	110.59 5.25 -53.60	239.78 5.41 -186.21	257.75 5.22 -207.11	257.67 4.93 -207.61	48.65 4.16 0.00	57.46 4.89 0.00	66.79 5.01 -7.96	62.98 3.70 -15.91	43.70 3.56 0.00
JAMAICA__27_KV_LOAD 355505	33.08 2.26 0.00	32.11 1.86 0.00	27.52 1.51 0.00	21.28 1.08 0.00	23.12 1.14 0.00	27.67 1.43 0.00	30.64 1.72 0.00	43.17 1.90 -13.79	38.75 2.03 -7.51	44.40 2.19 -9.04	43.65 2.97 0.00	45.73 3.06 0.00	46.41 3.08 0.00	49.30 3.07 0.00	63.32 4.40 -0.01	56.13 4.40 0.00	53.18 4.26 -0.77	49.81 4.13 -0.25	48.93 3.80 0.00	47.88 3.38 0.00	56.34 3.77 0.00	57.47 3.62 -0.03	46.07 2.70 0.00	42.94 2.80 0.00
JANIS__SOLAR 323808	33.17 2.35 0.00	32.36 2.12 0.00	27.61 1.61 0.00	21.44 1.23 0.00	23.32 1.34 0.00	28.07 1.83 0.00	31.05 2.13 0.00	29.68 2.20 0.00	31.87 2.16 -0.49	36.03 2.46 -0.39	43.98 3.30 0.00	47.16 3.39 -1.09	48.40 3.44 -1.63	50.33 3.79 -0.32	63.99 5.08 0.00	57.30 5.56 0.00	53.00 4.84 0.00	49.44 4.01 0.00	49.05 3.92 0.00	48.67 4.18 0.00	59.79 5.11 -2.12	61.25 5.11 -2.31	49.00 4.04 -1.59	44.75 3.35 -1.26
JARVIS____ 23743	31.22 0.40 0.00	30.55 0.31 0.00	26.26 0.26 0.00	20.38 0.18 0.00	22.18 0.20 0.00	26.47 0.23 0.00	29.15 0.23 0.00	27.72 0.24 0.00	29.50 0.29 0.00	33.50 0.33 0.00	41.13 0.45 0.00	43.10 0.43 0.00	43.76 0.43 0.00	46.61 0.39 0.00	59.47 0.56 0.00	52.31 0.57 0.00	48.71 0.55 0.00	45.94 0.51 0.00	45.58 0.46 0.00	44.95 0.46 0.00	53.16 0.59 0.00	54.63 0.59 -0.21	43.80 0.43 0.00	40.54 0.40 0.00
JENNISON__1 23625	32.79 1.98 0.00	32.11 1.87 0.00	27.49 1.49 0.00	21.41 1.20 0.00	23.25 1.27 0.00	28.01 1.78 0.00	30.95 2.03 0.00	29.75 2.26 0.00	31.67 2.45 0.00	36.24 3.06 0.00	44.87 4.20 0.00	47.86 4.41 -0.79	48.87 4.37 -1.17	51.06 4.61 -0.23	64.81 5.89 0.00	57.39 5.65 0.00	53.01 4.85 0.00	49.84 4.41 0.00	49.34 4.21 0.00	48.56 4.07 0.00	58.73 4.67 -1.49	60.28 4.83 -1.63	48.38 3.89 -1.12	44.31 3.29 -0.89
JENNISON__2 23626	32.79 1.98 0.00	32.11 1.87 0.00	27.49 1.49 0.00	21.41 1.20 0.00	23.25 1.27 0.00	28.01 1.78 0.00	30.95 2.03 0.00	29.75 2.26 0.00	31.67 2.45 0.00	36.24 3.06 0.00	44.87 4.20 0.00	47.86 4.41 -0.79	48.87 4.37 -1.17	51.06 4.61 -0.23	64.81 5.89 0.00	57.39 5.65 0.00	53.01 4.85 0.00	49.84 4.41 0.00	49.34 4.21 0.00	48.56 4.07 0.00	58.73 4.67 -1.49	60.28 4.83 -1.63	48.38 3.89 -1.12	44.31 3.29 -0.89
JERICHO_RISE_WT_PWR 323719	29.04 -1.78 0.00	28.59 -1.66 0.00	24.76 -1.24 0.00	19.33 -0.88 0.00	21.15 -0.83 0.00	25.36 -0.87 0.00	28.11 -0.81 0.00	26.88 -0.60 0.00	28.62 -0.59 0.00	32.31 -0.86 0.00	39.23 -1.45 0.00	40.67 -2.00 0.01	41.48 -1.85 0.00	44.24 -1.99 0.00	56.03 -2.88 0.00	48.56 -3.18 0.00	45.32 -2.84 0.00	42.81 -2.62 0.00	43.15 -1.98 0.00	42.61 -1.88 0.00	50.23 -2.34 0.00	50.93 -1.65 1.24	42.55 -0.82 0.00	39.50 -0.63 0.00
KATONAH__115KV_46KV_TB4 355592	32.87 2.05 0.00	31.90 1.66 0.00	27.35 1.34 0.00	21.14 0.94 0.00	22.96 0.98 0.00	27.46 1.22 0.00	30.38 1.46 0.00	37.54 1.64 -8.42	35.58 1.77 -4.59	40.68 1.98 -5.52	43.42 2.75 0.00	45.56 2.89 0.00	46.25 2.92 0.00	49.21 2.98 0.00	63.13 4.21 0.00	56.01 4.27 0.00	52.37 4.21 0.00	49.74 4.06 -0.25	48.89 3.76 0.00	47.85 3.36 0.00	56.30 3.73 0.00	57.43 3.58 -0.03	45.95 2.59 0.00	42.66 2.52 0.00
KCE_NY_1 323755	33.22 2.40 0.00	32.36 2.12 0.00	27.81 1.80 0.00	21.53 1.33 0.00	23.39 1.42 0.00	28.00 1.76 0.00	30.80 1.88 0.00	31.52 1.89 -2.14	32.45 2.03 -1.20	36.84 2.21 -1.45	43.30 2.62 0.00	45.47 2.80 0.00	46.22 2.89 0.00	49.37 3.14 0.00	63.17 4.26 0.00	55.67 3.93 0.00	52.01 3.85 0.00	50.15 3.55 -1.17	48.43 3.31 0.00	47.84 3.34 0.00	56.63 4.06 0.00	58.17 4.02 -0.32	46.36 3.00 0.00	42.79 2.65 0.00
KCE_NY_6_ESR 323823	33.14 2.32 0.00	32.04 1.80 0.00	26.86 0.86 0.00	20.69 0.48 0.00	22.44 0.46 0.00	27.41 1.17 0.00	30.43 1.51 0.00	29.33 1.85 0.00	29.76 2.46 1.91	35.00 3.35 1.53	45.18 4.50 0.00	47.53 4.86 0.00	48.16 4.83 0.00	50.77 4.55 0.00	63.94 5.03 0.00	56.72 4.98 0.00	52.28 4.12 0.00	48.76 3.33 0.00	48.58 3.45 0.00	48.03 3.54 0.00	56.46 3.89 0.00	57.35 3.52 0.00	47.02 3.65 0.00	43.24 3.10 0.00
KEDC_PORT_JEFF_GT2 24210	33.42 2.60 0.00	32.36 2.12 0.00	27.68 1.68 0.00	21.31 1.11 0.00	23.19 1.21 0.00	27.63 1.39 0.00	30.52 1.59 0.00	43.20 1.80 -13.91	38.60 1.80 -7.58	45.12 2.10 -9.84	60.64 3.64 -16.32	65.58 3.80 -19.12	66.38 3.39 -19.66	73.89 3.34 -24.33	98.95 4.67 -35.37	115.71 4.28 -59.69	277.43 4.49 -224.78	302.75 4.32 -252.99	299.47 4.08 -250.27	47.77 3.28 0.00	56.41 3.84 0.00	65.80 4.02 -7.96	62.29 3.01 -15.91	43.33 3.19 0.00
KEDC_PORT_JEFF_GT3 24211	33.42 2.60 0.00	32.36 2.12 0.00	27.68 1.68 0.00	21.31 1.11 0.00	23.19 1.21 0.00	27.63 1.39 0.00	30.52 1.59 0.00	43.20 1.80 -13.91	38.60 1.80 -7.58	45.12 2.10 -9.84	60.64 3.64 -16.32	65.58 3.80 -19.12	66.38 3.39 -19.66	73.89 3.34 -24.33	98.95 4.67 -35.37	115.71 4.28 -59.69	277.43 4.49 -224.78	302.75 4.32 -252.99	299.47 4.08 -250.27	47.77 3.28 0.00	56.41 3.84 0.00	65.80 4.02 -7.96	62.29 3.01 -15.91	43.33 3.19 0.00
KEDC_GLWD_GT4 24219	33.09 2.27 0.00	32.30 2.05 0.00	27.65 1.64 0.00	21.31 1.11 0.00	23.17 1.19 0.00	27.61 1.37 0.00	30.51 1.59 0.00	43.16 1.77 -13.91	38.40 1.61 -7.58	44.88 1.87 -9.83	60.15 3.15 -16.32	65.20 3.41 -19.12	66.42 3.43 -19.66	74.08 3.54 -24.33	86.09 4.89 -22.29	103.41 4.71 -46.96	111.09 4.72 -58.21	56.71 4.48 -6.80	66.82 4.17 -17.51	47.98 3.49 0.00	56.46 3.90 0.00	65.78 3.99 -7.96	62.22 2.94 -15.91	42.88 2.74 0.00
KEDC_GLWD_GT5 24220	33.09 2.27 0.00	32.30 2.05 0.00	27.65 1.64 0.00	21.31 1.11 0.00	23.17 1.19 0.00	27.61 1.37 0.00	30.51 1.59 0.00	43.16 1.77 -13.91	38.40 1.61 -7.58	44.88 1.87 -9.83	60.15 3.15 -16.32	65.20 3.41 -19.12	66.42 3.43 -19.66	74.08 3.54 -24.33	86.09 4.89 -22.29	103.41 4.71 -46.96	111.09 4.72 -58.21	56.71 4.48 -6.80	66.82 4.17 -17.51	47.98 3.49 0.00	56.46 3.90 0.00	65.78 3.99 -7.96	62.22 2.94 -15.91	42.88 2.74 0.00

KENSICO____ 23655	32.71 1.88 0.00	31.73 1.49 0.00	27.21 1.21 0.00	21.04 0.83 0.00	22.85 0.88 0.00	27.33 1.09 0.00	30.23 1.31 0.00	43.68 1.49 -14.71	38.82 1.59 -8.02	44.56 1.74 -9.64	43.09 2.41 0.00	45.17 2.50 0.00	45.79 2.46 0.00	48.67 2.45 0.00	62.40 3.48 0.00	55.31 3.57 0.00	51.73 3.58 0.00	49.15 3.46 -0.25	48.30 3.17 0.00	47.28 2.78 0.00	55.67 3.11 0.00	56.84 2.98 -0.03	45.53 2.16 0.00	42.34 2.21 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.67 1.85 0.00	31.72 1.48 0.00	27.17 1.17 0.00	21.00 0.80 0.00	22.83 0.85 0.00	27.29 1.06 0.00	30.21 1.30 0.00	29.00 1.52 0.00	30.81 1.59 0.00	34.72 1.54 0.00	42.93 2.25 0.00	45.07 2.40 0.00	45.82 2.49 0.00	48.96 2.73 0.00	62.65 3.74 0.00	55.55 3.81 0.00	51.98 3.82 0.00	49.15 3.88 0.16	48.79 3.66 0.00	47.88 3.39 0.00	56.47 3.90 0.00	57.80 4.03 0.05	46.21 2.85 0.00	42.70 2.56 0.00
KIAC_JFK_GT1 23816	32.73 1.91 0.00	31.85 1.61 0.00	27.33 1.33 0.00	21.14 0.94 0.00	22.97 0.99 0.00	27.47 1.24 0.00	30.39 1.47 0.00	42.86 1.59 -13.79	38.42 1.70 -7.51	44.03 1.81 -9.04	43.14 2.46 0.00	45.21 2.54 0.00	45.86 2.53 0.00	48.71 2.49 0.00	62.59 3.67 -0.01	55.46 3.72 0.00	52.56 3.63 -0.77	49.23 3.55 -0.25	48.35 3.22 0.00	47.32 2.83 0.00	55.66 3.09 0.00	56.80 2.94 -0.03	45.55 2.19 0.00	42.47 2.34 0.00
KIAC_JFK_GT2 23817	32.73 1.91 0.00	31.85 1.61 0.00	27.33 1.33 0.00	21.14 0.94 0.00	22.97 0.99 0.00	27.47 1.24 0.00	30.39 1.47 0.00	42.86 1.59 -13.79	38.42 1.70 -7.51	44.03 1.81 -9.04	43.14 2.46 0.00	45.21 2.54 0.00	45.86 2.53 0.00	48.71 2.49 0.00	62.59 3.67 -0.01	55.46 3.72 0.00	52.56 3.63 -0.77	49.23 3.55 -0.25	48.35 3.22 0.00	47.32 2.83 0.00	55.66 3.09 0.00	56.80 2.94 -0.03	45.55 2.19 0.00	42.47 2.34 0.00
KIAC_JFK____ 323774	32.73 1.91 0.00	31.85 1.61 0.00	27.33 1.33 0.00	21.14 0.94 0.00	22.97 0.99 0.00	27.47 1.24 0.00	30.39 1.47 0.00	42.86 1.59 -13.79	38.42 1.69 -7.51	44.03 1.82 -9.04	43.14 2.46 0.00	45.20 2.54 0.00	45.85 2.52 0.00	48.71 2.49 0.00	62.58 3.66 -0.01	55.46 3.72 0.00	52.55 3.63 -0.77	49.24 3.56 -0.25	48.35 3.22 0.00	47.33 2.83 0.00	55.66 3.09 0.00	56.79 2.94 -0.03	45.55 2.18 0.00	42.47 2.34 0.00
KINTIGH____ 23543	32.19 1.36 0.00	31.21 0.97 0.00	26.25 0.25 0.00	20.28 0.07 0.00	22.00 0.02 0.00	26.76 0.52 0.00	29.67 0.75 0.00	28.46 0.97 0.00	30.70 1.48 0.00	35.34 2.17 0.00	43.55 2.87 0.00	45.73 3.06 0.00	46.34 3.01 0.00	48.85 2.63 0.00	61.47 2.56 0.00	54.44 2.71 0.00	50.31 2.15 0.00	47.11 1.67 0.00	46.83 1.70 0.00	46.33 1.83 0.00	54.52 1.95 0.00	55.33 1.50 0.00	45.34 1.98 0.00	41.82 1.69 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.69 -1.13 0.00	29.11 -1.14 0.00	25.25 -0.75 0.00	19.65 -0.55 0.00	21.52 -0.46 0.00	25.86 -0.38 0.00	28.68 -0.25 0.00	27.49 0.00 0.00	29.34 0.12 0.00	33.02 -0.16 0.00	40.11 -0.57 0.01	41.30 -1.37 0.00	42.04 -1.29 0.00	44.63 -1.59 0.00	56.50 -2.42 0.00	48.88 -2.86 0.00	45.59 -2.57 0.00	43.07 -2.36 0.00	43.44 -1.69 0.00	42.90 -1.60 0.00	50.67 -1.90 0.00	51.90 -0.86 1.06	43.46 0.10 0.00	40.38 0.24 0.00
LACHUTE__HYDRO 323717	35.52 4.70 0.00	34.06 3.81 0.00	29.38 3.38 0.00	22.78 2.57 0.00	24.78 2.81 0.00	29.89 3.65 0.00	32.85 3.93 0.00	33.38 3.78 -2.12	34.35 3.95 -1.19	38.77 4.15 -1.44	45.60 4.92 0.00	48.08 5.41 0.00	49.13 5.80 0.00	52.22 5.99 0.00	67.14 8.23 0.00	59.55 7.81 0.00	55.37 7.21 0.00	52.59 6.06 -1.10	50.82 5.69 0.00	50.40 5.90 0.00	59.42 6.85 0.00	60.66 6.53 -0.31	49.22 5.86 0.00	45.26 5.12 0.00
LAWRNCV_115KV_TB1 80681	29.45 -1.38 0.00	29.07 -1.18 0.00	25.10 -0.90 0.00	19.51 -0.70 0.00	21.34 -0.63 0.00	25.51 -0.73 0.00	28.24 -0.68 0.00	26.53 -0.95 0.00	27.90 -1.32 0.00	31.64 -1.53 0.00	38.52 -2.16 0.00	40.18 -2.47 0.02	40.84 -2.49 0.00	43.78 -2.44 0.00	55.41 -3.50 0.00	48.08 -3.66 0.00	44.76 -3.39 0.00	42.34 -3.09 0.00	42.56 -2.57 0.00	42.16 -2.33 0.00	50.22 -2.35 0.00	48.73 -2.06 3.04	42.28 -1.08 0.00	39.24 -0.90 0.00
LEDERLE____ 23769	32.65 1.83 0.00	31.70 1.46 0.00	27.17 1.17 0.00	21.01 0.80 0.00	22.83 0.85 0.00	27.29 1.06 0.00	30.19 1.27 0.00	8.84 1.42 20.06	19.79 1.51 10.93	21.70 1.67 13.14	43.03 2.35 0.00	45.15 2.48 0.00	45.83 2.49 0.00	48.75 2.53 0.00	62.52 3.60 0.00	55.42 3.68 0.00	51.87 3.71 0.00	49.26 3.60 -0.23	48.42 3.29 0.00	47.38 2.89 0.00	55.79 3.22 0.00	56.86 3.04 0.00	45.50 2.14 0.00	42.26 2.13 0.00
LIGHTHSE_115KV_TB6 355974	31.32 0.50 0.00	30.53 0.29 0.00	26.13 0.12 0.00	20.14 -0.06 0.00	22.03 0.06 0.00	26.36 0.12 0.00	29.11 0.19 0.00	27.53 0.04 0.00	29.50 0.29 0.00	33.70 0.53 0.00	41.64 0.96 0.00	46.86 1.14 -3.06	48.95 1.06 -4.56	47.72 0.62 -0.88	59.29 0.38 0.00	52.19 0.45 0.00	48.43 0.27 0.00	45.76 0.33 0.00	45.72 0.59 0.00	45.32 0.83 0.00	59.88 1.35 -5.97	62.93 1.53 -7.57	49.16 1.31 -4.49	44.61 0.92 -3.55
LINDEN COGEN____ 23786	32.63 1.81 0.00	31.61 1.37 0.00	27.10 1.10 0.00	20.95 0.74 0.00	22.76 0.78 0.00	27.21 0.98 0.00	30.00 1.21 0.13	34.11 1.44 -5.18	38.19 1.56 -7.42	41.88 1.68 -7.02	42.98 2.30 0.01	45.01 2.34 0.00	45.59 2.26 0.00	46.80 2.19 1.61	52.54 3.11 9.49	46.31 3.32 8.75	51.45 3.30 0.01	48.72 3.22 -0.07	48.01 2.89 0.01	47.03 2.53 0.00	55.40 2.83 0.00	56.54 2.68 -0.03	45.31 1.95 0.00	42.31 2.17 0.00
LINDHRST_69_KV_BK1 356055	33.51 2.69 0.00	32.46 2.22 0.00	27.80 1.80 0.00	21.40 1.20 0.00	23.28 1.30 0.00	27.74 1.50 0.00	30.65 1.73 0.00	43.32 1.92 -13.91	38.73 1.94 -7.58	45.22 2.22 -9.83	60.66 3.66 -16.32	65.65 3.86 -19.12	66.83 3.83 -19.66	74.46 3.91 -24.33	87.62 5.43 -23.27	87.58 5.06 -30.78	87.39 5.14 -34.08	72.19 4.93 -21.83	84.84 4.68 -35.03	48.46 3.96 0.00	57.20 4.63 0.00	66.63 4.86 -7.95	62.90 3.62 -15.91	43.49 3.35 0.00
LIPA_MISC_IPP 23656	33.40 2.58 0.00	32.34 2.10 0.00	27.65 1.65 0.00	21.29 1.09 0.00	23.17 1.19 0.00	27.61 1.37 0.00	30.51 1.58 0.00	43.19 1.80 -13.91	38.59 1.80 -7.58	45.09 2.07 -9.84	60.60 3.60 -16.32	65.59 3.80 -19.12	66.62 3.62 -19.66	74.14 3.59 -24.33	97.29 5.06 -33.32	110.54 4.53 -54.27	244.28 4.73 -191.39	263.82 4.59 -213.80	263.35 4.35 -213.87	47.98 3.48 0.00	56.78 4.21 0.00	66.17 4.39 -7.95	62.50 3.22 -15.91	43.29 3.15 0.00
LISF__SOLAR 323691	33.49 2.67 0.00	32.43 2.19 0.00	27.73 1.72 0.00	21.35 1.14 0.00	23.23 1.25 0.00	27.68 1.44 0.00	30.58 1.67 0.00	43.27 1.88 -13.91	38.66 1.87 -7.58	45.17 2.16 -9.84	60.71 3.71 -16.32	65.70 3.91 -19.12	66.71 3.71 -19.66	74.26 3.71 -24.33	97.59 5.20 -33.48	111.12 4.67 -54.71	247.06 4.86 -194.04	267.05 4.77 -216.86	266.36 4.53 -216.71	48.16 3.67 0.00	56.99 4.42 0.00	66.39 4.60 -7.96	62.67 3.39 -15.91	43.43 3.29 0.00

LITTLE FALLS___HYD 24013	32.40 1.58 0.00	31.58 1.33 0.00	27.09 1.08 0.00	20.98 0.77 0.00	22.75 0.77 0.00	27.15 0.91 0.00	29.82 0.90 0.00	28.41 0.93 0.00	30.08 0.87 0.00	33.86 0.69 0.00	41.29 0.61 0.00	43.34 0.67 0.00	44.08 0.75 0.00	47.00 0.78 0.00	60.34 1.43 0.00	53.72 1.98 0.00	50.32 2.16 0.00	47.28 1.85 0.00	46.47 1.34 0.00	45.95 1.46 0.00	54.70 2.13 0.00	56.41 2.38 -0.21	45.01 1.64 0.00	41.54 1.40 0.00
LITTLRIV_115KV_TB1 356100	29.91 -0.91 0.00	29.52 -0.72 0.00	25.49 -0.51 0.00	19.81 -0.39 0.00	21.67 -0.30 0.00	25.94 -0.30 0.00	28.75 -0.17 0.00	26.96 -0.53 0.00	28.22 -1.00 0.00	32.00 -1.17 0.00	38.92 -1.76 0.00	41.09 -1.93 -0.35	41.89 -2.00 -0.56	44.60 -1.73 -0.11	56.11 -2.81 0.00	48.58 -3.16 0.00	45.26 -2.90 0.00	43.05 -2.38 0.00	43.54 -1.59 0.00	43.09 -1.40 0.00	51.92 -1.38 -0.73	50.29 -1.07 2.46	43.61 -0.30 -0.55	40.30 -0.27 -0.43
LI_NEWBRDGE___DRP 323616	32.93 2.11 0.00	31.95 1.71 0.00	27.36 1.36 0.00	21.11 0.90 0.00	22.95 0.97 0.00	27.34 1.10 0.00	30.19 1.27 0.00	42.84 1.44 -13.91	38.22 1.43 -7.58	44.63 1.62 -9.83	59.83 2.82 -16.32	64.78 2.99 -19.12	65.91 2.91 -19.66	73.46 2.91 -24.33	85.26 4.06 -22.29	78.92 3.93 -23.25	59.44 4.03 -7.25	51.24 3.85 -1.97	66.22 3.58 -17.51	47.45 2.95 0.00	55.95 3.38 0.00	65.30 3.52 -7.95	61.90 2.62 -15.91	42.65 2.51 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.61 1.79 0.00	31.54 1.30 0.00	26.43 0.43 0.00	20.36 0.16 0.00	22.09 0.11 0.00	26.96 0.73 0.00	29.93 1.01 0.00	28.74 1.26 0.00	31.06 1.85 0.00	35.76 2.59 0.00	43.94 3.26 0.00	46.10 3.43 0.00	46.79 3.45 0.00	49.30 3.08 0.00	61.86 2.94 0.00	54.98 3.24 0.00	50.74 2.58 0.00	47.41 1.98 0.00	47.20 2.07 0.00	46.76 2.26 0.00	55.01 2.44 0.00	55.89 2.07 0.00	46.11 2.74 0.00	42.51 2.37 0.00
LOCKPORT___CC1 323769	32.45 1.63 0.00	31.40 1.16 0.00	26.31 0.30 0.00	20.27 0.07 0.00	21.99 0.01 0.00	26.85 0.61 0.00	29.80 0.88 0.00	28.63 1.14 0.00	29.38 1.71 1.54	34.38 2.43 1.23	43.81 3.13 0.00	46.02 3.35 0.00	46.66 3.33 0.00	49.10 2.88 0.00	61.61 2.70 0.00	54.74 3.00 0.00	50.53 2.37 0.00	47.07 1.64 0.00	46.98 1.85 0.00	46.53 2.04 0.00	54.78 2.21 0.00	55.70 1.87 0.00	45.92 2.56 0.00	42.33 2.19 0.00
LOCKPORT___CC2 323770	32.45 1.63 0.00	31.40 1.16 0.00	26.31 0.30 0.00	20.27 0.07 0.00	21.99 0.01 0.00	26.85 0.61 0.00	29.80 0.88 0.00	28.63 1.14 0.00	29.38 1.71 1.54	34.38 2.43 1.23	43.81 3.13 0.00	46.02 3.35 0.00	46.66 3.33 0.00	49.10 2.88 0.00	61.61 2.70 0.00	54.74 3.00 0.00	50.53 2.37 0.00	47.07 1.64 0.00	46.98 1.85 0.00	46.53 2.04 0.00	54.78 2.21 0.00	55.70 1.87 0.00	45.92 2.56 0.00	42.33 2.19 0.00
LOCKPORT___CC3 323771	32.45 1.63 0.00	31.40 1.16 0.00	26.31 0.30 0.00	20.27 0.07 0.00	21.99 0.01 0.00	26.85 0.61 0.00	29.80 0.88 0.00	28.63 1.14 0.00	29.38 1.71 1.54	34.38 2.43 1.23	43.81 3.13 0.00	46.02 3.35 0.00	46.66 3.33 0.00	49.10 2.88 0.00	61.61 2.70 0.00	54.74 3.00 0.00	50.53 2.37 0.00	47.07 1.64 0.00	46.98 1.85 0.00	46.53 2.04 0.00	54.78 2.21 0.00	55.70 1.87 0.00	45.92 2.56 0.00	42.33 2.19 0.00
LONG_LAKE_PHOENIX 24014	30.92 0.09 0.00	30.19 -0.05 0.00	25.85 -0.15 0.00	20.05 -0.15 0.00	21.79 -0.18 0.00	26.08 -0.16 0.00	28.77 -0.15 0.00	27.44 -0.04 0.00	29.25 0.03 0.00	33.29 0.11 0.00	40.91 0.23 0.00	47.42 0.46 -4.29	50.27 0.52 -6.41	47.78 0.31 -1.24	59.19 0.28 0.00	52.20 0.46 0.00	48.52 0.36 0.00	45.77 0.34 0.00	45.49 0.36 0.00	44.91 0.41 0.00	61.51 0.56 -8.38	63.42 0.11 -9.49	49.93 0.26 -6.31	45.23 0.09 -5.00
LOVETT___3 23632	32.41 1.59 0.00	31.49 1.25 0.00	27.01 1.01 0.00	20.89 0.68 0.00	22.70 0.72 0.00	27.13 0.90 0.00	30.01 1.09 0.00	7.82 1.22 20.89	19.10 1.27 11.38	20.85 1.35 13.68	42.62 1.94 0.00	44.71 2.04 0.00	45.35 2.02 0.00	48.22 2.00 0.00	61.82 2.91 0.00	54.80 3.06 0.00	51.28 3.13 0.00	48.71 3.05 -0.23	47.89 2.76 0.00	46.87 2.38 0.00	55.21 2.64 0.00	56.30 2.47 0.00	45.09 1.73 0.00	41.91 1.77 0.00
LOVETT___4 23642	32.41 1.59 0.00	31.49 1.25 0.00	27.01 1.01 0.00	20.89 0.68 0.00	22.70 0.72 0.00	27.13 0.90 0.00	30.01 1.09 0.00	7.82 1.22 20.89	19.10 1.27 11.38	20.85 1.35 13.68	42.62 1.94 0.00	44.71 2.04 0.00	45.35 2.02 0.00	48.22 2.00 0.00	61.82 2.91 0.00	54.80 3.06 0.00	51.28 3.13 0.00	48.71 3.05 -0.23	47.89 2.76 0.00	46.87 2.38 0.00	55.21 2.64 0.00	56.30 2.47 0.00	45.09 1.73 0.00	41.91 1.77 0.00
LOVETT___5 23593	32.41 1.59 0.00	31.49 1.25 0.00	27.01 1.01 0.00	20.89 0.68 0.00	22.70 0.72 0.00	27.13 0.90 0.00	30.01 1.09 0.00	7.82 1.22 20.89	19.10 1.27 11.38	20.85 1.35 13.68	42.62 1.94 0.00	44.71 2.04 0.00	45.35 2.02 0.00	48.22 2.00 0.00	61.82 2.91 0.00	54.80 3.06 0.00	51.28 3.13 0.00	48.71 3.05 -0.23	47.89 2.76 0.00	46.87 2.38 0.00	55.21 2.64 0.00	56.30 2.47 0.00	45.09 1.73 0.00	41.91 1.77 0.00
LOWER RAQUET___HYD 24057	29.49 -1.33 0.00	29.10 -1.15 0.00	25.12 -0.88 0.00	19.51 -0.70 0.00	21.37 -0.61 0.00	25.54 -0.69 0.00	28.28 -0.64 0.00	26.53 -0.95 0.00	27.86 -1.36 0.00	31.60 -1.57 0.00	38.46 -2.22 0.00	40.48 -2.57 -0.38	41.34 -2.59 -0.59	43.77 -2.57 -0.11	55.21 -3.70 0.00	47.90 -3.84 0.00	44.59 -3.56 0.00	42.19 -3.24 0.00	42.46 -2.67 0.00	42.09 -2.40 0.00	51.01 -2.33 -0.78	49.19 -2.02 2.61	42.98 -0.97 -0.58	39.79 -0.80 -0.46
LOWER___HUDSON 24059	32.68 1.85 0.00	31.89 1.64 0.00	27.42 1.42 0.00	21.25 1.04 0.00	23.07 1.10 0.00	27.55 1.32 0.00	30.26 1.34 0.00	31.12 1.32 -2.32	31.90 1.39 -1.29	36.22 1.49 -1.56	42.42 1.74 0.00	44.38 1.71 0.00	45.03 1.70 0.00	47.98 1.76 0.00	61.43 2.52 0.00	54.17 2.43 0.00	50.66 2.50 0.00	49.78 2.39 -1.96	47.33 2.20 0.00	46.64 2.15 0.00	55.22 2.65 0.00	56.98 2.63 -0.52	45.30 1.94 0.00	41.94 1.80 0.00
LOWVILLE_115KV_TB2 356335	31.88 1.06 0.00	31.01 0.77 0.00	26.55 0.55 0.00	20.20 -0.01 0.00	22.53 0.55 0.00	26.93 0.69 0.00	29.80 0.88 0.00	27.68 0.19 0.00	29.99 0.78 0.00	34.40 1.22 0.00	42.48 1.80 0.00	45.56 1.96 -0.93	46.55 1.85 -1.37	47.90 1.42 -0.26	59.89 0.98 0.00	52.61 0.88 0.00	48.77 0.61 0.00	46.03 0.60 0.00	46.26 1.13 0.00	46.29 1.80 0.00	57.17 2.82 -1.79	61.87 3.25 -4.79	47.54 2.83 -1.34	43.47 2.26 -1.06
LUTHERFT_115KV_GLOB_FND_222 355753	33.20 2.38 0.00	32.35 2.11 0.00	27.80 1.80 0.00	21.53 1.32 0.00	23.39 1.42 0.00	27.99 1.75 0.00	30.80 1.87 0.00	31.48 1.85 -2.14	32.41 2.00 -1.20	36.81 2.18 -1.45	43.28 2.60 0.00	45.42 2.74 0.00	46.17 2.84 0.00	49.27 3.04 0.00	63.05 4.13 0.00	55.58 3.84 0.00	51.87 3.72 0.00	50.06 3.45 -1.17	48.34 3.21 0.00	47.76 3.27 0.00	56.56 3.99 0.00	58.10 3.95 -0.32	46.33 2.97 0.00	42.77 2.63 0.00

LUTHERNY_35_KV_BK2 355980	33.22 2.40 0.00	32.36 2.12 0.00	27.81 1.80 0.00	21.54 1.33 0.00	23.39 1.42 0.00	28.00 1.76 0.00	30.80 1.88 0.00	31.52 1.90 -2.14	32.45 2.04 -1.20	36.84 2.21 -1.45	43.31 2.63 0.00	45.46 2.79 0.00	46.23 2.89 0.00	49.37 3.14 0.00	63.17 4.26 0.00	55.66 3.93 0.00	52.01 3.85 0.00	50.15 3.55 -1.17	48.43 3.31 0.00	47.84 3.34 0.00	56.63 4.06 0.00	58.17 4.02 -0.32	46.36 3.00 0.00	42.79 2.65 0.00
LWR___OSWEGATCHIE_HYD 23850	30.82 0.00 0.00	30.16 -0.08 0.00	25.92 -0.08 0.00	19.92 -0.29 0.00	22.00 0.02 0.00	26.30 0.07 0.00	29.12 0.20 0.00	27.18 -0.30 0.00	29.00 -0.22 0.00	33.11 -0.07 0.00	40.64 -0.04 0.00	43.40 -0.10 -0.83	44.28 -0.22 -1.17	45.86 -0.59 -0.23	57.52 -1.39 0.00	50.22 -1.52 0.00	46.69 -1.47 0.00	44.14 -1.29 0.00	44.40 -0.72 0.00	44.22 -0.28 0.00	54.47 0.37 -1.54	63.12 0.86 -8.44	45.64 1.12 -1.16	41.91 0.86 -0.91
LYONS_FALL_HYD 23570	32.01 1.19 0.00	31.18 0.94 0.00	26.71 0.71 0.00	20.47 0.26 0.00	22.63 0.65 0.00	27.05 0.81 0.00	29.89 0.97 0.00	28.02 0.54 0.00	30.16 0.95 0.00	34.48 1.30 0.00	42.52 1.84 0.00	45.30 1.96 -0.68	46.22 1.90 -1.00	48.08 1.66 -0.19	60.52 1.61 0.00	53.18 1.44 0.00	49.40 1.24 0.00	46.63 1.20 0.00	46.63 1.50 0.00	46.45 1.95 0.00	56.61 2.73 -1.30	60.12 2.99 -3.30	46.87 2.53 -0.98	42.96 2.05 -0.78
MADISON___COUNTY_LFGE 323628	32.49 1.67 0.00	31.68 1.43 0.00	27.12 1.12 0.00	21.00 0.79 0.00	22.91 0.93 0.00	27.43 1.19 0.00	30.28 1.36 0.00	28.75 1.26 0.00	30.66 1.45 0.00	34.86 1.68 0.00	42.89 2.21 0.00	45.57 2.19 -0.70	46.53 2.14 -1.05	48.65 2.22 -0.20	61.66 2.74 0.00	54.29 2.55 0.00	50.45 2.30 0.00	47.61 2.18 0.00	47.33 2.20 0.00	46.90 2.40 0.00	56.91 2.97 -1.37	58.88 2.99 -2.06	46.98 2.58 -1.03	43.08 2.13 -0.82
MALONE___115KV_TB1 356076	29.59 -1.24 0.00	29.11 -1.14 0.00	25.17 -0.83 0.00	19.61 -0.60 0.00	21.46 -0.52 0.00	25.75 -0.49 0.00	28.54 -0.37 0.00	27.23 -0.26 0.00	28.89 -0.32 0.00	32.67 -0.50 0.00	39.69 -0.98 0.00	41.20 -1.46 0.01	41.97 -1.36 0.00	44.88 -1.34 0.00	56.79 -2.12 0.00	49.21 -2.53 0.00	45.88 -2.28 0.00	43.36 -2.07 0.00	43.73 -1.40 0.00	43.25 -1.25 0.00	51.11 -1.45 0.00	51.24 -0.79 1.80	43.23 -0.14 0.00	40.04 -0.10 0.00
MAPLEWOD_115KV_TB3 80458	32.62 1.80 0.00	31.85 1.61 0.00	27.40 1.40 0.00	21.23 1.03 0.00	23.05 1.07 0.00	27.52 1.28 0.00	30.21 1.29 0.00	31.02 1.25 -2.29	31.81 1.33 -1.28	36.14 1.43 -1.54	42.34 1.66 0.00	44.31 1.64 0.00	44.93 1.59 0.00	47.82 1.60 0.00	61.26 2.35 0.00	54.10 2.36 0.00	50.57 2.41 0.00	49.79 2.26 -2.10	47.13 2.00 0.00	46.40 1.90 0.00	54.90 2.33 0.00	56.70 2.31 -0.56	45.06 1.70 0.00	41.78 1.64 0.00
MAPLE_RIDGE_WT_1 323574	30.25 -0.57 0.00	29.59 -0.65 0.00	25.44 -0.56 0.00	19.70 -0.51 0.00	21.67 -0.30 0.00	25.78 -0.46 0.00	28.50 -0.42 0.00	26.91 -0.57 0.00	28.81 -0.40 0.00	32.84 -0.34 0.00	40.26 -0.42 0.00	42.19 -0.48 0.00	42.76 -0.57 0.00	45.63 -0.59 0.00	58.03 -0.89 0.00	50.82 -0.92 0.00	47.22 -0.94 0.00	44.44 -1.00 0.00	44.25 -0.88 0.00	43.79 -0.70 0.00	51.86 -0.71 0.00	53.04 -0.53 0.26	43.06 -0.30 0.00	39.87 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	30.25 -0.57 0.00	29.59 -0.65 0.00	25.44 -0.56 0.00	19.70 -0.51 0.00	21.67 -0.30 0.00	25.78 -0.46 0.00	28.50 -0.42 0.00	26.91 -0.57 0.00	28.81 -0.40 0.00	32.84 -0.34 0.00	40.26 -0.42 0.00	42.19 -0.48 0.00	42.76 -0.57 0.00	45.63 -0.59 0.00	58.03 -0.89 0.00	50.82 -0.92 0.00	47.22 -0.94 0.00	44.44 -1.00 0.00	44.25 -0.88 0.00	43.79 -0.70 0.00	51.86 -0.71 0.00	53.04 -0.53 0.26	43.06 -0.30 0.00	39.87 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	29.14 -1.69 0.00	28.64 -1.60 0.00	24.82 -1.18 0.00	19.36 -0.85 0.00	21.20 -0.78 0.00	25.45 -0.79 0.00	28.20 -0.72 0.00	27.01 -0.48 0.00	28.79 -0.42 0.00	32.48 -0.69 0.00	39.45 -1.23 0.00	40.81 -1.85 0.01	41.59 -1.74 0.00	44.25 -1.97 0.00	56.04 -2.87 0.00	48.55 -3.18 0.00	45.33 -2.83 0.00	42.83 -2.60 0.00	43.16 -1.97 0.00	42.61 -1.88 0.00	50.28 -2.29 0.00	51.28 -1.54 1.00	42.75 -0.62 0.00	39.72 -0.42 0.00
MARSHVLE_115KV_TB1 80742	32.95 2.12 0.00	32.28 2.04 0.00	27.67 1.67 0.00	21.46 1.26 0.00	23.40 1.42 0.00	28.03 1.79 0.00	30.99 2.07 0.00	29.38 1.90 0.00	32.14 1.95 -0.97	37.11 2.56 -1.37	43.52 2.84 0.00	45.79 3.12 0.00	46.59 3.25 0.00	49.60 3.37 0.00	63.03 4.12 0.00	55.39 3.65 0.00	51.80 3.64 0.00	49.46 3.57 -0.46	48.71 3.58 0.00	48.21 3.71 0.00	57.26 4.69 0.00	58.79 4.83 -0.13	47.29 3.92 0.00	43.61 3.47 0.00
MARSH_HILL_WT_PWR 323713	32.80 1.98 0.00	31.91 1.66 0.00	26.75 0.75 0.00	20.52 0.31 0.00	22.15 0.17 0.00	27.07 0.83 0.00	29.69 0.77 0.00	29.30 1.82 0.00	31.73 2.52 0.00	36.27 3.10 0.00	44.85 4.17 0.00	47.53 4.37 -0.49	48.37 4.30 -0.74	50.57 4.20 -0.14	63.65 4.73 0.00	56.43 4.69 0.00	52.02 3.86 0.00	48.77 3.34 0.00	48.72 3.59 0.00	48.13 3.63 0.00	57.61 4.08 -0.96	58.68 3.80 -1.05	47.76 3.67 -0.72	43.78 3.06 -0.57
MCINTYRE_115KV_TB2 80467	30.04 -0.78 0.00	29.68 -0.56 0.00	25.63 -0.37 0.00	19.95 -0.25 0.00	21.80 -0.18 0.00	26.10 -0.14 0.00	28.92 0.00 0.00	27.11 -0.37 0.00	28.30 -0.91 0.00	32.09 -1.08 0.00	39.00 -1.68 0.00	40.93 -1.72 0.02	41.51 -1.82 0.00	44.84 -1.39 0.00	56.44 -2.47 0.00	48.83 -2.91 0.00	45.47 -2.68 0.00	43.47 -1.96 0.00	44.09 -1.04 0.00	43.59 -0.90 0.00	51.54 -1.03 0.00	50.19 -0.71 2.93	43.23 -0.14 0.00	40.00 -0.13 0.00
MECO_____69_KV_BK1 80468	34.69 3.87 0.00	33.96 3.72 0.00	29.03 3.02 0.00	22.45 2.24 0.00	24.41 2.43 0.00	29.29 3.06 0.00	32.16 3.24 0.00	30.36 2.88 0.00	32.80 2.61 -0.97	38.03 3.48 -1.37	42.57 1.89 0.00	44.59 1.92 0.00	45.95 2.62 0.00	48.25 2.03 0.00	61.91 3.00 0.00	56.91 5.17 0.00	55.74 7.59 0.00	51.98 6.03 -0.52	50.93 5.80 0.00	51.68 7.19 0.00	61.27 8.70 0.00	62.27 8.29 -0.15	49.48 6.12 0.00	45.44 5.30 0.00
MENANDS___115KV_TB5 355628	32.36 1.54 0.00	31.61 1.37 0.00	27.22 1.22 0.00	21.10 0.90 0.00	22.90 0.92 0.00	27.33 1.10 0.00	29.99 1.07 0.00	30.80 1.02 -2.30	31.55 1.06 -1.28	35.85 1.13 -1.54	41.96 1.29 0.00	43.88 1.21 0.00	44.45 1.12 0.00	47.30 1.07 0.00	60.56 1.65 0.00	53.43 1.69 0.00	49.96 1.80 0.00	48.90 1.68 -1.79	46.60 1.47 0.00	45.85 1.36 0.00	54.24 1.67 0.00	55.96 1.65 -0.49	44.56 1.20 0.00	41.39 1.25 0.00
MG INDUSTRY___DRP 24185	32.26 1.44 0.00	31.58 1.34 0.00	27.22 1.22 0.00	21.10 0.90 0.00	22.91 0.94 0.00	27.34 1.11 0.00	29.99 1.07 0.00	30.45 0.94 -2.03	31.27 0.93 -1.12	35.48 0.96 -1.35	41.35 0.67 0.00	42.63 -0.03 0.00	42.83 -0.50 0.00	45.57 -0.65 0.00	58.58 -0.33 0.00	51.78 0.04 0.00	48.18 0.03 0.00	43.09 0.04 2.39	45.23 0.10 0.00	44.55 0.05 0.00	52.76 0.19 0.00	53.55 0.25 0.52	43.77 0.41 0.00	41.25 1.11 0.00

MID___OSWEGATCHIE_HYD 23849	30.82 0.00 0.00	30.16 -0.08 0.00	25.92 -0.08 0.00	19.92 -0.29 0.00	22.00 0.02 0.00	26.30 0.07 0.00	29.12 0.20 0.00	27.18 -0.30 0.00	29.00 -0.22 0.00	33.11 -0.07 0.00	40.64 -0.04 0.00	43.40 -0.10 -0.83	44.28 -0.22 -1.17	45.86 -0.59 -0.23	57.52 -1.39 0.00	50.22 -1.52 0.00	46.69 -1.47 0.00	44.14 -1.29 0.00	44.40 -0.72 0.00	44.22 -0.28 0.00	54.47 0.37 -1.54	63.12 0.86 -8.44	45.64 1.12 -1.16	41.91 0.86 -0.91
MID___RAQUETTE_HYD 23851	29.49 -1.33 0.00	29.10 -1.15 0.00	25.12 -0.88 0.00	19.51 -0.70 0.00	21.37 -0.61 0.00	25.54 -0.69 0.00	28.28 -0.64 0.00	26.53 -0.95 0.00	27.86 -1.36 0.00	31.60 -1.57 0.00	38.47 -2.21 0.00	40.48 -2.56 -0.38	41.34 -2.59 -0.59	43.77 -2.57 -0.11	55.21 -3.71 0.00	47.90 -3.84 0.00	44.59 -3.56 0.00	42.18 -3.25 0.00	42.46 -2.67 0.00	42.09 -2.40 0.00	51.01 -2.33 -0.78	49.19 -2.02 2.61	42.98 -0.97 -0.58	39.80 -0.80 -0.46
MILLIKEN___1 23584	32.35 1.53 0.00	31.51 1.27 0.00	26.91 0.90 0.00	20.86 0.65 0.00	22.67 0.69 0.00	27.21 0.97 0.00	30.08 1.16 0.00	28.76 1.28 0.00	30.59 1.38 0.00	34.76 1.59 0.00	42.90 2.23 0.00	46.47 2.34 -1.46	47.81 2.30 -2.19	49.06 2.42 -0.42	62.13 3.21 0.00	55.00 3.26 0.00	50.92 2.76 0.00	47.84 2.41 0.00	47.56 2.44 0.00	47.17 2.68 0.00	58.64 3.22 -2.85	60.01 3.08 -3.11	47.93 2.42 -2.14	43.81 1.98 -1.70
MILLIKEN___2 23585	32.35 1.53 0.00	31.51 1.27 0.00	26.91 0.90 0.00	20.86 0.65 0.00	22.67 0.69 0.00	27.21 0.97 0.00	30.08 1.16 0.00	28.76 1.28 0.00	30.59 1.38 0.00	34.76 1.59 0.00	42.90 2.23 0.00	46.47 2.34 -1.46	47.81 2.30 -2.19	49.06 2.42 -0.42	62.13 3.21 0.00	55.00 3.26 0.00	50.92 2.76 0.00	47.84 2.41 0.00	47.56 2.44 0.00	47.17 2.68 0.00	58.64 3.22 -2.85	60.01 3.08 -3.11	47.93 2.42 -2.14	43.81 1.98 -1.70
MILLIKEN___DIESEL 23629	32.35 1.53 0.00	31.51 1.27 0.00	26.91 0.90 0.00	20.86 0.65 0.00	22.67 0.69 0.00	27.21 0.97 0.00	30.08 1.16 0.00	28.76 1.28 0.00	30.59 1.38 0.00	34.76 1.59 0.00	42.90 2.23 0.00	46.47 2.34 -1.46	47.81 2.30 -2.19	49.06 2.42 -0.42	62.13 3.21 0.00	55.00 3.26 0.00	50.92 2.76 0.00	47.84 2.41 0.00	47.56 2.44 0.00	47.17 2.68 0.00	58.64 3.22 -2.85	60.01 3.08 -3.11	47.93 2.42 -2.14	43.81 1.98 -1.70
MILLSEAT___LFGE 323607	33.34 2.52 0.00	32.22 1.98 0.00	27.02 1.02 0.00	20.82 0.61 0.00	22.59 0.61 0.00	27.55 1.32 0.00	30.60 1.67 0.00	29.42 1.93 0.00	30.36 2.54 1.40	35.39 3.33 1.12	44.64 3.96 0.00	46.62 3.95 0.00	47.30 3.97 0.00	49.92 3.70 0.00	62.78 3.87 0.00	55.85 4.11 0.00	51.57 3.41 0.00	48.20 2.77 0.00	48.18 3.05 0.00	47.82 3.33 0.00	56.22 3.65 0.00	57.17 3.35 0.00	47.26 3.90 0.00	43.45 3.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.64 1.82 0.00	31.68 1.44 0.00	27.17 1.17 0.00	21.00 0.80 0.00	22.82 0.84 0.00	27.28 1.04 0.00	30.17 1.25 0.00	44.29 1.42 -15.39	39.11 1.51 -8.39	44.90 1.64 -10.09	42.97 2.29 0.00	45.04 2.37 0.00	45.67 2.34 0.00	48.55 2.33 0.00	62.24 3.33 0.00	55.19 3.45 0.00	51.62 3.46 0.00	49.03 3.35 -0.25	48.19 3.07 0.00	47.19 2.69 0.00	55.57 3.00 0.00	56.73 2.88 -0.03	45.43 2.07 0.00	42.25 2.11 0.00
MILLWOOD_13_KV_LOAD 356217	32.74 1.92 0.00	31.77 1.53 0.00	27.24 1.24 0.00	21.06 0.85 0.00	22.88 0.90 0.00	27.35 1.12 0.00	30.26 1.34 0.00	44.39 1.52 -15.39	39.22 1.62 -8.39	45.04 1.78 -10.09	43.15 2.47 0.00	45.23 2.56 0.00	45.88 2.55 0.00	48.78 2.56 0.00	62.56 3.65 0.00	55.47 3.73 0.00	51.90 3.74 0.00	49.32 3.64 -0.25	48.47 3.34 0.00	47.45 2.96 0.00	55.86 3.29 0.00	57.01 3.15 -0.03	45.64 2.28 0.00	42.42 2.29 0.00
MODEL_CITY_ENERGY 24167	32.32 1.50 0.00	31.28 1.04 0.00	26.22 0.22 0.00	20.21 0.00 0.00	21.92 -0.06 0.00	26.76 0.53 0.00	29.69 0.77 0.00	28.51 1.03 0.00	29.12 1.54 1.63	34.09 2.22 1.30	43.55 2.87 0.00	45.75 3.08 0.00	46.43 3.10 0.00	48.83 2.61 0.00	61.25 2.34 0.00	54.41 2.67 0.00	50.24 2.08 0.00	46.78 1.35 0.00	46.67 1.54 0.00	46.23 1.73 0.00	54.42 1.85 0.00	55.21 1.38 0.00	45.61 2.25 0.00	42.10 1.96 0.00
MODERN_LFGE___ 323580	32.32 1.50 0.00	31.28 1.04 0.00	26.22 0.22 0.00	20.21 0.00 0.00	21.92 -0.06 0.00	26.76 0.53 0.00	29.69 0.77 0.00	28.51 1.03 0.00	29.12 1.54 1.63	34.09 2.22 1.30	43.55 2.87 0.00	45.75 3.08 0.00	46.43 3.10 0.00	48.83 2.61 0.00	61.25 2.34 0.00	54.41 2.67 0.00	50.24 2.08 0.00	46.78 1.35 0.00	46.67 1.54 0.00	46.23 1.73 0.00	54.42 1.85 0.00	55.21 1.38 0.00	45.61 2.25 0.00	42.10 1.96 0.00
MOHAWK_PAPER___DRP 24187	32.62 1.80 0.00	31.85 1.61 0.00	27.40 1.40 0.00	21.23 1.03 0.00	23.05 1.07 0.00	27.52 1.28 0.00	30.21 1.29 0.00	31.02 1.25 -2.29	31.81 1.33 -1.28	36.14 1.43 -1.54	42.34 1.66 0.00	44.31 1.64 0.00	44.93 1.59 0.00	47.82 1.60 0.00	61.26 2.35 0.00	54.10 2.36 0.00	50.57 2.41 0.00	49.79 2.26 -2.10	47.13 2.00 0.00	46.40 1.90 0.00	54.90 2.33 0.00	56.70 2.31 -0.56	45.06 1.70 0.00	41.78 1.64 0.00
MOHICAN___35_KV_115KV_LD 80490	33.69 2.87 0.00	32.68 2.44 0.00	28.10 2.09 0.00	21.75 1.55 0.00	23.64 1.66 0.00	28.35 2.11 0.00	31.23 2.31 0.00	31.87 2.25 -2.13	32.86 2.45 -1.20	37.23 2.61 -1.45	43.82 3.15 0.00	46.05 3.39 0.00	46.93 3.60 0.00	50.06 3.84 0.00	64.16 5.25 0.00	56.51 4.77 0.00	52.62 4.46 0.00	50.54 3.98 -1.13	48.83 3.70 0.00	48.46 3.97 0.00	57.42 4.85 0.00	58.89 4.75 -0.31	46.99 3.63 0.00	43.29 3.15 0.00
MONGAUP___HYD 23641	33.03 2.21 0.00	32.12 1.88 0.00	27.40 1.40 0.00	21.18 0.98 0.00	23.10 1.12 0.00	27.61 1.37 0.00	30.40 1.48 0.00	16.86 1.54 12.17	24.30 1.72 6.63	26.86 1.66 7.97	42.81 2.13 0.00	44.77 2.10 0.00	45.37 2.04 0.00	48.06 1.84 0.00	61.39 2.48 0.00	54.05 2.31 0.00	50.50 2.34 0.00	48.15 2.53 -0.19	47.69 2.56 0.00	47.73 3.24 0.00	56.68 4.11 0.00	57.77 3.94 0.00	46.19 2.83 0.00	42.70 2.56 0.00
MONTAUK___DIESEL 23721	34.72 3.89 0.00	33.58 3.34 0.00	28.65 2.65 0.00	22.05 1.85 0.00	24.00 2.02 0.00	28.63 2.39 0.00	31.73 2.81 0.00	44.46 3.07 -13.91	40.08 3.29 -7.58	46.99 3.97 -9.84	63.13 6.13 -16.32	68.41 6.62 -19.12	69.47 6.48 -19.66	76.60 6.05 -24.33	100.62 8.32 -33.39	111.85 5.66 -54.45	245.95 5.30 -192.49	265.67 5.16 -215.08	264.64 4.45 -215.06	48.12 3.62 0.00	57.16 4.59 0.00	66.80 5.03 -7.95	62.85 3.57 -15.91	43.58 3.45 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.81 2.99 0.00	32.39 2.15 0.00	27.09 1.09 0.00	20.61 0.40 0.00	22.52 0.54 0.00	28.02 1.79 0.00	31.15 2.23 0.00	30.20 2.72 0.00	32.64 3.43 0.00	37.57 4.39 0.00	46.66 5.99 0.00	49.01 6.34 0.00	49.61 6.28 0.00	51.99 5.76 0.00	65.52 6.61 0.00	58.21 6.47 0.00	53.51 5.36 0.00	50.13 4.70 0.00	49.68 4.55 0.00	49.11 4.62 0.00	58.16 5.60 0.00	59.17 5.35 0.00	48.25 4.89 0.00	44.21 4.08 0.00

MORTIMER_115KV_TB3 55949	32.51 1.69 0.00	31.53 1.29 0.00	26.62 0.62 0.00	20.57 0.37 0.00	22.33 0.35 0.00	27.03 0.80 0.00	29.96 1.05 0.00	28.71 1.23 0.00	30.93 1.71 0.00	35.49 2.31 0.00	43.71 3.03 0.00	45.93 3.26 0.00	46.66 3.33 0.00	49.43 3.21 0.00	62.50 3.58 0.00	55.30 3.56 0.00	51.25 3.09 0.00	48.16 2.73 0.00	47.91 2.78 0.00	47.34 2.85 0.00	55.67 3.11 0.00	56.50 2.67 0.00	45.94 2.58 0.00	42.24 2.10 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.83 2.00 0.00	31.83 1.58 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.91 0.93 0.00	27.39 1.16 0.00	30.33 1.41 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.12 1.92 -9.03	43.30 2.62 0.00	45.34 2.67 0.00	45.91 2.58 0.00	48.74 2.52 0.00	62.47 3.55 0.00	55.43 3.69 0.00	51.82 3.66 0.00	49.23 3.55 -0.25	48.37 3.24 0.00	47.32 2.83 0.00	55.70 3.13 0.00	56.86 3.01 -0.03	45.59 2.22 0.00	42.52 2.38 0.00
MUNSVILLE_WIND_PWR 323609	33.99 3.17 0.00	33.29 3.05 0.00	28.42 2.42 0.00	22.13 1.92 0.00	24.09 2.10 0.00	29.04 2.81 0.00	32.19 3.27 0.00	30.81 3.33 0.00	33.08 3.36 -0.50	37.73 4.15 -0.40	46.37 5.69 0.00	49.52 5.91 -0.94	50.68 5.95 -1.40	52.92 6.42 -0.27	67.52 8.61 0.00	60.03 8.29 0.00	55.30 7.14 0.00	51.69 6.26 0.00	51.14 6.01 0.00	50.48 5.99 0.00	61.48 7.11 -1.80	63.01 7.22 -1.97	50.45 5.73 -1.36	46.03 4.81 -1.07
N SALMON___HYD 24042	29.59 -1.23 0.00	29.11 -1.14 0.00	25.17 -0.83 0.00	19.61 -0.60 0.00	21.46 -0.52 0.00	25.75 -0.49 0.00	28.54 -0.37 0.00	27.23 -0.25 0.00	28.90 -0.32 0.00	32.67 -0.50 0.00	39.69 -0.99 0.00	41.19 -1.47 0.01	41.97 -1.36 0.00	44.88 -1.34 0.00	56.79 -2.12 0.00	49.21 -2.53 0.00	45.88 -2.28 0.00	43.38 -2.06 0.00	43.73 -1.40 0.00	43.25 -1.25 0.00	51.11 -1.46 0.00	51.24 -0.79 1.80	43.23 -0.14 0.00	40.04 -0.09 0.00
N.AKRON__115KV_KNAPP 355671	33.21 2.39 0.00	32.10 1.86 0.00	26.91 0.90 0.00	20.73 0.52 0.00	22.49 0.51 0.00	27.45 1.22 0.00	30.47 1.55 0.00	29.29 1.81 0.00	31.66 2.44 0.00	36.41 3.23 0.00	44.60 3.92 0.00	46.68 4.01 0.00	47.37 4.04 0.00	49.98 3.76 0.00	62.80 3.88 0.00	55.86 4.12 0.00	51.57 3.41 0.00	48.28 2.84 0.00	48.11 2.98 0.00	47.72 3.23 0.00	56.11 3.54 0.00	57.01 3.19 0.00	47.04 3.67 0.00	43.28 3.15 0.00
N.BELMOR_69_KV_BK1 55787	33.24 2.42 0.00	32.23 1.99 0.00	27.60 1.60 0.00	21.27 1.06 0.00	23.12 1.14 0.00	27.55 1.31 0.00	30.43 1.50 0.00	43.08 1.69 -13.91	38.48 1.68 -7.58	44.89 1.88 -9.83	60.12 3.12 -16.32	65.15 3.36 -19.12	66.36 3.36 -19.66	73.97 3.42 -24.33	85.94 4.74 -22.29	90.21 4.56 -33.92	83.63 4.58 -30.89	53.93 4.38 -4.13	66.76 4.12 -17.51	47.94 3.45 0.00	56.49 3.92 0.00	65.94 4.16 -7.95	62.39 3.11 -15.91	43.05 2.91 0.00
N.E_GEN_SANDY PD 24062	32.57 1.75 0.00	31.83 1.48 -0.11	29.94 1.27 -2.67	24.09 0.91 -2.97	25.28 0.95 -2.35	31.03 1.15 -3.65	30.13 1.21 0.00	32.86 1.25 -4.13	32.77 1.30 -2.26	37.26 1.36 -2.72	42.28 1.67 0.07	44.28 1.61 0.00	44.89 1.57 0.00	47.84 1.61 0.00	61.66 2.39 -0.35	53.99 2.43 0.18	56.89 2.63 -6.10	68.67 2.54 -20.70	69.26 2.34 -21.79	71.60 2.16 -24.95	85.40 2.52 -30.31	73.50 2.49 -17.19	43.89 1.78 1.25	41.85 1.71 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.52 1.70 0.00	31.58 1.34 0.00	27.08 1.08 0.00	20.94 0.73 0.00	22.75 0.77 0.00	27.20 0.96 0.00	30.07 1.15 0.00	8.31 1.30 20.47	19.42 1.36 11.15	21.25 1.49 13.41	42.80 2.12 0.00	44.91 2.24 0.00	45.58 2.25 0.00	48.48 2.26 0.00	62.15 3.24 0.00	55.11 3.37 0.00	51.57 3.41 0.00	48.98 3.33 -0.23	48.16 3.03 0.00	47.13 2.63 0.00	55.49 2.93 0.00	56.57 2.74 0.00	45.29 1.92 0.00	42.07 1.93 0.00
N.QUEENS_27_KV_LOAD 356247	32.96 2.14 0.00	31.93 1.69 0.00	27.38 1.38 0.00	21.16 0.95 0.00	22.99 1.01 0.00	27.51 1.27 0.00	30.49 1.57 0.00	43.04 1.77 -13.78	38.62 1.90 -7.51	44.24 2.03 -9.04	43.47 2.79 0.00	45.49 2.82 0.00	45.99 2.66 0.00	48.74 2.52 0.00	62.57 3.65 0.00	55.49 3.75 0.01	52.28 3.69 -0.44	49.30 3.62 -0.25	48.30 3.18 0.01	47.30 2.81 0.00	55.74 3.18 0.01	56.88 3.02 -0.04	45.69 2.33 0.00	42.60 2.46 0.00
N.TROY___115KV_TB1 355778	32.68 1.86 0.00	31.89 1.65 0.00	27.43 1.43 0.00	21.25 1.04 0.00	23.07 1.10 0.00	27.55 1.32 0.00	30.26 1.34 0.00	31.12 1.32 -2.32	31.90 1.39 -1.29	36.22 1.49 -1.56	42.42 1.74 0.00	44.38 1.71 0.00	45.03 1.70 0.00	47.98 1.76 0.00	61.43 2.52 0.00	54.17 2.43 0.00	50.66 2.50 0.00	49.77 2.38 -1.96	47.33 2.20 0.00	46.64 2.15 0.00	55.23 2.66 0.00	56.98 2.64 -0.52	45.30 1.94 0.00	41.94 1.80 0.00
NARROWS_GT1_1 24228	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT1_2 24229	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT1_3 24230	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT1_4 24231	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT1_5 24232	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01

NARROWS_GT1_6 24233	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT1_7 24234	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT1_8 24235	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT2_1 24236	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT2_2 24237	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT2_3 24238	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT2_4 24239	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT2_5 24240	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT2_6 24241	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT2_7 24242	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NARROWS_GT2_8 24243	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.60 1.87 -7.51	44.23 2.02 -9.04	43.41 2.73 0.00	45.47 2.80 0.00	45.93 2.60 0.00	48.52 2.30 0.00	57.88 3.33 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.17 3.48 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.98 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.19 2.37 0.00	32.44 2.20 0.00	27.94 1.94 0.00	21.66 1.46 0.00	23.51 1.53 0.00	28.07 1.84 0.00	30.82 1.90 0.00	29.15 1.67 0.00	30.87 1.66 0.00	35.02 1.84 0.00	42.43 1.75 0.00	43.92 1.25 0.00	44.27 0.94 0.00	46.81 0.59 0.00	60.72 1.81 0.00	53.99 2.25 0.00	50.55 2.39 0.00	45.35 2.40 2.49	47.69 2.56 0.00	46.94 2.44 0.00	55.43 2.86 0.00	56.19 2.91 0.55	45.60 2.24 0.00	42.40 2.27 0.00
NCHELSEA_115KV_TR2 355582	32.85 2.03 0.00	31.88 1.64 0.00	27.33 1.33 0.00	21.14 0.93 0.00	22.97 0.99 0.00	27.45 1.21 0.00	30.36 1.45 0.00	29.10 1.61 0.00	30.96 1.74 0.00	35.23 2.06 0.00	43.54 2.86 0.00	45.74 3.07 0.00	46.44 3.11 0.00	49.44 3.22 0.00	63.40 4.48 0.00	56.21 4.48 0.00	52.57 4.42 0.00	49.89 4.27 -0.19	49.14 4.01 0.00	48.14 3.65 0.00	56.67 4.10 0.00	57.78 3.95 0.00	46.22 2.85 0.00	42.82 2.69 0.00
NEG CAPITAL___MECHNVIL 23645	33.28 2.46 0.00	32.41 2.17 0.00	27.84 1.84 0.00	21.56 1.36 0.00	23.42 1.45 0.00	28.01 1.78 0.00	30.83 1.91 0.00	31.57 1.88 -2.20	32.50 2.06 -1.23	36.94 2.28 -1.49	43.42 2.74 0.00	45.57 2.90 0.00	46.34 3.01 0.00	49.43 3.21 0.00	63.28 4.37 0.00	55.77 4.03 0.00	52.07 3.91 0.00	50.49 3.66 -1.40	48.53 3.40 0.00	47.91 3.41 0.00	56.72 4.15 0.00	58.30 4.10 -0.38	46.42 3.05 0.00	42.85 2.71 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.83 1.01 0.00	30.88 0.64 0.00	26.14 0.14 0.00	20.22 0.01 0.00	21.94 -0.04 0.00	26.51 0.28 0.00	29.39 0.47 0.00	28.17 0.69 0.00	29.65 1.07 0.64	34.16 1.50 0.51	42.80 2.13 0.00	45.00 2.33 0.00	45.69 2.35 0.00	48.46 2.24 0.00	61.38 2.46 0.00	54.27 2.53 0.00	50.36 2.20 0.00	47.32 1.89 0.00	47.15 2.02 0.00	46.58 2.09 0.00	54.75 2.18 0.00	55.54 1.71 0.00	44.98 1.62 0.00	41.35 1.21 0.00

NEG CENTRAL___DRP 24199	32.25 1.43 0.00	31.29 1.05 0.00	26.60 0.60 0.00	20.59 0.38 0.00	22.35 0.37 0.00	26.94 0.70 0.00	29.81 0.89 0.00	28.61 1.12 0.00	30.60 1.39 0.00	34.84 1.66 0.00	43.10 2.43 0.00	46.64 2.48 -1.49	47.83 2.28 -2.22	49.09 2.44 -0.43	62.17 3.25 0.00	54.78 3.04 0.00	50.77 2.61 0.00	47.87 2.44 0.00	47.70 2.57 0.00	47.20 2.70 0.00	58.53 3.06 -2.90	59.98 2.80 -3.35	47.80 2.25 -2.19	43.64 1.77 -1.73
NEG CENTRAL___INDECK 23768	32.89 2.07 0.00	31.85 1.61 0.00	26.78 0.78 0.00	20.64 0.43 0.00	22.37 0.39 0.00	27.22 0.99 0.00	30.24 1.32 0.00	29.15 1.66 0.00	31.41 2.20 0.00	35.19 2.02 0.00	42.61 1.93 0.00	44.68 2.01 0.00	45.33 2.00 0.00	48.05 1.83 0.00	60.48 1.57 0.00	53.87 2.14 0.00	49.93 1.77 0.00	47.00 1.57 0.00	47.29 2.16 0.00	46.62 2.12 0.00	55.23 2.66 0.00	55.99 2.17 0.00	47.11 3.75 0.00	43.17 3.04 0.00
NEG CENTRAL___SENECA 23627	32.66 1.83 0.00	31.62 1.38 0.00	26.79 0.79 0.00	20.72 0.51 0.00	22.49 0.51 0.00	27.20 0.96 0.00	30.13 1.21 0.00	28.98 1.49 0.00	31.08 1.87 0.00	35.37 2.19 0.00	43.76 3.09 0.00	46.63 3.18 -0.78	47.34 2.83 -1.18	49.58 3.13 -0.23	63.11 4.19 0.00	55.60 3.86 0.00	51.44 3.28 0.00	48.50 3.07 0.00	48.38 3.25 0.00	47.88 3.38 0.00	57.88 3.77 -1.54	58.99 3.48 -1.68	47.40 2.87 -1.16	43.36 2.30 -0.92
NEG CENTRAL___STATE_STREET 24147	31.90 1.08 0.00	31.06 0.82 0.00	26.52 0.52 0.00	20.55 0.35 0.00	22.33 0.35 0.00	26.79 0.56 0.00	29.61 0.68 0.00	28.30 0.82 0.00	30.16 0.95 0.00	34.32 1.14 0.00	42.46 1.78 0.00	46.52 1.87 -1.98	48.13 1.84 -2.96	48.64 1.85 -0.57	61.36 2.44 0.00	54.14 2.40 0.00	50.24 2.08 0.00	47.39 1.96 0.00	47.15 2.02 0.00	46.78 2.29 0.00	59.13 2.69 -3.87	60.65 2.41 -4.42	48.18 1.90 -2.91	43.93 1.49 -2.31
NEG MILLWOOD___DRP 24198	33.03 2.21 0.00	32.03 1.79 0.00	27.45 1.45 0.00	21.22 1.02 0.00	23.05 1.07 0.00	27.57 1.33 0.00	30.51 1.59 0.00	33.79 1.78 -4.52	33.62 1.94 -2.47	38.36 2.22 -2.97	43.73 3.05 0.00	45.93 3.26 0.00	46.63 3.30 0.00	49.66 3.44 0.00	63.73 4.82 0.00	56.54 4.80 0.00	52.88 4.72 0.00	50.19 4.53 -0.23	49.38 4.25 0.00	48.35 3.86 0.00	56.88 4.31 0.00	57.96 4.14 0.00	46.35 2.99 0.00	42.97 2.83 0.00
NEG NORTH_FLCN_SEA 23793	29.59 -1.24 0.00	29.00 -1.24 0.00	25.18 -0.82 0.00	19.61 -0.60 0.00	21.47 -0.51 0.00	25.79 -0.44 0.00	28.59 -0.33 0.00	27.39 -0.10 0.00	29.25 0.04 0.00	32.93 -0.25 0.00	39.91 -0.77 0.00	40.96 -1.71 0.01	41.53 -1.80 0.00	43.94 -2.28 0.00	55.64 -3.27 0.00	48.13 -3.61 0.00	44.92 -3.23 0.00	42.38 -3.05 0.00	42.70 -2.43 0.00	42.16 -2.33 0.00	49.88 -2.69 0.00	51.28 -1.51 1.03	43.22 -0.14 0.00	40.25 0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	29.16 -1.67 0.00	28.68 -1.56 0.00	24.86 -1.15 0.00	19.39 -0.81 0.00	21.21 -0.76 0.00	25.44 -0.80 0.00	28.22 -0.70 0.00	26.97 -0.51 0.00	28.67 -0.54 0.00	32.41 -0.77 0.00	39.27 -1.41 0.00	40.72 -1.71 0.01	41.53 -1.80 0.00	44.25 -1.98 0.00	56.13 -2.78 0.00	48.66 -3.07 0.00	45.40 -2.76 0.00	42.99 -2.44 0.00	43.32 -1.81 0.00	42.81 -1.69 0.00	50.43 -2.14 0.00	51.17 -1.42 1.24	42.74 -0.63 0.00	39.64 -0.50 0.00
NEG NORTH___ALICE_FALLS 23915	29.69 -1.13 0.00	29.11 -1.14 0.00	25.25 -0.75 0.00	19.65 -0.55 0.00	21.52 -0.46 0.00	25.86 -0.38 0.00	28.68 -0.25 0.00	27.49 0.00 0.00	29.34 0.12 0.00	33.02 -0.16 0.00	40.11 -0.57 0.00	41.30 -1.37 0.01	42.04 -1.29 0.00	44.63 -1.59 0.00	56.50 -2.42 0.00	48.88 -2.86 0.00	45.59 -2.57 0.00	43.07 -2.36 0.00	43.44 -1.69 0.00	42.90 -1.60 0.00	50.67 -1.90 0.00	51.90 -0.86 1.06	43.46 0.10 0.00	40.38 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	29.69 -1.13 0.00	29.11 -1.14 0.00	25.25 -0.75 0.00	19.65 -0.55 0.00	21.52 -0.46 0.00	25.86 -0.38 0.00	28.68 -0.25 0.00	27.49 0.00 0.00	29.34 0.12 0.00	33.02 -0.16 0.00	40.11 -0.57 0.00	41.30 -1.37 0.01	42.04 -1.29 0.00	44.63 -1.59 0.00	56.50 -2.42 0.00	48.88 -2.86 0.00	45.59 -2.57 0.00	43.07 -2.36 0.00	43.44 -1.69 0.00	42.90 -1.60 0.00	50.67 -1.90 0.00	51.90 -0.86 1.06	43.46 0.10 0.00	40.38 0.24 0.00
NEG NORTH___PLATTSBURG 23628	29.69 -1.13 0.00	29.11 -1.14 0.00	25.25 -0.75 0.00	19.65 -0.55 0.00	21.52 -0.46 0.00	25.86 -0.38 0.00	28.68 -0.25 0.00	27.49 0.01 0.00	29.34 0.13 0.00	33.02 -0.16 0.00	40.11 -0.57 0.00	41.29 -1.37 0.01	42.04 -1.29 0.00	44.63 -1.59 0.00	56.49 -2.42 0.00	48.88 -2.86 0.00	45.59 -2.57 0.00	43.09 -2.34 0.00	43.44 -1.68 0.00	42.90 -1.59 0.00	50.67 -1.90 0.00	51.90 -0.86 1.06	43.46 0.10 0.00	40.38 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	32.45 1.63 0.00	31.40 1.16 0.00	26.30 0.30 0.00	20.27 0.07 0.00	21.99 0.01 0.00	26.85 0.61 0.00	29.80 0.88 0.00	28.62 1.14 0.00	30.93 1.72 0.00	35.63 2.45 0.00	43.79 3.11 0.00	45.96 3.29 0.00	46.61 3.28 0.00	49.11 2.89 0.00	61.60 2.69 0.00	54.73 3.00 0.00	50.52 2.36 0.00	47.20 1.77 0.00	46.98 1.85 0.00	46.53 2.04 0.00	54.77 2.20 0.00	55.70 1.87 0.00	45.92 2.55 0.00	42.32 2.18 0.00
NEG WEST___LANCASTR 23811	33.05 2.23 0.00	31.96 1.72 0.00	26.85 0.85 0.00	20.72 0.52 0.00	22.50 0.53 0.00	27.42 1.19 0.00	30.43 1.51 0.00	29.28 1.80 0.00	31.64 2.43 0.00	36.48 3.31 0.00	45.03 4.35 0.00	47.32 4.65 0.00	47.92 4.58 0.00	50.59 4.37 0.00	63.78 4.87 0.00	56.57 4.83 0.00	52.06 3.90 0.00	48.72 3.29 0.00	48.37 3.24 0.00	47.81 3.32 0.00	56.22 3.65 0.00	57.18 3.36 0.00	46.77 3.40 0.00	43.00 2.87 0.00
NEG_PENN_ALLEGHNY 23528	32.07 1.25 0.00	31.19 0.95 0.00	26.65 0.65 0.00	20.65 0.45 0.00	22.45 0.47 0.00	26.99 0.75 0.00	29.78 0.86 0.00	28.57 1.08 0.00	31.23 1.34 -0.68	35.33 1.61 -0.54	43.00 2.32 0.00	46.02 2.45 -0.90	46.98 2.32 -1.33	48.83 2.35 -0.26	61.90 2.99 0.00	54.74 3.00 0.00	50.57 2.41 0.00	47.59 2.16 0.00	47.13 2.00 0.00	46.52 2.02 0.00	56.59 2.30 -1.73	57.91 2.19 -1.88	46.50 1.84 -1.30	42.70 1.53 -1.03
NEG___GEN_MONROE 24207	33.36 2.54 0.00	32.22 1.98 0.00	27.08 1.08 0.00	20.89 0.68 0.00	22.62 0.65 0.00	27.45 1.21 0.00	30.51 1.59 0.00	29.36 1.88 0.00	31.55 2.34 0.00	36.25 3.07 0.00	44.24 3.56 0.00	46.44 3.77 0.00	47.14 3.81 0.00	49.90 3.68 0.00	62.97 4.06 0.00	55.79 4.05 0.00	51.66 3.50 0.00	48.59 3.16 0.00	48.52 3.39 0.00	48.17 3.68 0.00	56.74 4.18 0.00	57.58 3.75 0.00	46.93 3.56 0.00	43.18 3.04 0.00
NEPA___ENERGY 23901	32.86 2.04 0.00	31.56 1.32 0.00	26.55 0.55 0.00	20.46 0.25 0.00	22.27 0.29 0.00	27.25 1.02 0.00	30.21 1.28 0.00	29.18 1.70 0.00	31.46 2.25 0.00	36.09 2.92 0.00	44.95 4.27 0.00	47.16 4.48 0.00	47.70 4.37 0.00	50.45 4.22 0.00	63.77 4.86 0.00	56.60 4.86 0.00	51.83 3.67 0.00	48.56 3.14 0.00	47.98 2.85 0.00	47.47 2.97 0.00	55.90 3.33 0.00	56.89 3.06 0.00	46.44 3.07 0.00	42.65 2.51 0.00

NEVERSINK___HYD 23608	32.01 1.18 0.00	31.10 0.86 0.00	26.66 0.66 0.00	20.63 0.42 0.00	22.42 0.44 0.00	26.79 0.56 0.00	29.64 0.72 0.00	25.47 0.93 2.93	28.43 0.82 1.60	31.25 0.00 1.92	40.94 0.26 0.00	42.97 0.30 0.00	43.67 0.34 0.00	46.60 0.38 0.00	59.70 0.79 0.00	52.93 1.19 0.00	49.52 1.36 0.00	46.97 1.54 0.00	46.47 1.35 0.00	45.64 1.15 0.00	54.21 1.64 0.00	56.50 2.68 0.00	45.16 1.80 0.00	41.74 1.60 0.00
NEWKRMKL_115KV_TB1 55635	32.21 1.39 0.00	31.47 1.23 0.00	27.12 1.12 0.00	21.03 0.83 0.00	22.82 0.85 0.00	27.23 1.00 0.00	29.89 0.97 0.00	30.62 0.89 -2.25	31.38 0.92 -1.25	35.66 0.98 -1.51	41.76 1.08 0.00	43.67 1.00 0.00	44.25 0.92 0.00	47.09 0.87 0.00	60.28 1.37 0.00	53.23 1.49 0.00	49.73 1.58 0.00	46.12 1.45 0.77	46.39 1.26 0.00	45.63 1.14 0.00	53.97 1.40 0.00	55.08 1.37 0.12	44.35 0.99 0.00	41.19 1.05 0.00
NEWTON___FALLS_HYD 23847	30.82 0.00 0.00	30.16 -0.08 0.00	25.92 -0.08 0.00	19.92 -0.29 0.00	22.00 0.02 0.00	26.30 0.07 0.00	29.12 0.20 0.00	27.18 -0.30 0.00	29.00 -0.22 0.00	33.11 -0.07 0.00	40.64 -0.04 0.00	43.40 -0.10 -0.83	44.28 -0.22 -1.17	45.86 -0.59 -0.23	57.52 -1.39 0.00	50.22 -1.52 0.00	46.69 -1.47 0.00	44.14 -1.29 0.00	44.40 -0.72 0.00	44.22 -0.28 0.00	54.47 0.37 -1.54	63.12 0.86 -8.44	45.64 1.12 -1.16	41.91 0.86 -0.91
NGRID_A1_DSASP 323792	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.11 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.31 0.83 0.00	28.91 1.40 1.71	34.00 2.19 1.37	43.54 2.86 0.00	45.72 3.05 0.00	46.39 3.06 0.00	48.75 2.53 0.00	61.11 2.19 0.00	54.22 2.48 0.00	50.03 1.87 0.00	46.56 1.12 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.13 1.56 0.00	54.91 1.09 0.00	45.24 1.87 0.00	41.90 1.77 0.00
NGRID_A2_DSASP 323793	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.11 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.31 0.83 0.00	28.91 1.40 1.71	34.00 2.19 1.37	43.54 2.86 0.00	45.72 3.05 0.00	46.39 3.06 0.00	48.75 2.53 0.00	61.11 2.19 0.00	54.22 2.48 0.00	50.03 1.87 0.00	46.56 1.12 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.13 1.56 0.00	54.91 1.09 0.00	45.24 1.87 0.00	41.90 1.77 0.00
NGRID_A4_DSASP 323807	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.11 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.31 0.83 0.00	28.91 1.40 1.71	34.00 2.19 1.37	43.54 2.86 0.00	45.72 3.05 0.00	46.39 3.06 0.00	48.75 2.53 0.00	61.11 2.19 0.00	54.22 2.48 0.00	50.03 1.87 0.00	46.56 1.12 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.13 1.56 0.00	54.91 1.09 0.00	45.24 1.87 0.00	41.90 1.77 0.00
NIAGARA_115E_LBMP 323715	32.18 1.36 0.00	31.15 0.91 0.00	26.12 0.12 0.00	20.13 -0.08 0.00	21.84 -0.14 0.00	26.66 0.43 0.00	29.57 0.65 0.00	28.38 0.90 0.00	28.92 1.39 1.68	33.87 2.04 1.34	43.34 2.67 0.00	45.54 2.87 0.00	46.22 2.88 0.00	48.60 2.37 0.00	60.92 2.01 0.00	54.11 2.37 0.00	49.96 1.80 0.00	46.50 1.07 0.00	46.39 1.26 0.00	45.94 1.44 0.00	54.07 1.50 0.00	54.82 0.99 0.00	45.34 1.98 0.00	41.88 1.74 0.00
NIAGARA_115W_LBMP 323714	32.01 1.19 0.00	31.01 0.77 0.00	25.99 -0.01 0.00	20.05 -0.16 0.00	21.74 -0.23 0.00	26.53 0.30 0.00	29.44 0.52 0.00	28.25 0.76 0.00	28.83 1.32 1.70	33.91 2.10 1.36	43.42 2.74 0.00	45.61 2.94 0.00	46.29 2.96 0.00	48.64 2.41 0.00	60.95 2.04 0.00	54.11 2.37 0.00	49.93 1.77 0.00	46.46 1.03 0.00	46.32 1.19 0.00	45.85 1.36 0.00	54.01 1.44 0.00	54.79 0.96 0.00	45.14 1.78 0.00	41.82 1.68 0.00
NIAGARA_230_LBMP 323716	32.17 1.35 0.00	31.17 0.93 0.00	26.14 0.14 0.00	20.17 -0.03 0.00	21.88 -0.10 0.00	26.69 0.45 0.00	29.60 0.68 0.00	28.41 0.93 0.00	28.99 1.47 1.69	34.05 2.23 1.36	43.63 2.95 0.00	45.87 3.20 0.00	46.50 3.16 0.00	48.91 2.69 0.00	61.39 2.48 0.00	54.42 2.68 0.00	50.25 2.09 0.00	46.81 1.38 0.00	46.67 1.55 0.00	46.21 1.71 0.00	54.39 1.82 0.00	55.15 1.33 0.00	45.37 2.01 0.00	41.86 1.72 0.00
NIAGARA___115KV_198_GIBSON 55903	32.02 1.19 0.00	31.01 0.77 0.00	25.99 -0.01 0.00	20.05 -0.16 0.00	21.75 -0.23 0.00	26.53 0.30 0.00	29.44 0.52 0.00	28.24 0.76 0.00	30.55 1.34 0.00	35.31 2.13 0.00	43.41 2.73 0.00	45.55 2.87 0.00	46.24 2.91 0.00	48.64 2.41 0.00	60.94 2.03 0.00	54.10 2.36 0.00	49.92 1.76 0.00	46.59 1.16 0.00	46.32 1.19 0.00	45.85 1.36 0.00	54.01 1.44 0.00	54.76 0.94 0.00	45.14 1.78 0.00	41.82 1.68 0.00
NIAGARA____ 23760	32.17 1.35 0.00	31.17 0.93 0.00	26.14 0.14 0.00	20.17 -0.03 0.00	21.88 -0.10 0.00	26.69 0.45 0.00	29.60 0.68 0.00	28.41 0.93 0.00	28.99 1.47 1.69	34.05 2.23 1.35	43.63 2.95 0.00	45.87 3.20 0.00	46.50 3.16 0.00	48.91 2.69 0.00	61.39 2.48 0.00	54.42 2.68 0.00	50.25 2.09 0.00	46.81 1.38 0.00	46.67 1.55 0.00	46.21 1.71 0.00	54.39 1.82 0.00	55.15 1.33 0.00	45.37 2.01 0.00	41.86 1.72 0.00
NINE_MILE_1 23575	30.37 -0.46 0.00	29.68 -0.56 0.00	25.44 -0.56 0.00	19.76 -0.44 0.00	21.47 -0.50 0.00	25.68 -0.56 0.00	28.31 -0.60 0.00	26.99 -0.50 0.00	28.76 -0.46 0.00	32.73 -0.45 0.00	40.30 -0.38 0.00	28.98 -0.38 13.31	23.04 -0.39 19.90	41.81 -0.57 3.84	58.12 -0.80 0.00	51.20 -0.54 0.00	47.60 -0.55 0.00	44.87 -0.56 0.00	44.57 -0.56 0.00	43.98 -0.52 0.00	25.96 -0.57 26.04	24.67 -0.72 28.43	23.21 -0.55 19.60	24.01 -0.61 15.52
NINE_MILE_2 23744	30.36 -0.46 0.00	29.68 -0.56 0.00	25.44 -0.56 0.00	19.76 -0.44 0.00	21.47 -0.50 0.00	25.68 -0.56 0.00	28.31 -0.61 0.00	26.99 -0.50 0.00	28.76 -0.46 0.00	32.73 -0.45 0.00	40.30 -0.38 0.00	28.78 -0.38 13.51	22.75 -0.39 20.20	41.75 -0.57 3.90	58.12 -0.80 0.00	51.20 -0.54 0.00	47.60 -0.56 0.00	44.87 -0.56 0.00	44.57 -0.56 0.00	43.98 -0.52 0.00	25.57 -0.57 26.43	24.24 -0.72 28.86	22.91 -0.55 19.90	23.78 -0.61 15.75
NM_CAPITAL___DRP 24208	32.27 1.45 0.00	31.52 1.28 0.00	27.15 1.15 0.00	21.05 0.85 0.00	22.85 0.87 0.00	27.26 1.02 0.00	29.91 0.99 0.00	30.73 0.94 -2.31	31.45 0.96 -1.28	35.74 1.02 -1.55	41.83 1.15 0.00	43.72 1.05 0.00	44.28 0.95 0.00	47.11 0.89 0.00	60.32 1.41 0.00	53.22 1.49 0.00	49.76 1.60 0.00	48.22 1.49 -1.30	46.42 1.30 0.00	45.68 1.18 0.00	54.03 1.46 0.00	55.65 1.45 -0.37	44.42 1.06 0.00	41.25 1.11 0.00
NM_CENTRAL___DRP 24181	31.30 0.48 0.00	30.55 0.31 0.00	26.13 0.13 0.00	20.27 0.07 0.00	22.02 0.04 0.00	26.37 0.14 0.00	29.11 0.19 0.00	27.78 0.30 0.00	29.65 0.43 0.00	33.77 0.60 0.00	41.72 1.04 0.00	45.04 1.08 -1.30	46.38 1.11 -1.94	47.61 1.02 -0.37	60.14 1.23 0.00	53.07 1.33 0.00	49.28 1.12 0.00	46.46 1.02 0.00	46.14 1.01 0.00	45.51 1.01 0.00	56.27 1.17 -2.53	57.91 1.04 -3.05	46.04 0.77 -1.91	42.17 0.52 -1.51

NM_FRONTIER___DRP 24179	32.02 1.19 0.00	31.01 0.77 0.00	25.99 -0.01 0.00	20.05 -0.16 0.00	21.75 -0.23 0.00	26.53 0.30 0.00	29.44 0.52 0.00	28.24 0.76 0.00	30.55 1.34 0.00	35.31 2.13 0.00	43.41 2.73 0.00	45.55 2.87 0.00	46.24 2.91 0.00	48.64 2.41 0.00	60.94 2.03 0.00	54.10 2.36 0.00	49.92 1.76 0.00	46.59 1.16 0.00	46.32 1.19 0.00	45.85 1.36 0.00	54.01 1.44 0.00	54.76 0.94 0.00	45.14 1.78 0.00	41.82 1.68 0.00
NM_ST_REGIS___HYD 24053	29.52 -1.31 0.00	29.10 -1.14 0.00	25.14 -0.86 0.00	19.54 -0.67 0.00	21.39 -0.58 0.00	25.60 -0.64 0.00	28.37 -0.55 0.00	26.72 -0.76 0.00	28.14 -1.08 0.00	31.90 -1.28 0.00	38.80 -1.88 0.00	40.38 -2.27 0.02	41.06 -2.27 0.00	43.97 -2.25 0.00	55.63 -3.28 0.00	48.23 -3.51 0.00	44.92 -3.24 0.00	42.48 -2.94 0.00	42.79 -2.34 0.00	42.39 -2.10 0.00	50.46 -2.11 0.00	49.02 -1.69 3.12	42.62 -0.74 0.00	39.53 -0.61 0.00
NORTHPORT___1 23551	32.90 2.08 0.00	31.93 1.69 0.00	27.35 1.35 0.00	21.08 0.88 0.00	22.95 0.97 0.00	27.31 1.07 0.00	30.07 1.15 0.00	42.68 1.29 -13.91	37.94 1.15 -7.58	44.30 1.30 -9.82	59.79 2.79 -16.32	64.66 2.87 -19.12	65.63 2.63 -19.66	73.06 2.51 -24.32	83.82 3.58 -21.33	50.97 3.38 4.15	45.04 3.59 6.71	36.48 3.48 12.42	70.92 3.28 -22.51	47.07 2.58 0.00	55.64 3.07 0.00	65.15 3.37 -7.96	61.73 2.45 -15.91	42.45 2.31 0.00
NORTHPORT___2 23552	32.90 2.08 0.00	31.93 1.69 0.00	27.35 1.35 0.00	21.08 0.88 0.00	22.95 0.97 0.00	27.31 1.07 0.00	30.07 1.15 0.00	42.68 1.29 -13.91	37.94 1.15 -7.58	44.30 1.30 -9.82	59.79 2.79 -16.32	64.66 2.87 -19.12	65.63 2.63 -19.66	73.06 2.51 -24.32	83.82 3.58 -21.33	50.97 3.38 4.15	45.04 3.59 6.71	32.86 3.48 16.04	48.83 3.28 -0.42	47.07 2.58 0.00	55.64 3.07 0.00	65.15 3.37 -7.96	61.73 2.45 -15.91	42.45 2.31 0.00
NORTHPORT___3 23553	32.87 2.05 0.00	31.90 1.66 0.00	27.31 1.31 0.00	21.05 0.85 0.00	22.90 0.92 0.00	27.25 1.02 0.00	30.03 1.10 0.00	42.64 1.24 -13.91	37.91 1.12 -7.58	44.27 1.26 -9.83	59.72 2.72 -16.32	64.64 2.85 -19.12	65.63 2.64 -19.66	73.07 2.52 -24.33	83.87 3.63 -21.33	51.40 3.50 3.83	45.73 3.69 6.12	32.97 3.52 15.98	48.80 3.26 -0.41	47.02 2.53 0.00	55.60 3.04 0.00	65.13 3.35 -7.96	61.76 2.48 -15.91	42.54 2.40 0.00
NORTHPORT___4 23650	32.87 2.05 0.00	31.90 1.66 0.00	27.31 1.31 0.00	21.05 0.85 0.00	22.90 0.92 0.00	27.25 1.02 0.00	30.03 1.10 0.00	42.64 1.24 -13.91	37.91 1.12 -7.58	44.27 1.26 -9.83	59.72 2.72 -16.32	64.64 2.85 -19.12	65.63 2.64 -19.66	73.07 2.52 -24.33	83.87 3.63 -21.33	51.40 3.50 3.83	45.73 3.69 6.12	32.97 3.52 15.98	48.80 3.26 -0.41	47.02 2.53 0.00	55.60 3.04 0.00	65.13 3.35 -7.96	61.76 2.48 -15.91	42.54 2.40 0.00
NORTHPORT___IC 23718	32.90 2.07 0.00	31.93 1.69 0.00	27.35 1.35 0.00	21.08 0.87 0.00	22.95 0.97 0.00	27.31 1.07 0.00	30.07 1.15 0.00	42.68 1.28 -13.91	37.94 1.15 -7.58	44.29 1.29 -9.83	59.79 2.79 -16.32	64.65 2.87 -19.12	65.63 2.64 -19.66	73.06 2.51 -24.32	83.83 3.60 -21.33	50.97 3.38 4.15	45.05 3.61 6.71	32.85 3.47 16.04	48.83 3.28 -0.42	47.07 2.58 0.00	55.65 3.08 0.00	65.15 3.37 -7.95	61.73 2.45 -15.91	42.45 2.31 0.00
NORTH___COUNTRY_ESR 323785	29.04 -1.78 0.00	28.59 -1.66 0.00	24.76 -1.24 0.00	19.33 -0.88 0.00	21.15 -0.83 0.00	25.36 -0.87 0.00	28.11 -0.81 0.00	26.88 -0.60 0.00	28.62 -0.59 0.00	32.31 -0.86 0.00	39.23 -1.45 0.00	40.67 -2.00 0.01	41.48 -1.85 0.00	44.24 -1.99 0.00	56.03 -2.88 0.00	48.56 -3.18 0.00	45.32 -2.84 0.00	42.81 -2.62 0.00	43.15 -1.98 0.00	42.61 -1.88 0.00	50.23 -2.34 0.00	50.93 -1.65 1.24	42.55 -0.82 0.00	39.50 -0.63 0.00
NPX_GEN_1385_PROXY 323591	20.41 1.12 11.52	31.21 0.97 0.00	26.89 0.89 0.00	20.84 0.64 0.00	22.85 0.88 0.00	27.24 1.00 0.00	29.89 0.97 0.00	42.28 0.89 -13.91	37.02 0.22 -7.58	43.25 0.24 -9.82	58.70 1.70 -16.32	64.03 2.24 -19.12	63.29 1.65 -18.31	72.65 2.11 -24.32	83.65 3.41 -21.33	49.95 3.53 5.32	45.23 3.78 6.71	36.56 4.20 13.08	91.47 4.70 -41.63	59.02 3.98 -10.54	77.98 4.70 -20.71	66.54 4.76 -7.96	62.17 2.89 -15.91	42.01 1.87 0.00
NPX_GEN_CSC 323557	33.26 2.44 0.00	32.20 1.96 0.00	27.53 1.53 0.00	21.20 0.99 0.00	23.06 1.08 0.00	27.48 1.24 0.00	30.37 1.45 0.00	43.07 1.68 -13.91	38.47 1.68 -7.58	44.98 1.97 -9.84	60.47 3.47 -16.32	65.48 3.69 -19.12	65.16 3.52 -18.31	74.03 3.48 -24.33	97.23 4.95 -33.36	109.33 4.38 -53.21	244.79 4.57 -192.06	264.51 4.50 -214.59	263.96 4.22 -214.61	47.74 3.24 0.00	56.59 4.03 0.00	65.98 4.20 -7.96	62.32 3.04 -15.91	43.17 3.03 0.00
NSINS_S_GLNS_FALLS 23858	33.65 2.83 0.00	32.65 2.41 0.00	28.05 2.05 0.00	21.72 1.51 0.00	23.61 1.64 0.00	28.31 2.08 0.00	31.20 2.28 0.00	31.83 2.23 -2.12	32.83 2.43 -1.19	37.22 2.61 -1.44	43.81 3.13 0.00	46.05 3.39 0.00	46.93 3.60 0.00	50.07 3.85 0.00	64.17 5.26 0.00	56.50 4.76 0.00	52.57 4.41 0.00	50.45 3.92 -1.10	48.77 3.64 0.00	48.42 3.93 0.00	57.39 4.82 0.00	58.87 4.74 -0.31	46.97 3.61 0.00	43.26 3.12 0.00
NUCOR_STEEL___DRP 24197	31.80 0.98 0.00	30.99 0.74 0.00	26.46 0.46 0.00	20.52 0.32 0.00	22.29 0.31 0.00	26.73 0.50 0.00	29.53 0.61 0.00	28.20 0.72 0.00	30.05 0.84 0.00	34.18 1.01 0.00	42.24 1.56 0.00	46.43 1.64 -2.12	48.12 1.62 -3.17	48.43 1.60 -0.61	60.99 2.08 0.00	53.84 2.10 0.00	49.97 1.81 0.00	47.10 1.67 0.00	46.86 1.73 0.00	46.51 2.01 0.00	59.08 2.37 -4.14	60.58 2.03 -4.72	48.16 1.68 -3.12	43.94 1.34 -2.47
NUMBER_THREE_WT_PWR 323818	31.82 1.00 0.00	30.95 0.70 0.00	26.50 0.50 0.00	20.15 -0.06 0.00	22.49 0.51 0.00	26.88 0.65 0.00	29.75 0.83 0.00	27.60 0.12 0.00	29.92 0.71 0.00	34.36 1.18 0.00	42.45 1.77 0.00	45.55 1.92 -0.96	46.54 1.81 -1.40	47.83 1.33 -0.27	59.80 0.89 0.00	52.51 0.77 0.00	48.68 0.52 0.00	45.93 0.50 0.00	46.14 1.02 0.00	46.21 1.72 0.00	57.15 2.74 -1.84	61.96 3.20 -4.94	47.54 2.79 -1.38	43.46 2.23 -1.10
NYISO_LBMP_REFERENCE 24008	30.82 0.00 0.00	30.24 0.00 0.00	26.00 0.00 0.00	20.20 0.00 0.00	21.98 0.00 0.00	26.24 0.00 0.00	28.92 0.00 0.00	27.48 0.00 0.00	29.21 0.00 0.00	33.18 0.00 0.00	40.68 0.00 0.00	42.67 0.00 0.00	43.33 0.00 0.00	46.22 0.00 0.00	58.91 0.00 0.00	51.74 0.00 0.00	48.16 0.00 0.00	45.43 0.00 0.00	45.13 0.00 0.00	44.49 0.00 0.00	52.57 0.00 0.00	53.83 0.00 0.00	43.37 0.00 0.00	40.14 0.00 0.00
NYPA_BRENTWD____GT 24164	33.48 2.66 0.00	32.45 2.21 0.00	27.75 1.75 0.00	21.38 1.18 0.00	23.27 1.29 0.00	27.72 1.48 0.00	30.59 1.67 0.00	43.24 1.85 -13.91	38.62 1.82 -7.58	45.08 2.07 -9.83	60.41 3.41 -16.32	65.34 3.55 -19.12	66.40 3.40 -19.66	74.04 3.49 -24.33	88.32 4.78 -24.62	88.01 4.28 -31.99	103.64 4.48 -51.00	96.94 4.29 -47.22	108.25 4.06 -59.05	47.82 3.33 0.00	56.81 4.24 0.00	66.28 4.50 -7.96	62.74 3.46 -15.91	43.37 3.23 0.00

NYPA_GOWANUS____GT5 24156	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.21 2.00 -9.04	43.39 2.71 0.00	45.45 2.78 0.00	45.91 2.58 0.00	48.50 2.28 0.00	57.85 3.30 4.36	55.28 3.54 0.01	51.68 3.52 0.00	49.14 3.45 -0.25	48.21 3.09 0.01	47.21 2.72 0.00	61.07 3.08 -5.42	69.36 2.96 -12.57	50.35 2.38 -4.61	42.71 2.57 -0.01
NYPA_GOWANUS____GT6 24157	32.92 2.10 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.21 2.00 -9.04	43.39 2.71 0.00	45.45 2.78 0.00	45.91 2.58 0.00	48.50 2.28 0.00	57.85 3.30 4.36	55.28 3.54 0.01	51.68 3.52 0.00	49.14 3.45 -0.25	48.21 3.09 0.01	47.21 2.72 0.00	61.07 3.08 -5.42	69.36 2.96 -12.57	50.35 2.38 -4.61	42.71 2.57 -0.01
NYPA_HARLEM__RVR__GT1 24160	32.88 2.05 0.00	31.85 1.61 0.00	27.31 1.31 0.00	21.11 0.90 0.00	22.93 0.96 0.00	27.44 1.20 0.00	30.41 1.49 0.00	42.95 1.68 -13.78	38.54 1.81 -7.51	44.13 1.92 -9.04	43.30 2.62 0.00	45.30 2.63 0.00	45.81 2.48 0.00	48.56 2.34 0.00	62.32 3.40 -0.01	55.26 3.52 0.00	51.63 3.48 0.00	49.14 3.45 -0.25	48.12 3.00 0.01	47.13 2.64 0.00	55.55 2.99 0.00	56.69 2.83 -0.04	45.54 2.18 0.00	42.47 2.33 0.00
NYPA_HARLEM__RVR__GT2 24161	32.88 2.05 0.00	31.85 1.61 0.00	27.31 1.31 0.00	21.11 0.90 0.00	22.93 0.96 0.00	27.44 1.20 0.00	30.41 1.49 0.00	42.95 1.68 -13.78	38.54 1.81 -7.51	44.13 1.92 -9.04	43.30 2.62 0.00	45.30 2.63 0.00	45.81 2.48 0.00	48.56 2.34 0.00	62.32 3.40 -0.01	55.26 3.52 0.00	51.63 3.48 0.00	49.14 3.45 -0.25	48.12 3.00 0.01	47.13 2.64 0.00	55.55 2.99 0.00	56.69 2.83 -0.04	45.54 2.18 0.00	42.47 2.33 0.00
NYPA_KENT____GT 24152	32.89 2.07 0.00	31.86 1.61 0.00	27.29 1.29 0.00	21.09 0.88 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.96 1.69 -13.78	38.56 1.84 -7.51	44.17 1.96 -9.04	43.33 2.65 0.00	45.39 2.71 0.00	45.88 2.55 0.00	48.53 2.31 0.00	58.14 3.28 4.05	55.22 3.48 0.01	51.62 3.47 0.00	49.10 3.42 -0.25	48.17 3.05 0.01	47.15 2.66 0.00	57.59 2.97 -2.04	60.21 2.85 -3.54	47.58 2.26 -1.96	42.61 2.47 0.00
NYPA_POUCH1____GT 24155	32.80 1.98 0.00	31.77 1.53 0.00	27.21 1.21 0.00	21.02 0.81 0.00	22.80 0.82 0.00	27.28 1.05 0.00	30.10 1.31 0.13	34.22 1.55 -5.19	38.35 1.72 -7.42	43.62 1.83 -8.61	43.11 2.51 0.08	43.74 2.55 1.48	45.26 2.35 0.42	48.27 2.05 0.00	57.58 3.03 4.36	55.06 3.33 0.01	51.56 3.40 0.00	49.04 3.35 -0.25	48.10 2.98 0.01	47.13 2.63 0.00	61.08 3.10 -5.42	69.32 2.93 -12.57	50.28 2.30 -4.61	42.63 2.49 -0.01
NYPA_VERNON____GT2 24162	32.87 2.05 0.00	31.83 1.59 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.90 0.92 0.00	27.40 1.16 0.00	30.37 1.45 0.00	42.95 1.68 -13.78	38.57 1.85 -7.51	44.16 1.95 -9.04	43.31 2.63 0.00	45.35 2.68 0.00	45.88 2.55 0.00	48.59 2.37 0.00	58.47 3.30 3.74	55.22 3.49 0.01	51.60 3.45 0.00	49.11 3.43 -0.25	48.16 3.04 0.01	47.12 2.63 0.00	54.13 2.89 1.33	51.09 2.76 5.50	44.81 2.13 0.69	42.52 2.38 0.00
NYPA_VERNON____GT3 24163	32.87 2.05 0.00	31.83 1.59 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.90 0.92 0.00	27.40 1.16 0.00	30.37 1.45 0.00	42.95 1.68 -13.78	38.57 1.85 -7.51	44.16 1.95 -9.04	43.31 2.63 0.00	45.35 2.68 0.00	45.88 2.55 0.00	48.59 2.37 0.00	58.47 3.30 3.74	55.22 3.49 0.01	51.60 3.45 0.00	49.11 3.43 -0.25	48.16 3.04 0.01	47.12 2.63 0.00	54.13 2.89 1.33	51.09 2.76 5.50	44.81 2.13 0.69	42.52 2.38 0.00
NYPA____ASTORIA_CC1 323568	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.08 1.87 -9.04	43.20 2.52 0.00	45.24 2.57 0.00	45.76 2.43 0.00	48.48 2.26 0.00	57.70 3.15 4.36	55.09 3.35 0.01	51.46 3.31 0.00	48.99 3.31 -0.25	48.05 2.93 0.01	47.02 2.52 0.00	52.21 2.75 3.11	45.78 2.61 10.66	43.39 2.02 2.00	42.43 2.29 0.00
NYPA____ASTORIA_CC2 323569	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.05 0.85 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.78 -7.51	44.08 1.87 -9.04	43.20 2.52 0.00	45.24 2.57 0.00	45.76 2.43 0.00	48.48 2.26 0.00	57.70 3.15 4.36	55.09 3.35 0.01	51.46 3.31 0.00	48.99 3.31 -0.25	48.05 2.93 0.01	47.02 2.52 0.00	52.21 2.75 3.11	45.78 2.61 10.66	43.39 2.02 2.00	42.43 2.29 0.00
NYPA____HOLTSVILL 23794	33.30 2.49 0.00	32.27 2.03 0.00	27.61 1.61 0.00	21.27 1.06 0.00	23.14 1.16 0.00	27.56 1.33 0.00	30.43 1.51 0.00	43.10 1.71 -13.91	38.48 1.69 -7.58	44.96 1.94 -9.84	60.41 3.40 -16.32	65.35 3.56 -19.12	66.36 3.36 -19.66	73.89 3.34 -24.33	96.76 4.68 -33.16	109.86 4.29 -53.83	241.40 4.47 -188.77	260.52 4.32 -210.77	260.28 4.08 -211.07	47.82 3.32 0.00	56.51 3.94 0.00	65.91 4.13 -7.96	62.33 3.05 -15.91	43.13 2.99 0.00
NYPA____HELLGATE_GT1 24158	32.88 2.05 0.00	31.85 1.61 0.00	27.31 1.31 0.00	21.11 0.90 0.00	22.93 0.96 0.00	27.44 1.20 0.00	30.41 1.49 0.00	42.95 1.68 -13.78	38.54 1.81 -7.51	44.13 1.92 -9.04	43.30 2.62 0.00	45.30 2.63 0.00	45.81 2.48 0.00	48.56 2.34 0.00	62.32 3.40 -0.01	55.26 3.52 0.00	51.63 3.48 0.00	49.14 3.45 -0.25	48.12 3.00 0.01	47.13 2.64 0.00	55.55 2.99 0.00	56.69 2.83 -0.04	45.54 2.18 0.00	42.47 2.33 0.00
NYPA____HELLGATE_GT2 24159	32.88 2.05 0.00	31.85 1.61 0.00	27.31 1.31 0.00	21.11 0.90 0.00	22.93 0.96 0.00	27.44 1.20 0.00	30.41 1.49 0.00	42.95 1.68 -13.78	38.54 1.81 -7.51	44.13 1.92 -9.04	43.30 2.62 0.00	45.30 2.63 0.00	45.81 2.48 0.00	48.56 2.34 0.00	62.32 3.40 -0.01	55.26 3.52 0.00	51.63 3.48 0.00	49.14 3.45 -0.25	48.12 3.00 0.01	47.13 2.64 0.00	55.55 2.99 0.00	56.69 2.83 -0.04	45.54 2.18 0.00	42.47 2.33 0.00
NYS_BARGE____HYD 23848	32.61 1.79 0.00	31.54 1.31 0.00	26.43 0.43 0.00	20.36 0.16 0.00	22.09 0.11 0.00	26.96 0.73 0.00	29.92 1.00 0.00	28.75 1.27 0.00	29.52 1.83 1.53	34.53 2.58 1.22	43.97 3.29 0.00	46.17 3.50 0.00	46.83 3.50 0.00	49.30 3.08 0.00	61.87 2.95 0.00	54.98 3.24 0.00	50.76 2.60 0.00	47.29 1.86 0.00	47.20 2.07 0.00	46.76 2.26 0.00	55.02 2.45 0.00	55.90 2.08 0.00	46.12 2.75 0.00	42.51 2.37 0.00
OAK ORCHARD____HYD 24046	32.51 1.69 0.00	31.53 1.29 0.00	26.62 0.62 0.00	20.57 0.37 0.00	22.33 0.35 0.00	27.03 0.79 0.00	29.96 1.05 0.00	28.71 1.23 0.00	30.06 1.70 0.86	34.78 2.30 0.69	43.73 3.05 0.00	45.97 3.30 0.00	46.69 3.35 0.00	49.43 3.21 0.00	62.50 3.58 0.00	55.30 3.56 0.00	51.26 3.10 0.00	48.09 2.65 0.00	47.91 2.78 0.00	47.35 2.86 0.00	55.67 3.11 0.00	56.50 2.67 0.00	45.94 2.58 0.00	42.24 2.10 0.00

OAKDALE___35_KV_LOAD 356122	31.89 1.07 0.00	31.03 0.79 0.00	26.52 0.51 0.00	20.56 0.35 0.00	22.35 0.37 0.00	26.86 0.62 0.00	29.63 0.71 0.00	28.41 0.93 0.00	30.36 1.14 0.00	34.56 1.38 0.00	42.70 2.03 0.00	45.65 2.10 -0.88	46.61 1.98 -1.29	48.48 2.00 -0.25	61.44 2.52 0.00	54.31 2.57 0.00	50.18 2.03 0.00	47.25 1.81 0.00	46.77 1.65 0.00	46.17 1.68 0.00	56.15 1.90 -1.68	57.46 1.81 -1.83	46.17 1.54 -1.26	42.41 1.28 -1.00
OCC_CHEM___DRP 24175	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.12 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.30 0.82 0.00	30.63 1.42 0.00	35.38 2.21 0.00	43.52 2.84 0.00	45.65 2.98 0.00	46.35 3.01 0.00	48.76 2.53 0.00	61.09 2.17 0.00	54.21 2.47 0.00	50.02 1.86 0.00	46.69 1.25 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.12 1.55 0.00	54.90 1.08 0.00	45.23 1.87 0.00	41.90 1.76 0.00
OH_GEN_PROXY 24063	32.15 1.32 0.00	31.15 0.91 0.00	26.13 0.13 0.00	20.18 -0.03 0.00	21.88 -0.09 0.00	26.69 0.45 0.00	29.60 0.68 0.00	28.42 0.94 0.00	28.87 1.47 1.82	33.95 2.23 1.45	43.66 2.98 0.00	45.89 3.22 0.00	45.15 3.18 1.36	48.93 2.71 0.00	61.46 2.55 0.00	53.30 2.74 1.17	50.28 2.13 0.00	46.86 1.43 0.00	46.72 1.59 0.00	46.25 1.76 0.00	54.43 1.86 0.00	55.20 1.37 0.00	45.35 1.99 0.00	41.82 1.68 0.00
OLIN_CORP_DRP 24177	32.22 1.40 0.00	31.19 0.95 0.00	26.15 0.15 0.00	20.16 -0.05 0.00	21.87 -0.11 0.00	26.70 0.46 0.00	29.62 0.70 0.00	28.42 0.94 0.00	30.66 1.45 0.00	35.30 2.12 0.00	43.42 2.74 0.00	45.60 2.93 0.00	46.28 2.95 0.00	48.71 2.49 0.00	61.05 2.14 0.00	54.23 2.49 0.00	50.05 1.90 0.00	46.73 1.30 0.00	46.49 1.36 0.00	46.03 1.54 0.00	54.18 1.61 0.00	54.94 1.12 0.00	45.40 2.04 0.00	41.93 1.79 0.00
OLIN_CORP_DSASP 323712	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.11 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.31 0.83 0.00	28.91 1.40 1.71	34.00 2.19 1.37	43.54 2.86 0.00	45.72 3.05 0.00	46.39 3.06 0.00	48.75 2.53 0.00	61.11 2.19 0.00	54.22 2.48 0.00	50.03 1.87 0.00	46.56 1.12 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.13 1.56 0.00	54.91 1.09 0.00	45.24 1.87 0.00	41.90 1.77 0.00
ONEIDA_HERK_LFGE 323681	32.06 1.23 0.00	31.26 1.02 0.00	26.79 0.78 0.00	20.61 0.40 0.00	22.66 0.69 0.00	27.10 0.86 0.00	29.93 1.01 0.00	28.20 0.72 0.00	30.24 1.03 0.00	34.50 1.32 0.00	42.49 1.81 0.00	45.09 1.90 -0.52	45.97 1.87 -0.77	48.13 1.76 -0.15	60.80 1.88 0.00	53.44 1.70 0.00	49.68 1.52 0.00	46.90 1.47 0.00	46.79 1.66 0.00	46.49 2.00 0.00	56.22 2.64 -1.00	59.06 2.80 -2.44	46.45 2.33 -0.75	42.64 1.91 -0.60
ONEIDA___115KV_TB4 55905	32.49 1.67 0.00	31.68 1.43 0.00	27.12 1.12 0.00	21.00 0.79 0.00	22.91 0.93 0.00	27.43 1.19 0.00	30.28 1.36 0.00	28.75 1.26 0.00	30.66 1.45 0.00	34.86 1.68 0.00	42.89 2.21 0.00	45.57 2.19 -0.70	46.53 2.14 -1.05	48.65 2.22 -0.20	61.66 2.74 0.00	54.29 2.55 0.00	50.45 2.30 0.00	47.61 2.18 0.00	47.33 2.20 0.00	46.90 2.40 0.00	56.91 2.97 -1.37	58.88 2.99 -2.06	46.98 2.58 -1.03	43.08 2.13 -0.82
ONONDAGA_REF_OCCRA 23987	31.47 0.65 0.00	30.72 0.48 0.00	26.28 0.27 0.00	20.38 0.17 0.00	22.13 0.16 0.00	26.50 0.26 0.00	29.25 0.34 0.00	27.92 0.44 0.00	29.78 0.56 0.00	33.91 0.74 0.00	41.89 1.21 0.00	45.54 1.27 -1.60	47.05 1.33 -2.39	47.94 1.25 -0.46	60.48 1.57 0.00	53.37 1.64 0.00	49.57 1.41 0.00	46.73 1.30 0.00	46.43 1.31 0.00	45.78 1.29 0.00	57.13 1.44 -3.12	58.79 1.30 -3.66	46.65 0.94 -2.35	42.68 0.68 -1.86
ONONDAGA___COGEN 23986	31.38 0.55 0.00	30.68 0.43 0.00	26.23 0.22 0.00	20.36 0.15 0.00	22.12 0.14 0.00	26.46 0.22 0.00	29.21 0.29 0.00	27.84 0.35 0.00	29.64 0.43 0.00	33.65 0.48 0.00	41.56 0.88 0.00	45.94 0.90 -2.37	47.79 0.91 -3.54	47.74 0.83 -0.68	59.96 1.05 0.00	52.92 1.18 0.00	49.16 1.00 0.00	46.37 0.94 0.00	46.08 0.95 0.00	45.47 0.98 0.00	58.35 1.14 -4.64	60.11 0.99 -5.30	47.57 0.71 -3.49	43.39 0.48 -2.76
ONTARIO___LFGE 23819	32.65 1.83 0.00	31.62 1.38 0.00	26.79 0.79 0.00	20.72 0.51 0.00	22.49 0.51 0.00	27.19 0.96 0.00	30.13 1.21 0.00	28.98 1.49 0.00	31.07 1.86 0.00	35.35 2.18 0.00	43.77 3.10 0.00	46.65 3.19 -0.78	47.37 2.86 -1.18	49.58 3.13 -0.23	63.11 4.20 0.00	55.60 3.86 0.00	51.44 3.28 0.00	48.44 3.01 0.00	48.37 3.25 0.00	47.87 3.38 0.00	57.88 3.77 -1.54	58.98 3.48 -1.68	47.39 2.87 -1.16	43.36 2.30 -0.92
ORANGEVILLE_WT_PWR 323706	32.58 1.76 0.00	31.63 1.39 0.00	26.54 0.54 0.00	20.41 0.20 0.00	22.11 0.14 0.00	27.00 0.77 0.00	30.00 1.08 0.00	29.03 1.55 0.00	30.63 2.14 0.72	35.43 2.83 0.58	44.49 3.81 0.00	46.72 4.05 0.00	47.29 3.96 0.00	49.94 3.72 0.00	63.01 4.10 0.00	55.86 4.12 0.00	51.48 3.33 0.00	48.13 2.70 0.00	47.93 2.81 0.00	47.40 2.90 0.00	55.78 3.21 0.00	56.70 2.88 0.00	46.41 3.05 0.00	42.72 2.58 0.00
ORANGEVILLE___ESR 323794	32.58 1.76 0.00	31.63 1.39 0.00	26.54 0.54 0.00	20.41 0.20 0.00	22.11 0.14 0.00	27.00 0.77 0.00	30.00 1.08 0.00	29.03 1.55 0.00	30.63 2.14 0.72	35.43 2.83 0.58	44.49 3.81 0.00	46.72 4.05 0.00	47.29 3.96 0.00	49.94 3.72 0.00	63.01 4.10 0.00	55.86 4.12 0.00	51.48 3.33 0.00	48.13 2.70 0.00	47.93 2.81 0.00	47.40 2.90 0.00	55.78 3.21 0.00	56.70 2.88 0.00	46.41 3.05 0.00	42.72 2.58 0.00
OSWEGATCHIE___HYD 24044	30.82 0.00 0.00	30.16 -0.08 0.00	25.92 -0.08 0.00	19.92 -0.29 0.00	22.00 0.02 0.00	26.30 0.07 0.00	29.12 0.20 0.00	27.18 -0.30 0.00	29.00 -0.21 0.00	33.11 -0.07 0.00	40.64 -0.04 0.00	43.39 -0.11 -0.83	44.28 -0.22 -1.17	45.86 -0.58 -0.23	57.52 -1.39 0.00	50.22 -1.52 0.00	46.69 -1.47 0.00	44.15 -1.29 0.00	44.40 -0.72 0.00	44.22 -0.28 0.00	54.47 0.37 -1.54	63.12 0.86 -8.44	45.64 1.12 -1.16	41.91 0.86 -0.91
OSWEGO___5 23606	30.62 -0.21 0.00	29.92 -0.32 0.00	25.63 -0.37 0.00	19.90 -0.31 0.00	21.63 -0.35 0.00	25.88 -0.36 0.00	28.54 -0.39 0.00	27.20 -0.28 0.00	28.99 -0.22 0.00	33.00 -0.17 0.00	40.66 -0.01 0.00	52.64 0.05 -9.92	58.19 0.03 -14.83	48.93 -0.15 -2.87	58.62 -0.29 0.00	51.66 -0.08 0.00	48.01 -0.15 0.00	45.25 -0.18 0.00	44.96 -0.17 0.00	44.37 -0.13 0.00	71.89 -0.07 -19.40	74.77 -0.24 -21.18	57.82 -0.14 -14.60	51.46 -0.24 -11.56
OSWEGO___6 23613	30.62 -0.21 0.00	29.92 -0.32 0.00	25.63 -0.37 0.00	19.90 -0.31 0.00	21.63 -0.35 0.00	25.88 -0.36 0.00	28.54 -0.39 0.00	27.20 -0.28 0.00	28.99 -0.22 0.00	33.00 -0.17 0.00	40.66 -0.01 0.00	52.64 0.05 -9.92	58.19 0.03 -14.83	48.93 -0.15 -2.87	58.62 -0.29 0.00	51.66 -0.08 0.00	48.01 -0.15 0.00	45.25 -0.18 0.00	44.96 -0.17 0.00	44.37 -0.13 0.00	71.89 -0.07 -19.40	74.77 -0.24 -21.18	57.82 -0.14 -14.60	51.46 -0.24 -11.56

OUTOKUMPU-AB___DRP 24206	32.91 2.09 0.00	31.84 1.60 0.00	26.65 0.65 0.00	20.54 0.33 0.00	22.26 0.28 0.00	27.17 0.93 0.00	30.16 1.24 0.00	29.00 1.52 0.00	31.38 2.17 0.00	36.23 3.05 0.00	44.64 3.96 0.00	46.79 4.12 0.00	47.49 4.15 0.00	50.08 3.85 0.00	62.89 3.98 0.00	55.82 4.08 0.00	51.49 3.33 0.00	48.12 2.69 0.00	47.84 2.72 0.00	47.36 2.86 0.00	55.71 3.14 0.00	56.59 2.77 0.00	46.57 3.20 0.00	42.93 2.79 0.00
OXBOW___BTM 323836	32.59 1.77 0.00	31.54 1.30 0.00	26.41 0.41 0.00	20.36 0.16 0.00	22.08 0.10 0.00	26.94 0.70 0.00	29.90 0.98 0.00	28.72 1.24 0.00	29.36 1.86 1.71	34.50 2.70 1.37	44.21 3.53 0.00	46.21 3.54 0.00	46.88 3.55 0.00	49.34 3.12 0.00	61.92 3.01 0.00	54.96 3.22 0.00	50.71 2.55 0.00	47.23 1.80 0.00	47.08 1.95 0.00	46.60 2.11 0.00	54.84 2.27 0.00	55.88 2.05 0.00	46.05 2.68 0.00	42.53 2.39 0.00
OXBOW___ 24026	32.59 1.77 0.00	31.54 1.30 0.00	26.41 0.41 0.00	20.36 0.16 0.00	22.07 0.10 0.00	26.94 0.70 0.00	29.90 0.98 0.00	28.72 1.23 0.00	31.08 1.87 0.00	35.90 2.72 0.00	44.19 3.52 0.00	46.14 3.47 0.00	46.84 3.51 0.00	49.35 3.13 0.00	61.91 3.00 0.00	54.96 3.22 0.00	50.70 2.54 0.00	47.35 1.92 0.00	47.07 1.94 0.00	46.61 2.11 0.00	54.83 2.26 0.00	55.87 2.04 0.00	46.04 2.68 0.00	42.53 2.39 0.00
OXY_CHEM_DSASP 323612	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.12 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.30 0.82 0.00	30.63 1.42 0.00	35.38 2.21 0.00	43.52 2.84 0.00	45.65 2.98 0.00	46.35 3.01 0.00	48.76 2.53 0.00	61.09 2.17 0.00	54.21 2.47 0.00	50.02 1.86 0.00	46.69 1.25 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.12 1.55 0.00	54.90 1.08 0.00	45.23 1.87 0.00	41.90 1.76 0.00
OZONE_PARK_ESR 323760	33.21 2.39 0.00	32.16 1.92 0.00	27.55 1.55 0.00	21.28 1.08 0.00	23.12 1.15 0.00	27.67 1.43 0.00	30.66 1.74 0.00	43.27 2.00 -13.79	38.91 2.18 -7.51	44.61 2.40 -9.04	43.90 3.22 0.00	46.01 3.34 0.00	46.61 3.28 0.00	49.51 3.29 0.00	63.48 4.57 0.00	56.33 4.59 0.00	52.63 4.47 0.00	50.00 -0.25 0.00	49.12 3.99 0.00	48.06 3.57 0.00	56.54 3.98 0.00	57.70 3.85 -0.03	46.26 2.90 0.00	43.12 2.98 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.12 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.30 0.82 0.00	30.63 1.42 0.00	35.38 2.21 0.00	43.52 2.84 0.00	45.65 2.98 0.00	46.35 3.01 0.00	48.76 2.53 0.00	61.09 2.17 0.00	54.21 2.47 0.00	50.02 1.86 0.00	46.69 1.25 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.12 1.55 0.00	54.90 1.08 0.00	45.23 1.87 0.00	41.90 1.76 0.00
PACKARD___115KV_DUPONT_184 80571	32.09 1.27 0.00	31.08 0.84 0.00	26.05 0.05 0.00	20.09 -0.12 0.00	21.79 -0.19 0.00	26.59 0.35 0.00	29.51 0.59 0.00	28.30 0.82 0.00	30.63 1.42 0.00	35.38 2.21 0.00	43.52 2.84 0.00	45.65 2.98 0.00	46.35 3.01 0.00	48.76 2.53 0.00	61.09 2.17 0.00	54.21 2.47 0.00	50.02 1.86 0.00	46.69 1.25 0.00	46.43 1.30 0.00	45.97 1.47 0.00	54.12 1.55 0.00	54.90 1.08 0.00	45.23 1.87 0.00	41.90 1.76 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.84 2.02 0.00	31.83 1.59 0.00	27.29 1.29 0.00	21.10 0.89 0.00	22.92 0.94 0.00	27.42 1.19 0.00	30.37 1.45 0.00	42.90 1.64 -13.78	38.48 1.75 -7.51	44.08 1.87 -9.04	43.29 2.62 0.00	45.33 2.66 0.00	45.87 2.54 0.00	48.63 2.41 0.00	62.32 3.41 0.00	55.24 3.50 0.01	51.62 3.47 0.00	49.13 3.45 -0.25	48.13 3.01 0.01	47.15 2.65 0.00	55.57 3.00 0.01	56.72 2.86 -0.04	45.56 2.20 0.00	42.43 2.30 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.05 2.23 0.00	32.05 1.81 0.00	27.49 1.49 0.00	21.24 1.04 0.00	23.09 1.11 0.00	27.63 1.39 0.00	30.61 1.69 0.00	43.09 1.83 -13.78	38.69 1.96 -7.51	44.34 2.13 -9.04	43.66 2.98 0.00	45.74 3.07 0.00	46.35 3.01 0.00	49.11 2.89 0.00	63.01 4.10 0.00	55.84 4.11 0.01	52.11 3.95 0.00	49.58 3.89 -0.25	48.56 3.44 0.01	47.54 3.05 0.00	56.14 3.58 0.01	57.29 3.43 -0.04	46.01 2.65 0.00	42.73 2.59 0.00
PATROON___115KV_TB1 80586	32.35 1.53 0.00	31.59 1.35 0.00	27.22 1.22 0.00	21.10 0.90 0.00	22.90 0.92 0.00	27.33 1.10 0.00	30.00 1.08 0.00	30.74 1.01 -2.25	31.51 1.05 -1.25	35.82 1.13 -1.51	41.97 1.30 0.00	43.91 1.24 0.00	44.50 1.17 0.00	47.36 1.14 0.00	60.64 1.72 0.00	53.53 1.79 0.00	50.03 1.87 0.00	47.40 1.72 -0.25	46.63 1.50 0.00	45.87 1.38 0.00	54.25 1.68 0.00	55.60 1.65 -0.12	44.56 1.20 0.00	41.37 1.23 0.00
PATTRSNVILLE___SOLAR 323815	32.50 1.68 0.00	31.75 1.51 0.00	27.29 1.28 0.00	21.15 0.94 0.00	22.99 1.01 0.00	27.47 1.24 0.00	30.24 1.32 0.00	30.68 1.27 -1.93	31.69 1.34 -1.13	36.02 1.47 -1.37	42.35 1.68 0.00	44.42 1.75 0.00	45.11 1.78 0.00	48.09 1.87 0.00	61.44 2.52 0.00	54.24 2.51 0.00	50.78 2.62 0.00	48.51 2.47 -0.61	47.38 2.26 0.00	46.85 2.36 0.00	55.49 2.92 0.00	56.90 2.89 -0.18	45.55 2.18 0.00	42.10 1.97 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.27 2.45 0.00	32.16 1.92 0.00	26.98 0.98 0.00	20.80 0.59 0.00	22.58 0.60 0.00	27.53 1.30 0.00	30.57 1.65 0.00	29.43 1.94 0.00	31.81 2.60 0.00	36.69 3.52 0.00	45.31 4.63 0.00	47.66 4.99 0.00	48.29 4.96 0.00	51.01 4.78 0.00	64.27 5.36 0.00	57.05 5.31 0.00	52.54 4.38 0.00	49.16 3.73 0.00	48.84 3.71 0.00	48.25 3.76 0.00	56.71 4.14 0.00	57.60 3.77 0.00	47.15 3.79 0.00	43.33 3.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.03 2.21 0.00	32.03 1.79 0.00	27.45 1.45 0.00	21.22 1.02 0.00	23.05 1.07 0.00	27.57 1.33 0.00	30.51 1.59 0.00	33.79 1.78 -4.52	33.62 1.94 -2.47	38.36 2.22 -2.97	43.73 3.05 0.00	45.93 3.26 0.00	46.63 3.30 0.00	49.66 3.44 0.00	63.73 4.82 0.00	56.54 4.80 0.00	52.88 4.72 0.00	50.19 4.53 -0.23	49.38 4.25 0.00	48.35 3.86 0.00	56.88 4.31 0.00	57.96 4.14 0.00	46.35 2.99 0.00	42.97 2.83 0.00
PEEKSKILL___ 23653	32.61 1.79 0.00	31.64 1.40 0.00	27.14 1.13 0.00	20.98 0.77 0.00	22.79 0.81 0.00	27.25 1.01 0.00	30.14 1.22 0.00	45.05 1.39 -16.18	39.50 1.48 -8.82	45.39 1.61 -10.60	42.92 2.24 0.00	44.99 2.32 0.00	45.61 2.28 0.00	48.51 2.29 0.00	62.19 3.27 0.00	55.14 3.40 0.00	51.58 3.41 0.00	49.01 3.33 -0.25	48.18 3.05 0.00	47.16 2.66 0.00	55.54 2.97 0.00	56.68 2.83 -0.03	45.40 2.03 0.00	42.21 2.07 0.00
PGE MADISON___WINDPWR 24146	33.99 3.17 0.00	33.29 3.05 0.00	28.42 2.42 0.00	22.13 1.92 0.00	24.09 2.10 0.00	29.04 2.81 0.00	32.19 3.27 0.00	30.81 3.33 0.00	33.08 3.36 -0.50	37.73 4.15 -0.40	46.37 5.69 0.00	49.52 5.91 -0.94	50.68 5.95 -1.40	52.92 6.42 -0.27	67.52 8.61 0.00	60.03 8.29 0.00	55.30 7.14 0.00	51.69 6.26 0.00	51.14 6.01 0.00	50.48 5.99 0.00	61.48 7.11 -1.80	63.01 7.22 -1.97	50.45 5.73 -1.36	46.03 4.81 -1.07

PIERCEFIELD___HYD 23852	29.49 -1.33 0.00	29.10 -1.15 0.00	25.12 -0.88 0.00	19.51 -0.70 0.00	21.37 -0.61 0.00	25.54 -0.69 0.00	28.28 -0.64 0.00	26.53 -0.95 0.00	27.86 -1.36 0.00	31.60 -1.57 0.00	38.47 -2.21 0.00	40.48 -2.56 -0.38	41.34 -2.59 -0.59	43.77 -2.57 -0.11	55.21 -3.71 0.00	47.90 -3.84 0.00	44.59 -3.56 0.00	42.18 -3.25 0.00	42.46 -2.67 0.00	42.09 -2.40 0.00	51.01 -2.33 -0.78	49.19 -2.02 2.61	42.98 -0.97 -0.58	39.80 -0.80 -0.46
PINELAWN_CC_1 323563	33.28 2.46 0.00	32.25 2.01 0.00	27.63 1.63 0.00	21.27 1.07 0.00	23.14 1.16 0.00	27.57 1.34 0.00	30.45 1.53 0.00	43.12 1.73 -13.91	38.49 1.69 -7.58	44.95 1.94 -9.83	60.32 3.32 -16.32	65.29 3.50 -19.12	66.44 3.45 -19.66	74.04 3.49 -24.33	86.81 4.86 -23.03	86.11 4.57 -29.81	82.24 4.68 -29.40	67.08 4.52 -17.13	80.14 4.28 -30.73	48.06 3.56 0.00	56.73 4.16 0.00	66.14 4.36 -7.96	62.52 3.24 -15.91	43.17 3.03 0.00
PJM_GEN_HTTP_PROXY 323702	32.80 1.97 0.00	31.77 1.53 0.00	27.24 1.23 0.00	21.06 0.86 0.00	22.88 0.90 0.00	27.36 1.12 0.00	30.31 1.39 0.00	42.90 1.63 -13.79	38.47 1.75 -7.52	44.13 1.91 -9.04	43.21 2.61 0.07	45.34 2.67 0.00	45.94 2.61 0.00	48.79 2.57 0.00	62.53 3.62 0.00	55.47 3.73 0.00	51.82 3.67 0.00	49.25 3.56 -0.25	48.38 3.25 0.00	47.35 2.85 0.00	55.72 3.15 0.00	56.86 3.01 -0.03	44.11 2.21 1.46	42.50 2.36 0.00
PJM_GEN_KEystone 24065	32.18 1.36 0.00	31.17 0.93 0.00	26.53 0.53 0.00	19.26 0.31 1.27	22.11 0.32 0.19	26.87 0.63 0.00	29.72 0.81 0.01	6.09 1.05 22.44	16.69 1.27 13.79	18.78 1.56 15.95	42.91 2.30 0.07	45.06 2.39 0.00	45.62 2.29 0.00	48.28 2.17 0.11	60.98 2.73 0.66	54.02 2.89 0.61	50.63 2.47 0.00	47.78 2.24 -0.12	47.14 2.01 0.00	46.36 1.87 0.00	54.58 2.01 0.00	55.65 1.82 0.00	43.51 1.61 1.46	41.62 1.48 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.91 2.09 0.00	31.93 1.69 0.00	27.35 1.35 0.00	21.09 0.89 0.00	22.93 0.95 0.00	27.31 1.08 0.00	30.16 1.24 0.00	42.81 1.42 -13.91	38.20 1.41 -7.58	44.44 1.60 -9.66	55.18 2.79 -11.71	55.85 2.96 -10.23	56.73 2.88 -10.52	62.10 2.87 -13.02	74.88 4.00 -11.96	68.75 3.89 -13.13	58.85 3.98 -6.71	51.22 3.82 -1.97	66.20 3.55 -17.51	47.41 2.92 0.00	55.90 3.34 0.00	64.75 3.48 -7.45	60.41 2.59 -14.45	42.62 2.49 0.00
PJM_GEN_VFT_PROXY 323633	32.63 1.81 0.00	31.61 1.37 0.00	27.10 1.10 0.00	20.95 0.74 0.00	22.76 0.78 0.00	27.21 0.98 0.00	30.00 1.21 0.13	34.11 1.44 -5.18	38.19 1.56 -7.42	41.88 1.68 -7.02	42.90 2.30 0.08	45.01 2.34 0.00	45.59 2.26 0.00	46.80 2.19 1.61	52.54 3.11 9.49	46.31 3.32 8.75	51.45 3.30 0.01	48.72 3.22 -0.07	48.01 2.89 0.01	47.03 2.53 0.00	55.40 2.83 0.00	56.54 2.68 -0.03	43.86 1.95 1.46	42.31 2.17 0.00
PLATSBURG_115KV_PMLD1 355749	29.55 -1.27 0.00	28.97 -1.27 0.00	25.16 -0.84 0.00	19.59 -0.62 0.00	21.44 -0.53 0.00	25.77 -0.47 0.00	28.56 -0.36 0.00	27.36 -0.13 0.00	29.21 0.00 0.00	32.90 -0.28 0.00	39.90 -0.77 0.00	41.05 -1.61 0.01	41.70 -1.63 0.00	44.25 -1.97 0.00	56.04 -2.87 0.00	48.49 -3.25 0.00	45.26 -2.90 0.00	42.70 -2.73 0.00	43.01 -2.12 0.00	42.47 -2.02 0.00	50.21 -2.36 0.00	51.46 -1.33 1.03	43.21 -0.15 0.00	40.21 0.07 0.00
PLEASANTVLY___LBMP 24000	32.50 1.68 0.00	31.59 1.35 0.00	27.11 1.11 0.00	20.97 0.77 0.00	22.79 0.81 0.00	27.23 1.00 0.00	30.08 1.16 0.00	34.65 1.30 -5.87	33.79 1.37 -3.20	38.51 1.48 -3.85	42.69 2.01 0.00	44.72 2.06 0.00	45.36 2.03 0.00	48.25 2.02 0.00	61.85 2.93 0.00	54.79 3.06 0.00	51.24 3.08 0.00	48.71 2.98 -0.30	47.85 2.72 0.00	46.91 2.42 0.00	55.28 2.71 0.00	56.50 2.63 -0.04	45.25 1.89 0.00	42.03 1.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.76 1.94 0.00	31.79 1.55 0.00	27.26 1.26 0.00	21.08 0.87 0.00	22.89 0.91 0.00	27.36 1.12 0.00	30.27 1.35 0.00	39.63 1.54 -10.61	36.65 1.65 -5.78	41.94 1.81 -6.95	43.17 2.49 0.00	45.25 2.58 0.00	45.90 2.57 0.00	48.83 2.60 0.00	62.61 3.70 0.00	55.52 3.79 0.00	51.92 3.76 0.00	49.29 3.61 -0.26	48.45 3.32 0.00	47.42 2.93 0.00	55.82 3.26 0.00	56.96 3.11 -0.03	45.62 2.26 0.00	42.42 2.29 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.76 1.94 0.00	31.79 1.55 0.00	27.26 1.26 0.00	21.08 0.87 0.00	22.89 0.91 0.00	27.36 1.12 0.00	30.27 1.35 0.00	39.63 1.54 -10.61	36.65 1.65 -5.78	41.94 1.81 -6.95	43.17 2.49 0.00	45.25 2.58 0.00	45.90 2.57 0.00	48.83 2.60 0.00	62.61 3.70 0.00	55.52 3.79 0.00	51.92 3.76 0.00	49.29 3.61 -0.26	48.45 3.32 0.00	47.42 2.93 0.00	55.82 3.26 0.00	56.96 3.11 -0.03	45.62 2.26 0.00	42.42 2.29 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.83 2.01 0.00	31.87 1.63 0.00	27.34 1.34 0.00	21.14 0.93 0.00	22.97 0.99 0.00	27.46 1.22 0.00	30.36 1.45 0.00	31.65 1.60 -2.56	32.33 1.72 -1.40	36.79 1.93 -1.69	43.33 2.65 0.00	45.46 2.79 0.00	46.13 2.79 0.00	49.14 2.92 0.00	63.04 4.13 0.00	55.90 4.16 0.00	52.31 4.15 0.00	49.70 4.04 -0.24	48.92 3.80 0.00	47.94 3.45 0.00	56.42 3.85 0.00	57.58 3.72 -0.03	46.04 2.68 0.00	42.66 2.52 0.00
POLETTI____ 23519	32.75 1.93 0.00	31.74 1.50 0.00	27.20 1.20 0.00	21.02 0.82 0.00	22.84 0.86 0.00	27.32 1.08 0.00	30.26 1.34 0.00	42.85 1.58 -13.79	38.43 1.71 -7.51	44.07 1.86 -9.04	43.21 2.53 0.00	45.25 2.58 0.00	45.84 2.51 0.00	48.67 2.44 0.00	62.36 3.44 0.00	55.35 3.61 0.00	51.73 3.57 0.00	49.14 3.46 -0.25	48.28 3.15 0.00	47.23 2.74 0.00	55.59 3.02 0.00	56.74 2.89 -0.03	45.47 2.11 0.00	42.43 2.30 0.00
POMONA___ESR 323819	32.52 1.70 0.00	31.58 1.34 0.00	27.08 1.08 0.00	20.94 0.73 0.00	22.75 0.77 0.00	27.20 0.96 0.00	30.07 1.15 0.00	8.30 1.29 20.47	19.42 1.36 11.15	21.26 1.49 13.41	42.80 2.12 0.00	44.91 2.24 0.00	45.57 2.24 0.00	48.48 2.26 0.00	62.14 3.23 0.00	55.11 3.37 0.00	51.57 3.41 0.00	49.00 3.34 -0.23	48.16 3.03 0.00	47.13 2.63 0.00	55.49 2.92 0.00	56.57 2.74 0.00	45.29 1.92 0.00	42.07 1.93 0.00
PORT_JEFF_3 23555	33.37 2.55 0.00	32.33 2.09 0.00	27.65 1.65 0.00	21.29 1.08 0.00	23.16 1.19 0.00	27.60 1.36 0.00	30.47 1.55 0.00	43.15 1.76 -13.91	38.54 1.75 -7.58	45.04 2.03 -9.84	60.53 3.53 -16.32	65.47 3.68 -19.12	66.38 3.39 -19.66	73.89 3.34 -24.33	97.15 4.61 -33.63	111.00 4.18 -55.08	248.97 4.38 -196.43	269.40 4.23 -219.74	268.51 3.99 -219.39	47.71 3.22 0.00	56.35 3.79 0.00	65.79 4.01 -7.96	62.32 3.04 -15.91	43.22 3.08 0.00
PORT_JEFF_4 23616	33.37 2.55 0.00	32.33 2.09 0.00	27.65 1.65 0.00	21.29 1.08 0.00	23.16 1.19 0.00	27.60 1.36 0.00	30.47 1.55 0.00	43.15 1.76 -13.91	38.54 1.75 -7.58	45.04 2.03 -9.84	60.53 3.53 -16.32	65.47 3.68 -19.12	66.38 3.39 -19.66	73.89 3.34 -24.33	97.15 4.61 -33.63	111.00 4.18 -55.08	248.97 4.38 -196.43	269.40 4.23 -219.74	268.51 3.99 -219.39	47.71 3.22 0.00	56.35 3.79 0.00	65.79 4.01 -7.96	62.32 3.04 -15.91	43.22 3.08 0.00

PORT_JEFF_IC 23713	33.42 2.60 0.00	32.36 2.12 0.00	27.68 1.68 0.00	21.31 1.11 0.00	23.19 1.21 0.00	27.63 1.39 0.00	30.52 1.59 0.00	43.19 1.80 -13.91	38.60 1.80 -7.58	45.12 2.10 -9.84	60.64 3.64 -16.32	65.60 3.81 -19.12	66.39 3.40 -19.66	73.89 3.34 -24.33	98.96 4.68 -35.37	115.71 4.28 -59.69	277.46 4.52 -224.78	302.74 4.32 -252.99	299.47 4.07 -250.27	47.77 3.27 0.00	56.42 3.84 0.00	65.80 4.02 -7.95	62.30 3.02 -15.91	43.32 3.19 0.00
PPL PILGRIM_ST_GT1 24216	33.48 2.66 0.00	32.45 2.21 0.00	27.75 1.75 0.00	21.38 1.18 0.00	23.27 1.29 0.00	27.72 1.48 0.00	30.59 1.67 0.00	43.24 1.85 -13.91	38.62 1.82 -7.58	45.08 2.07 -9.83	60.41 3.41 -16.32	65.34 3.55 -19.12	66.40 3.40 -19.66	74.04 3.49 -24.33	88.32 4.78 -24.62	88.01 4.28 -31.99	103.64 4.48 -51.00	96.94 4.29 -47.22	108.25 4.06 -59.05	47.82 3.33 0.00	56.81 4.24 0.00	66.28 4.50 -7.96	62.74 3.46 -15.91	43.37 3.23 0.00
PPL PILGRIM_ST_GT2 24217	33.48 2.66 0.00	32.45 2.21 0.00	27.75 1.75 0.00	21.38 1.18 0.00	23.27 1.29 0.00	27.72 1.48 0.00	30.59 1.67 0.00	43.24 1.85 -13.91	38.62 1.82 -7.58	45.08 2.07 -9.83	60.41 3.41 -16.32	65.34 3.55 -19.12	66.40 3.40 -19.66	74.04 3.49 -24.33	88.32 4.78 -24.62	88.01 4.28 -31.99	103.64 4.48 -51.00	96.94 4.29 -47.22	108.25 4.06 -59.05	47.82 3.33 0.00	56.81 4.24 0.00	66.28 4.50 -7.96	62.74 3.46 -15.91	43.37 3.23 0.00
PPL_SHRM_GT3 24213	33.31 2.49 0.00	32.25 2.01 0.00	27.56 1.56 0.00	21.22 1.01 0.00	23.08 1.11 0.00	27.51 1.27 0.00	30.40 1.48 0.00	43.10 1.71 -13.91	38.51 1.71 -7.58	45.02 2.00 -9.84	60.54 3.53 -16.32	65.54 3.75 -19.12	66.61 3.61 -19.66	74.14 3.60 -24.33	97.87 5.09 -33.87	112.00 4.51 -55.75	253.29 4.70 -200.43	274.43 4.63 -224.37	273.18 4.36 -223.69	47.88 3.38 0.00	56.72 4.15 0.00	66.10 4.32 -7.96	62.41 3.14 -15.91	43.23 3.09 0.00
PPL_SHRM_GT4 24214	33.31 2.49 0.00	32.25 2.01 0.00	27.56 1.56 0.00	21.22 1.01 0.00	23.08 1.11 0.00	27.51 1.27 0.00	30.40 1.48 0.00	43.10 1.71 -13.91	38.51 1.71 -7.58	45.02 2.00 -9.84	60.54 3.53 -16.32	65.54 3.75 -19.12	66.61 3.61 -19.66	74.14 3.60 -24.33	97.87 5.09 -33.87	112.00 4.51 -55.75	253.29 4.70 -200.43	274.43 4.63 -224.37	273.18 4.36 -223.69	47.88 3.38 0.00	56.72 4.15 0.00	66.10 4.32 -7.96	62.41 3.14 -15.91	43.23 3.09 0.00
PROJECT___ORANGE 1 24174	31.33 0.51 0.00	30.57 0.33 0.00	26.15 0.15 0.00	20.29 0.08 0.00	22.03 0.06 0.00	26.38 0.15 0.00	29.13 0.21 0.00	27.81 0.33 0.00	29.67 0.46 0.00	33.81 0.64 0.00	41.76 1.08 0.00	45.10 1.14 -1.29	46.42 1.16 -1.93	47.66 1.07 -0.37	60.21 1.30 0.00	53.13 1.39 0.00	49.35 1.19 0.00	46.52 1.08 0.00	46.19 1.06 0.00	45.55 1.06 0.00	56.31 1.21 -2.52	57.93 1.08 -3.03	46.05 0.79 -1.90	42.20 0.55 -1.50
PROJECT___ORANGE 2 24166	31.33 0.51 0.00	30.57 0.33 0.00	26.15 0.15 0.00	20.29 0.08 0.00	22.03 0.06 0.00	26.38 0.15 0.00	29.13 0.21 0.00	27.81 0.33 0.00	29.67 0.46 0.00	33.81 0.64 0.00	41.76 1.08 0.00	45.10 1.14 -1.29	46.42 1.16 -1.93	47.66 1.07 -0.37	60.21 1.30 0.00	53.13 1.39 0.00	49.35 1.19 0.00	46.52 1.08 0.00	46.19 1.06 0.00	45.55 1.06 0.00	56.31 1.21 -2.52	57.93 1.08 -3.03	46.05 0.79 -1.90	42.20 0.55 -1.50
PUCKETT___SOLAR 323809	32.32 1.50 0.00	31.50 1.26 0.00	26.93 0.93 0.00	20.90 0.70 0.00	22.72 0.74 0.00	27.35 1.11 0.00	30.18 1.26 0.00	28.95 1.47 0.00	31.46 1.61 -0.64	35.57 1.89 -0.51	43.31 2.63 0.00	46.36 2.83 -0.87	47.22 2.61 -1.28	49.21 2.74 -0.25	62.36 3.45 0.00	55.41 3.67 0.00	51.21 3.05 0.00	48.17 2.74 0.00	47.70 2.57 0.00	47.17 2.67 0.00	57.33 3.10 -1.66	58.72 3.09 -1.81	47.13 2.52 -1.25	43.24 2.12 -0.99
PYRITES___HYD 24023	30.08 -0.75 0.00	29.69 -0.55 0.00	25.63 -0.37 0.00	19.93 -0.28 0.00	21.79 -0.18 0.00	26.10 -0.14 0.00	28.94 0.02 0.00	27.13 -0.36 0.00	28.36 -0.86 0.00	32.14 -1.04 0.00	39.08 -1.60 0.00	41.31 -1.71 -0.34	42.08 -1.80 -0.55	44.90 -1.42 -0.10	56.41 -2.50 0.00	48.82 -2.92 0.00	45.47 -2.68 0.00	43.34 -2.09 0.00	43.95 -1.18 0.00	43.49 -1.00 0.00	52.30 -0.98 -0.71	50.73 -0.67 2.42	43.87 -0.03 -0.54	40.53 -0.03 -0.42
QUAKERRD_115KV_BK1 80622	31.64 0.82 0.00	30.71 0.47 0.00	26.00 0.00 0.00	20.11 -0.09 0.00	21.83 -0.15 0.00	26.37 0.14 0.00	29.22 0.30 0.00	27.99 0.50 0.00	30.07 0.86 0.00	34.47 1.30 0.00	42.51 1.84 0.00	44.67 2.01 0.00	45.36 2.03 0.00	48.11 1.89 0.00	60.89 1.97 0.00	53.81 2.07 0.00	49.93 1.77 0.00	46.98 1.55 0.00	46.71 1.58 0.00	46.15 1.65 0.00	54.28 1.71 0.00	55.10 1.27 0.00	44.67 1.30 0.00	41.08 0.94 0.00
QUENSBRY_115KV_TB8 356137	33.71 2.89 0.00	32.67 2.44 0.00	28.09 2.09 0.00	21.75 1.54 0.00	23.64 1.66 0.00	28.36 2.12 0.00	31.26 2.34 0.00	31.88 2.29 -2.12	32.90 2.50 -1.19	37.29 2.68 -1.44	44.09 3.41 0.00	46.39 3.72 0.00	47.33 3.99 0.00	50.44 4.21 0.00	64.43 5.51 0.00	56.72 4.98 0.00	52.67 4.51 0.00	50.46 3.95 -1.08	48.83 3.70 0.00	48.51 4.02 0.00	57.48 4.91 0.00	58.93 4.81 -0.30	47.05 3.69 0.00	43.31 3.18 0.00
RAMAPO___LBMP 323565	32.42 1.60 0.00	31.48 1.24 0.00	26.99 0.99 0.00	20.87 0.66 0.00	22.68 0.70 0.00	27.11 0.87 0.00	29.98 1.06 0.00	9.02 1.21 19.67	19.77 1.27 10.71	21.66 1.37 12.89	42.64 1.96 0.00	44.71 2.05 0.00	45.36 2.03 0.00	48.22 2.00 0.00	61.82 2.90 0.00	54.79 3.05 0.00	51.28 3.12 0.00	48.70 3.04 -0.22	47.88 2.75 0.00	46.88 2.39 0.00	55.23 2.66 0.00	56.33 2.50 0.00	45.11 1.75 0.00	41.92 1.78 0.00
RANKINE____ 23646	33.12 2.30 0.00	32.02 1.78 0.00	26.84 0.84 0.00	20.68 0.47 0.00	22.43 0.45 0.00	27.39 1.16 0.00	30.42 1.50 0.00	29.29 1.81 0.00	31.66 2.45 0.00	36.52 3.35 0.00	45.12 4.44 0.00	47.43 4.76 0.00	48.08 4.75 0.00	50.74 4.52 0.00	63.87 4.95 0.00	56.66 4.93 0.00	52.23 4.07 0.00	48.84 3.40 0.00	48.52 3.40 0.00	47.98 3.49 0.00	56.41 3.84 0.00	57.27 3.44 0.00	46.96 3.60 0.00	43.19 3.05 0.00
RAVENSWOOD_GT2_1 24244	32.82 2.00 0.00	31.80 1.56 0.00	27.26 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.14 0.00	30.32 1.40 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.12 1.91 -9.04	43.28 2.61 0.00	45.31 2.64 0.00	45.89 2.56 0.00	48.69 2.47 0.00	62.41 3.49 0.00	55.39 3.65 0.00	51.77 3.61 0.00	49.19 3.50 -0.25	48.32 3.19 0.00	47.28 2.78 0.00	55.64 3.07 0.00	56.80 2.95 -0.03	45.55 2.19 0.00	42.49 2.36 0.00
RAVENSWOOD_GT2_2 24245	32.82 2.00 0.00	31.80 1.56 0.00	27.26 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.14 0.00	30.32 1.40 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.12 1.91 -9.04	43.28 2.61 0.00	45.31 2.64 0.00	45.89 2.56 0.00	48.69 2.47 0.00	62.41 3.49 0.00	55.39 3.65 0.00	51.77 3.61 0.00	49.19 3.50 -0.25	48.32 3.19 0.00	47.28 2.78 0.00	55.64 3.07 0.00	56.80 2.95 -0.03	45.55 2.19 0.00	42.49 2.36 0.00

RAVENSWOOD_GT2_3 24246	32.84 2.02 0.00	31.83 1.59 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.90 0.93 0.00	27.39 1.16 0.00	30.33 1.41 0.00	42.91 1.65 -13.78	38.51 1.79 -7.51	44.15 1.94 -9.04	43.32 2.64 0.00	45.35 2.68 0.00	45.92 2.59 0.00	48.74 2.52 0.00	62.45 3.54 0.00	55.43 3.69 0.00	51.81 3.65 0.00	49.23 3.55 -0.25	48.36 3.23 0.00	47.32 2.82 0.00	55.68 3.12 0.00	56.84 2.98 -0.03	45.58 2.22 0.00	42.53 2.39 0.00
RAVENSWOOD_GT2_4 24247	32.84 2.02 0.00	31.83 1.59 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.90 0.93 0.00	27.39 1.16 0.00	30.33 1.41 0.00	42.91 1.65 -13.78	38.51 1.79 -7.51	44.15 1.94 -9.04	43.32 2.64 0.00	45.35 2.68 0.00	45.92 2.59 0.00	48.74 2.52 0.00	62.45 3.54 0.00	55.43 3.69 0.00	51.81 3.65 0.00	49.23 3.55 -0.25	48.36 3.23 0.00	47.32 2.82 0.00	55.68 3.12 0.00	56.84 2.98 -0.03	45.58 2.22 0.00	42.53 2.39 0.00
RAVENSWOOD_GT3_1 24248	32.82 2.00 0.00	31.80 1.56 0.00	27.26 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.14 0.00	30.32 1.40 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.13 1.92 -9.04	43.28 2.61 0.00	45.31 2.64 0.00	45.89 2.56 0.00	48.70 2.48 0.00	62.41 3.49 0.00	55.39 3.65 0.00	51.77 3.61 0.00	49.19 3.50 -0.25	48.32 3.19 0.00	47.28 2.78 0.00	55.64 3.07 0.00	56.80 2.95 -0.03	45.55 2.19 0.00	42.50 2.36 0.00
RAVENSWOOD_GT3_2 24249	32.82 2.00 0.00	31.80 1.56 0.00	27.26 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.14 0.00	30.32 1.40 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.13 1.92 -9.04	43.28 2.61 0.00	45.31 2.64 0.00	45.89 2.56 0.00	48.70 2.48 0.00	62.41 3.49 0.00	55.39 3.65 0.00	51.77 3.61 0.00	49.19 3.50 -0.25	48.32 3.19 0.00	47.28 2.78 0.00	55.64 3.07 0.00	56.80 2.95 -0.03	45.55 2.19 0.00	42.50 2.36 0.00
RAVENSWOOD_GT3_3 24250	32.88 2.06 0.00	31.86 1.62 0.00	27.31 1.31 0.00	21.11 0.90 0.00	22.93 0.95 0.00	27.43 1.19 0.00	30.38 1.46 0.00	42.96 1.69 -13.78	38.56 1.84 -7.51	44.21 2.00 -9.04	43.40 2.72 0.00	45.44 2.77 0.00	46.01 2.67 0.00	48.83 2.61 0.00	62.58 3.66 0.00	55.54 3.80 0.00	51.91 3.75 0.00	49.32 3.64 -0.25	48.45 3.33 0.00	47.40 2.90 0.00	55.79 3.22 0.00	56.93 3.08 -0.03	45.64 2.28 0.00	42.60 2.46 0.00
RAVENSWOOD_GT3_4 24251	32.88 2.06 0.00	31.86 1.62 0.00	27.31 1.31 0.00	21.11 0.90 0.00	22.93 0.95 0.00	27.43 1.19 0.00	30.38 1.46 0.00	42.96 1.69 -13.78	38.56 1.84 -7.51	44.21 2.00 -9.04	43.40 2.72 0.00	45.44 2.77 0.00	46.01 2.67 0.00	48.83 2.61 0.00	62.58 3.66 0.00	55.54 3.80 0.00	51.91 3.75 0.00	49.32 3.64 -0.25	48.45 3.33 0.00	47.40 2.90 0.00	55.79 3.22 0.00	56.93 3.08 -0.03	45.64 2.28 0.00	42.60 2.46 0.00
RAVENSWOOD_GT_1 23729	32.87 2.05 0.00	31.84 1.59 0.00	27.28 1.28 0.00	21.08 0.88 0.00	22.90 0.92 0.00	27.40 1.16 0.00	30.37 1.45 0.00	42.95 1.68 -13.78	38.57 1.84 -7.51	44.16 1.95 -9.04	43.32 2.64 0.00	45.36 2.69 0.00	45.89 2.56 0.00	48.58 2.36 0.00	58.48 3.31 3.74	55.23 3.49 0.01	51.61 3.45 0.00	49.09 3.41 -0.25	48.16 3.03 0.01	47.13 2.64 0.00	54.14 2.90 1.33	51.09 2.76 5.50	44.81 2.14 0.69	42.52 2.38 0.00
RAVENSWOOD_GT_10 24258	32.82 2.00 0.00	31.81 1.57 0.00	27.27 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.13 1.92 -9.04	43.29 2.61 0.00	45.32 2.65 0.00	45.90 2.57 0.00	48.71 2.49 0.00	62.00 3.52 0.43	55.40 3.66 0.00	51.79 3.63 0.00	49.21 3.52 -0.25	48.33 3.20 0.00	47.30 2.80 0.00	55.66 3.10 0.01	56.57 2.97 0.22	45.55 2.19 0.00	42.50 2.37 0.00
RAVENSWOOD_GT_11 24259	32.82 2.00 0.00	31.81 1.57 0.00	27.27 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.13 1.92 -9.04	43.29 2.61 0.00	45.32 2.65 0.00	45.90 2.57 0.00	48.71 2.49 0.00	62.00 3.52 0.43	55.40 3.66 0.00	51.79 3.63 0.00	49.21 3.52 -0.25	48.33 3.20 0.00	47.30 2.80 0.00	55.66 3.10 0.01	56.57 2.97 0.22	45.55 2.19 0.00	42.50 2.37 0.00
RAVENSWOOD_GT_4 24252	32.83 2.00 0.00	31.82 1.57 0.00	27.27 1.27 0.00	21.08 0.88 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.90 1.63 -13.78	38.49 1.77 -7.51	44.14 1.93 -9.04	43.31 2.63 0.00	45.33 2.66 0.00	45.92 2.58 0.00	48.76 2.54 0.00	59.66 3.60 2.85	55.46 3.73 0.00	51.85 3.69 0.00	49.26 3.57 -0.25	48.38 3.25 0.01	47.34 2.85 0.00	54.72 3.16 1.01	52.66 3.02 4.18	45.06 2.22 0.52	42.52 2.38 0.00
RAVENSWOOD_GT_5 24254	32.83 2.00 0.00	31.82 1.57 0.00	27.27 1.27 0.00	21.08 0.88 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.90 1.63 -13.78	38.49 1.77 -7.51	44.14 1.93 -9.04	43.31 2.63 0.00	45.33 2.66 0.00	45.92 2.58 0.00	48.76 2.54 0.00	59.66 3.60 2.85	55.46 3.73 0.00	51.85 3.69 0.00	49.26 3.57 -0.25	48.38 3.25 0.01	47.34 2.85 0.00	54.72 3.16 1.01	52.66 3.02 4.18	45.06 2.22 0.52	42.52 2.38 0.00
RAVENSWOOD_GT_6 24253	32.83 2.00 0.00	31.82 1.57 0.00	27.27 1.27 0.00	21.08 0.88 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.90 1.63 -13.78	38.49 1.77 -7.51	44.14 1.93 -9.04	43.31 2.63 0.00	45.33 2.66 0.00	45.92 2.58 0.00	48.76 2.54 0.00	59.66 3.60 2.85	55.46 3.73 0.00	51.85 3.69 0.00	49.26 3.57 -0.25	48.38 3.25 0.01	47.34 2.85 0.00	54.72 3.16 1.01	52.66 3.02 4.18	45.06 2.22 0.52	42.52 2.38 0.00
RAVENSWOOD_GT_7 24255	32.83 2.00 0.00	31.82 1.57 0.00	27.27 1.27 0.00	21.08 0.88 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.90 1.63 -13.78	38.49 1.77 -7.51	44.14 1.93 -9.04	43.31 2.63 0.00	45.33 2.66 0.00	45.92 2.58 0.00	48.76 2.54 0.00	59.66 3.60 2.85	55.46 3.73 0.00	51.85 3.69 0.00	49.26 3.57 -0.25	48.38 3.25 0.01	47.34 2.85 0.00	54.72 3.16 1.01	52.66 3.02 4.18	45.06 2.22 0.52	42.52 2.38 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.82 2.00 0.00	31.81 1.57 0.00	27.27 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.13 1.92 -9.04	43.29 2.61 0.00	45.32 2.65 0.00	45.90 2.57 0.00	48.71 2.49 0.00	62.00 3.52 0.43	55.40 3.66 0.00	51.79 3.63 0.00	49.21 3.52 -0.25	48.33 3.20 0.00	47.30 2.80 0.00	55.66 3.10 0.01	56.57 2.97 0.22	45.55 2.19 0.00	42.50 2.37 0.00
RAVENSWOOD_GT_9 24257	32.82 2.00 0.00	31.81 1.57 0.00	27.27 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.89 1.63 -13.78	38.49 1.77 -7.51	44.13 1.92 -9.04	43.29 2.61 0.00	45.32 2.65 0.00	45.90 2.57 0.00	48.71 2.49 0.00	62.00 3.52 0.43	55.40 3.66 0.00	51.79 3.63 0.00	49.21 3.52 -0.25	48.33 3.20 0.00	47.30 2.80 0.00	55.66 3.10 0.01	56.57 2.97 0.22	45.55 2.19 0.00	42.50 2.37 0.00

RAVENSWOOD___1 23533	32.84 2.02 0.00	31.81 1.57 0.00	27.26 1.26 0.00	21.07 0.86 0.00	22.88 0.91 0.00	27.38 1.14 0.00	30.34 1.42 0.00	42.92 1.66 -13.78	38.54 1.82 -7.51	44.13 1.92 -9.04	43.28 2.60 0.00	45.32 2.65 0.00	45.83 2.50 0.00	48.55 2.33 0.00	57.81 3.25 4.35	55.19 3.45 0.01	51.57 3.41 0.00	49.06 3.38 -0.25	48.14 3.01 0.01	47.10 2.61 0.00	52.35 2.87 3.09	45.95 2.73 10.61	43.48 2.11 1.99	42.49 2.35 0.00
RAVENSWOOD___2 23534	32.77 1.95 0.00	31.75 1.50 0.00	27.20 1.20 0.00	21.03 0.82 0.00	22.84 0.86 0.00	27.32 1.08 0.00	30.27 1.35 0.00	42.85 1.58 -13.78	38.46 1.74 -7.51	44.05 1.83 -9.04	43.17 2.49 0.00	45.19 2.52 0.00	45.63 2.30 0.00	48.17 1.95 0.00	57.24 2.69 4.37	54.70 2.96 0.01	51.12 2.97 0.00	48.65 2.97 -0.25	47.71 2.59 0.01	46.72 2.23 0.00	51.95 2.52 3.14	45.47 2.39 10.75	43.27 1.93 2.02	42.37 2.23 0.00
RAVENSWOOD___3 23535	32.82 2.00 0.00	31.80 1.56 0.00	27.27 1.26 0.00	21.08 0.87 0.00	22.90 0.92 0.00	27.38 1.15 0.00	30.33 1.41 0.00	42.89 1.63 -13.78	38.50 1.77 -7.51	44.13 1.92 -9.04	43.29 2.61 0.00	45.31 2.64 0.00	45.87 2.54 0.00	48.70 2.48 0.00	62.41 3.50 0.00	55.40 3.66 0.00	51.77 3.62 0.00	49.20 3.51 -0.25	48.33 3.20 0.00	47.28 2.78 0.00	55.66 3.09 0.00	56.80 2.95 -0.03	45.55 2.19 0.00	42.50 2.36 0.00
RAVENSWOOD___4 23820	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.06 0.85 0.00	22.87 0.89 0.00	27.36 1.13 0.00	30.32 1.40 0.00	42.90 1.63 -13.78	38.51 1.79 -7.51	44.11 1.90 -9.04	43.25 2.57 0.00	45.29 2.62 0.00	45.79 2.46 0.00	48.50 2.28 0.00	57.14 3.20 4.98	55.14 3.41 0.01	51.54 3.38 0.00	49.03 3.35 -0.25	48.10 2.97 0.01	47.07 2.57 0.00	50.52 2.83 4.88	40.73 2.70 15.79	42.14 2.09 3.31	42.47 2.33 0.00
RCPL_TRUST___DRP 24196	32.83 2.01 0.00	31.81 1.57 0.00	27.26 1.26 0.00	21.08 0.88 0.00	22.90 0.93 0.00	27.39 1.16 0.00	30.34 1.42 0.00	42.96 1.68 -13.79	38.54 1.81 -7.52	44.19 1.98 -9.04	43.38 2.70 0.00	45.44 2.77 0.00	46.05 2.72 0.00	48.89 2.67 0.00	62.65 3.73 0.00	55.58 3.84 0.00	51.93 3.77 0.00	49.33 3.65 -0.25	48.47 3.34 0.00	47.42 2.92 0.00	55.79 3.23 0.00	56.94 3.09 -0.03	45.64 2.27 0.00	42.55 2.41 0.00
RED___ROCHESTER 323720	32.84 2.02 0.00	31.83 1.58 0.00	26.86 0.86 0.00	20.75 0.54 0.00	22.51 0.53 0.00	27.26 1.02 0.00	30.21 1.29 0.00	28.96 1.48 0.00	30.34 1.99 0.86	35.12 2.64 0.69	44.17 3.49 0.00	46.48 3.80 0.00	47.22 3.88 0.00	50.03 3.81 0.00	63.31 4.40 0.00	56.02 4.28 0.00	51.94 3.79 0.00	48.76 3.33 0.00	48.56 3.44 0.00	48.00 3.50 0.00	56.38 3.81 0.00	57.17 3.34 0.00	46.45 3.08 0.00	42.65 2.52 0.00
REGAN___SOLAR 323812	34.69 3.87 0.00	33.96 3.72 0.00	29.02 3.02 0.00	22.45 2.24 0.00	24.41 2.43 0.00	29.29 3.05 0.00	32.16 3.24 0.00	30.36 2.88 0.00	32.80 2.61 -0.97	38.02 3.48 -1.37	42.57 1.89 0.00	44.59 1.92 0.00	45.95 2.62 0.00	48.25 2.03 0.00	61.91 3.00 0.00	56.91 5.17 0.00	55.75 7.59 0.00	51.98 6.03 -0.52	50.93 5.80 0.00	51.68 7.19 0.00	61.27 8.70 0.00	62.27 8.29 -0.15	49.48 6.12 0.00	45.44 5.30 0.00
RENSSELAER___COGEN 23796	32.07 1.25 0.00	31.34 1.10 0.00	27.01 1.01 0.00	20.95 0.74 0.00	22.73 0.75 0.00	27.12 0.89 0.00	29.75 0.83 0.00	30.51 0.74 -2.28	31.22 0.75 -1.26	35.45 0.75 -1.52	41.44 0.76 0.00	43.26 0.59 0.00	43.77 0.43 0.00	46.55 0.32 0.00	59.62 0.70 0.00	52.63 0.89 0.00	49.18 1.02 0.00	41.58 0.98 4.83	45.94 0.81 0.00	45.20 0.71 0.00	53.45 0.89 0.00	53.66 0.89 1.06	44.01 0.65 0.00	40.95 0.81 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.90 5.08 0.00	34.42 4.17 0.00	29.68 3.68 0.00	23.01 2.80 0.00	25.04 3.07 0.00	30.21 3.97 0.00	33.21 4.29 0.00	33.75 4.14 -2.12	34.77 4.36 -1.19	39.25 4.62 -1.44	46.21 5.53 0.00	48.72 6.05 0.00	49.79 6.46 0.00	52.77 6.55 0.00	67.85 8.93 0.00	60.07 8.33 0.00	55.83 7.67 0.00	53.01 6.48 -1.10	51.23 6.10 0.00	50.80 6.31 0.00	59.88 7.32 0.00	61.14 7.01 -0.31	49.77 6.40 0.00	45.75 5.61 0.00
REVERE_CPPR_DRP 24186	32.79 1.97 0.00	31.96 1.72 0.00	27.36 1.36 0.00	21.13 0.92 0.00	23.12 1.15 0.00	27.67 1.44 0.00	30.58 1.66 0.00	28.93 1.45 0.00	30.93 1.72 0.00	35.20 2.02 0.00	43.36 2.68 0.00	46.08 2.75 -0.66	47.06 2.83 -0.97	49.24 2.83 -0.19	62.28 3.37 0.00	54.74 3.00 0.00	50.94 2.78 0.00	48.13 2.70 0.00	47.93 2.80 0.00	47.57 3.08 0.00	57.65 3.80 -1.27	59.90 3.84 -2.24	47.50 3.18 -0.96	43.51 2.62 -0.76
REYNOLDS_115KV_TB3 80639	32.34 1.52 0.00	31.59 1.35 0.00	27.19 1.19 0.00	21.08 0.88 0.00	22.88 0.91 0.00	27.31 1.07 0.00	29.96 1.04 0.00	30.84 1.00 -2.36	31.56 1.04 -1.31	35.85 1.10 -1.58	41.91 1.24 0.00	43.80 1.13 0.00	44.35 1.02 0.00	47.17 0.94 0.00	60.40 1.48 0.00	53.27 1.53 0.00	49.83 1.67 0.00	50.17 1.58 -3.16	46.52 1.40 0.00	45.78 1.29 0.00	54.16 1.59 0.00	56.22 1.58 -0.81	44.51 1.15 0.00	41.35 1.21 0.00
RIVERBAY____ 323610	33.05 2.23 0.00	32.05 1.81 0.00	27.49 1.49 0.00	21.24 1.04 0.00	23.09 1.11 0.00	27.63 1.39 0.00	30.61 1.69 0.00	43.09 1.83 -13.78	38.69 1.96 -7.51	44.34 2.13 -9.04	43.66 2.98 0.00	45.74 3.07 0.00	46.35 3.01 0.00	49.11 2.89 0.00	63.01 4.10 0.00	55.84 4.11 0.01	52.11 3.95 0.00	49.58 3.89 -0.25	48.56 3.44 0.01	47.54 3.05 0.00	56.14 3.58 0.01	57.29 3.43 -0.04	46.01 2.65 0.00	42.73 2.59 0.00
RIVERSDE_115KV_TB3 55908	32.27 1.45 0.00	31.52 1.28 0.00	27.15 1.15 0.00	21.05 0.85 0.00	22.85 0.87 0.00	27.26 1.02 0.00	29.91 0.99 0.00	30.73 0.94 -2.31	31.45 0.96 -1.28	35.74 1.02 -1.55	41.83 1.15 0.00	43.72 1.05 0.00	44.28 0.95 0.00	47.11 0.89 0.00	60.32 1.41 0.00	53.22 1.49 0.00	49.76 1.60 0.00	48.22 1.49 -1.30	46.42 1.30 0.00	45.68 1.18 0.00	54.03 1.46 0.00	55.65 1.45 -0.37	44.42 1.06 0.00	41.25 1.11 0.00
ROARING___BROOK_WT_PWR 323790	30.25 -0.57 0.00	29.59 -0.65 0.00	25.44 -0.56 0.00	19.70 -0.51 0.00	21.67 -0.30 0.00	25.78 -0.46 0.00	28.50 -0.42 0.00	26.91 -0.57 0.00	28.81 -0.40 0.00	32.84 -0.34 0.00	40.26 -0.42 0.00	42.19 -0.48 0.00	42.76 -0.57 0.00	45.63 -0.59 0.00	58.03 -0.89 0.00	50.82 -0.92 0.00	47.22 -0.94 0.00	44.44 -1.00 0.00	44.25 -0.88 0.00	43.79 -0.70 0.00	51.86 -0.71 0.00	53.04 -0.53 0.26	43.06 -0.30 0.00	39.87 -0.27 0.00
ROCHESRG_115KV_T4 355643	32.31 1.48 0.00	31.33 1.09 0.00	26.47 0.47 0.00	20.46 0.26 0.00	22.21 0.23 0.00	26.88 0.64 0.00	29.80 0.87 0.00	28.54 1.06 0.00	30.72 1.51 0.00	35.26 2.09 0.00	43.44 2.76 0.00	45.64 2.96 0.00	46.34 3.01 0.00	49.07 2.85 0.00	62.03 3.11 0.00	54.88 3.14 0.00	50.84 2.68 0.00	47.78 2.35 0.00	47.51 2.38 0.00	46.96 2.46 0.00	55.24 2.67 0.00	56.07 2.24 0.00	45.61 2.24 0.00	41.97 1.83 0.00

ROCHESTER_9_IC 23652	32.59 1.76 0.00	31.60 1.35 0.00	26.68 0.68 0.00	20.62 0.41 0.00	22.37 0.40 0.00	27.09 0.85 0.00	30.03 1.11 0.00	28.77 1.29 0.00	30.99 1.78 0.00	35.57 2.39 0.00	43.83 3.15 0.00	46.06 3.39 0.00	46.80 3.46 0.00	49.60 3.37 0.00	62.69 3.78 0.00	55.47 3.73 0.00	51.41 3.26 0.00	48.33 2.90 0.00	48.07 2.94 0.00	47.51 3.01 0.00	55.84 3.27 0.00	56.66 2.83 0.00	46.05 2.68 0.00	42.34 2.20 0.00
ROCKVIEW_13_KV_LD 356306	32.89 2.08 0.00	31.90 1.66 0.00	27.34 1.34 0.00	21.13 0.92 0.00	22.96 0.98 0.00	27.45 1.21 0.00	30.38 1.46 0.00	42.92 1.66 -13.77	38.51 1.79 -7.51	44.17 1.97 -9.03	43.38 2.70 0.00	45.48 2.81 0.00	46.12 2.79 0.00	49.02 2.80 0.00	62.87 3.95 0.00	55.76 4.02 0.00	52.15 3.99 0.00	49.55 3.87 -0.25	48.68 3.55 0.00	47.63 3.13 0.00	56.05 3.48 0.00	57.20 3.35 -0.03	45.82 2.46 0.00	42.63 2.49 0.00
ROME____115KV_TB2 80656	32.79 1.97 0.00	31.96 1.72 0.00	27.36 1.36 0.00	21.13 0.92 0.00	23.12 1.15 0.00	27.67 1.44 0.00	30.58 1.66 0.00	28.93 1.45 0.00	30.93 1.72 0.00	35.20 2.02 0.00	43.36 2.68 0.00	46.08 2.75 -0.66	47.06 2.75 -0.97	49.24 2.83 -0.19	62.28 3.37 0.00	54.74 3.00 0.00	50.94 2.78 0.00	48.13 2.70 0.00	47.93 2.80 0.00	47.57 3.08 0.00	57.65 3.80 -1.27	59.90 3.84 -2.24	47.50 3.18 -0.96	43.51 2.62 -0.76
ROSETON____1 23587	32.39 1.57 0.00	31.49 1.25 0.00	27.03 1.03 0.00	20.91 0.70 0.00	22.72 0.74 0.00	27.14 0.91 0.00	29.98 1.06 0.00	28.69 1.21 0.00	30.49 1.27 0.00	34.56 1.39 0.00	42.57 1.90 0.00	44.61 1.94 0.00	45.24 1.91 0.00	48.14 1.92 0.00	61.67 2.76 0.00	54.63 2.89 0.00	51.08 2.92 0.00	48.45 2.79 -0.22	47.65 2.52 0.00	46.71 2.22 0.00	55.09 2.52 0.00	56.26 2.43 0.00	45.12 1.76 0.00	41.91 1.77 0.00
ROSETON____2 23588	32.39 1.57 0.00	31.49 1.25 0.00	27.03 1.03 0.00	20.91 0.70 0.00	22.72 0.74 0.00	27.14 0.91 0.00	29.98 1.06 0.00	28.69 1.21 0.00	30.49 1.27 0.00	34.56 1.39 0.00	42.57 1.90 0.00	44.61 1.94 0.00	45.24 1.91 0.00	48.14 1.92 0.00	61.67 2.76 0.00	54.63 2.89 0.00	51.08 2.92 0.00	48.45 2.79 -0.22	47.65 2.52 0.00	46.71 2.22 0.00	55.09 2.52 0.00	56.26 2.43 0.00	45.12 1.76 0.00	41.91 1.77 0.00
ROTTDAM_115KV_TB3 80664	32.34 1.51 0.00	31.58 1.34 0.00	27.15 1.15 0.00	21.04 0.84 0.00	22.87 0.89 0.00	27.31 1.08 0.00	30.07 1.14 0.00	30.61 1.13 -2.00	31.57 1.22 -1.13	35.87 1.33 -1.37	42.30 1.62 0.00	44.35 1.68 0.00	45.03 1.70 0.00	47.99 1.76 0.00	61.36 2.45 0.00	54.11 2.37 0.00	50.50 2.34 0.00	48.25 2.20 -0.62	47.14 2.02 0.00	46.52 2.03 0.00	55.03 2.46 0.00	56.45 2.44 -0.18	45.17 1.81 0.00	41.80 1.66 0.00
RUSSELL____1 23602	32.84 2.02 0.00	31.83 1.59 0.00	26.86 0.86 0.00	20.75 0.54 0.00	22.51 0.53 0.00	27.26 1.02 0.00	30.22 1.30 0.00	28.96 1.47 0.00	31.21 2.00 0.00	35.83 2.66 0.00	44.15 3.47 0.00	46.43 3.76 0.00	47.19 3.86 0.00	50.04 3.81 0.00	63.29 4.38 0.00	56.02 4.28 0.00	51.93 3.78 0.00	48.83 3.40 0.00	48.57 3.44 0.00	47.99 3.50 0.00	56.36 3.80 0.00	57.17 3.34 0.00	46.44 3.08 0.00	42.65 2.51 0.00
RUSSELL____2 23532	32.84 2.02 0.00	31.83 1.59 0.00	26.86 0.86 0.00	20.75 0.54 0.00	22.51 0.53 0.00	27.26 1.02 0.00	30.22 1.30 0.00	28.96 1.47 0.00	31.21 2.00 0.00	35.83 2.66 0.00	44.15 3.47 0.00	46.43 3.76 0.00	47.19 3.86 0.00	50.04 3.81 0.00	63.29 4.38 0.00	56.02 4.28 0.00	51.93 3.78 0.00	48.83 3.40 0.00	48.57 3.44 0.00	47.99 3.50 0.00	56.36 3.80 0.00	57.17 3.34 0.00	46.44 3.08 0.00	42.65 2.51 0.00
RUSSELL____3 23549	32.84 2.02 0.00	31.83 1.59 0.00	26.86 0.86 0.00	20.75 0.54 0.00	22.51 0.53 0.00	27.26 1.02 0.00	30.22 1.30 0.00	28.96 1.47 0.00	31.21 2.00 0.00	35.83 2.66 0.00	44.15 3.47 0.00	46.43 3.76 0.00	47.19 3.86 0.00	50.04 3.81 0.00	63.29 4.38 0.00	56.02 4.28 0.00	51.93 3.78 0.00	48.83 3.40 0.00	48.57 3.44 0.00	47.99 3.50 0.00	56.36 3.80 0.00	57.17 3.34 0.00	46.44 3.08 0.00	42.65 2.51 0.00
RUSSELL____4 23556	32.84 2.02 0.00	31.83 1.59 0.00	26.86 0.86 0.00	20.75 0.54 0.00	22.51 0.53 0.00	27.26 1.02 0.00	30.22 1.30 0.00	28.96 1.47 0.00	31.21 2.00 0.00	35.83 2.66 0.00	44.15 3.47 0.00	46.43 3.76 0.00	47.19 3.86 0.00	50.04 3.81 0.00	63.29 4.38 0.00	56.02 4.28 0.00	51.93 3.78 0.00	48.83 3.40 0.00	48.57 3.44 0.00	47.99 3.50 0.00	56.36 3.80 0.00	57.17 3.34 0.00	46.44 3.08 0.00	42.65 2.51 0.00
RUSSELL____STATION 23914	32.84 2.02 0.00	31.83 1.59 0.00	26.86 0.86 0.00	20.75 0.54 0.00	22.51 0.53 0.00	27.26 1.02 0.00	30.22 1.30 0.00	28.96 1.47 0.00	31.21 2.00 0.00	35.83 2.66 0.00	44.15 3.47 0.00	46.43 3.76 0.00	47.19 3.86 0.00	50.04 3.81 0.00	63.29 4.38 0.00	56.02 4.28 0.00	51.93 3.78 0.00	48.83 3.40 0.00	48.57 3.44 0.00	47.99 3.50 0.00	56.36 3.80 0.00	57.17 3.34 0.00	46.44 3.08 0.00	42.65 2.51 0.00
S SALMON____HYD 24043	31.32 0.50 0.00	30.53 0.29 0.00	26.13 0.12 0.00	20.14 -0.06 0.00	22.04 0.06 0.00	26.36 0.12 0.00	29.11 0.19 0.00	27.53 0.05 0.00	29.50 0.29 0.00	33.70 0.53 0.00	41.65 0.97 0.00	46.86 1.13 -3.06	48.95 1.06 -4.56	47.73 0.62 -0.88	59.29 0.38 0.00	52.19 0.45 0.00	48.43 0.27 0.00	45.74 0.31 0.00	45.72 0.59 0.00	45.32 0.83 0.00	59.88 1.35 -5.97	62.93 1.53 -7.57	49.17 1.31 -4.49	44.61 0.91 -3.55
S.PERRY__115KV_TB1 80734	32.89 2.07 0.00	31.85 1.61 0.00	26.79 0.79 0.00	20.64 0.43 0.00	22.37 0.39 0.00	27.22 0.99 0.00	30.24 1.32 0.00	29.14 1.66 0.00	31.42 2.21 0.00	35.21 2.04 0.00	42.60 1.92 0.00	44.64 1.97 0.00	45.31 1.98 0.00	48.05 1.83 0.00	60.37 1.45 0.00	53.90 2.16 0.00	49.94 1.78 0.00	47.07 1.64 0.00	47.29 2.17 0.00	46.61 2.12 0.00	55.23 2.66 0.00	55.99 2.17 0.00	47.11 3.74 0.00	43.17 3.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.78 1.97 0.00	31.72 1.48 0.00	26.59 0.59 0.00	20.49 0.29 0.00	22.23 0.25 0.00	27.14 0.90 0.00	30.12 1.20 0.00	28.96 1.48 0.00	31.30 2.09 0.00	36.12 2.94 0.00	44.56 3.88 0.00	46.83 4.16 0.00	47.49 4.15 0.00	50.05 3.83 0.00	62.90 3.98 0.00	55.81 4.07 0.00	51.45 3.30 0.00	48.11 2.67 0.00	47.82 2.69 0.00	47.30 2.80 0.00	55.66 3.09 0.00	56.47 2.65 0.00	46.37 3.00 0.00	42.70 2.56 0.00
SAWYER____23_KV_LOAD 55526	32.78 1.97 0.00	31.72 1.48 0.00	26.59 0.59 0.00	20.49 0.29 0.00	22.23 0.25 0.00	27.14 0.90 0.00	30.12 1.20 0.00	28.96 1.48 0.00	31.30 2.09 0.00	36.12 2.94 0.00	44.56 3.88 0.00	46.83 4.16 0.00	47.49 4.15 0.00	50.05 3.83 0.00	62.90 3.98 0.00	55.81 4.07 0.00	51.45 3.30 0.00	48.11 2.67 0.00	47.82 2.69 0.00	47.30 2.80 0.00	55.66 3.09 0.00	56.47 2.65 0.00	46.37 3.00 0.00	42.70 2.56 0.00

SELKIRK___I 23801	32.26 1.43 0.00	31.58 1.34 0.00	27.22 1.22 0.00	21.10 0.90 0.00	22.91 0.94 0.00	27.34 1.11 0.00	29.99 1.07 0.00	30.45 0.94 -2.03	31.26 0.93 -1.12	35.48 0.95 -1.35	41.35 0.67 0.00	42.64 -0.03 0.00	42.83 -0.51 0.00	45.57 -0.65 0.00	58.58 -0.33 0.00	51.78 0.04 0.00	48.18 0.03 0.00	43.10 0.05 2.39	45.23 0.10 0.00	44.55 0.05 0.00	52.76 0.19 0.00	53.55 0.25 0.52	43.77 0.41 0.00	41.25 1.11 0.00
SELKIRK___II 23799	32.02 1.20 0.00	31.31 1.07 0.00	26.98 0.98 0.00	20.92 0.71 0.00	22.71 0.73 0.00	27.10 0.86 0.00	29.75 0.83 0.00	30.44 0.77 -2.19	31.21 0.79 -1.21	35.41 0.78 -1.46	41.34 0.67 0.00	43.02 0.35 0.01	43.49 0.16 0.00	46.26 0.04 0.00	59.27 0.36 0.00	52.31 0.58 0.00	48.80 0.65 0.00	43.27 0.63 2.79	45.65 0.52 0.00	44.92 0.42 0.00	53.13 0.56 0.00	53.77 0.55 0.60	43.80 0.44 0.00	40.89 0.76 0.00
SENECA OSWGO___HYD 24041	30.92 0.09 0.00	30.19 -0.05 0.00	25.85 -0.15 0.00	20.05 -0.15 0.00	21.79 -0.19 0.00	26.08 -0.16 0.00	28.77 -0.15 0.00	27.44 -0.04 0.00	29.24 0.03 0.00	33.29 0.11 0.00	40.92 0.24 0.00	47.43 0.47 -4.29	50.27 0.53 -6.41	47.78 0.32 -1.24	59.19 0.28 0.00	52.21 0.47 0.00	48.52 0.36 0.00	45.76 0.32 0.00	45.49 0.36 0.00	44.91 0.41 0.00	61.51 0.56 -8.38	63.42 0.11 -9.49	49.94 0.26 -6.31	45.23 0.09 -5.00
SENECA___115KV_TB3 355854	33.20 2.37 0.00	32.09 1.85 0.00	26.90 0.89 0.00	20.73 0.52 0.00	22.47 0.50 0.00	27.45 1.22 0.00	30.48 1.56 0.00	29.35 1.87 0.00	31.74 2.52 0.00	36.60 3.43 0.00	45.23 4.55 0.00	47.55 4.88 0.00	48.21 4.87 0.00	50.87 4.65 0.00	64.04 5.13 0.00	56.82 5.08 0.00	52.36 4.20 0.00	48.96 3.53 0.00	48.65 3.51 0.00	48.09 3.59 0.00	56.55 3.98 0.00	57.41 3.58 0.00	47.07 3.70 0.00	43.29 3.15 0.00
SENECA___ENERGY 23797	32.09 1.27 0.00	31.14 0.89 0.00	26.46 0.46 0.00	20.48 0.27 0.00	22.23 0.25 0.00	26.77 0.54 0.00	29.65 0.73 0.00	28.45 0.97 0.00	30.45 1.24 0.00	34.71 1.53 0.00	42.99 2.31 0.00	46.71 2.34 -1.71	48.07 2.18 -2.55	49.00 2.28 -0.49	61.90 2.99 0.00	54.57 2.83 0.00	50.59 2.43 0.00	47.64 2.21 0.00	47.48 2.35 0.00	46.96 2.47 0.00	58.70 2.80 -3.34	60.17 2.52 -3.83	47.88 2.00 -2.51	43.69 1.57 -1.99
SHOEMAKER___GT 23640	32.35 1.52 0.00	31.47 1.23 0.00	27.00 1.00 0.00	20.89 0.69 0.00	22.71 0.73 0.00	27.13 0.89 0.00	29.97 1.04 0.00	16.48 1.17 12.17	23.81 1.23 6.63	26.53 1.33 7.97	42.50 1.82 0.00	44.55 1.88 0.00	45.18 1.85 0.00	48.09 1.86 0.00	61.58 2.67 0.00	54.48 2.74 0.00	50.90 2.74 0.00	48.31 2.69 -0.19	47.65 2.52 0.00	46.83 2.33 0.00	55.25 2.68 0.00	56.41 2.59 0.00	45.21 1.85 0.00	41.91 1.78 0.00
SHOEMAKR_138KV_BK 111 55601	32.30 1.48 0.00	31.43 1.20 0.00	26.98 0.97 0.00	20.87 0.66 0.00	22.69 0.71 0.00	27.10 0.87 0.00	29.93 1.01 0.00	17.05 1.14 11.57	24.11 1.20 6.30	26.90 1.30 7.58	42.49 1.81 0.00	44.54 1.87 0.00	45.18 1.84 0.00	48.08 1.86 0.00	61.58 2.66 0.00	54.49 2.75 0.00	50.91 2.75 0.00	48.30 2.68 -0.19	47.64 2.50 0.00	46.78 2.28 0.00	55.19 2.61 0.00	56.33 2.50 0.00	45.15 1.79 0.00	41.86 1.73 0.00
SHOREHAM_IC_1 23715	33.31 2.49 0.00	32.25 2.01 0.00	27.56 1.56 0.00	21.22 1.01 0.00	23.08 1.11 0.00	27.51 1.27 0.00	30.40 1.48 0.00	43.10 1.71 -13.91	38.51 1.71 -7.58	45.02 2.00 -9.84	60.54 3.53 -16.32	65.54 3.75 -19.12	66.61 3.61 -19.66	74.14 3.60 -24.33	97.87 5.09 -33.87	112.00 4.51 -55.75	253.29 4.70 -200.43	274.43 4.63 -224.37	273.18 4.36 -223.69	47.88 3.38 0.00	56.72 4.15 0.00	66.10 4.32 -7.96	62.41 3.14 -15.91	43.23 3.09 0.00
SHOREHAM_IC_2 23716	33.31 2.49 0.00	32.25 2.01 0.00	27.56 1.56 0.00	21.22 1.01 0.00	23.08 1.11 0.00	27.51 1.27 0.00	30.40 1.48 0.00	43.10 1.71 -13.91	38.51 1.71 -7.58	45.02 2.00 -9.84	60.54 3.53 -16.32	65.54 3.75 -19.12	66.61 3.61 -19.66	74.14 3.60 -24.33	97.87 5.09 -33.87	112.00 4.51 -55.75	253.29 4.70 -200.43	274.43 4.63 -224.37	273.18 4.36 -223.69	47.88 3.38 0.00	56.72 4.15 0.00	66.10 4.32 -7.96	62.41 3.14 -15.91	43.23 3.09 0.00
SISSONVILLE____ 23735	29.49 -1.33 0.00	29.10 -1.15 0.00	25.12 -0.88 0.00	19.51 -0.70 0.00	21.37 -0.61 0.00	25.54 -0.69 0.00	28.28 -0.64 0.00	26.53 -0.95 0.00	27.86 -1.36 0.00	31.60 -1.57 0.00	38.47 -2.21 0.00	40.48 -2.56 -0.38	41.34 -2.59 -0.59	43.77 -2.57 -0.11	55.21 -3.71 0.00	47.90 -3.84 0.00	44.59 -3.56 0.00	42.18 -3.25 0.00	42.46 -2.67 0.00	42.09 -2.40 0.00	51.01 -2.33 -0.78	49.19 -2.02 2.61	42.98 -0.97 -0.58	39.80 -0.80 -0.46
SITHE_IND_GS1 24169	30.36 -0.46 0.00	29.67 -0.57 0.00	25.42 -0.58 0.00	19.76 -0.45 0.00	21.47 -0.50 0.00	25.68 -0.56 0.00	28.31 -0.61 0.00	26.98 -0.50 0.00	28.75 -0.46 0.00	32.73 -0.45 0.00	40.29 -0.39 0.00	29.86 -0.38 12.43	24.36 -0.39 18.58	42.06 -0.57 3.59	58.10 -0.81 0.00	51.19 -0.55 0.00	47.60 -0.56 0.00	44.87 -0.56 0.00	44.57 -0.56 0.00	43.97 -0.52 0.00	27.68 -0.57 24.31	26.55 -0.73 26.55	24.50 -0.55 18.31	25.02 -0.62 14.49
SITHE_IND_GS2 24170	30.36 -0.46 0.00	29.67 -0.57 0.00	25.42 -0.58 0.00	19.76 -0.45 0.00	21.47 -0.50 0.00	25.68 -0.56 0.00	28.31 -0.61 0.00	26.98 -0.50 0.00	28.75 -0.46 0.00	32.73 -0.45 0.00	40.29 -0.39 0.00	29.86 -0.38 12.43	24.36 -0.39 18.58	42.06 -0.57 3.59	58.10 -0.81 0.00	51.19 -0.55 0.00	47.60 -0.56 0.00	44.87 -0.56 0.00	44.57 -0.56 0.00	43.97 -0.52 0.00	27.68 -0.57 24.31	26.55 -0.73 26.55	24.50 -0.55 18.31	25.02 -0.62 14.49
SITHE_IND_GS3 24171	30.36 -0.46 0.00	29.67 -0.57 0.00	25.42 -0.58 0.00	19.76 -0.45 0.00	21.47 -0.50 0.00	25.68 -0.56 0.00	28.31 -0.61 0.00	26.98 -0.50 0.00	28.75 -0.46 0.00	32.73 -0.45 0.00	40.29 -0.39 0.00	29.86 -0.38 12.43	24.36 -0.39 18.58	42.06 -0.57 3.59	58.10 -0.81 0.00	51.19 -0.55 0.00	47.60 -0.56 0.00	44.87 -0.56 0.00	44.57 -0.56 0.00	43.97 -0.52 0.00	27.68 -0.57 24.31	26.55 -0.73 26.55	24.50 -0.55 18.31	25.02 -0.62 14.49
SITHE_IND_GS4 24172	30.36 -0.46 0.00	29.67 -0.57 0.00	25.42 -0.58 0.00	19.76 -0.45 0.00	21.47 -0.50 0.00	25.68 -0.56 0.00	28.31 -0.61 0.00	26.98 -0.50 0.00	28.75 -0.46 0.00	32.73 -0.45 0.00	40.29 -0.39 0.00	29.86 -0.38 12.43	24.36 -0.39 18.58	42.06 -0.57 3.59	58.10 -0.81 0.00	51.19 -0.55 0.00	47.60 -0.56 0.00	44.87 -0.56 0.00	44.57 -0.56 0.00	43.97 -0.52 0.00	27.68 -0.57 24.31	26.55 -0.73 26.55	24.50 -0.55 18.31	25.02 -0.62 14.49
SITHE___BATAVIA 24024	33.72 2.90 0.00	32.57 2.33 0.00	27.33 1.32 0.00	21.06 0.85 0.00	22.85 0.87 0.00	27.85 1.62 0.00	30.93 2.01 0.00	29.75 2.27 0.00	30.80 2.89 1.30	35.83 3.70 1.04	44.94 4.26 0.00	46.75 4.08 0.00	47.42 4.08 0.00	50.12 3.90 0.00	63.10 4.18 0.00	56.17 4.43 0.00	51.87 3.72 0.00	48.56 3.13 0.00	48.59 3.46 0.00	48.26 3.77 0.00	56.72 4.15 0.00	57.73 3.91 0.00	47.84 4.47 0.00	43.93 3.79 0.00

SITHE___INDEPEND 23800	30.36 -0.46 0.00	29.67 -0.57 0.00	25.42 -0.58 0.00	19.76 -0.44 0.00	21.47 -0.51 0.00	25.68 -0.56 0.00	28.31 -0.61 0.00	26.98 -0.50 0.00	28.76 -0.46 0.00	32.73 -0.45 0.00	40.29 -0.39 0.00	29.86 -0.38 12.43	24.36 -0.40 18.58	42.06 -0.57 3.59	58.10 -0.81 0.00	51.19 -0.55 0.00	47.59 -0.56 0.00	44.88 -0.55 0.00	44.56 -0.56 0.00	43.97 -0.52 0.00	27.68 -0.57 24.31	26.54 -0.73 26.55	24.50 -0.55 18.31	25.02 -0.62 14.49
SITHE___MASSENA 23902	29.48 -1.35 0.00	29.14 -1.10 0.00	25.17 -0.84 0.00	19.62 -0.59 0.00	21.39 -0.59 0.00	25.54 -0.69 0.00	28.25 -0.67 0.00	26.71 -0.78 0.00	28.24 -0.98 0.00	32.00 -1.17 0.00	38.95 -1.73 0.00	40.77 -1.90 0.01	41.47 -1.86 0.00	44.50 -1.72 0.00	56.48 -2.43 0.00	49.09 -2.65 0.00	45.69 -2.47 0.00	43.17 -2.26 0.00	43.21 -1.92 0.00	42.67 -1.82 0.00	50.40 -2.17 0.00	50.53 -1.84 1.46	42.17 -1.19 0.00	39.09 -1.05 0.00
SITHE___OGDNSBRG 24021	29.99 -0.83 0.00	29.62 -0.62 0.00	25.59 -0.42 0.00	19.92 -0.29 0.00	21.75 -0.22 0.00	26.03 -0.21 0.00	28.84 -0.08 0.00	27.06 -0.42 0.00	28.30 -0.91 0.00	32.09 -1.09 0.00	39.01 -1.67 0.00	40.92 -1.74 0.01	41.53 -1.81 0.00	44.81 -1.42 0.00	56.47 -2.45 0.00	48.89 -2.85 0.00	45.52 -2.64 0.00	43.46 -1.97 0.00	44.01 -1.12 0.00	43.51 -0.99 0.00	51.41 -1.15 0.00	50.31 -0.83 2.68	43.10 -0.26 0.00	39.90 -0.23 0.00
SITHE___STERLING 23777	32.49 1.67 0.00	31.68 1.44 0.00	27.12 1.12 0.00	21.00 0.79 0.00	22.91 0.93 0.00	27.43 1.19 0.00	30.28 1.36 0.00	28.75 1.26 0.00	30.67 1.45 0.00	34.85 1.68 0.00	42.90 2.21 0.00	45.57 2.20 -0.70	46.53 2.15 -1.05	48.65 2.22 -0.20	61.67 2.75 0.00	54.29 2.55 0.00	50.45 2.30 0.00	47.60 2.17 0.00	47.33 2.20 0.00	46.90 2.40 0.00	56.91 2.97 -1.37	58.88 2.99 -2.06	46.98 2.58 -1.03	43.08 2.13 -0.82
SLEIGHT___34_KV_TB1 80719	32.17 1.34 0.00	31.22 0.98 0.00	26.46 0.46 0.00	20.47 0.27 0.00	22.22 0.24 0.00	26.82 0.58 0.00	29.72 0.80 0.00	28.48 0.99 0.00	30.57 1.36 0.00	35.00 1.82 0.00	43.18 2.50 0.00	45.88 2.74 -0.47	46.81 2.77 -0.71	49.10 2.74 -0.14	62.09 3.18 0.00	54.89 3.15 0.00	50.93 2.77 0.00	47.95 2.52 0.00	47.71 2.58 0.00	47.15 2.65 0.00	56.38 2.88 -0.93	57.32 2.48 -1.01	46.20 2.14 -0.70	42.35 1.66 -0.55
SOUTH CAIRO___GT 23612	33.71 2.89 0.00	32.93 2.69 0.00	28.34 2.34 0.00	21.97 1.77 0.00	23.84 1.86 0.00	28.49 2.25 0.00	31.29 2.37 0.00	29.54 2.06 0.00	31.25 2.04 0.00	35.49 2.32 0.00	42.96 2.28 0.00	44.37 1.70 0.00	44.71 1.38 0.00	47.09 0.87 0.00	61.26 2.35 0.00	54.71 2.97 0.00	51.37 3.21 0.00	46.18 3.23 2.49	48.71 3.58 0.00	48.02 3.53 0.00	56.68 4.11 0.00	57.46 4.18 0.55	46.54 3.18 0.00	43.20 3.06 0.00
SOUTH HAMPTN___IC 23720	33.90 3.08 0.00	32.80 2.56 0.00	28.01 2.02 0.00	21.57 1.37 0.00	23.47 1.50 0.00	27.99 1.75 0.00	30.96 2.04 0.00	43.67 2.28 -13.91	39.18 2.38 -7.58	45.86 2.85 -9.84	61.64 4.64 -16.32	66.75 4.96 -19.12	67.80 4.80 -19.66	75.31 4.76 -24.33	98.91 6.61 -33.39	111.63 5.45 -54.45	246.06 5.45 -192.45	265.78 5.33 -215.02	265.07 4.93 -215.01	48.49 3.99 0.00	57.41 4.84 0.00	66.81 5.03 -7.96	62.94 3.66 -15.91	43.68 3.54 0.00
SOUTHDOW___115KV_TB1 355954	34.14 3.31 0.00	32.79 2.55 0.00	27.46 1.46 0.00	21.00 0.80 0.00	22.91 0.93 0.00	28.28 2.05 0.00	31.47 2.55 0.00	30.50 3.02 0.00	32.98 3.77 0.00	37.99 4.81 0.00	47.17 6.49 0.00	49.57 6.89 0.00	50.14 6.81 0.00	52.43 6.20 0.00	66.07 7.16 0.00	58.68 6.93 0.00	53.84 5.68 0.00	50.43 5.00 0.00	49.96 4.83 0.00	49.34 4.85 0.00	58.64 6.08 0.00	59.68 5.85 0.00	48.64 5.27 0.00	44.55 4.42 0.00
SOUTHOLD_69_KV_BK 2 55809	34.62 3.80 0.00	33.47 3.23 0.00	28.57 2.57 0.00	21.99 1.78 0.00	23.93 1.96 0.00	28.55 2.32 0.00	31.63 2.71 0.00	44.36 2.97 -13.91	39.97 3.18 -7.58	46.85 3.84 -9.84	62.94 5.93 -16.32	68.20 6.41 -19.12	69.27 6.28 -19.66	75.90 5.35 -24.33	99.72 7.41 -33.39	111.55 5.35 -54.46	245.89 5.19 -192.55	265.64 5.07 -215.14	264.71 4.46 -215.12	48.08 3.58 0.00	57.34 4.78 0.00	67.34 5.56 -7.95	63.27 3.99 -15.91	43.94 3.80 0.00
SOUTHOLD___IC 23719	34.62 3.80 0.00	33.47 3.23 0.00	28.57 2.57 0.00	21.99 1.78 0.00	23.93 1.96 0.00	28.55 2.31 0.00	31.63 2.71 0.00	44.36 2.97 -13.91	39.97 3.18 -7.58	46.86 3.84 -9.84	62.93 5.93 -16.32	68.19 6.40 -19.12	69.27 6.27 -19.66	75.91 5.36 -24.33	99.72 7.41 -33.39	111.55 5.35 -54.46	245.82 5.11 -192.55	265.65 5.08 -215.14	264.71 4.46 -215.12	48.08 3.58 0.00	57.34 4.77 0.00	67.34 5.56 -7.96	63.27 3.99 -15.91	43.94 3.80 0.00
SOUTH_FORK_WT_PWR 323839	34.72 3.90 0.00	33.58 3.34 0.00	28.65 2.65 0.00	22.05 1.85 0.00	24.00 2.03 0.00	28.64 2.40 0.00	31.74 2.82 0.00	44.47 3.08 -13.91	40.10 3.30 -7.58	47.01 4.00 -9.84	63.15 6.15 -16.32	68.43 6.64 -19.12	69.50 6.50 -19.66	76.64 6.09 -24.33	100.68 8.38 -33.39	111.79 5.60 -54.45	245.75 5.10 -192.49	265.58 5.07 -215.08	264.54 4.34 -215.06	48.00 3.51 0.00	57.03 4.46 0.00	66.66 4.88 -7.96	62.72 3.44 -15.91	43.48 3.35 0.00
SPIERFLS_115KV_TB 1 80737	33.39 2.57 0.00	32.42 2.17 0.00	27.85 1.85 0.00	21.56 1.36 0.00	23.44 1.46 0.00	28.10 1.86 0.00	30.97 2.05 0.00	31.60 2.01 -2.11	32.61 2.21 -1.19	36.98 2.37 -1.44	43.51 2.83 0.00	45.73 3.06 0.00	46.60 3.27 0.00	49.71 3.48 0.00	63.76 4.85 0.00	56.06 4.32 0.00	52.07 3.91 0.00	49.91 3.43 -1.05	48.32 3.19 0.00	48.04 3.55 0.00	56.98 4.41 0.00	58.48 4.36 -0.29	46.66 3.29 0.00	42.97 2.83 0.00
ST LAWRENCE____ 23600	29.41 -1.41 0.00	29.07 -1.17 0.00	25.11 -0.89 0.00	19.58 -0.63 0.00	21.33 -0.65 0.00	25.46 -0.78 0.00	28.14 -0.78 0.00	26.66 -0.83 0.00	28.25 -0.96 0.00	32.01 -1.16 0.00	38.99 -1.69 0.00	40.84 -1.83 0.01	41.54 -1.79 0.00	44.55 -1.68 0.00	56.62 -2.29 0.00	49.28 -2.46 0.00	45.87 -2.29 0.00	43.28 -2.15 0.00	43.25 -1.88 0.00	42.68 -1.81 0.00	50.32 -2.25 0.00	50.95 -1.96 0.91	41.98 -1.38 0.00	38.92 -1.22 0.00
STATE_CA_115KV_115_LB 55624	32.35 1.53 0.00	31.59 1.35 0.00	27.22 1.22 0.00	21.10 0.90 0.00	22.90 0.93 0.00	27.33 1.10 0.00	30.00 1.09 0.00	30.74 1.01 -2.25	31.51 1.05 -1.25	35.82 1.13 -1.51	41.98 1.30 0.00	43.92 1.25 0.00	44.51 1.18 0.00	47.37 1.14 0.00	60.64 1.72 0.00	53.54 1.80 0.00	50.04 1.88 0.00	47.52 1.73 -0.36	46.65 1.52 0.00	45.87 1.38 0.00	54.25 1.68 0.00	55.63 1.66 -0.15	44.56 1.20 0.00	41.38 1.24 0.00
STATE_ST_34_KV_LOAD 55959	31.90 1.08 0.00	31.06 0.82 0.00	26.52 0.52 0.00	20.55 0.35 0.00	22.33 0.35 0.00	26.79 0.56 0.00	29.61 0.68 0.00	28.30 0.82 0.00	30.16 0.95 0.00	34.32 1.14 0.00	42.46 1.78 0.00	46.52 1.87 -1.98	48.13 1.84 -2.96	48.64 1.85 -0.57	61.36 2.44 0.00	54.14 2.40 0.00	50.24 2.08 0.00	47.39 1.96 0.00	47.15 2.02 0.00	46.78 2.29 0.00	59.13 2.69 -3.87	60.65 2.41 -4.42	48.18 1.90 -2.91	43.93 1.49 -2.31

STATION 5_MISC_HYD 23604	32.59 1.76 0.00	31.60 1.35 0.00	26.68 0.68 0.00	20.62 0.41 0.00	22.37 0.40 0.00	27.09 0.85 0.00	30.03 1.11 0.00	28.78 1.29 0.00	30.12 1.78 0.86	34.86 2.38 0.69	43.84 3.16 0.00	46.10 3.43 0.00	46.82 3.49 0.00	49.59 3.37 0.00	62.72 3.80 0.00	55.48 3.74 0.00	51.42 3.27 0.00	48.25 2.82 0.00	48.06 2.93 0.00	47.51 3.01 0.00	55.84 3.27 0.00	56.66 2.83 0.00	46.05 2.69 0.00	42.34 2.20 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.60 1.78 0.00	31.59 1.35 0.00	26.75 0.75 0.00	20.68 0.48 0.00	22.45 0.47 0.00	27.13 0.89 0.00	30.07 1.15 0.00	28.86 1.38 0.00	31.04 1.83 0.00	35.52 2.34 0.00	43.87 3.19 0.00	46.59 3.42 -0.51	47.50 3.41 -0.76	49.85 3.48 -0.15	63.09 4.18 0.00	55.75 4.01 0.00	51.72 3.57 0.00	48.70 3.27 0.00	48.44 3.32 0.00	47.86 3.36 0.00	57.25 3.69 -0.99	58.20 3.30 -1.08	46.92 2.81 -0.74	42.98 2.25 -0.59
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.37 1.55 0.00	31.38 1.14 0.00	26.51 0.51 0.00	20.49 0.28 0.00	22.24 0.26 0.00	26.91 0.67 0.00	29.83 0.91 0.00	28.58 1.10 0.00	30.78 1.57 0.00	35.32 2.14 0.00	43.55 2.87 0.00	45.79 3.12 0.00	46.52 3.19 0.00	49.33 3.10 0.00	62.40 3.49 0.00	55.20 3.47 0.00	51.19 3.03 0.00	48.13 2.70 0.00	47.86 2.73 0.00	47.28 2.78 0.00	55.56 2.99 0.00	56.36 2.54 0.00	45.76 2.39 0.00	42.06 1.92 0.00
STA_56____34_KV_BUS2 355983	32.37 1.55 0.00	31.38 1.14 0.00	26.51 0.51 0.00	20.49 0.28 0.00	22.24 0.26 0.00	26.91 0.67 0.00	29.83 0.91 0.00	28.58 1.10 0.00	30.78 1.57 0.00	35.32 2.14 0.00	43.55 2.87 0.00	45.79 3.12 0.00	46.52 3.19 0.00	49.33 3.10 0.00	62.40 3.49 0.00	55.20 3.47 0.00	51.19 3.03 0.00	48.13 2.70 0.00	47.86 2.73 0.00	47.28 2.78 0.00	55.56 2.99 0.00	56.36 2.54 0.00	45.76 2.39 0.00	42.06 1.92 0.00
STA_67____115KV_BK2 355882	32.48 1.66 0.00	31.50 1.26 0.00	26.60 0.60 0.00	20.56 0.36 0.00	22.31 0.33 0.00	27.01 0.77 0.00	29.94 1.02 0.00	28.68 1.20 0.00	30.89 1.68 0.00	35.46 2.28 0.00	43.68 3.00 0.00	45.90 3.23 0.00	46.62 3.29 0.00	49.39 3.17 0.00	62.44 3.53 0.00	55.25 3.52 0.00	51.20 3.04 0.00	48.11 2.68 0.00	47.85 2.72 0.00	47.30 2.80 0.00	55.61 3.04 0.00	56.44 2.62 0.00	45.89 2.53 0.00	42.20 2.06 0.00
STA_7____115KV_9TRANS 80674	32.84 2.02 0.00	31.83 1.59 0.00	26.86 0.86 0.00	20.75 0.54 0.00	22.51 0.53 0.00	27.26 1.02 0.00	30.22 1.30 0.00	28.96 1.47 0.00	31.21 2.00 0.00	35.83 2.66 0.00	44.15 3.47 0.00	46.43 3.76 0.00	47.19 3.86 0.00	50.04 3.81 0.00	63.29 4.38 0.00	56.02 4.28 0.00	51.93 3.78 0.00	48.83 3.40 0.00	48.57 3.44 0.00	47.99 3.50 0.00	56.36 3.80 0.00	57.17 3.34 0.00	46.44 3.08 0.00	42.65 2.51 0.00
STA_82____115KV_TB1 80780	32.50 1.67 0.00	31.51 1.27 0.00	26.61 0.61 0.00	20.56 0.36 0.00	22.32 0.34 0.00	27.02 0.78 0.00	29.95 1.03 0.00	28.70 1.22 0.00	30.91 1.70 0.00	35.47 2.30 0.00	43.69 3.01 0.00	45.92 3.25 0.00	46.63 3.30 0.00	49.42 3.19 0.00	62.45 3.54 0.00	55.27 3.53 0.00	51.22 3.06 0.00	48.15 2.72 0.00	47.88 2.76 0.00	47.33 2.83 0.00	55.66 3.09 0.00	56.46 2.64 0.00	45.91 2.55 0.00	42.22 2.08 0.00
STEEL____WIND 323596	33.14 2.32 0.00	32.04 1.80 0.00	26.86 0.86 0.00	20.69 0.48 0.00	22.44 0.46 0.00	27.41 1.17 0.00	30.43 1.51 0.00	29.33 1.85 0.00	29.76 2.46 1.91	35.00 3.35 1.53	45.18 4.50 0.00	47.53 4.86 0.00	48.16 4.83 0.00	50.77 4.55 0.00	63.94 5.03 0.00	56.72 4.98 0.00	52.28 4.12 0.00	48.76 3.33 0.00	48.58 3.45 0.00	48.03 3.54 0.00	56.46 3.89 0.00	57.35 3.52 0.00	47.02 3.65 0.00	43.24 3.10 0.00
STEPHTWN_115KV_BK_2 55603	32.38 1.56 0.00	31.60 1.36 0.00	27.19 1.19 0.00	21.11 0.90 0.00	22.89 0.92 0.00	27.34 1.11 0.00	30.01 1.09 0.00	30.93 1.16 -2.28	31.60 1.13 -1.26	35.91 1.21 -1.52	42.08 1.40 0.00	43.98 1.31 0.00	44.48 1.14 0.00	47.23 1.01 0.00	60.62 1.71 0.00	53.49 1.75 0.00	50.02 1.87 0.00	42.47 1.87 4.83	46.87 1.74 0.00	46.03 1.53 0.00	54.29 1.72 0.00	54.49 1.73 1.06	44.59 1.23 0.00	41.43 1.29 0.00
STEUBEN_REC_LFGE 323667	33.11 2.29 0.00	32.18 1.94 0.00	26.98 0.98 0.00	20.71 0.50 0.00	22.37 0.39 0.00	27.34 1.10 0.00	30.04 1.12 0.00	29.57 2.08 0.00	32.01 2.80 0.00	36.63 3.46 0.00	45.18 4.50 0.00	48.04 4.74 -0.63	49.00 4.71 -0.96	51.10 4.69 -0.18	64.26 5.34 0.00	56.97 5.23 0.00	52.43 4.27 0.00	49.22 3.79 0.00	49.17 4.04 0.00	48.56 4.07 0.00	58.40 4.59 -1.24	59.49 4.31 -1.36	48.36 4.06 -0.94	44.27 3.39 -0.74
STILLWATER____SOLAR 323814	33.17 2.35 0.00	32.32 2.08 0.00	27.77 1.77 0.00	21.51 1.31 0.00	23.37 1.40 0.00	27.96 1.72 0.00	30.76 1.84 0.00	31.45 1.80 -2.17	32.36 1.93 -1.21	36.72 2.08 -1.47	43.15 2.47 0.00	45.25 2.59 0.00	46.00 2.67 0.00	49.08 2.86 0.00	62.81 3.90 0.00	55.39 3.65 0.00	51.73 3.58 0.00	50.06 3.35 -1.27	48.23 3.10 0.00	47.66 3.17 0.00	56.46 3.89 0.00	58.02 3.85 -0.35	46.25 2.89 0.00	42.71 2.57 0.00
STONY____BROOK 24151	33.46 2.64 0.00	32.41 2.17 0.00	27.71 1.71 0.00	21.34 1.13 0.00	23.21 1.24 0.00	27.66 1.42 0.00	30.55 1.63 0.00	43.24 1.84 -13.91	38.65 1.85 -7.58	45.19 2.17 -9.84	60.75 3.75 -16.32	65.72 3.94 -19.12	66.60 3.61 -19.66	74.17 3.62 -24.33	100.51 5.06 -36.54	119.15 4.65 -62.76	296.82 4.83 -243.83	325.50 4.66 -275.40	320.60 4.39 -271.08	48.07 3.58 0.00	56.75 4.19 0.00	66.12 4.34 -7.96	62.50 3.23 -15.91	43.42 3.28 0.00
STURGEON_POOL_HYD 23609	32.25 1.43 0.00	31.31 1.07 0.00	26.85 0.86 0.00	20.76 0.55 0.00	22.57 0.59 0.00	26.95 0.72 0.00	29.86 0.94 0.00	28.71 1.23 0.00	30.56 1.34 0.00	34.66 1.49 0.00	42.92 2.24 0.00	45.11 2.45 0.00	45.86 2.52 0.00	48.96 2.73 0.00	62.68 3.77 0.00	55.53 3.79 0.00	51.90 3.75 0.00	48.62 3.66 0.47	48.45 3.32 0.00	47.39 2.89 0.00	55.77 3.20 0.00	56.79 3.09 0.12	45.49 2.12 0.00	42.09 1.95 0.00
ST_LAW_115_BK7_LBMP 345037	29.31 -1.51 0.00	28.99 -1.25 0.00	25.05 -0.95 0.00	19.54 -0.67 0.00	21.29 -0.69 0.00	25.41 -0.83 0.00	28.09 -0.83 0.00	26.59 -0.89 0.00	28.17 -1.04 0.00	31.91 -1.26 0.00	38.84 -1.83 0.00	40.68 -1.99 0.01	41.38 -1.95 0.00	44.41 -1.82 0.00	56.42 -2.50 0.00	49.07 -2.67 0.00	45.66 -2.49 0.00	43.10 -2.34 0.00	43.08 -2.05 0.00	42.53 -1.96 0.00	50.15 -2.41 0.00	50.64 -2.14 1.05	41.89 -1.48 0.00	38.82 -1.32 0.00
ST_LAW_115_BK8_LBMP 345038	29.31 -1.51 0.00	28.99 -1.25 0.00	25.05 -0.95 0.00	19.54 -0.67 0.00	21.29 -0.69 0.00	25.41 -0.83 0.00	28.09 -0.83 0.00	26.59 -0.89 0.00	28.17 -1.04 0.00	31.91 -1.26 0.00	38.84 -1.83 0.00	40.68 -1.99 0.01	41.38 -1.95 0.00	44.41 -1.82 0.00	56.42 -2.50 0.00	49.07 -2.67 0.00	45.66 -2.49 0.00	43.10 -2.34 0.00	43.08 -2.05 0.00	42.53 -1.96 0.00	50.15 -2.41 0.00	50.64 -2.14 1.05	41.89 -1.48 0.00	38.82 -1.32 0.00

ST_LAW_230_BK5_LBMP 345035	29.41 -1.41 0.00	29.07 -1.17 0.00	25.11 -0.89 0.00	19.58 -0.63 0.00	21.33 -0.65 0.00	25.46 -0.78 0.00	28.14 -0.78 0.00	26.66 -0.83 0.00	28.25 -0.96 0.00	32.01 -1.16 0.00	38.99 -1.69 0.00	40.84 -1.83 0.01	41.54 -1.79 0.00	44.55 -1.68 0.00	56.62 -2.29 0.00	49.28 -2.46 0.00	45.87 -2.29 0.00	43.28 -2.15 0.00	43.25 -1.88 0.00	42.68 -1.81 0.00	50.32 -2.25 0.00	51.06 -1.96 0.80	41.98 -1.38 0.00	38.92 -1.22 0.00
ST_LAW_230_BK6_LBMP 345036	29.41 -1.41 0.00	29.07 -1.17 0.00	25.11 -0.89 0.00	19.58 -0.63 0.00	21.33 -0.65 0.00	25.46 -0.78 0.00	28.14 -0.78 0.00	26.66 -0.83 0.00	28.25 -0.96 0.00	32.01 -1.16 0.00	38.99 -1.69 0.00	40.84 -1.83 0.01	41.54 -1.79 0.00	44.55 -1.68 0.00	56.62 -2.29 0.00	49.28 -2.46 0.00	45.87 -2.29 0.00	43.28 -2.15 0.00	43.25 -1.88 0.00	42.68 -1.81 0.00	50.32 -2.25 0.00	51.06 -1.96 0.80	41.98 -1.38 0.00	38.92 -1.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.41 1.59 0.00	31.50 1.26 0.00	27.02 1.01 0.00	20.89 0.68 0.00	22.71 0.73 0.00	27.14 0.90 0.00	29.99 1.07 0.00	14.52 1.22 14.18	22.79 1.30 7.72	25.32 1.44 9.29	42.70 2.02 0.00	44.78 2.11 0.00	45.44 2.11 0.00	48.37 2.14 0.00	61.99 3.08 0.00	54.93 3.19 0.00	51.37 3.21 0.00	48.74 3.11 -0.20	47.99 2.86 0.00	47.03 2.53 0.00	55.40 2.83 0.00	56.50 2.68 0.00	45.25 1.89 0.00	41.99 1.85 0.00
SWANROAD_115KV_TB1 355699	32.25 1.43 0.00	31.21 0.97 0.00	26.17 0.17 0.00	20.16 -0.04 0.00	21.88 -0.10 0.00	26.71 0.47 0.00	29.63 0.71 0.00	28.43 0.95 0.00	30.68 1.47 0.00	35.31 2.13 0.00	43.41 2.73 0.00	45.57 2.90 0.00	46.27 2.93 0.00	48.70 2.47 0.00	61.04 2.13 0.00	54.24 2.50 0.00	50.05 1.90 0.00	46.73 1.30 0.00	46.52 1.39 0.00	46.06 1.56 0.00	54.21 1.64 0.00	54.97 1.15 0.00	45.47 2.10 0.00	41.98 1.84 0.00
SYNERGY___BIOGAS 323694	33.72 2.90 0.00	32.57 2.33 0.00	27.33 1.32 0.00	21.06 0.85 0.00	22.85 0.87 0.00	27.85 1.62 0.00	30.93 2.01 0.00	29.75 2.27 0.00	30.80 2.89 1.30	35.83 3.70 1.04	44.94 4.26 0.00	46.75 4.08 0.00	47.42 4.08 0.00	50.12 3.90 0.00	63.10 4.18 0.00	56.17 4.43 0.00	51.87 3.72 0.00	48.56 3.13 0.00	48.59 3.46 0.00	48.26 3.77 0.00	56.72 4.15 0.00	57.73 3.91 0.00	47.84 4.47 0.00	43.93 3.79 0.00
SYRACUSE___ENERGY_ST1 323597	31.38 0.55 0.00	30.68 0.43 0.00	26.23 0.22 0.00	20.36 0.15 0.00	22.12 0.14 0.00	26.46 0.22 0.00	29.21 0.29 0.00	27.84 0.35 0.00	29.64 0.43 0.00	33.65 0.48 0.00	41.56 0.88 0.00	45.94 0.90 -2.37	47.79 0.91 -3.54	47.74 0.83 -0.68	59.96 1.05 0.00	52.92 1.18 0.00	49.16 1.00 0.00	46.37 0.94 0.00	46.08 0.95 0.00	45.47 0.98 0.00	58.35 1.14 -4.64	60.11 0.99 -5.30	47.57 0.71 -3.49	43.39 0.48 -2.76
SYRACUSE___ENERGY_ST2 323598	31.38 0.55 0.00	30.68 0.43 0.00	26.23 0.22 0.00	20.36 0.15 0.00	22.12 0.14 0.00	26.46 0.22 0.00	29.21 0.29 0.00	27.84 0.35 0.00	29.64 0.43 0.00	33.65 0.48 0.00	41.56 0.88 0.00	45.94 0.90 -2.37	47.79 0.91 -3.54	47.74 0.83 -0.68	59.96 1.05 0.00	52.92 1.18 0.00	49.16 1.00 0.00	46.37 0.94 0.00	46.08 0.95 0.00	45.47 0.98 0.00	58.35 1.14 -4.64	60.11 0.99 -5.30	47.57 0.71 -3.49	43.39 0.48 -2.76
SYRACUSE___POWER 24017	31.40 0.58 0.00	30.65 0.41 0.00	26.22 0.22 0.00	20.34 0.13 0.00	22.10 0.12 0.00	26.44 0.21 0.00	29.20 0.28 0.00	27.86 0.38 0.00	29.71 0.50 0.00	33.83 0.65 0.00	41.78 1.09 0.00	45.42 1.16 -1.60	46.92 1.20 -2.39	47.81 1.13 -0.46	60.32 1.40 0.00	53.23 1.49 0.00	49.43 1.28 0.00	46.60 1.17 0.00	46.30 1.17 0.00	45.65 1.16 0.00	57.01 1.32 -3.12	58.67 1.19 -3.66	46.57 0.86 -2.35	42.60 0.60 -1.86
TALLMAN___138KV_BK151 55660	32.50 1.68 0.00	31.55 1.31 0.00	27.05 1.05 0.00	20.91 0.70 0.00	22.72 0.74 0.00	27.17 0.93 0.00	30.04 1.12 0.00	9.51 1.27 19.25	20.08 1.35 10.48	22.04 1.47 12.61	42.79 2.11 0.00	44.90 2.23 0.00	45.56 2.23 0.00	48.45 2.23 0.00	62.11 3.20 0.00	55.06 3.32 0.00	51.53 3.37 0.00	48.95 3.29 -0.22	48.12 2.99 0.00	47.08 2.59 0.00	55.45 2.88 0.00	56.51 2.69 0.00	45.25 1.88 0.00	42.05 1.91 0.00
TEALLAVE_115KV_TB7 355573	31.30 0.48 0.00	30.55 0.31 0.00	26.13 0.13 0.00	20.27 0.07 0.00	22.02 0.04 0.00	26.37 0.14 0.00	29.11 0.19 0.00	27.78 0.30 0.00	29.65 0.43 0.00	33.77 0.60 0.00	41.72 1.04 0.00	45.04 1.08 -1.30	46.38 1.11 -1.94	47.61 1.02 -0.37	60.14 1.23 0.00	53.07 1.33 0.00	49.28 1.12 0.00	46.46 1.02 0.00	46.14 1.01 0.00	45.51 1.01 0.00	56.27 1.17 -2.53	57.91 1.04 -3.05	46.04 0.77 -1.91	42.17 0.52 -1.51
TELGRAPH_34_KV_EAST 80808	32.95 2.13 0.00	31.86 1.62 0.00	26.71 0.71 0.00	20.59 0.38 0.00	22.34 0.36 0.00	27.25 1.02 0.00	30.24 1.32 0.00	29.06 1.58 0.00	31.40 2.18 0.00	36.11 2.94 0.00	44.33 3.66 0.00	46.49 3.82 0.00	47.18 3.85 0.00	49.79 3.57 0.00	62.53 3.62 0.00	55.60 3.86 0.00	51.35 3.19 0.00	48.05 2.62 0.00	47.85 2.73 0.00	47.44 2.94 0.00	55.78 3.21 0.00	56.65 2.83 0.00	46.64 3.28 0.00	42.94 2.81 0.00
TEMPLE___115KV_TB 2 55572	31.33 0.51 0.00	30.57 0.33 0.00	26.15 0.15 0.00	20.29 0.08 0.00	22.03 0.06 0.00	26.38 0.15 0.00	29.13 0.21 0.00	27.81 0.33 0.00	29.67 0.46 0.00	33.81 0.64 0.00	41.76 1.08 0.00	45.10 1.14 -1.29	46.42 1.16 -1.93	47.66 1.07 -0.37	60.21 1.30 0.00	53.13 1.39 0.00	49.35 1.19 0.00	46.52 1.08 0.00	46.19 1.06 0.00	45.55 1.06 0.00	56.31 1.21 -2.52	57.93 1.08 -3.03	46.05 0.79 -1.90	42.20 0.55 -1.50
TIANA____69_KV_BK 1 55817	33.77 2.95 0.00	32.67 2.43 0.00	27.91 1.91 0.00	21.49 1.28 0.00	23.38 1.41 0.00	27.87 1.64 0.00	30.84 1.92 0.00	43.54 2.14 -13.91	39.00 2.21 -7.58	45.65 2.63 -9.84	61.36 4.36 -16.32	66.45 4.66 -19.12	67.50 4.50 -19.66	75.01 4.46 -24.33	98.54 6.24 -33.39	111.52 5.32 -54.46	246.11 5.42 -192.53	265.82 5.27 -215.12	265.16 4.93 -215.10	48.48 3.98 0.00	57.38 4.81 0.00	66.78 5.00 -7.95	62.92 3.64 -15.91	43.66 3.52 0.00
TILDEN___115KV_TB1 80814	31.40 0.58 0.00	30.65 0.41 0.00	26.22 0.22 0.00	20.34 0.13 0.00	22.10 0.12 0.00	26.44 0.21 0.00	29.20 0.28 0.00	27.86 0.38 0.00	29.71 0.50 0.00	33.83 0.65 0.00	41.78 1.09 0.00	45.42 1.16 -1.60	46.92 1.20 -2.39	47.81 1.13 -0.46	60.32 1.40 0.00	53.23 1.49 0.00	49.43 1.28 0.00	46.60 1.17 0.00	46.30 1.17 0.00	45.65 1.16 0.00	57.01 1.32 -3.12	58.67 1.19 -3.66	46.57 0.86 -2.35	42.60 0.60 -1.86
TRIGEN___CC 323695	33.08 2.26 0.00	32.09 1.85 0.00	27.48 1.48 0.00	21.20 0.99 0.00	23.04 1.06 0.00	27.45 1.21 0.00	30.33 1.41 0.00	42.98 1.59 -13.91	38.40 1.61 -7.58	44.83 1.82 -9.83	60.03 3.03 -16.32	65.01 3.22 -19.12	66.18 3.19 -19.66	73.78 3.23 -24.33	85.66 4.46 -22.29	90.27 4.30 -34.23	84.04 4.35 -31.54	53.78 4.14 -4.20	66.51 3.87 -17.51	47.72 3.22 0.00	56.25 3.68 0.00	65.57 3.79 -7.95	62.13 2.85 -15.91	42.86 2.72 0.00

TRINITY__115KV__4 BK 55933	32.16 1.34 0.00	31.41 1.17 0.00	27.07 1.07 0.00	21.00 0.79 0.00	22.78 0.81 0.00	27.18 0.95 0.00	29.82 0.91 0.00	30.60 0.84 -2.28	31.33 0.85 -1.27	35.59 0.89 -1.53	41.65 0.97 0.00	43.53 0.86 0.00	44.08 0.75 0.00	46.91 0.69 0.00	60.06 1.15 0.00	53.00 1.26 0.00	49.54 1.38 0.00	45.67 1.29 1.05	46.23 1.10 0.00	45.48 0.99 0.00	53.81 1.24 0.00	54.87 1.22 0.18	44.24 0.88 0.00	41.10 0.96 0.00
UNION__PROCESSING_DRP 323587	32.51 1.69 0.00	31.53 1.29 0.00	26.62 0.62 0.00	20.57 0.37 0.00	22.33 0.35 0.00	27.03 0.80 0.00	29.96 1.05 0.00	28.71 1.23 0.00	30.93 1.71 0.00	35.49 2.31 0.00	43.71 3.03 0.00	45.93 3.26 0.00	46.66 3.33 0.00	49.43 3.21 0.00	62.50 3.58 0.00	55.30 3.56 0.00	51.25 3.09 0.00	48.16 2.73 0.00	47.91 2.78 0.00	47.34 2.85 0.00	55.67 3.11 0.00	56.50 2.67 0.00	45.94 2.58 0.00	42.24 2.10 0.00
UPPER HUDSON__HYD 24058	33.39 2.57 0.00	32.41 2.17 0.00	27.85 1.85 0.00	21.56 1.36 0.00	23.44 1.46 0.00	28.10 1.86 0.00	30.97 2.05 0.00	31.60 2.01 -2.11	32.61 2.21 -1.19	36.98 2.37 -1.44	43.51 2.83 0.00	45.73 3.06 0.00	46.60 3.27 0.00	49.70 3.48 0.00	63.76 4.85 0.00	56.06 4.32 0.00	52.07 3.91 0.00	49.92 3.43 -1.05	48.32 3.19 0.00	48.05 3.55 0.00	56.98 4.41 0.00	58.47 4.35 -0.29	46.66 3.29 0.00	42.97 2.83 0.00
UPPER RAQUET__HYD 24056	29.49 -1.33 0.00	29.10 -1.15 0.00	25.12 -0.88 0.00	19.51 -0.70 0.00	21.37 -0.61 0.00	25.54 -0.69 0.00	28.28 -0.64 0.00	26.53 -0.95 0.00	27.86 -1.36 0.00	31.60 -1.57 0.00	38.46 -2.22 0.00	40.48 -2.57 -0.38	41.34 -2.59 -0.59	43.77 -2.57 -0.11	55.21 -3.70 0.00	47.90 -3.84 0.00	44.59 -3.56 0.00	42.19 -3.24 0.00	42.46 -2.67 0.00	42.09 -2.40 0.00	51.01 -2.33 -0.78	49.19 -2.02 2.61	42.98 -0.97 -0.58	39.79 -0.80 -0.46
VALLEY44_115KV_TB2 355964	32.84 2.02 0.00	31.78 1.54 0.00	26.75 0.74 0.00	20.66 0.46 0.00	22.48 0.50 0.00	27.38 1.15 0.00	30.39 1.47 0.00	29.25 1.76 0.00	31.57 2.36 0.00	36.30 3.12 0.00	44.82 4.14 0.00	46.94 4.27 0.00	47.35 4.02 0.00	50.05 3.82 0.00	63.18 4.26 0.00	55.98 4.24 0.00	51.30 3.15 0.00	48.12 2.69 0.00	47.65 2.52 0.00	47.06 2.57 0.00	55.35 2.78 0.00	56.50 2.67 0.00	46.16 2.80 0.00	42.52 2.38 0.00
VALLEY__115KV_TB 1-4 80826	32.09 1.27 0.00	31.34 1.10 0.00	26.89 0.89 0.00	20.84 0.64 0.00	22.63 0.66 0.00	26.99 0.75 0.00	29.70 0.78 0.00	28.28 0.79 0.00	30.04 0.82 0.00	33.96 0.78 0.00	41.58 0.90 0.00	43.67 1.00 0.00	44.38 1.05 0.00	47.28 1.05 0.00	60.53 1.62 0.00	53.57 1.83 0.00	49.95 1.80 0.00	47.04 1.61 0.00	46.35 1.22 0.00	45.79 1.29 0.00	54.35 1.79 0.00	56.00 1.96 -0.21	44.80 1.44 0.00	41.39 1.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.46 1.63 0.00	31.76 1.52 0.00	27.30 1.30 0.00	21.15 0.94 0.00	22.99 1.02 0.00	27.50 1.26 0.00	30.31 1.39 0.00	28.90 1.42 0.00	30.78 1.57 0.00	34.96 1.78 0.00	43.06 2.38 0.00	45.62 2.51 -0.44	46.52 2.53 -0.66	48.90 2.55 -0.13	62.43 3.52 0.00	55.10 3.36 0.00	51.25 3.09 0.00	48.42 2.99 0.00	48.00 2.87 0.00	47.24 2.74 0.00	56.52 3.17 -0.78	57.83 3.15 -0.86	46.35 2.39 -0.59	42.75 2.15 -0.47
VISCHER__FERRY HYD 24020	32.68 1.85 0.00	31.89 1.64 0.00	27.42 1.42 0.00	21.25 1.04 0.00	23.07 1.10 0.00	27.55 1.32 0.00	30.26 1.34 0.00	31.12 1.32 -2.32	31.90 1.39 -1.29	36.22 1.49 -1.56	42.42 1.74 0.00	44.38 1.71 0.00	45.03 1.70 0.00	47.98 1.76 0.00	61.43 2.52 0.00	54.17 2.43 0.00	50.66 2.50 0.00	49.78 2.39 -1.96	47.33 2.20 0.00	46.64 2.15 0.00	55.22 2.65 0.00	56.98 2.63 -0.52	45.30 1.94 0.00	41.94 1.80 0.00
V_A_10_SYNC_DSASP 323832	32.18 1.36 0.00	31.21 0.97 0.00	26.25 0.25 0.00	20.28 0.07 0.00	22.00 0.02 0.00	26.76 0.52 0.00	29.67 0.75 0.00	28.46 0.98 0.00	29.30 1.47 1.39	34.20 2.14 1.11	43.57 2.89 0.00	45.78 3.12 0.00	46.37 3.04 0.00	48.85 2.62 0.00	61.48 2.57 0.00	54.44 2.71 0.00	50.32 2.16 0.00	47.00 1.57 0.00	46.83 1.70 0.00	46.33 1.83 0.00	54.53 1.96 0.00	55.34 1.51 0.00	45.35 1.99 0.00	41.83 1.69 0.00
V_CMM_10_SYNC_DSASP 323787	29.47 -1.35 0.00	29.14 -1.10 0.00	25.18 -0.82 0.00	19.63 -0.58 0.00	21.39 -0.59 0.00	25.53 -0.70 0.00	28.24 -0.68 0.00	26.73 -0.75 0.00	28.32 -0.89 0.00	32.09 -1.08 0.00	39.07 -1.61 0.00	40.92 -1.75 0.01	41.61 -1.72 0.00	44.65 -1.57 0.00	56.73 -2.18 0.00	49.14 -2.60 0.00	45.72 -2.44 0.00	43.15 -2.28 0.00	43.14 -1.99 0.00	42.58 -1.91 0.00	50.21 -2.36 0.00	50.71 -2.07 1.05	42.06 -1.30 0.00	39.02 -1.12 0.00
V_CMP_10_SYNC_DSASP 323788	29.55 -1.27 0.00	28.97 -1.27 0.00	25.16 -0.84 0.00	19.59 -0.62 0.00	21.44 -0.53 0.00	25.77 -0.47 0.00	28.56 -0.36 0.00	27.36 -0.13 0.00	29.22 0.01 0.00	32.90 -0.28 0.00	39.90 -0.77 0.00	41.04 -1.62 0.01	41.70 -1.64 0.00	44.25 -1.97 0.00	56.04 -2.87 0.00	48.49 -3.25 0.00	45.26 -2.90 0.00	42.71 -2.73 0.00	43.02 -2.12 0.00	42.47 -2.02 0.00	50.21 -2.36 0.00	51.46 -1.33 1.03	43.21 -0.15 0.00	40.21 0.07 0.00
V_D_10_SYNC_DSASP 323841	29.49 -1.33 0.00	29.15 -1.09 0.00	25.18 -0.82 0.00	19.63 -0.58 0.00	21.40 -0.58 0.00	25.56 -0.68 0.00	28.27 -0.65 0.00	26.72 -0.76 0.00	28.26 -0.95 0.00	32.02 -1.15 0.00	38.97 -1.71 0.00	40.79 -1.87 0.01	41.49 -1.84 0.00	44.52 -1.70 0.00	56.53 -2.38 0.00	49.12 -2.61 0.00	45.73 -2.43 0.00	43.19 -2.24 0.00	43.24 -1.89 0.00	42.70 -1.79 0.00	50.43 -2.14 0.00	50.58 -1.81 1.43	42.20 -1.16 0.00	39.11 -1.02 0.00
V_E_10_SYNC_DSASP 323830	33.99 3.17 0.00	33.29 3.05 0.00	28.42 2.42 0.00	22.13 1.92 0.00	24.09 2.10 0.00	29.04 2.81 0.00	32.19 3.27 0.00	30.81 3.33 0.00	33.08 3.36 -0.50	37.73 4.15 -0.40	46.37 5.69 0.00	49.52 5.91 -0.94	50.68 5.95 -1.40	52.92 6.42 -0.27	67.52 8.61 0.00	60.03 8.29 0.00	55.30 7.14 0.00	51.69 6.26 0.00	51.14 6.01 0.00	50.48 5.99 0.00	61.48 7.11 -1.80	63.01 7.22 -1.97	50.45 5.73 -1.36	46.03 4.81 -1.07
V_F_30_NSYNC__DSASP 323816	33.20 2.38 0.00	32.35 2.11 0.00	27.80 1.80 0.00	21.53 1.32 0.00	23.40 1.42 0.00	27.99 1.75 0.00	30.80 1.87 0.00	31.48 1.85 -2.14	32.41 1.99 -1.20	36.81 2.18 -1.45	43.28 2.60 0.00	45.42 2.74 0.00	46.17 2.84 0.00	49.27 3.04 0.00	63.05 4.13 0.00	55.58 3.84 0.00	51.88 3.72 0.00	50.06 3.46 -1.17	48.34 3.21 0.00	47.76 3.27 0.00	56.56 3.99 0.00	58.10 3.95 -0.32	46.33 2.97 0.00	42.78 2.64 0.00
V_F_30_SYNC_DSASP 323786	32.35 1.53 0.00	31.59 1.35 0.00	27.22 1.22 0.00	21.10 0.90 0.00	22.90 0.92 0.00	27.33 1.10 0.00	30.00 1.08 0.00	30.74 1.01 -2.25	31.51 1.05 -1.25	35.82 1.13 -1.51	41.97 1.30 0.00	43.91 1.24 0.00	44.50 1.17 0.00	47.36 1.14 0.00	60.64 1.72 0.00	53.53 1.79 0.00	50.03 1.87 0.00	47.40 1.72 -0.25	46.63 1.50 0.00	45.87 1.38 0.00	54.25 1.68 0.00	55.60 1.65 -0.12	44.56 1.20 0.00	41.37 1.23 0.00

V_XM_10_SYNC_DSASP 323789	29.55 -1.27 0.00	28.97 -1.27 0.00	25.16 -0.84 0.00	19.59 -0.62 0.00	21.44 -0.53 0.00	25.77 -0.47 0.00	28.56 -0.36 0.00	27.36 -0.13 0.00	29.22 0.01 0.00	32.90 -0.28 0.00	39.90 -0.77 0.00	41.04 -1.62 0.01	41.70 -1.64 0.00	44.25 -1.97 0.00	56.04 -2.87 0.00	48.49 -3.25 0.00	45.26 -2.90 0.00	42.71 -2.73 0.00	43.02 -2.12 0.00	42.47 -2.02 0.00	50.21 -2.36 0.00	51.46 -1.33 1.03	43.21 -0.15 0.00	40.21 0.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.59 1.77 0.00	31.65 1.41 0.00	27.14 1.14 0.00	20.99 0.78 0.00	22.80 0.82 0.00	27.26 1.03 0.00	30.15 1.23 0.00	8.32 1.38 20.54	19.48 1.46 11.19	21.32 1.60 13.45	42.95 2.27 0.00	45.06 2.39 0.00	45.74 2.41 0.00	48.65 2.42 0.00	62.38 3.46 0.00	55.30 3.57 0.00	51.76 3.60 0.00	49.15 3.49 -0.23	48.31 3.18 0.00	47.28 2.79 0.00	55.66 3.09 0.00	56.73 2.91 0.00	45.42 2.06 0.00	42.18 2.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.84 2.02 0.00	31.81 1.57 0.00	27.27 1.27 0.00	21.09 0.88 0.00	22.91 0.93 0.00	27.40 1.16 0.00	30.36 1.44 0.00	42.97 1.69 -13.79	38.56 1.83 -7.52	44.21 2.00 -9.04	43.40 2.72 0.00	45.46 2.79 0.00	46.08 2.75 0.00	48.92 2.70 0.00	62.66 3.75 0.00	55.60 3.86 0.00	51.95 3.79 0.00	49.35 3.66 -0.25	48.49 3.36 0.00	47.43 2.94 0.00	55.83 3.26 0.00	56.96 3.11 -0.03	45.64 2.28 0.00	42.57 2.43 0.00
W50THST__13_KV_LOAD 356117	33.05 2.23 0.00	31.99 1.75 0.00	27.42 1.42 0.00	21.20 0.99 0.00	23.03 1.06 0.00	27.56 1.33 0.00	30.58 1.66 0.00	43.24 1.97 -13.79	38.86 2.13 -7.52	44.59 2.37 -9.04	43.86 3.18 0.00	45.94 3.27 0.00	46.58 3.25 0.00	49.42 3.20 0.00	63.27 4.35 0.00	56.13 4.39 0.00	52.41 4.25 0.00	49.78 4.10 -0.25	48.90 3.77 0.00	47.79 3.29 0.00	56.21 3.64 0.00	57.32 3.47 -0.03	45.96 2.59 0.00	42.89 2.75 0.00
WADING RIVER_IC_1 23522	33.26 2.44 0.00	32.20 1.96 0.00	27.52 1.52 0.00	21.19 0.98 0.00	23.06 1.08 0.00	27.47 1.24 0.00	30.37 1.45 0.00	43.07 1.68 -13.91	38.47 1.68 -7.58	44.98 1.97 -9.84	60.48 3.48 -16.32	65.49 3.70 -19.12	66.52 3.53 -19.66	74.04 3.49 -24.33	97.23 4.96 -33.36	110.49 4.38 -54.36	244.70 4.58 -191.96	264.40 4.51 -214.47	263.85 4.23 -214.49	47.73 3.23 0.00	56.59 4.02 0.00	65.99 4.21 -7.96	62.33 3.05 -15.91	43.18 3.04 0.00
WADING RIVER_IC_2 23547	33.26 2.44 0.00	32.20 1.96 0.00	27.52 1.52 0.00	21.19 0.98 0.00	23.06 1.08 0.00	27.47 1.24 0.00	30.37 1.45 0.00	43.07 1.68 -13.91	38.47 1.68 -7.58	44.98 1.97 -9.84	60.48 3.48 -16.32	65.49 3.70 -19.12	66.52 3.53 -19.66	74.04 3.49 -24.33	97.23 4.96 -33.36	110.49 4.38 -54.36	244.70 4.58 -191.96	264.40 4.51 -214.47	263.85 4.23 -214.49	47.73 3.23 0.00	56.59 4.02 0.00	65.99 4.21 -7.96	62.33 3.05 -15.91	43.18 3.04 0.00
WADING RIVER_IC_3 23601	33.26 2.44 0.00	32.20 1.96 0.00	27.52 1.52 0.00	21.19 0.98 0.00	23.06 1.08 0.00	27.47 1.24 0.00	30.37 1.45 0.00	43.07 1.68 -13.91	38.47 1.68 -7.58	44.98 1.97 -9.84	60.48 3.48 -16.32	65.49 3.70 -19.12	66.52 3.53 -19.66	74.04 3.49 -24.33	97.23 4.96 -33.36	110.49 4.38 -54.36	244.70 4.58 -191.96	264.40 4.51 -214.47	263.85 4.23 -214.49	47.73 3.23 0.00	56.59 4.02 0.00	65.99 4.21 -7.96	62.33 3.05 -15.91	43.18 3.04 0.00
WALDENNY_12_KV_BK2 80841	33.22 2.40 0.00	32.11 1.87 0.00	26.92 0.92 0.00	20.73 0.52 0.00	22.49 0.51 0.00	27.46 1.22 0.00	30.51 1.59 0.00	29.36 1.88 0.00	31.75 2.54 0.00	36.62 3.44 0.00	45.25 4.57 0.00	47.59 4.92 0.00	48.26 4.93 0.00	50.94 4.71 0.00	64.10 5.19 0.00	56.90 5.16 0.00	52.45 4.29 0.00	49.01 3.58 0.00	48.71 3.58 0.00	48.14 3.64 0.00	56.60 4.04 0.00	57.41 3.59 0.00	47.09 3.73 0.00	43.32 3.18 0.00
WALDEN__HYDRO 24148	32.59 1.77 0.00	31.65 1.41 0.00	27.14 1.14 0.00	20.99 0.78 0.00	22.81 0.83 0.00	27.27 1.03 0.00	30.14 1.22 0.00	24.76 1.39 4.11	28.45 1.47 2.23	32.15 1.66 2.69	42.99 2.31 0.00	45.13 2.46 0.00	45.81 2.48 0.00	48.75 2.53 0.00	62.52 3.61 0.00	55.38 3.65 0.00	51.81 3.66 0.00	49.14 3.55 -0.16	48.46 3.33 0.00	47.51 3.02 0.00	55.97 3.40 0.00	57.08 3.25 0.00	45.69 2.32 0.00	42.35 2.22 0.00
WARRENSBURG____ 23737	33.39 2.57 0.00	32.41 2.17 0.00	27.85 1.85 0.00	21.56 1.36 0.00	23.44 1.46 0.00	28.10 1.86 0.00	30.97 2.05 0.00	31.60 2.01 -2.11	32.61 2.21 -1.19	36.98 2.37 -1.44	43.51 2.83 0.00	45.73 3.06 0.00	46.60 3.27 0.00	49.70 3.48 0.00	63.76 4.85 0.00	56.06 4.32 0.00	52.07 3.91 0.00	49.92 3.43 -1.05	48.32 3.19 0.00	48.05 3.55 0.00	56.98 4.41 0.00	58.47 4.35 -0.29	46.66 3.29 0.00	42.97 2.83 0.00
WATERSIDE____6 8 9 23538	32.82 2.00 0.00	31.78 1.54 0.00	27.24 1.24 0.00	21.06 0.86 0.00	22.87 0.89 0.00	27.36 1.12 0.00	30.32 1.40 0.00	42.89 1.63 -13.78	38.51 1.78 -7.51	44.10 1.89 -9.04	43.25 2.57 0.00	45.29 2.62 0.00	45.81 2.48 0.00	48.50 2.28 0.00	57.15 3.21 4.98	55.14 3.41 0.01	51.53 3.38 0.00	49.02 3.33 -0.25	48.09 2.97 0.01	47.07 2.57 0.00	56.33 2.84 -0.93	56.55 2.70 -0.02	46.02 2.09 -0.57	42.47 2.33 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.76 0.94 0.00	31.03 0.79 0.00	26.64 0.64 0.00	20.66 0.45 0.00	22.45 0.48 0.00	26.80 0.56 0.00	29.48 0.56 0.00	28.06 0.58 0.00	29.81 0.59 0.00	33.73 0.56 0.00	41.31 0.63 0.00	43.34 0.66 0.00	44.03 0.70 0.00	46.92 0.70 0.00	60.01 1.09 0.00	53.05 1.31 0.00	49.51 1.35 0.00	46.62 1.19 0.00	46.10 0.97 0.00	45.51 1.01 0.00	53.95 1.38 0.00	55.50 1.46 -0.21	44.40 1.04 0.00	41.03 0.90 0.00
WATSON__69_KV_BK 1 55734	33.78 2.96 0.00	32.71 2.47 0.00	27.96 1.97 0.00	21.53 1.33 0.00	23.42 1.45 0.00	27.92 1.69 0.00	30.85 1.93 0.00	43.54 2.14 -13.91	38.96 2.17 -7.58	45.51 2.50 -9.84	61.04 4.04 -16.32	66.04 4.25 -19.12	67.14 4.14 -19.66	74.81 4.26 -24.33	92.70 5.90 -27.88	97.97 5.39 -40.85	158.39 5.54 -104.69	160.46 5.30 -109.73	167.22 5.04 -117.05	48.75 4.26 0.00	57.64 5.08 0.00	67.09 5.31 -7.95	63.26 3.98 -15.91	43.84 3.71 0.00
WDELAWARE__HYD 323627	31.75 0.93 0.00	30.85 0.61 0.00	26.46 0.45 0.00	20.46 0.25 0.00	22.24 0.27 0.00	26.58 0.35 0.00	29.39 0.47 0.00	25.31 0.70 2.87	28.24 0.59 1.56	31.12 -0.17 1.88	40.72 0.04 0.00	42.74 0.07 0.00	43.45 0.12 0.00	46.36 0.14 0.00	59.40 0.49 0.00	52.67 0.93 0.00	49.28 1.12 0.00	46.75 1.32 0.00	46.26 1.13 0.00	45.43 0.93 0.00	53.90 1.33 0.00	56.08 2.25 0.00	44.79 1.43 0.00	41.42 1.28 0.00
WEST BABYLON__IC 23714	33.62 2.80 0.00	32.57 2.33 0.00	27.88 1.88 0.00	21.46 1.26 0.00	23.34 1.37 0.00	27.82 1.58 0.00	30.74 1.82 0.00	43.40 2.01 -13.91	38.83 2.03 -7.58	45.34 2.33 -9.83	60.81 3.81 -16.32	65.81 4.02 -19.12	66.96 3.97 -19.66	74.63 4.08 -24.33	88.21 5.64 -23.65	88.36 5.21 -31.41	92.91 5.29 -39.46	79.54 5.09 -29.01	91.75 4.85 -41.77	48.60 4.11 0.00	57.42 4.85 0.00	66.85 5.07 -7.95	63.08 3.80 -15.91	43.66 3.52 0.00

WEST CANADA___HYD 24049	31.22 0.40 0.00	30.55 0.31 0.00	26.26 0.26 0.00	20.38 0.18 0.00	22.18 0.20 0.00	26.47 0.23 0.00	29.15 0.23 0.00	27.72 0.24 0.00	29.50 0.29 0.00	33.50 0.33 0.00	41.13 0.45 0.00	43.10 0.43 0.00	43.76 0.43 0.00	46.61 0.39 0.00	59.47 0.56 0.00	52.31 0.57 0.00	48.71 0.55 0.00	45.94 0.51 0.00	45.58 0.46 0.00	44.95 0.46 0.00	53.16 0.59 0.00	54.63 0.59 -0.21	43.80 0.43 0.00	40.54 0.40 0.00
WESTERN_NY_WIND 24143	33.68 2.86 0.00	32.53 2.29 0.00	27.30 1.30 0.00	21.03 0.83 0.00	22.82 0.84 0.00	27.83 1.59 0.00	30.90 1.98 0.00	29.71 2.23 0.00	32.08 2.87 0.00	36.86 3.68 0.00	44.91 4.23 0.00	46.73 4.06 0.00	47.43 4.09 0.00	50.16 3.94 0.00	63.15 4.23 0.00	56.20 4.47 0.00	51.88 3.73 0.00	48.70 3.27 0.00	48.61 3.47 0.00	48.27 3.78 0.00	56.74 4.18 0.00	57.73 3.91 0.00	47.78 4.42 0.00	43.87 3.73 0.00
WESTOVER___LESR 323668	32.02 1.20 0.00	31.14 0.90 0.00	26.60 0.60 0.00	20.63 0.42 0.00	22.42 0.45 0.00	26.96 0.72 0.00	29.75 0.83 0.00	28.56 1.08 0.00	30.56 1.34 0.00	34.78 1.60 0.00	42.98 2.30 0.00	45.95 2.39 -0.90	46.86 2.21 -1.32	48.73 2.26 -0.25	61.76 2.84 0.00	54.63 2.89 0.00	50.43 2.27 0.00	47.47 2.04 0.00	46.98 1.86 0.00	46.38 1.89 0.00	56.44 2.16 -1.72	57.76 2.06 -1.87	46.40 1.75 -1.29	42.62 1.46 -1.02
WETHRSFD_WT_PWR 323626	32.56 1.74 0.00	31.62 1.38 0.00	26.54 0.54 0.00	20.41 0.20 0.00	22.11 0.13 0.00	26.99 0.76 0.00	29.99 1.07 0.00	29.03 1.55 0.00	30.70 2.13 0.64	35.47 2.81 0.52	44.48 3.80 0.00	46.70 4.02 0.00	47.26 3.93 0.00	49.93 3.71 0.00	63.01 4.10 0.00	55.85 4.11 0.00	51.47 3.31 0.00	48.13 2.69 0.00	47.93 2.81 0.00	47.39 2.90 0.00	55.78 3.21 0.00	56.71 2.88 0.00	46.41 3.05 0.00	42.70 2.56 0.00
WHAVSTOR_138KV_BK127 55557	32.42 1.59 0.00	31.49 1.25 0.00	27.01 1.01 0.00	20.89 0.68 0.00	22.70 0.72 0.00	27.13 0.89 0.00	30.01 1.09 0.00	7.91 1.21 20.79	19.15 1.27 11.33	20.91 1.36 13.62	42.64 1.96 0.00	44.71 2.05 0.00	45.36 2.03 0.00	48.23 2.01 0.00	61.84 2.93 0.00	54.81 3.07 0.00	51.29 3.13 0.00	48.72 3.06 -0.23	47.89 2.77 0.00	46.88 2.39 0.00	55.22 2.65 0.00	56.31 2.48 0.00	45.09 1.73 0.00	41.91 1.77 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.42 1.59 0.00	31.49 1.25 0.00	27.01 1.01 0.00	20.89 0.68 0.00	22.70 0.72 0.00	27.13 0.89 0.00	30.01 1.09 0.00	7.91 1.21 20.79	19.15 1.27 11.33	20.91 1.36 13.62	42.64 1.96 0.00	44.71 2.05 0.00	45.36 2.03 0.00	48.23 2.01 0.00	61.84 2.93 0.00	54.81 3.07 0.00	51.29 3.13 0.00	48.72 3.06 -0.23	47.89 2.77 0.00	46.88 2.39 0.00	55.22 2.65 0.00	56.31 2.48 0.00	45.09 1.73 0.00	41.91 1.77 0.00
WHITEHAL_115KV_TB1 80871	34.56 3.74 0.00	33.19 2.95 0.00	28.65 2.65 0.00	22.21 2.00 0.00	24.16 2.19 0.00	29.12 2.88 0.00	31.98 3.06 0.00	32.50 2.89 -2.12	33.45 3.05 -1.19	37.75 3.13 -1.44	44.42 3.74 0.00	46.78 4.11 0.00	47.81 4.48 0.00	51.17 4.95 0.00	65.87 6.96 0.00	58.37 6.63 0.00	54.20 6.04 0.00	51.62 5.09 -1.10	49.95 4.83 0.00	49.46 4.97 0.00	58.25 5.68 0.00	59.47 5.34 -0.31	47.85 4.48 0.00	44.06 3.92 0.00
WHITEPLN_13_KV_LOAD 356215	33.11 2.30 0.00	32.11 1.87 0.00	27.51 1.51 0.00	21.26 1.05 0.00	23.10 1.12 0.00	27.63 1.39 0.00	30.59 1.67 0.00	44.08 1.89 -14.71	39.28 2.06 -8.02	45.12 2.31 -9.64	43.83 3.15 0.00	46.00 3.33 0.00	46.67 3.34 0.00	49.63 3.41 0.00	63.70 4.78 0.00	56.50 4.76 0.00	52.85 4.69 0.00	50.26 4.57 -0.25	49.31 4.18 0.00	48.20 3.71 0.00	56.68 4.11 0.00	57.81 3.96 -0.03	46.24 2.88 0.00	42.94 2.80 0.00
WM_FLOYD_69_KV_BK2 356380	33.57 2.75 0.00	32.51 2.27 0.00	27.78 1.78 0.00	21.39 1.19 0.00	23.27 1.30 0.00	27.74 1.50 0.00	30.66 1.74 0.00	43.35 1.96 -13.91	38.76 1.96 -7.58	45.28 2.26 -9.84	60.84 3.84 -16.32	65.83 4.04 -19.12	66.85 3.86 -19.66	74.41 3.86 -24.33	97.91 5.42 -33.58	111.58 4.85 -54.99	248.90 5.08 -195.67	269.09 4.93 -218.73	268.28 4.71 -218.44	48.34 3.84 0.00	57.17 4.60 0.00	66.57 4.79 -7.95	62.82 3.54 -15.91	43.55 3.41 0.00
WOODARD___115KV_TB2 355635	31.18 0.36 0.00	30.44 0.20 0.00	26.06 0.06 0.00	20.22 0.01 0.00	21.96 -0.01 0.00	26.29 0.05 0.00	29.01 0.09 0.00	27.68 0.20 0.00	29.51 0.30 0.00	33.62 0.44 0.00	41.50 0.82 0.00	45.25 0.86 -1.72	46.78 0.88 -2.57	47.50 0.78 -0.50	59.84 0.93 0.00	52.80 1.06 0.00	49.06 0.90 0.00	46.25 0.82 0.00	45.94 0.82 0.00	45.32 0.82 0.00	56.88 0.95 -3.35	58.58 0.82 -3.93	46.48 0.59 -2.53	42.52 0.39 -2.00
YORK___WARBASSE 23770	32.92 2.09 0.00	31.88 1.64 0.00	27.30 1.30 0.00	21.09 0.89 0.00	22.90 0.92 0.00	27.39 1.16 0.00	30.37 1.45 0.00	42.97 1.70 -13.78	38.59 1.87 -7.51	44.22 2.01 -9.04	43.42 2.74 0.00	45.49 2.81 0.00	45.95 2.62 0.00	48.52 2.30 0.00	57.90 3.35 4.36	55.29 3.56 0.01	51.70 3.54 0.00	49.15 3.46 -0.25	48.22 3.09 0.01	47.22 2.73 0.00	61.10 3.11 -5.42	69.37 2.97 -12.57	50.36 2.39 -4.61	42.71 2.57 -0.01