

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/29/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.89	23.84	21.36	21.88	22.60	19.90	20.29	26.48	26.84	31.73	33.71	36.98	35.46	33.32	27.75	30.71	31.72	29.52	33.44	41.36	37.57	32.63	35.31	52.86
24138	1.71	1.04	0.68	0.65	0.82	-0.09	0.93	1.50	1.73	2.06	2.32	2.71	2.87	2.81	2.44	2.54	3.09	2.89	3.26	3.72	3.19	2.70	2.72	3.70
	0.00	-6.06	-9.62	-10.66	-8.33	-21.36	-4.84	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-1.02	-4.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.08	23.96	21.43	21.93	22.66	19.90	20.35	26.58	26.92	31.82	33.80	37.07	35.55	33.42	27.87	30.80	31.82	29.63	33.55	41.49	37.75	32.78	35.50	53.15
24260	1.91	1.16	0.76	0.70	0.88	-0.09	1.00	1.60	1.81	2.15	2.41	2.80	2.96	2.91	2.56	2.64	3.20	3.00	3.37	3.86	3.37	2.86	2.91	3.98
	0.00	-6.06	-9.62	-10.66	-8.33	-21.36	-4.84	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-1.02	-4.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.08	23.96	21.43	21.93	22.66	19.90	20.35	26.58	26.92	31.82	33.80	37.07	35.55	33.42	27.87	30.80	31.82	29.63	33.55	41.49	37.75	32.78	35.50	53.15
24261	1.91	1.16	0.76	0.70	0.88	-0.09	1.00	1.60	1.81	2.15	2.41	2.80	2.96	2.91	2.56	2.64	3.20	3.00	3.37	3.86	3.37	2.86	2.91	3.98
	0.00	-6.06	-9.62	-10.66	-8.33	-21.36	-4.84	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-1.02	-4.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.43	26.09	24.74	25.61	25.60	27.02	22.09	26.99	27.21	32.20	33.96	37.18	35.33	32.88	27.39	28.10	30.69	28.51	32.59	40.69	37.41	32.52	35.49	53.22
24011	2.25	1.27	0.85	0.82	1.04	-0.11	1.12	2.01	2.09	2.53	2.56	2.91	2.67	2.37	1.75	1.73	2.07	1.88	2.41	3.05	3.03	2.60	2.90	4.05
	0.00	-8.09	-12.82	-14.22	-11.12	-28.49	-6.46	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	-1.35	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.64	26.19	24.81	25.69	25.68	27.03	22.16	27.18	27.40	32.47	34.29	37.55	35.69	33.14	27.53	28.22	30.87	28.65	32.76	40.97	37.71	32.79	35.80	53.65
23798	2.46	1.36	0.91	0.88	1.12	-0.11	1.19	2.20	2.28	2.80	2.90	3.28	3.02	2.63	1.89	1.85	2.24	2.01	2.58	3.33	3.32	2.86	3.22	4.49
	0.00	-8.09	-12.84	-14.24	-11.12	-28.51	-6.46	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	-1.35	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.43	26.09	24.74	25.61	25.60	27.02	22.09	26.99	27.21	32.20	33.96	37.18	35.33	32.88	27.39	28.10	30.69	28.51	32.59	40.69	37.41	32.52	35.49	53.22
24028	2.25	1.27	0.85	0.82	1.04	-0.11	1.12	2.01	2.09	2.53	2.56	2.91	2.67	2.37	1.75	1.73	2.07	1.88	2.41	3.05	3.03	2.60	2.90	4.05
	0.00	-8.09	-12.82	-14.22	-11.12	-28.49	-6.46	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	-1.35	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	30.78	25.51	24.12	24.94	25.02	25.94	21.68	26.53	26.67	31.51	33.23	36.35	34.67	32.28	26.96	27.77	30.14	27.93	31.73	39.47	36.14	31.41	34.34	51.44
23527	1.61	1.00	0.73	0.70	0.88	-0.09	0.96	1.55	1.56	1.84	1.84	2.09	2.02	1.78	1.36	1.38	1.51	1.29	1.55	1.83	1.76	1.48	1.76	2.27
	0.00	-7.78	-12.34	-13.68	-10.69	-27.40	-6.21	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	-1.30	-2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.14	25.15	23.87	24.71	24.70	26.10	21.31	25.83	25.82	30.25	31.98	34.99	33.42	31.24	26.28	26.99	29.33	27.27	30.93	38.45	35.14	30.54	33.25	49.90
24190	0.97	0.61	0.42	0.40	0.51	-0.05	0.56	0.85	0.70	0.58	0.59	0.72	0.77	0.74	0.68	0.66	0.71	0.63	0.75	0.81	0.75	0.61	0.67	0.73
	0.00	-7.81	-12.39	-13.74	-10.74	-27.52	-6.24	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	-1.31	-2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	28.92	16.51	10.91	10.41	13.25	-1.34	14.29	24.70	24.78	29.20	30.82	33.50	31.57	29.88	23.74	23.10	27.83	25.93	29.35	36.79	33.66	29.34	31.92	48.09
355683	-0.26	-0.23	-0.15	-0.15	-0.19	0.03	-0.22	-0.27	-0.34	-0.47	-0.57	-0.76	-0.81	-0.62	-0.55	-0.66	-0.80	-0.70	-0.83	-0.85	-0.72	-0.58	-0.66	-1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	30.46	25.16	23.71	24.52	24.60	25.49	21.33	26.12	26.22	30.83	32.51	35.50	33.86	31.67	26.58	27.25	29.77	27.67	31.41	39.11	35.76	31.07	33.84	50.83
323833	1.29	0.79	0.53	0.52	0.65	-0.07	0.72	1.15	1.11	1.16	1.12	1.23	1.21	1.16	1.01	1.01	1.14	1.04	1.23	1.47	1.38	1.15	1.25	1.67
	0.00	-7.64	-12.12	-13.44	-10.50	-26.92	-6.10	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	-1.28	-2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	30.44	25.16	23.71	24.52	24.60	25.49	21.32	26.12	26.21	30.82	32.50	35.49	33.85	31.66	26.58	27.24	29.77	27.67	31.41	39.10	35.75	31.07	33.84	50.82
323834	1.27	0.79	0.53	0.51	0.65	-0.07	0.71	1.14	1.10	1.14	1.11	1.22	1.20	1.15	1.01	1.00	1.14	1.04	1.23	1.46	1.37	1.14	1.25	1.66
	0.00	-7.64	-12.12	-13.44	-10.50	-26.92	-6.10	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	-1.28	-2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.14	25.15	23.87	24.71	24.70	26.10	21.31	25.83	25.82	30.25	31.98	34.99	33.42	31.24	26.28	26.99	29.33	27.27	30.93	38.45	35.14	30.54	33.25	49.90
23571	0.97	0.61	0.42	0.40	0.51	-0.05	0.56	0.85	0.70	0.58	0.59	0.72	0.77	0.74	0.68	0.66	0.71	0.63	0.75	0.81	0.75	0.61	0.67	0.73
	0.00	-7.81	-12.39	-13.74	-10.74	-27.52	-6.24	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	-1.31	-2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	30.14 0.97 0.00	25.15 0.61 -7.81	23.87 0.42 -12.39	24.71 0.40 -13.74	24.70 0.51 -10.74	26.10 -0.05 -27.52	21.31 0.56 -6.24	25.83 0.85 0.00	25.82 0.70 0.00	30.25 0.58 0.00	31.98 0.59 0.00	34.99 0.72 0.00	33.42 0.77 -0.27	31.24 0.74 0.00	26.28 0.68 -1.31	26.99 0.66 -2.19	29.33 0.71 0.00	27.27 0.63 0.00	30.93 0.75 0.00	38.45 0.81 0.00	35.14 0.75 0.00	30.54 0.61 0.00	33.25 0.67 0.00	49.90 0.73 0.00
ALBANY___3 23573	30.14 0.97 0.00	25.15 0.61 -7.81	23.87 0.42 -12.39	24.71 0.40 -13.74	24.70 0.51 -10.74	26.10 -0.05 -27.52	21.31 0.56 -6.24	25.83 0.85 0.00	25.82 0.70 0.00	30.25 0.58 0.00	31.98 0.59 0.00	34.99 0.72 0.00	33.42 0.77 -0.27	31.24 0.74 0.00	26.28 0.68 -1.31	26.99 0.66 -2.19	29.33 0.71 0.00	27.27 0.63 0.00	30.93 0.75 0.00	38.45 0.81 0.00	35.14 0.75 0.00	30.54 0.61 0.00	33.25 0.67 0.00	49.90 0.73 0.00
ALBANY___4 23574	30.14 0.97 0.00	25.15 0.61 -7.81	23.87 0.42 -12.39	24.71 0.40 -13.74	24.70 0.51 -10.74	26.10 -0.05 -27.52	21.31 0.56 -6.24	25.83 0.85 0.00	25.82 0.70 0.00	30.25 0.58 0.00	31.98 0.59 0.00	34.99 0.72 0.00	33.42 0.77 -0.27	31.24 0.74 0.00	26.28 0.68 -1.31	26.99 0.66 -2.19	29.33 0.71 0.00	27.27 0.63 0.00	30.93 0.75 0.00	38.45 0.81 0.00	35.14 0.75 0.00	30.54 0.61 0.00	33.25 0.67 0.00	49.90 0.73 0.00
ALBANY___LFGE 323615	30.37 1.20 0.00	25.35 0.73 -7.89	24.07 0.50 -12.51	24.92 0.48 -13.87	24.89 0.60 -10.84	26.36 -0.06 -27.78	21.47 0.66 -6.30	26.02 1.04 0.00	26.05 0.93 0.00	30.57 0.90 0.00	32.34 0.94 0.00	35.38 1.11 0.00	33.80 1.15 -0.28	31.58 1.08 0.00	26.55 0.93 -1.32	27.26 0.92 -2.21	29.65 1.02 0.00	27.57 0.94 0.00	31.27 1.10 0.00	38.89 1.25 0.00	35.54 1.16 0.00	30.89 0.96 0.00	33.63 1.05 0.00	50.46 1.29 0.00
ALCOA_PA_115KV_PL-6C 55860	29.03 -0.15 0.00	16.56 -0.17 0.00	10.94 -0.12 0.00	10.44 -0.13 0.00	13.29 -0.15 0.00	-1.35 0.02 0.00	14.34 -0.18 0.00	24.78 -0.19 0.00	24.87 -0.25 0.00	29.30 -0.37 0.00	30.92 -0.47 0.00	33.61 -0.66 0.00	31.66 -0.72 0.00	29.97 -0.53 0.00	23.80 -0.49 0.00	22.85 -0.78 0.51	27.70 -0.93 0.00	25.81 -0.82 0.00	29.23 -0.95 0.00	36.64 -1.00 0.00	33.55 -0.84 0.00	29.25 -0.68 0.00	31.81 -0.78 0.00	47.91 -1.26 0.00
ALCOA_RYNLDS___DRP 24188	29.03 -0.15 0.00	16.56 -0.17 0.00	10.94 -0.12 0.00	10.44 -0.13 0.00	13.29 -0.15 0.00	-1.35 0.02 0.00	14.34 -0.18 0.00	24.78 -0.19 0.00	24.87 -0.25 0.00	29.30 -0.37 0.00	30.92 -0.47 0.00	33.61 -0.66 0.00	31.66 -0.72 0.00	29.97 -0.53 0.00	23.80 -0.49 0.00	22.85 -0.78 0.51	27.70 -0.93 0.00	25.81 -0.82 0.00	29.23 -0.95 0.00	36.64 -1.00 0.00	33.55 -0.84 0.00	29.25 -0.68 0.00	31.81 -0.78 0.00	47.91 -1.26 0.00
ALCOA___DSASP 323711	29.03 -0.14 0.00	16.56 -0.17 0.00	10.94 -0.12 0.00	10.44 -0.13 0.00	13.29 -0.15 0.00	-1.35 0.02 0.00	14.34 -0.18 0.00	24.78 -0.19 0.00	24.87 -0.25 0.00	29.30 -0.37 0.00	30.92 -0.47 0.00	33.61 -0.66 0.00	31.66 -0.72 0.00	29.97 -0.53 0.00	23.80 -0.49 0.00	22.85 -0.78 0.51	27.70 -0.93 0.00	25.81 -0.82 0.00	29.23 -0.95 0.00	36.64 -1.00 0.00	33.55 -0.84 0.00	29.25 -0.68 0.00	31.81 -0.77 0.00	47.91 -1.26 0.00
ALLEGHENY___COGEN 23514	23.31 -0.22 5.64	17.55 -0.14 -0.96	12.40 -0.18 -1.53	12.09 -0.16 -1.69	14.48 -0.29 -1.32	2.04 0.01 -3.39	15.13 -0.15 -0.77	24.57 -0.41 0.00	24.85 -0.26 0.00	29.62 -0.05 0.00	31.43 0.04 0.00	38.10 0.05 -3.79	48.87 -0.13 -16.62	72.71 -0.51 -42.72	24.96 -0.71 -1.38	23.92 -0.44 -0.22	28.49 -0.14 0.00	26.27 -0.37 0.00	29.99 -0.18 0.00	37.79 0.15 0.00	34.81 0.43 0.00	30.42 0.50 0.00	33.21 0.63 0.00	49.97 0.80 0.00
ALTAMONT_115KV_TB 2 55880	30.09 0.92 0.00	25.11 0.57 -7.81	23.84 0.38 -12.39	24.68 0.37 -13.74	24.65 0.46 -10.74	26.11 -0.05 -27.52	21.26 0.50 -6.24	25.79 0.81 0.00	25.92 0.81 0.00	30.55 0.88 0.00	32.31 0.92 0.00	35.34 1.07 0.00	33.74 1.09 -0.27	31.54 1.03 0.00	26.48 0.88 -1.31	27.20 0.89 -2.17	29.66 1.03 0.00	27.58 0.94 0.00	31.28 1.10 0.00	38.90 1.26 0.00	35.54 1.15 0.00	30.88 0.96 0.00	33.63 1.04 0.00	50.52 1.36 0.00
ALTONA_WT_PWR 323606	29.31 0.13 0.00	16.59 -0.14 0.00	10.88 -0.18 0.00	10.33 -0.24 0.00	13.11 -0.33 0.00	-1.31 0.05 0.00	13.92 -0.60 0.00	24.24 -0.74 0.00	24.38 -0.74 0.00	28.80 -0.87 0.00	30.51 -0.88 0.00	33.24 -1.03 0.00	31.17 -1.21 0.00	29.56 -0.95 0.00	23.23 -1.06 0.00	22.41 -1.33 0.40	26.91 -1.72 0.00	25.12 -1.52 0.00	28.64 -1.54 0.00	36.09 -1.55 0.00	33.10 -1.28 0.00	29.00 -0.93 0.00	31.58 -1.00 0.00	47.54 -1.63 0.00
AMERICAN_REF_FUEL 24010	23.66 -1.98 3.54	16.43 -1.15 -0.85	11.56 -0.84 -1.34	11.27 -0.79 -1.49	13.51 -1.10 -1.16	1.71 0.09 -2.99	14.18 -1.01 -0.68	22.90 -2.08 0.00	23.03 -2.09 0.00	27.68 -2.00 0.00	29.25 -2.14 0.00	31.03 -2.36 0.88	26.46 -2.18 3.75	18.81 -2.25 9.44	22.09 -2.09 0.11	22.54 -1.80 -0.20	26.65 -1.99 0.00	24.54 -2.09 0.00	27.78 -2.40 0.00	34.81 -2.83 0.00	31.66 -2.72 0.00	27.67 -2.25 0.00	30.33 -2.26 0.00	45.83 -3.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.52 -2.18 4.47	16.65 -1.04 -0.96	11.77 -0.81 -1.52	11.51 -0.74 -1.69	13.70 -1.06 -1.32	2.11 0.10 -3.38	14.32 -0.96 -0.77	23.15 -1.83 0.00	23.31 -1.80 0.00	28.01 -1.67 0.00	29.78 -1.61 0.00	31.62 -1.78 0.86	26.99 -1.73 3.66	19.40 -1.94 9.17	22.36 -1.84 0.09	22.82 -1.54 -0.22	27.28 -1.35 0.00	25.28 -1.36 0.00	28.84 -1.33 0.00	36.46 -1.17 0.00	33.04 -1.34 0.00	28.73 -1.20 0.00	31.45 -1.14 0.00	47.50 -1.66 0.00
ARTHUR KILL_GT_1 23520	30.96 1.79 0.00	23.89 1.09 -6.06	21.38 0.70 -9.62	21.90 0.67 -10.66	22.63 0.84 -8.34	19.90 -0.09 -21.36	20.31 0.95 -4.85	26.47 1.50 0.00	26.82 1.70 0.00	31.65 1.98 0.00	33.59 2.20 0.00	36.81 2.55 0.00	35.29 2.70 -0.21	33.26 2.75 0.00	27.78 2.46 -1.02	30.69 2.52 -4.03	31.69 3.06 0.00	29.45 2.81 0.00	33.34 3.15 -0.01	41.22 3.58 -0.01	37.52 3.13 -0.01	32.61 2.67 -0.01	35.30 2.70 -0.01	52.72 3.55 0.00
ARTHUR_KILL_2 23512	30.87 1.70 0.00	23.84 1.04 -6.06	21.35 0.67 -9.62	21.87 0.63 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.26 0.91 -4.85	26.40 1.42 0.00	26.74 1.63 0.00	31.56 1.89 0.00	33.50 2.11 0.00	36.70 2.43 0.00	35.19 2.60 -0.21	33.15 2.65 0.00	27.68 2.37 -1.02	30.60 2.43 -4.03	31.57 2.94 0.00	29.34 2.70 0.00	33.21 3.02 -0.01	41.07 3.42 -0.01	37.37 2.97 -0.01	32.47 2.54 -0.01	35.16 2.56 -0.01	52.53 3.36 0.00
ARTHUR_KILL_3 23513	30.69 1.51 0.00	23.72 0.92 -6.06	21.27 0.60 -9.62	21.80 0.57 -10.66	22.50 0.72 -8.33	19.91 -0.08 -21.36	20.17 0.81 -4.84	26.25 1.28 0.00	26.59 1.48 0.00	31.37 1.70 0.00	33.33 1.93 0.00	36.55 2.29 0.00	35.08 2.48 -0.21	33.00 2.49 0.00	27.52 2.21 -1.02	30.47 2.30 -4.03	31.45 2.82 0.00	29.31 2.67 0.00	33.19 3.01 0.00	41.04 3.40 0.00	37.32 2.93 0.00	32.43 2.49 0.00	35.09 2.50 0.00	52.54 3.37 0.00

ARTHUR_KILL_COGEN 323718	30.96 1.79 0.00	23.89 1.09 -6.06	21.38 0.70 -9.62	21.90 0.67 -10.66	22.63 0.84 -8.34	19.90 -0.09 -21.36	20.31 0.95 -4.85	26.47 1.50 0.00	26.82 1.70 0.00	31.65 1.98 0.00	33.59 2.20 0.00	36.81 2.55 0.00	35.29 2.70 -0.21	33.26 2.75 0.00	27.78 2.46 -1.02	30.69 2.52 -4.03	31.69 3.06 0.00	29.45 2.81 0.00	33.34 3.15 -0.01	41.22 3.58 -0.01	37.52 3.13 -0.01	32.61 2.67 -0.01	35.30 2.70 -0.01	52.72 3.55 0.00
ASHOKAN____ 23654	31.06 1.88 0.00	24.74 1.08 -6.93	22.72 0.67 -10.99	23.39 0.64 -12.19	23.77 0.80 -9.52	22.97 -0.08 -24.41	20.96 0.92 -5.53	26.59 1.62 0.00	26.81 1.70 0.00	31.68 2.00 0.00	33.53 2.14 0.00	36.65 2.39 0.00	34.94 2.32 -0.24	32.79 2.29 0.00	27.17 1.71 -1.16	27.63 1.94 -1.56	31.01 2.38 0.00	28.82 2.19 0.00	32.68 2.51 0.00	40.61 2.97 0.00	37.10 2.72 0.00	32.16 2.23 0.00	34.92 2.33 0.00	52.32 3.15 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.90 1.72 0.00	23.85 1.05 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.38 1.40 0.00	26.77 1.65 0.00	31.55 1.88 0.00	33.48 2.09 0.00	36.69 2.42 0.00	35.16 2.57 -0.21	33.14 2.63 0.00	27.68 2.36 -1.02	30.61 2.44 -4.03	31.53 2.90 0.00	29.38 2.75 0.00	33.24 3.06 0.00	41.13 3.49 0.00	37.42 3.03 0.00	32.52 2.59 0.00	35.20 2.62 0.00	52.60 3.43 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.90 1.72 0.00	23.85 1.05 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.38 1.40 0.00	26.77 1.65 0.00	31.55 1.88 0.00	33.48 2.09 0.00	36.69 2.42 0.00	35.16 2.57 -0.21	33.14 2.63 0.00	27.68 2.36 -1.02	30.61 2.44 -4.03	31.53 2.90 0.00	29.38 2.75 0.00	33.24 3.06 0.00	41.13 3.49 0.00	37.42 3.03 0.00	32.52 2.59 0.00	35.20 2.62 0.00	52.60 3.43 0.00
ASTORIA_GT2_1 24094	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT2_2 24095	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT2_3 24096	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT2_4 24097	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT3_1 24098	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT3_2 24099	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT3_3 24100	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT3_4 24101	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT4_1 24102	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT4_2 24103	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT4_3 24104	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00

ASTORIA_GT4_4 24105	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.16 2.66 0.00	27.69 2.37 -1.02	30.62 2.46 -4.03	31.55 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.59 0.00	35.21 2.63 0.00	52.62 3.45 0.00
ASTORIA_GT_1 23523	30.97 1.79 0.00	23.88 1.08 -6.06	21.37 0.69 -9.62	21.89 0.66 -10.66	22.62 0.84 -8.34	19.90 -0.09 -21.36	20.30 0.94 -4.85	26.44 1.46 0.00	26.83 1.72 0.00	31.62 1.95 0.00	33.58 2.19 0.00	36.78 2.52 0.00	35.26 2.67 -0.21	33.23 2.72 0.00	27.74 2.43 -1.02	30.68 2.51 -4.03	31.61 2.99 0.00	29.46 2.82 0.00	33.33 3.15 0.00	41.24 3.60 0.00	37.51 3.13 0.00	32.59 2.67 0.00	35.29 2.70 0.00	52.73 3.57 0.00
ASTORIA_GT_10 24110	30.85 1.68 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.75 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.19 2.69 0.00	27.68 2.37 -1.02	30.61 2.45 -4.03	31.59 2.97 0.00	29.42 2.78 0.00	33.29 3.11 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.55 2.63 0.00	35.25 2.66 0.00	52.75 3.58 0.00
ASTORIA_GT_11 24225	30.85 1.68 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.75 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.19 2.69 0.00	27.68 2.37 -1.02	30.61 2.45 -4.03	31.59 2.97 0.00	29.42 2.78 0.00	33.29 3.11 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.55 2.63 0.00	35.25 2.66 0.00	52.75 3.58 0.00
ASTORIA_GT_12 24226	30.85 1.68 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.75 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.19 2.69 0.00	27.68 2.37 -1.02	30.61 2.45 -4.03	31.59 2.97 0.00	29.42 2.78 0.00	33.29 3.11 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.55 2.63 0.00	35.25 2.66 0.00	52.75 3.58 0.00
ASTORIA_GT_13 24227	30.85 1.68 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.75 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.19 2.69 0.00	27.68 2.37 -1.02	30.61 2.45 -4.03	31.59 2.97 0.00	29.42 2.78 0.00	33.29 3.11 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.55 2.63 0.00	35.25 2.66 0.00	52.75 3.58 0.00
ASTORIA_GT_5 24106	30.96 1.79 0.00	23.88 1.08 -6.06	21.37 0.69 -9.62	21.89 0.66 -10.66	22.62 0.84 -8.34	19.90 -0.09 -21.36	20.30 0.94 -4.85	26.43 1.46 0.00	26.84 1.73 0.00	31.63 1.96 0.00	33.59 2.20 0.00	36.78 2.52 0.00	35.26 2.66 -0.21	33.23 2.72 0.00	27.75 2.43 -1.02	30.68 2.51 -4.03	31.62 2.99 0.00	29.46 2.82 0.00	33.32 3.15 0.00	41.24 3.60 0.00	37.51 3.13 0.00	32.58 2.66 0.00	35.29 2.70 0.00	52.73 3.57 0.00
ASTORIA_GT_7 24107	30.96 1.79 0.00	23.88 1.08 -6.06	21.37 0.69 -9.62	21.89 0.66 -10.66	22.62 0.84 -8.34	19.90 -0.09 -21.36	20.30 0.94 -4.85	26.43 1.46 0.00	26.84 1.73 0.00	31.63 1.96 0.00	33.59 2.20 0.00	36.78 2.52 0.00	35.26 2.66 -0.21	33.23 2.72 0.00	27.75 2.43 -1.02	30.68 2.51 -4.03	31.62 2.99 0.00	29.46 2.82 0.00	33.32 3.15 0.00	41.24 3.60 0.00	37.51 3.13 0.00	32.58 2.66 0.00	35.29 2.70 0.00	52.73 3.57 0.00
ASTORIA_GT_8 24108	30.96 1.79 0.00	23.88 1.08 -6.06	21.37 0.69 -9.62	21.89 0.66 -10.66	22.62 0.84 -8.34	19.90 -0.09 -21.36	20.30 0.94 -4.85	26.43 1.46 0.00	26.84 1.73 0.00	31.63 1.96 0.00	33.59 2.20 0.00	36.78 2.52 0.00	35.26 2.66 -0.21	33.23 2.72 0.00	27.75 2.43 -1.02	30.68 2.51 -4.03	31.62 2.99 0.00	29.46 2.82 0.00	33.32 3.15 0.00	41.24 3.60 0.00	37.51 3.13 0.00	32.58 2.66 0.00	35.29 2.70 0.00	52.73 3.57 0.00
ASTORIA___2 24149	30.91 1.73 0.00	23.85 1.06 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.60 0.82 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.40 1.42 0.00	26.79 1.68 0.00	31.56 1.90 0.00	33.51 2.12 0.00	36.71 2.44 0.00	35.19 2.59 -0.21	33.15 2.65 0.00	27.69 2.38 -1.02	30.62 2.46 -4.03	31.54 2.92 0.00	29.39 2.75 0.00	33.25 3.07 0.00	41.16 3.52 0.00	37.43 3.05 0.00	32.52 2.60 0.00	35.21 2.63 0.00	52.63 3.46 0.00
ASTORIA___3 23516	30.85 1.67 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.76 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.17 2.67 0.00	27.68 2.37 -1.02	30.61 2.44 -4.03	31.59 2.96 0.00	29.42 2.78 0.00	33.30 3.12 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.56 2.64 0.00	35.25 2.66 0.00	52.75 3.58 0.00
ASTORIA___4 23517	30.85 1.68 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.75 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.19 2.69 0.00	27.68 2.37 -1.02	30.61 2.45 -4.03	31.59 2.97 0.00	29.42 2.78 0.00	33.29 3.11 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.55 2.63 0.00	35.25 2.66 0.00	52.75 3.58 0.00
ASTORIA___5 23518	30.85 1.67 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.76 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.17 2.67 0.00	27.68 2.37 -1.02	30.61 2.45 -4.03	31.59 2.96 0.00	29.42 2.78 0.00	33.30 3.12 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.56 2.64 0.00	35.25 2.66 0.00	52.75 3.58 0.00
AST_ENERGY_2_CC3 323677	30.70 1.53 0.00	23.75 0.96 -6.06	21.30 0.62 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.21 0.86 -4.84	26.32 1.34 0.00	26.64 1.53 0.00	31.47 1.80 0.00	33.42 2.03 0.00	36.65 2.39 0.00	35.15 2.56 -0.21	33.05 2.54 0.00	27.56 2.25 -1.02	30.51 2.35 -4.03	31.49 2.86 0.00	29.32 2.69 0.00	33.20 3.03 0.00	41.08 3.44 0.00	37.33 2.95 0.00	32.43 2.50 0.00	35.11 2.52 0.00	52.57 3.40 0.00
AST_ENERGY_2_CC4 323678	30.70 1.53 0.00	23.75 0.96 -6.06	21.30 0.62 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.21 0.86 -4.84	26.32 1.34 0.00	26.64 1.53 0.00	31.47 1.80 0.00	33.42 2.03 0.00	36.65 2.39 0.00	35.15 2.56 -0.21	33.05 2.54 0.00	27.56 2.25 -1.02	30.51 2.35 -4.03	31.49 2.86 0.00	29.32 2.69 0.00	33.20 3.03 0.00	41.08 3.44 0.00	37.33 2.95 0.00	32.43 2.50 0.00	35.11 2.52 0.00	52.57 3.40 0.00

ATHENS_STG_1 23668	30.15 0.98 0.00	24.23 0.60 -6.89	22.39 0.40 -10.93	23.07 0.39 -12.12	23.40 0.48 -9.47	22.85 -0.05 -24.27	20.55 0.54 -5.50	25.83 0.85 0.00	26.05 0.93 0.00	30.74 1.07 0.00	32.56 1.17 0.00	35.63 1.36 0.00	34.04 1.42 -0.24	31.88 1.37 0.00	26.62 1.18 -1.15	27.48 1.22 -2.12	30.09 1.46 0.00	27.98 1.35 0.00	31.73 1.55 0.00	39.40 1.76 0.00	35.93 1.55 0.00	31.22 1.30 0.00	33.95 1.36 0.00	50.97 1.80 0.00
ATHENS_STG_2 23670	30.15 0.98 0.00	24.23 0.60 -6.89	22.39 0.40 -10.93	23.07 0.39 -12.12	23.40 0.48 -9.47	22.85 -0.05 -24.27	20.55 0.54 -5.50	25.83 0.85 0.00	26.05 0.93 0.00	30.74 1.07 0.00	32.56 1.17 0.00	35.63 1.36 0.00	34.04 1.42 -0.24	31.88 1.37 0.00	26.62 1.18 -1.15	27.48 1.22 -2.12	30.09 1.46 0.00	27.98 1.35 0.00	31.73 1.55 0.00	39.40 1.76 0.00	35.93 1.55 0.00	31.22 1.30 0.00	33.95 1.36 0.00	50.97 1.80 0.00
ATHENS_STG_3 23677	30.15 0.98 0.00	24.23 0.60 -6.89	22.39 0.40 -10.93	23.07 0.39 -12.12	23.40 0.48 -9.47	22.85 -0.05 -24.27	20.55 0.54 -5.50	25.83 0.85 0.00	26.05 0.93 0.00	30.74 1.07 0.00	32.56 1.17 0.00	35.63 1.36 0.00	34.04 1.42 -0.24	31.88 1.37 0.00	26.62 1.18 -1.15	27.48 1.22 -2.12	30.09 1.46 0.00	27.98 1.35 0.00	31.73 1.55 0.00	39.40 1.76 0.00	35.93 1.55 0.00	31.22 1.30 0.00	33.95 1.36 0.00	50.97 1.80 0.00
AUBURN___LFGE 323710	30.65 -0.14 -1.61	17.45 0.02 -0.70	12.16 -0.01 -1.11	11.79 -0.01 -1.24	14.35 -0.06 -0.97	1.11 0.00 -2.47	15.08 0.00 -0.56	24.96 -0.02 0.00	25.13 0.02 0.00	29.77 0.10 0.00	31.65 0.26 0.00	34.59 0.17 -0.15	33.28 0.22 -0.68	31.36 0.09 -0.76	24.42 0.01 -0.12	24.35 0.06 -0.15	28.78 0.15 0.00	26.67 0.03 0.00	30.37 0.19 0.00	37.87 0.22 0.00	34.59 0.12 -0.08	30.12 0.20 0.00	32.76 0.17 0.00	49.71 0.55 0.00
BABYLON_RES_REC 323704	31.23 2.06 0.00	25.24 1.26 -7.24	22.88 0.83 -10.99	36.04 0.80 -24.68	38.83 1.00 -24.38	38.76 -0.11 -40.23	37.89 1.12 -22.26	26.74 1.76 0.00	32.15 1.97 -5.06	38.55 2.33 -6.55	36.34 2.40 -2.55	37.04 2.77 0.00	35.50 2.91 -0.21	35.11 2.95 -1.66	32.15 2.46 -5.40	48.60 2.43 -22.03	51.58 2.97 -19.99	29.37 2.74 0.00	33.63 3.46 0.00	41.54 3.90 0.00	37.78 3.40 0.00	32.80 2.88 0.00	35.49 2.91 0.00	53.05 3.89 0.00
BABYLON__69_KV_BK2 356345	31.53 2.35 0.00	25.42 1.44 -7.24	23.00 0.94 -10.99	36.15 0.91 -24.67	38.97 1.15 -24.38	38.75 -0.12 -40.23	38.04 1.27 -22.26	27.00 2.02 0.00	32.42 2.25 -5.06	38.88 2.66 -6.55	36.89 2.95 -2.55	37.46 3.20 0.00	35.90 3.31 -0.21	35.54 3.38 -1.66	32.62 2.92 -5.40	49.14 2.97 -22.03	52.24 3.63 -19.98	29.93 3.29 0.00	34.03 3.85 0.00	42.02 4.38 0.00	38.21 3.82 0.00	33.15 3.22 0.00	35.87 3.28 0.00	53.56 4.40 0.00
BALL_HILL_WT_PWR 323825	23.30 -1.70 4.17	16.85 -0.81 -0.93	11.90 -0.63 -1.47	11.62 -0.58 -1.63	13.88 -0.84 -1.28	1.98 0.07 -3.27	14.49 -0.76 -0.74	23.46 -1.51 0.00	23.62 -1.50 0.00	28.38 -1.29 0.00	30.14 -1.25 0.00	31.77 -1.37 1.14	26.16 -1.35 4.87	16.71 -1.51 12.28	22.64 -1.47 0.18	23.16 -1.20 -0.22	27.48 -1.15 0.00	25.39 -1.24 0.00	28.89 -1.29 0.00	36.32 -1.32 0.00	33.03 -1.36 0.00	28.78 -1.15 0.00	31.47 -1.11 0.00	47.56 -1.61 0.00
BARON_WINDS___WT_PWR 323822	20.16 -1.70 7.31	17.12 -0.86 -1.26	12.38 -0.68 -2.00	12.14 -0.63 -2.21	14.30 -0.87 -1.73	3.15 0.08 -4.43	14.72 -0.80 -1.01	23.50 -1.48 0.00	23.68 -1.43 0.00	28.23 -1.44 0.00	29.96 -1.43 0.00	26.62 -1.42 6.23	3.87 -1.36 27.15	-40.01 -1.45 69.06	21.23 -1.32 1.74	23.39 -1.04 -0.28	27.76 -0.87 0.00	25.62 -1.01 0.00	29.05 -1.12 0.01	36.51 -1.13 0.00	33.30 -1.11 -0.02	28.85 -1.07 0.00	31.53 -1.06 0.00	47.59 -1.58 0.00
BARRETT_IC_1 23704	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_10 23701	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_11 23702	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_12 23703	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_2 23705	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_3 23706	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_4 23707	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00

BARRETT_IC_5 23708	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_6 23709	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_7 23710	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.67	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.41 2.18 -6.55	36.41 2.47 -2.55	36.99 2.72 0.00	35.44 2.85 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.98	29.51 2.87 0.00	33.44 3.26 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.97 3.80 0.00
BARRETT_IC_8 23711	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT_IC_9 23700	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT___1 23545	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BARRETT___2 23546	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.74 0.92 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.63 0.00	31.99 1.81 -5.06	38.40 2.18 -6.55	36.41 2.46 -2.55	36.99 2.72 0.00	35.43 2.84 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.76 2.59 -22.03	51.73 3.11 -19.99	29.50 2.87 0.00	33.45 3.27 0.00	41.34 3.70 0.00	37.57 3.19 0.00	32.63 2.71 0.00	35.34 2.75 0.00	52.96 3.80 0.00
BATAVIA__115KV_TB1 55881	25.58 -0.61 2.98	17.14 -0.37 -0.77	11.96 -0.33 -1.23	11.63 -0.30 -1.36	14.03 -0.48 -1.06	1.39 0.03 -2.72	14.79 -0.34 -0.62	24.15 -0.83 0.00	24.38 -0.74 0.00	29.23 -0.44 0.00	31.08 -0.31 0.00	33.33 -0.35 0.59	29.49 -0.39 2.50	23.59 -0.63 6.28	23.51 -0.74 0.04	23.91 -0.41 -0.18	28.28 -0.35 0.00	26.10 -0.53 0.00	29.63 -0.55 0.00	37.10 -0.54 0.00	33.84 -0.54 0.00	29.57 -0.35 0.00	32.29 -0.30 0.00	48.68 -0.48 0.00
BAYONEEC___CTG1 323682	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BAYONEEC___CTG10 323750	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BAYONEEC___CTG2 323683	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BAYONEEC___CTG3 323684	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BAYONEEC___CTG4 323685	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BAYONEEC___CTG5 323686	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BAYONEEC___CTG6 323687	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00

BAYONEEC___CTG7 323688	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BAYONEEC___CTG8 323689	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BAYONEEC___CTG9 323749	30.75 1.58 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.34 1.36 0.00	26.68 1.57 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.20 2.61 -0.21	33.10 2.59 0.00	27.60 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.38 2.74 0.00	33.26 3.09 0.00	41.15 3.51 0.00	37.40 3.01 0.00	32.49 2.56 0.00	35.17 2.58 0.00	52.67 3.50 0.00
BEACON___LESR 323632	30.41 1.24 0.00	25.28 0.74 -7.80	23.95 0.51 -12.37	24.78 0.49 -13.73	24.79 0.61 -10.72	26.06 -0.06 -27.48	21.43 0.69 -6.23	26.10 1.12 0.00	26.09 0.98 0.00	30.74 1.07 0.00	32.50 1.11 0.00	35.56 1.29 0.00	33.96 1.30 -0.27	31.78 1.28 0.00	26.71 1.11 -1.31	27.46 1.13 -2.19	29.89 1.26 0.00	27.77 1.13 0.00	31.54 1.35 0.00	39.26 1.62 0.00	35.84 1.46 0.00	31.14 1.21 0.00	33.85 1.26 0.00	50.77 1.61 0.00
BEAVER RIVER___HYD 24048	28.66 -0.51 0.00	16.51 -0.42 -0.20	10.90 -0.47 -0.31	10.52 -0.39 -0.35	13.41 -0.30 -0.27	-0.66 0.02 -0.69	14.13 -0.54 -0.16	24.04 -0.94 0.00	24.31 -0.80 0.00	28.86 -0.82 0.00	30.50 -0.89 0.00	33.20 -1.07 0.00	31.17 -1.22 -0.01	29.29 -1.21 0.00	23.33 -0.99 -0.03	18.91 -1.17 4.07	27.31 -1.32 0.00	25.51 -1.13 0.00	29.08 -1.10 0.00	36.20 -1.44 0.00	33.51 -0.93 -0.05	29.09 -0.83 0.00	31.52 -1.07 0.00	47.45 -1.72 0.00
BEEBEE_GT_13 23619	26.33 -0.69 2.16	17.00 -0.40 -0.66	11.81 -0.31 -1.05	11.45 -0.28 -1.17	13.93 -0.43 -0.91	1.01 0.03 -2.34	14.68 -0.36 -0.53	24.19 -0.79 0.00	24.40 -0.71 0.00	29.18 -0.49 0.00	30.99 -0.40 0.00	33.80 -0.47 0.00	31.83 -0.58 -0.02	29.72 -0.78 0.00	23.70 -0.70 -0.11	23.78 -0.51 -0.15	28.13 -0.50 0.00	26.03 -0.60 0.00	29.58 -0.60 0.00	37.02 -0.62 0.00	33.73 -0.65 0.00	29.44 -0.49 0.00	32.12 -0.46 0.00	48.51 -0.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.19 2.01 0.00	24.00 1.21 -6.06	21.46 0.78 -9.62	21.97 0.74 -10.66	22.72 0.94 -8.34	19.89 -0.10 -21.36	20.41 1.06 -4.85	26.66 1.68 0.00	27.03 1.91 0.00	31.94 2.27 0.00	33.90 2.51 0.00	37.17 2.91 0.00	35.65 3.05 -0.21	33.56 3.06 0.00	28.00 2.68 -1.02	30.93 2.76 -4.03	31.97 3.35 0.00	29.75 3.12 0.00	33.67 3.48 -0.01	41.67 4.02 -0.01	37.89 3.50 -0.01	32.92 2.98 -0.01	35.65 3.05 -0.01	53.29 4.13 0.00
BETHLEHEM___GRP 23843	30.14 0.97 0.00	25.15 0.61 -7.81	23.87 0.42 -12.39	24.71 0.40 -13.74	24.70 0.51 -10.74	26.10 -0.05 -27.52	21.31 0.56 -6.24	25.83 0.85 0.00	25.82 0.70 0.00	30.25 0.58 0.00	31.98 0.59 0.00	34.99 0.72 0.00	33.42 0.77 -0.27	31.24 0.74 0.00	26.28 0.68 -1.31	26.99 0.66 -2.19	29.33 0.71 0.00	27.27 0.63 0.00	30.93 0.75 0.00	38.45 0.81 0.00	35.14 0.75 0.00	30.54 0.61 0.00	33.25 0.67 0.00	49.90 0.73 0.00
BETHLEHEM___GS1 323560	30.14 0.97 0.00	25.15 0.61 -7.81	23.87 0.42 -12.39	24.71 0.40 -13.74	24.69 0.51 -10.74	26.10 -0.05 -27.52	21.31 0.56 -6.24	25.83 0.85 0.00	25.82 0.70 0.00	30.25 0.58 0.00	31.98 0.59 0.00	34.99 0.72 0.00	33.42 0.77 -0.27	31.24 0.74 0.00	26.28 0.68 -1.31	26.98 0.65 -2.19	29.33 0.70 0.00	27.27 0.63 0.00	30.94 0.76 0.00	38.45 0.81 0.00	35.14 0.75 0.00	30.53 0.61 0.00	33.25 0.66 0.00	49.90 0.73 0.00
BETHLEHEM___GS2 323561	30.14 0.97 0.00	25.15 0.61 -7.81	23.87 0.42 -12.39	24.71 0.40 -13.74	24.69 0.51 -10.74	26.10 -0.05 -27.52	21.31 0.56 -6.24	25.83 0.85 0.00	25.82 0.70 0.00	30.25 0.58 0.00	31.98 0.59 0.00	34.99 0.72 0.00	33.42 0.77 -0.27	31.24 0.74 0.00	26.28 0.68 -1.31	26.98 0.65 -2.19	29.33 0.70 0.00	27.27 0.63 0.00	30.94 0.76 0.00	38.45 0.81 0.00	35.14 0.75 0.00	30.53 0.61 0.00	33.25 0.66 0.00	49.90 0.73 0.00
BETHLEHEM___GS3 323562	30.14 0.97 0.00	25.15 0.61 -7.81	23.87 0.42 -12.39	24.71 0.40 -13.74	24.69 0.51 -10.74	26.10 -0.05 -27.52	21.31 0.56 -6.24	25.83 0.85 0.00	25.82 0.70 0.00	30.25 0.58 0.00	31.98 0.59 0.00	34.99 0.72 0.00	33.42 0.77 -0.27	31.24 0.74 0.00	26.28 0.68 -1.31	26.98 0.65 -2.19	29.33 0.70 0.00	27.27 0.63 0.00	30.94 0.76 0.00	38.45 0.81 0.00	35.14 0.75 0.00	30.53 0.61 0.00	33.25 0.66 0.00	49.90 0.73 0.00
BETHLEHEM___STEEL 23779	23.63 -1.48 4.06	16.87 -0.77 -0.91	11.91 -0.60 -1.45	11.62 -0.55 -1.61	13.88 -0.82 -1.25	1.91 0.06 -3.21	14.53 -0.72 -0.73	23.48 -1.50 0.00	23.64 -1.47 0.00	28.40 -1.27 0.00	30.17 -1.22 0.00	31.83 -1.33 1.11	26.28 -1.34 4.76	16.96 -1.54 12.01	22.67 -1.45 0.18	23.19 -1.17 -0.21	27.45 -1.18 0.00	25.31 -1.33 0.00	28.80 -1.38 0.00	36.16 -1.48 0.00	32.89 -1.50 0.00	28.72 -1.20 0.00	31.41 -1.17 0.00	47.42 -1.75 0.00
BETHLHEM_115KV_TB1 79974	30.13 0.96 0.00	25.14 0.60 -7.81	23.85 0.41 -12.38	24.69 0.39 -13.73	24.67 0.50 -10.73	26.08 -0.05 -27.50	21.29 0.55 -6.24	25.82 0.84 0.00	25.84 0.72 0.00	30.31 0.63 0.00	32.05 0.66 0.00	35.06 0.79 0.00	33.49 0.84 -0.27	31.30 0.80 0.00	26.32 0.72 -1.31	27.04 0.71 -2.19	29.40 0.78 0.00	27.33 0.70 0.00	31.00 0.82 0.00	38.55 0.91 0.00	35.22 0.83 0.00	30.61 0.68 0.00	33.33 0.74 0.00	50.03 0.86 0.00
BETHPAGE_CC_5 323564	31.09 1.92 0.00	25.15 1.18 -7.24	22.82 0.77 -10.99	35.98 0.74 -24.68	38.76 0.94 -24.38	38.77 -0.10 -40.23	37.81 1.05 -22.26	26.63 1.65 0.00	32.05 1.87 -5.06	38.46 2.23 -6.55	36.42 2.48 -2.55	36.97 2.70 0.00	35.44 2.85 -0.21	35.05 2.88 -1.66	32.16 2.47 -5.40	48.72 2.55 -22.03	51.71 3.10 -19.99	29.47 2.84 0.00	33.45 3.27 0.00	41.33 3.69 0.00	37.65 3.26 0.00	32.69 2.76 0.00	35.39 2.80 0.00	52.90 3.74 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.61 -1.42 4.14	16.92 -0.74 -0.92	11.95 -0.58 -1.47	11.65 -0.54 -1.63	13.93 -0.79 -1.27	1.95 0.06 -3.26	14.56 -0.69 -0.74	23.55 -1.43 0.00	23.71 -1.41 0.00	28.49 -1.18 0.00	30.25 -1.14 0.00	31.99 -1.23 1.05	26.65 -1.24 4.48	17.78 -1.43 11.30	22.77 -1.37 0.15	23.26 -1.10 -0.21	27.54 -1.09 0.00	25.41 -1.23 0.00	28.92 -1.26 0.00	36.32 -1.32 0.00	33.02 -1.36 0.00	28.85 -1.08 0.00	31.53 -1.06 0.00	47.60 -1.56 0.00

BINGHAMTON___COGEN 23790	27.70 -0.20 1.28	18.61 0.02 -1.85	13.97 -0.03 -2.94	13.80 -0.03 -3.26	15.93 -0.07 -2.55	5.16 0.00 -6.52	15.96 -0.03 -1.48	24.89 -0.09 0.00	25.09 -0.02 0.00	29.80 0.13 0.00	31.60 0.21 0.00	34.57 0.31 0.00	32.71 0.27 -0.06	30.70 0.19 0.00	24.71 0.11 -0.31	24.75 0.20 -0.41	28.96 0.33 0.00	26.89 0.26 0.00	30.55 0.37 0.00	38.00 0.36 0.00	34.68 0.26 -0.04	30.12 0.20 0.00	32.82 0.24 0.00	49.59 0.42 0.00
BIXINCNT_115KV_LOAD 355685	22.64 -1.94 4.60	16.77 -0.94 -0.98	11.89 -0.73 -1.55	11.58 -0.70 -1.72	13.78 -1.01 -1.34	2.17 0.09 -3.44	14.33 -0.97 -0.78	23.30 -1.68 0.00	23.45 -1.66 0.00	28.18 -1.49 0.00	29.72 -1.67 0.00	31.95 -1.61 0.71	27.56 -1.82 3.00	21.09 -1.94 7.48	22.69 -1.56 0.03	23.04 -1.33 -0.23	27.06 -1.57 0.00	25.17 -1.47 0.00	28.81 -1.37 0.00	36.49 -1.15 0.00	33.11 -1.27 0.00	29.02 -0.90 0.00	31.70 -0.89 0.00	47.76 -1.41 0.00
BLACK RIVER___HYD 24047	28.67 -0.51 0.00	16.60 -0.41 -0.27	10.99 -0.51 -0.44	10.62 -0.42 -0.48	13.48 -0.34 -0.38	-0.38 0.02 -0.96	14.16 -0.57 -0.22	23.99 -0.99 0.00	24.29 -0.82 0.00	28.97 -0.71 0.00	30.65 -0.74 0.00	33.38 -0.89 0.00	31.29 -1.10 -0.01	29.35 -1.16 0.00	23.40 -0.94 -0.05	20.25 -1.14 2.75	27.41 -1.22 0.00	25.58 -1.06 0.00	29.21 -0.97 0.00	36.35 -1.29 0.00	33.61 -0.86 -0.08	29.17 -0.75 0.00	31.59 -0.99 0.00	47.59 -1.57 0.00
BLACKRVR_115KV_TB2 79977	28.67 -0.50 0.00	16.60 -0.41 -0.27	10.99 -0.51 -0.44	10.62 -0.42 -0.48	13.48 -0.34 -0.38	-0.38 0.02 -0.96	14.16 -0.57 -0.22	23.99 -0.99 0.00	24.29 -0.82 0.00	28.96 -0.71 0.00	30.65 -0.74 0.00	33.38 -0.89 0.00	31.29 -1.10 -0.01	29.35 -1.16 0.00	23.40 -0.94 -0.05	20.24 -1.14 2.75	27.41 -1.22 0.00	25.58 -1.06 0.00	29.21 -0.97 0.00	36.35 -1.29 0.00	33.61 -0.86 -0.08	29.17 -0.75 0.00	31.59 -0.99 0.00	47.59 -1.58 0.00
BLISS_WT_PWR 323608	22.40 -2.18 4.60	16.64 -1.07 -0.98	11.80 -0.81 -1.55	11.50 -0.79 -1.72	13.66 -1.13 -1.34	2.18 0.10 -3.44	14.20 -1.10 -0.78	23.11 -1.86 0.00	23.25 -1.86 0.00	27.96 -1.71 0.00	29.44 -1.95 0.00	31.67 -1.88 0.71	27.23 -2.15 3.00	20.81 -2.22 7.48	22.53 -1.72 0.03	22.88 -1.49 -0.23	26.80 -1.83 0.00	24.99 -1.65 0.00	28.62 -1.56 0.00	36.38 -1.26 0.00	33.01 -1.38 0.00	28.93 -0.99 0.00	31.62 -0.97 0.00	47.62 -1.55 0.00
BLUESTONE___WT_PWR 323821	31.05 -0.69 -2.56	18.60 -0.12 -1.99	14.04 -0.17 -3.15	13.86 -0.20 -3.49	15.76 -0.42 -2.73	5.67 0.04 -6.99	15.61 -0.49 -1.59	24.27 -0.71 0.00	24.46 -0.66 0.00	28.92 -0.75 0.00	30.80 -0.59 0.00	33.87 -0.39 0.00	32.05 -0.40 -0.07	30.07 -0.44 0.00	24.25 -0.37 -0.33	24.28 -0.30 -0.44	28.24 -0.39 0.00	26.46 -0.18 0.00	30.49 0.31 0.00	37.93 0.29 0.00	34.28 -0.14 -0.03	29.89 -0.04 0.00	33.04 0.46 0.00	49.15 -0.01 0.00
BLUE_CIRC_CHEM_DRP 24182	30.26 1.08 0.00	25.07 0.67 -7.67	23.68 0.46 -12.16	24.49 0.44 -13.49	24.54 0.55 -10.54	25.59 -0.06 -27.01	21.24 0.61 -6.12	25.95 0.97 0.00	26.03 0.92 0.00	30.61 0.94 0.00	32.32 0.93 0.00	35.32 1.05 0.00	33.70 1.05 -0.27	31.51 1.00 0.00	26.44 0.86 -1.28	27.11 0.85 -2.11	29.59 0.96 0.00	27.50 0.87 0.00	31.21 1.03 0.00	38.84 1.20 0.00	35.50 1.12 0.00	30.86 0.93 0.00	33.60 1.02 0.00	50.49 1.33 0.00
BOC_GAS_DRP 24189	30.00 0.83 0.00	25.03 0.52 -7.78	23.75 0.35 -12.34	24.59 0.34 -13.68	24.57 0.43 -10.69	26.00 -0.04 -27.41	21.18 0.46 -6.21	25.71 0.73 0.00	25.83 0.72 0.00	30.43 0.76 0.00	32.19 0.80 0.00	35.21 0.94 0.00	33.63 0.97 -0.27	31.44 0.93 0.00	26.40 0.81 -1.30	27.13 0.82 -2.17	29.57 0.94 0.00	27.49 0.86 0.00	31.18 1.00 0.00	38.75 1.11 0.00	35.39 1.00 0.00	30.77 0.84 0.00	33.48 0.90 0.00	50.30 1.13 0.00
BOONVILLE_115KV_TB1 79983	29.36 0.18 0.00	16.96 0.05 -0.17	11.27 -0.06 -0.27	10.84 -0.03 -0.30	13.74 0.06 -0.23	-0.78 -0.01 -0.60	14.62 -0.03 -0.13	24.91 -0.07 0.00	25.14 0.02 0.00	29.77 0.10 0.00	31.53 0.14 0.00	34.41 0.14 0.00	32.44 0.06 -0.01	30.51 0.00 0.00	24.30 -0.02 -0.03	26.03 -0.05 -1.94	28.57 -0.06 0.00	26.65 0.01 0.00	30.28 0.10 0.00	37.71 0.07 0.00	34.68 0.28 -0.02	30.11 0.19 0.00	32.70 0.11 0.00	49.26 0.09 0.00
BORALEX_4TH_BRANCH 23824	30.78 1.61 0.00	25.51 1.00 -7.78	24.12 0.73 -12.34	24.94 0.70 -13.68	25.02 0.88 -10.69	25.94 -0.09 -27.40	21.68 0.96 -6.21	26.53 1.55 0.00	26.67 1.56 0.00	31.51 1.85 0.00	33.23 1.84 0.00	36.35 2.09 0.00	34.67 2.02 -0.27	32.29 1.78 0.00	26.96 1.37 -1.30	27.77 1.38 -2.25	30.14 1.51 0.00	27.93 1.30 0.00	31.73 1.55 0.00	39.47 1.83 0.00	36.14 1.76 0.00	31.40 1.48 0.00	34.34 1.76 0.00	51.44 2.27 0.00
BOWLINE___1 23526	30.48 1.31 0.00	23.36 0.79 -5.84	20.84 0.51 -9.27	21.34 0.49 -10.28	22.10 0.62 -8.03	19.15 -0.07 -20.58	19.87 0.69 -4.67	26.06 1.08 0.00	26.37 1.26 0.00	31.16 1.49 0.00	33.08 1.69 0.00	36.29 2.03 0.00	34.77 2.19 -0.20	32.71 2.20 0.00	27.20 1.93 -0.98	23.27 1.99 2.86	31.06 2.43 0.00	28.93 2.29 0.00	32.78 2.60 0.00	40.59 2.96 0.00	36.97 2.59 0.00	32.09 2.17 0.00	34.78 2.19 0.00	52.12 2.95 0.00
BOWLINE___2 23595	30.48 1.31 0.00	23.37 0.79 -5.84	20.84 0.51 -9.27	21.34 0.49 -10.28	22.10 0.62 -8.03	19.15 -0.07 -20.58	19.87 0.69 -4.67	26.06 1.09 0.00	26.37 1.26 0.00	31.16 1.49 0.00	33.08 1.69 0.00	36.29 2.03 0.00	34.77 2.19 -0.20	32.71 2.20 0.00	27.20 1.93 -0.98	23.27 1.99 2.87	31.06 2.43 0.00	28.93 2.29 0.00	32.79 2.61 0.00	40.59 2.96 0.00	36.97 2.59 0.00	32.09 2.17 0.00	34.78 2.19 0.00	52.12 2.95 0.00
BRADY___115KV_TB2 356060	29.18 0.01 0.00	16.63 -0.10 0.00	10.97 -0.09 0.00	10.47 -0.09 0.00	13.35 -0.10 0.00	-1.35 0.01 0.00	14.40 -0.12 0.00	24.90 -0.08 0.00	24.98 -0.13 0.00	29.43 -0.24 0.00	31.05 -0.34 0.00	33.75 -0.52 0.00	31.78 -0.60 0.00	30.12 -0.38 0.00	23.91 -0.39 0.00	22.22 -0.73 1.20	27.78 -0.84 0.00	25.88 -0.76 0.00	29.37 -0.81 0.00	36.83 -0.81 0.00	33.74 -0.64 0.00	29.43 -0.50 0.00	31.98 -0.60 0.00	48.14 -1.03 0.00
BRANSCOMB___SOLAR 323811	30.94 1.77 0.00	25.79 1.02 -8.04	24.50 0.69 -12.75	25.37 0.67 -14.14	25.34 0.85 -11.05	26.86 -0.08 -28.32	21.84 0.91 -6.42	26.55 1.58 0.00	26.74 1.63 0.00	31.59 1.92 0.00	33.33 1.94 0.00	36.47 2.21 0.00	34.76 2.10 -0.28	32.41 1.91 0.00	27.10 1.46 -1.35	27.83 1.46 -2.23	30.36 1.72 0.00	28.18 1.55 0.00	32.12 1.95 0.00	40.04 2.40 0.00	36.71 2.32 0.00	31.90 1.97 0.00	34.78 2.19 0.00	52.18 3.01 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.36 2.19 0.00	25.35 1.37 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.67	38.93 1.10 -24.38	38.75 -0.12 -40.23	37.98 1.22 -22.26	26.90 1.92 0.00	32.29 2.11 -5.06	38.64 2.42 -6.55	36.69 2.74 -2.55	37.16 2.89 0.00	35.62 3.03 -0.21	35.29 3.13 -1.66	32.45 2.75 -5.40	48.99 2.82 -22.03	52.03 3.42 -19.98	29.73 3.09 0.00	33.76 3.58 0.00	41.68 4.04 0.00	37.85 3.46 0.00	32.85 2.92 0.00	35.55 2.97 0.00	53.12 3.95 0.00

BRISTLHL_115KV_TB1 79998	28.66 -0.51 0.00	16.88 -0.28 -0.43	11.53 -0.21 -0.68	11.12 -0.20 -0.75	13.78 -0.26 -0.59	0.17 0.02 -1.51	14.59 -0.26 -0.34	24.49 -0.49 0.00	24.67 -0.45 0.00	29.28 -0.40 0.00	30.99 -0.40 0.00	33.82 -0.45 0.00	31.92 -0.47 -0.02	29.94 -0.57 0.00	23.87 -0.49 -0.07	23.55 -0.48 0.12	28.08 -0.55 0.00	26.13 -0.51 0.00	29.64 -0.54 0.00	36.94 -0.70 0.00	33.91 -0.65 -0.18	29.38 -0.55 0.00	32.04 -0.55 0.00	48.64 -0.53 0.00
BROOKHAVEN___DRP 24191	31.29 2.12 0.00	25.31 1.33 -7.24	22.96 0.91 -10.99	36.13 0.89 -24.67	38.95 1.13 -24.38	38.75 -0.12 -40.23	38.01 1.24 -22.26	26.87 1.89 0.00	32.22 2.05 -5.06	38.67 2.44 -6.55	36.64 2.69 -2.55	37.09 2.83 0.00	35.59 3.00 -0.21	35.23 3.07 -1.66	32.42 2.72 -5.40	48.96 2.78 -22.03	51.97 3.36 -19.98	29.67 3.03 0.00	33.70 3.52 0.00	41.59 3.95 0.00	37.73 3.34 0.00	32.72 2.79 0.00	35.39 2.80 0.00	52.83 3.67 0.00
BROOKLYN_NAVY_YARD 23515	30.72 1.55 0.00	23.76 0.97 -6.06	21.30 0.62 -9.62	21.82 0.59 -10.66	22.53 0.75 -8.33	19.91 -0.08 -21.36	20.21 0.85 -4.84	26.33 1.35 0.00	26.67 1.55 0.00	31.49 1.82 0.00	33.44 2.05 0.00	36.66 2.40 0.00	35.17 2.58 -0.21	33.06 2.55 0.00	27.57 2.25 -1.02	30.53 2.36 -4.03	31.54 2.91 0.00	29.37 2.73 0.00	33.25 3.08 0.00	41.14 3.50 0.00	37.38 3.00 0.00	32.47 2.55 0.00	35.17 2.59 0.00	52.66 3.49 0.00
BROOKLYN___ARMY_DRP 323595	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
BROOKVLE_69_KV_TB1 55790	31.45 2.27 0.00	25.35 1.38 -7.24	22.95 0.90 -10.99	36.11 0.86 -24.67	38.91 1.09 -24.38	38.75 -0.12 -40.23	37.99 1.22 -22.26	26.95 1.97 0.00	32.37 2.20 -5.06	38.87 2.65 -6.55	36.88 2.94 -2.55	37.49 3.22 0.00	35.87 3.28 -0.21	35.36 3.20 -1.66	32.46 2.76 -5.40	49.04 2.86 -22.03	52.08 3.47 -19.98	29.83 3.20 0.00	33.81 3.63 0.00	41.77 4.13 0.00	38.01 3.63 0.00	33.01 3.09 0.00	35.87 3.28 0.00	53.66 4.50 0.00
BROOME_2_LFGE 323671	27.70 -0.20 1.28	18.61 0.02 -1.85	13.97 -0.03 -2.94	13.80 -0.03 -3.26	15.93 -0.06 -2.55	5.16 0.00 -6.52	15.96 -0.03 -1.48	24.89 -0.09 0.00	25.09 -0.02 0.00	29.80 0.14 0.00	31.60 0.21 0.00	34.57 0.31 0.00	32.71 0.27 -0.06	30.69 0.19 0.00	24.71 0.11 -0.31	24.75 0.20 -0.41	28.95 0.32 0.00	26.89 0.26 0.00	30.54 0.36 0.00	38.00 0.36 0.00	34.68 0.26 -0.04	30.12 0.19 0.00	32.82 0.24 0.00	49.59 0.42 0.00
BROOME___LFGE 323600	27.70 -0.20 1.28	18.61 0.02 -1.85	13.97 -0.03 -2.94	13.80 -0.03 -3.26	15.93 -0.06 -2.55	5.16 0.00 -6.52	15.96 -0.03 -1.48	24.89 -0.09 0.00	25.09 -0.02 0.00	29.80 0.14 0.00	31.60 0.21 0.00	34.57 0.31 0.00	32.71 0.27 -0.06	30.69 0.19 0.00	24.71 0.11 -0.31	24.75 0.20 -0.41	28.95 0.32 0.00	26.89 0.26 0.00	30.54 0.36 0.00	38.00 0.36 0.00	34.68 0.26 -0.04	30.12 0.19 0.00	32.82 0.24 0.00	49.59 0.42 0.00
BROWNFLS_115KV_TB_3_5 80003	28.54 -0.63 0.00	16.38 -0.49 -0.14	10.83 -0.45 -0.22	10.40 -0.40 -0.24	13.24 -0.39 -0.19	-0.85 0.03 -0.48	14.06 -0.56 -0.11	24.07 -0.91 0.00	24.28 -0.84 0.00	28.72 -0.95 0.00	30.35 -1.04 0.00	33.02 -1.24 0.00	31.02 -1.36 0.00	29.27 -1.24 0.00	23.27 -1.04 -0.02	19.92 -1.32 2.90	27.11 -1.52 0.00	25.30 -1.33 0.00	28.77 -1.41 0.00	35.94 -1.70 0.00	33.15 -1.27 -0.03	28.84 -1.08 0.00	31.29 -1.29 0.00	47.11 -2.06 0.00
BROWNSV1_27_KV_LOAD 356125	31.05 1.88 0.00	23.94 1.14 -6.06	21.42 0.74 -9.62	21.94 0.71 -10.66	22.67 0.89 -8.33	19.90 -0.10 -21.36	20.36 1.01 -4.84	26.60 1.62 0.00	26.94 1.83 0.00	31.86 2.19 0.00	33.84 2.45 0.00	37.12 2.86 0.00	35.61 3.02 -0.21	33.48 2.97 0.00	27.90 2.59 -1.02	30.85 2.68 -4.03	31.90 3.28 0.00	29.71 3.07 0.00	33.64 3.46 0.00	41.61 3.98 0.00	37.83 3.45 0.00	32.86 2.93 0.00	35.57 2.99 0.00	53.26 4.10 0.00
BURROWS___LYONSDAL 23803	29.16 -0.02 0.00	16.82 -0.08 -0.17	11.15 -0.19 -0.28	10.74 -0.13 -0.31	13.65 -0.03 -0.24	-0.76 -0.01 -0.62	14.47 -0.18 -0.14	24.65 -0.33 0.00	24.90 -0.21 0.00	29.49 -0.17 0.00	31.22 -0.18 0.00	34.04 -0.22 0.00	32.06 -0.33 -0.01	30.14 -0.36 0.00	24.00 -0.32 -0.03	23.76 -0.37 0.01	28.21 -0.42 0.00	26.32 -0.31 0.00	29.94 -0.24 0.00	37.26 -0.37 0.00	34.36 -0.06 -0.03	29.82 -0.11 0.00	32.35 -0.23 0.00	48.73 -0.44 0.00
CAITHNESS_CC_1 323624	31.29 2.12 0.00	25.30 1.33 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.93 1.11 -24.38	38.75 -0.12 -40.23	37.99 1.22 -22.26	26.86 1.88 0.00	32.22 2.04 -5.06	38.65 2.43 -6.55	36.62 2.68 -2.55	37.08 2.82 0.00	35.57 2.97 -0.21	35.20 3.04 -1.66	32.40 2.70 -5.40	48.93 2.76 -22.03	51.94 3.33 -19.99	29.62 2.99 0.00	33.65 3.48 0.00	41.55 3.91 0.00	37.68 3.29 0.00	32.69 2.76 0.00	35.36 2.77 0.00	52.79 3.62 0.00
CALPINE BETH_PAGE_GT4 24209	31.17 2.00 0.00	25.20 1.22 -7.24	22.85 0.80 -10.99	36.01 0.77 -24.67	38.80 0.97 -24.38	38.77 -0.11 -40.23	37.86 1.09 -22.26	26.70 1.72 0.00	32.12 1.94 -5.06	38.55 2.32 -6.55	36.52 2.58 -2.55	37.08 2.81 0.00	35.55 2.95 -0.21	35.13 2.97 -1.66	32.19 2.50 -5.40	48.75 2.58 -22.03	51.75 3.14 -19.98	29.51 2.88 0.00	33.49 3.31 0.00	41.39 3.75 0.00	37.76 3.37 0.00	32.78 2.85 0.00	35.49 2.91 0.00	53.07 3.91 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.17 1.99 0.00	25.20 1.22 -7.24	22.85 0.80 -10.99	36.01 0.77 -24.68	38.79 0.97 -24.38	38.77 -0.11 -40.23	37.86 1.09 -22.26	26.70 1.72 0.00	32.11 1.94 -5.06	38.55 2.32 -6.55	36.52 2.57 -2.55	37.07 2.81 0.00	35.54 2.95 -0.21	35.13 2.97 -1.66	32.19 2.50 -5.40	48.75 2.58 -22.03	51.75 3.14 -19.99	29.51 2.88 0.00	33.49 3.32 0.00	41.39 3.75 0.00	37.76 3.37 0.00	32.78 2.86 0.00	35.49 2.91 0.00	53.07 3.91 0.00
CALPINE_BP_GT1 23823	31.17 1.99 0.00	25.20 1.22 -7.24	22.85 0.80 -10.99	36.01 0.77 -24.68	38.79 0.97 -24.38	38.77 -0.11 -40.23	37.86 1.09 -22.26	26.70 1.72 0.00	32.11 1.94 -5.06	38.55 2.32 -6.55	36.52 2.57 -2.55	37.07 2.81 0.00	35.54 2.95 -0.21	35.13 2.97 -1.66	32.19 2.50 -5.40	48.75 2.58 -22.03	51.75 3.14 -19.99	29.51 2.88 0.00	33.49 3.32 0.00	41.39 3.75 0.00	37.76 3.37 0.00	32.78 2.86 0.00	35.49 2.91 0.00	53.07 3.91 0.00
CALSPAN___DRP 24200	23.63 -1.48 4.06	16.87 -0.77 -0.91	11.91 -0.60 -1.45	11.62 -0.55 -1.61	13.88 -0.82 -1.25	1.91 0.06 -3.21	14.53 -0.72 -0.73	23.48 -1.50 0.00	23.64 -1.47 0.00	28.40 -1.27 0.00	30.17 -1.22 0.00	31.83 -1.33 1.11	26.28 -1.34 4.76	16.96 -1.54 12.01	22.67 -1.45 0.18	23.19 -1.17 -0.21	27.45 -1.18 0.00	25.31 -1.33 0.00	28.80 -1.38 0.00	36.16 -1.48 0.00	32.89 -1.50 0.00	28.72 -1.20 0.00	31.41 -1.17 0.00	47.42 -1.75 0.00

CALVERTON___SOLAR 323806	31.35 2.17 0.00	25.34 1.36 -7.24	22.99 0.93 -10.99	36.15 0.91 -24.68	38.98 1.15 -24.38	38.75 -0.12 -40.23	38.04 1.27 -22.26	26.91 1.93 0.00	32.25 2.08 -5.06	38.71 2.48 -6.55	36.68 2.74 -2.55	37.15 2.89 0.00	35.65 3.06 -0.21	35.28 3.12 -1.66	32.47 2.77 -5.40	49.01 2.84 -22.03	52.03 3.42 -19.99	29.73 3.09 0.00	33.78 3.60 0.00	41.69 4.05 0.00	37.81 3.42 0.00	32.77 2.85 0.00	35.44 2.85 0.00	52.89 3.72 0.00
CANDIGU_WT_PWR 323617	20.16 -1.70 7.31	17.12 -0.86 -1.26	12.38 -0.68 -2.00	12.14 -0.63 -2.21	14.30 -0.87 -1.73	3.15 0.08 -4.43	14.72 -0.80 -1.01	23.50 -1.48 0.00	23.68 -1.43 0.00	28.23 -1.44 0.00	29.96 -1.43 0.00	26.62 -1.42 6.23	3.87 -1.36 27.15	-40.01 -1.45 69.06	21.23 -1.32 1.74	23.39 -1.04 -0.28	27.76 -0.87 0.00	25.62 -1.01 0.00	29.05 -1.12 0.01	36.51 -1.13 0.00	33.30 -1.11 -0.02	28.85 -1.07 0.00	31.53 -1.06 0.00	47.59 -1.58 0.00
CARR STREET_E_SYR 24060	28.85 -0.33 0.00	17.06 -0.16 -0.48	11.70 -0.12 -0.76	11.29 -0.12 -0.85	13.94 -0.17 -0.66	0.34 0.01 -1.69	14.74 -0.15 -0.38	24.67 -0.31 0.00	24.86 -0.25 0.00	29.50 -0.17 0.00	31.25 -0.14 0.00	34.10 -0.17 0.00	32.20 -0.19 -0.02	30.20 -0.30 0.00	24.10 -0.27 -0.08	24.00 -0.24 -0.10	28.37 -0.26 0.00	26.37 -0.27 0.00	29.91 -0.27 0.00	37.28 -0.36 0.00	34.10 -0.34 -0.05	29.65 -0.28 0.00	32.33 -0.26 0.00	49.03 -0.13 0.00
CARTHAGE___PAPER 23857	28.82 -0.35 0.00	16.65 -0.33 -0.24	11.01 -0.43 -0.39	10.64 -0.35 -0.43	13.53 -0.25 -0.33	-0.50 0.01 -0.86	14.22 -0.48 -0.19	24.15 -0.83 0.00	24.44 -0.68 0.00	29.05 -0.62 0.00	30.73 -0.66 0.00	33.46 -0.81 0.00	31.39 -1.00 -0.01	29.48 -1.03 0.00	23.49 -0.84 -0.04	19.83 -1.05 3.26	27.49 -1.14 0.00	25.68 -0.96 0.00	29.29 -0.89 0.00	36.47 -1.17 0.00	33.74 -0.71 -0.07	29.29 -0.64 0.00	31.72 -0.87 0.00	47.74 -1.42 0.00
CASSADAGA_WT_PWR 323784	22.58 -2.06 4.53	16.68 -1.02 -0.97	11.77 -0.82 -1.53	11.54 -0.72 -1.70	13.72 -1.05 -1.33	2.13 0.09 -3.40	14.37 -0.91 -0.77	23.18 -1.80 0.00	23.43 -1.68 0.00	28.08 -1.59 0.00	29.86 -1.53 0.00	31.80 -1.66 0.80	27.36 -1.61 3.41	20.08 -1.90 8.53	22.38 -1.85 0.07	22.84 -1.53 -0.23	27.44 -1.19 0.00	25.47 -1.17 0.00	29.07 -1.11 0.00	36.77 -0.87 0.00	33.26 -1.12 0.00	28.92 -1.00 0.00	31.71 -0.88 0.00	47.85 -1.32 0.00
CE_DUNWOOD___DRP 24194	30.66 1.49 0.00	23.69 0.91 -6.05	21.25 0.59 -9.60	21.78 0.57 -10.65	22.47 0.71 -8.32	19.87 -0.08 -21.32	20.15 0.80 -4.83	26.25 1.27 0.00	26.56 1.45 0.00	31.39 1.72 0.00	33.33 1.94 0.00	36.54 2.27 0.00	35.00 2.41 -0.21	32.90 2.39 0.00	27.41 2.10 -1.02	30.51 2.17 -4.20	31.27 2.64 0.00	29.11 2.47 0.00	32.98 2.81 0.00	40.83 3.19 0.00	37.16 2.78 0.00	32.27 2.34 0.00	34.97 2.38 0.00	52.39 3.22 0.00
CE_MILLWOOD___DRP 24193	30.60 1.42 0.00	23.63 0.87 -6.03	21.19 0.56 -9.56	21.71 0.54 -10.60	22.41 0.68 -8.29	19.79 -0.07 -21.24	20.09 0.77 -4.81	26.19 1.21 0.00	26.50 1.39 0.00	31.32 1.65 0.00	33.24 1.85 0.00	36.44 2.18 0.00	34.92 2.33 -0.21	32.82 2.32 0.00	27.33 2.02 -1.01	30.57 2.10 -4.33	31.19 2.56 0.00	29.03 2.40 0.00	32.90 2.72 0.00	40.73 3.09 0.00	37.08 2.70 0.00	32.20 2.27 0.00	34.89 2.31 0.00	52.29 3.12 0.00
CE_NYC2_DRP 24202	30.87 1.69 0.00	23.83 1.03 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.42 1.44 0.00	26.78 1.66 0.00	31.63 1.95 0.00	33.58 2.19 0.00	36.80 2.54 0.00	35.29 2.70 -0.21	33.21 2.70 0.00	27.71 2.39 -1.02	30.64 2.47 -4.03	31.63 3.00 0.00	29.45 2.81 0.00	33.32 3.15 0.00	41.23 3.59 0.00	37.50 3.12 0.00	32.58 2.65 0.00	35.28 2.69 0.00	52.80 3.63 0.00
CE_NYC_DRP 24195	30.79 1.61 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.89 -4.84	26.38 1.40 0.00	26.72 1.61 0.00	31.57 1.90 0.00	33.53 2.14 0.00	36.76 2.50 0.00	35.26 2.67 -0.21	33.15 2.65 0.00	27.64 2.33 -1.02	30.60 2.43 -4.03	31.59 2.96 0.00	29.42 2.78 0.00	33.31 3.13 0.00	41.21 3.57 0.00	37.46 3.07 0.00	32.52 2.60 0.00	35.21 2.63 0.00	52.73 3.56 0.00
CHAFFEE___LFGE 323603	23.52 -1.32 4.33	17.01 -0.67 -0.95	12.02 -0.54 -1.50	11.73 -0.50 -1.66	14.00 -0.75 -1.30	2.02 0.06 -3.33	14.63 -0.63 -0.75	23.63 -1.34 0.00	23.82 -1.30 0.00	28.65 -1.02 0.00	30.43 -0.96 0.00	32.28 -1.08 0.91	27.45 -1.06 3.87	19.54 -1.25 9.72	22.94 -1.25 0.11	23.37 -0.99 -0.22	27.65 -0.98 0.00	25.49 -1.15 0.00	28.98 -1.19 0.00	36.41 -1.23 0.00	33.12 -1.26 0.00	28.90 -1.03 0.00	31.61 -0.98 0.00	47.71 -1.46 0.00
CHATEAUG_35_KV_LOAD 355732	29.11 -0.06 0.00	16.49 -0.24 0.00	10.81 -0.24 0.00	10.28 -0.28 0.00	13.05 -0.40 0.00	-1.31 0.06 0.00	13.93 -0.58 0.00	24.22 -0.76 0.00	24.35 -0.77 0.00	28.76 -0.92 0.00	30.37 -1.02 0.00	33.09 -1.18 0.00	31.06 -1.32 0.00	29.49 -1.01 0.00	23.23 -1.06 0.00	22.31 -1.31 0.52	26.93 -1.69 0.00	25.16 -1.48 0.00	28.62 -1.56 0.00	36.07 -1.57 0.00	33.07 -1.31 0.00	28.95 -0.98 0.00	31.53 -1.05 0.00	47.50 -1.67 0.00
CHATEAUG_WT_PWR 323614	29.14 -0.03 0.00	16.51 -0.22 0.00	10.82 -0.24 0.00	10.28 -0.29 0.00	13.05 -0.40 0.00	-1.31 0.06 0.00	13.89 -0.62 0.00	24.17 -0.81 0.00	24.27 -0.84 0.00	28.67 -1.00 0.00	30.32 -1.07 0.00	33.07 -1.20 0.00	31.05 -1.33 0.00	29.45 -1.06 0.00	23.16 -1.14 0.00	22.30 -1.45 0.39	26.76 -1.87 0.00	25.00 -1.64 0.00	28.53 -1.65 0.00	35.93 -1.71 0.00	32.95 -1.43 0.00	28.87 -1.06 0.00	31.46 -1.13 0.00	47.42 -1.74 0.00
CHAT_HIGH_FALL_HYD 323578	29.11 -0.06 0.00	16.49 -0.24 0.00	10.81 -0.24 0.00	10.28 -0.28 0.00	13.05 -0.40 0.00	-1.31 0.06 0.00	13.93 -0.58 0.00	24.22 -0.76 0.00	24.35 -0.77 0.00	28.76 -0.92 0.00	30.37 -1.02 0.00	33.09 -1.18 0.00	31.06 -1.32 0.00	29.49 -1.01 0.00	23.23 -1.06 0.00	22.31 -1.31 0.52	26.93 -1.69 0.00	25.16 -1.48 0.00	28.62 -1.56 0.00	36.07 -1.57 0.00	33.07 -1.31 0.00	28.95 -0.98 0.00	31.53 -1.05 0.00	47.50 -1.67 0.00
CHAUTAUQUA___LFGE 323629	23.05 -1.81 4.31	16.87 -0.80 -0.94	11.91 -0.64 -1.50	11.64 -0.58 -1.66	13.89 -0.85 -1.30	2.03 0.07 -3.33	14.51 -0.76 -0.75	23.50 -1.48 0.00	23.66 -1.46 0.00	28.45 -1.23 0.00	30.22 -1.17 0.00	31.99 -1.29 0.99	26.88 -1.28 4.22	18.42 -1.47 10.62	22.74 -1.43 0.13	23.21 -1.16 -0.22	27.62 -1.01 0.00	25.56 -1.07 0.00	29.12 -1.06 0.00	36.68 -0.96 0.00	33.31 -1.07 0.00	28.99 -0.94 0.00	31.70 -0.88 0.00	47.92 -1.25 0.00
CHERRYST_13_KV_LD 356241	30.85 1.68 0.00	23.83 1.04 -6.06	21.36 0.68 -9.62	21.88 0.65 -10.66	22.59 0.81 -8.33	19.90 -0.09 -21.36	20.28 0.93 -4.84	26.46 1.48 0.00	26.80 1.69 0.00	31.68 2.01 0.00	33.65 2.26 0.00	36.90 2.64 0.00	35.40 2.81 -0.21	33.28 2.77 0.00	27.75 2.44 -1.02	30.70 2.53 -4.03	31.71 3.08 0.00	29.52 2.89 0.00	33.43 3.25 0.00	41.36 3.72 0.00	37.59 3.21 0.00	32.64 2.72 0.00	35.34 2.75 0.00	52.92 3.76 0.00

CHESTROR_138KV_BK263 355645	30.31 1.14 0.00	22.95 0.69 -5.53	20.27 0.44 -8.77	20.72 0.43 -9.72	21.58 0.54 -7.60	18.05 -0.06 -19.47	19.53 0.60 -4.42	25.93 0.95 0.00	26.21 1.09 0.00	30.96 1.29 0.00	32.86 1.47 0.00	36.00 1.73 0.00	34.44 1.86 -0.19	32.39 1.88 0.00	26.89 1.68 -0.93	24.55 1.73 1.33	30.73 2.11 0.00	28.62 1.98 0.00	32.44 2.26 0.00	40.21 2.57 0.00	36.65 2.26 0.00	31.82 1.89 0.00	34.51 1.93 0.00	51.77 2.61 0.00
CH_MIDHUDSON___DRP 24192	30.57 1.40 0.00	23.83 0.85 -6.25	21.53 0.56 -9.91	22.08 0.54 -10.99	22.70 0.67 -8.59	20.56 -0.07 -22.00	20.25 0.75 -4.99	26.18 1.20 0.00	26.47 1.36 0.00	31.29 1.62 0.00	33.20 1.81 0.00	36.37 2.11 0.00	34.81 2.21 -0.22	32.73 2.23 0.00	27.25 1.91 -1.04	27.97 2.00 -1.83	31.04 2.41 0.00	28.89 2.25 0.00	32.74 2.56 0.00	40.58 2.94 0.00	36.97 2.59 0.00	32.11 2.18 0.00	34.83 2.25 0.00	52.21 3.05 0.00
CH_MISC_IPPS 23765	30.72 1.55 0.00	23.77 0.93 -6.11	21.35 0.60 -9.68	21.88 0.58 -10.74	22.56 0.72 -8.39	20.06 -0.08 -21.50	20.20 0.81 -4.88	26.29 1.32 0.00	26.59 1.48 0.00	31.45 1.78 0.00	33.39 1.99 0.00	36.58 2.32 0.00	35.00 2.41 -0.21	32.93 2.42 0.00	27.41 2.09 -1.02	27.70 2.19 -1.37	31.28 2.65 0.00	29.12 2.48 0.00	33.02 2.84 0.00	40.89 3.26 0.00	37.26 2.88 0.00	32.36 2.43 0.00	35.08 2.49 0.00	52.59 3.42 0.00
CH_RES_BVR_FALLS 23983	28.77 -0.40 0.00	16.41 -0.33 0.00	10.83 -0.23 0.00	10.35 -0.21 0.00	13.21 -0.23 0.00	-1.34 0.02 0.00	14.23 -0.29 0.00	24.50 -0.47 0.00	24.59 -0.52 0.00	28.95 -0.73 0.00	30.62 -0.78 0.00	33.38 -0.89 0.00	31.44 -0.94 0.00	29.69 -0.81 0.00	23.61 -0.68 0.00	23.47 -0.68 -0.01	27.84 -0.79 0.00	25.93 -0.71 0.00	29.37 -0.81 0.00	36.78 -0.86 0.00	33.70 -0.69 0.00	29.35 -0.58 0.00	31.95 -0.63 0.00	48.27 -0.90 0.00
CH_RES_NIAGARA 23895	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.04 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.03 0.00	23.08 -2.04 0.00	27.73 -1.94 0.00	29.46 -1.94 0.00	31.24 -2.17 0.85	26.52 -2.21 3.65	18.89 -2.42 9.19	22.09 -2.09 0.11	22.55 -1.79 -0.19	26.60 -2.03 0.00	24.41 -2.23 0.00	27.73 -2.45 0.00	34.82 -2.83 0.00	31.65 -2.73 0.00	27.69 -2.23 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
CH_RES_SYRACUSE 23985	28.97 -0.20 0.00	17.20 -0.07 -0.54	11.85 -0.07 -0.86	11.45 -0.07 -0.96	14.08 -0.11 -0.75	0.56 0.01 -1.91	14.86 -0.09 -0.43	24.79 -0.19 0.00	24.98 -0.13 0.00	29.63 -0.05 0.00	31.39 0.00 0.00	34.26 -0.01 0.00	32.37 -0.02 -0.02	30.37 -0.13 0.00	24.23 -0.15 -0.09	24.14 -0.11 -0.12	28.53 -0.10 0.00	26.51 -0.12 0.00	30.09 -0.09 0.00	37.50 -0.14 0.00	34.32 -0.16 -0.10	29.81 -0.11 0.00	32.49 -0.10 0.00	49.30 0.13 0.00
CLINTON_WT_PWR 323605	29.14 -0.03 0.00	16.51 -0.22 0.00	10.82 -0.24 0.00	10.28 -0.29 0.00	13.05 -0.40 0.00	-1.31 0.06 0.00	13.89 -0.62 0.00	24.17 -0.81 0.00	24.27 -0.84 0.00	28.67 -1.00 0.00	30.32 -1.07 0.00	33.07 -1.20 0.00	31.05 -1.33 0.00	29.45 -1.06 0.00	23.16 -1.14 0.00	22.30 -1.45 0.39	26.76 -1.87 0.00	25.00 -1.64 0.00	28.53 -1.65 0.00	35.93 -1.71 0.00	32.95 -1.43 0.00	28.87 -1.06 0.00	31.46 -1.13 0.00	47.42 -1.74 0.00
CLINTON___LFGE 323618	29.47 0.29 0.00	16.69 -0.05 0.00	10.94 -0.12 0.00	10.38 -0.18 0.00	13.18 -0.27 0.00	-1.32 0.05 0.00	14.01 -0.50 0.00	24.42 -0.56 0.00	24.56 -0.56 0.00	29.03 -0.64 0.00	30.72 -0.67 0.00	33.50 -0.77 0.00	31.43 -0.95 0.00	29.78 -0.72 0.00	23.42 -0.87 0.00	22.58 -1.13 0.43	27.12 -1.51 0.00	25.32 -1.32 0.00	28.90 -1.28 0.00	36.43 -1.21 0.00	33.41 -0.97 0.00	29.25 -0.67 0.00	31.86 -0.73 0.00	47.92 -1.25 0.00
COBBLENY_34_KV_TB1 80064	23.52 -1.32 4.33	17.01 -0.67 -0.95	12.02 -0.54 -1.50	11.73 -0.50 -1.66	14.00 -0.75 -1.30	2.02 0.06 -3.33	14.63 -0.63 -0.75	23.63 -1.34 0.00	23.81 -1.30 0.00	28.63 -1.04 0.00	30.42 -0.97 0.00	32.28 -1.08 0.91	27.43 -1.08 3.87	19.51 -1.28 9.72	22.94 -1.25 0.11	23.36 -1.00 -0.22	27.65 -0.98 0.00	25.48 -1.15 0.00	29.01 -1.17 0.00	36.41 -1.23 0.00	33.12 -1.26 0.00	28.92 -1.01 0.00	31.61 -0.98 0.00	47.71 -1.46 0.00
COFFEEN___115KV_TB3 355620	28.85 -0.32 0.00	16.72 -0.30 -0.28	11.08 -0.43 -0.44	10.70 -0.36 -0.49	13.56 -0.27 -0.38	-0.37 0.01 -0.98	14.26 -0.48 -0.22	24.16 -0.82 0.00	24.48 -0.63 0.00	29.22 -0.45 0.00	30.94 -0.46 0.00	33.70 -0.56 0.00	31.61 -0.78 -0.01	29.63 -0.88 0.00	23.62 -0.71 -0.05	20.55 -0.93 2.67	27.68 -0.95 0.00	25.83 -0.81 0.00	29.52 -0.66 0.00	36.74 -0.90 0.00	33.95 -0.52 -0.08	29.47 -0.46 0.00	31.90 -0.69 0.00	48.05 -1.11 0.00
COLDSPRG_115KV_BK1 355956	23.17 -1.12 4.88	17.27 -0.46 -1.00	12.21 -0.43 -1.59	11.95 -0.37 -1.76	14.24 -0.58 -1.37	2.20 0.05 -3.52	14.85 -0.46 -0.80	24.07 -0.91 0.00	24.34 -0.77 0.00	29.26 -0.41 0.00	31.06 -0.34 0.00	33.45 -0.30 0.51	29.88 -0.37 2.13	24.65 -0.62 5.23	23.50 -0.82 -0.03	23.81 -0.57 -0.23	28.45 -0.18 0.00	26.35 -0.28 0.00	30.07 -0.11 0.00	37.74 0.10 0.00	34.21 -0.17 0.00	29.81 -0.12 0.00	32.61 0.03 0.00	49.17 0.01 0.00
COLONIE_LFGE___ 323577	30.50 1.33 0.00	25.45 0.79 -7.93	24.19 0.55 -12.58	25.04 0.53 -13.95	25.02 0.67 -10.90	26.50 -0.07 -27.93	21.57 0.72 -6.33	26.17 1.19 0.00	26.32 1.21 0.00	31.05 1.38 0.00	32.79 1.40 0.00	35.89 1.62 0.00	34.24 1.59 -0.28	31.95 1.44 0.00	26.76 1.14 -1.33	27.51 1.14 -2.23	29.94 1.31 0.00	27.80 1.17 0.00	31.59 1.41 0.00	39.30 1.67 0.00	35.97 1.58 0.00	31.25 1.33 0.00	34.09 1.50 0.00	51.12 1.95 0.00
COOPERNY_115KV_TB1 80082	29.95 0.78 0.00	21.37 0.49 -4.15	17.96 0.31 -6.59	18.17 0.29 -7.31	19.53 0.37 -5.71	13.22 -0.04 -14.63	18.25 0.42 -3.32	25.63 0.65 0.00	25.88 0.77 0.00	30.58 0.91 0.00	32.44 1.05 0.00	35.52 1.26 0.00	33.87 1.35 -0.15	31.85 1.34 0.00	26.19 1.20 -0.70	25.30 1.25 0.09	30.15 1.52 0.00	28.06 1.42 0.00	31.81 1.63 0.00	39.48 1.84 0.00	36.00 1.61 0.00	31.28 1.36 0.00	33.96 1.38 0.00	51.05 1.88 0.00
COPENHAGEN_WT_PWR 323753	28.48 -0.69 0.00	16.51 -0.51 -0.29	10.91 -0.61 -0.46	10.56 -0.52 -0.51	13.39 -0.45 -0.40	-0.32 0.03 -1.01	14.04 -0.70 -0.23	23.76 -1.22 0.00	24.06 -1.06 0.00	28.71 -0.96 0.00	30.37 -1.03 0.00	33.04 -1.22 0.00	30.94 -1.45 -0.01	29.01 -1.49 0.00	23.14 -1.20 -0.05	20.25 -1.38 2.51	27.07 -1.55 0.00	25.27 -1.37 0.00	28.85 -1.33 0.00	35.88 -1.76 0.00	33.21 -1.26 -0.09	28.82 -1.10 0.00	31.21 -1.38 0.00	47.05 -2.11 0.00
CORNELL_____ 23752	48.91 0.12 -19.62	18.21 0.15 -1.32	13.22 0.07 -2.10	12.95 0.06 -2.32	15.31 0.05 -1.82	3.28 -0.01 -4.65	15.67 0.10 -1.06	25.12 0.15 0.00	25.31 0.20 0.00	30.06 0.39 0.00	31.91 0.52 0.00	35.25 0.63 -0.35	34.51 0.57 -1.56	32.71 0.45 -1.76	24.81 0.30 -0.22	24.77 0.34 -0.29	29.12 0.49 0.00	27.10 0.47 0.00	30.79 0.61 0.00	38.32 0.68 0.00	35.06 0.62 -0.06	30.51 0.58 0.00	33.22 0.63 0.00	50.18 1.01 0.00

CORONA__69_KV_TB1 355595	31.22 2.05 0.00	25.22 1.24 -7.24	22.86 0.81 -10.99	36.02 0.78 -24.67	38.80 0.98 -24.38	38.77 -0.11 -40.23	37.86 1.09 -22.26	26.73 1.76 0.00	32.14 1.96 -5.06	38.59 2.37 -6.55	36.59 2.65 -2.55	37.20 2.94 0.00	35.65 3.06 -0.21	35.24 3.08 -1.66	32.38 2.68 -5.40	48.94 2.77 -22.03	51.97 3.36 -19.98	29.73 3.09 0.00	33.70 3.52 0.00	41.65 4.01 0.00	37.87 3.49 0.00	32.88 2.95 0.00	35.61 3.02 0.00	53.29 4.13 0.00
CORTLAND__115KV_TB3 80093	36.16 0.09 -6.89	18.07 0.13 -1.21	13.03 0.05 -1.92	12.74 0.05 -2.13	15.15 0.04 -1.66	2.88 -0.01 -4.26	15.55 0.07 -0.97	25.08 0.10 0.00	25.27 0.16 0.00	29.99 0.32 0.00	31.82 0.43 0.00	34.92 0.51 -0.15	33.53 0.46 -0.69	31.58 0.33 -0.74	24.70 0.21 -0.20	24.66 0.26 -0.26	28.99 0.36 0.00	26.98 0.34 0.00	30.63 0.46 0.00	38.15 0.51 0.00	34.93 0.49 -0.05	30.38 0.45 0.00	33.07 0.49 0.00	49.98 0.81 0.00
COXSACKIE__GT 23611	31.47 2.29 0.00	25.42 1.35 -7.34	23.59 0.89 -11.64	24.32 0.84 -12.91	24.59 1.06 -10.09	24.37 -0.11 -25.85	21.54 1.17 -5.86	26.97 1.99 0.00	27.12 2.00 0.00	31.91 2.23 0.00	33.61 2.22 0.00	36.59 2.32 0.00	34.83 2.19 -0.26	32.60 2.10 0.00	27.27 1.75 -1.23	27.59 1.80 -1.65	30.69 2.06 0.00	28.48 1.85 0.00	32.40 2.22 0.00	40.34 2.70 0.00	36.91 2.53 0.00	32.04 2.12 0.00	34.89 2.31 0.00	52.30 3.13 0.00
CPV_VALLEY__CC1 323721	30.09 0.92 0.00	22.34 0.57 -5.04	19.42 0.37 -7.99	19.78 0.35 -8.86	20.81 0.44 -6.92	16.33 -0.05 -17.75	19.03 0.50 -4.02	25.75 0.77 0.00	26.02 0.91 0.00	30.72 1.05 0.00	32.59 1.20 0.00	35.73 1.46 0.00	34.14 1.58 -0.18	32.12 1.62 0.00	26.59 1.45 -0.84	25.18 1.50 0.46	30.45 1.82 0.00	28.35 1.71 0.00	32.13 1.95 0.00	39.83 2.19 0.00	36.30 1.91 0.00	31.53 1.60 0.00	34.20 1.62 0.00	51.32 2.16 0.00
CPV_VALLEY__CC2 323722	30.09 0.92 0.00	22.34 0.57 -5.04	19.42 0.37 -7.99	19.78 0.35 -8.86	20.81 0.44 -6.92	16.33 -0.05 -17.75	19.03 0.50 -4.02	25.75 0.77 0.00	26.02 0.91 0.00	30.72 1.05 0.00	32.59 1.20 0.00	35.73 1.46 0.00	34.14 1.58 0.00	32.12 1.62 0.00	26.59 1.45 -0.84	25.18 1.50 0.46	30.45 1.82 0.00	28.35 1.71 0.00	32.13 1.95 0.00	39.83 2.19 0.00	36.30 1.91 0.00	31.53 1.60 0.00	34.20 1.62 0.00	51.32 2.16 0.00
CRESCENT__HYD 24018	30.50 1.33 0.00	25.45 0.79 -7.93	24.19 0.55 -12.58	25.04 0.53 -13.95	25.02 0.67 -10.90	26.50 -0.07 -27.93	21.57 0.72 -6.33	26.17 1.19 0.00	26.32 1.21 0.00	31.05 1.38 0.00	32.79 1.40 0.00	35.89 1.62 0.00	34.24 1.59 -0.28	31.95 1.44 0.00	26.76 1.14 -1.33	27.51 1.14 -2.23	29.94 1.31 0.00	27.80 1.17 0.00	31.59 1.41 0.00	39.30 1.67 0.00	35.97 1.58 0.00	31.25 1.33 0.00	34.09 1.50 0.00	51.12 1.95 0.00
CRICKET__VALLEY_CC1 323756	30.28 1.11 0.00	23.94 0.70 -6.51	21.86 0.48 -10.32	22.47 0.45 -11.45	22.95 0.56 -8.94	21.50 -0.06 -22.92	20.33 0.62 -5.20	25.96 0.98 0.00	26.22 1.11 0.00	30.96 1.29 0.00	32.82 1.43 0.00	35.97 1.70 0.00	34.45 1.84 -0.23	32.34 1.83 0.00	26.93 1.56 -1.09	28.29 1.60 -2.55	30.52 1.89 0.00	28.39 1.75 0.00	32.19 2.01 0.00	39.91 2.27 0.00	36.41 2.02 0.00	31.62 1.69 0.00	34.37 1.78 0.00	51.55 2.38 0.00
CRICKET__VALLEY_CC2 323757	30.28 1.11 0.00	23.94 0.70 -6.51	21.86 0.48 -10.32	22.47 0.45 -11.45	22.95 0.56 -8.94	21.50 -0.06 -22.92	20.33 0.62 -5.20	25.96 0.98 0.00	26.22 1.11 0.00	30.96 1.29 0.00	32.82 1.43 0.00	35.97 1.70 0.00	34.45 1.84 -0.23	32.34 1.83 0.00	26.93 1.56 -1.09	28.29 1.60 -2.55	30.52 1.89 0.00	28.39 1.75 0.00	32.19 2.01 0.00	39.91 2.27 0.00	36.41 2.02 0.00	31.62 1.69 0.00	34.37 1.78 0.00	51.55 2.38 0.00
CRICKET__VALLEY_CC3 323758	30.28 1.11 0.00	23.94 0.70 -6.51	21.86 0.48 -10.32	22.47 0.45 -11.45	22.95 0.56 -8.94	21.50 -0.06 -22.92	20.33 0.62 -5.20	25.96 0.98 0.00	26.22 1.11 0.00	30.96 1.29 0.00	32.82 1.43 0.00	35.97 1.70 0.00	34.45 1.84 -0.23	32.34 1.83 0.00	26.93 1.56 -1.09	28.29 1.60 -2.55	30.52 1.89 0.00	28.39 1.75 0.00	32.19 2.01 0.00	39.91 2.27 0.00	36.41 2.02 0.00	31.62 1.69 0.00	34.37 1.78 0.00	51.55 2.38 0.00
CRUCIBLE__METL_DRP 24180	28.97 -0.20 0.00	17.20 -0.07 -0.54	11.85 -0.07 -0.86	11.45 -0.07 -0.96	14.08 -0.11 -0.75	0.56 0.01 -1.91	14.86 -0.09 -0.43	24.79 -0.19 0.00	24.98 -0.13 0.00	29.62 -0.05 0.00	31.39 0.00 0.00	34.26 0.00 0.00	32.37 -0.03 -0.02	30.37 -0.14 0.00	24.23 -0.15 -0.09	24.14 -0.12 -0.12	28.53 -0.10 0.00	26.51 -0.12 0.00	30.09 -0.08 0.00	37.50 -0.14 0.00	34.32 -0.16 -0.10	29.81 -0.11 0.00	32.49 -0.10 0.00	49.30 0.13 0.00
DAHOWA__HYDRO 323763	31.11 1.94 0.00	25.90 1.11 -8.06	24.59 0.75 -12.78	25.47 0.73 -14.17	25.44 0.92 -11.07	26.92 -0.09 -28.38	21.94 0.99 -6.43	26.71 1.73 0.00	26.91 1.80 0.00	31.81 2.14 0.00	33.56 2.17 0.00	36.72 2.45 0.00	34.97 2.31 -0.28	32.59 2.09 0.00	27.22 1.59 -1.35	27.94 1.58 -2.23	30.50 1.87 0.00	28.33 1.69 0.00	32.32 2.14 0.00	40.30 2.66 0.00	36.96 2.57 0.00	32.11 2.18 0.00	35.02 2.43 0.00	52.53 3.36 0.00
DANC__LFGE 323619	28.54 -0.63 0.00	16.65 -0.43 -0.34	11.15 -0.45 -0.54	10.77 -0.39 -0.60	13.54 -0.38 -0.47	-0.14 0.02 -1.20	14.24 -0.55 -0.27	24.01 -0.97 0.00	24.28 -0.84 0.00	28.95 -0.73 0.00	30.63 -0.76 0.00	33.36 -0.90 0.00	31.34 -1.05 -0.01	29.39 -1.11 0.00	23.42 -0.93 -0.06	21.47 -1.03 1.63	27.45 -1.18 0.00	25.59 -1.05 0.00	29.14 -1.04 0.00	36.27 -1.37 0.00	33.45 -1.04 -0.11	29.04 -0.88 0.00	31.55 -1.03 0.00	47.69 -1.47 0.00
DANSKAMMER__1 23586	30.72 1.55 0.00	23.77 0.93 -6.11	21.35 0.60 -9.68	21.88 0.58 -10.74	22.56 0.72 -8.39	20.06 -0.08 -21.50	20.20 0.81 -4.88	26.29 1.32 0.00	26.59 1.48 0.00	31.45 1.78 0.00	33.39 1.99 0.00	36.58 2.32 0.00	35.00 2.41 -0.21	32.93 2.42 0.00	27.41 2.09 -1.02	27.70 2.19 -1.37	31.28 2.65 0.00	29.12 2.48 0.00	33.02 2.84 0.00	40.89 3.26 0.00	37.26 2.88 0.00	32.36 2.43 0.00	35.08 2.49 0.00	52.59 3.42 0.00
DANSKAMMER__2 23589	30.72 1.55 0.00	23.77 0.93 -6.11	21.35 0.60 -9.68	21.88 0.58 -10.74	22.56 0.72 -8.39	20.06 -0.08 -21.50	20.20 0.81 -4.88	26.29 1.32 0.00	26.59 1.48 0.00	31.45 1.78 0.00	33.39 1.99 0.00	36.58 2.32 0.00	35.00 2.41 -0.21	32.93 2.42 0.00	27.41 2.09 -1.02	27.70 2.19 -1.37	31.28 2.65 0.00	29.12 2.48 0.00	33.02 2.84 0.00	40.89 3.26 0.00	37.26 2.88 0.00	32.36 2.43 0.00	35.08 2.49 0.00	52.59 3.42 0.00
DANSKAMMER__3 23590	30.72 1.55 0.00	23.77 0.93 -6.11	21.35 0.60 -9.68	21.88 0.58 -10.74	22.56 0.72 -8.39	20.06 -0.08 -21.50	20.20 0.81 -4.88	26.29 1.32 0.00	26.59 1.48 0.00	31.45 1.78 0.00	33.39 1.99 0.00	36.58 2.32 0.00	35.00 2.41 -0.21	32.93 2.42 0.00	27.41 2.09 -1.02	27.70 2.19 -1.37	31.28 2.65 0.00	29.12 2.48 0.00	33.02 2.84 0.00	40.89 3.26 0.00	37.26 2.88 0.00	32.36 2.43 0.00	35.08 2.49 0.00	52.59 3.42 0.00

DANSKAMMER___4 23591	30.72 1.55 0.00	23.77 0.93 -6.11	21.35 0.60 -9.68	21.88 0.58 -10.74	22.56 0.72 -8.39	20.06 -0.08 -21.50	20.20 0.81 -4.88	26.29 1.32 0.00	26.59 1.48 0.00	31.45 1.78 0.00	33.39 1.99 0.00	36.58 2.32 0.00	35.00 2.41 -0.21	32.93 2.42 0.00	27.41 2.09 -1.02	27.70 2.19 -1.37	31.28 2.65 0.00	29.12 2.48 0.00	33.02 2.84 0.00	40.89 3.26 0.00	37.26 2.88 0.00	32.36 2.43 0.00	35.08 2.49 0.00	52.59 3.42 0.00
DANSKAMMER___DIESEL 23592	30.72 1.55 0.00	23.77 0.93 -6.11	21.35 0.61 -9.68	21.88 0.58 -10.74	22.56 0.72 -8.39	20.06 -0.08 -21.50	20.20 0.81 -4.88	26.30 1.32 0.00	26.59 1.48 0.00	31.45 1.78 0.00	33.38 1.99 0.00	36.58 2.32 0.00	35.00 2.41 -0.21	32.94 2.43 0.00	27.41 2.10 -1.02	27.71 2.20 -1.37	31.28 2.65 0.00	29.12 2.48 0.00	33.01 2.83 0.00	40.89 3.26 0.00	37.26 2.88 0.00	32.35 2.43 0.00	35.08 2.49 0.00	52.59 3.42 0.00
DARBY___SOLAR 323810	30.97 1.80 0.00	25.80 1.03 -8.04	24.51 0.70 -12.75	25.38 0.67 -14.14	25.35 0.85 -11.05	26.87 -0.09 -28.32	21.85 0.92 -6.42	26.57 1.59 0.00	26.76 1.65 0.00	31.63 1.96 0.00	33.36 1.97 0.00	36.51 2.24 0.00	34.78 2.12 -0.28	32.43 1.92 0.00	27.11 1.47 -1.35	27.83 1.46 -2.23	30.36 1.73 0.00	28.20 1.56 0.00	32.15 1.97 0.00	40.07 2.43 0.00	36.74 2.35 0.00	31.93 2.01 0.00	34.82 2.24 0.00	52.25 3.08 0.00
DASHVILLE___HYD 23610	30.41 1.23 0.00	23.83 0.74 -6.36	21.61 0.46 -10.09	22.20 0.44 -11.19	22.75 0.55 -8.75	20.99 -0.06 -22.41	20.22 0.63 -5.08	26.01 1.03 0.00	26.34 1.22 0.00	31.19 1.52 0.00	33.14 1.75 0.00	36.33 2.07 0.00	34.77 2.17 -0.22	32.68 2.18 0.00	27.21 1.85 -1.06	27.56 1.99 -1.43	31.10 2.47 0.00	28.95 2.32 0.00	32.79 2.61 0.00	40.60 2.96 0.00	36.97 2.59 0.00	32.12 2.19 0.00	34.81 2.22 0.00	52.18 3.01 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.86 2.68 0.00	25.61 1.63 -7.24	23.15 1.10 -10.99	36.32 1.08 -24.67	39.19 1.36 -24.38	38.73 -0.14 -40.23	38.25 1.48 -22.26	27.27 2.29 0.00	32.65 2.47 -5.06	39.20 2.98 -6.55	37.21 3.27 -2.55	37.80 3.54 0.00	36.26 3.67 -0.21	35.96 3.80 -1.66	32.99 3.29 -5.40	49.51 3.34 -22.03	52.57 3.96 -19.98	30.24 3.60 0.00	34.28 4.10 0.00	42.27 4.63 0.00	38.30 3.92 0.00	33.12 3.20 0.00	35.78 3.19 0.00	53.33 4.16 0.00
DELAWARE___LFGE 323621	29.76 0.59 0.00	19.54 0.38 -2.43	15.14 0.23 -3.85	15.06 0.22 -4.27	17.05 0.27 -3.34	7.16 -0.03 -8.56	16.75 0.30 -1.94	25.47 0.49 0.00	25.70 0.59 0.00	30.41 0.74 0.00	32.24 0.84 0.00	35.29 1.02 0.00	33.48 1.02 -0.08	31.47 0.97 0.00	25.50 0.80 -0.41	25.55 0.86 -0.54	29.67 1.04 0.00	27.62 0.98 0.00	31.35 1.17 0.00	38.98 1.34 0.00	35.55 1.15 -0.02	30.91 0.98 0.00	33.64 1.05 0.00	50.61 1.45 0.00
DERFIELD_115KV_TB7 355931	29.32 0.14 0.00	16.82 0.09 0.00	11.12 0.06 0.00	10.63 0.06 0.00	13.53 0.08 0.00	-1.37 -0.01 0.00	14.60 0.09 0.00	25.10 0.12 0.00	25.24 0.13 0.00	29.82 0.15 0.00	31.55 0.15 0.00	34.47 0.21 0.00	32.60 0.22 0.00	30.69 0.18 0.00	24.45 0.17 0.00	24.62 0.17 -0.30	28.83 0.20 0.00	26.83 0.19 0.00	30.41 0.23 0.00	37.89 0.25 0.00	34.62 0.24 0.00	30.11 0.18 0.00	32.79 0.21 0.00	49.46 0.30 0.00
DOGLEVILLE___HYD 23807	29.49 0.31 0.00	17.04 0.30 0.00	11.31 0.25 0.00	10.81 0.25 0.00	13.75 0.31 0.00	-1.39 -0.02 0.00	14.83 0.32 0.00	25.44 0.45 0.00	25.57 0.46 0.00	30.00 0.33 0.00	31.66 0.27 0.00	34.83 0.57 0.00	33.06 0.68 0.00	31.17 0.67 0.00	24.85 0.56 0.00	24.97 0.53 -0.30	29.17 0.54 0.00	27.16 0.52 0.00	30.91 0.73 0.00	38.28 0.64 0.00	34.96 0.58 0.00	30.45 0.53 0.00	33.26 0.68 0.00	49.87 0.70 0.00
DUNKIRK___115KV_TB_200 55889	23.10 -1.78 4.29	16.90 -0.77 -0.94	11.93 -0.63 -1.49	11.66 -0.57 -1.66	13.91 -0.83 -1.30	2.02 0.07 -3.32	14.52 -0.74 -0.75	23.54 -1.44 0.00	23.69 -1.43 0.00	28.47 -1.20 0.00	30.25 -1.14 0.00	32.02 -1.24 1.01	26.85 -1.24 4.30	18.25 -1.43 10.82	22.76 -1.39 0.14	23.24 -1.12 -0.22	27.65 -0.98 0.00	25.57 -1.07 0.00	29.15 -1.03 0.00	36.66 -0.98 0.00	33.31 -1.08 0.00	29.01 -0.92 0.00	31.70 -0.88 0.00	47.92 -1.25 0.00
DUNKIRK___1 23563	23.10 -1.78 4.29	16.90 -0.77 -0.94	11.93 -0.63 -1.49	11.66 -0.57 -1.66	13.91 -0.83 -1.30	2.02 0.07 -3.32	14.52 -0.74 -0.75	23.54 -1.44 0.00	23.69 -1.43 0.00	28.47 -1.20 0.00	30.25 -1.14 0.00	32.02 -1.24 1.01	26.85 -1.24 4.30	18.25 -1.43 10.82	22.76 -1.39 0.14	23.24 -1.12 -0.22	27.65 -0.98 0.00	25.57 -1.07 0.00	29.15 -1.03 0.00	36.66 -0.98 0.00	33.31 -1.08 0.00	29.01 -0.92 0.00	31.70 -0.88 0.00	47.92 -1.25 0.00
DUNKIRK___2 23564	23.10 -1.78 4.29	16.90 -0.77 -0.94	11.93 -0.63 -1.49	11.66 -0.57 -1.66	13.91 -0.83 -1.30	2.02 0.07 -3.32	14.52 -0.74 -0.75	23.54 -1.44 0.00	23.69 -1.43 0.00	28.47 -1.20 0.00	30.25 -1.14 0.00	32.02 -1.24 1.01	26.85 -1.24 4.30	18.25 -1.43 10.82	22.76 -1.39 0.14	23.24 -1.12 -0.22	27.65 -0.98 0.00	25.57 -1.07 0.00	29.15 -1.03 0.00	36.66 -0.98 0.00	33.31 -1.08 0.00	29.01 -0.92 0.00	31.70 -0.88 0.00	47.92 -1.25 0.00
DUNKIRK___3 23565	23.26 -1.70 4.22	16.91 -0.76 -0.94	11.94 -0.61 -1.49	11.66 -0.56 -1.65	13.92 -0.81 -1.29	2.00 0.07 -3.30	14.53 -0.73 -0.75	23.55 -1.43 0.00	23.71 -1.41 0.00	28.48 -1.19 0.00	30.25 -1.14 0.00	31.95 -1.23 1.09	26.50 -1.22 4.65	17.37 -1.41 11.73	22.76 -1.37 0.16	23.25 -1.11 -0.22	27.61 -1.02 0.00	25.52 -1.12 0.00	29.07 -1.11 0.00	36.49 -1.14 0.00	33.17 -1.21 0.00	28.92 -1.01 0.00	31.61 -0.98 0.00	47.77 -1.40 0.00
DUNKIRK___4 23566	23.26 -1.70 4.22	16.91 -0.76 -0.94	11.94 -0.61 -1.49	11.66 -0.56 -1.65	13.92 -0.81 -1.29	2.00 0.07 -3.30	14.53 -0.73 -0.75	23.55 -1.43 0.00	23.71 -1.41 0.00	28.48 -1.19 0.00	30.25 -1.14 0.00	31.95 -1.23 1.09	26.50 -1.22 4.65	17.37 -1.41 11.73	22.76 -1.37 0.16	23.25 -1.11 -0.22	27.61 -1.02 0.00	25.52 -1.12 0.00	29.07 -1.11 0.00	36.49 -1.14 0.00	33.17 -1.21 0.00	28.92 -1.01 0.00	31.61 -0.98 0.00	47.77 -1.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.72 1.55 0.00	23.74 0.95 -6.06	21.30 0.62 -9.62	21.82 0.59 -10.66	22.52 0.74 -8.33	19.91 -0.08 -21.36	20.19 0.83 -4.84	26.31 1.33 0.00	26.63 1.52 0.00	31.46 1.80 0.00	33.41 2.02 0.00	36.64 2.37 0.00	35.12 2.53 -0.21	32.98 2.47 0.00	27.48 2.17 -1.02	30.42 2.26 -4.02	31.37 2.74 0.00	29.20 2.57 0.00	33.08 2.90 0.00	40.95 3.31 0.00	37.26 2.87 0.00	32.35 2.42 0.00	35.05 2.46 0.00	52.51 3.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.49 1.32 0.00	23.38 0.79 -5.85	20.86 0.51 -9.29	21.35 0.49 -10.30	22.11 0.61 -8.05	19.19 -0.07 -20.62	19.88 0.69 -4.68	26.08 1.10 0.00	26.38 1.26 0.00	31.18 1.51 0.00	33.10 1.71 0.00	36.27 2.01 0.00	34.70 2.12 -0.21	32.64 2.14 0.00	27.14 1.87 -0.98	26.60 1.96 -0.51	31.00 2.37 0.00	28.87 2.24 0.00	32.71 2.54 0.00	40.54 2.90 0.00	36.95 2.56 0.00	32.08 2.16 0.00	34.78 2.20 0.00	52.16 2.99 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.89 1.72 0.00	23.83 1.04 -6.06	21.34 0.67 -9.62	21.86 0.63 -10.66	22.59 0.80 -8.34	19.91 -0.09 -21.36	20.26 0.90 -4.85	26.38 1.41 0.00	26.76 1.64 0.00	31.56 1.89 0.00	33.51 2.12 0.00	36.70 2.44 0.00	35.17 2.58 -0.21	33.13 2.63 0.00	27.63 2.31 -1.02	30.55 2.38 -4.03	31.49 2.86 0.00	29.33 2.69 0.00	33.19 3.01 0.00	41.08 3.45 0.00	37.39 3.01 0.00	32.48 2.56 0.00	35.19 2.60 0.00	52.64 3.47 0.00
E179THST_13_KV_LOAD 356214	31.04 1.87 0.00	23.92 1.12 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.33 0.97 -4.85	26.51 1.53 0.00	26.88 1.77 0.00	31.72 2.05 0.00	33.68 2.29 0.00	36.89 2.63 0.00	35.36 2.77 -0.21	33.31 2.80 0.00	27.77 2.46 -1.02	30.69 2.53 -4.03	31.66 3.03 0.00	29.49 2.85 0.00	33.37 3.19 0.00	41.31 3.67 0.00	37.60 3.22 0.00	32.66 2.74 0.00	35.38 2.80 0.00	52.93 3.77 0.00
EAST HAMPTON___GT 23717	32.22 3.04 0.00	25.80 1.82 -7.24	23.26 1.21 -10.99	36.42 1.17 -24.68	39.32 1.49 -24.38	38.72 -0.15 -40.23	38.36 1.59 -22.26	27.47 2.49 0.00	32.86 2.68 -5.06	39.43 3.21 -6.55	37.40 3.46 -2.55	38.11 3.85 0.00	36.53 3.93 -0.21	36.28 4.12 -1.66	33.22 3.52 -5.40	49.70 3.53 -22.03	52.68 4.07 -19.99	30.34 3.71 0.00	34.32 4.14 0.00	42.28 4.64 0.00	38.27 3.89 0.00	33.05 3.12 0.00	35.66 3.08 0.00	53.13 3.96 0.00
EAST RIVER___6 23660	30.75 1.58 0.00	23.77 0.98 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.38 1.40 0.00	26.73 1.62 0.00	31.57 1.89 0.00	33.53 2.14 0.00	36.77 2.50 0.00	35.27 2.68 -0.21	33.16 2.66 0.00	27.69 2.38 -1.02	30.64 2.47 -4.03	31.65 3.02 0.00	29.47 2.83 0.00	33.36 3.18 0.00	41.24 3.60 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.24 2.65 0.00	52.76 3.59 0.00
EAST RIVER___7 23524	30.75 1.58 0.00	23.77 0.98 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.38 1.40 0.00	26.73 1.62 0.00	31.57 1.89 0.00	33.53 2.14 0.00	36.77 2.50 0.00	35.27 2.68 -0.21	33.16 2.66 0.00	27.69 2.38 -1.02	30.64 2.47 -4.03	31.65 3.02 0.00	29.47 2.83 0.00	33.36 3.18 0.00	41.24 3.60 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.24 2.65 0.00	52.76 3.59 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.66 1.49 0.00	23.69 0.91 -6.05	21.25 0.59 -9.60	21.78 0.57 -10.65	22.47 0.71 -8.32	19.87 -0.08 -21.32	20.15 0.80 -4.83	26.25 1.27 0.00	26.56 1.45 0.00	31.39 1.72 0.00	33.33 1.94 0.00	36.54 2.27 0.00	35.00 2.41 -0.21	32.90 2.39 0.00	27.41 2.10 -1.02	30.51 2.17 -4.20	31.27 2.64 0.00	29.11 2.47 0.00	32.98 2.81 0.00	40.83 3.19 0.00	37.16 2.78 0.00	32.27 2.34 0.00	34.97 2.38 0.00	52.39 3.22 0.00
EAST_HAMPTON___DIESEL 23722	32.22 3.04 0.00	25.79 1.81 -7.24	23.25 1.20 -10.99	36.41 1.17 -24.68	39.32 1.49 -24.38	38.72 -0.15 -40.23	38.35 1.58 -22.26	27.45 2.48 0.00	32.84 2.67 -5.06	39.40 3.18 -6.55	37.37 3.43 -2.55	38.08 3.82 0.00	36.50 3.90 -0.21	36.26 4.10 -1.66	33.20 3.50 -5.40	49.67 3.50 -22.03	52.64 4.02 -19.99	30.30 3.66 0.00	34.25 4.07 0.00	42.20 4.56 0.00	38.18 3.80 0.00	32.98 3.05 0.00	35.58 3.00 0.00	53.00 3.83 0.00
EAST_POINT___SOLAR 323840	30.84 1.67 0.00	26.57 0.90 -8.94	25.80 0.57 -14.18	26.83 0.55 -15.72	26.41 0.68 -12.29	30.05 -0.07 -31.49	22.39 0.74 -7.14	26.19 1.21 0.00	26.45 1.34 0.00	31.01 1.34 0.00	32.88 1.49 0.00	36.05 1.78 0.00	34.43 1.74 -0.31	32.32 1.81 0.00	27.11 1.32 -1.50	27.56 1.41 -2.01	30.27 1.64 0.00	28.15 1.52 0.00	32.06 1.88 0.00	40.05 2.41 0.00	36.64 2.25 0.00	31.96 2.04 0.00	34.80 2.21 0.00	52.48 3.31 0.00
EAST_PULASKI___ESR 323781	28.65 -0.52 0.00	16.81 -0.31 -0.39	11.39 -0.29 -0.62	11.00 -0.26 -0.69	13.70 -0.29 -0.54	0.03 0.02 -1.38	14.46 -0.37 -0.31	24.32 -0.66 0.00	24.54 -0.57 0.00	29.21 -0.46 0.00	30.92 -0.47 0.00	33.72 -0.55 0.00	31.77 -0.62 -0.01	29.78 -0.72 0.00	23.73 -0.62 -0.07	22.72 -0.66 0.76	27.86 -0.77 0.00	25.95 -0.69 0.00	29.48 -0.70 0.00	36.72 -0.92 0.00	33.78 -0.76 -0.16	29.29 -0.63 0.00	31.92 -0.66 0.00	48.36 -0.81 0.00
EAST_RIVER___1 323558	30.78 1.61 0.00	23.79 0.99 -6.06	21.32 0.64 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.89 -4.84	26.38 1.40 0.00	26.72 1.60 0.00	31.57 1.90 0.00	33.52 2.13 0.00	36.76 2.50 0.00	35.26 2.67 -0.21	33.15 2.64 0.00	27.64 2.33 -1.02	30.60 2.43 -4.03	31.59 2.96 0.00	29.42 2.78 0.00	33.32 3.14 0.00	41.21 3.57 0.00	37.45 3.07 0.00	32.53 2.61 0.00	35.21 2.63 0.00	52.73 3.56 0.00
EAST_RIVER___2 323559	30.75 1.58 0.00	23.77 0.98 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.38 1.40 0.00	26.73 1.62 0.00	31.57 1.89 0.00	33.53 2.14 0.00	36.77 2.50 0.00	35.27 2.68 -0.21	33.16 2.66 0.00	27.69 2.38 -1.02	30.64 2.47 -4.03	31.65 3.02 0.00	29.47 2.83 0.00	33.36 3.18 0.00	41.24 3.60 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.24 2.65 0.00	52.76 3.59 0.00
EAST___DELAWARE_HYD 23607	29.61 0.43 0.00	22.42 0.27 -5.41	19.80 0.16 -8.59	20.24 0.15 -9.52	21.07 0.18 -7.44	17.68 -0.02 -19.07	19.06 0.22 -4.32	25.31 0.33 0.00	25.61 0.50 0.00	30.33 0.66 0.00	32.20 0.81 0.00	35.28 1.02 0.00	33.50 0.93 -0.19	30.86 0.35 0.00	25.71 0.51 -0.91	25.42 0.62 -0.65	29.44 0.81 0.00	27.43 0.80 0.00	31.09 0.91 0.00	38.53 0.89 0.00	35.21 0.83 0.00	31.27 1.34 0.00	33.89 1.30 0.00	50.83 1.67 0.00
EIGHT_POINT___WT_PWR 323820	17.06 -2.22 9.89	16.66 -1.24 -1.17	11.98 -0.94 -1.86	11.76 -0.86 -2.06	13.89 -1.17 -1.61	2.86 0.11 -4.12	14.35 -1.10 -0.93	23.01 -1.97 0.00	23.20 -1.91 0.00	27.69 -1.99 0.00	29.47 -1.92 0.00	36.20 -1.73 -3.67	46.75 -1.72 -16.09	70.32 -1.87 -41.69	23.80 -1.89 -1.39	22.79 -1.62 -0.27	27.16 -1.47 0.00	25.40 -1.23 0.00	28.71 -1.48 0.00	36.30 -1.34 0.00	32.93 -1.47 -0.02	28.64 -1.28 0.00	31.29 -1.29 0.00	46.93 -2.24 0.00
ELBRIDGE_115KV_TB2 80188	28.82 -0.36 0.00	17.17 -0.15 -0.59	11.87 -0.12 -0.93	11.48 -0.11 -1.03	14.08 -0.17 -0.80	0.71 0.01 -2.06	14.84 -0.14 -0.47	24.70 -0.28 0.00	24.87 -0.24 0.00	29.48 -0.19 0.00	31.27 -0.12 0.00	34.09 -0.18 0.00	32.23 -0.17 -0.02	30.23 -0.28 0.00	24.13 -0.26 -0.10	24.04 -0.23 -0.13	28.40 -0.23 0.00	26.37 -0.27 0.00	29.96 -0.22 0.00	37.33 -0.31 0.00	34.16 -0.33 -0.10	29.68 -0.24 0.00	32.33 -0.25 0.00	49.07 -0.10 0.00
ELEC_TRO_TEK 24086	31.05 1.88 0.00	25.13 1.15 -7.24	22.80 0.75 -10.99	35.96 0.72 -24.67	38.74 0.91 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.62 0.00	32.01 1.83 -5.06	38.41 2.18 -6.55	36.38 2.44 -2.55	36.97 2.70 0.00	35.43 2.84 -0.21	35.00 2.84 -1.66	32.17 2.48 -5.40	48.74 2.57 -22.03	51.72 3.10 -19.98	29.50 2.86 0.00	33.44 3.26 0.00	41.34 3.69 0.00	37.59 3.21 0.00	32.64 2.71 0.00	35.36 2.78 0.00	52.93 3.76 0.00

ELLENBURG_WT_PWR 323604	29.14 -0.03 0.00	16.51 -0.22 0.00	10.82 -0.24 0.00	10.28 -0.29 0.00	13.05 -0.40 0.00	-1.31 0.06 0.00	13.89 -0.62 0.00	24.17 -0.81 0.00	24.27 -0.84 0.00	28.67 -1.00 0.00	30.32 -1.07 0.00	33.07 -1.20 0.00	31.05 -1.33 0.00	29.45 -1.06 0.00	23.16 -1.14 0.00	22.30 -1.45 0.39	26.76 -1.87 0.00	25.00 -1.64 0.00	28.53 -1.65 0.00	35.93 -1.71 0.00	32.95 -1.43 0.00	28.87 -1.06 0.00	31.46 -1.13 0.00	47.42 -1.74 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.69 -1.58 3.91	16.78 -0.85 -0.89	11.83 -0.64 -1.41	11.54 -0.59 -1.56	13.81 -0.86 -1.22	1.83 0.07 -3.14	14.46 -0.77 -0.71	23.38 -1.60 0.00	23.54 -1.57 0.00	28.28 -1.39 0.00	30.03 -1.36 0.00	31.60 -1.50 1.16	25.86 -1.51 5.00	16.17 -1.71 12.62	22.52 -1.58 0.20	23.05 -1.30 -0.21	27.30 -1.33 0.00	25.16 -1.48 0.00	28.61 -1.56 0.00	35.93 -1.71 0.00	32.66 -1.73 0.00	28.53 -1.40 0.00	31.21 -1.38 0.00	47.12 -2.05 0.00
EMPIRE_CC_1 323656	30.26 1.08 0.00	24.90 0.68 -7.49	23.41 0.48 -11.88	24.20 0.46 -13.17	24.33 0.59 -10.29	24.96 -0.06 -26.38	21.10 0.61 -5.98	25.95 0.97 0.00	26.08 0.97 0.00	30.73 1.06 0.00	32.46 1.07 0.00	35.53 1.26 0.00	33.92 1.27 -0.26	31.64 1.13 0.00	26.43 0.89 -1.25	27.28 0.88 -2.26	29.61 0.98 0.00	27.51 0.87 0.00	31.21 1.03 0.00	38.76 1.12 0.00	35.44 1.06 0.00	30.81 0.88 0.00	33.59 1.01 0.00	50.34 1.17 0.00
EMPIRE_CC_2 323658	30.26 1.08 0.00	24.90 0.68 -7.49	23.41 0.48 -11.88	24.20 0.46 -13.17	24.33 0.59 -10.29	24.96 -0.06 -26.38	21.10 0.61 -5.98	25.95 0.97 0.00	26.08 0.97 0.00	30.73 1.06 0.00	32.46 1.07 0.00	35.53 1.26 0.00	33.92 1.27 -0.26	31.64 1.13 0.00	26.43 0.89 -1.25	27.28 0.88 -2.26	29.61 0.98 0.00	27.51 0.87 0.00	31.21 1.03 0.00	38.76 1.12 0.00	35.44 1.06 0.00	30.81 0.88 0.00	33.59 1.01 0.00	50.34 1.17 0.00
ENORWICH_115KV_TB1 80156	36.31 0.48 -6.65	18.91 0.40 -1.78	14.10 0.22 -2.82	13.91 0.22 -3.13	16.02 0.13 -2.45	4.88 -0.02 -6.27	16.13 0.19 -1.42	25.38 0.40 0.00	25.58 0.47 0.00	30.38 0.71 0.00	32.32 0.93 0.00	35.69 1.26 -0.17	34.25 1.08 -0.79	32.37 1.03 -0.84	25.32 0.74 -0.29	25.31 0.77 -0.40	29.58 0.95 0.00	27.67 1.04 0.00	31.55 1.37 0.00	39.29 1.65 0.00	35.81 1.39 -0.04	31.27 1.35 0.00	34.19 1.61 0.00	51.24 2.07 0.00
ERIE_ST__34_KV_TB1-2 80199	23.81 -1.26 4.10	17.01 -0.65 -0.92	11.99 -0.53 -1.46	11.70 -0.49 -1.62	13.99 -0.72 -1.27	1.94 0.06 -3.26	14.63 -0.62 -0.74	23.70 -1.28 0.00	23.87 -1.24 0.00	28.72 -0.96 0.00	30.49 -0.90 0.00	32.35 -0.93 0.98	27.26 -0.91 4.21	18.78 -1.13 10.60	22.99 -1.17 0.13	23.45 -0.91 -0.22	27.78 -0.85 0.00	25.63 -1.00 0.00	29.16 -1.02 0.00	36.56 -1.08 0.00	33.23 -1.16 0.00	29.01 -0.92 0.00	31.71 -0.87 0.00	47.89 -1.28 0.00
ERIE_WT_PWR 323693	23.64 -1.47 4.06	16.88 -0.77 -0.91	11.91 -0.60 -1.45	11.61 -0.56 -1.61	13.87 -0.83 -1.25	1.91 0.06 -3.21	14.52 -0.72 -0.73	23.48 -1.50 0.00	23.62 -1.49 0.00	28.40 -1.27 0.00	30.16 -1.23 0.00	31.83 -1.33 1.11	26.29 -1.33 4.76	16.99 -1.51 12.01	22.66 -1.46 0.18	23.19 -1.17 -0.21	27.44 -1.19 0.00	25.30 -1.34 0.00	28.78 -1.40 0.00	36.15 -1.49 0.00	32.89 -1.50 0.00	28.70 -1.23 0.00	31.41 -1.17 0.00	47.41 -1.75 0.00
ESPRGFLD_115KV_TB1 80157	30.07 0.90 0.00	16.88 0.45 0.30	10.84 0.26 0.49	10.28 0.26 0.54	13.33 0.31 0.42	-2.48 -0.03 1.08	14.61 0.34 0.24	25.56 0.58 0.00	25.85 0.74 0.00	30.60 0.93 0.00	32.46 1.07 0.00	35.61 1.34 0.00	33.58 1.21 0.01	31.69 1.18 0.00	25.14 0.90 0.05	25.02 0.94 0.07	29.79 1.16 0.00	27.83 1.19 0.00	31.51 1.34 0.00	39.31 1.67 0.00	35.81 1.43 0.00	31.20 1.28 0.00	33.98 1.40 0.00	51.29 2.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.09 0.10 -15.81	18.19 0.14 -1.32	13.21 0.06 -2.09	12.94 0.06 -2.31	15.29 0.04 -1.81	3.26 -0.01 -4.64	15.65 0.09 -1.05	25.11 0.13 0.00	25.30 0.18 0.00	30.03 0.36 0.00	31.88 0.49 0.00	35.15 0.59 -0.29	34.23 0.53 -1.32	32.38 0.40 -1.47	24.77 0.27 -0.22	24.74 0.31 -0.29	29.07 0.45 0.00	27.06 0.42 0.00	30.74 0.56 0.00	38.26 0.62 0.00	35.01 0.56 -0.06	30.46 0.54 0.00	33.16 0.58 0.00	50.13 0.96 0.00
ETNA____115KV_TB2 80207	45.09 0.10 -15.81	18.19 0.14 -1.32	13.21 0.06 -2.09	12.94 0.06 -2.31	15.29 0.04 -1.81	3.26 -0.01 -4.64	15.65 0.09 -1.05	25.11 0.13 0.00	25.30 0.18 0.00	30.03 0.36 0.00	31.88 0.49 0.00	35.15 0.59 -0.29	34.23 0.53 -1.32	32.38 0.40 -1.47	24.77 0.27 -0.22	24.74 0.31 -0.29	29.07 0.45 0.00	27.06 0.42 0.00	30.74 0.56 0.00	38.26 0.62 0.00	35.01 0.56 -0.06	30.46 0.54 0.00	33.16 0.58 0.00	50.13 0.96 0.00
EUCLID____115KV_TB2 356179	28.74 -0.44 0.00	16.96 -0.22 -0.45	11.61 -0.17 -0.72	11.20 -0.16 -0.80	13.85 -0.22 -0.62	0.25 0.02 -1.60	14.67 -0.21 -0.36	24.57 -0.41 0.00	24.75 -0.36 0.00	29.36 -0.31 0.00	31.09 -0.30 0.00	33.93 -0.33 0.00	32.04 -0.36 -0.02	30.05 -0.46 0.00	23.97 -0.40 -0.08	23.87 -0.37 -0.09	28.21 -0.42 0.00	26.23 -0.40 0.00	29.75 -0.43 0.00	37.09 -0.55 0.00	33.90 -0.53 -0.05	29.49 -0.44 0.00	32.15 -0.43 0.00	48.78 -0.39 0.00
E_CANADA_CAP_HY 24051	30.54 1.37 0.00	26.69 0.70 -9.26	26.19 0.43 -14.69	27.28 0.42 -16.29	26.70 0.52 -12.73	31.21 -0.05 -32.63	22.47 0.56 -7.40	25.92 0.95 0.00	26.21 1.09 0.00	30.92 1.25 0.00	32.70 1.31 0.00	35.89 1.62 0.00	34.16 1.46 -0.33	31.96 1.46 0.00	26.94 1.09 -1.55	27.32 1.10 -2.08	29.92 1.29 0.00	27.93 1.30 0.00	31.65 1.47 0.00	39.51 1.87 0.00	36.07 1.68 0.00	31.47 1.54 0.00	34.31 1.72 0.00	51.85 2.69 0.00
E_CANADA_MHWK_HY 24050	29.49 0.31 0.00	17.04 0.30 0.00	11.31 0.25 0.00	10.81 0.25 0.00	13.75 0.31 0.00	-1.39 -0.02 0.00	14.83 0.32 0.00	25.44 0.45 0.00	25.57 0.46 0.00	30.00 0.33 0.00	31.66 0.27 0.00	34.83 0.57 0.00	33.06 0.68 0.00	31.17 0.67 0.00	24.85 0.56 0.00	24.97 0.53 -0.30	29.17 0.54 0.00	27.16 0.52 0.00	30.91 0.73 0.00	38.28 0.64 0.00	34.96 0.58 0.00	30.45 0.53 0.00	33.26 0.68 0.00	49.87 0.70 0.00
E_FISHKILL____LBMP 23776	30.43 1.26 0.00	23.78 0.77 -6.28	21.53 0.51 -9.96	22.10 0.49 -11.04	22.69 0.61 -8.63	20.68 -0.07 -22.11	20.21 0.68 -5.01	26.06 1.08 0.00	26.34 1.23 0.00	31.11 1.44 0.00	33.00 1.61 0.00	36.17 1.90 0.00	34.63 2.03 -0.22	32.56 2.06 0.00	27.13 1.79 -1.05	28.33 1.86 -2.33	30.87 2.24 0.00	28.73 2.09 0.00	32.56 2.38 0.00	40.35 2.71 0.00	36.75 2.37 0.00	31.91 1.99 0.00	34.63 2.05 0.00	51.92 2.75 0.00
FALCON____SEABRD_CC1 323796	29.49 0.32 0.00	16.70 -0.03 0.00	10.95 -0.11 0.00	10.40 -0.17 0.00	13.20 -0.25 0.00	-1.32 0.05 0.00	14.01 -0.50 0.00	24.43 -0.55 0.00	24.56 -0.55 0.00	29.03 -0.64 0.00	30.72 -0.67 0.00	33.50 -0.77 0.00	31.43 -0.95 0.00	29.76 -0.75 0.00	23.39 -0.90 0.00	22.56 -1.17 0.41	27.07 -1.56 0.00	25.28 -1.36 0.00	28.86 -1.32 0.00	36.38 -1.26 0.00	33.37 -1.01 0.00	29.22 -0.71 0.00	31.84 -0.74 0.00	47.88 -1.29 0.00

FALCON___SEABRD_CC2 323797	29.49 0.32 0.00	16.70 -0.03 0.00	10.95 -0.11 0.00	10.40 -0.17 0.00	13.20 -0.25 0.00	-1.32 0.05 0.00	14.01 -0.50 0.00	24.43 -0.55 0.00	24.56 -0.55 0.00	29.03 -0.64 0.00	30.72 -0.67 0.00	33.50 -0.77 0.00	31.43 -0.95 0.00	29.76 -0.75 0.00	23.39 -0.90 0.00	22.56 -1.17 0.41	27.07 -1.56 0.00	25.28 -1.36 0.00	28.86 -1.32 0.00	36.38 -1.26 0.00	33.37 -1.01 0.00	29.22 -0.71 0.00	31.84 -0.74 0.00	47.88 -1.29 0.00
FAR ROCKAWAY___4 23548	31.43 2.26 0.00	25.34 1.36 -7.24	22.94 0.89 -10.99	36.09 0.85 -24.67	38.89 1.07 -24.38	38.76 -0.12 -40.23	37.96 1.19 -22.26	26.92 1.94 0.00	32.32 2.14 -5.06	38.84 2.61 -6.55	36.85 2.90 -2.55	37.50 3.23 0.00	35.95 3.36 -0.21	35.55 3.39 -1.66	32.62 2.92 -5.40	49.16 2.99 -22.03	52.25 3.64 -19.98	29.99 3.36 0.00	33.99 3.81 0.00	41.99 4.35 0.00	38.17 3.79 0.00	33.17 3.25 0.00	35.87 3.29 0.00	53.70 4.53 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.80 1.63 0.00	23.80 1.01 -6.06	21.33 0.65 -9.62	21.85 0.62 -10.66	22.57 0.79 -8.33	19.91 -0.08 -21.36	20.24 0.89 -4.84	26.39 1.42 0.00	26.73 1.62 0.00	31.58 1.91 0.00	33.54 2.15 0.00	36.78 2.52 0.00	35.28 2.69 -0.21	33.17 2.66 0.00	27.65 2.34 -1.02	30.60 2.43 -4.03	31.60 2.97 0.00	29.43 2.79 0.00	33.32 3.14 0.00	41.22 3.58 0.00	37.46 3.08 0.00	32.53 2.61 0.00	35.23 2.64 0.00	52.75 3.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.82 1.64 0.00	23.81 1.02 -6.06	21.34 0.66 -9.62	21.86 0.63 -10.66	22.57 0.79 -8.33	19.91 -0.08 -21.36	20.25 0.90 -4.84	26.40 1.42 0.00	26.74 1.63 0.00	31.60 1.93 0.00	33.56 2.17 0.00	36.80 2.53 0.00	35.30 2.71 -0.21	33.18 2.68 0.00	27.66 2.35 -1.02	30.62 2.45 -4.03	31.62 2.99 0.00	29.44 2.81 0.00	33.34 3.16 0.00	41.24 3.60 0.00	37.49 3.11 0.00	32.56 2.63 0.00	35.25 2.66 0.00	52.79 3.62 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.79 1.61 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.89 -4.84	26.38 1.40 0.00	26.72 1.60 0.00	31.57 1.89 0.00	33.52 2.13 0.00	36.76 2.50 0.00	35.26 2.67 -0.21	33.15 2.64 0.00	27.63 2.32 -1.02	30.59 2.42 -4.03	31.58 2.95 0.00	29.40 2.77 0.00	33.29 3.11 0.00	41.20 3.56 0.00	37.44 3.05 0.00	32.52 2.59 0.00	35.21 2.62 0.00	52.72 3.55 0.00
FARRAGUT___LBMP 323566	30.76 1.59 0.00	23.78 0.98 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.87 -4.84	26.37 1.39 0.00	26.69 1.58 0.00	31.55 1.88 0.00	33.50 2.11 0.00	36.73 2.46 0.00	35.23 2.64 -0.21	33.12 2.62 0.00	27.61 2.30 -1.02	30.57 2.40 -4.03	31.56 2.93 0.00	29.38 2.74 0.00	33.27 3.09 0.00	41.17 3.52 0.00	37.42 3.03 0.00	32.49 2.57 0.00	35.18 2.60 0.00	52.68 3.52 0.00
FENNER___WINDPWR 24204	33.26 0.23 -3.86	17.65 0.14 -0.77	12.36 0.08 -1.22	12.00 0.08 -1.36	14.59 0.08 -1.06	1.34 -0.01 -2.72	15.22 0.09 -0.62	25.11 0.13 0.00	25.28 0.17 0.00	29.94 0.27 0.00	31.78 0.39 0.00	34.72 0.45 0.00	32.81 0.41 -0.03	30.81 0.30 0.00	24.61 0.19 -0.13	24.88 0.22 -0.52	28.91 0.28 0.00	26.93 0.29 0.00	30.56 0.38 0.00	38.09 0.45 0.00	34.91 0.49 -0.04	30.38 0.46 0.00	33.10 0.51 0.00	49.91 0.74 0.00
FIBERTEK___ENERGY 23856	28.97 -0.20 0.00	17.20 -0.07 -0.54	11.85 -0.07 -0.86	11.45 -0.07 -0.96	14.08 -0.11 -0.75	0.56 0.01 -1.91	14.86 -0.09 -0.43	24.79 -0.19 0.00	24.98 -0.13 0.00	29.62 -0.05 0.00	31.39 0.00 0.00	34.26 0.00 0.00	32.37 -0.03 -0.02	30.37 -0.14 0.00	24.23 -0.15 -0.09	24.14 -0.12 -0.12	28.53 -0.10 0.00	26.51 -0.12 0.00	30.09 -0.08 0.00	37.50 -0.14 0.00	34.32 -0.16 -0.10	29.81 -0.11 0.00	32.49 -0.10 0.00	49.30 0.13 0.00
FITZPATRICK____ 23598	28.39 -0.78 0.00	16.62 -0.43 -0.33	11.28 -0.30 -0.52	10.86 -0.28 -0.57	13.52 -0.37 -0.45	-0.18 0.04 -1.14	14.39 -0.38 -0.26	24.28 -0.69 0.00	24.45 -0.67 0.00	28.96 -0.71 0.00	30.66 -0.73 0.00	33.42 -0.85 0.00	31.55 -0.84 -0.01	29.60 -0.91 0.00	23.58 -0.77 -0.05	23.45 -0.76 -0.07	27.73 -0.90 0.00	25.78 -0.85 0.00	29.23 -0.95 0.00	36.45 -1.19 0.00	32.73 -1.10 0.55	28.99 -0.94 0.00	31.63 -0.95 0.00	48.07 -1.10 0.00
FLOWRFLD_69_KV_BK1 356044	31.38 2.21 0.00	25.35 1.37 -7.24	22.97 0.91 -10.99	36.14 0.89 -24.67	38.95 1.13 -24.38	38.75 -0.12 -40.23	38.01 1.25 -22.26	26.93 1.95 0.00	32.33 2.15 -5.06	38.80 2.57 -6.55	36.78 2.84 -2.55	37.24 2.98 0.00	35.72 3.12 -0.21	35.37 3.21 -1.66	32.50 2.80 -5.40	48.99 2.82 -22.03	52.03 3.42 -19.98	29.68 3.05 0.00	33.73 3.55 0.00	41.70 4.06 0.00	37.84 3.45 0.00	32.82 2.89 0.00	35.52 2.93 0.00	53.02 3.85 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.77 1.60 0.00	23.84 0.97 -6.14	21.43 0.63 -9.74	21.96 0.60 -10.80	22.63 0.75 -8.44	20.18 -0.08 -21.62	20.25 0.84 -4.90	26.35 1.38 0.00	26.65 1.54 0.00	31.52 1.85 0.00	33.46 2.07 0.00	36.67 2.40 0.00	35.08 2.49 -0.22	33.01 2.51 0.00	27.48 2.16 -1.03	27.78 2.26 -1.38	31.36 2.73 0.00	29.19 2.56 0.00	33.08 2.90 0.00	40.99 3.35 0.00	37.36 2.97 0.00	32.43 2.50 0.00	35.17 2.58 0.00	52.70 3.53 0.00
FORT ORANGE____ 23900	30.37 1.20 0.00	25.23 0.73 -7.76	23.86 0.50 -12.31	24.69 0.48 -13.65	24.72 0.60 -10.66	25.91 -0.06 -27.33	21.37 0.66 -6.20	26.03 1.05 0.00	26.07 0.96 0.00	30.61 0.94 0.00	32.35 0.96 0.00	35.37 1.10 0.00	33.77 1.12 -0.27	31.56 1.06 0.00	26.51 0.92 -1.30	27.23 0.92 -2.17	29.66 1.03 0.00	27.57 0.93 0.00	31.27 1.09 0.00	38.89 1.26 0.00	35.55 1.17 0.00	30.89 0.96 0.00	33.63 1.05 0.00	50.45 1.28 0.00
FORT_DRUM_COGEN 23780	28.67 -0.51 0.00	16.60 -0.40 -0.27	10.98 -0.51 -0.43	10.62 -0.42 -0.47	13.47 -0.34 -0.37	-0.40 0.02 -0.94	14.15 -0.57 -0.21	23.99 -0.98 0.00	24.29 -0.82 0.00	28.95 -0.72 0.00	30.64 -0.75 0.00	33.37 -0.90 0.00	31.28 -1.11 -0.01	29.35 -1.16 0.00	23.39 -0.94 -0.05	20.15 -1.14 2.85	27.40 -1.23 0.00	25.57 -1.06 0.00	29.21 -0.97 0.00	36.33 -1.31 0.00	33.60 -0.86 -0.08	29.17 -0.75 0.00	31.59 -0.99 0.00	47.59 -1.58 0.00
FOX_HILLS___ESR 323835	30.97 1.79 0.00	23.89 1.09 -6.06	21.38 0.70 -9.62	21.90 0.67 -10.66	22.63 0.84 -8.34	19.90 -0.09 -21.36	20.31 0.95 -4.85	26.47 1.50 0.00	26.83 1.72 0.00	31.68 2.01 0.00	33.63 2.24 0.00	36.86 2.59 0.00	35.33 2.74 -0.21	33.28 2.77 0.00	27.78 2.47 -1.02	30.70 2.54 -4.03	31.70 3.07 0.00	29.48 2.85 0.00	33.36 3.18 -0.01	41.28 3.63 -0.01	37.56 3.16 -0.01	32.63 2.69 -0.01	35.33 2.74 -0.01	52.79 3.63 0.00
FPL FAR_ROCK_GT1 24212	31.44 2.26 0.00	25.34 1.36 -7.24	22.94 0.89 -10.99	36.09 0.85 -24.68	38.89 1.07 -24.38	38.76 -0.11 -40.23	37.96 1.19 -22.26	26.92 1.94 0.00	32.32 2.14 -5.06	38.84 2.61 -6.55	36.84 2.90 -2.55	37.50 3.23 0.00	35.94 3.35 -0.21	35.54 3.37 -1.66	32.62 2.92 -5.40	49.16 2.99 -22.03	52.26 3.64 -19.99	29.99 3.36 0.00	33.99 3.81 0.00	41.99 4.35 0.00	38.17 3.78 0.00	33.17 3.25 0.00	35.87 3.29 0.00	53.70 4.53 0.00

FPL FAR_ROCK_GT2 23815	31.44 2.26 0.00	25.34 1.36 -7.24	22.94 0.89 -10.99	36.09 0.85 -24.68	38.89 1.07 -24.38	38.76 -0.11 -40.23	37.96 1.19 -22.26	26.92 1.94 0.00	32.32 2.14 -5.06	38.84 2.61 -6.55	36.84 2.90 -2.55	37.50 3.23 0.00	35.94 3.35 -0.21	35.54 3.37 -1.66	32.62 2.92 -5.40	49.16 2.99 -22.03	52.26 3.64 -19.99	29.99 3.36 0.00	33.99 3.81 0.00	41.99 4.35 0.00	38.17 3.78 0.00	33.17 3.25 0.00	35.87 3.29 0.00	53.70 4.53 0.00
FRANKLIN_FALL_HYD 24054	29.15 -0.03 0.00	16.52 -0.21 0.00	10.84 -0.22 0.00	10.31 -0.26 0.00	13.10 -0.35 0.00	-1.32 0.05 0.00	14.02 -0.50 0.00	24.36 -0.62 0.00	24.50 -0.61 0.00	28.95 -0.72 0.00	30.59 -0.80 0.00	33.32 -0.95 0.00	31.31 -1.07 0.00	29.70 -0.81 0.00	23.44 -0.85 0.00	22.18 -1.15 0.81	27.18 -1.45 0.00	25.36 -1.28 0.00	28.84 -1.34 0.00	36.30 -1.34 0.00	33.30 -1.08 0.00	29.13 -0.80 0.00	31.67 -0.92 0.00	47.70 -1.47 0.00
FREEPORT_EQUS_GT1 23764	31.24 2.07 0.00	25.23 1.26 -7.24	22.87 0.82 -10.99	36.03 0.79 -24.68	38.82 0.99 -24.38	38.76 -0.11 -40.23	37.87 1.10 -22.26	26.75 1.77 0.00	32.16 1.99 -5.06	38.63 2.40 -6.55	36.63 2.68 -2.55	37.20 2.94 0.00	35.65 3.06 -0.21	35.25 3.08 -1.66	32.31 2.61 -5.40	48.86 2.68 -22.03	51.88 3.27 -19.99	29.65 3.01 0.00	33.62 3.44 0.00	41.56 3.92 0.00	37.90 3.51 0.00	32.91 2.98 0.00	35.61 3.03 0.00	53.28 4.11 0.00
FREEPORT___CT2 23818	31.24 2.07 0.00	25.23 1.26 -7.24	22.87 0.82 -10.99	36.03 0.79 -24.68	38.82 0.99 -24.38	38.76 -0.11 -40.23	37.87 1.10 -22.26	26.75 1.77 0.00	32.16 1.99 -5.06	38.63 2.40 -6.55	36.63 2.68 -2.55	37.20 2.94 0.00	35.65 3.06 -0.21	35.25 3.08 -1.66	32.31 2.61 -5.40	48.86 2.68 -22.03	51.88 3.27 -19.99	29.65 3.01 0.00	33.62 3.44 0.00	41.56 3.92 0.00	37.90 3.51 0.00	32.91 2.98 0.00	35.61 3.03 0.00	53.28 4.11 0.00
FRESHKLS_33_KV_LOAD 356253	30.96 1.79 0.00	23.89 1.09 -6.06	21.38 0.70 -9.62	21.90 0.67 -10.66	22.63 0.84 -8.34	19.90 -0.09 -21.36	20.31 0.95 -4.85	26.47 1.49 0.00	26.82 1.70 0.00	31.65 1.98 0.00	33.60 2.21 0.00	36.82 2.55 0.00	35.29 2.70 -0.21	33.27 2.76 0.00	27.78 2.46 -1.02	30.69 2.52 -4.03	31.69 3.06 0.00	29.45 2.81 0.00	33.33 3.14 -0.01	41.22 3.58 -0.01	37.52 3.13 -0.01	32.60 2.66 -0.01	35.30 2.70 -0.01	52.71 3.54 0.00
FULTON COGEN____ 23766	28.66 -0.51 0.00	16.88 -0.28 -0.43	11.53 -0.21 -0.68	11.12 -0.20 -0.75	13.78 -0.26 -0.59	0.17 0.02 -1.51	14.59 -0.26 -0.34	24.49 -0.49 0.00	24.67 -0.45 0.00	29.28 -0.40 0.00	30.99 -0.40 0.00	33.82 -0.45 0.00	31.92 -0.47 -0.02	29.94 -0.57 0.00	23.87 -0.49 -0.07	23.55 -0.48 0.12	28.08 -0.55 0.00	26.13 -0.51 0.00	29.64 -0.54 0.00	36.94 -0.70 0.00	33.91 -0.65 -0.18	29.38 -0.55 0.00	32.04 -0.55 0.00	48.64 -0.53 0.00
FULTON___LFGE 323630	31.75 2.57 0.00	27.07 1.45 -8.89	26.07 0.91 -14.09	27.07 0.87 -15.63	26.73 1.07 -12.21	29.83 -0.11 -31.30	22.76 1.15 -7.10	26.87 1.90 0.00	27.22 2.11 0.00	31.11 1.44 0.00	33.43 2.04 0.00	36.53 2.26 0.00	35.40 2.71 -0.31	33.54 3.03 0.00	27.96 2.18 -1.49	28.47 2.34 -2.00	31.34 2.71 0.00	29.18 2.54 0.00	33.15 2.97 0.00	41.71 4.07 0.00	38.10 3.71 0.00	33.10 3.17 0.00	35.95 3.36 0.00	54.10 4.93 0.00
G.F.CEMENT___DRP 24184	31.43 2.25 0.00	26.09 1.27 -8.09	24.74 0.85 -12.82	25.61 0.82 -14.22	25.60 1.04 -11.12	27.02 -0.11 -28.49	22.09 1.12 -6.46	26.99 2.01 0.00	27.21 2.09 0.00	32.20 2.53 0.00	33.96 2.56 0.00	37.18 2.91 0.00	35.33 2.67 -0.28	32.88 2.37 0.00	27.39 1.75 -1.35	28.10 1.73 -2.23	30.69 2.07 0.00	28.51 1.88 0.00	32.59 2.41 0.00	40.69 3.05 0.00	37.41 3.03 0.00	32.52 2.60 0.00	35.49 2.90 0.00	53.22 4.05 0.00
GARDENVILLE___LBMP 24039	23.56 -1.54 4.07	16.83 -0.81 -0.91	11.88 -0.63 -1.44	11.59 -0.58 -1.60	13.85 -0.85 -1.25	1.91 0.07 -3.21	14.49 -0.75 -0.73	23.43 -1.55 0.00	23.59 -1.52 0.00	28.33 -1.34 0.00	30.08 -1.31 0.00	31.56 -1.42 1.29	25.42 -1.42 5.53	14.90 -1.62 13.98	22.55 -1.51 0.23	23.11 -1.24 -0.21	27.38 -1.25 0.00	25.25 -1.39 0.00	28.72 -1.46 0.00	36.07 -1.57 0.00	32.79 -1.59 0.00	28.64 -1.29 0.00	31.31 -1.27 0.00	47.29 -1.88 0.00
GARDNVLA_35_KV_LD 355827	23.69 -1.43 4.06	16.90 -0.74 -0.91	11.93 -0.58 -1.45	11.63 -0.54 -1.61	13.91 -0.79 -1.26	1.91 0.06 -3.22	14.55 -0.69 -0.73	23.53 -1.45 0.00	23.67 -1.44 0.00	28.45 -1.22 0.00	30.23 -1.16 0.00	31.96 -1.26 1.04	26.62 -1.28 4.47	17.75 -1.49 11.27	22.74 -1.40 0.15	23.23 -1.12 -0.21	27.51 -1.12 0.00	25.37 -1.27 0.00	28.87 -1.31 0.00	36.26 -1.38 0.00	32.97 -1.41 0.00	28.80 -1.13 0.00	31.48 -1.11 0.00	47.53 -1.63 0.00
GELCKHM___115KV_LOAD 80723	28.82 -0.35 0.00	17.05 -0.17 -0.49	11.70 -0.13 -0.77	11.29 -0.13 -0.86	13.93 -0.18 -0.67	0.36 0.01 -1.72	14.73 -0.17 -0.39	24.65 -0.33 0.00	24.83 -0.28 0.00	29.45 -0.22 0.00	31.19 -0.20 0.00	34.04 -0.22 0.00	32.15 -0.24 -0.02	30.16 -0.35 0.00	24.06 -0.31 -0.08	23.96 -0.28 -0.10	28.32 -0.31 0.00	26.32 -0.31 0.00	29.87 -0.31 0.00	37.22 -0.42 0.00	34.05 -0.40 -0.07	29.60 -0.33 0.00	32.27 -0.32 0.00	48.95 -0.21 0.00
GENERAL___MILLS 23808	23.63 -1.48 4.06	16.87 -0.77 -0.91	11.91 -0.60 -1.45	11.62 -0.55 -1.61	13.88 -0.82 -1.25	1.91 0.06 -3.21	14.53 -0.72 -0.73	23.48 -1.50 0.00	23.64 -1.47 0.00	28.40 -1.27 0.00	30.17 -1.22 0.00	31.83 -1.33 1.11	26.28 -1.34 4.76	16.96 -1.54 12.01	22.67 -1.45 0.18	23.19 -1.17 -0.21	27.45 -1.18 0.00	25.31 -1.33 0.00	28.80 -1.38 0.00	36.16 -1.48 0.00	32.89 -1.50 0.00	28.72 -1.20 0.00	31.41 -1.17 0.00	47.42 -1.75 0.00
GE_PLASTICS___DRP 24183	30.13 0.96 0.00	25.09 0.59 -7.77	23.79 0.40 -12.32	24.62 0.39 -13.66	24.61 0.49 -10.68	25.95 -0.05 -27.36	21.25 0.53 -6.20	25.82 0.85 0.00	25.91 0.80 0.00	30.48 0.81 0.00	32.23 0.84 0.00	35.24 0.98 0.00	33.66 1.01 -0.27	31.46 0.95 0.00	26.42 0.83 -1.30	27.14 0.83 -2.17	29.57 0.94 0.00	27.49 0.86 0.00	31.18 1.00 0.00	38.77 1.13 0.00	35.41 1.03 0.00	30.78 0.86 0.00	33.51 0.92 0.00	50.32 1.15 0.00
GILBOA___1 23756	29.93 0.76 0.00	23.20 0.48 -5.99	20.88 0.32 -9.50	21.40 0.30 -10.53	22.05 0.37 -8.23	19.69 -0.04 -21.09	19.71 0.42 -4.78	25.64 0.66 0.00	25.84 0.73 0.00	30.52 0.85 0.00	32.31 0.92 0.00	35.36 1.09 0.00	33.72 1.13 -0.21	31.57 1.07 0.00	26.21 0.92 -1.00	26.44 0.96 -1.35	29.77 1.14 0.00	27.68 1.05 0.00	31.39 1.21 0.00	39.01 1.37 0.00	35.60 1.22 0.00	30.95 1.02 0.00	33.66 1.08 0.00	50.60 1.43 0.00
GILBOA___2 23757	29.93 0.76 0.00	23.20 0.48 -5.99	20.88 0.32 -9.50	21.40 0.30 -10.53	22.05 0.37 -8.23	19.69 -0.04 -21.09	19.71 0.42 -4.78	25.64 0.66 0.00	25.84 0.73 0.00	30.52 0.85 0.00	32.31 0.92 0.00	35.36 1.09 0.00	33.72 1.13 -0.21	31.57 1.07 0.00	26.21 0.92 -1.00	26.44 0.96 -1.35	29.77 1.14 0.00	27.68 1.05 0.00	31.39 1.21 0.00	39.01 1.37 0.00	35.60 1.22 0.00	30.95 1.02 0.00	33.66 1.08 0.00	50.60 1.43 0.00

GILBOA___3 23758	29.93 0.76 0.00	23.20 0.48 -5.99	20.88 0.32 -9.50	21.40 0.30 -10.53	22.05 0.37 -8.23	19.69 -0.04 -21.09	19.71 0.42 -4.78	25.64 0.66 0.00	25.84 0.73 0.00	30.52 0.85 0.00	32.31 0.92 0.00	35.36 1.09 0.00	33.72 1.13 -0.21	31.57 1.07 0.00	26.21 0.92 -1.00	26.44 0.96 -1.35	29.77 1.14 0.00	27.68 1.05 0.00	31.39 1.21 0.00	39.01 1.37 0.00	35.60 1.22 0.00	30.95 1.02 0.00	33.66 1.08 0.00	50.60 1.43 0.00
GILBOA___4 23759	29.93 0.76 0.00	23.20 0.48 -5.99	20.88 0.32 -9.50	21.40 0.30 -10.53	22.05 0.37 -8.23	19.69 -0.04 -21.09	19.71 0.42 -4.78	25.64 0.66 0.00	25.84 0.73 0.00	30.52 0.85 0.00	32.31 0.92 0.00	35.36 1.09 0.00	33.72 1.13 -0.21	31.57 1.07 0.00	26.21 0.92 -1.00	26.44 0.96 -1.35	29.77 1.14 0.00	27.68 1.05 0.00	31.39 1.21 0.00	39.01 1.37 0.00	35.60 1.22 0.00	30.95 1.02 0.00	33.66 1.08 0.00	50.60 1.43 0.00
GILBOA___ 23599	29.93 0.76 0.00	23.20 0.48 -5.99	20.88 0.32 -9.50	21.40 0.30 -10.53	22.06 0.38 -8.23	19.69 -0.04 -21.09	19.71 0.42 -4.78	25.64 0.66 0.00	25.84 0.73 0.00	30.52 0.85 0.00	32.31 0.92 0.00	35.36 1.09 0.00	33.72 1.13 -0.21	31.58 1.08 0.00	26.21 0.92 -1.00	26.44 0.96 -1.35	29.77 1.14 0.00	27.68 1.05 0.00	31.39 1.21 0.00	39.02 1.38 0.00	35.60 1.22 0.00	30.95 1.02 0.00	33.66 1.08 0.00	50.60 1.43 0.00
GINNA___ 23603	25.48 -1.79 1.90	16.33 -1.04 -0.64	11.36 -0.72 -1.02	11.01 -0.68 -1.13	13.40 -0.93 -0.88	0.98 0.08 -2.26	14.11 -0.91 -0.51	23.29 -1.69 0.00	23.48 -1.63 0.00	28.05 -1.63 0.00	29.78 -1.61 0.00	32.47 -1.80 0.00	30.61 -1.80 -0.02	28.61 -1.90 0.00	22.82 -1.58 -0.11	22.87 -1.42 -0.15	27.03 -1.60 0.00	25.04 -1.60 0.00	28.43 -1.75 0.00	35.59 -2.05 0.00	32.44 -1.95 0.00	28.28 -1.64 0.00	30.86 -1.73 0.00	46.59 -2.58 0.00
GLEN PARK___ 23778	28.77 -0.40 0.00	16.67 -0.34 -0.28	11.05 -0.45 -0.44	10.67 -0.38 -0.49	13.53 -0.30 -0.38	-0.37 0.01 -0.98	14.22 -0.51 -0.22	24.10 -0.88 0.00	24.41 -0.70 0.00	29.13 -0.54 0.00	30.85 -0.55 0.00	33.60 -0.67 0.00	31.50 -0.89 -0.01	29.52 -0.98 0.00	23.55 -0.79 -0.05	20.46 -0.99 2.69	27.59 -1.04 0.00	25.74 -0.90 0.00	29.41 -0.77 0.00	36.60 -1.04 0.00	33.82 -0.64 -0.08	29.37 -0.56 0.00	31.78 -0.80 0.00	47.89 -1.28 0.00
GLENDALE_27_KV_LOAD 356172	31.01 1.83 0.00	23.90 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.98 -4.85	26.53 1.55 0.00	26.89 1.78 0.00	31.78 2.11 0.00	33.74 2.35 0.00	37.00 2.73 0.00	35.48 2.89 -0.21	33.37 2.87 0.00	27.84 2.52 -1.02	30.77 2.61 -4.03	31.79 3.16 0.00	29.60 2.96 0.00	33.50 3.32 0.00	41.45 3.81 0.00	37.71 3.32 0.00	32.75 2.83 0.00	35.47 2.88 0.00	53.07 3.91 0.00
GLENWOOD_IC_1_G5 23712	31.26 2.09 0.00	25.24 1.26 -7.24	22.88 0.83 -10.99	36.04 0.79 -24.67	38.83 1.00 -24.38	38.76 -0.11 -40.23	37.89 1.12 -22.26	26.77 1.80 0.00	32.19 2.02 -5.06	38.65 2.43 -6.55	36.66 2.72 -2.55	37.25 2.98 0.00	35.58 2.99 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.79 2.62 -22.03	51.78 3.16 -19.98	29.55 2.92 0.00	33.49 3.31 0.00	41.39 3.75 0.00	37.66 3.27 0.00	32.71 2.79 0.00	35.66 3.07 0.00	53.36 4.19 0.00
GLENWOOD_IC_2_G1 23688	31.16 1.98 0.00	25.19 1.21 -7.24	22.84 0.79 -10.99	36.00 0.76 -24.68	38.78 0.95 -24.38	38.77 -0.10 -40.23	37.84 1.07 -22.26	26.69 1.71 0.00	32.10 1.92 -5.06	38.52 2.30 -6.55	36.51 2.56 -2.55	37.11 2.84 0.00	35.53 2.94 -0.21	35.09 2.93 -1.66	32.24 2.55 -5.40	48.82 2.65 -22.03	51.82 3.20 -19.99	29.59 2.95 0.00	33.54 3.36 0.00	41.46 3.82 0.00	37.70 3.31 0.00	32.74 2.82 0.00	35.52 2.93 0.00	53.15 3.98 0.00
GLENWOOD_IC_3_G1 23689	31.16 1.98 0.00	25.19 1.21 -7.24	22.84 0.79 -10.99	36.00 0.76 -24.68	38.78 0.95 -24.38	38.77 -0.10 -40.23	37.84 1.07 -22.26	26.69 1.71 0.00	32.10 1.92 -5.06	38.52 2.30 -6.55	36.51 2.56 -2.55	37.11 2.84 0.00	35.53 2.94 -0.21	35.09 2.93 -1.66	32.24 2.55 -5.40	48.82 2.65 -22.03	51.82 3.20 -19.99	29.59 2.95 0.00	33.54 3.36 0.00	41.46 3.82 0.00	37.70 3.31 0.00	32.74 2.82 0.00	35.52 2.93 0.00	53.15 3.98 0.00
GLENWOOD___4 23550	31.26 2.09 0.00	25.24 1.26 -7.24	22.88 0.83 -10.99	36.04 0.79 -24.67	38.83 1.00 -24.38	38.76 -0.11 -40.23	37.89 1.12 -22.26	26.77 1.80 0.00	32.19 2.02 -5.06	38.65 2.43 -6.55	36.66 2.72 -2.55	37.25 2.98 0.00	35.63 3.03 -0.21	35.12 2.96 -1.66	32.27 2.58 -5.40	48.85 2.68 -22.03	51.85 3.24 -19.98	29.62 2.99 0.00	33.57 3.39 0.00	41.48 3.84 0.00	37.74 3.35 0.00	32.78 2.86 0.00	35.66 3.07 0.00	53.36 4.19 0.00
GLENWOOD___5 23614	31.26 2.09 0.00	25.24 1.26 -7.24	22.88 0.83 -10.99	36.04 0.79 -24.67	38.83 1.00 -24.38	38.76 -0.11 -40.23	37.89 1.12 -22.26	26.77 1.80 0.00	32.19 2.02 -5.06	38.65 2.43 -6.55	36.66 2.72 -2.55	37.25 2.98 0.00	35.63 3.03 -0.21	35.12 2.96 -1.66	32.27 2.58 -5.40	48.85 2.68 -22.03	51.85 3.24 -19.98	29.62 2.99 0.00	33.57 3.39 0.00	41.48 3.84 0.00	37.74 3.35 0.00	32.78 2.86 0.00	35.66 3.07 0.00	53.36 4.19 0.00
GLOBAL GREEN_PORT_GT1 23814	32.17 3.00 0.00	25.77 1.80 -7.24	23.25 1.20 -10.99	36.41 1.16 -24.68	39.31 1.48 -24.38	38.72 -0.15 -40.23	38.36 1.59 -22.26	27.48 2.50 0.00	32.88 2.70 -5.06	39.47 3.25 -6.55	37.47 3.52 -2.55	38.13 3.87 0.00	36.57 3.98 -0.21	36.28 4.12 -1.66	33.24 3.54 -5.40	49.75 3.58 -22.03	52.82 4.21 -19.99	30.47 3.84 0.00	34.52 4.34 0.00	42.54 4.90 0.00	38.52 4.14 0.00	33.29 3.36 0.00	35.94 3.35 0.00	53.54 4.37 0.00
GLOBE___DSASP 323697	23.74 -2.00 3.44	16.43 -1.13 -0.83	11.58 -0.81 -1.32	11.29 -0.74 -1.47	13.53 -1.06 -1.15	1.66 0.08 -2.94	14.19 -0.99 -0.67	22.90 -2.08 0.00	23.04 -2.08 0.00	27.69 -1.99 0.00	29.41 -1.98 0.00	31.19 -2.23 0.85	26.49 -2.27 3.63	18.90 -2.46 9.14	22.05 -2.13 0.11	22.51 -1.83 -0.19	26.55 -2.08 0.00	24.36 -2.28 0.00	27.66 -2.52 0.00	34.73 -2.91 0.00	31.58 -2.80 0.00	27.63 -2.30 0.00	30.27 -2.32 0.00	45.73 -3.43 0.00
GOETHSLN___LBMP 323567	30.68 1.50 0.00	23.72 0.92 -6.06	21.27 0.59 -9.62	21.80 0.57 -10.66	22.50 0.72 -8.33	19.91 -0.08 -21.36	20.17 0.81 -4.84	26.25 1.28 0.00	26.58 1.47 0.00	31.37 1.70 0.00	33.32 1.93 0.00	36.55 2.28 0.00	35.07 2.47 -0.21	32.99 2.49 0.00	27.51 2.20 -1.02	30.46 2.29 -4.03	31.43 2.81 0.00	29.30 2.66 0.00	33.17 2.99 0.00	41.02 3.38 0.00	37.30 2.92 0.00	32.40 2.48 0.00	35.07 2.48 0.00	52.52 3.36 0.00
GOLAH___69_KV_TB 1_2 80279	26.38 -0.57 2.22	17.07 -0.34 -0.67	11.86 -0.27 -1.07	11.50 -0.25 -1.19	13.98 -0.40 -0.93	1.04 0.02 -2.37	14.74 -0.30 -0.54	24.28 -0.70 0.00	24.50 -0.62 0.00	29.29 -0.38 0.00	31.12 -0.27 0.00	33.95 -0.31 0.00	31.98 -0.42 -0.02	29.85 -0.65 0.00	23.77 -0.64 -0.12	23.88 -0.42 -0.16	28.27 -0.36 0.00	26.14 -0.50 0.00	29.69 -0.49 0.00	37.16 -0.48 0.00	33.88 -0.51 0.00	29.57 -0.35 0.00	32.27 -0.32 0.00	48.71 -0.45 0.00

GOODYEAR_LAKE_HYD 323669	29.88 0.71 0.00	18.78 0.41 -1.64	13.91 0.25 -2.60	13.68 0.23 -2.88	15.98 0.28 -2.25	4.38 -0.03 -5.77	16.14 0.32 -1.31	25.51 0.53 0.00	25.78 0.67 0.00	30.53 0.86 0.00	32.39 1.00 0.00	35.49 1.22 0.00	33.61 1.17 -0.06	31.62 1.12 0.00	25.47 0.90 -0.27	25.47 0.96 -0.37	29.80 1.17 0.00	27.78 1.14 0.00	31.50 1.33 0.00	39.21 1.58 0.00	35.74 1.35 0.00	31.09 1.17 0.00	33.85 1.26 0.00	50.94 1.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.48 -0.18 1.51	18.61 0.04 -1.84	13.96 -0.02 -2.92	13.79 -0.01 -3.24	15.93 -0.05 -2.53	5.13 0.00 -6.49	15.97 -0.02 -1.47	24.92 -0.06 0.00	25.11 0.00 0.00	29.84 0.17 0.00	31.63 0.24 0.00	34.61 0.35 0.00	32.76 0.32 -0.06	30.73 0.23 0.00	24.74 0.14 -0.31	24.79 0.23 -0.41	29.00 0.37 0.00	26.93 0.29 0.00	30.59 0.41 0.00	38.04 0.40 0.00	34.71 0.29 -0.04	30.15 0.22 0.00	32.86 0.27 0.00	49.66 0.49 0.00
GOUDEY___7 23579	27.50 -0.17 1.51	18.62 0.05 -1.84	13.97 -0.01 -2.92	13.80 -0.01 -3.24	15.94 -0.04 -2.53	5.13 0.00 -6.49	15.98 0.00 -1.47	24.94 -0.04 0.00	25.14 0.02 0.00	29.87 0.20 0.00	31.66 0.27 0.00	34.65 0.38 0.00	32.78 0.34 -0.06	30.76 0.25 0.00	24.76 0.16 -0.31	24.80 0.25 -0.41	29.02 0.39 0.00	26.95 0.32 0.00	30.61 0.43 0.00	38.07 0.43 0.00	34.74 0.32 -0.04	30.18 0.25 0.00	32.89 0.30 0.00	49.68 0.51 0.00
GOUDEY___8 23580	27.48 -0.18 1.51	18.61 0.04 -1.84	13.96 -0.02 -2.92	13.79 -0.01 -3.24	15.93 -0.05 -2.53	5.13 0.00 -6.49	15.97 -0.02 -1.47	24.92 -0.06 0.00	25.11 0.00 0.00	29.84 0.17 0.00	31.63 0.24 0.00	34.61 0.35 0.00	32.76 0.32 -0.06	30.73 0.23 0.00	24.74 0.14 -0.31	24.79 0.23 -0.41	29.00 0.37 0.00	26.93 0.29 0.00	30.59 0.41 0.00	38.04 0.40 0.00	34.71 0.29 -0.04	30.15 0.22 0.00	32.86 0.27 0.00	49.66 0.49 0.00
GOWANUS_GT1_1 24077	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT1_2 24078	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT1_3 24079	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT1_4 24080	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT1_5 24084	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT1_6 24111	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT1_7 24112	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT1_8 24113	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT2_1 24114	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT2_2 24115	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT2_3 24116	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00

GOWANUS_GT2_4 24117	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT2_5 24118	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT2_6 24119	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT2_7 24120	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT2_8 24121	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT3_1 24122	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT3_2 24123	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT3_3 24124	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT3_4 24125	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT3_5 24126	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT3_6 24127	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT3_7 24128	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT3_8 24129	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
GOWANUS_GT4_1 24130	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT4_2 24131	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00

GOWANUS_GT4_3 24132	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT4_4 24133	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT4_5 24134	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT4_6 24135	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT4_7 24136	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GOWANUS_GT4_8 24137	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GREENBSH_115KV_TB3 55895	30.21 1.04 0.00	25.18 0.64 -7.80	23.88 0.44 -12.37	24.72 0.43 -13.73	24.72 0.54 -10.72	26.07 -0.06 -27.48	21.33 0.59 -6.23	25.90 0.92 0.00	25.92 0.80 0.00	30.41 0.74 0.00	32.15 0.76 0.00	35.17 0.90 0.00	33.60 0.94 -0.27	31.40 0.89 0.00	26.38 0.78 -1.31	27.11 0.78 -2.19	29.48 0.85 0.00	27.40 0.77 0.00	31.08 0.90 0.00	38.64 1.00 0.00	35.31 0.93 0.00	30.69 0.76 0.00	33.42 0.83 0.00	50.14 0.98 0.00
GREENIDGE_115KV_TB5 80291	18.82 -0.74 9.61	17.41 -0.36 -1.04	12.41 -0.30 -1.65	12.11 -0.28 -1.83	14.47 -0.40 -1.43	2.33 0.04 -3.67	15.01 -0.34 -0.83	24.34 -0.63 0.00	24.56 -0.55 0.00	29.30 -0.38 0.00	31.08 -0.31 0.00	35.65 -0.41 -1.80	39.91 -0.35 -7.88	50.62 -0.66 -20.77	24.50 -0.58 -0.78	23.91 -0.46 -0.23	28.29 -0.34 0.00	26.29 -0.35 0.00	29.82 -0.36 0.00	37.22 -0.42 0.00	34.04 -0.37 -0.03	29.77 -0.16 0.00	32.36 -0.23 0.00	48.69 -0.47 0.00
GREENIDGE___3 23582	18.82 -0.74 9.61	17.41 -0.36 -1.04	12.41 -0.30 -1.65	12.11 -0.28 -1.83	14.47 -0.40 -1.43	2.33 0.04 -3.67	15.01 -0.34 -0.83	24.34 -0.63 0.00	24.56 -0.55 0.00	29.30 -0.38 0.00	31.08 -0.31 0.00	35.65 -0.41 -1.80	39.91 -0.35 -7.88	50.62 -0.66 -20.77	24.50 -0.58 -0.78	23.91 -0.46 -0.23	28.29 -0.34 0.00	26.29 -0.35 0.00	29.82 -0.36 0.00	37.22 -0.42 0.00	34.04 -0.37 -0.03	29.77 -0.16 0.00	32.36 -0.23 0.00	48.69 -0.47 0.00
GREENIDGE___4 23583	18.82 -0.74 9.61	17.41 -0.36 -1.04	12.41 -0.30 -1.65	12.11 -0.28 -1.83	14.47 -0.41 -1.43	2.33 0.04 -3.67	15.01 -0.34 -0.83	24.34 -0.63 0.00	24.56 -0.55 0.00	29.30 -0.37 0.00	31.08 -0.31 0.00	35.64 -0.42 -1.80	39.92 -0.34 -7.88	50.62 -0.66 -20.77	24.50 -0.57 -0.78	23.92 -0.46 -0.23	28.29 -0.34 0.00	26.29 -0.35 0.00	29.81 -0.37 0.00	37.21 -0.42 0.00	34.04 -0.37 -0.03	29.76 -0.16 0.00	32.36 -0.22 0.00	48.69 -0.47 0.00
GREENLWN_69_KV_BK 3 55738	31.08 1.91 0.00	25.16 1.18 -7.24	22.83 0.78 -10.99	36.00 0.76 -24.67	38.78 0.95 -24.38	38.77 -0.10 -40.23	37.83 1.06 -22.26	26.65 1.67 0.00	32.05 1.88 -5.06	38.44 2.22 -6.55	36.36 2.41 -2.55	36.86 2.60 0.00	35.34 2.75 -0.21	34.96 2.79 -1.66	32.18 2.48 -5.40	48.74 2.57 -22.03	51.70 3.08 -19.98	29.45 2.81 0.00	33.41 3.23 0.00	41.27 3.63 0.00	37.51 3.12 0.00	32.57 2.64 0.00	35.25 2.66 0.00	52.72 3.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00
GRISSOM___SOLAR 323813	31.75 2.57 0.00	27.07 1.45 -8.89	26.07 0.91 -14.09	27.07 0.87 -15.63	26.73 1.07 -12.21	29.83 -0.11 -31.30	22.76 1.15 -7.10	26.87 1.90 0.00	27.22 2.11 0.00	31.11 1.44 0.00	33.43 2.04 0.00	36.53 2.26 0.00	35.40 2.71 -0.31	33.54 3.03 0.00	27.96 2.18 -1.49	28.47 2.34 -2.00	31.34 2.71 0.00	29.18 2.54 0.00	33.15 2.97 0.00	41.71 4.07 0.00	38.10 3.71 0.00	33.10 3.17 0.00	35.95 3.36 0.00	54.10 4.93 0.00
GROVEVILLE___HYD 323602	30.77 1.60 0.00	23.84 0.97 -6.14	21.43 0.63 -9.74	21.96 0.60 -10.80	22.63 0.75 -8.44	20.18 -0.08 -21.62	20.25 0.84 -4.90	26.35 1.38 0.00	26.65 1.54 0.00	31.52 1.85 0.00	33.46 2.07 0.00	36.67 2.40 0.00	35.08 2.49 -0.22	33.01 2.51 0.00	27.48 2.16 -1.03	27.78 2.26 -1.38	31.36 2.73 0.00	29.19 2.56 0.00	33.08 2.90 0.00	40.99 3.35 0.00	37.36 2.97 0.00	32.43 2.50 0.00	35.17 2.58 0.00	52.70 3.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.97 -0.20 0.00	17.20 -0.07 -0.54	11.85 -0.07 -0.86	11.45 -0.07 -0.96	14.08 -0.11 -0.75	0.56 0.01 -1.91	14.86 -0.09 -0.43	24.79 -0.19 0.00	24.98 -0.13 0.00	29.62 -0.05 0.00	31.39 0.00 0.00	34.26 0.00 0.00	32.37 -0.03 -0.02	30.37 -0.14 0.00	24.23 -0.15 -0.09	24.14 -0.12 -0.12	28.53 -0.10 0.00	26.51 -0.12 0.00	30.09 -0.08 0.00	37.50 -0.14 0.00	34.32 -0.16 -0.10	29.81 -0.11 0.00	32.49 -0.10 0.00	49.30 0.13 0.00

HAMLTNNY_34_KV_TB 80303	28.96 -0.21 0.00	17.26 -0.06 -0.59	11.93 -0.07 -0.93	11.54 -0.06 -1.03	14.15 -0.10 -0.81	0.71 0.01 -2.07	14.90 -0.08 -0.47	24.81 -0.17 0.00	25.01 -0.10 0.00	29.67 -0.01 0.00	31.45 0.06 0.00	34.31 0.05 0.00	32.44 0.04 -0.02	30.42 -0.09 0.00	24.28 -0.11 -0.10	24.19 -0.07 -0.13	28.59 -0.04 0.00	26.55 -0.08 0.00	30.17 -0.01 0.00	37.59 -0.05 0.00	34.40 -0.09 -0.10	29.89 -0.03 0.00	32.55 -0.04 0.00	49.40 0.23 0.00
HAMPSHIRE___PAPER_HYD 323593	28.54 -0.63 0.00	16.38 -0.49 -0.14	10.83 -0.45 -0.22	10.41 -0.40 -0.24	13.24 -0.39 -0.19	-0.85 0.03 -0.48	14.06 -0.56 -0.11	24.07 -0.90 0.00	24.28 -0.84 0.00	28.72 -0.95 0.00	30.35 -1.04 0.00	33.03 -1.24 0.00	31.02 -1.36 0.00	29.27 -1.24 0.00	23.27 -1.04 -0.02	19.92 -1.32 2.90	27.11 -1.52 0.00	25.30 -1.33 0.00	28.77 -1.41 0.00	35.94 -1.70 0.00	33.15 -1.27 -0.03	28.85 -1.08 0.00	31.29 -1.29 0.00	47.11 -2.06 0.00
HARDSCRABBLE_WT_PWR 323673	29.36 0.19 0.00	16.92 0.19 0.00	11.25 0.19 0.00	10.76 0.19 0.00	13.69 0.25 0.00	-1.38 -0.01 0.00	14.74 0.23 0.00	25.29 0.31 0.00	25.42 0.31 0.00	29.85 0.18 0.00	31.51 0.12 0.00	34.69 0.42 0.00	32.86 0.48 0.00	30.94 0.44 0.00	24.63 0.34 0.00	24.73 0.29 -0.30	28.92 0.29 0.00	27.01 0.37 0.00	30.68 0.50 0.00	37.95 0.31 0.00	34.62 0.24 0.00	30.17 0.24 0.00	32.97 0.39 0.00	49.54 0.37 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.60 1.43 0.00	23.19 0.85 -5.61	20.50 0.54 -8.90	20.95 0.52 -9.87	21.81 0.66 -7.71	18.32 -0.07 -19.76	19.73 0.74 -4.48	26.16 1.18 0.00	26.46 1.35 0.00	31.29 1.62 0.00	33.21 1.82 0.00	36.44 2.17 0.00	34.89 2.31 -0.20	32.86 2.35 0.00	27.29 2.05 -0.94	24.59 2.13 1.68	31.21 2.58 0.00	29.07 2.43 0.00	32.93 2.76 0.00	40.81 3.17 0.00	37.18 2.80 0.00	32.27 2.34 0.00	34.97 2.38 0.00	52.41 3.24 0.00
HARSNRAD_115KV_TB1 81005	24.23 -1.59 3.35	16.64 -0.92 -0.82	11.67 -0.69 -1.30	11.37 -0.63 -1.44	13.65 -0.92 -1.13	1.59 0.07 -2.89	14.35 -0.82 -0.65	23.26 -1.72 0.00	23.41 -1.70 0.00	28.13 -1.54 0.00	29.81 -1.58 0.00	31.68 -1.75 0.84	27.09 -1.70 3.60	19.57 -1.87 9.07	22.46 -1.72 0.11	22.91 -1.43 -0.19	27.12 -1.51 0.00	24.97 -1.66 0.00	28.35 -1.83 0.00	35.54 -2.10 0.00	32.33 -2.05 0.00	28.28 -1.65 0.00	30.95 -1.64 0.00	46.72 -2.45 0.00
HARZA MOOSE___RIVER 24016	29.16 -0.02 0.00	16.82 -0.08 -0.17	11.15 -0.19 -0.28	10.74 -0.13 -0.31	13.65 -0.03 -0.24	-0.76 -0.01 -0.62	14.47 -0.18 -0.14	24.65 -0.33 0.00	24.90 -0.21 0.00	29.49 -0.17 0.00	31.22 -0.18 0.00	34.04 -0.22 0.00	32.06 -0.33 -0.01	30.14 -0.36 0.00	24.00 -0.32 -0.03	23.76 -0.37 0.01	28.21 -0.42 0.00	26.32 -0.31 0.00	29.94 -0.24 0.00	37.26 -0.37 0.00	34.36 -0.06 -0.03	29.82 -0.11 0.00	32.35 -0.23 0.00	48.73 -0.44 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.83 -0.34 0.00	17.06 -0.16 -0.49	11.70 -0.13 -0.77	11.30 -0.12 -0.85	13.94 -0.17 -0.67	0.36 0.01 -1.71	14.74 -0.16 -0.39	24.66 -0.32 0.00	24.85 -0.27 0.00	29.48 -0.19 0.00	31.23 -0.16 0.00	34.09 -0.18 0.00	32.19 -0.20 -0.02	30.18 -0.32 0.00	24.09 -0.29 -0.08	23.99 -0.25 -0.10	28.36 -0.27 0.00	26.36 -0.27 0.00	29.90 -0.28 0.00	37.27 -0.37 0.00	34.08 -0.36 -0.05	29.63 -0.29 0.00	32.31 -0.28 0.00	49.01 -0.16 0.00
HELLGATE_13_KV_LD 55870	30.86 1.69 0.00	23.83 1.03 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.41 1.43 0.00	26.77 1.66 0.00	31.61 1.94 0.00	33.56 2.17 0.00	36.79 2.52 0.00	35.28 2.69 -0.21	33.20 2.69 0.00	27.70 2.38 -1.02	30.63 2.46 -4.03	31.60 2.97 0.00	29.42 2.78 0.00	33.30 3.13 0.00	41.20 3.57 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.26 2.68 0.00	52.78 3.61 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.86 1.69 0.00	23.83 1.03 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.28 0.92 -4.85	26.41 1.43 0.00	26.77 1.66 0.00	31.61 1.94 0.00	33.56 2.17 0.00	36.79 2.52 0.00	35.28 2.69 -0.21	33.20 2.69 0.00	27.70 2.38 -1.02	30.63 2.46 -4.03	31.60 2.97 0.00	29.42 2.78 0.00	33.30 3.13 0.00	41.20 3.57 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.26 2.68 0.00	52.78 3.61 0.00
HEMPSTEAD____ 23647	31.07 1.90 0.00	25.14 1.16 -7.24	22.81 0.76 -10.99	35.97 0.73 -24.68	38.75 0.92 -24.38	38.77 -0.10 -40.23	37.80 1.03 -22.26	26.62 1.65 0.00	32.04 1.86 -5.06	38.46 2.23 -6.55	36.44 2.50 -2.55	37.01 2.75 0.00	35.45 2.86 -0.21	35.01 2.85 -1.66	32.16 2.47 -5.40	48.73 2.56 -22.03	51.72 3.10 -19.99	29.49 2.86 0.00	33.44 3.27 0.00	41.33 3.69 0.00	37.62 3.24 0.00	32.67 2.74 0.00	35.42 2.83 0.00	52.99 3.82 0.00
HEWLETT_69_KV_BK3 55828	31.30 2.13 0.00	25.27 1.29 -7.24	22.89 0.84 -10.99	36.05 0.80 -24.67	38.84 1.01 -24.38	38.76 -0.11 -40.23	37.90 1.13 -22.26	26.80 1.82 0.00	32.20 2.02 -5.06	38.69 2.46 -6.55	36.69 2.74 -2.55	37.32 3.05 0.00	35.76 3.17 -0.21	35.37 3.21 -1.66	32.48 2.78 -5.40	49.03 2.86 -22.03	52.08 3.47 -19.98	29.83 3.20 0.00	33.81 3.63 0.00	41.79 4.15 0.00	37.98 3.59 0.00	32.99 3.07 0.00	35.69 3.11 0.00	53.43 4.27 0.00
HICKLING___1 23621	16.97 -0.89 11.31	17.92 -0.28 -1.46	13.11 -0.27 -2.32	12.89 -0.25 -2.57	15.09 -0.37 -2.01	3.83 0.04 -5.15	15.38 -0.31 -1.17	24.41 -0.56 0.00	24.60 -0.51 0.00	29.37 -0.30 0.00	31.14 -0.25 0.00	34.56 -0.14 -0.43	34.11 -0.16 -1.90	35.74 -0.29 -5.52	24.35 -0.36 -0.42	24.28 -0.18 -0.33	28.67 0.04 0.00	26.55 -0.09 0.00	30.17 -0.01 0.00	37.61 -0.03 0.00	34.33 -0.08 -0.03	29.79 -0.13 0.00	32.48 -0.11 0.00	49.09 -0.08 0.00
HICKLING___2 23622	16.97 -0.89 11.31	17.92 -0.28 -1.46	13.11 -0.27 -2.32	12.89 -0.25 -2.57	15.09 -0.37 -2.01	3.83 0.04 -5.15	15.38 -0.31 -1.17	24.41 -0.56 0.00	24.60 -0.51 0.00	29.37 -0.30 0.00	31.14 -0.25 0.00	34.56 -0.14 -0.43	34.11 -0.16 -1.90	35.74 -0.29 -5.52	24.35 -0.36 -0.42	24.28 -0.18 -0.33	28.67 0.04 0.00	26.55 -0.09 0.00	30.17 -0.01 0.00	37.61 -0.03 0.00	34.33 -0.08 -0.03	29.79 -0.13 0.00	32.48 -0.11 0.00	49.09 -0.08 0.00
HIGH FALLS___HY 23754	30.45 1.28 0.00	23.61 0.75 -6.12	21.25 0.47 -9.71	21.79 0.45 -10.77	22.43 0.57 -8.42	20.14 -0.06 -21.57	20.05 0.65 -4.89	26.03 1.06 0.00	26.40 1.28 0.00	31.30 1.63 0.00	33.27 1.88 0.00	36.46 2.19 0.00	34.82 2.23 -0.21	32.57 2.07 0.00	27.18 1.86 -1.02	27.56 2.04 -1.37	31.19 2.56 0.00	29.05 2.42 0.00	32.91 2.73 0.00	40.73 3.09 0.00	37.12 2.73 0.00	32.38 2.45 0.00	35.05 2.47 0.00	52.56 3.39 0.00
HIGH_RIVER___SOLAR 323847	30.42 1.25 0.00	25.84 0.71 -8.39	24.84 0.46 -13.31	25.77 0.44 -14.77	25.55 0.56 -11.54	28.15 -0.06 -29.57	21.83 0.61 -6.70	25.99 1.01 0.00	26.21 1.09 0.00	30.93 1.26 0.00	32.64 1.25 0.00	35.80 1.53 0.00	34.14 1.47 -0.30	31.92 1.42 0.00	26.83 1.14 -1.41	27.18 1.15 -1.89	30.00 1.37 0.00	27.90 1.27 0.00	31.68 1.49 0.00	39.47 1.83 0.00	36.08 1.70 0.00	31.40 1.47 0.00	34.18 1.60 0.00	51.42 2.26 0.00

HILLBURN___GT 23639	30.56 1.39 0.00	23.27 0.83 -5.71	20.65 0.53 -9.06	21.12 0.51 -10.04	21.94 0.64 -7.85	18.68 -0.07 -20.11	19.79 0.72 -4.56	26.12 1.14 0.00	26.43 1.31 0.00	31.23 1.56 0.00	33.17 1.78 0.00	36.40 2.14 0.00	34.89 2.31 -0.20	32.84 2.33 0.00	27.30 2.05 -0.96	24.10 2.11 2.15	31.19 2.56 0.00	29.06 2.43 0.00	32.93 2.75 0.00	40.77 3.13 0.00	37.13 2.75 0.00	32.23 2.30 0.00	34.91 2.32 0.00	52.32 3.15 0.00
HILLSIDE_115KV_TB1 80332	17.53 -1.05 10.59	17.94 -0.31 -1.52	13.19 -0.28 -2.41	12.97 -0.26 -2.67	15.15 -0.38 -2.09	4.02 0.04 -5.35	15.39 -0.34 -1.21	24.38 -0.60 0.00	24.55 -0.56 0.00	29.29 -0.38 0.00	31.04 -0.35 0.00	34.38 -0.26 -0.38	33.78 -0.27 -1.66	34.99 -0.36 -4.85	24.31 -0.39 -0.41	24.25 -0.23 -0.34	28.55 -0.08 0.00	26.44 -0.19 0.00	30.07 -0.11 0.00	37.37 -0.27 0.00	34.10 -0.31 -0.03	29.58 -0.34 0.00	32.24 -0.34 0.00	48.81 -0.35 0.00
HISHELDN_WT_PWR 323625	22.38 -1.81 4.98	16.74 -0.99 -0.99	11.88 -0.75 -1.57	11.61 -0.70 -1.74	13.81 -0.99 -1.36	2.21 0.08 -3.49	14.39 -0.92 -0.79	23.18 -1.79 0.00	23.36 -1.75 0.00	27.94 -1.72 0.00	29.68 -1.71 0.00	29.48 -1.83 2.95	17.79 -1.77 12.82	-3.94 -1.89 32.55	21.80 -1.75 0.74	22.87 -1.51 -0.23	27.08 -1.55 0.00	25.02 -1.62 0.00	28.46 -1.72 0.00	35.86 -1.78 0.00	32.66 -1.72 0.00	28.46 -1.47 0.00	31.09 -1.49 0.00	46.92 -2.24 0.00
HOLTSVILLE_IC_1 23690	31.27 2.09 0.00	25.29 1.32 -7.24	22.93 0.88 -10.99	36.10 0.86 -24.68	38.91 1.08 -24.38	38.76 -0.12 -40.23	37.96 1.19 -22.26	26.83 1.85 0.00	32.21 2.03 -5.06	38.63 2.41 -6.55	36.59 2.65 -2.55	37.05 2.79 0.00	35.54 2.95 -0.21	35.17 3.01 -1.66	32.36 2.67 -5.40	48.90 2.73 -22.03	51.89 3.27 -19.99	29.58 2.94 0.00	33.59 3.41 0.00	41.47 3.83 0.00	37.60 3.22 0.00	32.64 2.72 0.00	35.32 2.73 0.00	52.75 3.59 0.00
HOLTSVILLE_IC_10 23699	31.41 2.24 0.00	25.37 1.39 -7.24	22.98 0.93 -10.99	36.15 0.91 -24.68	38.97 1.15 -24.38	38.75 -0.12 -40.23	38.03 1.26 -22.26	26.95 1.97 0.00	32.34 2.16 -5.06	38.81 2.58 -6.55	36.78 2.83 -2.55	37.25 2.99 0.00	35.73 3.14 -0.21	35.37 3.21 -1.66	32.52 2.83 -5.40	49.05 2.88 -22.03	52.09 3.47 -19.99	29.75 3.11 0.00	33.79 3.61 0.00	41.73 4.09 0.00	37.84 3.46 0.00	32.84 2.91 0.00	35.52 2.93 0.00	53.03 3.87 0.00
HOLTSVILLE_IC_2 23691	31.27 2.09 0.00	25.29 1.32 -7.24	22.93 0.88 -10.99	36.10 0.86 -24.68	38.91 1.08 -24.38	38.76 -0.12 -40.23	37.96 1.19 -22.26	26.83 1.85 0.00	32.21 2.03 -5.06	38.63 2.41 -6.55	36.59 2.65 -2.55	37.05 2.79 0.00	35.54 2.95 -0.21	35.17 3.01 -1.66	32.36 2.67 -5.40	48.90 2.73 -22.03	51.89 3.27 -19.99	29.58 2.94 0.00	33.59 3.41 0.00	41.47 3.83 0.00	37.60 3.22 0.00	32.64 2.72 0.00	35.32 2.73 0.00	52.75 3.59 0.00
HOLTSVILLE_IC_3 23692	31.27 2.09 0.00	25.29 1.32 -7.24	22.93 0.88 -10.99	36.10 0.86 -24.68	38.91 1.08 -24.38	38.76 -0.12 -40.23	37.96 1.19 -22.26	26.83 1.85 0.00	32.21 2.03 -5.06	38.63 2.41 -6.55	36.59 2.65 -2.55	37.05 2.79 0.00	35.54 2.95 -0.21	35.17 3.01 -1.66	32.36 2.67 -5.40	48.90 2.73 -22.03	51.89 3.27 -19.99	29.58 2.94 0.00	33.59 3.41 0.00	41.47 3.83 0.00	37.60 3.22 0.00	32.64 2.72 0.00	35.32 2.73 0.00	52.75 3.59 0.00
HOLTSVILLE_IC_4 23693	31.27 2.09 0.00	25.29 1.32 -7.24	22.93 0.88 -10.99	36.10 0.86 -24.68	38.91 1.08 -24.38	38.76 -0.12 -40.23	37.96 1.19 -22.26	26.83 1.85 0.00	32.21 2.03 -5.06	38.63 2.41 -6.55	36.59 2.65 -2.55	37.05 2.79 0.00	35.54 2.95 -0.21	35.17 3.01 -1.66	32.36 2.67 -5.40	48.90 2.73 -22.03	51.89 3.27 -19.99	29.58 2.94 0.00	33.59 3.41 0.00	41.47 3.83 0.00	37.60 3.22 0.00	32.64 2.72 0.00	35.32 2.73 0.00	52.75 3.59 0.00
HOLTSVILLE_IC_5 23694	31.27 2.09 0.00	25.29 1.32 -7.24	22.93 0.88 -10.99	36.10 0.86 -24.68	38.91 1.08 -24.38	38.76 -0.12 -40.23	37.96 1.19 -22.26	26.83 1.85 0.00	32.21 2.03 -5.06	38.63 2.41 -6.55	36.59 2.65 -2.55	37.05 2.79 0.00	35.54 2.95 -0.21	35.17 3.01 -1.66	32.36 2.67 -5.40	48.90 2.73 -22.03	51.89 3.27 -19.99	29.58 2.94 0.00	33.59 3.41 0.00	41.47 3.83 0.00	37.60 3.22 0.00	32.64 2.72 0.00	35.32 2.73 0.00	52.75 3.59 0.00
HOLTSVILLE_IC_6 23695	31.41 2.24 0.00	25.37 1.39 -7.24	22.98 0.93 -10.99	36.15 0.91 -24.68	38.97 1.15 -24.38	38.75 -0.12 -40.23	38.03 1.26 -22.26	26.95 1.97 0.00	32.34 2.16 -5.06	38.81 2.58 -6.55	36.78 2.83 -2.55	37.25 2.99 0.00	35.73 3.14 -0.21	35.37 3.21 -1.66	32.52 2.83 -5.40	49.05 2.88 -22.03	52.09 3.47 -19.99	29.75 3.11 0.00	33.79 3.61 0.00	41.73 4.09 0.00	37.84 3.46 0.00	32.84 2.91 0.00	35.52 2.93 0.00	53.03 3.87 0.00
HOLTSVILLE_IC_7 23696	31.41 2.24 0.00	25.37 1.39 -7.24	22.98 0.93 -10.99	36.15 0.91 -24.68	38.97 1.15 -24.38	38.75 -0.12 -40.23	38.03 1.26 -22.26	26.95 1.97 0.00	32.34 2.16 -5.06	38.81 2.58 -6.55	36.78 2.83 -2.55	37.25 2.99 0.00	35.73 3.14 -0.21	35.37 3.21 -1.66	32.52 2.83 -5.40	49.05 2.88 -22.03	52.09 3.47 -19.99	29.75 3.11 0.00	33.79 3.61 0.00	41.73 4.09 0.00	37.84 3.46 0.00	32.84 2.91 0.00	35.52 2.93 0.00	53.03 3.87 0.00
HOLTSVILLE_IC_8 23697	31.41 2.24 0.00	25.37 1.39 -7.24	22.98 0.93 -10.99	36.15 0.91 -24.68	38.97 1.15 -24.38	38.75 -0.12 -40.23	38.03 1.26 -22.26	26.95 1.97 0.00	32.34 2.16 -5.06	38.81 2.58 -6.55	36.78 2.83 -2.55	37.25 2.99 0.00	35.73 3.14 -0.21	35.37 3.21 -1.66	32.52 2.83 -5.40	49.05 2.88 -22.03	52.09 3.47 -19.99	29.75 3.11 0.00	33.79 3.61 0.00	41.73 4.09 0.00	37.84 3.46 0.00	32.84 2.91 0.00	35.52 2.93 0.00	53.03 3.87 0.00
HOLTSVILLE_IC_9 23698	31.41 2.24 0.00	25.37 1.39 -7.24	22.98 0.93 -10.99	36.15 0.91 -24.68	38.97 1.15 -24.38	38.75 -0.12 -40.23	38.03 1.26 -22.26	26.95 1.97 0.00	32.34 2.16 -5.06	38.81 2.58 -6.55	36.78 2.83 -2.55	37.25 2.99 0.00	35.73 3.14 -0.21	35.37 3.21 -1.66	32.52 2.83 -5.40	49.05 2.88 -22.03	52.09 3.47 -19.99	29.75 3.11 0.00	33.79 3.61 0.00	41.73 4.09 0.00	37.84 3.46 0.00	32.84 2.91 0.00	35.52 2.93 0.00	53.03 3.87 0.00
HOMER_HL_115KV_TB2 355744	22.81 -1.18 5.18	17.26 -0.50 -1.03	12.26 -0.43 -1.63	11.99 -0.38 -1.81	14.30 -0.56 -1.41	2.31 0.05 -3.62	14.82 -0.51 -0.82	24.06 -0.92 0.00	24.36 -0.75 0.00	29.25 -0.43 0.00	30.98 -0.41 0.00	33.66 -0.35 0.25	30.99 -0.38 1.01	27.55 -0.59 2.37	23.58 -0.83 -0.12	23.77 -0.62 -0.24	28.19 -0.44 0.00	26.06 -0.58 0.00	29.67 -0.51 0.00	37.04 -0.60 0.00	33.63 -0.75 0.00	29.34 -0.58 0.00	32.12 -0.47 0.00	48.45 -0.72 0.00
HOWARD_WT_PWR 323690	16.09 -2.18 10.90	16.68 -1.24 -1.19	12.01 -0.94 -1.89	11.80 -0.86 -2.10	13.91 -1.17 -1.64	2.94 0.11 -4.20	14.37 -1.09 -0.95	23.02 -1.96 0.00	23.21 -1.90 0.00	27.69 -1.98 0.00	29.49 -1.90 0.00	35.91 -1.71 -3.35	45.38 -1.70 -14.70	66.87 -1.88 -38.24	23.69 -1.90 -1.30	22.80 -1.62 -0.27	27.17 -1.46 0.00	25.40 -1.23 0.00	28.73 -1.46 0.00	36.34 -1.30 0.00	32.95 -1.45 -0.02	28.67 -1.26 0.00	31.34 -1.24 0.00	46.97 -2.20 0.00

HQ_GEN_CEDARS 23644	28.97 -0.20 0.00	16.53 -0.20 0.00	10.91 -0.15 0.00	10.42 -0.15 0.00	13.27 -0.18 0.00	-1.34 0.02 0.00	14.30 -0.22 0.00	24.73 -0.25 0.00	24.81 -0.30 0.00	29.23 -0.44 0.00	30.84 -0.55 0.00	33.53 -0.74 0.00	31.58 -0.80 0.00	29.91 -0.60 0.00	23.74 -0.55 0.00	22.13 -0.96 1.05	27.49 -1.14 0.00	25.61 -1.03 0.00	29.00 -1.18 0.00	36.37 -1.27 0.00	33.30 -1.08 0.00	29.04 -0.88 0.00	31.58 -1.01 0.00	47.57 -1.60 0.00
HQ_GEN_CEDARS_PROXY 323590	28.98 -0.20 0.00	16.53 -0.20 0.00	10.91 -0.15 0.00	10.42 -0.15 0.00	13.27 -0.18 0.00	-1.34 0.02 0.00	12.92 -0.22 1.37	24.73 -0.25 0.00	24.81 -0.30 0.00	29.23 -0.44 0.00	30.84 -0.55 0.00	33.53 -0.74 0.00	31.58 -0.80 0.00	29.91 -0.60 0.00	23.74 -0.55 0.00	22.12 -0.97 1.05	27.49 -1.14 0.00	25.61 -1.03 0.00	29.00 -1.18 0.00	36.37 -1.27 0.00	33.30 -1.09 0.00	29.04 -0.88 0.00	31.58 -1.01 0.00	47.57 -1.60 0.00
HQ_GEN_IMPORT 323601	28.92 -0.26 0.00	16.54 -0.19 0.00	10.94 -0.12 0.00	10.44 -0.12 0.00	13.30 -0.15 0.00	-3.06 0.02 1.71	13.81 -0.17 0.53	25.30 -0.22 -0.54	24.82 -0.29 0.00	29.29 -0.39 0.00	30.94 -0.45 0.00	33.70 -0.57 0.00	31.79 -0.59 0.00	30.02 -0.49 0.00	23.87 -0.42 0.00	23.49 -0.48 0.17	28.06 -0.57 0.00	26.12 -0.51 0.00	29.55 -0.63 0.00	37.00 -0.64 0.00	33.83 -0.55 0.00	29.48 -0.45 0.00	32.08 -0.50 0.00	48.35 -0.81 0.00
HQ_GEN_WHEEL 23651	28.92 -0.26 0.00	16.54 -0.19 0.00	10.94 -0.12 0.00	10.44 -0.12 0.00	13.30 -0.15 0.00	-3.06 0.02 1.71	13.81 -0.17 0.53	25.30 -0.22 -0.54	24.82 -0.29 0.00	29.29 -0.39 0.00	30.94 -0.45 0.00	33.70 -0.57 0.00	31.79 -0.59 0.00	30.02 -0.49 0.00	23.87 -0.42 0.00	23.49 -0.48 0.17	28.06 -0.57 0.00	26.12 -0.51 0.00	29.55 -0.63 0.00	37.00 -0.64 0.00	33.83 -0.55 0.00	29.48 -0.45 0.00	32.08 -0.50 0.00	48.35 -0.81 0.00
HUDSON_AVE_GT_3 23810	30.83 1.66 0.00	23.82 1.02 -6.06	21.34 0.66 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.33	19.91 -0.09 -21.36	20.26 0.90 -4.84	26.42 1.44 0.00	26.76 1.65 0.00	31.61 1.94 0.00	33.57 2.18 0.00	36.82 2.55 0.00	35.31 2.72 -0.21	33.21 2.70 0.00	27.68 2.37 -1.02	30.64 2.47 -4.03	31.65 3.02 0.00	29.46 2.82 0.00	33.36 3.18 0.00	41.27 3.63 0.00	37.51 3.13 0.00	32.58 2.66 0.00	35.28 2.69 0.00	52.82 3.65 0.00
HUDSON_AVE_GT_4 23540	30.83 1.66 0.00	23.82 1.02 -6.06	21.34 0.66 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.33	19.91 -0.09 -21.36	20.26 0.90 -4.84	26.42 1.44 0.00	26.76 1.65 0.00	31.61 1.94 0.00	33.57 2.18 0.00	36.82 2.55 0.00	35.31 2.72 -0.21	33.21 2.70 0.00	27.68 2.37 -1.02	30.64 2.47 -4.03	31.65 3.02 0.00	29.46 2.82 0.00	33.36 3.18 0.00	41.27 3.63 0.00	37.51 3.13 0.00	32.58 2.66 0.00	35.28 2.69 0.00	52.82 3.65 0.00
HUDSON_AVE_GT_5 23657	30.83 1.66 0.00	23.82 1.02 -6.06	21.34 0.66 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.33	19.91 -0.09 -21.36	20.26 0.90 -4.84	26.42 1.44 0.00	26.76 1.65 0.00	31.61 1.94 0.00	33.57 2.18 0.00	36.82 2.55 0.00	35.31 2.72 -0.21	33.21 2.70 0.00	27.68 2.37 -1.02	30.64 2.47 -4.03	31.65 3.02 0.00	29.46 2.82 0.00	33.36 3.18 0.00	41.27 3.63 0.00	37.51 3.13 0.00	32.58 2.66 0.00	35.28 2.69 0.00	52.82 3.65 0.00
HUDSON_AVE_10 24168	30.72 1.55 0.00	23.76 0.97 -6.06	21.30 0.62 -9.62	21.82 0.59 -10.66	22.53 0.75 -8.33	19.91 -0.08 -21.36	20.21 0.85 -4.84	26.33 1.35 0.00	26.66 1.55 0.00	31.49 1.82 0.00	33.44 2.05 0.00	36.67 2.40 0.00	35.17 2.58 -0.21	33.06 2.56 0.00	27.57 2.25 -1.02	30.53 2.36 -4.03	31.54 2.91 0.00	29.37 2.73 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.37 2.99 0.00	32.47 2.54 0.00	35.17 2.59 0.00	52.66 3.49 0.00
HUDSON___115KV_TB 4 355613	30.79 1.62 0.00	25.28 0.97 -7.58	23.73 0.65 -12.02	24.51 0.62 -13.33	24.64 0.78 -10.42	25.26 -0.08 -26.70	21.43 0.86 -6.05	26.39 1.41 0.00	26.49 1.37 0.00	31.13 1.46 0.00	32.87 1.48 0.00	35.88 1.62 0.00	34.22 1.58 -0.27	32.00 1.50 0.00	26.81 1.25 -1.27	27.33 1.28 -1.90	30.08 1.45 0.00	27.95 1.31 0.00	31.71 1.53 0.00	39.51 1.87 0.00	36.12 1.74 0.00	31.37 1.45 0.00	34.16 1.57 0.00	51.22 2.05 0.00
HUNTER MOUNT___DRP 323613	31.02 1.85 0.00	25.17 1.10 -7.34	23.42 0.73 -11.64	24.17 0.69 -12.91	24.40 0.87 -10.09	24.40 -0.09 -25.85	21.34 0.97 -5.86	26.59 1.62 0.00	26.68 1.57 0.00	31.35 1.68 0.00	33.07 1.68 0.00	36.06 1.80 0.00	34.35 1.72 -0.26	32.14 1.63 0.00	26.84 1.33 -1.23	27.15 1.36 -1.65	30.17 1.54 0.00	28.02 1.38 0.00	31.83 1.65 0.00	39.66 2.02 0.00	36.28 1.90 0.00	31.51 1.58 0.00	34.32 1.74 0.00	51.47 2.30 0.00
HUNTINGTON_RES_REC 323705	31.19 2.01 0.00	25.24 1.26 -7.24	22.89 0.84 -10.99	36.05 0.81 -24.68	38.85 1.03 -24.38	38.76 -0.11 -40.23	37.90 1.14 -22.26	26.76 1.79 0.00	32.16 1.98 -5.06	38.57 2.35 -6.55	36.51 2.57 -2.55	36.95 2.68 0.00	35.43 2.84 -0.21	35.08 2.92 -1.66	32.31 2.61 -5.40	48.84 2.67 -22.03	51.83 3.21 -19.99	29.55 2.91 0.00	33.56 3.38 0.00	41.44 3.80 0.00	37.61 3.22 0.00	32.64 2.72 0.00	35.32 2.73 0.00	52.77 3.60 0.00
HUNTLEY___63 23557	24.20 -1.39 3.59	16.81 -0.77 -0.85	11.82 -0.59 -1.35	11.52 -0.54 -1.50	13.81 -0.80 -1.17	1.70 0.06 -3.00	14.50 -0.69 -0.68	23.47 -1.51 0.00	23.63 -1.49 0.00	28.40 -1.27 0.00	30.16 -1.23 0.00	31.98 -1.38 0.91	27.09 -1.40 3.89	19.10 -1.60 9.81	22.68 -1.48 0.12	23.15 -1.19 -0.20	27.38 -1.25 0.00	25.18 -1.46 0.00	28.61 -1.57 0.00	35.89 -1.74 0.00	32.64 -1.74 0.00	28.55 -1.38 0.00	31.24 -1.35 0.00	47.16 -2.01 0.00
HUNTLEY___64 23558	24.20 -1.39 3.59	16.81 -0.77 -0.85	11.82 -0.59 -1.35	11.52 -0.54 -1.50	13.81 -0.80 -1.17	1.70 0.06 -3.00	14.50 -0.69 -0.68	23.47 -1.51 0.00	23.63 -1.49 0.00	28.40 -1.27 0.00	30.16 -1.23 0.00	31.98 -1.38 0.91	27.09 -1.40 3.89	19.10 -1.60 9.81	22.68 -1.48 0.12	23.15 -1.19 -0.20	27.38 -1.25 0.00	25.18 -1.46 0.00	28.61 -1.57 0.00	35.89 -1.74 0.00	32.64 -1.74 0.00	28.55 -1.38 0.00	31.24 -1.35 0.00	47.16 -2.01 0.00
HUNTLEY___65 23559	24.20 -1.39 3.59	16.81 -0.77 -0.85	11.82 -0.59 -1.35	11.52 -0.54 -1.50	13.81 -0.80 -1.17	1.70 0.06 -3.00	14.50 -0.69 -0.68	23.47 -1.51 0.00	23.63 -1.49 0.00	28.40 -1.27 0.00	30.16 -1.23 0.00	31.98 -1.38 0.91	27.09 -1.40 3.89	19.10 -1.60 9.81	22.68 -1.48 0.12	23.15 -1.19 -0.20	27.38 -1.25 0.00	25.18 -1.46 0.00	28.61 -1.57 0.00	35.89 -1.74 0.00	32.64 -1.74 0.00	28.55 -1.38 0.00	31.24 -1.35 0.00	47.16 -2.01 0.00
HUNTLEY___66 23560	24.20 -1.39 3.59	16.81 -0.77 -0.85	11.82 -0.59 -1.35	11.52 -0.54 -1.50	13.81 -0.80 -1.17	1.70 0.06 -3.00	14.50 -0.69 -0.68	23.47 -1.51 0.00	23.63 -1.49 0.00	28.40 -1.27 0.00	30.16 -1.23 0.00	31.98 -1.38 0.91	27.09 -1.40 3.89	19.10 -1.60 9.81	22.68 -1.48 0.12	23.15 -1.19 -0.20	27.38 -1.25 0.00	25.18 -1.46 0.00	28.61 -1.57 0.00	35.89 -1.74 0.00	32.64 -1.74 0.00	28.55 -1.38 0.00	31.24 -1.35 0.00	47.16 -2.01 0.00

HUNTLEY___67 23561	23.71 -1.72 3.75	16.66 -0.94 -0.87	11.75 -0.69 -1.38	11.46 -0.64 -1.53	13.72 -0.93 -1.20	1.78 0.07 -3.07	14.37 -0.84 -0.70	23.23 -1.75 0.00	23.38 -1.73 0.00	28.09 -1.58 0.00	29.82 -1.57 0.00	31.46 -1.74 1.06	26.05 -1.77 4.56	17.02 -1.97 11.52	22.36 -1.76 0.17	22.87 -1.47 -0.20	27.07 -1.56 0.00	24.94 -1.69 0.00	28.35 -1.82 0.00	35.60 -2.04 0.00	32.36 -2.02 0.00	28.28 -1.65 0.00	30.95 -1.64 0.00	46.73 -2.43 0.00
HUNTLEY___68 23562	23.71 -1.72 3.75	16.66 -0.94 -0.87	11.75 -0.69 -1.38	11.46 -0.64 -1.53	13.72 -0.93 -1.20	1.78 0.07 -3.07	14.37 -0.84 -0.70	23.23 -1.75 0.00	23.38 -1.73 0.00	28.09 -1.58 0.00	29.82 -1.57 0.00	31.46 -1.74 1.06	26.05 -1.77 4.56	17.02 -1.97 11.52	22.36 -1.76 0.17	22.87 -1.47 -0.20	27.07 -1.56 0.00	24.94 -1.69 0.00	28.35 -1.82 0.00	35.60 -2.04 0.00	32.36 -2.02 0.00	28.28 -1.65 0.00	30.95 -1.64 0.00	46.73 -2.43 0.00
HYLAND___LFG 323620	23.40 -0.13 5.64	17.60 -0.09 -0.96	12.44 -0.15 -1.53	12.13 -0.13 -1.69	14.52 -0.25 -1.32	2.03 0.01 -3.39	15.17 -0.11 -0.77	24.64 -0.34 0.00	24.93 -0.18 0.00	29.69 0.02 0.00	31.49 0.10 0.00	38.16 0.10 -3.79	48.90 -0.09 -16.62	72.70 -0.52 -42.72	24.94 -0.74 -1.38	23.90 -0.47 -0.22	28.49 -0.14 0.00	26.24 -0.40 0.00	30.01 -0.17 0.00	37.85 0.21 0.00	34.95 0.57 0.00	30.57 0.64 0.00	33.37 0.78 0.00	50.19 1.03 0.00
INDECK___CORINTH 23802	31.31 2.14 0.00	26.04 1.21 -8.10	24.72 0.81 -12.85	25.60 0.78 -14.25	25.56 0.98 -11.14	27.08 -0.10 -28.54	22.04 1.06 -6.47	26.88 1.90 0.00	27.11 1.99 0.00	32.08 2.41 0.00	33.76 2.37 0.00	36.96 2.70 0.00	35.08 2.42 -0.28	32.66 2.15 0.00	27.24 1.60 -1.36	27.95 1.58 -2.23	30.52 1.89 0.00	28.36 1.73 0.00	32.46 2.28 0.00	40.53 2.89 0.00	37.28 2.89 0.00	32.42 2.49 0.00	35.37 2.78 0.00	53.04 3.88 0.00
INDECK___ILION 23567	29.43 0.26 0.00	16.94 0.20 0.00	11.21 0.15 0.00	10.72 0.15 0.00	13.63 0.18 0.00	-1.38 -0.02 0.00	14.71 0.20 0.00	25.26 0.28 0.00	25.42 0.30 0.00	29.93 0.26 0.00	31.65 0.41 0.00	34.68 0.46 0.00	32.84 0.44 0.00	30.94 0.36 0.00	24.65 0.37 0.00	24.81 0.39 0.00	29.02 0.38 0.00	27.01 0.49 0.00	30.67 0.48 0.00	38.12 0.48 0.00	34.82 0.43 0.00	30.31 0.38 0.00	33.04 0.46 0.00	49.72 0.56 0.00
INDECK___OLEAN 23982	22.82 -1.18 5.18	17.26 -0.50 -1.03	12.26 -0.43 -1.63	11.99 -0.38 -1.81	14.30 -0.56 -1.41	2.30 0.05 -3.62	14.82 -0.51 -0.82	24.06 -0.92 0.00	24.36 -0.75 0.00	29.26 -0.41 0.00	30.99 -0.41 0.00	33.66 -0.35 0.25	30.99 -0.38 1.01	27.58 -0.56 2.37	23.59 -0.83 -0.12	23.78 -0.60 -0.24	28.19 -0.44 0.00	26.06 -0.57 0.00	29.65 -0.53 0.00	37.04 -0.60 0.00	33.63 -0.75 0.00	29.33 -0.60 0.00	32.12 -0.47 0.00	48.45 -0.72 0.00
INDECK___OSWEGO 23783	28.54 -0.63 0.00	16.80 -0.35 -0.42	11.46 -0.26 -0.66	11.05 -0.24 -0.73	13.71 -0.31 -0.57	0.13 0.03 -1.47	14.52 -0.33 -0.33	24.37 -0.60 0.00	24.56 -0.56 0.00	29.13 -0.54 0.00	30.83 -0.56 0.00	33.64 -0.63 0.00	31.74 -0.65 -0.02	29.76 -0.74 0.00	23.73 -0.63 -0.07	23.26 -0.63 0.26	27.89 -0.74 0.00	25.95 -0.69 0.00	29.44 -0.74 0.00	36.69 -0.95 0.00	33.74 -0.88 -0.24	29.19 -0.74 0.00	31.83 -0.76 0.00	48.34 -0.82 0.00
INDECK___YERKES 23781	24.23 -1.36 3.59	16.83 -0.76 -0.85	11.83 -0.58 -1.35	11.53 -0.53 -1.50	13.83 -0.79 -1.17	1.69 0.06 -3.00	14.51 -0.68 -0.68	23.49 -1.49 0.00	23.65 -1.46 0.00	28.45 -1.22 0.00	30.21 -1.18 0.00	32.01 -1.34 0.91	27.15 -1.34 3.89	19.18 -1.52 9.81	22.72 -1.44 0.12	23.20 -1.15 -0.20	27.41 -1.22 0.00	25.21 -1.43 0.00	28.61 -1.56 0.00	35.93 -1.71 0.00	32.68 -1.70 0.00	28.55 -1.37 0.00	31.28 -1.31 0.00	47.21 -1.96 0.00
INDIAN POINT_GT_1 24139	30.57 1.40 0.00	23.58 0.85 -5.99	21.12 0.55 -9.51	21.64 0.53 -10.54	22.35 0.67 -8.24	19.68 -0.07 -21.12	20.05 0.75 -4.79	26.16 1.18 0.00	26.48 1.36 0.00	31.29 1.62 0.00	33.21 1.82 0.00	36.41 2.15 0.00	34.89 2.30 -0.21	32.81 2.30 0.00	27.31 2.01 -1.01	30.70 2.09 -4.47	31.17 2.54 0.00	29.02 2.39 0.00	32.88 2.70 0.00	40.72 3.08 0.00	37.07 2.69 0.00	32.18 2.26 0.00	34.88 2.29 0.00	52.27 3.10 0.00
INDIAN POINT_GT_2 23659	30.57 1.40 0.00	23.58 0.85 -5.99	21.12 0.55 -9.51	21.64 0.53 -10.54	22.35 0.67 -8.24	19.68 -0.07 -21.12	20.05 0.75 -4.79	26.16 1.18 0.00	26.48 1.36 0.00	31.29 1.62 0.00	33.21 1.82 0.00	36.41 2.15 0.00	34.89 2.30 -0.21	32.81 2.30 0.00	27.31 2.01 -1.01	30.70 2.09 -4.47	31.17 2.54 0.00	29.02 2.39 0.00	32.88 2.70 0.00	40.72 3.08 0.00	37.07 2.69 0.00	32.18 2.26 0.00	34.88 2.29 0.00	52.27 3.10 0.00
INDIAN POINT_GT_3 24019	30.57 1.40 0.00	23.58 0.85 -5.99	21.12 0.55 -9.51	21.64 0.53 -10.54	22.35 0.67 -8.24	19.68 -0.07 -21.12	20.05 0.75 -4.79	26.16 1.18 0.00	26.48 1.36 0.00	31.29 1.62 0.00	33.21 1.82 0.00	36.41 2.15 0.00	34.89 2.30 -0.21	32.81 2.30 0.00	27.31 2.01 -1.01	30.70 2.09 -4.47	31.17 2.54 0.00	29.02 2.39 0.00	32.88 2.70 0.00	40.72 3.08 0.00	37.07 2.69 0.00	32.18 2.26 0.00	34.88 2.29 0.00	52.27 3.10 0.00
INDIAN POINT___2 23530	30.53 1.36 0.00	23.45 0.82 -5.89	20.93 0.53 -9.34	21.44 0.51 -10.36	22.19 0.64 -8.09	19.31 -0.07 -20.74	19.94 0.73 -4.70	26.12 1.14 0.00	26.43 1.31 0.00	31.23 1.55 0.00	33.15 1.76 0.00	36.37 2.10 0.00	34.84 2.25 -0.21	32.76 2.25 0.00	27.26 1.98 -0.99	31.73 2.05 -5.54	31.13 2.50 0.00	28.99 2.35 0.00	32.85 2.67 0.00	40.66 3.02 0.00	37.02 2.64 0.00	32.15 2.22 0.00	34.83 2.25 0.00	52.20 3.03 0.00
INDIAN POINT___3 23531	30.54 1.37 0.00	23.56 0.83 -6.00	21.12 0.54 -9.52	21.64 0.52 -10.55	22.35 0.65 -8.25	19.70 -0.07 -21.13	20.03 0.73 -4.79	26.13 1.16 0.00	26.44 1.32 0.00	31.24 1.57 0.00	33.17 1.77 0.00	36.37 2.10 0.00	34.84 2.25 -0.21	32.75 2.25 0.00	27.27 1.97 -1.01	30.73 2.04 -4.55	31.11 2.48 0.00	28.97 2.33 0.00	32.82 2.64 0.00	40.65 3.01 0.00	37.01 2.63 0.00	32.13 2.20 0.00	34.82 2.24 0.00	52.19 3.02 0.00
INGHAM_C_115KV_TB7 356103	29.49 0.31 0.00	17.04 0.30 0.00	11.31 0.25 0.00	10.81 0.25 0.00	13.75 0.31 0.00	-1.39 -0.02 0.00	14.83 0.32 0.00	25.44 0.46 0.00	25.57 0.46 0.00	30.00 0.33 0.00	31.66 0.27 0.00	34.83 0.57 0.00	33.06 0.68 0.00	31.17 0.67 0.00	24.85 0.56 0.00	24.97 0.53 -0.30	29.17 0.54 0.00	27.16 0.52 0.00	30.91 0.73 0.00	38.28 0.64 0.00	34.96 0.58 0.00	30.45 0.53 0.00	33.26 0.68 0.00	49.87 0.70 0.00
IP CORINTH___1 23988	31.31 2.13 0.00	26.04 1.21 -8.10	24.71 0.80 -12.85	25.60 0.78 -14.25	25.56 0.98 -11.14	27.08 -0.10 -28.54	22.04 1.06 -6.47	26.88 1.90 0.00	27.10 1.99 0.00	32.08 2.41 0.00	33.76 2.37 0.00	36.96 2.70 0.00	35.08 2.42 -0.28	32.66 2.15 0.00	27.25 1.60 -1.36	27.95 1.58 -2.23	30.52 1.89 0.00	28.36 1.73 0.00	32.46 2.28 0.00	40.53 2.89 0.00	37.28 2.90 0.00	32.42 2.49 0.00	35.36 2.78 0.00	53.04 3.88 0.00

IP___TICONDEROGA 23804	32.64 3.47 0.00	26.64 1.82 -8.09	25.13 1.23 -12.84	26.00 1.20 -14.24	26.08 1.51 -11.12	27.00 -0.15 -28.51	22.56 1.58 -6.46	28.04 3.07 0.00	28.26 3.14 0.00	33.61 3.94 0.00	35.72 4.33 0.00	39.16 4.90 0.00	37.20 4.54 -0.28	34.36 3.85 0.00	28.32 2.67 -1.35	28.99 2.62 -2.23	31.77 3.14 0.00	29.51 2.87 0.00	33.75 3.57 0.00	42.42 4.78 0.00	39.13 4.75 0.00	33.99 4.07 0.00	37.21 4.62 0.00	55.58 6.41 0.00
ISLIP_RES_REC 323679	31.59 2.41 0.00	25.47 1.49 -7.24	23.04 0.99 -10.99	36.21 0.96 -24.68	39.04 1.22 -24.38	38.74 -0.13 -40.23	38.11 1.35 -22.26	27.09 2.11 0.00	32.50 2.32 -5.06	38.99 2.77 -6.55	36.97 3.02 -2.55	37.45 3.18 0.00	35.93 3.34 -0.21	35.56 3.40 -1.66	32.67 2.98 -5.40	49.20 3.03 -22.03	52.27 3.66 -19.99	29.91 3.27 0.00	33.96 3.78 0.00	41.94 4.30 0.00	38.04 3.65 0.00	33.00 3.08 0.00	35.70 3.11 0.00	53.27 4.11 0.00
JAMAICA__27_KV_LOAD 355505	30.91 1.74 0.00	23.92 1.12 -6.06	21.37 0.69 -9.62	21.90 0.66 -10.66	22.62 0.84 -8.33	19.90 -0.09 -21.36	20.32 0.97 -4.84	26.53 1.55 0.00	26.85 1.73 0.00	31.65 1.99 0.00	33.63 2.24 0.00	36.87 2.61 0.00	35.38 2.79 -0.21	33.24 2.73 0.00	27.70 2.39 -1.02	30.68 2.51 -4.03	31.83 3.20 0.00	29.63 3.00 0.00	33.54 3.36 0.00	41.53 3.89 0.00	37.67 3.29 0.00	32.74 2.81 0.00	35.51 2.93 0.00	53.13 3.96 0.00
JANIS___SOLAR 323808	40.27 0.32 -10.78	18.58 0.28 -1.57	13.69 0.14 -2.49	13.47 0.14 -2.76	15.70 0.09 -2.16	4.15 -0.02 -5.53	15.92 0.15 -1.25	25.25 0.27 0.00	25.41 0.29 0.00	30.19 0.52 0.00	32.13 0.73 0.00	35.43 0.94 -0.22	34.21 0.80 -1.03	32.35 0.72 -1.12	25.07 0.52 -0.26	25.01 0.52 -0.35	29.30 0.67 0.00	27.38 0.75 0.00	31.15 0.97 0.00	38.79 1.15 0.00	35.45 1.02 -0.05	30.90 0.97 0.00	33.70 1.11 0.00	50.73 1.57 0.00
JARVIS____ 23743	29.32 0.14 0.00	16.82 0.09 0.00	11.12 0.06 0.00	10.63 0.06 0.00	13.53 0.08 0.00	-1.37 -0.01 0.00	14.60 0.09 0.00	25.10 0.12 0.00	25.24 0.13 0.00	29.82 0.15 0.00	31.55 0.16 0.00	34.47 0.20 0.00	32.60 0.22 0.00	30.69 0.19 0.00	24.46 0.17 0.00	24.62 0.18 -0.30	28.83 0.20 0.00	26.83 0.19 0.00	30.41 0.23 0.00	37.89 0.25 0.00	34.62 0.24 0.00	30.11 0.18 0.00	32.80 0.21 0.00	49.46 0.30 0.00
JENNISON___1 23625	31.63 -0.10 -2.56	18.85 0.12 -1.99	14.23 0.02 -3.15	14.06 0.01 -3.49	16.07 -0.11 -2.73	5.64 0.01 -6.99	15.98 -0.11 -1.59	24.86 -0.12 0.00	25.06 -0.05 0.00	29.69 0.02 0.00	31.56 0.17 0.00	34.66 0.40 0.00	32.80 0.35 -0.07	30.79 0.28 0.00	24.81 0.19 -0.33	24.85 0.26 -0.44	28.95 0.32 0.00	27.04 0.41 0.00	30.95 0.78 0.00	38.51 0.87 0.00	34.97 0.55 -0.03	30.47 0.55 0.00	33.44 0.85 0.00	50.05 0.88 0.00
JENNISON___2 23626	31.63 -0.10 -2.56	18.85 0.12 -1.99	14.23 0.02 -3.15	14.06 0.01 -3.49	16.07 -0.11 -2.73	5.64 0.01 -6.99	15.98 -0.11 -1.59	24.86 -0.12 0.00	25.06 -0.05 0.00	29.69 0.02 0.00	31.56 0.17 0.00	34.66 0.40 0.00	32.80 0.35 -0.07	30.79 0.28 0.00	24.81 0.19 -0.33	24.85 0.26 -0.44	28.95 0.32 0.00	27.04 0.41 0.00	30.95 0.78 0.00	38.51 0.87 0.00	34.97 0.55 -0.03	30.47 0.55 0.00	33.44 0.85 0.00	50.05 0.88 0.00
JERICHO_RISE_WT_PWR 323719	29.03 -0.14 0.00	16.45 -0.28 0.00	10.79 -0.27 0.00	10.25 -0.31 0.00	13.02 -0.43 0.00	-1.31 0.06 0.00	13.88 -0.63 0.00	24.14 -0.84 0.00	24.26 -0.86 0.00	28.64 -1.03 0.00	30.27 -1.12 0.00	32.97 -1.30 0.00	30.96 -1.42 0.00	29.39 -1.12 0.00	23.15 -1.15 0.00	22.22 -1.40 0.52	26.84 -1.79 0.00	25.06 -1.58 0.00	28.51 -1.67 0.00	35.91 -1.73 0.00	32.92 -1.47 0.00	28.82 -1.10 0.00	31.40 -1.19 0.00	47.32 -1.85 0.00
KATONAH___115KV_46KV_TB4 355592	30.65 1.47 0.00	23.86 0.90 -6.22	21.52 0.59 -9.87	22.08 0.56 -10.95	22.70 0.70 -8.56	20.48 -0.08 -21.92	20.28 0.79 -4.97	26.26 1.28 0.00	26.57 1.46 0.00	31.42 1.75 0.00	33.34 1.96 0.00	36.55 2.28 0.00	35.00 2.40 -0.22	32.97 2.47 0.00	27.48 2.15 -1.04	29.53 2.21 -3.17	31.36 2.72 0.00	29.18 2.55 0.00	33.07 2.89 0.00	40.95 3.30 0.00	37.28 2.90 0.00	32.36 2.43 0.00	35.07 2.49 0.00	52.55 3.39 0.00
KCE_NY_1 323755	30.90 1.73 0.00	25.81 0.99 -8.08	24.56 0.68 -12.81	25.43 0.66 -14.21	25.38 0.83 -11.11	27.01 -0.08 -28.46	21.85 0.89 -6.45	26.51 1.54 0.00	26.72 1.61 0.00	31.54 1.87 0.00	33.36 1.97 0.00	36.44 2.18 0.00	34.77 2.11 -0.28	32.46 1.95 0.00	27.13 1.48 -1.35	27.88 1.51 -2.23	30.43 1.80 0.00	28.25 1.62 0.00	32.18 2.01 0.00	40.12 2.48 0.00	36.73 2.34 0.00	31.96 2.03 0.00	34.80 2.22 0.00	52.24 3.07 0.00
KCE_NY_6_ESR 323823	23.64 -1.47 4.06	16.88 -0.77 -0.91	11.91 -0.60 -1.45	11.61 -0.56 -1.61	13.87 -0.83 -1.25	1.91 0.06 -3.21	14.52 -0.72 -0.73	23.48 -1.50 0.00	23.62 -1.49 0.00	28.40 -1.27 0.00	30.16 -1.23 0.00	31.83 -1.33 1.11	26.29 -1.33 4.76	16.99 -1.51 12.01	22.66 -1.46 0.18	23.19 -1.17 -0.21	27.44 -1.19 0.00	25.30 -1.34 0.00	28.78 -1.40 0.00	36.15 -1.49 0.00	32.89 -1.50 0.00	28.70 -1.23 0.00	31.41 -1.17 0.00	47.41 -1.75 0.00
KEDC_PORT_JEFF_GT2 24210	31.32 2.15 0.00	25.32 1.35 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.93 1.11 -24.38	38.75 -0.12 -40.23	37.99 1.22 -22.26	26.88 1.90 0.00	32.26 2.08 -5.06	38.71 2.49 -6.55	36.70 2.75 -2.55	37.14 2.88 0.00	35.62 3.02 -0.21	35.27 3.11 -1.66	32.39 2.69 -5.40	48.85 2.68 -22.03	51.83 3.22 -19.99	29.50 2.87 0.00	33.56 3.38 0.00	41.53 3.89 0.00	37.67 3.28 0.00	32.68 2.75 0.00	35.38 2.80 0.00	52.82 3.65 0.00
KEDC_PORT_JEFF_GT3 24211	31.32 2.15 0.00	25.32 1.35 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.93 1.11 -24.38	38.75 -0.12 -40.23	37.99 1.22 -22.26	26.88 1.90 0.00	32.26 2.08 -5.06	38.71 2.49 -6.55	36.70 2.75 -2.55	37.14 2.88 0.00	35.62 3.02 -0.21	35.27 3.11 -1.66	32.39 2.69 -5.40	48.85 2.68 -22.03	51.83 3.22 -19.99	29.50 2.87 0.00	33.56 3.38 0.00	41.53 3.89 0.00	37.67 3.28 0.00	32.68 2.75 0.00	35.38 2.80 0.00	52.82 3.65 0.00
KEDC_GLWD_GT4 24219	31.26 2.08 0.00	25.24 1.27 -7.24	22.88 0.82 -10.99	36.04 0.79 -24.68	38.83 1.00 -24.38	38.76 -0.11 -40.23	37.89 1.12 -22.26	26.77 1.80 0.00	32.19 2.02 -5.06	38.65 2.43 -6.55	36.66 2.71 -2.55	37.25 2.98 0.00	35.58 2.99 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.79 2.62 -22.03	51.77 3.16 -19.99	29.55 2.92 0.00	33.50 3.32 0.00	41.39 3.75 0.00	37.66 3.27 0.00	32.72 2.79 0.00	35.66 3.07 0.00	53.36 4.19 0.00
KEDC_GLWD_GT5 24220	31.26 2.08 0.00	25.24 1.27 -7.24	22.88 0.82 -10.99	36.04 0.79 -24.68	38.83 1.00 -24.38	38.76 -0.11 -40.23	37.89 1.12 -22.26	26.77 1.80 0.00	32.19 2.02 -5.06	38.65 2.43 -6.55	36.66 2.71 -2.55	37.25 2.98 0.00	35.58 2.99 -0.21	35.04 2.88 -1.66	32.21 2.51 -5.40	48.79 2.62 -22.03	51.77 3.16 -19.99	29.55 2.92 0.00	33.50 3.32 0.00	41.39 3.75 0.00	37.66 3.27 0.00	32.72 2.79 0.00	35.66 3.07 0.00	53.36 4.19 0.00

KENSICO____ 23655	30.66 1.49 0.00	23.69 0.91 -6.05	21.25 0.59 -9.60	21.78 0.57 -10.65	22.47 0.71 -8.32	19.87 -0.08 -21.32	20.15 0.80 -4.83	26.25 1.27 0.00	26.56 1.45 0.00	31.39 1.72 0.00	33.33 1.94 0.00	36.54 2.27 0.00	35.00 2.41 -0.21	32.90 2.39 0.00	27.41 2.10 -1.02	30.51 2.17 -4.20	31.27 2.64 0.00	29.11 2.47 0.00	32.98 2.81 0.00	40.83 3.19 0.00	37.16 2.78 0.00	32.27 2.34 0.00	34.97 2.38 0.00	52.39 3.22 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.49 1.31 0.00	23.30 0.78 -5.79	20.74 0.49 -9.18	21.22 0.47 -10.18	21.99 0.59 -7.96	18.96 -0.07 -20.39	19.80 0.67 -4.62	26.06 1.08 0.00	26.40 1.29 0.00	31.27 1.60 0.00	33.23 1.84 0.00	36.41 2.14 0.00	34.71 2.13 -0.20	32.44 1.93 0.00	27.03 1.77 -0.97	27.18 1.91 -1.12	31.02 2.39 0.00	28.89 2.25 0.00	32.73 2.56 0.00	40.54 2.90 0.00	36.97 2.58 0.00	32.29 2.37 0.00	34.98 2.40 0.00	52.45 3.29 0.00
KIAC_JFK_GT1 23816	30.73 1.56 0.00	23.81 1.02 -6.06	21.31 0.63 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.38 1.40 0.00	26.70 1.58 0.00	31.48 1.81 0.00	33.44 2.05 0.00	36.66 2.40 0.00	35.18 2.59 -0.21	33.04 2.54 0.00	27.55 2.24 -1.02	30.56 2.39 -4.03	31.69 3.06 0.00	29.50 2.86 0.00	33.34 3.16 0.00	41.26 3.62 0.00	37.32 2.94 0.00	32.52 2.59 0.00	35.29 2.70 0.00	52.81 3.64 0.00
KIAC_JFK_GT2 23817	30.73 1.56 0.00	23.81 1.02 -6.06	21.31 0.63 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.38 1.40 0.00	26.70 1.58 0.00	31.48 1.81 0.00	33.44 2.05 0.00	36.66 2.40 0.00	35.18 2.59 -0.21	33.04 2.54 0.00	27.55 2.24 -1.02	30.56 2.39 -4.03	31.69 3.06 0.00	29.50 2.86 0.00	33.34 3.16 0.00	41.26 3.62 0.00	37.32 2.94 0.00	32.52 2.59 0.00	35.29 2.70 0.00	52.81 3.64 0.00
KIAC_JFK____ 323774	30.73 1.56 0.00	23.81 1.02 -6.06	21.31 0.63 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.38 1.40 0.00	26.69 1.58 0.00	31.48 1.81 0.00	33.43 2.04 0.00	36.67 2.40 0.00	35.18 2.59 -0.21	33.04 2.54 0.00	27.55 2.24 -1.02	30.56 2.39 -4.03	31.69 3.06 0.00	29.50 2.86 0.00	33.34 3.17 0.00	41.26 3.62 0.00	37.32 2.94 0.00	32.52 2.60 0.00	35.28 2.70 0.00	52.81 3.64 0.00
KINTIGH____ 23543	24.93 -1.47 2.78	16.65 -0.83 -0.75	11.65 -0.59 -1.18	11.33 -0.55 -1.31	13.68 -0.79 -1.02	1.33 0.06 -2.63	14.38 -0.72 -0.60	23.47 -1.51 0.00	23.64 -1.47 0.00	28.35 -1.33 0.00	30.08 -1.31 0.00	32.24 -1.48 0.55	28.53 -1.55 2.31	22.95 -1.75 5.80	22.74 -1.52 0.03	23.05 -1.27 -0.17	27.26 -1.37 0.00	25.15 -1.49 0.00	28.57 -1.61 0.00	35.80 -1.84 0.00	32.56 -1.82 0.00	28.44 -1.48 0.00	31.11 -1.47 0.00	46.99 -2.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.47 0.29 0.00	16.69 -0.05 0.00	10.94 -0.12 0.00	10.38 -0.18 0.00	13.18 -0.27 0.00	-1.32 0.05 0.00	14.01 -0.50 0.00	24.42 -0.56 0.00	24.56 -0.56 0.00	29.03 -0.64 0.00	30.72 -0.67 0.00	33.50 -0.76 0.00	31.43 -0.95 0.00	29.79 -0.72 0.00	23.42 -0.87 0.00	22.59 -1.13 0.43	27.13 -1.51 0.00	25.32 -1.32 0.00	28.90 -1.28 0.00	36.43 -1.21 0.00	33.41 -0.97 0.00	29.25 -0.67 0.00	31.86 -0.73 0.00	47.92 -1.25 0.00
LACHUTE____HYDRO 323717	32.64 3.47 0.00	26.64 1.82 -8.09	25.13 1.23 -12.84	26.00 1.20 -14.24	26.08 1.51 -11.12	27.00 -0.15 -28.51	22.56 1.58 -6.46	28.04 3.06 0.00	28.26 3.14 0.00	33.61 3.94 0.00	35.72 4.33 0.00	39.16 4.90 0.00	37.20 4.54 -0.28	34.36 3.85 0.00	28.32 2.67 -1.35	28.99 2.62 -2.23	31.77 3.14 0.00	29.51 2.87 0.00	33.74 3.56 0.00	42.42 4.78 0.00	39.13 4.74 0.00	33.99 4.07 0.00	37.21 4.62 0.00	55.58 6.41 0.00
LAWRNCV_115KV_TB1 80681	28.67 -0.50 0.00	16.33 -0.40 0.00	10.75 -0.31 0.00	10.26 -0.30 0.00	13.10 -0.35 0.00	-1.32 0.04 0.00	14.08 -0.43 0.00	24.37 -0.61 0.00	24.48 -0.63 0.00	28.86 -0.81 0.00	30.45 -0.94 0.00	33.10 -1.17 0.00	31.15 -1.23 0.00	29.51 -1.00 0.00	23.41 -0.88 0.00	21.33 -1.29 1.53	27.11 -1.52 0.00	25.27 -1.37 0.00	28.66 -1.52 0.00	35.93 -1.71 0.00	32.96 -1.43 0.00	28.78 -1.15 0.00	31.26 -1.32 0.00	47.07 -2.10 0.00
LEDERLE____ 23769	30.68 1.51 0.00	23.43 0.91 -5.79	20.82 0.58 -9.18	21.30 0.56 -10.18	22.11 0.71 -7.95	18.94 -0.08 -20.39	19.92 0.79 -4.62	26.23 1.25 0.00	26.54 1.43 0.00	31.38 1.71 0.00	33.33 1.94 0.00	36.57 2.31 0.00	35.05 2.47 -0.20	32.99 2.48 0.00	27.43 2.17 -0.17	23.82 2.24 2.56	31.35 2.71 0.00	29.20 2.56 0.00	33.08 2.90 0.00	40.95 3.31 0.00	37.30 2.91 0.00	32.36 2.44 0.00	35.06 2.48 0.00	52.53 3.37 0.00
LIGHTHSE_115KV_TB6 355974	28.63 -0.54 0.00	16.78 -0.33 -0.38	11.35 -0.31 -0.60	10.96 -0.28 -0.67	13.67 -0.30 -0.52	0.00 0.02 -1.34	14.41 -0.41 -0.31	24.24 -0.73 0.00	24.48 -0.63 0.00	29.16 -0.51 0.00	30.88 -0.52 0.00	33.66 -0.60 0.00	31.71 -0.69 -0.01	29.71 -0.79 0.00	23.68 -0.68 -0.06	22.46 -0.73 0.95	27.78 -0.84 0.00	25.87 -0.76 0.00	29.41 -0.77 0.00	36.63 -1.01 0.00	33.69 -0.83 -0.13	29.26 -0.67 0.00	31.87 -0.72 0.00	48.26 -0.91 0.00
LINDEN COGEN____ 23786	30.66 1.49 0.00	23.71 0.91 -6.06	21.27 0.59 -9.62	21.80 0.57 -10.66	22.49 0.71 -8.33	19.91 -0.08 -21.36	20.16 0.81 -4.84	26.24 1.26 0.00	26.57 1.46 0.00	31.35 1.68 0.00	33.30 1.91 0.00	36.53 2.27 0.00	35.05 2.46 -0.21	32.98 2.47 0.00	27.50 2.19 -1.02	30.45 2.28 -4.03	31.42 2.80 0.00	29.29 2.65 0.00	33.17 2.99 0.00	41.00 3.36 0.00	37.28 2.90 0.00	32.40 2.47 0.00	35.05 2.47 0.00	52.49 3.33 0.00
LINDHRST_69_KV_BK1 356055	31.40 2.23 0.00	25.34 1.36 -7.24	22.94 0.89 -10.99	36.10 0.86 -24.67	38.91 1.08 -24.38	38.76 -0.12 -40.23	37.97 1.20 -22.26	26.89 1.91 0.00	32.31 2.14 -5.06	38.78 2.55 -6.55	36.77 2.83 -2.55	37.34 3.08 0.00	35.80 3.20 -0.21	35.42 3.27 -1.66	32.51 2.81 -5.40	49.03 2.86 -22.03	52.10 3.49 -19.98	29.82 3.18 0.00	33.87 3.69 0.00	41.84 4.20 0.00	38.07 3.69 0.00	33.05 3.12 0.00	35.77 3.18 0.00	53.43 4.27 0.00
LIPA_MISC_IPP 23656	31.29 2.12 0.00	25.31 1.33 -7.24	22.96 0.91 -10.99	36.13 0.89 -24.67	38.95 1.13 -24.38	38.75 -0.12 -40.23	38.01 1.24 -22.26	26.87 1.89 0.00	32.22 2.05 -5.06	38.67 2.44 -6.55	36.64 2.69 -2.55	37.09 2.83 0.00	35.59 3.00 -0.21	35.23 3.07 -1.66	32.42 2.72 -5.40	48.96 2.78 -22.03	51.97 3.36 -19.98	29.67 3.03 0.00	33.70 3.52 0.00	41.59 3.95 0.00	37.73 3.34 0.00	32.72 2.79 0.00	35.39 2.80 0.00	52.83 3.67 0.00
LISF____SOLAR 323691	31.37 2.20 0.00	25.35 1.37 -7.24	22.99 0.93 -10.99	36.16 0.92 -24.68	38.98 1.16 -24.38	38.75 -0.12 -40.23	38.05 1.28 -22.26	26.93 1.95 0.00	32.28 2.10 -5.06	38.74 2.51 -6.55	36.71 2.76 -2.55	37.18 2.91 0.00	35.67 3.07 -0.21	35.29 3.13 -1.66	32.47 2.78 -5.40	49.02 2.84 -22.03	52.05 3.44 -19.99	29.74 3.10 0.00	33.79 3.61 0.00	41.71 4.07 0.00	37.83 3.45 0.00	32.80 2.88 0.00	35.48 2.90 0.00	52.96 3.79 0.00

LITTLE FALLS___HYD 24013	29.49 0.31 0.00	17.04 0.30 0.00	11.31 0.25 0.00	10.81 0.25 0.00	13.75 0.31 0.00	-1.39 -0.02 0.00	14.83 0.32 0.00	25.44 0.46 0.00	25.57 0.46 0.00	30.00 0.33 0.00	31.66 0.27 0.00	34.83 0.57 0.00	33.06 0.68 0.00	31.17 0.67 0.00	24.85 0.56 0.00	24.97 0.53 -0.30	29.17 0.54 0.00	27.16 0.52 0.00	30.91 0.73 0.00	38.28 0.64 0.00	34.96 0.58 0.00	30.45 0.53 0.00	33.26 0.68 0.00	49.87 0.70 0.00
LITTLRIV_115KV_TB1 356100	29.00 -0.18 0.00	16.50 -0.23 0.00	10.87 -0.19 0.00	10.38 -0.19 0.00	13.24 -0.21 0.00	-1.34 0.02 0.00	14.25 -0.26 0.00	24.68 -0.30 0.00	24.78 -0.33 0.00	29.20 -0.47 0.00	30.81 -0.58 0.00	33.49 -0.78 0.00	31.53 -0.85 0.00	29.88 -0.63 0.00	23.70 -0.59 0.00	21.55 -0.98 1.61	27.49 -1.14 0.00	25.61 -1.03 0.00	29.08 -1.10 0.00	36.48 -1.16 0.00	33.47 -0.93 -0.02	29.19 -0.73 0.00	31.72 -0.87 0.00	47.68 -1.49 0.00
LI_NEWBRDGE___DRP 323616	30.94 1.77 0.00	25.07 1.10 -7.24	22.77 0.72 -10.99	35.93 0.69 -24.67	38.70 0.87 -24.38	38.78 -0.09 -40.23	37.74 0.97 -22.26	26.51 1.54 0.00	31.91 1.74 -5.06	38.29 2.07 -6.55	36.25 2.30 -2.55	36.79 2.52 0.00	35.26 2.67 -0.21	34.86 2.70 -1.66	32.07 2.37 -5.40	48.63 2.45 -22.03	51.57 2.96 -19.98	29.36 2.72 0.00	33.29 3.11 0.00	41.15 3.51 0.00	37.41 3.03 0.00	32.49 2.56 0.00	35.18 2.60 0.00	52.65 3.48 0.00
LOCKPORT_115KV_TB60_63_64 80432	24.36 -1.53 3.29	16.66 -0.89 -0.81	11.68 -0.67 -1.29	11.37 -0.62 -1.43	13.66 -0.90 -1.12	1.57 0.07 -2.86	14.37 -0.79 -0.65	23.30 -1.68 0.00	23.46 -1.65 0.00	28.19 -1.48 0.00	29.87 -1.53 0.00	31.81 -1.68 0.78	27.45 -1.62 3.32	20.37 -1.78 8.36	22.54 -1.66 0.09	22.96 -1.37 -0.19	27.19 -1.44 0.00	25.05 -1.59 0.00	28.40 -1.77 0.00	35.60 -2.04 0.00	32.39 -2.00 0.00	28.33 -1.59 0.00	31.01 -1.58 0.00	46.81 -2.35 0.00
LOCKPORT___CC1 323769	24.23 -1.59 3.35	16.64 -0.92 -0.82	11.67 -0.69 -1.30	11.37 -0.63 -1.44	13.65 -0.92 -1.13	1.59 0.07 -2.89	14.35 -0.82 -0.65	23.26 -1.72 0.00	23.42 -1.70 0.00	28.14 -1.53 0.00	29.83 -1.56 0.00	31.68 -1.75 0.84	27.11 -1.67 3.60	19.62 -1.82 9.07	22.47 -1.71 0.11	22.93 -1.41 -0.19	27.12 -1.51 0.00	24.97 -1.66 0.00	28.32 -1.86 0.00	35.54 -2.10 0.00	32.34 -2.05 0.00	28.26 -1.67 0.00	30.95 -1.64 0.00	46.72 -2.45 0.00
LOCKPORT___CC2 323770	24.23 -1.59 3.35	16.64 -0.92 -0.82	11.67 -0.69 -1.30	11.37 -0.63 -1.44	13.65 -0.92 -1.13	1.59 0.07 -2.89	14.35 -0.82 -0.65	23.26 -1.72 0.00	23.42 -1.70 0.00	28.14 -1.53 0.00	29.83 -1.56 0.00	31.68 -1.75 0.84	27.11 -1.67 3.60	19.62 -1.82 9.07	22.47 -1.71 0.11	22.93 -1.41 -0.19	27.12 -1.51 0.00	24.97 -1.66 0.00	28.32 -1.86 0.00	35.54 -2.10 0.00	32.34 -2.05 0.00	28.26 -1.67 0.00	30.95 -1.64 0.00	46.72 -2.45 0.00
LOCKPORT___CC3 323771	24.23 -1.59 3.35	16.64 -0.92 -0.82	11.67 -0.69 -1.30	11.37 -0.63 -1.44	13.65 -0.92 -1.13	1.59 0.07 -2.89	14.35 -0.82 -0.65	23.26 -1.72 0.00	23.42 -1.70 0.00	28.14 -1.53 0.00	29.83 -1.56 0.00	31.68 -1.75 0.84	27.11 -1.67 3.60	19.62 -1.82 9.07	22.47 -1.71 0.11	22.93 -1.41 -0.19	27.12 -1.51 0.00	24.97 -1.66 0.00	28.32 -1.86 0.00	35.54 -2.10 0.00	32.34 -2.05 0.00	28.26 -1.67 0.00	30.95 -1.64 0.00	46.72 -2.45 0.00
LONG_LAKE_PHOENIX 24014	28.66 -0.51 0.00	16.88 -0.28 -0.43	11.53 -0.21 -0.68	11.12 -0.20 -0.75	13.78 -0.26 -0.59	0.17 0.02 -1.51	14.59 -0.26 -0.34	24.49 -0.49 0.00	24.67 -0.45 0.00	29.28 -0.40 0.00	30.99 -0.40 0.00	33.82 -0.45 0.00	31.92 -0.47 -0.02	29.94 -0.57 0.00	23.87 -0.49 -0.07	23.55 -0.48 0.12	28.08 -0.55 0.00	26.13 -0.51 0.00	29.64 -0.54 0.00	36.94 -0.70 0.00	33.91 -0.65 -0.18	29.38 -0.55 0.00	32.04 -0.55 0.00	48.64 -0.53 0.00
LOVETT___3 23632	30.50 1.33 0.00	23.35 0.81 -5.82	20.80 0.52 -9.22	21.29 0.50 -10.23	22.07 0.63 -7.99	19.05 -0.07 -20.48	19.86 0.71 -4.65	26.08 1.11 0.00	26.39 1.28 0.00	31.20 1.52 0.00	33.12 1.73 0.00	36.33 2.06 0.00	34.80 2.22 -0.20	32.74 2.24 0.00	27.24 1.97 -0.98	23.47 2.04 2.71	31.11 2.48 0.00	28.97 2.33 0.00	32.82 2.64 0.00	40.64 3.01 0.00	37.02 2.63 0.00	32.13 2.20 0.00	34.82 2.23 0.00	52.18 3.01 0.00
LOVETT___4 23642	30.50 1.33 0.00	23.35 0.81 -5.82	20.80 0.52 -9.22	21.29 0.50 -10.23	22.07 0.63 -7.99	19.05 -0.07 -20.48	19.86 0.71 -4.65	26.08 1.11 0.00	26.39 1.28 0.00	31.20 1.52 0.00	33.12 1.73 0.00	36.33 2.06 0.00	34.80 2.22 -0.20	32.74 2.24 0.00	27.24 1.97 -0.98	23.47 2.04 2.71	31.11 2.48 0.00	28.97 2.33 0.00	32.82 2.64 0.00	40.64 3.01 0.00	37.02 2.63 0.00	32.13 2.20 0.00	34.82 2.23 0.00	52.18 3.01 0.00
LOVETT___5 23593	30.50 1.33 0.00	23.35 0.81 -5.82	20.80 0.52 -9.22	21.29 0.50 -10.23	22.07 0.63 -7.99	19.05 -0.07 -20.48	19.86 0.71 -4.65	26.08 1.11 0.00	26.39 1.28 0.00	31.20 1.52 0.00	33.12 1.73 0.00	36.33 2.06 0.00	34.80 2.22 -0.20	32.74 2.24 0.00	27.24 1.97 -0.98	23.47 2.04 2.71	31.11 2.48 0.00	28.97 2.33 0.00	32.82 2.64 0.00	40.64 3.01 0.00	37.02 2.63 0.00	32.13 2.20 0.00	34.82 2.23 0.00	52.18 3.01 0.00
LOWER RAQUET___HYD 24057	28.57 -0.60 0.00	16.26 -0.47 0.00	10.70 -0.36 0.00	10.21 -0.35 0.00	13.04 -0.40 0.00	-1.32 0.04 0.00	14.02 -0.50 0.00	24.26 -0.72 0.00	24.37 -0.74 0.00	28.74 -0.94 0.00	30.32 -1.07 0.00	32.96 -1.30 0.00	31.02 -1.36 0.00	29.38 -1.13 0.00	23.30 -0.99 0.00	21.07 -1.39 1.68	26.99 -1.64 0.00	25.16 -1.47 0.00	28.55 -1.63 0.00	35.81 -1.83 0.00	32.87 -1.53 -0.02	28.69 -1.24 0.00	31.17 -1.42 0.00	46.90 -2.26 0.00
LOWER___HUDSON 24059	30.50 1.33 0.00	25.45 0.79 -7.93	24.19 0.55 -12.58	25.04 0.53 -13.95	25.02 0.67 -10.90	26.50 -0.07 -27.93	21.57 0.72 -6.33	26.17 1.19 0.00	26.32 1.21 0.00	31.05 1.38 0.00	32.79 1.40 0.00	35.89 1.62 0.00	34.24 1.59 -0.28	31.95 1.44 0.00	26.76 1.14 -1.33	27.51 1.14 -2.23	29.94 1.31 0.00	27.80 1.17 0.00	31.59 1.41 0.00	39.30 1.67 0.00	35.97 1.58 0.00	31.25 1.33 0.00	34.09 1.50 0.00	51.12 1.95 0.00
LOWVILLE_115KV_TB2 356335	28.81 -0.37 0.00	16.58 -0.34 -0.18	10.93 -0.43 -0.30	10.55 -0.34 -0.33	13.49 -0.20 -0.25	-0.71 0.01 -0.66	14.20 -0.46 -0.15	24.16 -0.82 0.00	24.44 -0.67 0.00	28.99 -0.68 0.00	30.63 -0.76 0.00	33.34 -0.92 0.00	31.31 -1.07 -0.01	29.43 -1.07 0.00	23.44 -0.88 -0.03	28.92 -1.00 -5.78	27.50 -1.13 0.00	25.68 -0.95 0.00	29.28 -0.90 0.00	36.42 -1.22 0.00	33.76 -0.66 -0.04	29.27 -0.65 0.00	31.70 -0.88 0.00	47.72 -1.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.90 1.72 0.00	25.81 0.99 -8.08	24.55 0.67 -12.81	25.42 0.65 -14.21	25.37 0.82 -11.11	27.01 -0.08 -28.46	21.85 0.89 -6.45	26.50 1.53 0.00	26.70 1.58 0.00	31.54 1.87 0.00	33.31 1.92 0.00	36.44 2.17 0.00	34.75 2.09 -0.28	32.42 1.92 0.00	27.12 1.48 -1.35	27.86 1.49 -2.23	30.40 1.77 0.00	28.23 1.60 0.00	32.14 1.96 0.00	40.06 2.42 0.00	36.69 2.31 0.00	31.89 1.97 0.00	34.75 2.17 0.00	52.17 3.00 0.00

LUTHERNY_35_KV_BK2 355980	30.90 1.73 0.00	25.81 0.99 -8.08	24.56 0.68 -12.81	25.43 0.66 -14.21	25.38 0.83 -11.11	27.01 -0.08 -28.46	21.85 0.89 -6.45	26.51 1.53 0.00	26.72 1.61 0.00	31.54 1.87 0.00	33.36 1.97 0.00	36.44 2.18 0.00	34.77 2.11 -0.28	32.46 1.95 0.00	27.13 1.48 -1.35	27.88 1.51 -2.23	30.43 1.80 0.00	28.25 1.62 0.00	32.19 2.01 0.00	40.12 2.48 0.00	36.73 2.34 0.00	31.95 2.03 0.00	34.80 2.22 0.00	52.24 3.07 0.00
LWR___OSWEGATCHIE_HYD 23850	28.54 -0.63 0.00	16.38 -0.49 -0.14	10.83 -0.45 -0.22	10.40 -0.40 -0.24	13.24 -0.39 -0.19	-0.85 0.03 -0.48	14.06 -0.56 -0.11	24.07 -0.91 0.00	24.28 -0.84 0.00	28.72 -0.95 0.00	30.35 -1.04 0.00	33.02 -1.24 0.00	31.02 -1.36 0.00	29.27 -1.24 0.00	23.27 -1.04 -0.02	19.92 -1.32 2.90	27.11 -1.52 0.00	25.30 -1.33 0.00	28.77 -1.41 0.00	35.94 -1.70 0.00	33.15 -1.27 -0.03	28.84 -1.08 0.00	31.29 -1.29 0.00	47.11 -2.06 0.00
LYONS_FALL_HYD 23570	29.16 -0.02 0.00	16.82 -0.08 -0.17	11.15 -0.19 -0.28	10.74 -0.13 -0.31	13.65 -0.03 -0.24	-0.76 -0.01 -0.62	14.47 -0.18 -0.14	24.65 -0.33 0.00	24.90 -0.21 0.00	29.50 -0.17 0.00	31.22 -0.17 0.00	34.04 -0.22 0.00	32.06 -0.33 -0.01	30.14 -0.37 0.00	24.00 -0.32 -0.03	23.76 -0.37 0.01	28.21 -0.42 0.00	26.32 -0.31 0.00	29.94 -0.24 0.00	37.26 -0.37 0.00	34.36 -0.06 -0.03	29.82 -0.10 0.00	32.35 -0.23 0.00	48.73 -0.44 0.00
MADISON___COUNTY_LFGE 323628	29.65 0.48 0.00	17.34 0.28 -0.32	11.73 0.16 -0.51	11.29 0.16 -0.57	14.10 0.21 -0.44	-0.25 -0.03 -1.13	14.99 0.22 -0.26	25.34 0.36 0.00	25.52 0.40 0.00	30.21 0.54 0.00	32.09 0.70 0.00	35.05 0.79 0.00	33.12 0.73 -0.01	31.14 0.64 0.00	24.82 0.47 -0.05	25.32 0.51 -0.67	29.22 0.59 0.00	27.23 0.59 0.00	30.91 0.74 0.00	38.52 0.88 0.00	35.28 0.87 -0.03	30.68 0.75 0.00	33.38 0.80 0.00	50.32 1.16 0.00
MALONE___115KV_TB1 356076	29.15 -0.03 0.00	16.52 -0.21 0.00	10.84 -0.22 0.00	10.31 -0.26 0.00	13.10 -0.35 0.00	-1.32 0.05 0.00	14.02 -0.50 0.00	24.36 -0.62 0.00	24.50 -0.61 0.00	28.95 -0.72 0.00	30.59 -0.80 0.00	33.32 -0.95 0.00	31.31 -1.07 0.00	29.70 -0.81 0.00	23.44 -0.85 0.00	22.18 -1.15 0.81	27.18 -1.45 0.00	25.36 -1.28 0.00	28.84 -1.34 0.00	36.30 -1.34 0.00	33.30 -1.08 0.00	29.13 -0.80 0.00	31.67 -0.92 0.00	47.70 -1.47 0.00
MAPLEWOD_115KV_TB3 80458	30.46 1.29 0.00	25.38 0.78 -7.87	24.08 0.53 -12.49	24.93 0.51 -13.85	24.91 0.64 -10.82	26.31 -0.07 -27.74	21.50 0.69 -6.29	26.10 1.12 0.00	26.19 1.08 0.00	30.82 1.15 0.00	32.59 1.20 0.00	35.66 1.39 0.00	34.06 1.40 -0.28	31.80 1.30 0.00	26.69 1.08 -1.32	27.43 1.08 -2.21	29.85 1.23 0.00	27.74 1.10 0.00	31.48 1.30 0.00	39.15 1.51 0.00	35.79 1.41 0.00	31.11 1.19 0.00	33.89 1.30 0.00	50.83 1.66 0.00
MAPLE_RIDGE_WT_1 323574	28.68 -0.49 0.00	16.32 -0.41 0.00	10.76 -0.30 0.00	10.30 -0.26 0.00	13.17 -0.27 0.00	-1.34 0.03 0.00	14.16 -0.35 0.00	24.38 -0.60 0.00	24.45 -0.67 0.00	28.75 -0.93 0.00	30.43 -0.97 0.00	33.19 -1.07 0.00	31.24 -1.14 0.00	29.49 -1.01 0.00	23.47 -0.83 0.00	23.34 -0.81 -0.01	27.71 -0.92 0.00	25.81 -0.83 0.00	29.24 -0.94 0.00	36.63 -1.01 0.00	33.61 -0.77 0.00	29.26 -0.67 0.00	31.86 -0.72 0.00	48.21 -0.95 0.00
MAPLE_RIDGE_WT_2 323611	28.68 -0.49 0.00	16.32 -0.41 0.00	10.76 -0.30 0.00	10.30 -0.26 0.00	13.17 -0.27 0.00	-1.34 0.03 0.00	14.16 -0.35 0.00	24.38 -0.60 0.00	24.45 -0.67 0.00	28.75 -0.93 0.00	30.43 -0.97 0.00	33.19 -1.07 0.00	31.24 -1.14 0.00	29.49 -1.01 0.00	23.47 -0.83 0.00	23.34 -0.81 -0.01	27.71 -0.92 0.00	25.81 -0.83 0.00	29.24 -0.94 0.00	36.63 -1.01 0.00	33.61 -0.77 0.00	29.26 -0.67 0.00	31.86 -0.72 0.00	48.21 -0.95 0.00
MARBLE_RIVER_WT_PWR 323696	29.15 -0.02 0.00	16.51 -0.22 0.00	10.82 -0.24 0.00	10.28 -0.29 0.00	13.05 -0.40 0.00	-1.31 0.06 0.00	13.88 -0.63 0.00	24.15 -0.83 0.00	24.28 -0.83 0.00	28.69 -0.98 0.00	30.36 -1.03 0.00	33.08 -1.19 0.00	31.04 -1.34 0.00	29.46 -1.05 0.00	23.17 -1.12 0.00	22.34 -1.41 0.39	26.81 -1.82 0.00	25.03 -1.61 0.00	28.53 -1.65 0.00	35.93 -1.71 0.00	32.94 -1.45 0.00	28.86 -1.06 0.00	31.44 -1.14 0.00	47.37 -1.79 0.00
MARSHVLE_115KV_TB1 80742	30.60 1.43 0.00	26.65 0.75 -9.17	26.08 0.47 -14.55	27.15 0.45 -16.13	26.61 0.56 -12.61	30.89 -0.06 -32.31	22.44 0.60 -7.33	25.99 1.01 0.00	26.28 1.16 0.00	30.97 1.30 0.00	32.74 1.35 0.00	35.95 1.69 0.00	34.24 1.54 -0.32	32.05 1.55 0.00	26.99 1.17 -1.54	27.39 1.18 -2.06	30.03 1.40 0.00	28.01 1.37 0.00	31.76 1.58 0.00	39.66 2.02 0.00	36.21 1.83 0.00	31.58 1.65 0.00	34.43 1.84 0.00	52.01 2.84 0.00
MARSH_HILL_WT_PWR 323713	17.06 -2.22 9.89	16.66 -1.24 -1.17	11.98 -0.94 -1.86	11.76 -0.86 -2.06	13.89 -1.17 -1.61	2.86 0.11 -4.12	14.35 -1.10 -0.93	23.01 -1.97 0.00	23.20 -1.91 0.00	27.69 -1.99 0.00	29.47 -1.92 0.00	36.20 -1.73 -3.67	46.75 -1.72 -16.09	70.34 -1.87 -41.70	23.80 -1.89 -1.39	22.79 -1.62 -0.27	27.16 -1.47 0.00	25.40 -1.24 0.00	28.71 -1.48 0.00	36.30 -1.34 0.00	32.93 -1.47 -0.02	28.64 -1.28 0.00	31.29 -1.29 0.00	46.93 -2.24 0.00
MCINTYRE_115KV_TB2 80467	29.27 0.10 0.00	16.67 -0.06 0.00	10.99 -0.07 0.00	10.49 -0.08 0.00	13.38 -0.07 0.00	-1.35 0.01 0.00	14.42 -0.09 0.00	24.97 -0.01 0.00	25.05 -0.06 0.00	29.50 -0.17 0.00	31.13 -0.26 0.00	33.82 -0.45 0.00	31.86 -0.52 0.00	30.21 -0.30 0.00	23.95 -0.34 0.00	21.94 -0.72 1.49	27.81 -0.82 0.00	25.90 -0.74 0.00	29.42 -0.76 0.00	36.93 -0.72 0.00	33.84 -0.54 0.00	29.53 -0.40 0.00	32.07 -0.51 0.00	48.21 -0.95 0.00
MECO_____69_KV_BK1 80468	31.75 2.58 0.00	27.07 1.45 -8.89	26.07 0.91 -14.09	27.07 0.87 -15.63	26.73 1.07 -12.21	29.83 -0.11 -31.30	22.76 1.15 -7.10	26.87 1.90 0.00	27.22 2.11 0.00	31.11 1.44 0.00	33.43 2.04 0.00	36.53 2.26 0.00	35.40 2.71 -0.31	33.54 3.03 0.00	27.96 2.18 -1.49	28.48 2.34 -2.00	31.34 2.71 0.00	29.18 2.54 0.00	33.15 2.97 0.00	41.71 4.07 0.00	38.10 3.71 0.00	33.10 3.17 0.00	35.94 3.36 0.00	54.10 4.93 0.00
MENANDS___115KV_TB5 355628	30.35 1.18 0.00	25.31 0.72 -7.86	24.02 0.50 -12.46	24.86 0.48 -13.82	24.85 0.60 -10.80	26.25 -0.06 -27.68	21.44 0.65 -6.27	26.01 1.03 0.00	26.08 0.96 0.00	30.64 0.97 0.00	32.40 1.01 0.00	35.45 1.18 0.00	33.86 1.21 -0.28	31.62 1.11 0.00	26.55 0.94 -1.32	27.29 0.94 -2.21	29.68 1.05 0.00	27.58 0.94 0.00	31.29 1.11 0.00	38.90 1.26 0.00	35.55 1.17 0.00	30.90 0.97 0.00	33.66 1.07 0.00	50.49 1.32 0.00
MG INDUSTRY___DRP 24185	30.26 1.08 0.00	25.07 0.67 -7.67	23.68 0.46 -12.16	24.49 0.44 -13.49	24.54 0.55 -10.54	25.59 -0.06 -27.01	21.24 0.61 -6.12	25.95 0.97 0.00	26.03 0.92 0.00	30.61 0.94 0.00	32.32 0.93 0.00	35.32 1.05 0.00	33.70 1.05 -0.27	31.51 1.00 0.00	26.44 0.86 -1.28	27.11 0.85 -2.11	29.59 0.96 0.00	27.50 0.87 0.00	31.21 1.03 0.00	38.84 1.20 0.00	35.50 1.12 0.00	30.86 0.93 0.00	33.60 1.02 0.00	50.49 1.33 0.00

MID___OSWEGATCHIE_HYD 23849	28.54 -0.63 0.00	16.38 -0.49 -0.14	10.83 -0.45 -0.22	10.40 -0.40 -0.24	13.24 -0.39 -0.19	-0.85 0.03 -0.48	14.06 -0.56 -0.11	24.07 -0.91 0.00	24.28 -0.84 0.00	28.72 -0.95 0.00	30.35 -1.04 0.00	33.02 -1.24 0.00	31.02 -1.36 0.00	29.27 -1.24 0.00	23.27 -1.04 -0.02	19.92 -1.32 2.90	27.11 -1.52 0.00	25.30 -1.33 0.00	28.77 -1.41 0.00	35.94 -1.70 0.00	33.15 -1.27 -0.03	28.84 -1.08 0.00	31.29 -1.29 0.00	47.11 -2.06 0.00
MID___RAQUETTE_HYD 23851	28.57 -0.60 0.00	16.26 -0.47 0.00	10.70 -0.36 0.00	10.22 -0.35 0.00	13.04 -0.40 0.00	-1.32 0.04 0.00	14.02 -0.50 0.00	24.26 -0.72 0.00	24.37 -0.74 0.00	28.74 -0.94 0.00	30.33 -1.07 0.00	32.96 -1.30 0.00	31.02 -1.37 0.00	29.38 -1.12 0.00	23.30 -0.99 0.00	21.07 -1.39 1.68	26.99 -1.64 0.00	25.16 -1.47 0.00	28.55 -1.63 0.00	35.81 -1.83 0.00	32.87 -1.53 -0.02	28.68 -1.24 0.00	31.17 -1.42 0.00	46.90 -2.26 0.00
MILLIKEN___1 23584	42.06 0.12 -12.77	18.07 0.15 -1.18	13.00 0.07 -1.87	12.71 0.07 -2.07	15.12 0.05 -1.62	2.77 -0.01 -4.15	15.56 0.10 -0.94	25.14 0.16 0.00	25.32 0.21 0.00	30.06 0.38 0.00	31.91 0.52 0.00	35.11 0.60 -0.25	34.06 0.56 -1.12	32.19 0.43 -1.25	24.77 0.29 -0.19	24.72 0.32 -0.26	29.10 0.47 0.00	27.06 0.43 0.00	30.76 0.59 0.00	38.30 0.66 0.00	35.03 0.59 -0.07	30.49 0.56 0.00	33.18 0.60 0.00	50.18 1.01 0.00
MILLIKEN___2 23585	42.06 0.12 -12.77	18.07 0.15 -1.18	13.00 0.07 -1.87	12.71 0.07 -2.07	15.12 0.05 -1.62	2.77 -0.01 -4.15	15.56 0.10 -0.94	25.14 0.16 0.00	25.32 0.21 0.00	30.06 0.38 0.00	31.91 0.52 0.00	35.11 0.60 -0.25	34.06 0.56 -1.12	32.19 0.43 -1.25	24.77 0.29 -0.19	24.72 0.32 -0.26	29.10 0.47 0.00	27.06 0.43 0.00	30.76 0.59 0.00	38.30 0.66 0.00	35.03 0.59 -0.07	30.49 0.56 0.00	33.18 0.60 0.00	50.18 1.01 0.00
MILLIKEN___DIESEL 23629	42.06 0.12 -12.77	18.07 0.15 -1.18	13.00 0.07 -1.87	12.71 0.07 -2.07	15.12 0.05 -1.62	2.77 -0.01 -4.15	15.56 0.10 -0.94	25.14 0.16 0.00	25.32 0.21 0.00	30.06 0.38 0.00	31.91 0.52 0.00	35.11 0.60 -0.25	34.06 0.56 -1.12	32.19 0.43 -1.25	24.77 0.29 -0.19	24.72 0.32 -0.26	29.10 0.47 0.00	27.06 0.43 0.00	30.76 0.59 0.00	38.30 0.66 0.00	35.03 0.59 -0.07	30.49 0.56 0.00	33.18 0.60 0.00	50.18 1.01 0.00
MILLSEAT___LFGE 323607	25.20 -0.91 3.07	16.97 -0.54 -0.79	11.86 -0.44 -1.24	11.54 -0.41 -1.38	13.91 -0.62 -1.08	1.44 0.04 -2.76	14.65 -0.49 -0.63	23.87 -1.11 0.00	24.08 -1.04 0.00	28.90 -0.77 0.00	30.70 -0.69 0.00	32.84 -0.78 0.64	28.88 -0.76 2.74	22.66 -0.96 6.89	23.21 -1.03 0.05	23.62 -0.70 -0.18	27.93 -0.70 0.00	25.76 -0.87 0.00	29.22 -0.96 0.00	36.62 -1.03 0.00	33.37 -1.01 0.00	29.14 -0.78 0.00	31.87 -0.71 0.00	48.08 -1.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.60 1.42 0.00	23.63 0.87 -6.03	21.19 0.56 -9.56	21.71 0.54 -10.60	22.41 0.68 -8.29	19.79 -0.07 -21.24	20.09 0.77 -4.81	26.19 1.21 0.00	26.50 1.39 0.00	31.32 1.65 0.00	33.24 1.85 0.00	36.44 2.18 0.00	34.92 2.33 -0.21	32.82 2.32 0.00	27.33 2.02 -1.01	30.57 2.10 -4.33	31.19 2.56 0.00	29.03 2.40 0.00	32.90 2.72 0.00	40.73 3.09 0.00	37.08 2.70 0.00	32.20 2.27 0.00	34.89 2.31 0.00	52.29 3.12 0.00
MILLWOOD_13_KV_LOAD 356217	30.66 1.49 0.00	23.67 0.91 -6.03	21.21 0.59 -9.56	21.74 0.57 -10.60	22.44 0.71 -8.29	19.79 -0.08 -21.24	20.13 0.80 -4.81	26.26 1.28 0.00	26.57 1.46 0.00	31.41 1.74 0.00	33.33 1.94 0.00	36.54 2.28 0.00	35.01 2.42 -0.21	32.91 2.40 0.00	27.41 2.10 -1.01	30.65 2.19 -4.33	31.30 2.67 0.00	29.14 2.51 0.00	33.02 2.84 0.00	40.88 3.24 0.00	37.21 2.82 0.00	32.30 2.37 0.00	35.01 2.42 0.00	52.46 3.29 0.00
MODEL_CITY_ENERGY 24167	23.92 -1.83 3.43	16.49 -1.07 -0.83	11.59 -0.79 -1.32	11.29 -0.74 -1.46	13.55 -1.04 -1.14	1.65 0.08 -2.93	14.23 -0.94 -0.66	23.02 -1.95 0.00	23.17 -1.94 0.00	27.85 -1.82 0.00	29.46 -1.94 0.00	31.28 -2.15 0.84	26.84 -1.98 3.57	19.45 -2.07 8.98	22.24 -1.94 0.10	22.69 -1.65 -0.19	26.82 -1.81 0.00	24.70 -1.93 0.00	27.97 -2.21 0.00	35.06 -2.58 0.00	31.90 -2.48 0.00	27.88 -2.05 0.00	30.55 -2.04 0.00	46.14 -3.03 0.00
MODERN_LFGE___ 323580	23.92 -1.83 3.43	16.49 -1.07 -0.83	11.59 -0.79 -1.32	11.29 -0.74 -1.46	13.55 -1.04 -1.14	1.65 0.08 -2.93	14.23 -0.94 -0.66	23.02 -1.95 0.00	23.17 -1.94 0.00	27.85 -1.82 0.00	29.46 -1.94 0.00	31.28 -2.15 0.84	26.84 -1.98 3.57	19.45 -2.07 8.98	22.24 -1.94 0.10	22.69 -1.65 -0.19	26.82 -1.81 0.00	24.70 -1.93 0.00	27.97 -2.21 0.00	35.06 -2.58 0.00	31.90 -2.48 0.00	27.88 -2.05 0.00	30.55 -2.04 0.00	46.14 -3.03 0.00
MOHAWK_PAPER___DRP 24187	30.46 1.29 0.00	25.38 0.78 -7.87	24.08 0.53 -12.49	24.93 0.51 -13.85	24.91 0.64 -10.82	26.31 -0.07 -27.74	21.50 0.69 -6.29	26.10 1.12 0.00	26.19 1.08 0.00	30.82 1.15 0.00	32.59 1.20 0.00	35.66 1.39 0.00	34.06 1.40 -0.28	31.80 1.30 0.00	26.69 1.08 -1.32	27.43 1.08 -2.21	29.85 1.23 0.00	27.74 1.10 0.00	31.48 1.30 0.00	39.15 1.51 0.00	35.79 1.41 0.00	31.11 1.19 0.00	33.89 1.30 0.00	50.83 1.66 0.00
MOHICAN___35_KV_115KV_LD 80490	31.43 2.25 0.00	26.09 1.27 -8.09	24.74 0.85 -12.82	25.61 0.82 -14.22	25.60 1.04 -11.12	27.02 -0.11 -28.49	22.09 1.12 -6.46	26.99 2.01 0.00	27.21 2.09 0.00	32.20 2.53 0.00	33.96 2.56 0.00	37.18 2.91 0.00	35.33 2.67 -0.28	32.88 2.37 0.00	27.39 1.75 -1.35	28.10 1.73 -2.23	30.69 2.07 0.00	28.51 1.88 0.00	32.59 2.41 0.00	40.69 3.05 0.00	37.41 3.03 0.00	32.52 2.60 0.00	35.49 2.90 0.00	53.22 4.05 0.00
MONGAUP___HYD 23641	30.54 1.36 0.00	22.94 0.81 -5.40	20.15 0.51 -8.57	20.56 0.49 -9.50	21.49 0.61 -7.43	17.60 -0.07 -19.03	19.51 0.68 -4.32	26.09 1.11 0.00	26.36 1.25 0.00	31.16 1.49 0.00	33.04 1.65 0.00	36.13 1.86 0.00	34.36 1.80 -0.19	32.26 1.76 0.00	26.92 1.72 -0.91	24.81 1.79 1.13	30.89 2.26 0.00	28.82 2.19 0.00	32.59 2.42 0.00	40.65 3.01 0.00	37.02 2.63 0.00	32.11 2.18 0.00	34.83 2.24 0.00	52.23 3.06 0.00
MONTAUK___DIESEL 23721	32.21 3.04 0.00	25.79 1.82 -7.24	23.26 1.21 -10.99	36.42 1.17 -24.67	39.32 1.50 -24.38	38.72 -0.15 -40.23	38.36 1.59 -22.26	27.47 2.49 0.00	32.86 2.68 -5.06	39.43 3.21 -6.55	37.41 3.46 -2.55	38.12 3.85 0.00	36.53 3.94 -0.21	36.29 4.13 -1.66	33.22 3.52 -5.40	49.70 3.53 -22.03	52.68 4.07 -19.98	30.34 3.71 0.00	34.32 4.14 0.00	42.28 4.65 0.00	38.27 3.89 0.00	33.05 3.12 0.00	35.66 3.08 0.00	53.13 3.96 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.58 -2.06 4.53	16.68 -1.02 -0.97	11.77 -0.82 -1.53	11.54 -0.72 -1.70	13.73 -1.05 -1.33	2.13 0.09 -3.40	14.37 -0.91 -0.77	23.18 -1.80 0.00	23.43 -1.69 0.00	28.07 -1.60 0.00	29.85 -1.54 0.00	31.80 -1.66 0.80	27.36 -1.62 3.41	20.06 -1.91 8.53	22.38 -1.85 0.07	22.82 -1.54 -0.23	27.44 -1.19 0.00	25.47 -1.17 0.00	29.09 -1.09 0.00	36.77 -0.87 0.00	33.26 -1.13 0.00	28.93 -0.99 0.00	31.71 -0.88 0.00	47.85 -1.32 0.00

MORTIMER_115KV_TB3 55949	26.26 -0.74 2.17	16.98 -0.42 -0.67	11.80 -0.32 -1.06	11.44 -0.30 -1.18	13.92 -0.45 -0.92	1.02 0.03 -2.36	14.66 -0.38 -0.53	24.16 -0.82 0.00	24.37 -0.75 0.00	29.12 -0.55 0.00	30.93 -0.46 0.00	33.73 -0.54 0.00	31.76 -0.64 -0.02	29.66 -0.84 0.00	23.66 -0.75 -0.11	23.74 -0.56 -0.15	28.08 -0.55 0.00	25.98 -0.66 0.00	29.51 -0.67 0.00	36.93 -0.71 0.00	33.67 -0.72 0.00	29.37 -0.56 0.00	32.05 -0.54 0.00	48.41 -0.76 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.79 1.62 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.50 2.11 0.00	36.73 2.47 0.00	35.22 2.62 -0.21	33.10 2.60 0.00	27.59 2.28 -1.02	30.54 2.37 -4.03	31.51 2.88 0.00	29.34 2.71 0.00	33.23 3.05 0.00	41.12 3.48 0.00	37.40 3.02 0.00	32.47 2.55 0.00	35.18 2.60 0.00	52.68 3.52 0.00
MUNSVILLE_WIND_PWR 323609	36.36 0.54 -6.65	18.93 0.42 -1.78	14.11 0.23 -2.82	13.94 0.25 -3.13	16.04 0.14 -2.45	4.88 -0.02 -6.27	16.15 0.22 -1.42	25.43 0.45 0.00	25.64 0.53 0.00	30.46 0.79 0.00	32.42 1.03 0.00	35.80 1.36 -0.17	34.33 1.17 -0.79	32.46 1.12 -0.84	25.39 0.81 -0.29	25.38 0.84 -0.40	29.66 1.03 0.00	27.75 1.11 0.00	31.62 1.44 0.00	39.39 1.75 0.00	35.92 1.50 -0.04	31.38 1.46 0.00	34.32 1.73 0.00	51.38 2.22 0.00
N SALMON___HYD 24042	29.15 -0.02 0.00	16.52 -0.21 0.00	10.84 -0.22 0.00	10.31 -0.26 0.00	13.10 -0.34 0.00	-1.32 0.05 0.00	14.02 -0.50 0.00	24.36 -0.62 0.00	24.51 -0.61 0.00	28.95 -0.72 0.00	30.59 -0.80 0.00	33.32 -0.95 0.00	31.31 -1.07 0.00	29.70 -0.81 0.00	23.44 -0.85 0.00	22.18 -1.15 0.81	27.18 -1.45 0.00	25.36 -1.28 0.00	28.84 -1.34 0.00	36.30 -1.34 0.00	33.30 -1.09 0.00	29.13 -0.80 0.00	31.67 -0.92 0.00	47.70 -1.47 0.00
N.AKRON___115KV_KNAPP 355671	24.98 -1.04 3.16	16.92 -0.61 -0.80	11.83 -0.49 -1.26	11.51 -0.45 -1.40	13.86 -0.69 -1.09	1.48 0.05 -2.80	14.59 -0.56 -0.64	23.74 -1.24 0.00	23.95 -1.17 0.00	28.74 -0.93 0.00	30.50 -0.89 0.00	32.58 -0.99 0.70	28.45 -0.96 2.97	21.87 -1.17 7.47	23.05 -1.17 0.07	23.46 -0.87 -0.18	27.77 -0.86 0.00	25.60 -1.04 0.00	29.04 -1.14 0.00	36.39 -1.25 0.00	33.14 -1.25 0.00	28.97 -0.96 0.00	31.68 -0.91 0.00	47.80 -1.37 0.00
N.BELMOR_69_KV_BK1 55787	31.20 2.03 0.00	25.21 1.24 -7.24	22.85 0.80 -10.99	36.01 0.77 -24.67	38.80 0.98 -24.38	38.77 -0.11 -40.23	37.86 1.09 -22.26	26.72 1.74 0.00	32.13 1.96 -5.06	38.60 2.37 -6.55	36.59 2.64 -2.55	37.16 2.89 0.00	35.61 3.02 -0.21	35.19 3.04 -1.66	32.28 2.59 -5.40	48.84 2.67 -22.03	51.87 3.26 -19.98	29.64 3.00 0.00	33.60 3.42 0.00	41.54 3.91 0.00	37.84 3.45 0.00	32.85 2.93 0.00	35.58 3.00 0.00	53.22 4.06 0.00
N.E_GEN_SANDY PD 24062	35.12 1.25 -4.69	24.55 0.76 -7.06	22.85 0.53 -11.26	23.50 0.51 -12.42	23.96 0.64 -9.87	26.34 -0.07 -27.78	24.98 0.69 -9.77	27.01 1.12 -0.92	33.99 1.18 -7.70	31.60 1.36 -0.57	32.37 1.43 0.45	35.95 1.69 0.00	34.36 1.73 -0.25	32.08 1.63 0.06	26.87 1.34 -1.25	27.89 1.36 -2.39	30.19 1.56 0.00	28.06 1.42 0.00	31.83 1.65 0.00	39.52 1.88 0.00	36.10 1.72 0.00	31.36 1.43 0.00	36.77 1.59 -2.60	51.13 2.05 0.09
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.57 1.40 0.00	23.37 0.84 -5.80	20.80 0.54 -9.20	21.29 0.52 -10.21	22.07 0.66 -7.97	19.00 -0.07 -20.43	19.88 0.73 -4.63	26.13 1.15 0.00	26.44 1.33 0.00	31.26 1.58 0.00	33.18 1.79 0.00	36.41 2.15 0.00	34.90 2.32 -0.20	32.84 2.33 0.00	27.31 2.05 -0.97	23.62 2.12 2.63	31.20 2.57 0.00	29.06 2.42 0.00	32.93 2.75 0.00	40.77 3.13 0.00	37.13 2.75 0.00	32.22 2.29 0.00	34.90 2.32 0.00	52.31 3.15 0.00
N.QUEENS_27_KV_LOAD 356247	30.96 1.79 0.00	23.88 1.08 -6.06	21.37 0.69 -9.62	21.89 0.66 -10.66	22.62 0.84 -8.34	19.90 -0.09 -21.36	20.30 0.94 -4.85	26.43 1.46 0.00	26.84 1.73 0.00	31.63 1.96 0.00	33.59 2.20 0.00	36.78 2.52 0.00	35.26 2.66 -0.21	33.23 2.72 0.00	27.75 2.43 -1.02	30.68 2.51 -4.03	31.62 2.99 0.00	29.46 2.82 0.00	33.32 3.15 0.00	41.24 3.60 0.00	37.51 3.13 0.00	32.58 2.66 0.00	35.29 2.70 0.00	52.73 3.57 0.00
N.TROY___115KV_TB1 355778	30.50 1.33 0.00	25.45 0.79 -7.93	24.19 0.55 -12.58	25.04 0.53 -13.95	25.02 0.67 -10.90	26.50 -0.07 -27.93	21.57 0.72 -6.33	26.17 1.19 0.00	26.32 1.21 0.00	31.05 1.38 0.00	32.80 1.40 0.00	35.88 1.62 0.00	34.24 1.59 -0.28	31.95 1.44 0.00	26.76 1.14 -1.33	27.51 1.14 -2.23	29.94 1.31 0.00	27.80 1.17 0.00	31.59 1.41 0.00	39.31 1.67 0.00	35.96 1.58 0.00	31.25 1.33 0.00	34.09 1.50 0.00	51.12 1.95 0.00
NARROWS_GT1_1 24228	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT1_2 24229	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT1_3 24230	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT1_4 24231	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT1_5 24232	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00

NARROWS_GT1_6 24233	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT1_7 24234	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT1_8 24235	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT2_1 24236	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT2_2 24237	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT2_3 24238	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT2_4 24239	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT2_5 24240	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT2_6 24241	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT2_7 24242	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NARROWS_GT2_8 24243	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.02 1.85 0.00	25.17 1.10 -7.34	23.42 0.73 -11.64	24.17 0.69 -12.91	24.40 0.87 -10.09	24.40 -0.09 -25.85	21.34 0.97 -5.86	26.59 1.62 0.00	26.68 1.57 0.00	31.35 1.68 0.00	33.07 1.68 0.00	36.06 1.80 0.00	34.35 1.72 -0.26	32.14 1.63 0.00	26.84 1.33 -1.23	27.15 1.36 -1.65	30.17 1.54 0.00	28.02 1.38 0.00	31.83 1.65 0.00	39.66 2.02 0.00	36.28 1.90 0.00	31.51 1.58 0.00	34.32 1.74 0.00	51.47 2.30 0.00
NCHELSEA_115KV_TR2 355582	30.74 1.56 0.00	23.79 0.94 -6.12	21.37 0.61 -9.70	21.91 0.58 -10.76	22.58 0.73 -8.41	20.10 -0.08 -21.55	20.21 0.82 -4.89	26.31 1.33 0.00	26.61 1.49 0.00	31.47 1.80 0.00	33.40 2.01 0.00	36.61 2.35 0.00	35.02 2.43 -0.21	32.95 2.44 0.00	27.43 2.11 -1.02	27.73 2.21 -1.37	31.30 2.68 0.00	29.14 2.50 0.00	33.02 2.84 0.00	40.92 3.28 0.00	37.29 2.90 0.00	32.37 2.44 0.00	35.10 2.52 0.00	52.61 3.44 0.00
NEG CAPITAL___MECHNVIL 23645	30.89 1.72 0.00	25.76 0.99 -8.03	24.48 0.67 -12.74	25.34 0.64 -14.13	25.31 0.82 -11.04	26.85 -0.08 -28.30	21.81 0.89 -6.42	26.48 1.50 0.00	26.68 1.57 0.00	31.51 1.84 0.00	33.29 1.90 0.00	36.43 2.16 0.00	34.75 2.09 -0.28	32.43 1.93 0.00	27.13 1.49 -1.34	27.88 1.51 -2.23	30.40 1.77 0.00	28.23 1.60 0.00	32.14 1.96 0.00	40.05 2.41 0.00	36.67 2.29 0.00	31.85 1.92 0.00	34.70 2.12 0.00	52.11 2.94 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.59 -1.08 1.51	16.75 -0.62 -0.65	11.64 -0.45 -1.03	11.28 -0.42 -1.14	13.74 -0.60 -0.89	0.96 0.05 -2.28	14.47 -0.56 -0.52	23.89 -1.09 0.00	24.11 -1.01 0.00	28.80 -0.87 0.00	30.56 -0.83 0.00	33.32 -0.94 0.00	31.39 -1.01 -0.02	29.35 -1.16 0.00	23.41 -1.00 -0.11	23.45 -0.84 -0.15	27.74 -0.90 0.00	25.70 -0.94 0.00	29.17 -1.01 0.00	36.51 -1.13 0.00	33.27 -1.12 0.00	29.01 -0.92 0.00	31.64 -0.94 0.00	47.80 -1.36 0.00

NEG CENTRAL___DRP 24199	26.56 -0.45 2.16	17.24 -0.19 -0.70	12.01 -0.16 -1.12	11.65 -0.16 -1.24	14.17 -0.24 -0.97	1.13 0.02 -2.48	14.89 -0.18 -0.56	24.62 -0.36 0.00	24.81 -0.30 0.00	29.52 -0.15 0.00	31.32 -0.07 0.00	34.56 -0.10 -0.40	34.08 -0.10 -1.80	34.86 -0.31 -4.67	24.24 -0.31 -0.25	24.06 -0.24 -0.15	28.49 -0.14 0.00	26.45 -0.18 0.00	30.05 -0.13 0.00	37.50 -0.14 0.00	34.29 -0.15 -0.06	29.89 -0.03 0.00	32.53 -0.05 0.00	49.16 0.00 0.00
NEG CENTRAL___INDECK 23768	23.10 -0.42 5.66	17.44 -0.25 -0.96	12.34 -0.25 -1.53	12.04 -0.22 -1.69	14.41 -0.36 -1.32	2.05 0.02 -3.39	15.04 -0.24 -0.77	24.43 -0.55 0.00	24.69 -0.42 0.00	29.49 -0.19 0.00	31.32 -0.07 0.00	38.01 -0.06 -3.81	48.88 -0.19 -16.69	72.93 -0.49 -42.91	25.03 -0.65 -1.39	23.98 -0.38 -0.22	28.50 -0.13 0.00	26.32 -0.31 0.00	29.96 -0.22 0.00	37.70 0.06 0.00	34.55 0.17 0.00	30.14 0.22 0.00	32.92 0.33 0.00	49.54 0.38 0.00
NEG CENTRAL___SENECA 23627	24.43 -0.57 4.17	17.27 -0.25 -0.78	12.08 -0.22 -1.23	11.73 -0.20 -1.37	14.21 -0.30 -1.07	1.40 0.02 -2.74	14.90 -0.23 -0.62	24.52 -0.46 0.00	24.73 -0.38 0.00	29.49 -0.18 0.00	31.28 -0.11 0.00	34.77 -0.14 -0.65	35.12 -0.12 -2.87	37.66 -0.39 -7.55	24.27 -0.38 -0.35	24.04 -0.27 -0.18	28.49 -0.13 0.00	26.45 -0.19 0.00	30.04 -0.14 0.00	37.49 -0.15 0.00	34.29 -0.13 -0.03	29.94 0.01 0.00	32.58 -0.01 0.00	49.09 -0.07 0.00
NEG CENTRAL___STATE_STREET 24147	30.65 -0.14 -1.61	17.45 0.02 -0.70	12.16 -0.01 -1.11	11.79 -0.01 -1.24	14.35 -0.06 -0.97	1.11 0.00 -2.47	15.08 0.00 -0.56	24.96 -0.02 0.00	25.13 0.02 0.00	29.77 0.10 0.00	31.65 0.26 0.00	34.59 0.17 -0.15	33.28 0.22 -0.68	31.36 0.09 -0.76	24.42 0.01 -0.12	24.35 0.06 -0.15	28.78 0.15 0.00	26.67 0.03 0.00	30.37 0.19 0.00	37.87 0.22 0.00	34.59 0.12 -0.08	30.12 0.20 0.00	32.76 0.17 0.00	49.71 0.55 0.00
NEG MILLWOOD___DRP 24198	30.78 1.61 0.00	23.90 0.97 -6.20	21.52 0.63 -9.83	22.07 0.60 -10.90	22.72 0.75 -8.52	20.38 -0.08 -21.83	20.31 0.85 -4.95	26.37 1.39 0.00	26.69 1.57 0.00	31.57 1.89 0.00	33.51 2.12 0.00	36.73 2.47 0.00	35.15 2.55 -0.22	33.10 2.60 0.00	27.57 2.24 -1.04	28.39 2.40 -1.85	31.47 2.84 0.00	29.29 2.66 0.00	33.19 3.02 0.00	41.10 3.46 0.00	37.44 3.05 0.00	32.51 2.58 0.00	35.23 2.64 0.00	52.78 3.61 0.00
NEG NORTH_FLCN_SEA 23793	29.49 0.32 0.00	16.70 -0.03 0.00	10.95 -0.11 0.00	10.40 -0.17 0.00	13.20 -0.25 0.00	-1.32 0.05 0.00	14.01 -0.50 0.00	24.43 -0.55 0.00	24.56 -0.55 0.00	29.03 -0.64 0.00	30.72 -0.67 0.00	33.49 -0.77 0.00	31.43 -0.95 0.00	29.76 -0.75 0.00	23.39 -0.90 0.00	22.56 -1.17 0.41	27.07 -1.56 0.00	25.28 -1.36 0.00	28.86 -1.32 0.00	36.38 -1.26 0.00	33.37 -1.01 0.00	29.22 -0.71 0.00	31.84 -0.75 0.00	47.89 -1.28 0.00
NEG NORTH_KES_CHATEGAY 23792	29.11 -0.06 0.00	16.49 -0.24 0.00	10.81 -0.24 0.00	10.28 -0.28 0.00	13.05 -0.40 0.00	-1.31 0.06 0.00	13.93 -0.58 0.00	24.22 -0.76 0.00	24.35 -0.77 0.00	28.76 -0.92 0.00	30.37 -1.02 0.00	33.09 -1.18 0.00	31.06 -1.32 0.00	29.49 -1.01 0.00	23.23 -1.06 0.00	22.31 -1.31 0.52	26.93 -1.69 0.00	25.16 -1.48 0.00	28.62 -1.56 0.00	36.07 -1.57 0.00	33.07 -1.31 0.00	28.95 -0.98 0.00	31.53 -1.05 0.00	47.50 -1.67 0.00
NEG NORTH___ALICE_FALLS 23915	29.47 0.29 0.00	16.69 -0.05 0.00	10.94 -0.12 0.00	10.38 -0.18 0.00	13.18 -0.27 0.00	-1.32 0.05 0.00	14.01 -0.50 0.00	24.42 -0.56 0.00	24.56 -0.56 0.00	29.03 -0.64 0.00	30.72 -0.67 0.00	33.50 -0.76 0.00	31.43 -0.95 0.00	29.79 -0.72 0.00	23.42 -0.87 0.00	22.59 -1.13 0.43	27.13 -1.51 0.00	25.32 -1.32 0.00	28.90 -1.28 0.00	36.43 -1.21 0.00	33.41 -0.97 0.00	29.25 -0.67 0.00	31.86 -0.73 0.00	47.92 -1.25 0.00
NEG NORTH___LWR_SARANAC 23913	29.47 0.29 0.00	16.69 -0.05 0.00	10.94 -0.12 0.00	10.38 -0.18 0.00	13.18 -0.27 0.00	-1.32 0.05 0.00	14.01 -0.50 0.00	24.42 -0.56 0.00	24.56 -0.56 0.00	29.03 -0.64 0.00	30.72 -0.67 0.00	33.50 -0.76 0.00	31.43 -0.95 0.00	29.79 -0.72 0.00	23.42 -0.87 0.00	22.59 -1.13 0.43	27.13 -1.51 0.00	25.32 -1.32 0.00	28.90 -1.28 0.00	36.43 -1.21 0.00	33.41 -0.97 0.00	29.25 -0.67 0.00	31.86 -0.73 0.00	47.92 -1.25 0.00
NEG NORTH___PLATTSBURG 23628	29.47 0.29 0.00	16.69 -0.05 0.00	10.94 -0.12 0.00	10.38 -0.18 0.00	13.18 -0.27 0.00	-1.32 0.05 0.00	14.01 -0.50 0.00	24.42 -0.56 0.00	24.56 -0.56 0.00	29.03 -0.64 0.00	30.72 -0.67 0.00	33.50 -0.77 0.00	31.43 -0.95 0.00	29.78 -0.72 0.00	23.42 -0.87 0.00	22.58 -1.13 0.43	27.12 -1.51 0.00	25.32 -1.32 0.00	28.90 -1.28 0.00	36.43 -1.21 0.00	33.41 -0.97 0.00	29.25 -0.67 0.00	31.86 -0.73 0.00	47.92 -1.25 0.00
NEG WEST_LEA_LOCKPORT 23791	24.23 -1.59 3.35	16.64 -0.92 -0.82	11.67 -0.69 -1.30	11.37 -0.63 -1.44	13.65 -0.92 -1.13	1.59 0.07 -2.89	14.35 -0.82 -0.65	23.26 -1.72 0.00	23.41 -1.70 0.00	28.13 -1.54 0.00	29.81 -1.58 0.00	31.68 -1.75 0.84	27.09 -1.70 3.60	19.57 -1.87 9.07	22.46 -1.72 0.11	22.91 -1.43 -0.19	27.12 -1.51 0.00	24.97 -1.66 0.00	28.35 -1.83 0.00	35.54 -2.10 0.00	32.33 -2.05 0.00	28.28 -1.65 0.00	30.95 -1.64 0.00	46.72 -2.45 0.00
NEG WEST___LANCASTR 23811	23.39 -1.43 4.35	16.99 -0.71 -0.96	12.02 -0.57 -1.53	11.74 -0.52 -1.70	14.02 -0.76 -1.32	2.09 0.06 -3.40	14.61 -0.68 -0.77	23.64 -1.33 0.00	23.83 -1.28 0.00	28.62 -1.05 0.00	30.38 -1.01 0.00	32.33 -1.06 0.87	27.64 -1.02 3.72	19.98 -1.19 9.33	22.92 -1.28 0.09	23.34 -1.03 -0.23	27.65 -0.98 0.00	25.52 -1.12 0.00	29.03 -1.15 0.00	36.36 -1.28 0.00	33.07 -1.31 0.00	28.86 -1.07 0.00	31.55 -1.04 0.00	47.67 -1.49 0.00
NEG_PENN_ALLEGHNY 23528	27.69 -0.16 1.32	18.63 0.04 -1.85	13.98 -0.01 -2.94	13.80 -0.01 -3.25	15.94 -0.05 -2.54	5.16 0.00 -6.52	15.97 -0.02 -1.48	24.91 -0.06 0.00	25.11 -0.01 0.00	29.84 0.17 0.00	31.64 0.25 0.00	34.62 0.36 0.00	32.75 0.31 -0.06	30.73 0.23 0.00	24.75 0.15 -0.31	24.78 0.23 -0.41	28.99 0.36 0.00	26.93 0.30 0.00	30.59 0.41 0.00	38.04 0.40 0.00	34.73 0.31 -0.04	30.17 0.25 0.00	32.87 0.28 0.00	49.66 0.49 0.00
NEG___GEN_MONROE 24207	26.38 -0.57 2.22	17.07 -0.34 -0.67	11.86 -0.27 -1.07	11.50 -0.25 -1.19	13.98 -0.40 -0.93	1.04 0.02 -2.37	14.74 -0.30 -0.54	24.28 -0.70 0.00	24.50 -0.62 0.00	29.29 -0.38 0.00	31.12 -0.27 0.00	33.95 -0.31 0.00	31.98 -0.42 -0.02	29.85 -0.65 0.00	23.77 -0.64 -0.12	23.88 -0.42 -0.16	28.27 -0.36 0.00	26.14 -0.50 0.00	29.69 -0.49 0.00	37.16 -0.48 0.00	33.88 -0.51 0.00	29.57 -0.35 0.00	32.27 -0.32 0.00	48.71 -0.45 0.00
NEPA___ENERGY 23901	23.08 -1.75 4.35	17.10 -0.61 -0.97	12.08 -0.51 -1.54	11.80 -0.47 -1.70	14.09 -0.69 -1.33	2.11 0.06 -3.41	14.67 -0.62 -0.77	23.80 -1.18 0.00	23.95 -1.17 0.00	28.80 -0.87 0.00	30.56 -0.83 0.00	32.44 -0.86 0.97	27.42 -0.84 4.12	19.15 -1.00 10.35	23.15 -1.03 0.12	23.57 -0.80 -0.23	27.97 -0.66 0.00	25.85 -0.78 0.00	29.47 -0.71 0.00	36.82 -0.82 0.00	33.49 -0.90 0.00	29.14 -0.78 0.00	31.83 -0.76 0.00	48.23 -0.94 0.00

NEVERSINK___HYD 23608	29.88 0.70 0.00	22.53 0.42 -5.37	19.84 0.26 -8.52	20.26 0.25 -9.45	21.14 0.31 -7.38	17.52 -0.04 -18.93	19.16 0.36 -4.29	25.55 0.57 0.00	25.84 0.73 0.00	30.61 0.94 0.00	32.50 1.11 0.00	35.60 1.34 0.00	33.79 1.22 -0.19	31.04 0.53 0.00	25.84 0.65 -0.90	25.53 0.75 -0.63	29.61 0.98 0.00	27.58 0.94 0.00	31.26 1.08 0.00	38.74 1.10 0.00	35.42 1.04 0.00	31.54 1.62 0.00	34.19 1.61 0.00	51.29 2.12 0.00
NEWKRMKL_115KV_TB1 55635	30.30 1.13 0.00	25.29 0.70 -7.86	24.00 0.47 -12.47	24.85 0.46 -13.83	24.83 0.58 -10.81	26.26 -0.06 -27.69	21.42 0.64 -6.28	25.96 0.98 0.00	25.98 0.87 0.00	30.48 0.81 0.00	32.23 0.84 0.00	35.26 1.00 0.00	33.69 1.03 -0.28	31.48 0.98 0.00	26.46 0.86 -1.32	27.18 0.84 -2.20	29.56 0.93 0.00	27.49 0.85 0.00	31.18 1.00 0.00	38.75 1.11 0.00	35.42 1.04 0.00	30.79 0.86 0.00	33.52 0.93 0.00	50.29 1.13 0.00
NEWTON___FALLS_HYD 23847	28.54 -0.63 0.00	16.38 -0.49 -0.14	10.83 -0.45 -0.22	10.40 -0.40 -0.24	13.24 -0.39 -0.19	-0.85 0.03 -0.48	14.06 -0.56 -0.11	24.07 -0.91 0.00	24.28 -0.84 0.00	28.72 -0.95 0.00	30.35 -1.04 0.00	33.02 -1.24 0.00	31.02 -1.36 0.00	29.27 -1.24 0.00	23.27 -1.04 -0.02	19.92 -1.32 2.90	27.11 -1.52 0.00	25.30 -1.33 0.00	28.77 -1.41 0.00	35.94 -1.70 0.00	33.15 -1.27 -0.03	28.84 -1.08 0.00	31.29 -1.29 0.00	47.11 -2.06 0.00
NGRID_A1_DSASP 323792	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.05 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.04 0.00	23.08 -2.04 0.00	27.74 -1.92 0.00	29.47 -1.92 0.00	31.24 -2.17 0.85	26.55 -2.19 3.65	18.94 -2.37 9.19	22.10 -2.08 0.11	22.57 -1.76 -0.19	26.60 -2.03 0.00	24.41 -2.22 0.00	27.70 -2.48 0.00	34.81 -2.83 0.00	31.66 -2.73 0.00	27.67 -2.25 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
NGRID_A2_DSASP 323793	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.05 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.04 0.00	23.08 -2.04 0.00	27.74 -1.92 0.00	29.47 -1.92 0.00	31.24 -2.17 0.85	26.55 -2.19 3.65	18.94 -2.37 9.19	22.10 -2.08 0.11	22.57 -1.76 -0.19	26.60 -2.03 0.00	24.41 -2.22 0.00	27.70 -2.48 0.00	34.81 -2.83 0.00	31.66 -2.73 0.00	27.67 -2.25 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
NGRID_A4_DSASP 323807	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.05 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.04 0.00	23.08 -2.04 0.00	27.74 -1.92 0.00	29.47 -1.92 0.00	31.24 -2.17 0.85	26.55 -2.19 3.65	18.94 -2.37 9.19	22.10 -2.08 0.11	22.57 -1.76 -0.19	26.60 -2.03 0.00	24.41 -2.22 0.00	27.70 -2.48 0.00	34.81 -2.83 0.00	31.66 -2.73 0.00	27.67 -2.25 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
NIAGARA_115E_LBMP 323715	23.67 -2.00 3.50	16.40 -1.18 -0.84	11.53 -0.86 -1.33	11.24 -0.81 -1.48	13.48 -1.12 -1.16	1.69 0.09 -2.96	14.15 -1.03 -0.67	22.86 -2.12 0.00	23.00 -2.12 0.00	27.64 -2.03 0.00	29.19 -2.20 0.00	30.97 -2.43 0.86	26.47 -2.22 3.68	18.95 -2.27 9.29	22.05 -2.13 0.11	22.51 -1.83 -0.20	26.60 -2.03 0.00	24.50 -2.13 0.00	27.72 -2.45 0.00	34.73 -2.91 0.00	31.59 -2.79 0.00	27.61 -2.31 0.00	30.27 -2.32 0.00	45.74 -3.43 0.00
NIAGARA_115W_LBMP 323714	23.74 -2.00 3.44	16.43 -1.14 -0.83	11.58 -0.80 -1.32	11.29 -0.74 -1.47	13.53 -1.07 -1.15	1.65 0.08 -2.94	14.19 -0.99 -0.67	22.90 -2.08 0.00	23.04 -2.08 0.00	27.70 -1.97 0.00	29.42 -1.97 0.00	31.19 -2.22 0.85	26.51 -2.25 3.63	18.95 -2.41 9.14	22.06 -2.12 0.11	22.53 -1.81 -0.19	26.55 -2.08 0.00	24.36 -2.27 0.00	27.64 -2.54 0.00	34.73 -2.91 0.00	31.58 -2.80 0.00	27.61 -2.32 0.00	30.26 -2.33 0.00	45.73 -3.43 0.00
NIAGARA_230_LBMP 323716	23.90 -1.93 3.34	16.46 -1.09 -0.82	11.59 -0.77 -1.30	11.30 -0.71 -1.45	13.55 -1.02 -1.13	1.61 0.08 -2.90	14.22 -0.95 -0.66	22.99 -1.99 0.00	23.14 -1.98 0.00	27.81 -1.86 0.00	29.51 -1.88 0.00	31.34 -2.12 0.81	26.80 -2.13 3.45	19.51 -2.30 8.70	22.17 -2.03 0.10	22.61 -1.72 -0.19	26.73 -1.90 0.00	24.60 -2.03 0.00	27.92 -2.26 0.00	35.06 -2.58 0.00	31.88 -2.50 0.00	27.85 -2.07 0.00	30.52 -2.07 0.00	46.11 -3.05 0.00
NIAGARA___115KV_198_GIBSON 55903	23.74 -2.00 3.44	16.43 -1.13 -0.83	11.58 -0.81 -1.32	11.29 -0.74 -1.47	13.53 -1.06 -1.15	1.66 0.08 -2.94	14.19 -0.99 -0.67	22.90 -2.08 0.00	23.04 -2.08 0.00	27.69 -1.99 0.00	29.41 -1.98 0.00	31.19 -2.23 0.85	26.49 -2.27 3.63	18.90 -2.46 9.14	22.05 -2.13 0.11	22.51 -1.83 -0.19	26.55 -2.08 0.00	24.36 -2.28 0.00	27.66 -2.52 0.00	34.73 -2.91 0.00	31.58 -2.80 0.00	27.63 -2.30 0.00	30.27 -2.32 0.00	45.73 -3.43 0.00
NIAGARA____ 23760	23.86 -1.93 3.38	16.48 -1.09 -0.84	11.61 -0.77 -1.33	11.32 -0.71 -1.47	13.57 -1.02 -1.15	1.67 0.08 -2.96	14.23 -0.95 -0.67	22.99 -1.99 0.00	23.14 -1.98 0.00	27.81 -1.86 0.00	29.51 -1.88 0.00	31.33 -2.12 0.82	26.76 -2.13 3.49	19.40 -2.30 8.80	22.16 -2.03 0.10	22.61 -1.72 -0.19	26.73 -1.90 0.00	24.60 -2.03 0.00	27.92 -2.26 0.00	35.06 -2.58 0.00	31.88 -2.50 0.00	27.85 -2.07 0.00	30.52 -2.07 0.00	46.11 -3.05 0.00
NINE_MILE_1 23575	28.39 -0.78 0.00	16.63 -0.43 -0.34	11.29 -0.30 -0.53	10.88 -0.28 -0.59	13.53 -0.37 -0.46	-0.15 0.04 -1.18	14.40 -0.39 -0.27	24.28 -0.70 0.00	24.44 -0.67 0.00	28.96 -0.71 0.00	30.65 -0.74 0.00	33.42 -0.85 0.00	31.55 -0.84 -0.01	29.60 -0.91 0.00	23.58 -0.77 -0.06	23.46 -0.76 -0.08	27.73 -0.90 0.00	25.78 -0.85 0.00	29.23 -0.95 0.00	36.45 -1.19 0.00	32.73 -1.10 0.56	28.99 -0.94 0.00	31.63 -0.95 0.00	48.06 -1.10 0.00
NINE_MILE_2 23744	28.39 -0.78 0.00	16.63 -0.43 -0.34	11.29 -0.30 -0.53	10.88 -0.28 -0.59	13.53 -0.37 -0.46	-0.15 0.04 -1.18	14.40 -0.38 -0.27	24.28 -0.69 0.00	24.45 -0.67 0.00	28.96 -0.71 0.00	30.66 -0.73 0.00	33.42 -0.85 0.00	31.55 -0.84 -0.01	29.60 -0.91 0.00	23.58 -0.77 -0.06	23.46 -0.76 -0.08	27.73 -0.89 0.00	25.78 -0.85 0.00	29.23 -0.95 0.00	36.45 -1.19 0.00	32.72 -1.10 0.56	28.99 -0.94 0.00	31.63 -0.95 0.00	48.07 -1.10 0.00
NM_CAPITAL___DRP 24208	30.31 1.14 0.00	25.27 0.69 -7.84	23.97 0.48 -12.43	24.81 0.46 -13.78	24.80 0.59 -10.77	26.18 -0.06 -27.60	21.41 0.64 -6.26	25.98 1.00 0.00	26.02 0.91 0.00	30.57 0.89 0.00	32.31 0.93 0.00	35.36 1.09 0.00	33.77 1.12 -0.27	31.55 1.04 0.00	26.49 0.89 -1.31	27.23 0.88 -2.20	29.60 0.97 0.00	27.52 0.88 0.00	31.22 1.04 0.00	38.81 1.17 0.00	35.47 1.08 0.00	30.83 0.90 0.00	33.57 0.99 0.00	50.36 1.20 0.00
NM_CENTRAL___DRP 24181	28.87 -0.30 0.00	17.06 -0.14 -0.47	11.69 -0.12 -0.75	11.28 -0.11 -0.83	13.94 -0.16 -0.65	0.30 0.01 -1.66	14.75 -0.14 -0.38	24.69 -0.29 0.00	24.88 -0.23 0.00	29.52 -0.15 0.00	31.27 -0.12 0.00	34.13 -0.14 0.00	32.23 -0.17 -0.02	30.23 -0.28 0.00	24.11 -0.26 -0.08	24.01 -0.23 -0.10	28.39 -0.24 0.00	26.40 -0.24 0.00	29.94 -0.23 0.00	37.32 -0.32 0.00	34.13 -0.30 -0.05	29.68 -0.24 0.00	32.36 -0.23 0.00	49.07 -0.09 0.00

NM_FRONTIER___DRP 24179	23.74 -2.00 3.44	16.43 -1.13 -0.83	11.58 -0.81 -1.32	11.29 -0.74 -1.47	13.53 -1.06 -1.15	1.66 0.08 -2.94	14.19 -0.99 -0.67	22.90 -2.08 0.00	23.04 -2.08 0.00	27.69 -1.99 0.00	29.41 -1.98 0.00	31.19 -2.23 0.85	26.49 -2.27 3.63	18.90 -2.46 9.14	22.05 -2.13 0.11	22.51 -1.83 -0.19	26.55 -2.08 0.00	24.36 -2.28 0.00	27.66 -2.52 0.00	34.73 -2.91 0.00	31.58 -2.80 0.00	27.63 -2.30 0.00	30.27 -2.32 0.00	45.73 -3.43 0.00
NM_ST_REGIS___HYD 24053	28.73 -0.44 0.00	16.33 -0.40 0.00	10.73 -0.32 0.00	10.24 -0.33 0.00	13.06 -0.39 0.00	-1.32 0.04 0.00	14.02 -0.50 0.00	24.29 -0.69 0.00	24.41 -0.70 0.00	28.80 -0.87 0.00	30.40 -0.99 0.00	33.06 -1.21 0.00	31.09 -1.29 0.00	29.47 -1.04 0.00	23.34 -0.95 0.00	21.32 -1.32 1.50	27.03 -1.60 0.00	25.21 -1.42 0.00	28.62 -1.56 0.00	35.93 -1.71 0.00	32.98 -1.41 -0.01	28.80 -1.12 0.00	31.30 -1.29 0.00	47.11 -2.05 0.00
NORTHPORT___1 23551	30.94 1.76 0.00	25.12 1.14 -7.24	22.81 0.76 -10.99	35.99 0.75 -24.68	38.76 0.94 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.55 1.57 0.00	31.95 1.77 -5.06	38.26 2.03 -6.55	36.16 2.22 -2.55	36.52 2.26 0.00	35.02 2.43 -0.21	34.69 2.52 -1.66	31.98 2.28 -5.40	48.54 2.37 -22.03	51.42 2.81 -19.99	29.17 2.53 0.00	33.11 2.93 0.00	40.88 3.24 0.00	37.12 2.74 0.00	32.25 2.33 0.00	34.89 2.30 0.00	52.18 3.01 0.00
NORTHPORT___2 23552	30.94 1.76 0.00	25.12 1.14 -7.24	22.81 0.76 -10.99	35.99 0.75 -24.68	38.76 0.94 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.55 1.57 0.00	31.95 1.77 -5.06	38.26 2.03 -6.55	36.16 2.22 -2.55	36.52 2.26 0.00	35.02 2.43 -0.21	34.69 2.52 -1.66	31.98 2.28 -5.40	48.54 2.37 -22.03	51.42 2.81 -19.99	29.17 2.53 0.00	33.11 2.93 0.00	40.88 3.24 0.00	37.12 2.74 0.00	32.25 2.33 0.00	34.89 2.30 0.00	52.18 3.01 0.00
NORTHPORT___3 23553	30.96 1.79 0.00	25.12 1.15 -7.24	22.82 0.77 -10.99	35.99 0.74 -24.68	38.77 0.94 -24.38	38.77 -0.10 -40.23	37.81 1.04 -22.26	26.60 1.62 0.00	31.97 1.79 -5.06	38.26 2.03 -6.55	36.12 2.17 -2.55	36.50 2.23 0.00	35.00 2.40 -0.21	34.64 2.48 -1.66	31.96 2.26 -5.40	48.51 2.34 -22.03	51.37 2.76 -19.99	29.15 2.52 0.00	33.09 2.91 0.00	40.85 3.21 0.00	37.11 2.73 0.00	32.23 2.31 0.00	34.89 2.30 0.00	52.20 3.03 0.00
NORTHPORT___4 23650	30.96 1.79 0.00	25.12 1.15 -7.24	22.82 0.77 -10.99	35.99 0.74 -24.68	38.77 0.94 -24.38	38.77 -0.10 -40.23	37.81 1.04 -22.26	26.60 1.62 0.00	31.97 1.79 -5.06	38.26 2.03 -6.55	36.12 2.17 -2.55	36.50 2.23 0.00	35.00 2.40 -0.21	34.64 2.48 -1.66	31.96 2.26 -5.40	48.51 2.34 -22.03	51.37 2.76 -19.99	29.15 2.52 0.00	33.09 2.91 0.00	40.85 3.21 0.00	37.11 2.73 0.00	32.23 2.31 0.00	34.89 2.30 0.00	52.20 3.03 0.00
NORTHPORT___IC 23718	30.94 1.77 0.00	25.12 1.14 -7.24	22.81 0.76 -10.99	35.99 0.75 -24.67	38.76 0.94 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.55 1.57 0.00	31.95 1.77 -5.06	38.26 2.04 -6.55	36.16 2.22 -2.55	36.53 2.26 0.00	35.04 2.44 -0.21	34.69 2.53 -1.66	31.98 2.29 -5.40	48.54 2.37 -22.03	51.42 2.81 -19.98	29.17 2.53 0.00	33.11 2.93 0.00	40.88 3.24 0.00	37.13 2.74 0.00	32.25 2.32 0.00	34.89 2.30 0.00	52.18 3.01 0.00
NORTH___COUNTRY_ESR 323785	29.03 -0.14 0.00	16.45 -0.28 0.00	10.79 -0.27 0.00	10.25 -0.31 0.00	13.02 -0.43 0.00	-1.31 0.06 0.00	13.88 -0.63 0.00	24.14 -0.84 0.00	24.26 -0.86 0.00	28.64 -1.03 0.00	30.27 -1.12 0.00	32.97 -1.30 0.00	30.96 -1.42 0.00	29.39 -1.12 0.00	23.15 -1.15 0.00	22.22 -1.40 0.52	26.84 -1.79 0.00	25.06 -1.58 0.00	28.51 -1.67 0.00	35.91 -1.73 0.00	32.92 -1.47 0.00	28.82 -1.10 0.00	31.40 -1.19 0.00	47.32 -1.85 0.00
NPX_GEN_1385_PROXY 323591	30.26 1.08 0.00	24.75 0.77 -7.24	22.57 0.52 -10.99	35.85 0.61 -24.68	38.59 0.77 -24.38	38.79 -0.08 -40.23	36.14 0.74 -20.88	20.68 0.86 5.17	28.24 1.06 -2.07	37.44 1.22 -6.55	35.42 1.48 -2.55	35.63 1.36 0.00	34.13 1.54 -0.21	16.59 1.64 15.56	31.29 1.60 -5.40	47.88 1.70 -22.03	50.59 1.97 -19.99	-61.16 1.76 89.56	32.27 2.09 0.00	39.79 2.15 0.00	16.80 1.76 19.34	31.59 1.67 0.00	34.05 1.46 0.00	51.03 1.86 0.00
NPX_GEN_CSC 323557	31.16 1.99 0.00	25.24 1.27 -7.24	22.94 0.89 -10.99	36.12 0.87 -24.68	38.93 1.10 -24.38	38.75 -0.12 -40.23	36.61 1.22 -20.88	26.79 1.81 0.00	32.09 1.92 -5.06	38.52 2.30 -6.55	36.49 2.54 -2.55	36.94 2.68 0.00	35.44 2.85 -0.21	35.10 2.93 -1.66	32.32 2.63 -5.40	48.86 2.69 -22.03	51.86 3.24 -19.99	29.57 2.93 0.00	33.60 3.42 0.00	41.46 3.82 0.00	37.60 3.21 0.00	32.60 2.68 0.00	35.24 2.66 0.00	52.59 3.42 0.00
NSINS_S_GLNS_FALLS 23858	31.42 2.25 0.00	26.09 1.26 -8.09	24.74 0.84 -12.84	25.62 0.82 -14.24	25.60 1.03 -11.12	27.04 -0.11 -28.51	22.09 1.11 -6.46	26.98 2.00 0.00	27.20 2.08 0.00	32.19 2.52 0.00	33.92 2.53 0.00	37.14 2.87 0.00	35.29 2.62 -0.28	32.83 2.33 0.00	27.37 1.72 -1.35	28.08 1.71 -2.23	30.67 2.04 0.00	28.50 1.86 0.00	32.59 2.41 0.00	40.69 3.05 0.00	37.41 3.03 0.00	32.52 2.60 0.00	35.48 2.89 0.00	53.22 4.06 0.00
NUCOR_STEEL___DRP 24197	30.77 -0.14 -1.73	17.43 0.02 -0.67	12.12 -0.01 -1.07	11.75 0.00 -1.18	14.31 -0.06 -0.93	1.01 0.00 -2.37	15.06 0.01 -0.54	24.98 0.00 0.00	25.14 0.02 0.00	29.77 0.09 0.00	31.65 0.26 0.00	34.43 0.16 0.00	32.62 0.22 -0.02	30.60 0.10 0.00	24.42 0.02 -0.11	24.35 0.06 -0.15	28.77 0.14 0.00	26.66 0.02 0.00	30.36 0.18 0.00	37.86 0.21 0.00	34.57 0.10 -0.09	30.10 0.17 0.00	32.73 0.14 0.00	49.71 0.55 0.00
NUMBER_THREE_WT_PWR 323818	28.74 -0.43 0.00	16.54 -0.38 -0.19	10.89 -0.46 -0.30	10.53 -0.37 -0.33	13.47 -0.23 -0.26	-0.70 0.01 -0.66	14.16 -0.50 -0.15	24.09 -0.89 0.00	24.37 -0.74 0.00	28.91 -0.76 0.00	30.53 -0.86 0.00	33.25 -1.02 0.00	31.21 -1.18 -0.01	29.33 -1.18 0.00	23.36 -0.96 -0.03	17.85 -1.09 5.21	27.40 -1.23 0.00	25.60 -1.04 0.00	29.18 -1.00 0.00	36.29 -1.35 0.00	33.66 -0.76 -0.04	29.19 -0.74 0.00	31.61 -0.98 0.00	47.57 -1.60 0.00
NYISO_LBMP_REFERENCE 24008	29.17 0.00 0.00	16.73 0.00 0.00	11.06 0.00 0.00	10.56 0.00 0.00	13.45 0.00 0.00	-1.36 0.00 0.00	14.51 0.00 0.00	24.98 0.00 0.00	25.11 0.00 0.00	29.67 0.00 0.00	31.39 0.00 0.00	34.27 0.00 0.00	32.38 0.00 0.00	30.50 0.00 0.00	24.29 0.00 0.00	24.14 0.00 0.00	28.63 0.00 0.00	26.64 0.00 0.00	30.18 0.00 0.00	37.64 0.00 0.00	34.38 0.00 0.00	29.92 0.00 0.00	32.59 0.00 0.00	49.17 0.00 0.00
NYPA_BRENTWD____GT 24164	31.36 2.19 0.00	25.35 1.37 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.93 1.10 -24.38	38.75 -0.12 -40.23	37.98 1.22 -22.26	26.89 1.91 0.00	32.29 2.11 -5.06	38.64 2.42 -6.55	36.68 2.73 -2.55	37.16 2.89 0.00	35.61 3.02 -0.21	35.28 3.12 -1.66	32.45 2.75 -5.40	48.99 2.81 -22.03	52.02 3.41 -19.99	29.72 3.09 0.00	33.76 3.58 0.00	41.68 4.04 0.00	37.85 3.46 0.00	32.85 2.93 0.00	35.55 2.97 0.00	53.12 3.95 0.00

NYPA_GOWANUS____GT5 24156	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.34 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NYPA_GOWANUS____GT6 24157	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.68 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.55 0.00	26.88 1.76 0.00	31.75 2.08 0.00	33.70 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.34 2.84 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.46 3.27 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.71 2.77 -0.01	35.42 2.82 -0.01	52.97 3.80 0.00
NYPA_HARLEM__RVR__GT1 24160	30.91 1.73 0.00	23.85 1.05 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.39 1.41 0.00	26.78 1.67 0.00	31.56 1.89 0.00	33.51 2.12 0.00	36.70 2.44 0.00	35.18 2.59 -0.21	33.14 2.64 0.00	27.67 2.35 -1.02	30.60 2.43 -4.03	31.53 2.90 0.00	29.38 2.74 0.00	33.24 3.06 0.00	41.14 3.50 0.00	37.43 3.04 0.00	32.52 2.59 0.00	35.21 2.62 0.00	52.63 3.47 0.00
NYPA_HARLEM__RVR__GT2 24161	30.91 1.73 0.00	23.85 1.05 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.39 1.41 0.00	26.78 1.67 0.00	31.56 1.89 0.00	33.51 2.12 0.00	36.70 2.44 0.00	35.18 2.59 -0.21	33.14 2.64 0.00	27.67 2.35 -1.02	30.60 2.43 -4.03	31.53 2.90 0.00	29.38 2.74 0.00	33.24 3.06 0.00	41.14 3.50 0.00	37.43 3.04 0.00	32.52 2.59 0.00	35.21 2.62 0.00	52.63 3.47 0.00
NYPA_KENT____GT 24152	30.95 1.78 0.00	23.88 1.08 -6.06	21.38 0.70 -9.62	21.90 0.67 -10.66	22.63 0.84 -8.34	19.90 -0.09 -21.36	20.32 0.95 -4.85	26.49 1.51 0.00	26.84 1.73 0.00	31.70 2.03 0.00	33.65 2.26 0.00	36.89 2.62 0.00	35.38 2.79 -0.21	33.28 2.78 0.00	27.77 2.45 -1.02	30.70 2.53 -4.03	31.69 3.06 0.00	29.50 2.86 0.00	33.42 3.23 0.00	41.33 3.69 0.00	37.60 3.21 0.00	32.66 2.73 0.00	35.36 2.77 0.00	52.90 3.74 0.00
NYPA_POUCH1____GT 24155	30.97 1.79 0.00	23.89 1.09 -6.06	21.38 0.70 -9.62	21.90 0.67 -10.66	22.63 0.84 -8.34	19.90 -0.09 -21.36	20.31 0.95 -4.85	26.48 1.50 0.00	26.83 1.72 0.00	31.68 2.01 0.00	33.63 2.24 0.00	36.86 2.60 0.00	35.33 2.74 -0.21	33.27 2.77 0.00	27.78 2.47 -1.02	30.70 2.54 -4.03	31.70 3.07 0.00	29.48 2.85 0.00	33.37 3.18 -0.01	41.28 3.64 -0.01	37.55 3.16 -0.01	32.63 2.70 -0.01	35.33 2.74 -0.01	52.80 3.63 0.00
NYPA_VERNON____GT2 24162	30.90 1.72 0.00	23.84 1.05 -6.06	21.36 0.68 -9.62	21.88 0.65 -10.66	22.60 0.82 -8.34	19.90 -0.09 -21.36	20.29 0.93 -4.85	26.44 1.46 0.00	26.80 1.69 0.00	31.65 1.98 0.00	33.61 2.22 0.00	36.84 2.58 0.00	35.32 2.73 -0.21	33.21 2.70 0.00	27.71 2.39 -1.02	30.64 2.47 -4.03	31.63 3.00 0.00	29.45 2.81 0.00	33.36 3.18 0.00	41.27 3.63 0.00	37.53 3.15 0.00	32.62 2.69 0.00	35.31 2.72 0.00	52.85 3.68 0.00
NYPA_VERNON____GT3 24163	30.90 1.72 0.00	23.84 1.05 -6.06	21.36 0.68 -9.62	21.88 0.65 -10.66	22.60 0.82 -8.34	19.90 -0.09 -21.36	20.29 0.93 -4.85	26.44 1.46 0.00	26.80 1.69 0.00	31.65 1.98 0.00	33.61 2.22 0.00	36.84 2.58 0.00	35.32 2.73 -0.21	33.21 2.70 0.00	27.71 2.39 -1.02	30.64 2.47 -4.03	31.63 3.00 0.00	29.45 2.81 0.00	33.36 3.18 0.00	41.27 3.63 0.00	37.53 3.15 0.00	32.62 2.69 0.00	35.31 2.72 0.00	52.85 3.68 0.00
NYPA____ASTORIA_CC1 323568	30.85 1.67 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.76 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.17 2.67 0.00	27.68 2.37 -1.02	30.61 2.45 -4.03	31.59 2.96 0.00	29.42 2.78 0.00	33.30 3.12 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.56 2.64 0.00	35.25 2.66 0.00	52.75 3.58 0.00
NYPA____ASTORIA_CC2 323569	30.85 1.67 0.00	23.82 1.02 -6.06	21.35 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.76 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.77 2.51 0.00	35.26 2.67 -0.21	33.17 2.67 0.00	27.68 2.37 -1.02	30.61 2.45 -4.03	31.59 2.96 0.00	29.42 2.78 0.00	33.30 3.12 0.00	41.19 3.55 0.00	37.47 3.08 0.00	32.56 2.64 0.00	35.25 2.66 0.00	52.75 3.58 0.00
NYPA____HOLTSVILL 23794	31.27 2.09 0.00	25.29 1.32 -7.24	22.93 0.88 -10.99	36.10 0.86 -24.68	38.91 1.08 -24.38	38.76 -0.12 -40.23	37.96 1.19 -22.26	26.83 1.85 0.00	32.21 2.03 -5.06	38.63 2.41 -6.55	36.59 2.65 -2.55	37.05 2.79 0.00	35.54 2.95 -0.21	35.17 3.01 -1.66	32.36 2.67 -5.40	48.90 2.73 -22.03	51.89 3.27 -19.99	29.58 2.94 0.00	33.59 3.41 0.00	41.46 3.82 0.00	37.60 3.21 0.00	32.63 2.70 0.00	35.31 2.72 0.00	52.74 3.57 0.00
NYPA____HELLGATE_GT1 24158	30.91 1.73 0.00	23.85 1.05 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.39 1.41 0.00	26.78 1.67 0.00	31.56 1.89 0.00	33.50 2.11 0.00	36.70 2.44 0.00	35.18 2.59 -0.21	33.14 2.64 0.00	27.67 2.35 -1.02	30.60 2.43 -4.03	31.53 2.90 0.00	29.38 2.74 0.00	33.24 3.06 0.00	41.14 3.50 0.00	37.43 3.04 0.00	32.52 2.59 0.00	35.21 2.62 0.00	52.63 3.47 0.00
NYPA____HELLGATE_GT2 24159	30.91 1.73 0.00	23.85 1.05 -6.06	21.35 0.67 -9.62	21.87 0.64 -10.66	22.59 0.81 -8.34	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.39 1.41 0.00	26.78 1.67 0.00	31.56 1.89 0.00	33.50 2.11 0.00	36.70 2.44 0.00	35.18 2.59 -0.21	33.14 2.64 0.00	27.67 2.35 -1.02	30.60 2.43 -4.03	31.53 2.90 0.00	29.38 2.74 0.00	33.24 3.06 0.00	41.14 3.50 0.00	37.43 3.04 0.00	32.52 2.59 0.00	35.21 2.62 0.00	52.63 3.47 0.00
NYS_BARGE____HYD 23848	24.36 -1.52 3.29	16.66 -0.89 -0.81	11.68 -0.67 -1.29	11.37 -0.62 -1.43	13.67 -0.90 -1.12	1.57 0.07 -2.86	14.37 -0.79 -0.65	23.30 -1.68 0.00	23.47 -1.65 0.00	28.21 -1.46 0.00	29.88 -1.51 0.00	31.81 -1.68 0.78	27.47 -1.59 3.32	20.42 -1.72 8.36	22.55 -1.65 0.09	22.99 -1.34 -0.19	27.19 -1.44 0.00	25.05 -1.59 0.00	28.38 -1.80 0.00	35.60 -2.04 0.00	32.39 -1.99 0.00	28.31 -1.62 0.00	31.01 -1.58 0.00	46.82 -2.35 0.00
OAK ORCHARD____HYD 24046	26.26 -0.73 2.17	16.98 -0.42 -0.67	11.80 -0.32 -1.06	11.44 -0.30 -1.18	13.91 -0.45 -0.92	1.02 0.03 -2.36	14.66 -0.38 -0.53	24.16 -0.82 0.00	24.37 -0.75 0.00	29.13 -0.54 0.00	30.94 -0.45 0.00	33.74 -0.53 0.00	31.78 -0.62 -0.02	29.69 -0.82 0.00	23.66 -0.75 -0.11	23.75 -0.55 -0.15	28.08 -0.55 0.00	25.98 -0.66 0.00	29.49 -0.69 0.00	36.93 -0.71 0.00	33.67 -0.72 0.00	29.36 -0.57 0.00	32.05 -0.53 0.00	48.41 -0.76 0.00

OAKDALE___35_KV_LOAD 356122	27.23 -0.22 1.72	18.58 0.01 -1.84	13.95 -0.03 -2.92	13.77 -0.03 -3.24	15.91 -0.07 -2.53	5.12 0.00 -6.48	15.95 -0.03 -1.47	24.88 -0.10 0.00	25.08 -0.03 0.00	29.79 0.12 0.00	31.57 0.18 0.00	34.55 0.28 0.00	32.68 0.24 -0.06	30.67 0.17 0.00	24.70 0.10 -0.30	24.73 0.18 -0.41	28.93 0.30 0.00	26.87 0.23 0.00	30.52 0.34 0.00	37.96 0.32 0.00	34.64 0.22 -0.04	30.09 0.16 0.00	32.79 0.20 0.00	49.54 0.37 0.00
OCC_CHEM___DRP 24175	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.04 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.03 0.00	23.08 -2.04 0.00	27.73 -1.94 0.00	29.46 -1.94 0.00	31.24 -2.17 0.85	26.52 -2.21 3.65	18.89 -2.42 9.19	22.09 -2.09 0.11	22.55 -1.79 -0.19	26.60 -2.03 0.00	24.41 -2.23 0.00	27.73 -2.45 0.00	34.82 -2.83 0.00	31.65 -2.73 0.00	27.69 -2.23 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
OH_GEN_PROXY 24063	23.95 -1.91 3.31	16.49 -1.07 -0.82	11.61 -0.76 -1.31	11.31 -0.70 -1.45	13.57 -1.00 -1.13	1.61 0.08 -2.90	12.86 -0.93 0.72	23.05 -1.93 0.00	23.20 -1.91 0.00	27.89 -1.78 0.00	29.60 -1.79 0.00	31.51 -2.02 0.74	27.22 -2.04 3.12	20.43 -2.22 7.86	10.32 -1.96 12.02	22.68 -1.66 -0.19	26.81 -1.82 0.00	24.69 -1.95 0.00	28.02 -2.16 0.00	35.17 -2.47 0.00	31.99 -2.40 0.00	27.93 -2.00 0.00	30.59 -2.00 0.00	46.22 -2.95 0.00
OLIN_CORP_DRP 24177	23.66 -1.97 3.54	16.43 -1.15 -0.85	11.56 -0.84 -1.34	11.27 -0.79 -1.49	13.50 -1.11 -1.16	1.71 0.09 -2.99	14.18 -1.01 -0.68	22.90 -2.08 0.00	23.03 -2.08 0.00	27.66 -2.01 0.00	29.24 -2.15 0.00	31.03 -2.36 0.88	26.43 -2.20 3.75	18.77 -2.30 9.44	22.08 -2.10 0.11	22.52 -1.82 -0.20	26.64 -1.99 0.00	24.54 -2.09 0.00	27.81 -2.37 0.00	34.82 -2.82 0.00	31.66 -2.72 0.00	27.70 -2.22 0.00	30.33 -2.26 0.00	45.83 -3.34 0.00
OLIN_CORP_DSASP 323712	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.05 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.04 0.00	23.08 -2.04 0.00	27.74 -1.92 0.00	29.47 -1.92 0.00	31.24 -2.17 0.85	26.55 -2.19 3.65	18.94 -2.37 9.19	22.10 -2.08 0.11	22.57 -1.76 -0.19	26.60 -2.03 0.00	24.41 -2.22 0.00	27.70 -2.48 0.00	34.81 -2.83 0.00	31.66 -2.73 0.00	27.67 -2.25 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
ONEIDA_HERK_LFGE 323681	29.36 0.19 0.00	16.95 0.06 -0.16	11.26 -0.05 -0.26	10.83 -0.02 -0.28	13.73 0.07 -0.22	-0.81 -0.01 -0.57	14.62 -0.02 -0.13	24.93 -0.05 0.00	25.15 0.03 0.00	29.78 0.11 0.00	31.54 0.15 0.00	34.43 0.16 0.00	32.46 0.07 -0.01	30.53 0.02 0.00	24.31 0.00 -0.03	25.94 -0.03 -1.83	28.59 -0.04 0.00	26.66 0.02 0.00	30.30 0.11 0.00	37.73 0.09 0.00	34.68 0.28 -0.02	30.12 0.19 0.00	32.71 0.13 0.00	49.26 0.10 0.00
ONEIDA___115KV_TB4 55905	29.65 0.48 0.00	17.34 0.28 -0.32	11.73 0.16 -0.51	11.29 0.16 -0.57	14.10 0.21 -0.44	-0.25 -0.03 -1.13	14.99 0.22 -0.26	25.34 0.36 0.00	25.52 0.40 0.00	30.21 0.54 0.00	32.09 0.70 0.00	35.05 0.79 0.00	33.12 0.73 -0.01	31.14 0.64 0.00	24.82 0.47 -0.05	25.32 0.51 -0.67	29.22 0.59 0.00	27.23 0.59 0.00	30.91 0.74 0.00	38.52 0.88 0.00	35.28 0.87 -0.03	30.68 0.75 0.00	33.38 0.80 0.00	50.32 1.16 0.00
ONONDAGA_REF_OCCRA 23987	28.98 -0.19 0.00	17.16 -0.08 -0.50	11.78 -0.08 -0.80	11.38 -0.07 -0.89	14.03 -0.11 -0.69	0.42 0.01 -1.78	14.82 -0.09 -0.40	24.78 -0.19 0.00	24.98 -0.13 0.00	29.63 -0.04 0.00	31.39 0.00 0.00	34.27 0.00 0.00	32.37 -0.03 -0.02	30.36 -0.15 0.00	24.22 -0.15 -0.08	24.13 -0.12 -0.11	28.52 -0.11 0.00	26.52 -0.12 0.00	30.08 -0.10 0.00	37.50 -0.14 0.00	34.30 -0.15 -0.07	29.81 -0.11 0.00	32.50 -0.08 0.00	49.30 0.13 0.00
ONONDAGA___COGEN 23986	28.97 -0.20 0.00	17.20 -0.07 -0.54	11.85 -0.07 -0.86	11.45 -0.07 -0.96	14.08 -0.11 -0.75	0.56 0.01 -1.91	14.86 -0.09 -0.43	24.79 -0.19 0.00	24.98 -0.13 0.00	29.62 -0.05 0.00	31.39 0.00 0.00	34.26 0.00 0.00	32.37 -0.03 -0.02	30.37 -0.14 0.00	24.23 -0.15 -0.09	24.14 -0.12 -0.12	28.53 -0.10 0.00	26.51 -0.12 0.00	30.09 -0.08 0.00	37.50 -0.14 0.00	34.32 -0.16 -0.10	29.81 -0.11 0.00	32.49 -0.10 0.00	49.30 0.13 0.00
ONTARIO___LFGE 23819	24.43 -0.57 4.17	17.27 -0.25 -0.78	12.08 -0.22 -1.23	11.73 -0.20 -1.37	14.21 -0.30 -1.07	1.40 0.02 -2.74	14.90 -0.24 -0.62	24.52 -0.46 0.00	24.73 -0.38 0.00	29.50 -0.17 0.00	31.29 -0.10 0.00	34.77 -0.14 -0.65	35.13 -0.12 -2.87	37.67 -0.38 -7.55	24.27 -0.38 -0.35	24.05 -0.27 -0.18	28.50 -0.13 0.00	26.45 -0.18 0.00	30.03 -0.15 0.00	37.49 -0.15 0.00	34.29 -0.13 -0.03	29.94 0.01 0.00	32.58 -0.01 0.00	49.09 -0.07 0.00
ORANGEVILLE_WT_PWR 323706	21.94 -1.86 5.38	16.75 -1.01 -1.03	11.93 -0.76 -1.63	11.66 -0.72 -1.81	13.85 -1.01 -1.41	2.35 0.09 -3.62	14.40 -0.94 -0.82	23.18 -1.80 0.00	23.35 -1.76 0.00	27.90 -1.77 0.00	29.63 -1.76 0.00	28.79 -1.86 3.61	14.87 -1.80 15.71	-11.30 -1.90 39.91	21.59 -1.75 0.95	22.87 -1.51 -0.24	27.08 -1.55 0.00	25.03 -1.60 0.00	28.47 -1.70 0.00	35.90 -1.74 0.00	32.71 -1.68 0.00	28.48 -1.45 0.00	31.10 -1.49 0.00	46.94 -2.22 0.00
ORANGEVILLE___ESR 323794	21.94 -1.86 5.38	16.75 -1.01 -1.03	11.93 -0.76 -1.63	11.66 -0.72 -1.81	13.85 -1.01 -1.41	2.35 0.09 -3.62	14.40 -0.94 -0.82	23.18 -1.80 0.00	23.35 -1.76 0.00	27.90 -1.77 0.00	29.63 -1.76 0.00	28.79 -1.86 3.61	14.87 -1.80 15.71	-11.30 -1.90 39.91	21.59 -1.75 0.95	22.87 -1.51 -0.24	27.08 -1.55 0.00	25.03 -1.60 0.00	28.47 -1.70 0.00	35.90 -1.74 0.00	32.71 -1.68 0.00	28.48 -1.45 0.00	31.10 -1.49 0.00	46.94 -2.22 0.00
OSWEGATCHIE___HYD 24044	28.54 -0.63 0.00	16.38 -0.49 -0.14	10.83 -0.45 -0.22	10.41 -0.40 -0.24	13.24 -0.39 -0.19	-0.85 0.03 -0.48	14.06 -0.56 -0.11	24.07 -0.90 0.00	24.28 -0.84 0.00	28.72 -0.95 0.00	30.35 -1.04 0.00	33.03 -1.24 0.00	31.02 -1.36 0.00	29.27 -1.24 0.00	23.27 -1.04 -0.02	19.92 -1.32 2.90	27.11 -1.52 0.00	25.30 -1.33 0.00	28.77 -1.41 0.00	35.94 -1.70 0.00	33.15 -1.27 -0.03	28.85 -1.08 0.00	31.29 -1.29 0.00	47.11 -2.06 0.00
OSWEGO___5 23606	28.55 -0.62 0.00	16.79 -0.33 -0.39	11.45 -0.24 -0.62	11.03 -0.22 -0.69	13.69 -0.29 -0.54	0.04 0.03 -1.38	14.52 -0.30 -0.31	24.43 -0.55 0.00	24.59 -0.52 0.00	29.14 -0.53 0.00	30.85 -0.54 0.00	33.65 -0.62 0.00	31.77 -0.62 -0.01	29.82 -0.69 0.00	23.77 -0.59 -0.07	23.65 -0.57 -0.09	27.96 -0.67 0.00	25.99 -0.64 0.00	29.48 -0.70 0.00	36.76 -0.88 0.00	33.97 -0.83 -0.41	29.23 -0.70 0.00	31.88 -0.71 0.00	48.38 -0.78 0.00
OSWEGO___6 23613	28.55 -0.62 0.00	16.79 -0.33 -0.39	11.45 -0.24 -0.62	11.03 -0.22 -0.69	13.69 -0.29 -0.54	0.04 0.03 -1.38	14.52 -0.30 -0.31	24.43 -0.55 0.00	24.59 -0.52 0.00	29.14 -0.53 0.00	30.85 -0.54 0.00	33.65 -0.62 0.00	31.77 -0.62 -0.01	29.82 -0.69 0.00	23.77 -0.59 -0.07	23.65 -0.57 -0.09	27.96 -0.67 0.00	25.99 -0.64 0.00	29.48 -0.70 0.00	36.76 -0.88 0.00	33.97 -0.83 -0.41	29.23 -0.70 0.00	31.88 -0.71 0.00	48.38 -0.78 0.00

OUTOKUMPU-AB___DRP 24206	24.20 -1.39 3.59	16.81 -0.77 -0.85	11.82 -0.59 -1.35	11.52 -0.54 -1.50	13.81 -0.80 -1.17	1.70 0.06 -3.00	14.50 -0.69 -0.68	23.47 -1.51 0.00	23.63 -1.49 0.00	28.40 -1.27 0.00	30.16 -1.23 0.00	31.98 -1.38 0.91	27.09 -1.40 3.89	19.10 -1.60 9.81	22.68 -1.48 0.12	23.15 -1.19 -0.20	27.38 -1.25 0.00	25.18 -1.46 0.00	28.61 -1.57 0.00	35.89 -1.74 0.00	32.64 -1.74 0.00	28.55 -1.38 0.00	31.24 -1.35 0.00	47.16 -2.01 0.00
OXBOW___BTM 323836	24.04 -1.61 3.52	16.67 -0.91 -0.84	11.74 -0.67 -1.34	11.43 -0.61 -1.48	13.71 -0.90 -1.16	1.68 0.07 -2.97	14.39 -0.80 -0.67	23.26 -1.72 0.00	23.41 -1.71 0.00	28.15 -1.52 0.00	29.91 -1.49 0.00	31.70 -1.69 0.88	26.92 -1.69 3.77	19.12 -1.88 9.50	22.46 -1.71 0.12	22.93 -1.41 -0.20	27.07 -1.56 0.00	24.87 -1.77 0.00	28.23 -1.95 0.00	35.46 -2.18 0.00	32.24 -2.14 0.00	28.18 -1.74 0.00	30.88 -1.71 0.00	46.63 -2.54 0.00
OXBOW___ 24026	24.05 -1.61 3.52	16.67 -0.91 -0.84	11.73 -0.67 -1.34	11.43 -0.61 -1.48	13.71 -0.90 -1.16	1.68 0.07 -2.97	14.39 -0.80 -0.67	23.26 -1.72 0.00	23.41 -1.71 0.00	28.14 -1.53 0.00	29.89 -1.50 0.00	31.70 -1.69 0.88	26.90 -1.71 3.77	19.07 -1.93 9.50	22.46 -1.72 0.12	22.91 -1.42 -0.20	27.07 -1.56 0.00	24.86 -1.77 0.00	28.25 -1.93 0.00	35.46 -2.18 0.00	32.24 -2.14 0.00	28.20 -1.72 0.00	30.88 -1.71 0.00	46.63 -2.54 0.00
OXY_CHEM_DSASP 323612	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.04 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.03 0.00	23.08 -2.04 0.00	27.73 -1.94 0.00	29.46 -1.94 0.00	31.24 -2.17 0.85	26.52 -2.21 3.65	18.89 -2.42 9.19	22.09 -2.09 0.11	22.55 -1.79 -0.19	26.60 -2.03 0.00	24.41 -2.23 0.00	27.73 -2.45 0.00	34.82 -2.83 0.00	31.65 -2.73 0.00	27.69 -2.23 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
OZONE_PARK_ESR 323760	31.06 1.89 0.00	23.95 1.15 -6.06	21.42 0.74 -9.62	21.94 0.71 -10.66	22.68 0.89 -8.33	19.90 -0.10 -21.36	20.37 1.01 -4.84	26.60 1.62 0.00	26.94 1.82 0.00	31.86 2.18 0.00	33.84 2.45 0.00	37.12 2.85 0.00	35.60 3.01 -0.21	33.47 2.97 0.00	27.89 2.58 -1.02	30.85 2.68 -4.03	31.89 3.26 0.00	29.71 3.07 0.00	33.64 3.46 0.00	41.62 3.98 0.00	37.83 3.45 0.00	32.87 2.94 0.00	35.58 3.00 0.00	53.28 4.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.04 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.03 0.00	23.08 -2.04 0.00	27.73 -1.94 0.00	29.46 -1.94 0.00	31.24 -2.17 0.85	26.52 -2.21 3.65	18.89 -2.42 9.19	22.09 -2.09 0.11	22.55 -1.79 -0.19	26.60 -2.03 0.00	24.41 -2.23 0.00	27.73 -2.45 0.00	34.82 -2.83 0.00	31.65 -2.73 0.00	27.69 -2.23 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
PACKARD__115KV_DUPONT_184 80571	23.76 -1.96 3.45	16.45 -1.11 -0.84	11.60 -0.79 -1.32	11.31 -0.73 -1.47	13.55 -1.04 -1.15	1.66 0.08 -2.94	14.21 -0.97 -0.67	22.94 -2.03 0.00	23.08 -2.04 0.00	27.73 -1.94 0.00	29.46 -1.94 0.00	31.24 -2.17 0.85	26.52 -2.21 3.65	18.89 -2.42 9.19	22.09 -2.09 0.11	22.55 -1.79 -0.19	26.60 -2.03 0.00	24.41 -2.23 0.00	27.73 -2.45 0.00	34.82 -2.83 0.00	31.65 -2.73 0.00	27.69 -2.23 0.00	30.34 -2.25 0.00	45.83 -3.33 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.89 1.71 0.00	23.82 1.03 -6.06	21.34 0.66 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.08 -21.36	20.26 0.90 -4.85	26.38 1.40 0.00	26.75 1.63 0.00	31.55 1.88 0.00	33.49 2.10 0.00	36.67 2.41 0.00	35.16 2.57 -0.21	33.11 2.61 0.00	27.61 2.29 -1.02	30.53 2.36 -4.03	31.47 2.84 0.00	29.31 2.68 0.00	33.17 2.99 0.00	41.07 3.43 0.00	37.38 3.00 0.00	32.47 2.54 0.00	35.18 2.59 0.00	52.61 3.44 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.89 1.71 0.00	23.82 1.03 -6.06	21.34 0.66 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.26 0.90 -4.85	26.41 1.43 0.00	26.78 1.66 0.00	31.60 1.93 0.00	33.58 2.18 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.19 2.68 0.00	27.65 2.34 -1.02	30.56 2.39 -4.03	31.52 2.89 0.00	29.38 2.74 0.00	33.25 3.07 0.00	41.17 3.53 0.00	37.51 3.12 0.00	32.58 2.65 0.00	35.31 2.72 0.00	52.83 3.66 0.00
PATROON__115KV_TB1 80586	30.37 1.20 0.00	25.35 0.73 -7.89	24.07 0.50 -12.51	24.92 0.48 -13.87	24.89 0.60 -10.84	26.36 -0.06 -27.78	21.47 0.66 -6.30	26.02 1.04 0.00	26.05 0.93 0.00	30.57 0.90 0.00	32.34 0.95 0.00	35.38 1.12 0.00	33.80 1.15 -0.28	31.58 1.08 0.00	26.55 0.94 -1.32	27.27 0.92 -2.21	29.65 1.02 0.00	27.57 0.94 0.00	31.27 1.09 0.00	38.89 1.25 0.00	35.54 1.16 0.00	30.89 0.96 0.00	33.63 1.05 0.00	50.47 1.30 0.00
PATTRSNVILLE___SOLAR 323815	30.36 1.19 0.00	25.75 0.68 -8.33	24.73 0.45 -13.22	25.66 0.43 -14.66	25.45 0.54 -11.46	27.94 -0.06 -29.36	21.76 0.59 -6.66	25.96 0.98 0.00	26.16 1.05 0.00	30.89 1.21 0.00	32.58 1.19 0.00	35.73 1.46 0.00	34.07 1.40 -0.29	31.86 1.35 0.00	26.78 1.09 -1.40	27.49 1.11 -2.24	29.95 1.31 0.00	27.85 1.21 0.00	31.62 1.44 0.00	39.39 1.75 0.00	36.01 1.63 0.00	31.33 1.41 0.00	34.11 1.53 0.00	51.30 2.14 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.68 -1.34 4.16	16.99 -0.68 -0.93	11.99 -0.55 -1.48	11.70 -0.50 -1.64	13.99 -0.74 -1.28	1.98 0.06 -3.29	14.61 -0.65 -0.75	23.66 -1.32 0.00	23.84 -1.27 0.00	28.65 -1.02 0.00	30.42 -0.97 0.00	32.28 -1.03 0.96	27.28 -1.00 4.09	19.02 -1.19 10.30	22.93 -1.24 0.12	23.39 -0.97 -0.22	27.70 -0.93 0.00	25.56 -1.08 0.00	29.07 -1.10 0.00	36.45 -1.19 0.00	33.13 -1.25 0.00	28.94 -0.99 0.00	31.63 -0.96 0.00	47.75 -1.42 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.78 1.61 0.00	23.90 0.97 -6.20	21.52 0.63 -9.83	22.07 0.60 -10.90	22.72 0.75 -8.52	20.38 -0.08 -21.83	20.31 0.85 -4.95	26.37 1.39 0.00	26.69 1.57 0.00	31.57 1.89 0.00	33.51 2.12 0.00	36.73 2.47 0.00	35.15 2.55 -0.22	33.10 2.60 0.00	27.57 2.24 -1.04	28.39 2.40 -1.85	31.47 2.84 0.00	29.29 2.66 0.00	33.19 3.02 0.00	41.10 3.46 0.00	37.44 3.05 0.00	32.51 2.58 0.00	35.23 2.64 0.00	52.78 3.61 0.00
PEEKSKILL___ 23653	30.57 1.40 0.00	23.58 0.85 -5.99	21.12 0.55 -9.51	21.64 0.53 -10.54	22.35 0.67 -8.24	19.68 -0.07 -21.12	20.05 0.75 -4.79	26.16 1.18 0.00	26.47 1.36 0.00	31.29 1.61 0.00	33.21 1.82 0.00	36.41 2.15 0.00	34.89 2.30 -0.21	32.80 2.29 0.00	27.31 2.01 -1.01	30.70 2.09 -4.47	31.17 2.54 0.00	29.02 2.39 0.00	32.89 2.71 0.00	40.72 3.08 0.00	37.07 2.68 0.00	32.18 2.26 0.00	34.88 2.29 0.00	52.27 3.10 0.00
PGE MADISON___WINDPWR 24146	36.36 0.54 -6.65	18.93 0.42 -1.78	14.11 0.23 -2.82	13.94 0.25 -3.13	16.04 0.14 -2.45	4.88 -0.02 -6.27	16.15 0.22 -1.42	25.43 0.45 0.00	25.64 0.53 0.00	30.46 0.79 0.00	32.42 1.03 0.00	35.80 1.36 -0.17	34.33 1.17 -0.79	32.46 1.12 -0.84	25.39 0.81 -0.29	25.38 0.84 -0.40	29.66 1.03 0.00	27.75 1.11 0.00	31.62 1.44 0.00	39.39 1.75 0.00	35.92 1.50 -0.04	31.38 1.46 0.00	34.32 1.73 0.00	51.38 2.22 0.00

PIERCEFIELD___HYD 23852	28.57 -0.60 0.00	16.26 -0.47 0.00	10.70 -0.36 0.00	10.22 -0.35 0.00	13.04 -0.40 0.00	-1.32 0.04 0.00	14.02 -0.50 0.00	24.26 -0.72 0.00	24.37 -0.74 0.00	28.74 -0.94 0.00	30.33 -1.07 0.00	32.96 -1.30 0.00	31.02 -1.37 0.00	29.38 -1.12 0.00	23.30 -0.99 0.00	21.07 -1.39 1.68	26.99 -1.64 0.00	25.16 -1.47 0.00	28.55 -1.63 0.00	35.81 -1.83 0.00	32.87 -1.53 -0.02	28.68 -1.24 0.00	31.17 -1.42 0.00	46.90 -2.26 0.00
PINELAWN_CC_1 323563	31.23 2.06 0.00	25.24 1.26 -7.24	22.88 0.83 -10.99	36.04 0.80 -24.68	38.83 1.00 -24.38	38.76 -0.11 -40.23	37.89 1.12 -22.26	26.74 1.76 0.00	32.15 1.97 -5.06	38.55 2.33 -6.55	36.34 2.40 -2.55	37.04 2.77 0.00	35.50 2.91 -0.21	35.11 2.95 -1.66	32.15 2.46 -5.40	48.60 2.43 -22.03	51.58 2.97 -19.99	29.37 2.74 0.00	33.63 3.46 0.00	41.54 3.90 0.00	37.78 3.40 0.00	32.80 2.88 0.00	35.49 2.91 0.00	53.05 3.89 0.00
PJM_GEN_HTP_PROXY 323702	30.72 1.55 0.00	23.76 0.96 -6.06	21.30 0.62 -9.62	21.82 0.59 -10.66	22.53 0.75 -8.33	18.20 -0.08 -19.65	19.67 0.85 -4.32	26.87 1.35 -0.54	26.67 1.55 0.00	31.52 1.85 0.00	33.47 2.07 0.00	36.70 2.43 0.00	35.18 2.59 -0.21	33.07 2.57 0.00	27.58 2.27 -1.02	30.54 2.37 -4.03	31.51 2.88 0.00	29.34 2.71 0.00	33.24 3.06 0.00	41.12 3.48 0.00	37.35 2.97 0.00	32.44 2.51 0.00	35.11 2.53 0.00	52.58 3.42 0.00
PJM_GEN_KEystone 24065	26.85 -0.13 2.19	20.44 0.06 -3.65	16.84 0.00 -5.78	16.99 0.01 -6.41	18.43 -0.02 -5.01	9.76 0.00 -11.13	16.92 0.03 -2.38	25.45 -0.07 -0.54	25.17 0.06 0.00	29.95 0.28 0.00	31.77 0.38 0.00	34.60 0.54 0.20	32.32 0.66 0.72	29.08 0.61 2.03	25.35 0.50 -0.56	21.40 0.63 3.37	29.49 0.86 0.00	27.39 0.75 0.00	31.08 0.90 0.00	38.58 0.93 0.00	35.12 0.73 0.00	30.53 0.60 0.00	33.21 0.62 0.00	49.97 0.81 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.93 1.75 0.00	24.51 1.08 -6.70	22.44 0.71 -10.67	29.41 0.69 -18.16	31.23 0.87 -16.92	28.28 -0.09 -29.74	29.10 0.97 -13.63	27.04 1.52 -0.54	29.54 1.72 -2.71	35.22 2.05 -3.51	35.03 2.28 -1.36	36.76 2.50 0.00	35.24 2.65 -0.21	34.06 2.67 -0.88	30.00 2.35 -3.36	40.21 2.43 -13.64	42.23 2.94 -10.66	29.34 2.70 0.00	33.27 3.09 0.00	41.12 3.48 0.00	37.39 3.00 0.00	32.47 2.54 0.00	35.16 2.57 0.00	52.61 3.45 0.00
PJM_GEN_VFT_PROXY 323633	30.66 1.49 0.00	23.71 0.91 -6.06	21.27 0.59 -9.62	21.80 0.57 -10.66	22.49 0.71 -8.33	18.20 -0.08 -19.65	19.63 0.81 -4.32	26.78 1.26 -0.54	26.57 1.46 0.00	31.35 1.68 0.00	33.30 1.91 0.00	36.53 2.27 0.00	35.05 2.46 -0.21	32.98 2.47 0.00	27.50 2.19 -1.02	30.45 2.28 -4.03	31.42 2.80 0.00	29.29 2.65 0.00	33.17 2.99 0.00	41.00 3.36 0.00	37.28 2.90 0.00	32.40 2.47 0.00	35.05 2.47 0.00	52.49 3.33 0.00
PLATSBURG_115KV_PMLD1 355749	29.47 0.30 0.00	16.69 -0.04 0.00	10.94 -0.12 0.00	10.39 -0.18 0.00	13.19 -0.26 0.00	-1.32 0.05 0.00	14.01 -0.51 0.00	24.42 -0.56 0.00	24.54 -0.57 0.00	29.00 -0.67 0.00	30.69 -0.70 0.00	33.47 -0.80 0.00	31.40 -0.98 0.00	29.73 -0.77 0.00	23.37 -0.92 0.00	22.54 -1.19 0.41	27.05 -1.57 0.00	25.25 -1.39 0.00	28.83 -1.35 0.00	36.35 -1.29 0.00	33.34 -1.04 0.00	29.20 -0.73 0.00	31.81 -0.77 0.00	47.85 -1.32 0.00
PLEASANTVLY___LBMP 24000	30.42 1.25 0.00	23.95 0.77 -6.44	21.79 0.51 -10.22	22.38 0.49 -11.33	22.91 0.61 -8.85	21.26 -0.07 -22.69	20.34 0.68 -5.14	26.06 1.08 0.00	26.33 1.22 0.00	31.10 1.43 0.00	32.99 1.60 0.00	36.15 1.88 0.00	34.61 2.00 -0.23	32.52 2.01 0.00	27.11 1.74 -1.08	28.52 1.81 -2.58	30.80 2.17 0.00	28.67 2.03 0.00	32.49 2.31 0.00	40.27 2.63 0.00	36.69 2.31 0.00	31.86 1.94 0.00	34.58 1.99 0.00	51.86 2.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.69 1.52 0.00	23.80 0.93 -6.14	21.41 0.61 -9.74	21.95 0.59 -10.80	22.62 0.74 -8.44	20.18 -0.08 -21.62	20.24 0.82 -4.90	26.30 1.33 0.00	26.63 1.51 0.00	31.46 1.80 0.00	33.39 2.00 0.00	36.60 2.34 0.00	35.07 2.47 -0.22	32.87 2.37 0.00	27.38 2.06 -1.03	29.72 2.14 -3.43	31.24 2.61 0.00	29.09 2.45 0.00	32.95 2.77 0.00	40.81 3.17 0.00	37.13 2.74 0.00	32.24 2.31 0.00	34.96 2.38 0.00	52.39 3.22 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.69 1.52 0.00	23.80 0.93 -6.14	21.41 0.61 -9.74	21.95 0.59 -10.80	22.62 0.74 -8.44	20.18 -0.08 -21.62	20.24 0.82 -4.90	26.30 1.33 0.00	26.63 1.51 0.00	31.46 1.80 0.00	33.39 2.00 0.00	36.60 2.34 0.00	35.07 2.47 -0.22	32.87 2.37 0.00	27.38 2.06 -1.03	29.72 2.14 -3.43	31.24 2.61 0.00	29.09 2.45 0.00	32.95 2.77 0.00	40.81 3.17 0.00	37.13 2.74 0.00	32.24 2.31 0.00	34.96 2.38 0.00	52.39 3.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.63 1.46 0.00	23.90 0.89 -6.28	21.60 0.58 -9.96	22.16 0.55 -11.05	22.77 0.69 -8.63	20.69 -0.07 -22.12	20.30 0.77 -5.02	26.23 1.25 0.00	26.52 1.41 0.00	31.35 1.68 0.00	33.27 1.88 0.00	36.45 2.19 0.00	34.89 2.30 -0.22	32.80 2.29 0.00	27.30 1.96 -1.05	28.07 2.06 -1.87	31.13 2.50 0.00	28.97 2.33 0.00	32.83 2.65 0.00	40.69 3.06 0.00	37.09 2.70 0.00	32.20 2.28 0.00	34.93 2.34 0.00	52.37 3.21 0.00
POLETTI_____ 23519	30.71 1.53 0.00	23.75 0.96 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.21 0.86 -4.84	26.32 1.34 0.00	26.64 1.53 0.00	31.47 1.81 0.00	33.43 2.03 0.00	36.66 2.39 0.00	35.16 2.57 -0.21	33.06 2.55 0.00	27.57 2.26 -1.02	30.52 2.35 -4.03	31.49 2.86 0.00	29.32 2.69 0.00	33.20 3.02 0.00	41.08 3.44 0.00	37.34 2.96 0.00	32.44 2.51 0.00	35.11 2.53 0.00	52.58 3.41 0.00
POMONA___ESR 323819	30.57 1.40 0.00	23.37 0.84 -5.80	20.80 0.54 -9.20	21.29 0.52 -10.21	22.07 0.66 -7.97	19.00 -0.07 -20.43	19.87 0.73 -4.63	26.13 1.15 0.00	26.44 1.33 0.00	31.25 1.58 0.00	33.18 1.79 0.00	36.42 2.15 0.00	34.90 2.32 -0.20	32.83 2.33 0.00	27.31 2.05 -0.97	23.62 2.11 2.63	31.20 2.57 0.00	29.06 2.43 0.00	32.93 2.75 0.00	40.77 3.13 0.00	37.13 2.75 0.00	32.22 2.29 0.00	34.91 2.32 0.00	52.32 3.15 0.00
PORT_JEFF_3 23555	31.29 2.12 0.00	25.30 1.33 -7.24	22.94 0.89 -10.99	36.11 0.87 -24.68	38.92 1.09 -24.38	38.75 -0.12 -40.23	37.97 1.20 -22.26	26.84 1.86 0.00	32.23 2.05 -5.06	38.66 2.44 -6.55	36.65 2.70 -2.55	37.07 2.81 0.00	35.55 2.96 -0.21	35.20 3.03 -1.66	32.38 2.69 -5.40	48.89 2.72 -22.03	51.86 3.24 -19.99	29.50 2.86 0.00	33.50 3.32 0.00	41.39 3.75 0.00	37.54 3.15 0.00	32.58 2.65 0.00	35.29 2.71 0.00	52.70 3.53 0.00
PORT_JEFF_4 23616	31.29 2.12 0.00	25.30 1.33 -7.24	22.94 0.89 -10.99	36.11 0.87 -24.68	38.92 1.09 -24.38	38.75 -0.12 -40.23	37.97 1.20 -22.26	26.84 1.86 0.00	32.23 2.05 -5.06	38.66 2.44 -6.55	36.65 2.70 -2.55	37.07 2.81 0.00	35.55 2.96 -0.21	35.20 3.03 -1.66	32.38 2.69 -5.40	48.89 2.72 -22.03	51.86 3.24 -19.99	29.50 2.86 0.00	33.50 3.32 0.00	41.39 3.75 0.00	37.54 3.15 0.00	32.58 2.65 0.00	35.29 2.71 0.00	52.70 3.53 0.00

PORT_JEFF_IC 23713	31.32 2.15 0.00	25.32 1.35 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.67	38.94 1.11 -24.38	38.75 -0.12 -40.23	37.99 1.22 -22.26	26.88 1.90 0.00	32.26 2.09 -5.06	38.72 2.49 -6.55	36.70 2.76 -2.55	37.15 2.88 0.00	35.62 3.03 -0.21	35.28 3.12 -1.66	32.39 2.69 -5.40	48.86 2.69 -22.03	51.84 3.22 -19.98	29.50 2.87 0.00	33.56 3.38 0.00	41.52 3.88 0.00	37.67 3.28 0.00	32.68 2.75 0.00	35.38 2.80 0.00	52.82 3.65 0.00
PPL PILGRIM_ST_GT1 24216	31.36 2.19 0.00	25.35 1.37 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.93 1.10 -24.38	38.75 -0.12 -40.23	37.98 1.22 -22.26	26.89 1.91 0.00	32.29 2.11 -5.06	38.64 2.42 -6.55	36.68 2.73 -2.55	37.16 2.89 0.00	35.61 3.02 -0.21	35.28 3.12 -1.66	32.45 2.75 -5.40	48.99 2.81 -22.03	52.02 3.41 -19.99	29.72 3.09 0.00	33.76 3.58 0.00	41.68 4.04 0.00	37.85 3.46 0.00	32.85 2.93 0.00	35.55 2.97 0.00	53.12 3.95 0.00
PPL PILGRIM_ST_GT2 24217	31.36 2.19 0.00	25.35 1.37 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.93 1.10 -24.38	38.75 -0.12 -40.23	37.98 1.22 -22.26	26.89 1.91 0.00	32.29 2.11 -5.06	38.64 2.42 -6.55	36.68 2.73 -2.55	37.16 2.89 0.00	35.61 3.02 -0.21	35.28 3.12 -1.66	32.45 2.75 -5.40	48.99 2.81 -22.03	52.02 3.41 -19.99	29.72 3.09 0.00	33.76 3.58 0.00	41.68 4.04 0.00	37.85 3.46 0.00	32.85 2.93 0.00	35.55 2.97 0.00	53.12 3.95 0.00
PPL_SHRM_GT3 24213	31.19 2.02 0.00	25.26 1.28 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.94 1.12 -24.38	38.75 -0.12 -40.23	38.00 1.23 -22.26	26.81 1.83 0.00	32.12 1.95 -5.06	38.55 2.33 -6.55	36.52 2.58 -2.55	36.97 2.71 0.00	35.47 2.88 -0.21	35.12 2.95 -1.66	32.35 2.65 -5.40	48.90 2.73 -22.03	51.91 3.29 -19.99	29.62 2.98 0.00	33.64 3.47 0.00	41.50 3.86 0.00	37.64 3.25 0.00	32.63 2.71 0.00	35.29 2.70 0.00	52.64 3.47 0.00
PPL_SHRM_GT4 24214	31.19 2.02 0.00	25.26 1.28 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.94 1.12 -24.38	38.75 -0.12 -40.23	38.00 1.23 -22.26	26.81 1.83 0.00	32.12 1.95 -5.06	38.55 2.33 -6.55	36.52 2.58 -2.55	36.97 2.71 0.00	35.47 2.88 -0.21	35.12 2.95 -1.66	32.35 2.65 -5.40	48.90 2.73 -22.03	51.91 3.29 -19.99	29.62 2.98 0.00	33.64 3.47 0.00	41.50 3.86 0.00	37.64 3.25 0.00	32.63 2.71 0.00	35.29 2.70 0.00	52.64 3.47 0.00
PROJECT___ORANGE 1 24174	28.88 -0.29 0.00	17.07 -0.14 -0.48	11.70 -0.11 -0.75	11.29 -0.11 -0.83	13.95 -0.15 -0.65	0.32 0.01 -1.68	14.76 -0.13 -0.38	24.71 -0.27 0.00	24.89 -0.23 0.00	29.53 -0.13 0.00	31.28 -0.10 0.00	34.15 -0.11 0.00	32.25 -0.15 -0.02	30.25 -0.26 0.00	24.13 -0.24 -0.08	24.03 -0.21 -0.10	28.41 -0.22 0.00	26.41 -0.23 0.00	29.96 -0.22 0.00	37.35 -0.29 0.00	34.15 -0.28 -0.05	29.70 -0.23 0.00	32.38 -0.21 0.00	49.11 -0.06 0.00
PROJECT___ORANGE 2 24166	28.88 -0.29 0.00	17.07 -0.14 -0.48	11.70 -0.11 -0.75	11.29 -0.11 -0.83	13.95 -0.15 -0.65	0.32 0.01 -1.68	14.76 -0.13 -0.38	24.71 -0.27 0.00	24.89 -0.23 0.00	29.53 -0.13 0.00	31.28 -0.10 0.00	34.15 -0.11 0.00	32.25 -0.15 -0.02	30.25 -0.26 0.00	24.13 -0.24 -0.08	24.03 -0.21 -0.10	28.41 -0.22 0.00	26.41 -0.23 0.00	29.96 -0.22 0.00	37.35 -0.29 0.00	34.15 -0.28 -0.05	29.70 -0.23 0.00	32.38 -0.21 0.00	49.11 -0.06 0.00
PUCKETT___SOLAR 323809	29.06 -0.11 0.00	18.72 0.09 -1.89	14.08 0.01 -3.00	13.90 0.00 -3.33	16.00 -0.05 -2.61	5.31 0.00 -6.67	16.00 -0.03 -1.51	24.92 -0.06 0.00	25.11 -0.01 0.00	29.75 0.08 0.00	31.58 0.19 0.00	34.63 0.37 0.00	32.77 0.33 -0.07	30.77 0.26 0.00	24.79 0.19 -0.31	24.81 0.24 -0.42	28.98 0.35 0.00	26.99 0.35 0.00	30.72 0.54 0.00	38.24 0.60 0.00	34.86 0.44 -0.04	30.31 0.38 0.00	33.10 0.52 0.00	49.84 0.68 0.00
PYRITES___HYD 24023	29.16 -0.01 0.00	16.60 -0.13 0.00	10.94 -0.12 0.00	10.44 -0.13 0.00	13.31 -0.13 0.00	-1.35 0.02 0.00	14.34 -0.17 0.00	24.84 -0.14 0.00	24.93 -0.18 0.00	29.38 -0.29 0.00	31.00 -0.39 0.00	33.69 -0.58 0.00	31.73 -0.65 0.00	30.06 -0.44 0.00	23.85 -0.44 0.00	21.72 -0.84 1.58	27.68 -0.95 0.00	25.77 -0.86 0.00	29.28 -0.89 0.00	36.75 -0.89 0.00	33.71 -0.69 -0.02	29.40 -0.52 0.00	31.94 -0.65 0.00	48.01 -1.16 0.00
QUAKERRD_115KV_BK1 80622	26.10 -1.20 1.87	16.69 -0.69 -0.64	11.59 -0.49 -1.02	11.24 -0.46 -1.13	13.68 -0.64 -0.88	0.95 0.05 -2.27	14.42 -0.61 -0.51	23.80 -1.18 0.00	23.99 -1.12 0.00	28.64 -1.04 0.00	30.39 -1.00 0.00	33.15 -1.11 0.00	31.23 -1.17 -0.02	29.19 -1.32 0.00	23.29 -1.11 -0.11	23.32 -0.97 -0.15	27.58 -1.05 0.00	25.54 -1.09 0.00	29.02 -1.16 0.00	36.29 -1.35 0.00	33.08 -1.31 0.00	28.86 -1.07 0.00	31.47 -1.11 0.00	47.57 -1.60 0.00
QUENSBRY_115KV_TB8 356137	31.48 2.31 0.00	26.12 1.29 -8.10	24.77 0.87 -12.84	25.65 0.84 -14.25	25.63 1.05 -11.13	27.06 -0.11 -28.53	22.12 1.14 -6.47	27.04 2.06 0.00	27.26 2.15 0.00	32.29 2.62 0.00	34.03 2.64 0.00	37.27 3.01 0.00	35.39 2.72 -0.28	32.92 2.42 0.00	27.41 1.76 -1.35	28.11 1.75 -2.23	30.72 2.09 0.00	28.54 1.90 0.00	32.65 2.47 0.00	40.79 3.15 0.00	37.52 3.14 0.00	32.62 2.70 0.00	35.60 3.02 0.00	53.39 4.23 0.00
RAMAPO___LBMP 323565	30.44 1.27 0.00	23.27 0.76 -5.78	20.71 0.49 -9.16	21.20 0.47 -10.16	21.99 0.60 -7.94	18.92 -0.07 -20.35	19.79 0.67 -4.61	26.01 1.04 0.00	26.32 1.20 0.00	31.10 1.43 0.00	33.02 1.63 0.00	36.23 1.96 0.00	34.70 2.12 -0.20	32.65 2.15 0.00	27.15 1.89 -0.97	23.60 1.95 2.48	31.00 2.37 0.00	28.88 2.24 0.00	32.73 2.55 0.00	40.53 2.89 0.00	36.91 2.53 0.00	32.04 2.11 0.00	34.72 2.13 0.00	52.04 2.88 0.00
RANKINE____ 23646	23.63 -1.48 4.06	16.87 -0.77 -0.91	11.91 -0.60 -1.45	11.62 -0.55 -1.61	13.88 -0.82 -1.25	1.91 0.06 -3.21	14.53 -0.72 -0.73	23.48 -1.50 0.00	23.64 -1.47 0.00	28.40 -1.27 0.00	30.17 -1.22 0.00	31.83 -1.33 1.11	26.28 -1.34 4.76	16.96 -1.54 12.01	22.67 -1.45 0.18	23.19 -1.17 -0.21	27.45 -1.18 0.00	25.31 -1.33 0.00	28.80 -1.38 0.00	36.16 -1.48 0.00	32.89 -1.50 0.00	28.72 -1.20 0.00	31.41 -1.17 0.00	47.42 -1.75 0.00
RAVENSWOOD_GT2_1 24244	30.79 1.62 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.12 2.62 0.00	27.61 2.30 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.37 2.73 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.41 3.03 0.00	32.49 2.57 0.00	35.19 2.60 0.00	52.69 3.52 0.00
RAVENSWOOD_GT2_2 24245	30.79 1.62 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.12 2.62 0.00	27.61 2.30 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.37 2.73 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.41 3.03 0.00	32.49 2.57 0.00	35.19 2.60 0.00	52.69 3.52 0.00

RAVENSWOOD_GT2_3 24246	30.81 1.64 0.00	23.80 1.01 -6.06	21.33 0.66 -9.62	21.85 0.62 -10.66	22.57 0.79 -8.33	19.91 -0.08 -21.36	20.24 0.89 -4.84	26.39 1.41 0.00	26.72 1.61 0.00	31.58 1.91 0.00	33.53 2.14 0.00	36.76 2.50 0.00	35.25 2.66 -0.21	33.14 2.63 0.00	27.63 2.32 -1.02	30.58 2.41 -4.03	31.56 2.93 0.00	29.39 2.75 0.00	33.27 3.10 0.00	41.18 3.53 0.00	37.44 3.05 0.00	32.52 2.59 0.00	35.21 2.62 0.00	52.72 3.55 0.00
RAVENSWOOD_GT2_4 24247	30.81 1.64 0.00	23.80 1.01 -6.06	21.33 0.66 -9.62	21.85 0.62 -10.66	22.57 0.79 -8.33	19.91 -0.08 -21.36	20.24 0.89 -4.84	26.39 1.41 0.00	26.72 1.61 0.00	31.58 1.91 0.00	33.53 2.14 0.00	36.76 2.50 0.00	35.25 2.66 -0.21	33.14 2.63 0.00	27.63 2.32 -1.02	30.58 2.41 -4.03	31.56 2.93 0.00	29.39 2.75 0.00	33.27 3.10 0.00	41.18 3.53 0.00	37.44 3.05 0.00	32.52 2.59 0.00	35.21 2.62 0.00	52.72 3.55 0.00
RAVENSWOOD_GT3_1 24248	30.79 1.62 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.12 2.62 0.00	27.61 2.30 -1.02	30.57 2.40 -4.03	31.54 2.91 0.00	29.37 2.73 0.00	33.26 3.08 0.00	41.15 3.51 0.00	37.42 3.04 0.00	32.49 2.57 0.00	35.19 2.61 0.00	52.69 3.53 0.00
RAVENSWOOD_GT3_2 24249	30.79 1.62 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.12 2.62 0.00	27.61 2.30 -1.02	30.57 2.40 -4.03	31.54 2.91 0.00	29.37 2.73 0.00	33.26 3.08 0.00	41.15 3.51 0.00	37.42 3.04 0.00	32.49 2.57 0.00	35.19 2.61 0.00	52.69 3.53 0.00
RAVENSWOOD_GT3_3 24250	30.79 1.62 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.89 -4.84	26.37 1.39 0.00	26.73 1.61 0.00	31.60 1.92 0.00	33.55 2.16 0.00	36.79 2.53 0.00	35.28 2.69 -0.21	33.17 2.66 0.00	27.65 2.34 -1.02	30.60 2.43 -4.03	31.59 2.96 0.00	29.41 2.77 0.00	33.30 3.12 0.00	41.18 3.53 0.00	37.42 3.04 0.00	32.51 2.59 0.00	35.25 2.66 0.00	52.79 3.62 0.00
RAVENSWOOD_GT3_4 24251	30.79 1.62 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.89 -4.84	26.37 1.39 0.00	26.73 1.61 0.00	31.60 1.92 0.00	33.55 2.16 0.00	36.79 2.53 0.00	35.28 2.69 -0.21	33.17 2.66 0.00	27.65 2.34 -1.02	30.60 2.43 -4.03	31.59 2.96 0.00	29.41 2.77 0.00	33.30 3.12 0.00	41.18 3.53 0.00	37.42 3.04 0.00	32.51 2.59 0.00	35.25 2.66 0.00	52.79 3.62 0.00
RAVENSWOOD_GT_1 23729	30.89 1.72 0.00	23.84 1.05 -6.06	21.36 0.68 -9.62	21.88 0.65 -10.66	22.60 0.82 -8.34	19.90 -0.09 -21.36	20.29 0.93 -4.85	26.44 1.47 0.00	26.80 1.69 0.00	31.66 1.99 0.00	33.61 2.22 0.00	36.84 2.57 0.00	35.33 2.73 -0.21	33.22 2.71 0.00	27.71 2.39 -1.02	30.64 2.47 -4.03	31.63 3.00 0.00	29.45 2.81 0.00	33.35 3.17 0.00	41.27 3.63 0.00	37.54 3.15 0.00	32.61 2.68 0.00	35.31 2.72 0.00	52.85 3.68 0.00
RAVENSWOOD_GT_10 24258	30.79 1.61 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.12 2.61 0.00	27.61 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.36 2.73 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.42 3.03 0.00	32.49 2.57 0.00	35.18 2.60 0.00	52.69 3.52 0.00
RAVENSWOOD_GT_11 24259	30.79 1.61 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.12 2.61 0.00	27.61 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.36 2.73 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.42 3.03 0.00	32.49 2.57 0.00	35.18 2.60 0.00	52.69 3.52 0.00
RAVENSWOOD_GT_4 24252	30.78 1.61 0.00	23.79 0.99 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.37 1.39 0.00	26.70 1.59 0.00	31.55 1.88 0.00	33.50 2.11 0.00	36.73 2.47 0.00	35.22 2.63 -0.21	33.10 2.60 0.00	27.59 2.28 -1.02	30.54 2.37 -4.03	31.52 2.89 0.00	29.35 2.71 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.40 3.02 0.00	32.48 2.55 0.00	35.18 2.59 0.00	52.69 3.52 0.00
RAVENSWOOD_GT_5 24254	30.78 1.61 0.00	23.79 0.99 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.37 1.39 0.00	26.70 1.59 0.00	31.55 1.88 0.00	33.50 2.11 0.00	36.73 2.47 0.00	35.22 2.63 -0.21	33.10 2.60 0.00	27.59 2.28 -1.02	30.54 2.37 -4.03	31.52 2.89 0.00	29.35 2.71 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.40 3.02 0.00	32.48 2.55 0.00	35.18 2.59 0.00	52.69 3.52 0.00
RAVENSWOOD_GT_6 24253	30.78 1.61 0.00	23.79 0.99 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.37 1.39 0.00	26.70 1.59 0.00	31.55 1.88 0.00	33.50 2.11 0.00	36.73 2.47 0.00	35.22 2.63 -0.21	33.10 2.60 0.00	27.59 2.28 -1.02	30.54 2.37 -4.03	31.52 2.89 0.00	29.35 2.71 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.40 3.02 0.00	32.48 2.55 0.00	35.18 2.59 0.00	52.69 3.52 0.00
RAVENSWOOD_GT_7 24255	30.78 1.61 0.00	23.79 0.99 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.88 -4.84	26.37 1.39 0.00	26.70 1.59 0.00	31.55 1.88 0.00	33.50 2.11 0.00	36.73 2.47 0.00	35.22 2.63 -0.21	33.10 2.60 0.00	27.59 2.28 -1.02	30.54 2.37 -4.03	31.52 2.89 0.00	29.35 2.71 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.40 3.02 0.00	32.48 2.55 0.00	35.18 2.59 0.00	52.69 3.52 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.79 1.61 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.12 2.61 0.00	27.61 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.36 2.73 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.42 3.03 0.00	32.49 2.57 0.00	35.18 2.60 0.00	52.69 3.52 0.00
RAVENSWOOD_GT_9 24257	30.79 1.61 0.00	23.79 0.99 -6.06	21.32 0.65 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.12 2.61 0.00	27.61 2.29 -1.02	30.56 2.39 -4.03	31.54 2.91 0.00	29.36 2.73 0.00	33.25 3.07 0.00	41.14 3.50 0.00	37.42 3.03 0.00	32.49 2.57 0.00	35.18 2.60 0.00	52.69 3.52 0.00

RAVENSWOOD___1 23533	30.85 1.68 0.00	23.82 1.03 -6.06	21.34 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.33	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.76 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.79 2.53 0.00	35.27 2.68 -0.21	33.21 2.70 0.00	27.71 2.39 -1.02	30.64 2.47 -4.03	31.63 3.00 0.00	29.44 2.81 0.00	33.32 3.14 0.00	41.22 3.59 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.26 2.68 0.00	52.78 3.61 0.00
RAVENSWOOD___2 23534	30.85 1.68 0.00	23.82 1.03 -6.06	21.34 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.33	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.76 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.79 2.53 0.00	35.27 2.68 -0.21	33.21 2.70 0.00	27.71 2.39 -1.02	30.64 2.47 -4.03	31.63 3.00 0.00	29.44 2.81 0.00	33.32 3.14 0.00	41.22 3.59 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.26 2.68 0.00	52.78 3.61 0.00
RAVENSWOOD___3 23535	30.79 1.61 0.00	23.79 0.99 -6.06	21.32 0.64 -9.62	21.85 0.62 -10.66	22.56 0.78 -8.33	19.91 -0.08 -21.36	20.24 0.88 -4.84	26.37 1.39 0.00	26.71 1.60 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.23 2.64 -0.21	33.11 2.61 0.00	27.61 2.30 -1.02	30.57 2.39 -4.03	31.54 2.91 0.00	29.37 2.73 0.00	33.26 3.08 0.00	41.15 3.51 0.00	37.42 3.04 0.00	32.50 2.57 0.00	35.19 2.61 0.00	52.70 3.54 0.00
RAVENSWOOD___4 23820	30.85 1.68 0.00	23.82 1.03 -6.06	21.34 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.33	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.76 1.64 0.00	31.60 1.93 0.00	33.55 2.16 0.00	36.79 2.53 0.00	35.27 2.68 -0.21	33.21 2.70 0.00	27.71 2.39 -1.02	30.64 2.47 -4.03	31.63 3.00 0.00	29.44 2.81 0.00	33.32 3.14 0.00	41.22 3.59 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.26 2.68 0.00	52.78 3.61 0.00
RCPL_TRUST___DRP 24196	30.76 1.59 0.00	23.77 0.97 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.86 -4.84	26.35 1.38 0.00	26.70 1.58 0.00	31.55 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.24 2.65 -0.21	33.12 2.61 0.00	27.61 2.29 -1.02	30.57 2.40 -4.03	31.55 2.92 0.00	29.37 2.74 0.00	33.26 3.08 0.00	41.16 3.52 0.00	37.39 3.00 0.00	32.46 2.54 0.00	35.14 2.56 0.00	52.62 3.46 0.00
RED___ROCHESTER 323720	26.48 -0.54 2.16	17.07 -0.33 -0.66	11.86 -0.25 -1.05	11.50 -0.24 -1.17	13.98 -0.38 -0.91	1.00 0.02 -2.34	14.74 -0.30 -0.53	24.30 -0.67 0.00	24.53 -0.59 0.00	29.34 -0.33 0.00	31.17 -0.22 0.00	34.00 -0.26 0.00	32.04 -0.37 -0.02	29.93 -0.57 0.00	23.85 -0.55 -0.11	23.95 -0.35 -0.15	28.32 -0.31 0.00	26.21 -0.42 0.00	29.76 -0.42 0.00	37.28 -0.36 0.00	33.98 -0.41 0.00	29.63 -0.29 0.00	32.34 -0.24 0.00	48.83 -0.34 0.00
REGAN___SOLAR 323812	31.75 2.57 0.00	27.07 1.45 -8.89	26.07 0.91 -14.09	27.07 0.87 -15.63	26.73 1.07 -12.21	29.83 -0.11 -31.30	22.76 1.15 -7.10	26.87 1.90 0.00	27.22 2.11 0.00	31.11 1.44 0.00	33.43 2.04 0.00	36.53 2.26 0.00	35.40 2.71 -0.31	33.54 3.03 0.00	27.96 2.18 -1.49	28.47 2.34 -2.00	31.34 2.71 0.00	29.18 2.54 0.00	33.15 2.97 0.00	41.71 4.07 0.00	38.10 3.71 0.00	33.10 3.17 0.00	35.95 3.36 0.00	54.10 4.93 0.00
RENSSELAER___COGEN 23796	30.21 1.04 0.00	25.18 0.64 -7.80	23.88 0.44 -12.37	24.72 0.43 -13.73	24.72 0.54 -10.72	26.07 -0.06 -27.48	21.33 0.59 -6.23	25.90 0.92 0.00	25.92 0.80 0.00	30.41 0.74 0.00	32.15 0.76 0.00	35.17 0.90 0.00	33.60 0.94 -0.27	31.40 0.89 0.00	26.38 0.78 -1.31	27.10 0.77 -2.19	29.48 0.85 0.00	27.40 0.77 0.00	31.09 0.91 0.00	38.64 1.00 0.00	35.31 0.93 0.00	30.69 0.76 0.00	33.41 0.83 0.00	50.14 0.98 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.89 3.71 0.00	26.78 1.96 -8.09	25.22 1.32 -12.84	26.09 1.29 -14.24	26.18 1.61 -11.12	26.98 -0.16 -28.51	22.68 1.71 -6.46	28.27 3.29 0.00	28.50 3.39 0.00	33.91 4.24 0.00	36.06 4.67 0.00	39.53 5.27 0.00	37.53 4.87 -0.28	34.68 4.17 0.00	28.57 2.92 -1.35	29.23 2.87 -2.23	32.07 3.44 0.00	29.80 3.16 0.00	34.06 3.88 0.00	42.82 5.18 0.00	39.51 5.12 0.00	34.31 4.38 0.00	37.52 4.94 0.00	56.05 6.88 0.00
REVERE_CPPR_DRP 24186	29.81 0.64 0.00	17.35 0.35 -0.27	11.67 0.18 -0.43	11.23 0.19 -0.48	14.09 0.27 -0.37	-0.44 -0.03 -0.96	14.99 0.26 -0.22	25.41 0.44 0.00	25.61 0.50 0.00	30.33 0.66 0.00	32.20 0.81 0.00	35.18 0.92 0.00	33.21 0.83 -0.01	31.22 0.72 0.00	24.87 0.53 -0.05	25.80 0.56 -1.09	29.28 0.65 0.00	27.30 0.66 0.00	31.00 0.82 0.00	38.64 1.00 0.00	35.43 1.02 -0.03	30.80 0.87 0.00	33.47 0.89 0.00	50.41 1.25 0.00
REYNOLDS_115KV_TB3 80639	30.33 1.16 0.00	25.26 0.71 -7.81	23.95 0.49 -12.40	24.78 0.47 -13.75	24.79 0.60 -10.74	26.10 -0.06 -27.53	21.40 0.65 -6.24	26.00 1.02 0.00	26.08 0.97 0.00	30.68 1.01 0.00	32.43 1.04 0.00	35.48 1.21 0.00	33.89 1.23 -0.27	31.64 1.13 0.00	26.54 0.94 -1.31	27.29 0.94 -2.21	29.68 1.05 0.00	27.58 0.94 0.00	31.28 1.10 0.00	38.89 1.25 0.00	35.54 1.16 0.00	30.89 0.96 0.00	33.66 1.08 0.00	50.47 1.31 0.00
RIVERBAY____ 323610	30.89 1.71 0.00	23.82 1.03 -6.06	21.34 0.66 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.34	19.91 -0.09 -21.36	20.26 0.90 -4.85	26.41 1.43 0.00	26.78 1.66 0.00	31.60 1.93 0.00	33.58 2.18 0.00	36.71 2.44 0.00	35.18 2.59 -0.21	33.19 2.68 0.00	27.65 2.34 -1.02	30.56 2.39 -4.03	31.52 2.89 0.00	29.38 2.74 0.00	33.25 3.07 0.00	41.17 3.53 0.00	37.51 3.12 0.00	32.58 2.65 0.00	35.31 2.72 0.00	52.83 3.66 0.00
RIVERSDE_115KV_TB3 55908	30.31 1.14 0.00	25.27 0.69 -7.84	23.97 0.48 -12.43	24.81 0.46 -13.78	24.80 0.59 -10.77	26.18 -0.06 -27.60	21.41 0.64 -6.26	25.98 1.00 0.00	26.02 0.91 0.00	30.57 0.89 0.00	32.31 0.93 0.00	35.36 1.09 0.00	33.77 1.12 -0.27	31.55 1.04 0.00	26.49 0.89 -1.31	27.23 0.88 -2.20	29.60 0.97 0.00	27.52 0.88 0.00	31.22 1.04 0.00	38.81 1.17 0.00	35.47 1.08 0.00	30.83 0.90 0.00	33.57 0.99 0.00	50.36 1.20 0.00
ROARING___BROOK_WT_PWR 323790	28.68 -0.49 0.00	16.32 -0.41 0.00	10.76 -0.30 0.00	10.30 -0.26 0.00	13.17 -0.27 0.00	-1.34 0.03 0.00	14.16 -0.35 0.00	24.38 -0.60 0.00	24.45 -0.67 0.00	28.75 -0.93 0.00	30.43 -0.97 0.00	33.19 -1.07 0.00	31.24 -1.14 0.00	29.49 -1.01 0.00	23.47 -0.83 0.00	23.34 -0.81 -0.01	27.71 -0.92 0.00	25.81 -0.83 0.00	29.24 -0.94 0.00	36.63 -1.01 0.00	33.61 -0.77 0.00	29.26 -0.67 0.00	31.86 -0.72 0.00	48.21 -0.95 0.00
ROCHESRG_115KV_T4 355643	26.19 -0.86 2.13	16.90 -0.49 -0.66	11.74 -0.36 -1.05	11.39 -0.33 -1.16	13.85 -0.50 -0.91	1.00 0.04 -2.32	14.61 -0.43 -0.53	24.06 -0.92 0.00	24.26 -0.86 0.00	28.99 -0.68 0.00	30.77 -0.62 0.00	33.52 -0.71 0.04	31.60 -0.80 -0.02	29.51 -1.00 0.00	23.53 -0.87 -0.11	23.61 -0.68 -0.15	27.92 -0.71 0.00	25.84 -0.80 0.00	29.35 -0.83 0.00	36.72 -0.92 0.00	33.46 -0.93 0.00	29.20 -0.72 0.00	31.87 -0.71 0.00	48.15 -1.02 0.00

ROCHESTER_9_IC 23652	26.33 -0.69 2.16	17.00 -0.40 -0.66	11.81 -0.31 -1.05	11.45 -0.28 -1.17	13.93 -0.43 -0.91	1.01 0.03 -2.34	14.68 -0.36 -0.53	24.19 -0.79 0.00	24.40 -0.71 0.00	29.18 -0.49 0.00	30.99 -0.40 0.00	33.80 -0.47 0.00	31.83 -0.58 -0.02	29.72 -0.78 0.00	23.70 -0.70 -0.11	23.78 -0.51 -0.15	28.13 -0.50 0.00	26.03 -0.60 0.00	29.58 -0.60 0.00	37.02 -0.62 0.00	33.73 -0.65 0.00	29.44 -0.49 0.00	32.12 -0.46 0.00	48.51 -0.66 0.00
ROCKVIEW_13_KV_LD 356306	30.79 1.61 0.00	23.78 0.98 -6.06	21.32 0.64 -9.62	21.84 0.61 -10.66	22.55 0.77 -8.33	19.91 -0.08 -21.36	20.23 0.87 -4.84	26.37 1.39 0.00	26.69 1.58 0.00	31.56 1.88 0.00	33.51 2.12 0.00	36.74 2.48 0.00	35.22 2.63 -0.21	33.07 2.57 0.00	27.56 2.24 -1.02	30.50 2.34 -4.02	31.47 2.85 0.00	29.30 2.67 0.00	33.19 3.01 0.00	41.09 3.45 0.00	37.37 2.99 0.00	32.45 2.52 0.00	35.17 2.58 0.00	52.66 3.50 0.00
ROME____115KV_TB2 80656	29.81 0.64 0.00	17.35 0.35 -0.27	11.67 0.18 -0.43	11.23 0.19 -0.48	14.09 0.27 -0.37	-0.44 -0.03 -0.96	14.99 0.26 -0.22	25.41 0.44 0.00	25.61 0.50 0.00	30.33 0.66 0.00	32.20 0.81 0.00	35.18 0.92 0.00	33.21 0.83 -0.01	31.22 0.72 0.00	24.87 0.53 -0.05	25.80 0.56 -1.09	29.28 0.65 0.00	27.30 0.66 0.00	31.00 0.82 0.00	38.64 1.00 0.00	35.43 1.02 -0.03	30.80 0.87 0.00	33.47 0.89 0.00	50.41 1.25 0.00
ROSETON____1 23587	30.37 1.20 0.00	23.57 0.74 -6.10	21.23 0.49 -9.68	21.77 0.46 -10.74	22.42 0.59 -8.39	20.07 -0.06 -21.50	20.04 0.65 -4.87	26.01 1.03 0.00	26.28 1.17 0.00	31.05 1.38 0.00	32.93 1.54 0.00	36.09 1.82 0.00	34.53 1.94 -0.21	32.47 1.97 0.00	27.03 1.72 -1.02	27.29 1.78 -1.37	30.78 2.15 0.00	28.65 2.01 0.00	32.47 2.30 0.00	40.24 2.61 0.00	36.67 2.29 0.00	31.84 1.92 0.00	34.55 1.96 0.00	51.82 2.65 0.00
ROSETON____2 23588	30.37 1.20 0.00	23.57 0.74 -6.10	21.23 0.49 -9.68	21.77 0.46 -10.74	22.42 0.59 -8.39	20.07 -0.06 -21.50	20.04 0.65 -4.87	26.01 1.03 0.00	26.28 1.17 0.00	31.05 1.38 0.00	32.93 1.54 0.00	36.09 1.82 0.00	34.53 1.94 -0.21	32.47 1.97 0.00	27.03 1.72 -1.02	27.29 1.78 -1.37	30.78 2.15 0.00	28.65 2.01 0.00	32.47 2.30 0.00	40.24 2.61 0.00	36.67 2.29 0.00	31.84 1.92 0.00	34.55 1.96 0.00	51.82 2.65 0.00
ROTTDAM_115KV_TB3 80664	30.22 1.05 0.00	25.54 0.62 -8.19	24.46 0.41 -12.99	25.36 0.40 -14.40	25.20 0.50 -11.26	27.43 -0.05 -28.85	21.60 0.55 -6.54	25.87 0.90 0.00	26.07 0.96 0.00	30.78 1.11 0.00	32.53 1.14 0.00	35.61 1.34 0.00	33.98 1.31 -0.29	31.73 1.23 0.00	26.66 1.00 -1.37	27.37 1.01 -2.23	29.82 1.20 0.00	27.73 1.09 0.00	31.48 1.30 0.00	39.18 1.54 0.00	35.83 1.44 0.00	31.15 1.23 0.00	33.92 1.34 0.00	50.99 1.82 0.00
RUSSELL____1 23602	26.47 -0.54 2.16	17.07 -0.32 -0.66	11.86 -0.25 -1.05	11.50 -0.24 -1.17	13.98 -0.37 -0.91	1.00 0.02 -2.34	14.74 -0.30 -0.53	24.30 -0.67 0.00	24.52 -0.59 0.00	29.33 -0.34 0.00	31.16 -0.23 0.00	34.00 -0.27 0.00	32.02 -0.38 -0.02	29.91 -0.59 0.00	23.85 -0.55 -0.11	23.94 -0.36 -0.15	28.32 -0.31 0.00	26.21 -0.43 0.00	29.77 -0.40 0.00	37.28 -0.36 0.00	33.97 -0.41 0.00	29.65 -0.28 0.00	32.34 -0.24 0.00	48.83 -0.34 0.00
RUSSELL____2 23532	26.47 -0.54 2.16	17.07 -0.32 -0.66	11.86 -0.25 -1.05	11.50 -0.24 -1.17	13.98 -0.37 -0.91	1.00 0.02 -2.34	14.74 -0.30 -0.53	24.30 -0.67 0.00	24.52 -0.59 0.00	29.33 -0.34 0.00	31.16 -0.23 0.00	34.00 -0.27 0.00	32.02 -0.38 -0.02	29.91 -0.59 0.00	23.85 -0.55 -0.11	23.94 -0.36 -0.15	28.32 -0.31 0.00	26.21 -0.43 0.00	29.77 -0.40 0.00	37.28 -0.36 0.00	33.97 -0.41 0.00	29.65 -0.28 0.00	32.34 -0.24 0.00	48.83 -0.34 0.00
RUSSELL____3 23549	26.47 -0.54 2.16	17.07 -0.32 -0.66	11.86 -0.25 -1.05	11.50 -0.24 -1.17	13.98 -0.37 -0.91	1.00 0.02 -2.34	14.74 -0.30 -0.53	24.30 -0.67 0.00	24.52 -0.59 0.00	29.33 -0.34 0.00	31.16 -0.23 0.00	34.00 -0.27 0.00	32.02 -0.38 -0.02	29.91 -0.59 0.00	23.85 -0.55 -0.11	23.94 -0.36 -0.15	28.32 -0.31 0.00	26.21 -0.43 0.00	29.77 -0.40 0.00	37.28 -0.36 0.00	33.97 -0.41 0.00	29.65 -0.28 0.00	32.34 -0.24 0.00	48.83 -0.34 0.00
RUSSELL____4 23556	26.47 -0.54 2.16	17.07 -0.32 -0.66	11.86 -0.25 -1.05	11.50 -0.24 -1.17	13.98 -0.37 -0.91	1.00 0.02 -2.34	14.74 -0.30 -0.53	24.30 -0.67 0.00	24.52 -0.59 0.00	29.33 -0.34 0.00	31.16 -0.23 0.00	34.00 -0.27 0.00	32.02 -0.38 -0.02	29.91 -0.59 0.00	23.85 -0.55 -0.11	23.94 -0.36 -0.15	28.32 -0.31 0.00	26.21 -0.43 0.00	29.77 -0.40 0.00	37.28 -0.36 0.00	33.97 -0.41 0.00	29.65 -0.28 0.00	32.34 -0.24 0.00	48.83 -0.34 0.00
RUSSELL____STATION 23914	26.47 -0.54 2.16	17.07 -0.32 -0.66	11.86 -0.25 -1.05	11.50 -0.24 -1.17	13.98 -0.37 -0.91	1.00 0.02 -2.34	14.74 -0.30 -0.53	24.30 -0.67 0.00	24.52 -0.59 0.00	29.33 -0.34 0.00	31.16 -0.23 0.00	34.00 -0.27 0.00	32.02 -0.38 -0.02	29.91 -0.59 0.00	23.85 -0.55 -0.11	23.94 -0.36 -0.15	28.32 -0.31 0.00	26.21 -0.43 0.00	29.77 -0.40 0.00	37.28 -0.36 0.00	33.97 -0.41 0.00	29.65 -0.28 0.00	32.34 -0.24 0.00	48.83 -0.34 0.00
S SALMON____HYD 24043	28.63 -0.54 0.00	16.78 -0.33 -0.38	11.35 -0.31 -0.60	10.96 -0.28 -0.67	13.67 -0.30 -0.52	0.00 0.02 -1.34	14.41 -0.41 -0.31	24.24 -0.73 0.00	24.48 -0.63 0.00	29.16 -0.51 0.00	30.87 -0.52 0.00	33.66 -0.60 0.00	31.71 -0.68 -0.01	29.72 -0.79 0.00	23.68 -0.68 -0.06	22.46 -0.73 0.95	27.78 -0.84 0.00	25.87 -0.76 0.00	29.40 -0.78 0.00	36.63 -1.01 0.00	33.69 -0.83 -0.13	29.25 -0.67 0.00	31.87 -0.72 0.00	48.26 -0.91 0.00
S.PERRY__115KV_TB1 80734	23.09 -0.42 5.66	17.44 -0.25 -0.96	12.34 -0.25 -1.53	12.04 -0.22 -1.69	14.41 -0.36 -1.32	2.05 0.02 -3.39	15.04 -0.24 -0.77	24.43 -0.55 0.00	24.69 -0.42 0.00	29.48 -0.19 0.00	31.31 -0.08 0.00	38.01 -0.06 -3.81	48.87 -0.20 -16.69	72.90 -0.52 -42.91	25.02 -0.66 -1.39	23.98 -0.39 -0.22	28.50 -0.13 0.00	26.32 -0.31 0.00	29.97 -0.21 0.00	37.71 0.07 0.00	34.55 0.16 0.00	30.15 0.23 0.00	32.91 0.33 0.00	49.54 0.37 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.80 -1.63 3.75	16.71 -0.90 -0.87	11.78 -0.66 -1.38	11.49 -0.61 -1.53	13.75 -0.89 -1.20	1.77 0.07 -3.07	14.41 -0.80 -0.69	23.30 -1.68 0.00	23.45 -1.67 0.00	28.18 -1.50 0.00	29.91 -1.48 0.00	31.56 -1.64 1.06	26.16 -1.67 4.55	17.14 -1.87 11.49	22.44 -1.69 0.17	22.95 -1.40 -0.20	27.17 -1.47 0.00	25.02 -1.61 0.00	28.45 -1.73 0.00	35.72 -1.92 0.00	32.48 -1.91 0.00	28.38 -1.55 0.00	31.05 -1.53 0.00	46.88 -2.29 0.00
SAWYER____23_KV_LOAD 55526	23.80 -1.63 3.75	16.71 -0.90 -0.87	11.78 -0.66 -1.38	11.49 -0.61 -1.53	13.75 -0.89 -1.20	1.77 0.07 -3.07	14.41 -0.80 -0.69	23.30 -1.68 0.00	23.45 -1.67 0.00	28.18 -1.50 0.00	29.91 -1.48 0.00	31.56 -1.64 1.06	26.16 -1.67 4.55	17.14 -1.87 11.49	22.44 -1.69 0.17	22.95 -1.40 -0.20	27.17 -1.47 0.00	25.02 -1.61 0.00	28.45 -1.73 0.00	35.72 -1.92 0.00	32.48 -1.91 0.00	28.38 -1.55 0.00	31.05 -1.53 0.00	46.88 -2.29 0.00

SELKIRK___I 23801	30.26 1.09 0.00	25.07 0.67 -7.67	23.68 0.46 -12.16	24.49 0.44 -13.49	24.55 0.56 -10.54	25.59 -0.06 -27.01	21.24 0.61 -6.12	25.95 0.97 0.00	26.03 0.92 0.00	30.61 0.94 0.00	32.32 0.93 0.00	35.32 1.05 0.00	33.70 1.05 -0.27	31.50 1.00 0.00	26.44 0.86 -1.28	27.10 0.85 -2.11	29.59 0.96 0.00	27.50 0.87 0.00	31.21 1.03 0.00	38.84 1.20 0.00	35.50 1.11 0.00	30.86 0.93 0.00	33.60 1.02 0.00	50.49 1.33 0.00
SELKIRK___II 23799	30.13 0.96 0.00	25.09 0.59 -7.77	23.79 0.40 -12.32	24.62 0.39 -13.66	24.61 0.49 -10.68	25.95 -0.05 -27.36	21.25 0.53 -6.20	25.82 0.84 0.00	25.91 0.80 0.00	30.48 0.81 0.00	32.23 0.84 0.00	35.24 0.98 0.00	33.66 1.01 -0.27	31.46 0.95 0.00	26.42 0.83 -1.30	27.14 0.83 -2.17	29.57 0.94 0.00	27.49 0.86 0.00	31.18 1.00 0.00	38.77 1.13 0.00	35.41 1.03 0.00	30.78 0.85 0.00	33.51 0.92 0.00	50.32 1.15 0.00
SENECA OSWGO___HYD 24041	28.66 -0.51 0.00	16.88 -0.28 -0.43	11.53 -0.21 -0.68	11.12 -0.20 -0.75	13.78 -0.26 -0.59	0.17 0.02 -1.51	14.59 -0.26 -0.34	24.49 -0.49 0.00	24.67 -0.45 0.00	29.28 -0.39 0.00	30.99 -0.40 0.00	33.82 -0.45 0.00	31.92 -0.47 -0.02	29.94 -0.57 0.00	23.87 -0.49 -0.07	23.55 -0.47 0.12	28.08 -0.55 0.00	26.13 -0.51 0.00	29.63 -0.55 0.00	36.94 -0.70 0.00	33.91 -0.65 -0.18	29.38 -0.55 0.00	32.04 -0.55 0.00	48.64 -0.53 0.00
SENECA___115KV_TB3 355854	23.68 -1.43 4.06	16.90 -0.75 -0.91	11.93 -0.58 -1.45	11.63 -0.54 -1.61	13.91 -0.79 -1.25	1.91 0.06 -3.21	14.55 -0.69 -0.73	23.53 -1.45 0.00	23.67 -1.44 0.00	28.45 -1.22 0.00	30.22 -1.17 0.00	31.88 -1.27 1.11	26.33 -1.29 4.76	17.01 -1.49 12.01	22.71 -1.40 0.18	23.22 -1.13 -0.21	27.49 -1.14 0.00	25.36 -1.28 0.00	28.86 -1.32 0.00	36.23 -1.41 0.00	32.96 -1.43 0.00	28.78 -1.15 0.00	31.47 -1.11 0.00	47.51 -1.66 0.00
SENECA___ENERGY 23797	28.57 -0.60 0.00	17.14 -0.30 -0.70	11.95 -0.23 -1.12	11.58 -0.22 -1.24	14.09 -0.33 -0.97	1.14 0.03 -2.48	14.81 -0.26 -0.56	24.47 -0.51 0.00	24.66 -0.46 0.00	29.33 -0.35 0.00	31.12 -0.27 0.00	34.25 -0.31 -0.29	33.38 -0.30 -1.30	33.26 -0.50 -3.25	24.04 -0.47 -0.21	23.91 -0.39 -0.15	28.30 -0.33 0.00	26.28 -0.36 0.00	29.83 -0.35 0.00	37.25 -0.39 0.00	34.06 -0.40 -0.07	29.68 -0.24 0.00	32.31 -0.28 0.00	48.86 -0.31 0.00
SHOEMAKER___GT 23640	30.23 1.06 0.00	22.78 0.64 -5.40	20.05 0.41 -8.57	20.47 0.40 -9.50	21.37 0.50 -7.43	17.61 -0.06 -19.03	19.38 0.56 -4.32	25.86 0.88 0.00	26.13 1.01 0.00	30.87 1.20 0.00	32.75 1.35 0.00	35.86 1.59 0.00	34.23 1.66 -0.19	32.18 1.67 0.00	26.71 1.51 -0.91	24.58 1.57 1.13	30.55 1.91 0.00	28.44 1.80 0.00	32.24 2.06 0.00	39.99 2.35 0.00	36.46 2.08 0.00	31.67 1.74 0.00	34.36 1.77 0.00	51.57 2.40 0.00
SHOEMAKR_138KV_BK 111 55601	30.22 1.05 0.00	22.73 0.64 -5.36	19.96 0.41 -8.49	20.38 0.40 -9.42	21.30 0.50 -7.36	17.44 -0.06 -18.86	19.35 0.56 -4.28	25.86 0.88 0.00	26.12 1.01 0.00	30.88 1.20 0.00	32.75 1.35 0.00	35.86 1.60 0.00	34.25 1.69 -0.19	32.21 1.70 0.00	26.72 1.52 -0.90	24.71 1.59 1.03	30.56 1.93 0.00	28.45 1.82 0.00	32.24 2.06 0.00	40.00 2.36 0.00	36.47 2.08 0.00	31.66 1.74 0.00	34.36 1.77 0.00	51.57 2.40 0.00
SHOREHAM_IC_1 23715	31.19 2.02 0.00	25.26 1.28 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.94 1.12 -24.38	38.75 -0.12 -40.23	38.00 1.23 -22.26	26.81 1.83 0.00	32.12 1.95 -5.06	38.55 2.33 -6.55	36.52 2.58 -2.55	36.97 2.71 0.00	35.47 2.88 -0.21	35.12 2.95 -1.66	32.35 2.65 -5.40	48.90 2.73 -22.03	51.91 3.29 -19.99	29.62 2.98 0.00	33.64 3.47 0.00	41.50 3.86 0.00	37.64 3.25 0.00	32.63 2.71 0.00	35.29 2.70 0.00	52.64 3.47 0.00
SHOREHAM_IC_2 23716	31.19 2.02 0.00	25.26 1.28 -7.24	22.95 0.90 -10.99	36.12 0.88 -24.68	38.94 1.12 -24.38	38.75 -0.12 -40.23	38.00 1.23 -22.26	26.81 1.83 0.00	32.12 1.95 -5.06	38.55 2.33 -6.55	36.52 2.58 -2.55	36.97 2.71 0.00	35.47 2.88 -0.21	35.12 2.95 -1.66	32.35 2.65 -5.40	48.90 2.73 -22.03	51.91 3.29 -19.99	29.62 2.98 0.00	33.64 3.47 0.00	41.50 3.86 0.00	37.64 3.25 0.00	32.63 2.71 0.00	35.29 2.70 0.00	52.64 3.47 0.00
SISSONVILLE____ 23735	28.57 -0.60 0.00	16.26 -0.47 0.00	10.70 -0.36 0.00	10.22 -0.35 0.00	13.04 -0.40 0.00	-1.32 0.04 0.00	14.02 -0.50 0.00	24.26 -0.72 0.00	24.37 -0.74 0.00	28.74 -0.94 0.00	30.33 -1.07 0.00	32.96 -1.30 0.00	31.02 -1.37 0.00	29.38 -1.12 0.00	23.30 -0.99 0.00	21.07 -1.39 1.68	26.99 -1.64 0.00	25.16 -1.47 0.00	28.55 -1.63 0.00	35.81 -1.83 0.00	32.87 -1.53 -0.02	28.68 -1.24 0.00	31.17 -1.42 0.00	46.90 -2.26 0.00
SITHE_IND_GS1 24169	28.41 -0.76 0.00	16.65 -0.42 -0.34	11.31 -0.29 -0.54	10.89 -0.28 -0.60	13.55 -0.36 -0.47	-0.14 0.03 -1.19	14.41 -0.37 -0.27	24.30 -0.67 0.00	24.47 -0.65 0.00	28.98 -0.69 0.00	30.67 -0.72 0.00	33.44 -0.83 0.00	31.56 -0.83 -0.01	29.60 -0.91 0.00	23.58 -0.77 -0.06	23.45 -0.77 -0.08	27.71 -0.92 0.00	25.76 -0.88 0.00	29.21 -0.97 0.00	36.42 -1.22 0.00	32.74 -1.13 0.52	28.97 -0.96 0.00	31.62 -0.97 0.00	48.09 -1.07 0.00
SITHE_IND_GS2 24170	28.41 -0.76 0.00	16.65 -0.42 -0.34	11.31 -0.29 -0.54	10.89 -0.28 -0.60	13.55 -0.36 -0.47	-0.14 0.03 -1.19	14.41 -0.37 -0.27	24.30 -0.67 0.00	24.47 -0.65 0.00	28.98 -0.69 0.00	30.67 -0.72 0.00	33.44 -0.83 0.00	31.56 -0.83 -0.01	29.60 -0.91 0.00	23.58 -0.77 -0.06	23.45 -0.77 -0.08	27.71 -0.92 0.00	25.76 -0.88 0.00	29.21 -0.97 0.00	36.42 -1.22 0.00	32.74 -1.13 0.52	28.97 -0.96 0.00	31.62 -0.97 0.00	48.09 -1.07 0.00
SITHE_IND_GS3 24171	28.41 -0.76 0.00	16.65 -0.42 -0.34	11.31 -0.29 -0.54	10.89 -0.28 -0.60	13.55 -0.36 -0.47	-0.14 0.03 -1.19	14.41 -0.37 -0.27	24.30 -0.67 0.00	24.47 -0.65 0.00	28.98 -0.69 0.00	30.67 -0.72 0.00	33.44 -0.83 0.00	31.56 -0.83 -0.01	29.60 -0.91 0.00	23.58 -0.77 -0.06	23.45 -0.77 -0.08	27.71 -0.92 0.00	25.76 -0.88 0.00	29.21 -0.97 0.00	36.42 -1.22 0.00	32.74 -1.13 0.52	28.97 -0.96 0.00	31.62 -0.97 0.00	48.09 -1.07 0.00
SITHE_IND_GS4 24172	28.41 -0.76 0.00	16.65 -0.42 -0.34	11.31 -0.29 -0.54	10.89 -0.28 -0.60	13.55 -0.36 -0.47	-0.14 0.03 -1.19	14.41 -0.37 -0.27	24.30 -0.67 0.00	24.47 -0.65 0.00	28.98 -0.69 0.00	30.67 -0.72 0.00	33.44 -0.83 0.00	31.56 -0.83 -0.01	29.60 -0.91 0.00	23.58 -0.77 -0.06	23.45 -0.77 -0.08	27.71 -0.92 0.00	25.76 -0.88 0.00	29.21 -0.97 0.00	36.42 -1.22 0.00	32.74 -1.13 0.52	28.97 -0.96 0.00	31.62 -0.97 0.00	48.09 -1.07 0.00
SITHE___BATAVIA 24024	25.70 -0.56 2.91	17.15 -0.35 -0.76	11.97 -0.31 -1.21	11.63 -0.28 -1.34	14.04 -0.46 -1.05	1.35 0.03 -2.69	14.80 -0.32 -0.61	24.19 -0.79 0.00	24.42 -0.69 0.00	29.30 -0.37 0.00	31.14 -0.25 0.00	33.44 -0.28 0.55	29.76 -0.31 2.31	24.15 -0.54 5.80	23.57 -0.69 0.03	23.97 -0.35 -0.18	28.33 -0.29 0.00	26.16 -0.48 0.00	29.67 -0.51 0.00	37.17 -0.47 0.00	33.91 -0.48 0.00	29.61 -0.32 0.00	32.35 -0.23 0.00	48.77 -0.40 0.00

SITHE___INDEPEND 23800	28.41 -0.76 0.00	16.65 -0.42 -0.34	11.31 -0.29 -0.54	10.88 -0.28 -0.60	13.55 -0.36 -0.47	-0.14 0.04 -1.19	14.41 -0.37 -0.27	24.30 -0.67 0.00	24.47 -0.65 0.00	28.98 -0.69 0.00	30.67 -0.72 0.00	33.44 -0.83 0.00	31.56 -0.83 -0.01	29.59 -0.91 0.00	23.58 -0.77 -0.06	23.45 -0.77 -0.08	27.71 -0.92 0.00	25.76 -0.88 0.00	29.22 -0.96 0.00	36.42 -1.22 0.00	32.74 -1.13 0.52	28.97 -0.95 0.00	31.61 -0.97 0.00	48.09 -1.08 0.00
SITHE___MASSENA 23902	29.03 -0.15 0.00	16.56 -0.17 0.00	10.94 -0.12 0.00	10.44 -0.13 0.00	13.29 -0.15 0.00	-1.35 0.02 0.00	14.33 -0.18 0.00	24.78 -0.20 0.00	24.86 -0.25 0.00	29.30 -0.38 0.00	30.91 -0.48 0.00	33.60 -0.67 0.00	31.65 -0.73 0.00	29.96 -0.54 0.00	23.80 -0.49 0.00	22.39 -0.79 0.96	27.69 -0.94 0.00	25.79 -0.84 0.00	29.21 -0.97 0.00	36.62 -1.02 0.00	33.53 -0.86 0.00	29.23 -0.70 0.00	31.79 -0.79 0.00	47.90 -1.27 0.00
SITHE___OGDNSBRG 24021	29.24 0.07 0.00	16.66 -0.07 0.00	10.99 -0.07 0.00	10.49 -0.08 0.00	13.37 -0.08 0.00	-1.35 0.01 0.00	14.41 -0.10 0.00	24.95 -0.03 0.00	25.03 -0.08 0.00	29.48 -0.19 0.00	31.11 -0.28 0.00	33.80 -0.46 0.00	31.84 -0.54 0.00	30.18 -0.33 0.00	23.94 -0.35 0.00	22.02 -0.72 1.40	27.81 -0.82 0.00	25.90 -0.74 0.00	29.41 -0.77 0.00	36.90 -0.74 0.00	33.81 -0.57 0.00	29.50 -0.43 0.00	32.05 -0.54 0.00	48.20 -0.97 0.00
SITHE___STERLING 23777	29.65 0.48 0.00	17.34 0.28 -0.32	11.73 0.16 -0.51	11.29 0.16 -0.57	14.10 0.21 -0.44	-0.25 -0.03 -1.13	14.99 0.22 -0.26	25.34 0.36 0.00	25.52 0.40 0.00	30.21 0.54 0.00	32.09 0.70 0.00	35.06 0.79 0.00	33.12 0.72 -0.01	31.14 0.64 0.00	24.82 0.47 -0.05	25.32 0.51 -0.67	29.22 0.59 0.00	27.23 0.59 0.00	30.91 0.73 0.00	38.52 0.88 0.00	35.28 0.87 -0.03	30.68 0.75 0.00	33.38 0.80 0.00	50.32 1.15 0.00
SLEIGHT___34_KV_TB1 80719	27.44 -0.66 1.07	17.02 -0.36 -0.65	11.82 -0.28 -1.03	11.45 -0.26 -1.14	13.96 -0.38 -0.89	0.95 0.03 -2.29	14.71 -0.33 -0.52	24.32 -0.66 0.00	24.52 -0.59 0.00	29.25 -0.42 0.00	31.06 -0.33 0.00	33.85 -0.42 0.00	31.94 -0.47 -0.02	29.87 -0.64 0.00	23.82 -0.59 -0.11	23.84 -0.45 -0.15	28.20 -0.43 0.00	26.13 -0.50 0.00	29.71 -0.46 0.00	37.14 -0.50 0.00	33.88 -0.53 -0.02	29.54 -0.39 0.00	32.19 -0.40 0.00	48.64 -0.53 0.00
SOUTH CAIRO___GT 23612	31.37 2.20 0.00	25.37 1.30 -7.34	23.55 0.85 -11.64	24.28 0.81 -12.91	24.55 1.02 -10.09	24.38 -0.10 -25.85	21.50 1.13 -5.86	26.89 1.91 0.00	27.02 1.90 0.00	31.77 2.10 0.00	33.47 2.08 0.00	36.46 2.19 0.00	34.70 2.06 -0.26	32.49 1.98 0.00	27.16 1.64 -1.23	27.48 1.69 -1.65	30.55 1.92 0.00	28.37 1.73 0.00	32.26 2.08 0.00	40.19 2.55 0.00	36.78 2.40 0.00	31.94 2.01 0.00	34.79 2.20 0.00	52.14 2.97 0.00
SOUTH HAMPTN___IC 23720	31.66 2.48 0.00	25.51 1.53 -7.24	23.10 1.05 -10.99	36.26 1.02 -24.68	39.11 1.29 -24.38	38.73 -0.14 -40.23	38.18 1.41 -22.26	27.14 2.17 0.00	32.50 2.33 -5.06	39.03 2.81 -6.55	37.03 3.09 -2.55	37.58 3.32 0.00	36.06 3.47 -0.21	35.72 3.56 -1.66	32.81 3.12 -5.40	49.35 3.18 -22.03	52.40 3.79 -19.99	30.09 3.45 0.00	34.13 3.95 0.00	42.09 4.45 0.00	38.16 3.78 0.00	33.04 3.11 0.00	35.69 3.11 0.00	53.22 4.06 0.00
SOUTHDOW___115KV_TB1 355954	23.16 -1.26 4.76	17.17 -0.55 -0.99	12.14 -0.49 -1.57	11.88 -0.42 -1.74	14.15 -0.65 -1.36	2.17 0.05 -3.48	14.78 -0.52 -0.79	23.93 -1.04 0.00	24.19 -0.93 0.00	29.07 -0.60 0.00	30.89 -0.50 0.00	33.14 -0.50 0.62	29.25 -0.54 2.59	23.26 -0.82 6.42	23.32 -0.97 0.00	23.68 -0.70 -0.23	28.32 -0.31 0.00	26.22 -0.41 0.00	29.93 -0.24 0.00	37.65 0.01 0.00	34.12 -0.27 0.00	29.72 -0.21 0.00	32.51 -0.07 0.00	49.04 -0.13 0.00
SOUTHOLD_69_KV_BK 2 55809	32.17 3.00 0.00	25.77 1.80 -7.24	23.25 1.20 -10.99	36.41 1.16 -24.67	39.31 1.48 -24.38	38.72 -0.15 -40.23	38.36 1.59 -22.26	27.48 2.50 0.00	32.88 2.70 -5.06	39.47 3.25 -6.55	37.47 3.53 -2.55	38.14 3.87 0.00	36.58 3.99 -0.21	36.29 4.13 -1.66	33.24 3.54 -5.40	49.75 3.58 -22.03	52.82 4.21 -19.98	30.47 3.84 0.00	34.52 4.34 0.00	42.54 4.90 0.00	38.52 4.14 0.00	33.29 3.36 0.00	35.94 3.35 0.00	53.54 4.37 0.00
SOUTHOLD___IC 23719	32.17 3.00 0.00	25.77 1.80 -7.24	23.25 1.20 -10.99	36.41 1.16 -24.68	39.31 1.48 -24.38	38.72 -0.15 -40.23	38.36 1.59 -22.26	27.48 2.50 0.00	32.88 2.70 -5.06	39.47 3.25 -6.55	37.47 3.52 -2.55	38.13 3.87 0.00	36.57 3.98 -0.21	36.28 4.12 -1.66	33.24 3.54 -5.40	49.75 3.58 -22.03	52.82 4.21 -19.99	30.47 3.84 0.00	34.52 4.34 0.00	42.54 4.90 0.00	38.52 4.14 0.00	33.29 3.36 0.00	35.94 3.35 0.00	53.54 4.37 0.00
SOUTH_FORK_WT_PWR 323839	32.22 3.04 0.00	25.79 1.81 -7.24	23.25 1.20 -10.99	36.41 1.17 -24.68	39.32 1.49 -24.38	38.72 -0.15 -40.23	38.35 1.58 -22.26	27.45 2.48 0.00	32.84 2.67 -5.06	39.40 3.18 -6.55	37.37 3.43 -2.55	38.08 3.82 0.00	36.50 3.90 -0.21	36.26 4.10 -1.66	33.20 3.50 -5.40	49.67 3.50 -22.03	52.64 4.02 -19.99	30.30 3.66 0.00	34.25 4.07 0.00	42.20 4.56 0.00	38.18 3.80 0.00	32.98 3.05 0.00	35.58 3.00 0.00	53.00 3.83 0.00
SPIERFLS_115KV_TB 1 80737	31.31 2.13 0.00	26.04 1.21 -8.10	24.71 0.80 -12.85	25.60 0.78 -14.25	25.56 0.98 -11.14	27.08 -0.10 -28.54	22.04 1.06 -6.47	26.88 1.90 0.00	27.10 1.99 0.00	32.08 2.41 0.00	33.76 2.37 0.00	36.96 2.70 0.00	35.08 2.42 -0.28	32.66 2.15 0.00	27.25 1.60 -1.36	27.95 1.58 -2.23	30.52 1.89 0.00	28.36 1.73 0.00	32.46 2.28 0.00	40.53 2.89 0.00	37.28 2.90 0.00	32.42 2.49 0.00	35.36 2.78 0.00	53.04 3.88 0.00
ST LAWRENCE____ 23600	28.79 -0.38 0.00	16.43 -0.30 0.00	10.86 -0.20 0.00	10.37 -0.20 0.00	13.20 -0.25 0.00	-1.34 0.03 0.00	14.22 -0.29 0.00	24.59 -0.39 0.00	24.66 -0.45 0.00	29.07 -0.60 0.00	30.68 -0.71 0.00	33.37 -0.90 0.00	31.44 -0.94 0.00	29.75 -0.76 0.00	23.64 -0.65 0.00	23.06 -0.75 0.33	27.73 -0.90 0.00	25.84 -0.80 0.00	29.23 -0.95 0.00	36.65 -0.99 0.00	33.53 -0.85 0.00	29.23 -0.70 0.00	31.80 -0.78 0.00	47.93 -1.24 0.00
STATE_CA_115KV_115_LB 55624	30.37 1.20 0.00	25.36 0.73 -7.89	24.08 0.50 -12.52	24.93 0.48 -13.88	24.90 0.60 -10.85	26.38 -0.06 -27.81	21.48 0.66 -6.30	26.02 1.04 0.00	26.05 0.94 0.00	30.58 0.91 0.00	32.34 0.95 0.00	35.39 1.12 0.00	33.80 1.15 -0.28	31.58 1.08 0.00	26.55 0.94 -1.32	27.27 0.93 -2.21	29.66 1.03 0.00	27.58 0.94 0.00	31.28 1.10 0.00	38.89 1.25 0.00	35.55 1.17 0.00	30.89 0.96 0.00	33.63 1.05 0.00	50.47 1.30 0.00
STATE_ST_34_KV_LOAD 55959	30.65 -0.14 -1.61	17.45 0.02 -0.70	12.16 -0.01 -1.11	11.79 -0.01 -1.24	14.35 -0.06 -0.97	1.11 0.00 -2.47	15.08 0.00 -0.56	24.96 -0.02 0.00	25.13 0.02 0.00	29.77 0.10 0.00	31.65 0.26 0.00	34.59 0.17 -0.15	33.28 0.22 -0.68	31.36 0.09 -0.76	24.42 0.01 -0.12	24.35 0.06 -0.15	28.78 0.15 0.00	26.67 0.03 0.00	30.37 0.19 0.00	37.87 0.22 0.00	34.59 0.12 -0.08	30.12 0.20 0.00	32.76 0.17 0.00	49.71 0.55 0.00

STATION 5_MISC_HYD 23604	26.33 -0.68 2.16	17.00 -0.40 -0.66	11.81 -0.31 -1.05	11.45 -0.28 -1.17	13.93 -0.43 -0.91	1.00 0.03 -2.34	14.68 -0.36 -0.53	24.19 -0.79 0.00	24.40 -0.71 0.00	29.18 -0.49 0.00	31.00 -0.39 0.00	33.80 -0.46 0.00	31.84 -0.56 -0.02	29.75 -0.76 0.00	23.70 -0.70 -0.11	23.79 -0.50 -0.15	28.13 -0.49 0.00	26.04 -0.60 0.00	29.57 -0.61 0.00	37.01 -0.62 0.00	33.73 -0.65 0.00	29.42 -0.50 0.00	32.13 -0.46 0.00	48.51 -0.66 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.71 -0.44 2.03	17.16 -0.23 -0.66	11.92 -0.19 -1.05	11.55 -0.18 -1.17	14.07 -0.28 -0.91	0.99 0.02 -2.33	14.83 -0.21 -0.53	24.52 -0.46 0.00	24.73 -0.38 0.00	29.52 -0.15 0.00	31.34 -0.05 0.00	34.18 -0.09 0.00	32.24 -0.16 -0.02	30.13 -0.38 0.00	24.03 -0.38 -0.11	24.06 -0.23 -0.15	28.48 -0.15 0.00	26.40 -0.23 0.00	30.00 -0.18 0.00	37.50 -0.14 0.00	34.22 -0.19 -0.02	29.83 -0.09 0.00	32.51 -0.08 0.00	49.08 -0.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.28 -0.80 2.09	16.93 -0.46 -0.66	11.76 -0.35 -1.05	11.40 -0.32 -1.16	13.87 -0.48 -0.91	0.99 0.04 -2.32	14.62 -0.42 -0.53	24.11 -0.87 0.00	24.32 -0.79 0.00	29.06 -0.61 0.00	30.87 -0.52 0.00	33.67 -0.59 0.00	31.72 -0.68 -0.02	29.62 -0.88 0.00	23.63 -0.78 -0.11	23.69 -0.60 -0.15	28.03 -0.60 0.00	25.95 -0.69 0.00	29.48 -0.70 0.00	36.88 -0.76 0.00	33.62 -0.77 0.00	29.32 -0.61 0.00	31.99 -0.59 0.00	48.31 -0.86 0.00
STA_56____34_KV_BUS2 355983	26.28 -0.80 2.09	16.93 -0.46 -0.66	11.76 -0.35 -1.05	11.40 -0.32 -1.16	13.87 -0.48 -0.91	0.99 0.04 -2.32	14.62 -0.42 -0.53	24.11 -0.87 0.00	24.32 -0.79 0.00	29.06 -0.61 0.00	30.87 -0.52 0.00	33.67 -0.59 0.00	31.72 -0.68 -0.02	29.62 -0.88 0.00	23.63 -0.78 -0.11	23.69 -0.60 -0.15	28.03 -0.60 0.00	25.95 -0.69 0.00	29.48 -0.70 0.00	36.88 -0.76 0.00	33.62 -0.77 0.00	29.32 -0.61 0.00	31.99 -0.59 0.00	48.31 -0.86 0.00
STA_67____115KV_BK2 355882	26.27 -0.75 2.15	16.96 -0.43 -0.66	11.79 -0.33 -1.05	11.43 -0.30 -1.17	13.90 -0.45 -0.91	1.01 0.03 -2.34	14.65 -0.39 -0.53	24.14 -0.84 0.00	24.34 -0.77 0.00	29.10 -0.57 0.00	30.91 -0.48 0.00	33.71 -0.56 0.00	31.74 -0.66 -0.02	29.64 -0.87 0.00	23.63 -0.77 -0.11	23.71 -0.58 -0.15	28.05 -0.58 0.00	25.96 -0.67 0.00	29.49 -0.69 0.00	36.90 -0.74 0.00	33.63 -0.75 0.00	29.35 -0.58 0.00	32.03 -0.56 0.00	48.37 -0.80 0.00
STA_7____115KV_9TRANS 80674	26.47 -0.54 2.16	17.07 -0.32 -0.66	11.86 -0.25 -1.05	11.50 -0.24 -1.17	13.98 -0.37 -0.91	1.00 0.02 -2.34	14.74 -0.30 -0.53	24.30 -0.67 0.00	24.52 -0.59 0.00	29.33 -0.34 0.00	31.16 -0.23 0.00	34.00 -0.27 0.00	32.02 -0.38 -0.02	29.91 -0.59 0.00	23.85 -0.55 -0.11	23.94 -0.36 -0.15	28.32 -0.31 0.00	26.21 -0.43 0.00	29.77 -0.40 0.00	37.28 -0.36 0.00	33.97 -0.41 0.00	29.65 -0.28 0.00	32.34 -0.24 0.00	48.83 -0.34 0.00
STA_82____115KV_TB1 80780	26.25 -0.74 2.18	16.97 -0.43 -0.67	11.80 -0.32 -1.06	11.44 -0.30 -1.18	13.91 -0.45 -0.92	1.02 0.03 -2.35	14.66 -0.39 -0.53	24.16 -0.82 0.00	24.36 -0.75 0.00	29.12 -0.55 0.00	30.93 -0.47 0.00	33.72 -0.54 0.00	31.76 -0.64 -0.02	29.65 -0.85 0.00	23.64 -0.76 -0.11	23.73 -0.57 -0.15	28.06 -0.57 0.00	25.97 -0.66 0.00	29.50 -0.67 0.00	36.92 -0.72 0.00	33.65 -0.73 0.00	29.36 -0.56 0.00	32.05 -0.54 0.00	48.40 -0.77 0.00
STEEL____WIND 323596	23.64 -1.47 4.06	16.88 -0.77 -0.91	11.91 -0.60 -1.45	11.61 -0.56 -1.61	13.87 -0.83 -1.25	1.91 0.06 -3.21	14.52 -0.72 -0.73	23.48 -1.50 0.00	23.62 -1.49 0.00	28.40 -1.27 0.00	30.16 -1.23 0.00	31.83 -1.33 1.11	26.29 -1.33 4.76	16.99 -1.51 12.01	22.66 -1.46 0.18	23.19 -1.17 -0.21	27.44 -1.19 0.00	25.30 -1.34 0.00	28.78 -1.40 0.00	36.15 -1.49 0.00	32.89 -1.50 0.00	28.70 -1.23 0.00	31.41 -1.17 0.00	47.41 -1.75 0.00
STEPHTWN_115KV_BK_2 55603	30.41 1.24 0.00	25.28 0.74 -7.80	23.95 0.51 -12.37	24.78 0.49 -13.73	24.78 0.61 -10.72	26.06 -0.06 -27.48	21.43 0.69 -6.23	26.10 1.12 0.00	26.09 0.98 0.00	30.74 1.07 0.00	32.50 1.11 0.00	35.56 1.29 0.00	33.96 1.31 -0.27	31.79 1.28 0.00	26.71 1.11 -1.31	27.47 1.13 -2.19	29.89 1.26 0.00	27.77 1.13 0.00	31.53 1.35 0.00	39.26 1.62 0.00	35.84 1.46 0.00	31.13 1.21 0.00	33.85 1.26 0.00	50.77 1.61 0.00
STEUBEN_REC_LFGE 323667	13.38 -1.86 13.93	16.95 -1.05 -1.26	12.25 -0.81 -2.00	12.04 -0.75 -2.22	14.16 -1.02 -1.73	3.17 0.09 -4.44	14.59 -0.93 -1.01	23.30 -1.68 0.00	23.52 -1.59 0.00	28.08 -1.59 0.00	29.88 -1.51 0.00	35.36 -1.31 -2.40	41.57 -1.35 -10.54	56.80 -1.57 -27.86	23.67 -1.65 -1.03	23.05 -1.37 -0.29	27.44 -1.19 0.00	25.63 -1.00 0.00	29.01 -1.17 0.00	36.65 -1.00 0.00	33.26 -1.15 -0.02	28.96 -0.96 0.00	31.63 -0.95 0.00	47.43 -1.74 0.00
STILLWATER____SOLAR 323814	30.88 1.71 0.00	25.78 0.99 -8.06	24.52 0.67 -12.78	25.39 0.64 -14.18	25.34 0.82 -11.08	26.94 -0.08 -28.39	21.83 0.88 -6.44	26.49 1.52 0.00	26.69 1.57 0.00	31.52 1.85 0.00	33.28 1.89 0.00	36.40 2.14 0.00	34.72 2.06 -0.28	32.39 1.88 0.00	27.09 1.45 -1.35	27.83 1.46 -2.23	30.35 1.72 0.00	28.19 1.55 0.00	32.11 1.93 0.00	40.01 2.37 0.00	36.65 2.27 0.00	31.86 1.93 0.00	34.72 2.13 0.00	52.12 2.95 0.00
STONY____BROOK 24151	31.36 2.18 0.00	25.34 1.36 -7.24	22.96 0.91 -10.99	36.13 0.88 -24.68	38.94 1.12 -24.38	38.75 -0.12 -40.23	38.00 1.23 -22.26	26.91 1.93 0.00	32.30 2.13 -5.06	38.77 2.54 -6.55	36.74 2.80 -2.55	37.20 2.94 0.00	35.68 3.09 -0.21	35.33 3.17 -1.66	32.46 2.76 -5.40	48.95 2.78 -22.03	51.97 3.35 -19.99	29.63 2.99 0.00	33.69 3.51 0.00	41.65 4.01 0.00	37.78 3.39 0.00	32.78 2.86 0.00	35.47 2.89 0.00	52.95 3.79 0.00
STURGEON_POOL_HYD 23609	30.39 1.22 0.00	23.80 0.74 -6.33	21.56 0.46 -10.04	22.14 0.44 -11.13	22.70 0.55 -8.70	20.87 -0.06 -22.30	20.20 0.63 -5.06	26.00 1.02 0.00	26.34 1.23 0.00	31.20 1.53 0.00	33.14 1.75 0.00	36.34 2.07 0.00	34.79 2.19 -0.22	32.71 2.20 0.00	27.25 1.90 -1.06	27.59 2.03 -1.42	31.13 2.50 0.00	28.99 2.35 0.00	32.83 2.65 0.00	40.64 3.00 0.00	37.00 2.62 0.00	32.15 2.22 0.00	34.83 2.25 0.00	52.22 3.05 0.00
ST_LAW_115_BK7_LBMP 345037	28.76 -0.41 0.00	16.42 -0.32 0.00	10.85 -0.21 0.00	10.35 -0.21 0.00	13.19 -0.26 0.00	-1.33 0.03 0.00	14.21 -0.30 0.00	24.57 -0.41 0.00	24.64 -0.48 0.00	29.03 -0.64 0.00	30.64 -0.75 0.00	33.31 -0.95 0.00	31.39 -0.99 0.00	29.70 -0.80 0.00	23.61 -0.68 0.00	22.97 -0.80 0.38	27.67 -0.97 0.00	25.77 -0.86 0.00	29.17 -1.01 0.00	36.56 -1.08 0.00	33.46 -0.92 0.00	29.17 -0.76 0.00	31.74 -0.85 0.00	47.80 -1.37 0.00
ST_LAW_115_BK8_LBMP 345038	28.76 -0.41 0.00	16.42 -0.32 0.00	10.85 -0.21 0.00	10.35 -0.21 0.00	13.19 -0.26 0.00	-1.33 0.03 0.00	14.21 -0.30 0.00	24.57 -0.41 0.00	24.64 -0.48 0.00	29.03 -0.64 0.00	30.64 -0.75 0.00	33.31 -0.95 0.00	31.39 -0.99 0.00	29.70 -0.80 0.00	23.61 -0.68 0.00	22.97 -0.80 0.38	27.67 -0.97 0.00	25.77 -0.86 0.00	29.17 -1.01 0.00	36.56 -1.08 0.00	33.46 -0.92 0.00	29.17 -0.76 0.00	31.74 -0.85 0.00	47.80 -1.37 0.00

ST_LAW_230_BK5_LBMP 345035	28.79 -0.38 0.00	16.43 -0.30 0.00	10.86 -0.20 0.00	10.37 -0.20 0.00	13.20 -0.25 0.00	-1.34 0.03 0.00	14.22 -0.29 0.00	24.59 -0.39 0.00	24.66 -0.45 0.00	29.07 -0.60 0.00	30.68 -0.71 0.00	33.37 -0.90 0.00	31.44 -0.94 0.00	29.75 -0.76 0.00	23.64 -0.65 0.00	23.11 -0.75 0.29	27.73 -0.90 0.00	25.84 -0.80 0.00	29.23 -0.95 0.00	36.65 -0.99 0.00	33.53 -0.85 0.00	29.23 -0.70 0.00	31.80 -0.78 0.00	47.93 -1.24 0.00
ST_LAW_230_BK6_LBMP 345036	28.79 -0.38 0.00	16.43 -0.30 0.00	10.86 -0.20 0.00	10.37 -0.20 0.00	13.20 -0.25 0.00	-1.34 0.03 0.00	14.22 -0.29 0.00	24.59 -0.39 0.00	24.66 -0.45 0.00	29.07 -0.60 0.00	30.68 -0.71 0.00	33.37 -0.90 0.00	31.44 -0.94 0.00	29.75 -0.76 0.00	23.64 -0.65 0.00	23.11 -0.75 0.29	27.73 -0.90 0.00	25.84 -0.80 0.00	29.23 -0.95 0.00	36.65 -0.99 0.00	33.53 -0.85 0.00	29.23 -0.70 0.00	31.80 -0.78 0.00	47.93 -1.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.36 1.19 0.00	23.02 0.72 -5.57	20.35 0.46 -8.83	20.81 0.45 -9.79	21.66 0.56 -7.65	18.18 -0.06 -19.61	19.59 0.63 -4.45	25.97 0.99 0.00	26.26 1.14 0.00	31.03 1.36 0.00	32.92 1.54 0.00	36.09 1.83 0.00	34.54 1.97 -0.20	32.50 2.00 0.00	26.99 1.76 -0.93	24.49 1.83 1.48	30.85 2.22 0.00	28.73 2.09 0.00	32.56 2.38 0.00	40.35 2.71 0.00	36.77 2.38 0.00	31.91 1.99 0.00	34.61 2.03 0.00	51.90 2.73 0.00
SWANROAD_115KV_TB1 355699	24.36 -1.53 3.29	16.66 -0.89 -0.81	11.68 -0.67 -1.29	11.37 -0.62 -1.43	13.66 -0.90 -1.12	1.57 0.07 -2.86	14.37 -0.79 -0.65	23.30 -1.68 0.00	23.46 -1.65 0.00	28.19 -1.48 0.00	29.87 -1.53 0.00	31.81 -1.68 0.78	27.45 -1.62 3.32	20.37 -1.78 8.36	22.54 -1.66 0.09	22.96 -1.37 -0.19	27.19 -1.44 0.00	25.05 -1.59 0.00	28.40 -1.77 0.00	35.60 -2.04 0.00	32.39 -2.00 0.00	28.33 -1.59 0.00	31.01 -1.58 0.00	46.81 -2.35 0.00
SYNERGY___BIOGAS 323694	25.70 -0.56 2.91	17.15 -0.35 -0.76	11.97 -0.31 -1.21	11.63 -0.28 -1.34	14.04 -0.46 -1.05	1.35 0.03 -2.69	14.80 -0.32 -0.61	24.19 -0.79 0.00	24.42 -0.69 0.00	29.30 -0.37 0.00	31.14 -0.25 0.00	33.44 -0.28 0.55	29.76 -0.31 2.31	24.15 -0.54 5.80	23.57 -0.69 0.03	23.97 -0.35 -0.18	28.33 -0.29 0.00	26.16 -0.48 0.00	29.67 -0.51 0.00	37.17 -0.47 0.00	33.91 -0.48 0.00	29.61 -0.32 0.00	32.35 -0.23 0.00	48.77 -0.40 0.00
SYRACUSE___ENERGY_ST1 323597	28.97 -0.20 0.00	17.20 -0.07 -0.54	11.85 -0.07 -0.86	11.45 -0.07 -0.96	14.08 -0.11 -0.75	0.56 0.01 -1.91	14.86 -0.09 -0.43	24.79 -0.19 0.00	24.98 -0.13 0.00	29.62 -0.05 0.00	31.39 0.00 0.00	34.26 0.00 0.00	32.37 -0.03 -0.02	30.37 -0.14 0.00	24.23 -0.15 -0.09	24.14 -0.12 -0.12	28.53 -0.10 0.00	26.51 -0.12 0.00	30.09 -0.08 0.00	37.50 -0.14 0.00	34.32 -0.16 -0.10	29.81 -0.11 0.00	32.49 -0.10 0.00	49.30 0.13 0.00
SYRACUSE___ENERGY_ST2 323598	28.97 -0.20 0.00	17.20 -0.07 -0.54	11.85 -0.07 -0.86	11.45 -0.07 -0.96	14.08 -0.11 -0.75	0.56 0.01 -1.91	14.86 -0.09 -0.43	24.79 -0.19 0.00	24.98 -0.13 0.00	29.62 -0.05 0.00	31.39 0.00 0.00	34.26 0.00 0.00	32.37 -0.03 -0.02	30.37 -0.14 0.00	24.23 -0.15 -0.09	24.14 -0.12 -0.12	28.53 -0.10 0.00	26.51 -0.12 0.00	30.09 -0.08 0.00	37.50 -0.14 0.00	34.32 -0.16 -0.10	29.81 -0.11 0.00	32.49 -0.10 0.00	49.30 0.13 0.00
SYRACUSE___POWER 24017	28.94 -0.23 0.00	17.14 -0.10 -0.50	11.77 -0.09 -0.80	11.37 -0.08 -0.89	14.02 -0.12 -0.69	0.42 0.01 -1.78	14.81 -0.11 -0.40	24.76 -0.22 0.00	24.95 -0.16 0.00	29.60 -0.08 0.00	31.36 -0.04 0.00	34.23 -0.04 0.00	32.33 -0.07 -0.02	30.32 -0.18 0.00	24.20 -0.18 -0.08	24.10 -0.15 -0.11	28.48 -0.15 0.00	26.48 -0.16 0.00	30.04 -0.14 0.00	37.44 -0.20 0.00	34.26 -0.19 -0.07	29.77 -0.15 0.00	32.46 -0.13 0.00	49.23 0.06 0.00
TALLMAN___138KV_BK151 55660	30.53 1.36 0.00	23.31 0.81 -5.76	20.72 0.52 -9.14	21.20 0.51 -10.13	22.00 0.64 -7.92	18.85 -0.07 -20.29	19.83 0.71 -4.60	26.09 1.12 0.00	26.40 1.29 0.00	31.21 1.54 0.00	33.14 1.75 0.00	36.37 2.10 0.00	34.86 2.28 -0.20	32.80 2.30 0.00	27.28 2.02 -0.97	23.82 2.08 2.41	31.16 2.53 0.00	29.02 2.39 0.00	32.88 2.70 0.00	40.71 3.07 0.00	37.08 2.70 0.00	32.18 2.25 0.00	34.87 2.28 0.00	52.26 3.09 0.00
TEALLAVE_115KV_TB7 355573	28.87 -0.30 0.00	17.06 -0.14 -0.47	11.69 -0.12 -0.75	11.28 -0.11 -0.83	13.94 -0.16 -0.65	0.30 0.01 -1.66	14.75 -0.14 -0.38	24.69 -0.29 0.00	24.88 -0.23 0.00	29.52 -0.15 0.00	31.27 -0.12 0.00	34.13 -0.14 0.00	32.23 -0.17 -0.02	30.23 -0.28 0.00	24.11 -0.26 -0.08	24.01 -0.23 -0.10	28.39 -0.24 0.00	26.40 -0.24 0.00	29.94 -0.23 0.00	37.32 -0.32 0.00	34.13 -0.30 -0.05	29.68 -0.24 0.00	32.36 -0.23 0.00	49.07 -0.09 0.00
TELGRAPH_34_KV_EAST 80808	24.85 -1.18 3.13	16.83 -0.69 -0.79	11.78 -0.54 -1.26	11.46 -0.50 -1.39	13.79 -0.74 -1.09	1.48 0.05 -2.79	14.52 -0.62 -0.63	23.62 -1.36 0.00	23.81 -1.30 0.00	28.59 -1.08 0.00	30.33 -1.06 0.00	32.39 -1.19 0.68	28.32 -1.15 2.91	21.83 -1.35 7.32	22.92 -1.31 0.07	23.31 -1.01 -0.18	27.60 -1.03 0.00	25.44 -1.19 0.00	28.87 -1.31 0.00	36.17 -1.47 0.00	32.93 -1.45 0.00	28.79 -1.13 0.00	31.49 -1.09 0.00	47.51 -1.65 0.00
TEMPLE___115KV_TB 2 55572	28.88 -0.29 0.00	17.07 -0.14 -0.48	11.70 -0.11 -0.75	11.29 -0.11 -0.83	13.95 -0.15 -0.65	0.32 0.01 -1.68	14.76 -0.13 -0.38	24.71 -0.27 0.00	24.89 -0.23 0.00	29.53 -0.13 0.00	31.28 -0.10 0.00	34.15 -0.11 0.00	32.25 -0.15 -0.02	30.25 -0.26 0.00	24.13 -0.24 -0.08	24.03 -0.21 -0.10	28.41 -0.22 0.00	26.41 -0.23 0.00	29.96 -0.22 0.00	37.35 -0.29 0.00	34.15 -0.28 -0.05	29.70 -0.23 0.00	32.38 -0.21 0.00	49.11 -0.06 0.00
TIANA___69_KV_BK 1 55817	31.56 2.38 0.00	25.45 1.47 -7.24	23.06 1.01 -10.99	36.23 0.99 -24.67	39.07 1.24 -24.38	38.74 -0.13 -40.23	38.13 1.37 -22.26	27.08 2.10 0.00	32.43 2.25 -5.06	38.95 2.73 -6.55	36.96 3.01 -2.55	37.47 3.21 0.00	35.96 3.36 -0.21	35.61 3.45 -1.66	32.72 3.03 -5.40	49.27 3.10 -22.03	52.33 3.71 -19.98	30.01 3.38 0.00	34.08 3.90 0.00	42.04 4.40 0.00	38.11 3.72 0.00	33.00 3.07 0.00	35.67 3.08 0.00	53.19 4.03 0.00
TILDEN___115KV_TB1 80814	28.94 -0.23 0.00	17.14 -0.10 -0.50	11.77 -0.09 -0.80	11.37 -0.08 -0.89	14.02 -0.12 -0.69	0.42 0.01 -1.78	14.81 -0.11 -0.40	24.76 -0.22 0.00	24.95 -0.16 0.00	29.60 -0.08 0.00	31.36 -0.04 0.00	34.23 -0.04 0.00	32.33 -0.07 -0.02	30.32 -0.18 0.00	24.20 -0.18 -0.08	24.10 -0.15 -0.11	28.48 -0.15 0.00	26.48 -0.16 0.00	30.04 -0.14 0.00	37.44 -0.20 0.00	34.26 -0.19 -0.07	29.77 -0.15 0.00	32.46 -0.13 0.00	49.23 0.06 0.00
TRIGEN___CC 323695	31.05 1.88 0.00	25.13 1.15 -7.24	22.80 0.75 -10.99	35.96 0.72 -24.67	38.74 0.91 -24.38	38.77 -0.10 -40.23	37.79 1.02 -22.26	26.60 1.62 0.00	32.01 1.83 -5.06	38.41 2.18 -6.55	36.38 2.44 -2.55	36.97 2.70 0.00	35.43 2.84 -0.21	35.00 2.84 -1.66	32.17 2.48 -5.40	48.74 2.57 -22.03	51.72 3.10 -19.98	29.50 2.86 0.00	33.44 3.26 0.00	41.34 3.69 0.00	37.59 3.21 0.00	32.64 2.71 0.00	35.36 2.78 0.00	52.93 3.76 0.00

TRINITY__115KV__4 BK 55933	30.26 1.08 0.00	25.23 0.67 -7.82	23.93 0.46 -12.41	24.76 0.44 -13.76	24.76 0.56 -10.75	26.13 -0.06 -27.55	21.37 0.61 -6.25	25.93 0.95 0.00	25.96 0.84 0.00	30.46 0.79 0.00	32.21 0.82 0.00	35.24 0.97 0.00	33.66 1.01 -0.27	31.45 0.94 0.00	26.42 0.82 -1.31	27.15 0.81 -2.20	29.51 0.88 0.00	27.44 0.81 0.00	31.13 0.95 0.00	38.69 1.05 0.00	35.36 0.98 0.00	30.73 0.81 0.00	33.48 0.89 0.00	50.22 1.06 0.00
UNION__PROCESSING_DRP 323587	26.26 -0.74 2.17	16.98 -0.42 -0.67	11.80 -0.32 -1.06	11.44 -0.30 -1.18	13.92 -0.45 -0.92	1.02 0.03 -2.36	14.66 -0.38 -0.53	24.16 -0.82 0.00	24.37 -0.75 0.00	29.12 -0.55 0.00	30.93 -0.46 0.00	33.73 -0.54 0.00	31.76 -0.64 -0.02	29.66 -0.84 0.00	23.66 -0.75 -0.11	23.74 -0.56 -0.15	28.08 -0.55 0.00	25.98 -0.66 0.00	29.51 -0.67 0.00	36.93 -0.71 0.00	33.67 -0.72 0.00	29.37 -0.56 0.00	32.05 -0.54 0.00	48.41 -0.76 0.00
UPPER HUDSON__HYD 24058	31.31 2.14 0.00	26.04 1.21 -8.10	24.72 0.81 -12.85	25.60 0.78 -14.25	25.56 0.98 -11.14	27.08 -0.10 -28.54	22.04 1.06 -6.47	26.88 1.90 0.00	27.11 1.99 0.00	32.08 2.41 0.00	33.76 2.37 0.00	36.96 2.70 0.00	35.08 2.42 -0.28	32.66 2.15 0.00	27.24 1.60 -1.36	27.95 1.58 -2.23	30.52 1.89 0.00	28.36 1.73 0.00	32.46 2.28 0.00	40.53 2.89 0.00	37.28 2.89 0.00	32.42 2.49 0.00	35.37 2.78 0.00	53.04 3.88 0.00
UPPER RAQUET__HYD 24056	28.57 -0.60 0.00	16.26 -0.47 0.00	10.70 -0.36 0.00	10.21 -0.35 0.00	13.04 -0.40 0.00	-1.32 0.04 0.00	14.02 -0.50 0.00	24.26 -0.72 0.00	24.37 -0.74 0.00	28.74 -0.94 0.00	30.32 -1.07 0.00	32.96 -1.30 0.00	31.02 -1.36 0.00	29.38 -1.13 0.00	23.30 -0.99 0.00	21.07 -1.39 1.68	26.99 -1.64 0.00	25.16 -1.47 0.00	28.55 -1.63 0.00	35.81 -1.83 0.00	32.87 -1.53 -0.02	28.69 -1.24 0.00	31.17 -1.42 0.00	46.90 -2.26 0.00
VALLEY44_115KV_TB2 355964	23.08 -1.17 4.92	17.25 -0.50 -1.02	12.24 -0.43 -1.61	11.97 -0.39 -1.79	14.28 -0.57 -1.40	2.26 0.05 -3.58	14.82 -0.51 -0.81	24.04 -0.94 0.00	24.32 -0.79 0.00	29.20 -0.47 0.00	30.95 -0.45 0.00	33.39 -0.41 0.47	30.02 -0.42 1.93	25.13 -0.64 4.73	23.49 -0.85 -0.05	23.75 -0.63 -0.24	28.13 -0.49 0.00	25.98 -0.65 0.00	29.60 -0.58 0.00	36.93 -0.71 0.00	33.55 -0.83 0.00	29.28 -0.65 0.00	32.04 -0.54 0.00	48.36 -0.81 0.00
VALLEY__115KV_TB 1-4 80826	29.43 0.26 0.00	16.94 0.21 0.00	11.24 0.18 0.00	10.75 0.19 0.00	13.68 0.24 0.00	-1.38 -0.01 0.00	14.75 0.23 0.00	25.31 0.33 0.00	25.45 0.33 0.00	29.92 0.25 0.00	31.63 0.23 0.00	34.75 0.48 0.00	32.90 0.51 0.00	30.98 0.47 0.00	24.66 0.37 0.00	24.78 0.34 -0.30	28.99 0.36 0.00	27.06 0.42 0.00	30.71 0.53 0.00	38.06 0.42 0.00	34.73 0.35 0.00	30.26 0.33 0.00	33.03 0.45 0.00	49.66 0.49 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.09 0.92 0.00	19.72 0.56 -2.43	15.26 0.35 -3.85	15.17 0.33 -4.27	17.19 0.41 -3.34	7.15 -0.04 -8.56	16.91 0.46 -1.94	25.77 0.80 0.00	26.02 0.91 0.00	30.83 1.16 0.00	32.69 1.29 0.00	35.79 1.53 0.00	33.96 1.50 -0.08	31.92 1.41 0.00	25.86 1.17 -0.41	25.91 1.23 -0.54	30.12 1.49 0.00	28.03 1.39 0.00	31.81 1.63 0.00	39.55 1.91 0.00	36.07 1.67 -0.02	31.35 1.43 0.00	34.11 1.52 0.00	51.27 2.10 0.00
VISCHER__FERRY HYD 24020	30.50 1.33 0.00	25.45 0.79 -7.93	24.19 0.55 -12.58	25.04 0.53 -13.95	25.02 0.67 -10.90	26.50 -0.07 -27.93	21.57 0.72 -6.33	26.17 1.19 0.00	26.32 1.21 0.00	31.05 1.38 0.00	32.79 1.40 0.00	35.89 1.62 0.00	34.24 1.59 -0.28	31.95 1.44 0.00	26.76 1.14 -1.33	27.51 1.14 -2.23	29.94 1.31 0.00	27.80 1.17 0.00	31.59 1.41 0.00	39.30 1.67 0.00	35.97 1.58 0.00	31.25 1.33 0.00	34.09 1.50 0.00	51.12 1.95 0.00
V_A_10_SYNC_DSASP 323832	24.92 -1.47 2.78	16.65 -0.83 -0.75	11.65 -0.59 -1.18	11.33 -0.55 -1.31	13.68 -0.79 -1.02	1.33 0.06 -2.63	14.38 -0.72 -0.60	23.47 -1.51 0.00	23.64 -1.47 0.00	28.36 -1.32 0.00	30.09 -1.30 0.00	32.24 -1.48 0.55	28.54 -1.53 2.31	22.98 -1.72 5.80	22.75 -1.51 0.03	23.06 -1.26 -0.17	27.27 -1.36 0.00	25.15 -1.49 0.00	28.55 -1.63 0.00	35.80 -1.84 0.00	32.57 -1.82 0.00	28.42 -1.50 0.00	31.11 -1.48 0.00	46.99 -2.18 0.00
V_CMM_10_SYNC_DSASP 323787	28.89 -0.28 0.00	16.49 -0.24 0.00	10.90 -0.16 0.00	10.40 -0.16 0.00	13.24 -0.20 0.00	-1.34 0.03 0.00	14.27 -0.24 0.00	24.68 -0.30 0.00	24.75 -0.36 0.00	29.17 -0.50 0.00	30.78 -0.61 0.00	33.47 -0.80 0.00	31.53 -0.85 0.00	29.85 -0.66 0.00	23.71 -0.58 0.00	23.07 -0.70 0.38	27.80 -0.83 0.00	25.90 -0.73 0.00	29.31 -0.87 0.00	36.75 -0.89 0.00	33.62 -0.76 0.00	29.31 -0.62 0.00	31.89 -0.70 0.00	48.04 -1.12 0.00
V_CMP_10_SYNC_DSASP 323788	29.47 0.30 0.00	16.69 -0.04 0.00	10.94 -0.12 0.00	10.39 -0.18 0.00	13.19 -0.26 0.00	-1.32 0.05 0.00	14.01 -0.51 0.00	24.42 -0.56 0.00	24.54 -0.57 0.00	29.00 -0.67 0.00	30.69 -0.70 0.00	33.47 -0.80 0.00	31.40 -0.98 0.00	29.73 -0.77 0.00	23.37 -0.92 0.00	22.54 -1.19 0.41	27.05 -1.57 0.00	25.25 -1.39 0.00	28.84 -1.34 0.00	36.35 -1.29 0.00	33.34 -1.04 0.00	29.20 -0.73 0.00	31.81 -0.77 0.00	47.85 -1.32 0.00
V_D_10_SYNC_DSASP 323841	29.03 -0.14 0.00	16.56 -0.17 0.00	10.94 -0.12 0.00	10.44 -0.13 0.00	13.29 -0.15 0.00	-1.35 0.02 0.00	14.34 -0.18 0.00	24.78 -0.19 0.00	24.87 -0.25 0.00	29.30 -0.37 0.00	30.92 -0.47 0.00	33.61 -0.66 0.00	31.66 -0.72 0.00	29.97 -0.53 0.00	23.80 -0.49 0.00	22.85 -0.78 0.51	27.70 -0.93 0.00	25.81 -0.82 0.00	29.23 -0.95 0.00	36.64 -1.00 0.00	33.55 -0.84 0.00	29.25 -0.68 0.00	31.81 -0.77 0.00	47.91 -1.26 0.00
V_E_10_SYNC_DSASP 323830	36.36 0.54 -6.65	18.93 0.42 -1.78	14.11 0.23 -2.82	13.94 0.25 -3.13	16.04 0.14 -2.45	4.88 -0.02 -6.27	16.15 0.22 -1.42	25.43 0.45 0.00	25.64 0.53 0.00	30.46 0.79 0.00	32.42 1.03 0.00	35.80 1.36 -0.17	34.33 1.17 -0.79	32.46 1.12 -0.84	25.39 0.81 -0.29	25.38 0.84 -0.40	29.66 1.03 0.00	27.75 1.11 0.00	31.62 1.44 0.00	39.39 1.75 0.00	35.92 1.50 -0.04	31.38 1.46 0.00	34.32 1.73 0.00	51.38 2.22 0.00
V_F_30_NSYNC__DSASP 323816	30.90 1.72 0.00	25.81 0.99 -8.08	24.55 0.67 -12.81	25.42 0.65 -14.21	25.37 0.82 -11.11	27.01 -0.08 -28.46	21.85 0.89 -6.45	26.50 1.53 0.00	26.70 1.58 0.00	31.54 1.87 0.00	33.31 1.92 0.00	36.44 2.17 0.00	34.75 2.09 -0.28	32.42 1.92 0.00	27.13 1.48 -1.35	27.86 1.49 -2.23	30.40 1.77 0.00	28.23 1.60 0.00	32.14 1.96 0.00	40.06 2.42 0.00	36.69 2.31 0.00	31.89 1.97 0.00	34.75 2.17 0.00	52.17 3.00 0.00
V_F_30_SYNC_DSASP 323786	30.37 1.20 0.00	25.35 0.73 -7.89	24.07 0.50 -12.51	24.92 0.48 -13.87	24.89 0.60 -10.84	26.36 -0.06 -27.78	21.47 0.66 -6.30	26.02 1.04 0.00	26.05 0.93 0.00	30.57 0.90 0.00	32.34 0.95 0.00	35.38 1.12 0.00	33.80 1.15 -0.28	31.58 1.08 0.00	26.55 0.94 -1.32	27.27 0.92 -2.21	29.65 1.02 0.00	27.57 0.94 0.00	31.27 1.09 0.00	38.89 1.25 0.00	35.54 1.16 0.00	30.89 0.96 0.00	33.63 1.05 0.00	50.47 1.30 0.00

V_XM_10_SYNC_DSASP 323789	29.47 0.30 0.00	16.69 -0.04 0.00	10.94 -0.12 0.00	10.39 -0.18 0.00	13.19 -0.26 0.00	-1.32 0.05 0.00	14.01 -0.51 0.00	24.42 -0.56 0.00	24.54 -0.57 0.00	29.00 -0.67 0.00	30.69 -0.70 0.00	33.47 -0.80 0.00	31.40 -0.98 0.00	29.73 -0.77 0.00	23.37 -0.92 0.00	22.54 -1.19 0.41	27.05 -1.57 0.00	25.25 -1.39 0.00	28.84 -1.34 0.00	36.35 -1.29 0.00	33.34 -1.04 0.00	29.20 -0.73 0.00	31.81 -0.77 0.00	47.85 -1.32 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.64 1.47 0.00	23.42 0.88 -5.80	20.83 0.57 -9.21	21.32 0.55 -10.21	22.11 0.69 -7.98	19.00 -0.08 -20.44	19.91 0.77 -4.63	26.20 1.22 0.00	26.52 1.40 0.00	31.34 1.67 0.00	33.28 1.89 0.00	36.52 2.25 0.00	35.00 2.41 -0.20	32.93 2.43 0.00	27.39 2.12 -0.97	23.68 2.19 2.65	31.30 2.67 0.00	29.15 2.51 0.00	33.02 2.85 0.00	40.88 3.24 0.00	37.24 2.85 0.00	32.31 2.38 0.00	35.01 2.42 0.00	52.46 3.29 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.76 1.59 0.00	23.77 0.98 -6.06	21.31 0.63 -9.62	21.83 0.60 -10.66	22.54 0.76 -8.33	19.91 -0.08 -21.36	20.22 0.87 -4.84	26.36 1.38 0.00	26.70 1.59 0.00	31.56 1.89 0.00	33.51 2.12 0.00	36.75 2.49 0.00	35.24 2.65 -0.21	33.13 2.62 0.00	27.61 2.30 -1.02	30.57 2.40 -4.03	31.56 2.93 0.00	29.38 2.74 0.00	33.27 3.09 0.00	41.17 3.53 0.00	37.40 3.02 0.00	32.47 2.54 0.00	35.15 2.56 0.00	52.64 3.47 0.00
W50THST__13_KV_LOAD 356117	30.89 1.71 0.00	23.84 1.05 -6.06	21.36 0.68 -9.62	21.88 0.65 -10.66	22.60 0.82 -8.33	19.90 -0.09 -21.36	20.29 0.94 -4.84	26.49 1.51 0.00	26.84 1.73 0.00	31.74 2.07 0.00	33.72 2.33 0.00	36.98 2.72 0.00	35.46 2.87 -0.21	33.33 2.83 0.00	27.75 2.44 -1.02	30.71 2.54 -4.03	31.73 3.10 0.00	29.53 2.89 0.00	33.44 3.26 0.00	41.36 3.72 0.00	37.57 3.19 0.00	32.62 2.70 0.00	35.31 2.72 0.00	52.87 3.70 0.00
WADING RIVER_IC_1 23522	31.15 1.98 0.00	25.24 1.26 -7.24	22.94 0.89 -10.99	36.12 0.87 -24.68	38.93 1.11 -24.38	38.75 -0.12 -40.23	37.99 1.22 -22.26	26.79 1.81 0.00	32.09 1.92 -5.06	38.52 2.30 -6.55	36.48 2.54 -2.55	36.94 2.68 0.00	35.44 2.85 -0.21	35.10 2.93 -1.66	32.32 2.63 -5.40	48.86 2.69 -22.03	51.86 3.24 -19.99	29.57 2.94 0.00	33.60 3.42 0.00	41.46 3.82 0.00	37.60 3.22 0.00	32.60 2.68 0.00	35.24 2.66 0.00	52.59 3.42 0.00
WADING RIVER_IC_2 23547	31.15 1.98 0.00	25.24 1.26 -7.24	22.94 0.89 -10.99	36.12 0.87 -24.68	38.93 1.11 -24.38	38.75 -0.12 -40.23	37.99 1.22 -22.26	26.79 1.81 0.00	32.09 1.92 -5.06	38.52 2.30 -6.55	36.48 2.54 -2.55	36.94 2.68 0.00	35.44 2.85 -0.21	35.10 2.93 -1.66	32.32 2.63 -5.40	48.86 2.69 -22.03	51.86 3.24 -19.99	29.57 2.94 0.00	33.60 3.42 0.00	41.46 3.82 0.00	37.60 3.22 0.00	32.60 2.68 0.00	35.24 2.66 0.00	52.59 3.42 0.00
WADING RIVER_IC_3 23601	31.15 1.98 0.00	25.24 1.26 -7.24	22.94 0.89 -10.99	36.12 0.87 -24.68	38.93 1.11 -24.38	38.75 -0.12 -40.23	37.99 1.22 -22.26	26.79 1.81 0.00	32.09 1.92 -5.06	38.52 2.30 -6.55	36.48 2.54 -2.55	36.94 2.68 0.00	35.44 2.85 -0.21	35.10 2.93 -1.66	32.32 2.63 -5.40	48.86 2.69 -22.03	51.86 3.24 -19.99	29.57 2.94 0.00	33.60 3.42 0.00	41.46 3.82 0.00	37.60 3.22 0.00	32.60 2.68 0.00	35.24 2.66 0.00	52.59 3.42 0.00
WALDENNY_12_KV_BK2 80841	23.77 -1.41 4.00	16.89 -0.75 -0.90	11.91 -0.58 -1.43	11.62 -0.54 -1.59	13.89 -0.80 -1.24	1.88 0.06 -3.19	14.55 -0.69 -0.72	23.53 -1.45 0.00	23.69 -1.43 0.00	28.47 -1.20 0.00	30.22 -1.17 0.00	31.92 -1.27 1.08	26.48 -1.27 4.63	17.36 -1.46 11.69	22.74 -1.38 0.17	23.24 -1.11 -0.21	27.52 -1.11 0.00	25.37 -1.27 0.00	28.86 -1.32 0.00	36.22 -1.42 0.00	32.93 -1.45 0.00	28.76 -1.17 0.00	31.44 -1.14 0.00	47.47 -1.70 0.00
WALDEN__HYDRO 24148	30.50 1.33 0.00	23.39 0.81 -5.85	20.87 0.52 -9.29	21.36 0.49 -10.30	22.12 0.62 -8.05	19.19 -0.07 -20.62	19.88 0.69 -4.68	26.09 1.12 0.00	26.39 1.27 0.00	31.20 1.53 0.00	33.12 1.72 0.00	36.30 2.03 0.00	34.71 2.13 -0.21	32.65 2.14 0.00	27.15 1.88 -0.98	26.62 1.97 -0.51	31.02 2.39 0.00	28.89 2.25 0.00	32.74 2.56 0.00	40.58 2.94 0.00	36.98 2.60 0.00	32.11 2.19 0.00	34.81 2.22 0.00	52.19 3.02 0.00
WARRENSBURG____ 23737	31.31 2.14 0.00	26.04 1.21 -8.10	24.72 0.81 -12.85	25.60 0.78 -14.25	25.56 0.98 -11.14	27.08 -0.10 -28.54	22.04 1.06 -6.47	26.88 1.90 0.00	27.11 1.99 0.00	32.08 2.41 0.00	33.76 2.37 0.00	36.96 2.70 0.00	35.08 2.42 -0.28	32.66 2.15 0.00	27.24 1.60 -1.36	27.95 1.58 -2.23	30.52 1.89 0.00	28.36 1.73 0.00	32.46 2.28 0.00	40.53 2.89 0.00	37.28 2.89 0.00	32.42 2.49 0.00	35.37 2.78 0.00	53.04 3.88 0.00
WATERSIDE____6 8 9 23538	30.85 1.68 0.00	23.82 1.03 -6.06	21.34 0.67 -9.62	21.86 0.63 -10.66	22.58 0.80 -8.33	19.91 -0.09 -21.36	20.27 0.91 -4.85	26.40 1.42 0.00	26.76 1.64 0.00	31.60 1.93 0.00	33.56 2.17 0.00	36.79 2.52 0.00	35.27 2.68 -0.21	33.22 2.71 0.00	27.71 2.39 -1.02	30.64 2.47 -4.03	31.63 3.00 0.00	29.45 2.81 0.00	33.31 3.14 0.00	41.22 3.58 0.00	37.49 3.11 0.00	32.56 2.64 0.00	35.26 2.68 0.00	52.78 3.61 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.43 0.26 0.00	16.94 0.20 0.00	11.21 0.15 0.00	10.72 0.15 0.00	13.63 0.18 0.00	-1.38 -0.02 0.00	14.71 0.20 0.00	25.26 0.28 0.00	25.42 0.30 0.00	29.93 0.26 0.00	31.65 0.26 0.00	34.68 0.41 0.00	32.84 0.46 0.00	30.94 0.44 0.00	24.65 0.36 0.00	24.81 0.37 -0.30	29.02 0.39 0.00	27.01 0.38 0.00	30.67 0.49 0.00	38.12 0.48 0.00	34.82 0.43 0.00	30.31 0.38 0.00	33.04 0.46 0.00	49.72 0.56 0.00
WATSON__69_KV_BK 1 55734	31.59 2.41 0.00	25.46 1.48 -7.24	23.03 0.98 -10.99	36.19 0.94 -24.67	39.02 1.19 -24.38	38.74 -0.13 -40.23	38.09 1.32 -22.26	27.06 2.09 0.00	32.49 2.31 -5.06	38.95 2.73 -6.55	36.98 3.04 -2.55	37.52 3.25 0.00	35.96 3.37 -0.21	35.62 3.46 -1.66	32.71 3.02 -5.40	49.25 3.08 -22.03	52.36 3.74 -19.98	30.02 3.38 0.00	34.10 3.92 0.00	42.11 4.47 0.00	38.25 3.87 0.00	33.19 3.26 0.00	35.90 3.31 0.00	53.61 4.44 0.00
WDELAWARE__HYD 323627	29.63 0.46 0.00	22.42 0.29 -5.41	19.80 0.17 -8.57	20.23 0.16 -9.51	21.07 0.19 -7.43	17.65 -0.03 -19.04	19.07 0.24 -4.32	25.33 0.36 0.00	25.63 0.52 0.00	30.35 0.68 0.00	32.23 0.84 0.00	35.32 1.05 0.00	33.53 0.96 -0.19	30.88 0.38 0.00	25.71 0.51 -0.91	25.41 0.62 -0.65	29.45 0.82 0.00	27.44 0.80 0.00	31.09 0.91 0.00	38.54 0.90 0.00	35.22 0.84 0.00	31.29 1.37 0.00	33.92 1.33 0.00	50.88 1.71 0.00
WEST BABYLON__IC 23714	31.49 2.32 0.00	25.39 1.41 -7.24	22.98 0.92 -10.99	36.14 0.89 -24.67	38.95 1.13 -24.38	38.75 -0.12 -40.23	38.01 1.25 -22.26	26.96 1.98 0.00	32.38 2.21 -5.06	38.84 2.61 -6.55	36.83 2.88 -2.55	37.42 3.15 0.00	35.86 3.28 -0.21	35.50 3.34 -1.66	32.56 2.87 -5.40	49.08 2.91 -22.03	52.17 3.56 -19.98	29.87 3.24 0.00	33.98 3.79 0.00	41.97 4.33 0.00	38.15 3.77 0.00	33.12 3.19 0.00	35.84 3.25 0.00	53.53 4.36 0.00

WEST CANADA___HYD 24049	29.32 0.14 0.00	16.82 0.09 0.00	11.12 0.06 0.00	10.63 0.06 0.00	13.53 0.08 0.00	-1.37 -0.01 0.00	14.60 0.09 0.00	25.10 0.12 0.00	25.24 0.13 0.00	29.82 0.15 0.00	31.55 0.16 0.00	34.47 0.20 0.00	32.60 0.22 0.00	30.69 0.19 0.00	24.46 0.17 0.00	24.62 0.18 -0.30	28.83 0.20 0.00	26.83 0.19 0.00	30.41 0.23 0.00	37.89 0.25 0.00	34.62 0.24 0.00	30.11 0.18 0.00	32.80 0.21 0.00	49.46 0.30 0.00
WESTERN_NY_WIND 24143	25.58 -0.61 2.98	17.14 -0.37 -0.77	11.96 -0.33 -1.23	11.63 -0.30 -1.36	14.03 -0.48 -1.06	1.39 0.03 -2.72	14.79 -0.34 -0.62	24.15 -0.83 0.00	24.38 -0.74 0.00	29.23 -0.44 0.00	31.08 -0.31 0.00	33.33 -0.35 0.59	29.49 -0.39 2.50	23.59 -0.63 6.28	23.51 -0.74 0.04	23.91 -0.41 -0.18	28.28 -0.35 0.00	26.10 -0.53 0.00	29.63 -0.55 0.00	37.10 -0.54 0.00	33.84 -0.54 0.00	29.57 -0.35 0.00	32.29 -0.30 0.00	48.68 -0.48 0.00
WESTOVER___LESR 323668	27.50 -0.17 1.51	18.62 0.05 -1.84	13.97 -0.01 -2.92	13.80 -0.01 -3.24	15.94 -0.04 -2.53	5.13 0.00 -6.49	15.98 0.00 -1.47	24.94 -0.04 0.00	25.14 0.02 0.00	29.87 0.20 0.00	31.66 0.27 0.00	34.65 0.38 0.00	32.78 0.34 -0.06	30.76 0.25 0.00	24.76 0.16 -0.31	24.80 0.25 -0.41	29.02 0.39 0.00	26.95 0.32 0.00	30.61 0.43 0.00	38.07 0.43 0.00	34.74 0.32 -0.04	30.18 0.25 0.00	32.89 0.30 0.00	49.68 0.51 0.00
WETHRSFD_WT_PWR 323626	21.83 -1.86 5.49	16.76 -1.01 -1.04	11.95 -0.76 -1.65	11.68 -0.72 -1.83	13.86 -1.01 -1.43	2.38 0.09 -3.66	14.40 -0.94 -0.83	23.18 -1.79 0.00	23.36 -1.76 0.00	27.90 -1.77 0.00	29.62 -1.77 0.00	28.62 -1.86 3.79	14.12 -1.79 16.47	-13.24 -1.89 41.84	21.55 -1.74 1.00	22.87 -1.51 -0.24	27.09 -1.54 0.00	25.05 -1.59 0.00	28.48 -1.69 0.00	35.92 -1.72 0.00	32.73 -1.66 0.00	28.50 -1.43 0.00	31.11 -1.48 0.00	46.96 -2.20 0.00
WHAVSTOR_138KV_BK127 55557	30.50 1.33 0.00	23.35 0.80 -5.81	20.80 0.52 -9.22	21.29 0.50 -10.22	22.06 0.63 -7.99	19.04 -0.07 -20.47	19.86 0.70 -4.64	26.08 1.10 0.00	26.39 1.28 0.00	31.19 1.52 0.00	33.12 1.73 0.00	36.33 2.06 0.00	34.80 2.22 -0.20	32.74 2.24 0.00	27.24 1.97 -0.98	23.48 2.04 2.69	31.11 2.48 0.00	28.97 2.33 0.00	32.82 2.64 0.00	40.64 3.01 0.00	37.02 2.63 0.00	32.13 2.20 0.00	34.82 2.23 0.00	52.18 3.01 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.50 1.33 0.00	23.35 0.80 -5.81	20.80 0.52 -9.22	21.29 0.50 -10.22	22.06 0.63 -7.99	19.04 -0.07 -20.47	19.86 0.70 -4.64	26.08 1.10 0.00	26.39 1.28 0.00	31.19 1.52 0.00	33.12 1.73 0.00	36.33 2.06 0.00	34.80 2.22 -0.20	32.74 2.24 0.00	27.24 1.97 -0.98	23.48 2.04 2.69	31.11 2.48 0.00	28.97 2.33 0.00	32.82 2.64 0.00	40.64 3.01 0.00	37.02 2.63 0.00	32.13 2.20 0.00	34.82 2.23 0.00	52.18 3.01 0.00
WHITEHAL_115KV_TB1 80871	32.03 2.86 0.00	26.34 1.51 -8.09	24.92 1.02 -12.84	25.80 1.00 -14.24	25.83 1.26 -11.12	27.02 -0.12 -28.51	22.24 1.26 -6.46	27.48 2.51 0.00	27.68 2.56 0.00	32.88 3.21 0.00	34.92 3.53 0.00	38.28 4.01 0.00	36.40 3.73 -0.28	33.60 3.10 0.00	27.72 2.08 -1.35	28.36 2.00 -2.23	31.07 2.44 0.00	28.81 2.17 0.00	32.92 2.74 0.00	41.38 3.74 0.00	38.18 3.80 0.00	33.22 3.30 0.00	36.38 3.80 0.00	54.40 5.23 0.00
WHITEPLN_13_KV_LOAD 356215	30.95 1.77 0.00	23.85 1.07 -6.05	21.35 0.69 -9.60	21.87 0.66 -10.65	22.60 0.83 -8.32	19.87 -0.09 -21.32	20.28 0.93 -4.83	26.48 1.50 0.00	26.82 1.71 0.00	31.72 2.06 0.00	33.70 2.31 0.00	36.95 2.68 0.00	35.39 2.80 -0.21	33.27 2.77 0.00	27.71 2.40 -1.02	30.84 2.50 -4.20	31.66 3.03 0.00	29.49 2.85 0.00	33.41 3.23 0.00	41.36 3.72 0.00	37.64 3.25 0.00	32.68 2.75 0.00	35.39 2.81 0.00	53.01 3.85 0.00
WM_FLOYD_69_KV_BK2 356380	31.43 2.26 0.00	25.39 1.41 -7.24	23.01 0.95 -10.99	36.18 0.94 -24.67	39.01 1.18 -24.38	38.74 -0.12 -40.23	38.07 1.30 -22.26	26.98 2.00 0.00	32.34 2.17 -5.06	38.82 2.59 -6.55	36.79 2.85 -2.55	37.26 2.99 0.00	35.76 3.17 -0.21	35.37 3.21 -1.66	32.54 2.84 -5.40	49.08 2.91 -22.03	52.13 3.52 -19.98	29.81 3.18 0.00	33.87 3.69 0.00	41.81 4.17 0.00	37.92 3.53 0.00	32.88 2.95 0.00	35.57 2.98 0.00	53.08 3.92 0.00
WOODARD__115KV_TB2 355635	28.84 -0.33 0.00	17.05 -0.16 -0.48	11.70 -0.13 -0.77	11.29 -0.12 -0.85	13.94 -0.17 -0.66	0.35 0.01 -1.71	14.74 -0.16 -0.39	24.66 -0.31 0.00	24.85 -0.26 0.00	29.48 -0.19 0.00	31.22 -0.17 0.00	34.07 -0.20 0.00	32.18 -0.22 -0.02	30.18 -0.32 0.00	24.08 -0.30 -0.08	23.97 -0.27 -0.10	28.33 -0.30 0.00	26.35 -0.29 0.00	29.89 -0.29 0.00	37.24 -0.39 0.00	34.09 -0.37 -0.07	29.62 -0.30 0.00	32.29 -0.29 0.00	49.00 -0.17 0.00
YORK___WARBASSE 23770	31.01 1.84 0.00	23.91 1.11 -6.06	21.40 0.72 -9.62	21.91 0.69 -10.66	22.65 0.87 -8.34	19.90 -0.09 -21.36	20.34 0.97 -4.85	26.52 1.54 0.00	26.88 1.77 0.00	31.75 2.08 0.00	33.71 2.31 0.00	36.94 2.68 0.00	35.42 2.83 -0.21	33.35 2.85 0.00	27.83 2.51 -1.02	30.76 2.59 -4.03	31.77 3.14 0.00	29.56 2.92 0.00	33.45 3.26 -0.01	41.39 3.75 -0.01	37.65 3.25 -0.01	32.70 2.76 -0.01	35.42 2.83 -0.01	52.97 3.80 0.00