

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

07/19/2025

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	32.90	30.39	29.67	32.80	32.31	31.44	29.52	30.02	28.74	34.79	41.04	43.69	45.94	47.50	48.25	49.46	53.19	57.83	60.56	69.79	69.49	65.37	58.42	52.81
24138	2.30	2.21	2.18	2.17	2.02	1.90	1.73	1.75	1.71	2.03	2.80	3.12	3.45	3.61	3.66	3.50	3.23	3.01	2.42	2.16	1.93	1.87	2.22	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.10	-0.37	-0.53	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.90	30.41	29.71	32.86	32.39	31.52	29.58	30.08	28.76	34.82	41.07	43.74	45.97	47.52	48.28	49.49	53.24	57.96	60.74	70.08	69.81	65.68	58.64	52.94
24260	2.30	2.23	2.21	2.23	2.10	1.98	1.79	1.80	1.73	2.06	2.82	3.16	3.48	3.64	3.69	3.54	3.28	3.14	2.60	2.45	2.26	2.17	2.45	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.37	-0.53	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.90	30.41	29.71	32.86	32.39	31.52	29.58	30.08	28.76	34.82	41.07	43.74	45.97	47.52	48.28	49.49	53.24	57.96	60.74	70.08	69.81	65.68	58.64	52.94
24261	2.30	2.23	2.21	2.23	2.10	1.98	1.79	1.80	1.73	2.06	2.82	3.16	3.48	3.64	3.69	3.54	3.28	3.14	2.60	2.45	2.26	2.17	2.45	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.10	-0.37	-0.53	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	32.25	29.86	29.19	32.63	32.12	31.35	29.43	29.72	28.03	33.71	39.11	41.23	43.19	44.25	44.65	46.27	51.63	57.45	61.45	71.76	71.70	67.27	59.55	53.12
24011	1.65	1.69	1.70	2.00	1.83	1.81	1.64	1.45	1.00	0.95	0.86	0.91	0.88	1.07	1.05	1.31	1.67	2.63	3.31	4.13	4.15	3.77	3.36	2.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.09	0.33	0.47	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.41	30.03	29.39	32.88	32.29	31.54	29.60	29.86	28.08	33.72	39.12	41.28	43.22	44.37	44.76	46.40	51.83	57.88	61.90	72.34	72.27	67.81	60.01	53.44
23798	1.81	1.85	1.90	2.26	1.99	2.00	1.81	1.59	1.05	0.96	0.87	0.96	0.91	1.18	1.17	1.43	1.86	3.06	3.75	4.72	4.72	4.31	3.82	3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.08	0.33	0.47	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.25	29.86	29.19	32.63	32.12	31.35	29.43	29.72	28.03	33.71</														

ALBANY___2 23572	31.11 0.51 0.00	28.81 0.63 0.00	28.19 0.70 0.00	31.49 0.86 0.00	31.13 0.84 0.00	30.34 0.80 0.00	28.47 0.68 0.00	28.86 0.58 0.00	27.39 0.36 0.00	33.06 0.30 0.00	38.62 0.38 0.00	40.67 0.33 0.10	42.57 0.25 0.07	43.28 0.04 0.27	43.63 -0.05 0.39	45.04 0.00 0.38	49.88 -0.08 0.00	54.73 -0.09 0.00	57.89 -0.25 0.00	67.26 -0.36 0.00	67.11 -0.44 0.00	63.13 -0.37 0.00	56.03 -0.17 0.00	50.28 0.00 0.00
ALBANY___3 23573	31.11 0.51 0.00	28.81 0.63 0.00	28.19 0.70 0.00	31.49 0.86 0.00	31.13 0.84 0.00	30.34 0.80 0.00	28.47 0.68 0.00	28.86 0.58 0.00	27.39 0.36 0.00	33.06 0.30 0.00	38.62 0.38 0.00	40.67 0.33 0.10	42.57 0.25 0.07	43.28 0.04 0.27	43.63 -0.05 0.39	45.04 0.00 0.38	49.88 -0.08 0.00	54.73 -0.09 0.00	57.89 -0.25 0.00	67.26 -0.36 0.00	67.11 -0.44 0.00	63.13 -0.37 0.00	56.03 -0.17 0.00	50.28 0.00 0.00
ALBANY___4 23574	31.11 0.51 0.00	28.81 0.63 0.00	28.19 0.70 0.00	31.49 0.86 0.00	31.13 0.84 0.00	30.34 0.80 0.00	28.47 0.68 0.00	28.86 0.58 0.00	27.39 0.36 0.00	33.06 0.30 0.00	38.62 0.38 0.00	40.67 0.33 0.10	42.57 0.25 0.07	43.28 0.04 0.27	43.63 -0.05 0.39	45.04 0.00 0.38	49.88 -0.08 0.00	54.73 -0.09 0.00	57.89 -0.25 0.00	67.26 -0.36 0.00	67.11 -0.44 0.00	63.13 -0.37 0.00	56.03 -0.17 0.00	50.28 0.00 0.00
ALBANY___LFGE 323615	31.40 0.80 0.00	29.06 0.88 0.00	28.43 0.94 0.00	31.74 1.12 0.00	31.38 1.09 0.00	30.57 1.03 0.00	28.69 0.91 0.00	29.09 0.81 0.00	27.60 0.58 0.00	33.31 0.56 0.00	38.93 0.68 0.00	41.00 0.67 0.11	42.95 0.63 0.08	43.70 0.48 0.30	44.08 0.44 0.42	45.55 0.54 0.42	50.51 0.54 0.00	55.47 0.65 0.00	58.71 0.57 0.00	68.22 0.60 0.00	68.05 0.50 0.00	63.99 0.48 0.00	56.77 0.58 0.00	50.93 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	30.88 0.28 0.00	28.25 0.07 0.00	27.52 0.03 0.00	30.68 0.05 0.00	30.41 0.12 0.00	29.71 0.17 0.00	28.02 0.23 0.00	28.56 0.28 0.00	27.50 0.47 0.00	33.52 0.76 0.00	39.00 0.75 0.00	41.17 0.73 0.00	43.00 0.61 0.00	44.07 0.55 0.00	44.58 0.51 0.00	45.95 0.52 0.00	50.72 0.75 0.00	55.57 0.75 0.00	59.15 1.01 0.00	68.99 1.36 0.00	69.10 1.55 0.00	65.12 1.63 0.00	57.31 1.11 0.00	51.03 0.75 0.00
ALCOA_RYNLDS___DRP 24188	30.88 0.28 0.00	28.25 0.07 0.00	27.52 0.03 0.00	30.68 0.05 0.00	30.41 0.12 0.00	29.71 0.17 0.00	28.02 0.23 0.00	28.56 0.28 0.00	27.50 0.47 0.00	33.52 0.76 0.00	39.00 0.75 0.00	41.17 0.73 0.00	43.00 0.61 0.00	44.07 0.55 0.00	44.58 0.51 0.00	45.95 0.52 0.00	50.72 0.75 0.00	55.57 0.75 0.00	59.15 1.01 0.00	68.99 1.36 0.00	69.10 1.55 0.00	65.12 1.63 0.00	57.31 1.11 0.00	51.03 0.75 0.00
ALCOA___DSASP 323711	30.88 0.28 0.00	28.25 0.07 0.00	27.51 0.03 0.00	30.68 0.05 0.00	30.41 0.12 0.00	29.71 0.17 0.00	28.02 0.23 0.00	28.56 0.28 0.00	27.50 0.47 0.00	33.52 0.76 0.00	39.00 0.75 0.00	41.17 0.73 0.00	43.00 0.61 0.00	44.07 0.55 0.00	44.58 0.51 0.00	45.95 0.52 0.00	50.72 0.75 0.00	55.57 0.75 0.00	59.15 1.01 0.00	68.99 1.36 0.00	69.10 1.55 0.00	65.12 1.62 0.00	57.30 1.11 0.00	51.03 0.75 0.00
ALLEGHENY___COGEN 23514	31.29 0.69 0.00	28.75 0.58 0.00	27.87 0.38 0.00	30.83 0.20 0.00	30.61 0.32 0.00	29.91 0.37 0.00	28.00 0.22 0.00	28.22 -0.05 0.00	26.64 -0.39 0.00	32.52 -0.23 0.00	37.78 -0.46 0.00	40.05 -0.39 0.00	41.96 -0.44 0.00	42.99 -0.52 0.00	43.40 -0.66 0.00	44.19 -1.24 0.00	48.64 -1.33 0.00	53.64 -1.18 0.00	57.50 -0.65 0.00	68.32 0.69 0.00	69.55 2.00 0.00	65.30 1.79 0.00	57.72 1.52 0.00	52.96 2.67 0.00
ALTAMONT_115KV_TB 2 55880	31.24 0.64 0.00	28.91 0.73 0.00	28.27 0.78 0.00	31.54 0.92 0.00	31.19 0.90 0.00	30.40 0.86 0.00	28.53 0.74 0.00	28.93 0.66 0.00	27.47 0.44 0.00	33.16 0.41 0.00	38.76 0.52 0.00	40.91 0.53 0.06	42.91 0.56 0.05	43.85 0.52 0.18	44.32 0.51 0.25	45.71 0.53 0.25	50.44 0.47 0.00	55.36 0.54 0.00	58.60 0.45 0.00	68.10 0.48 0.00	68.00 0.45 0.00	63.96 0.45 0.00	56.73 0.54 0.00	50.93 0.65 0.00
ALTONA_WT_PWR 323606	30.97 0.37 0.00	28.32 0.14 0.00	27.52 0.03 0.00	30.73 0.11 0.00	30.34 0.05 0.00	29.65 0.11 0.00	27.98 0.19 0.00	28.51 0.23 0.00	27.54 0.51 0.00	33.58 0.82 0.00	39.07 0.83 0.00	41.24 0.80 0.00	43.04 0.65 0.00	43.97 0.46 0.00	44.50 0.43 0.00	45.74 0.31 0.00	50.49 0.52 0.00	55.56 0.74 0.00	58.98 0.84 0.00	68.94 1.31 0.00	68.93 1.38 0.00	64.76 1.26 0.00	57.04 0.85 0.00	50.80 0.52 0.00
AMERICAN_REF_FUEL 24010	28.50 -2.10 0.00	26.33 -1.85 0.00	25.65 -1.84 0.00	28.34 -2.29 0.00	28.22 -2.07 0.00	27.52 -2.02 0.00	25.81 -1.98 0.00	26.37 -1.90 0.00	25.60 -1.42 0.00	31.26 -1.50 0.00	35.94 -2.30 0.00	37.95 -2.49 0.00	39.60 -2.79 0.00	40.54 -2.97 0.00	41.05 -3.01 0.00	42.52 -2.91 0.00	47.23 -2.74 0.00	51.96 -2.86 0.00	55.64 -2.50 0.00	64.77 -2.85 0.00	64.67 -2.88 0.00	60.62 -2.89 0.00	53.97 -2.23 0.00	49.01 -1.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.94 -0.67 0.00	27.54 -0.64 0.00	26.82 -0.68 0.00	29.73 -0.89 0.00	29.45 -0.84 0.00	28.74 -0.80 0.00	26.98 -0.81 0.00	27.56 -0.72 0.00	26.56 -0.46 0.00	32.53 -0.23 0.00	37.78 -0.47 0.00	40.10 -0.34 0.00	41.82 -0.57 0.00	42.91 -0.60 0.00	43.55 -0.51 0.00	44.90 -0.53 0.00	49.81 -0.15 0.00	54.78 -0.04 0.00	58.48 0.33 0.00	68.36 0.73 0.00	68.13 0.58 0.00	63.80 0.30 0.00	56.40 0.20 0.00	50.74 0.46 0.00
ARTHUR KILL_GT_1 23520	32.80 2.20 0.00	30.28 2.10 0.00	29.59 2.10 0.00	32.70 2.07 0.00	32.27 1.97 0.00	31.42 1.88 0.00	29.48 1.69 0.00	29.97 1.69 0.00	28.64 1.62 0.00	34.57 1.81 0.00	40.67 2.42 0.00	43.32 2.75 -0.14	45.61 3.12 -0.10	47.23 3.34 -0.37	47.97 3.38 -0.53	49.16 3.21 -0.52	53.00 3.03 0.00	57.59 2.77 0.00	60.43 2.29 0.00	69.70 2.07 0.00	69.30 1.75 0.00	65.31 1.80 0.00	58.28 2.08 0.00	52.50 2.22 0.00
ARTHUR_KILL_2 23512	32.68 2.08 0.00	30.17 1.99 0.00	29.50 2.00 0.00	32.59 1.96 0.00	32.15 1.86 0.00	31.31 1.77 0.00	29.37 1.58 0.00	29.87 1.59 0.00	28.55 1.52 0.00	34.44 1.69 0.00	40.54 2.29 0.00	43.18 2.60 -0.14	45.45 2.96 -0.10	47.05 3.17 -0.37	47.80 3.21 -0.53	48.98 3.03 -0.52	52.79 2.82 0.00	57.35 2.53 0.00	60.18 2.04 0.00	69.40 1.77 0.00	69.01 1.46 0.00	65.02 1.52 0.00	58.04 1.85 0.00	52.30 2.02 0.00
ARTHUR_KILL_3 23513	32.56 1.96 0.00	30.08 1.90 0.00	29.39 1.90 0.00	32.50 1.87 0.00	32.03 1.74 0.00	31.16 1.62 0.00	29.25 1.45 0.00	29.72 1.44 0.00	28.44 1.41 0.00	34.39 1.63 0.00	40.53 2.29 0.00	43.17 2.59 -0.14	45.40 2.91 -0.10	46.95 3.07 -0.37	47.71 3.12 -0.53	48.90 2.95 -0.52	52.53 2.57 0.00	57.08 2.26 0.00	59.77 1.63 0.00	68.96 1.33 0.00	68.70 1.16 0.00	64.66 1.16 0.00	57.80 1.60 0.00	52.20 1.92 0.00

ARTHUR_KILL_COGEN 323718	32.80 2.20 0.00	30.28 2.10 0.00	29.59 2.11 0.00	32.70 2.07 0.00	32.26 1.97 0.00	31.42 1.88 0.00	29.48 1.69 0.00	29.97 1.69 0.00	28.65 1.62 0.00	34.57 1.81 0.00	40.67 2.43 0.00	43.32 2.75 -0.14	45.62 3.13 -0.10	47.23 3.34 -0.37	47.97 3.38 -0.53	49.16 3.21 -0.52	52.99 3.03 0.00	57.59 2.77 0.00	60.43 2.29 0.00	69.69 2.07 0.00	69.29 1.75 0.00	65.31 1.81 0.00	58.29 2.09 0.00	52.51 2.22 0.00
ASHOKAN____ 23654	32.12 1.52 0.00	29.60 1.42 0.00	28.89 1.40 0.00	32.10 1.47 0.00	31.71 1.41 0.00	30.87 1.33 0.00	28.99 1.19 0.00	29.46 1.18 0.00	27.98 0.96 0.00	33.79 1.04 0.00	39.55 1.31 0.00	41.99 1.54 0.00	44.05 1.66 0.00	45.45 1.93 0.00	46.07 2.01 0.00	47.89 2.46 0.00	52.41 2.44 0.00	57.34 2.52 0.00	60.58 2.44 0.00	70.35 2.73 0.00	70.18 2.63 0.00	65.93 2.42 0.00	58.46 2.27 0.00	52.39 2.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.66 2.06 0.00	30.15 1.97 0.00	29.48 1.99 0.00	32.57 1.94 0.00	32.12 1.83 0.00	31.26 1.72 0.00	29.33 1.54 0.00	29.85 1.57 0.00	28.51 1.48 0.00	34.47 1.72 0.00	40.54 2.30 0.00	43.23 2.66 -0.14	45.46 2.97 -0.10	47.00 3.11 -0.37	47.79 3.21 -0.53	49.06 3.11 -0.52	52.70 2.73 0.00	57.20 2.38 0.00	60.15 2.01 0.00	69.20 1.58 0.00	68.87 1.32 0.00	64.88 1.38 0.00	58.16 1.96 0.00	52.57 2.29 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.66 2.06 0.00	30.15 1.97 0.00	29.48 1.99 0.00	32.57 1.94 0.00	32.12 1.83 0.00	31.26 1.72 0.00	29.33 1.54 0.00	29.85 1.57 0.00	28.51 1.48 0.00	34.47 1.72 0.00	40.54 2.30 0.00	43.23 2.66 -0.14	45.46 2.97 -0.10	47.00 3.11 -0.37	47.79 3.21 -0.53	49.06 3.11 -0.52	52.70 2.73 0.00	57.20 2.38 0.00	60.15 2.01 0.00	69.20 1.58 0.00	68.87 1.32 0.00	64.88 1.38 0.00	58.16 1.96 0.00	52.57 2.29 0.00
ASTORIA_GT2_1 24094	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT2_2 24095	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT2_3 24096	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT2_4 24097	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT3_1 24098	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT3_2 24099	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT3_3 24100	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT3_4 24101	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT4_1 24102	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT4_2 24103	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT4_3 24104	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00

ASTORIA_GT4_4 24105	32.68 2.08 0.00	30.17 1.99 0.00	29.49 2.00 0.00	32.58 1.95 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.52 1.50 0.00	34.49 1.73 0.00	40.56 2.32 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.07 3.12 -0.52	52.73 2.76 0.00	57.22 2.40 0.00	60.18 2.03 0.00	69.25 1.62 0.00	68.90 1.35 0.00	64.94 1.44 0.00	58.17 1.98 0.00	52.59 2.31 0.00
ASTORIA_GT_1 23523	32.75 2.14 0.00	30.23 2.05 0.00	29.55 2.06 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.34 1.80 0.00	29.40 1.61 0.00	29.92 1.64 0.00	28.58 1.55 0.00	34.56 1.81 0.00	40.65 2.41 0.00	43.36 2.78 -0.14	45.58 3.10 -0.10	47.14 3.26 -0.37	47.93 3.34 -0.53	49.19 3.24 -0.52	52.85 2.89 0.00	57.35 2.53 0.00	60.33 2.19 0.00	69.41 1.79 0.00	69.07 1.52 0.00	65.08 1.58 0.00	58.32 2.12 0.00	52.70 2.41 0.00
ASTORIA_GT_10 24110	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.82 1.54 0.00	28.52 1.50 0.00	34.46 1.70 0.00	40.59 2.35 0.00	43.26 2.68 -0.14	45.49 3.00 -0.10	47.04 3.16 -0.37	47.80 3.21 -0.53	49.03 3.08 -0.52	52.65 2.69 0.00	57.16 2.34 0.00	59.92 1.78 0.00	68.91 1.28 0.00	68.33 1.02 0.23	64.53 1.12 0.10	57.88 1.68 0.00	52.33 2.05 0.00
ASTORIA_GT_11 24225	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.82 1.54 0.00	28.52 1.50 0.00	34.46 1.70 0.00	40.59 2.35 0.00	43.26 2.68 -0.14	45.49 3.00 -0.10	47.04 3.16 -0.37	47.80 3.21 -0.53	49.03 3.08 -0.52	52.65 2.69 0.00	57.16 2.34 0.00	59.92 1.78 0.00	68.91 1.28 0.00	68.33 1.02 0.23	64.53 1.12 0.10	57.88 1.68 0.00	52.33 2.05 0.00
ASTORIA_GT_12 24226	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.82 1.54 0.00	28.52 1.50 0.00	34.46 1.70 0.00	40.59 2.35 0.00	43.26 2.68 0.00	45.49 3.00 0.00	47.04 3.16 0.00	47.80 3.21 -0.53	49.03 3.08 0.00	52.65 2.69 0.00	57.16 2.34 0.00	59.92 1.78 0.00	68.91 1.28 0.00	68.33 1.02 0.23	64.53 1.12 0.10	57.88 1.68 0.00	52.33 2.05 0.00
ASTORIA_GT_13 24227	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.82 1.54 0.00	28.52 1.50 0.00	34.46 1.70 0.00	40.59 2.35 0.00	43.26 2.68 -0.14	45.49 3.00 -0.10	47.04 3.16 -0.37	47.80 3.21 -0.53	49.03 3.08 -0.52	52.65 2.69 0.00	57.16 2.34 0.00	59.92 1.78 0.00	68.91 1.28 0.00	68.33 1.02 0.23	64.53 1.12 0.10	57.88 1.68 0.00	52.33 2.05 0.00
ASTORIA_GT_5 24106	32.75 2.14 0.00	30.23 2.05 0.00	29.55 2.06 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.34 1.80 0.00	29.40 1.61 0.00	29.92 1.64 0.00	28.58 1.55 0.00	34.56 1.81 0.00	40.65 2.41 0.00	43.36 2.78 -0.14	45.58 3.10 -0.10	47.14 3.26 -0.37	47.93 3.34 -0.53	49.19 3.24 -0.52	52.85 2.89 0.00	57.35 2.53 0.00	60.33 2.19 0.00	69.41 1.79 0.00	69.07 1.52 0.00	65.08 1.58 0.00	58.32 2.12 0.00	52.70 2.41 0.00
ASTORIA_GT_7 24107	32.75 2.14 0.00	30.23 2.05 0.00	29.55 2.06 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.34 1.80 0.00	29.40 1.61 0.00	29.92 1.64 0.00	28.58 1.55 0.00	34.56 1.81 0.00	40.65 2.41 0.00	43.36 2.78 -0.14	45.58 3.10 -0.10	47.14 3.26 -0.37	47.93 3.34 -0.53	49.19 3.24 -0.52	52.85 2.89 0.00	57.35 2.53 0.00	60.33 2.19 0.00	69.41 1.79 0.00	69.07 1.52 0.00	65.08 1.58 0.00	58.32 2.12 0.00	52.70 2.41 0.00
ASTORIA_GT_8 24108	32.75 2.14 0.00	30.23 2.05 0.00	29.55 2.06 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.34 1.80 0.00	29.40 1.61 0.00	29.92 1.64 0.00	28.58 1.55 0.00	34.56 1.81 0.00	40.65 2.41 0.00	43.36 2.78 -0.14	45.58 3.10 -0.10	47.14 3.26 -0.37	47.93 3.34 -0.53	49.19 3.24 -0.52	52.85 2.89 0.00	57.35 2.53 0.00	60.33 2.19 0.00	69.41 1.79 0.00	69.07 1.52 0.00	65.08 1.58 0.00	58.32 2.12 0.00	52.70 2.41 0.00
ASTORIA___2 24149	32.67 2.07 0.00	30.16 1.98 0.00	29.49 2.00 0.00	32.58 1.96 0.00	32.14 1.84 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.86 1.59 0.00	28.53 1.50 0.00	34.49 1.73 0.00	40.56 2.31 0.00	43.26 2.68 -0.14	45.48 3.00 -0.10	47.02 3.14 -0.37	47.82 3.23 -0.53	49.08 3.13 -0.52	52.73 2.76 0.00	57.23 2.40 0.00	60.17 2.03 0.00	69.24 1.62 0.00	68.88 1.33 0.00	64.92 1.42 0.00	58.20 2.00 0.00	52.60 2.31 0.00
ASTORIA___3 23516	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.81 1.53 0.00	28.53 1.50 0.00	34.46 1.70 0.00	40.60 2.35 0.00	43.25 2.68 -0.14	45.49 3.00 -0.10	47.04 3.16 -0.37	47.80 3.21 -0.53	49.04 3.09 -0.52	52.65 2.68 0.00	57.16 2.34 0.00	59.92 1.78 0.00	68.88 1.26 0.00	68.32 1.01 0.23	64.53 1.13 0.10	57.88 1.68 0.00	52.34 2.06 0.00
ASTORIA___4 23517	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.81 1.54 0.00	28.52 1.50 0.00	34.46 1.70 0.00	40.59 2.35 0.00	43.26 2.68 -0.14	45.49 3.00 -0.10	47.04 3.16 -0.37	47.80 3.20 -0.53	49.03 3.08 -0.52	52.65 2.69 0.00	57.16 2.34 0.00	59.92 1.78 0.00	68.90 1.27 0.00	68.33 1.02 0.23	64.53 1.12 0.10	57.87 1.67 0.00	52.33 2.05 0.00
ASTORIA___5 23518	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.81 1.53 0.00	28.53 1.50 0.00	34.46 1.70 0.00	40.60 2.35 0.00	43.25 2.68 -0.14	45.49 3.00 -0.10	47.04 3.16 -0.37	47.80 3.21 -0.53	49.04 3.09 -0.52	52.65 2.68 0.00	57.16 2.34 0.00	59.92 1.77 0.00	68.88 1.26 0.00	68.32 1.01 0.23	64.53 1.13 0.10	57.88 1.68 0.00	52.34 2.06 0.00
AST_ENERGY_2_CC3 323677	32.64 2.04 0.00	30.16 1.98 0.00	29.46 1.97 0.00	32.59 1.96 0.00	32.12 1.82 0.00	31.24 1.69 0.00	29.32 1.53 0.00	29.80 1.52 0.00	28.50 1.47 0.00	34.48 1.72 0.00	40.64 2.39 0.00	43.27 2.69 -0.14	45.48 2.99 -0.10	47.04 3.16 -0.37	47.78 3.19 -0.53	49.00 3.05 -0.52	52.67 2.70 0.00	57.30 2.48 0.00	60.05 1.90 0.00	69.26 1.63 0.00	68.99 1.44 0.00	64.91 1.41 0.00	58.00 1.80 0.00	52.37 2.09 0.00
AST_ENERGY_2_CC4 323678	32.64 2.04 0.00	30.16 1.98 0.00	29.46 1.97 0.00	32.59 1.96 0.00	32.12 1.82 0.00	31.24 1.69 0.00	29.32 1.53 0.00	29.80 1.52 0.00	28.50 1.47 0.00	34.48 1.72 0.00	40.64 2.39 0.00	43.27 2.69 -0.14	45.48 2.99 -0.10	47.04 3.16 -0.37	47.78 3.19 -0.53	49.00 3.05 -0.52	52.67 2.70 0.00	57.30 2.48 0.00	60.05 1.90 0.00	69.26 1.63 0.00	68.99 1.44 0.00	64.91 1.41 0.00	58.00 1.80 0.00	52.37 2.09 0.00

ATHENS_STG_1 23668	31.41 0.81 0.00	29.04 0.86 0.00	28.38 0.89 0.00	31.61 0.98 0.00	31.24 0.95 0.00	30.43 0.89 0.00	28.57 0.77 0.00	28.99 0.71 0.00	27.53 0.51 0.00	33.27 0.51 0.00	38.97 0.72 0.00	41.30 0.81 -0.06	43.35 0.92 -0.04	44.63 0.97 -0.15	45.25 0.97 -0.22	46.56 0.92 -0.21	50.73 0.76 0.00	55.54 0.72 0.00	58.58 0.43 0.00	67.92 0.29 0.00	67.79 0.24 0.00	63.74 0.24 0.00	56.64 0.45 0.00	50.93 0.65 0.00
ATHENS_STG_2 23670	31.41 0.81 0.00	29.04 0.86 0.00	28.38 0.89 0.00	31.61 0.98 0.00	31.24 0.95 0.00	30.43 0.89 0.00	28.57 0.77 0.00	28.99 0.71 0.00	27.53 0.51 0.00	33.27 0.51 0.00	38.97 0.72 0.00	41.30 0.81 -0.06	43.35 0.92 -0.04	44.63 0.97 -0.15	45.25 0.97 -0.22	46.56 0.92 -0.21	50.73 0.76 0.00	55.54 0.72 0.00	58.58 0.43 0.00	67.92 0.29 0.00	67.79 0.24 0.00	63.74 0.24 0.00	56.64 0.45 0.00	50.93 0.65 0.00
ATHENS_STG_3 23677	31.41 0.81 0.00	29.04 0.86 0.00	28.38 0.89 0.00	31.61 0.98 0.00	31.24 0.95 0.00	30.43 0.89 0.00	28.57 0.77 0.00	28.99 0.71 0.00	27.53 0.51 0.00	33.27 0.51 0.00	38.97 0.72 0.00	41.30 0.81 -0.06	43.35 0.92 -0.04	44.63 0.97 -0.15	45.25 0.97 -0.22	46.56 0.92 -0.21	50.73 0.76 0.00	55.54 0.72 0.00	58.58 0.43 0.00	67.92 0.29 0.00	67.79 0.24 0.00	63.74 0.24 0.00	56.64 0.45 0.00	50.93 0.65 0.00
AUBURN___LFGE 323710	30.77 0.17 0.00	28.31 0.13 0.00	27.57 0.08 0.00	30.66 0.03 0.00	30.35 0.06 0.00	29.58 0.04 0.00	27.78 -0.01 0.00	28.21 -0.07 0.00	26.83 -0.20 0.00	32.48 -0.28 0.00	37.81 -0.44 0.00	40.06 -0.38 0.00	41.99 -0.41 0.00	43.20 -0.31 0.00	43.96 -0.10 0.00	45.43 0.00 0.00	50.20 0.23 0.00	55.24 0.42 0.00	58.99 0.85 0.00	68.88 1.25 0.00	68.59 1.04 0.00	64.91 0.94 -0.47	57.15 0.84 -0.12	51.08 0.80 0.00
BABYLON_RES_REC 323704	32.31 1.71 0.00	30.15 1.96 0.00	29.39 1.90 0.00	32.49 1.86 0.00	31.95 1.66 0.00	31.03 1.49 0.00	29.13 1.34 0.00	29.36 1.08 0.00	27.75 1.04 0.31	34.32 1.56 0.00	41.21 2.96 0.00	43.60 3.01 -0.14	45.69 3.15 -0.15	47.10 3.12 -0.48	47.81 3.18 -0.57	47.25 2.63 0.80	50.76 1.78 0.98	55.32 1.65 1.15	58.91 0.77 0.00	53.59 0.20 14.24	37.50 0.19 30.24	45.17 0.21 18.54	40.64 0.59 16.15	38.58 1.34 13.03
BALL_HILL_WT_PWR 323825	29.61 -1.00 0.00	27.28 -0.89 0.00	26.55 -0.95 0.00	29.39 -1.23 0.00	29.17 -1.12 0.00	28.48 -1.06 0.00	26.68 -1.11 0.00	27.21 -1.06 0.00	26.24 -0.78 0.00	32.12 -0.63 0.00	37.25 -0.99 0.00	39.47 -0.97 0.00	41.21 -1.18 0.00	42.25 -1.26 0.00	42.86 -1.20 0.00	44.21 -1.22 0.00	49.02 -0.95 0.00	53.90 -0.92 0.00	57.54 -0.61 0.00	67.13 -0.50 0.00	66.98 -0.57 0.00	62.75 -0.75 0.00	55.73 -0.46 0.00	50.31 0.03 0.00
BARON_WINDS___WT_PWR 323822	30.20 -0.41 0.00	27.76 -0.42 0.00	26.86 -0.64 0.00	29.69 -0.93 0.00	29.48 -0.81 0.00	28.79 -0.75 0.00	26.95 -0.84 0.00	27.32 -0.95 0.00	26.09 -0.94 0.00	31.83 -0.92 0.00	37.09 -1.15 0.00	39.32 -1.12 0.00	41.18 -1.22 0.00	42.21 -1.30 0.00	42.84 -1.22 0.00	44.02 -1.41 0.00	48.66 -1.30 0.00	53.48 -1.34 0.00	57.25 -0.90 0.00	67.27 -0.36 0.00	67.47 -0.08 0.00	63.36 -0.26 -0.11	56.15 -0.08 -0.03	50.60 0.31 0.00
BARRETT_IC_1 23704	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_10 23701	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_11 23702	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_12 23703	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_2 23705	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_3 23706	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_4 23707	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_5 23708	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13

BARRETT_IC_6 23709	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_7 23710	32.25 1.65 0.00	30.09 1.91 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.14 0.00	29.25 0.97 0.00	27.55 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.91 -0.23	47.64 3.20 -2.05	48.61 3.21 -1.89	48.89 3.30 -1.53	72.02 2.98 -23.61	52.03 2.06 0.00	56.72 1.90 0.00	59.27 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.07 0.21 21.65	39.20 0.55 17.54	51.13 0.98 0.13
BARRETT_IC_8 23711	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT_IC_9 23700	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT___1 23545	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BARRETT___2 23546	32.26 1.66 0.00	30.09 1.92 0.00	29.33 1.84 0.00	32.34 1.71 0.00	31.82 1.53 0.00	30.86 1.32 0.00	28.93 1.13 0.00	29.24 0.97 0.00	27.54 0.88 0.37	34.08 1.32 0.00	40.76 2.51 0.00	43.58 2.90 -0.24	47.56 3.11 -2.05	48.48 3.07 -1.89	48.76 3.16 -1.53	71.72 2.67 -23.61	52.03 2.06 -0.01	56.72 1.90 -0.01	59.26 1.12 0.00	51.52 0.52 16.62	32.17 0.20 35.58	42.05 0.19 21.65	39.18 0.52 17.54	51.05 0.90 0.13
BATAVIA__115KV_TB1 55881	29.85 -0.75 0.00	27.53 -0.65 0.00	26.81 -0.69 0.00	29.63 -1.00 0.00	29.44 -0.85 0.00	28.73 -0.81 0.00	26.95 -0.84 0.00	27.41 -0.86 0.00	26.40 -0.62 0.00	32.17 -0.59 0.00	37.06 -1.19 0.00	39.15 -1.29 0.00	40.94 -1.45 0.00	42.05 -1.46 0.00	42.69 -1.37 0.00	44.30 -1.13 0.00	49.27 -0.70 0.00	54.44 -0.38 0.00	58.63 0.49 0.00	68.55 0.92 0.00	68.46 0.91 0.00	64.14 0.63 0.00	56.81 0.61 0.00	51.21 0.93 0.00
BAYONEEC___CTG1 323682	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BAYONEEC___CTG10 323750	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BAYONEEC___CTG2 323683	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BAYONEEC___CTG3 323684	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BAYONEEC___CTG4 323685	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BAYONEEC___CTG5 323686	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BAYONEEC___CTG6 323687	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BAYONEEC___CTG7 323688	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00

BAYONEEC___CTG8 323689	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BAYONEEC___CTG9 323749	32.67 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.53 1.50 0.00	34.52 1.76 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.57 3.08 -0.10	47.12 3.24 -0.37	47.85 3.26 -0.53	49.06 3.10 -0.52	52.74 2.77 0.00	57.35 2.53 0.00	60.09 1.94 0.00	69.32 1.70 0.00	69.04 1.49 0.00	64.97 1.47 0.00	58.06 1.86 0.00	52.44 2.16 0.00
BEACON___LESR 323632	31.46 0.86 0.00	29.12 0.94 0.00	28.51 1.02 0.00	31.79 1.16 0.00	31.41 1.12 0.00	30.59 1.05 0.00	28.76 0.97 0.00	29.13 0.85 0.00	27.70 0.68 0.00	33.47 0.71 0.00	39.11 0.87 0.00	41.17 0.84 0.11	43.15 0.83 0.07	43.94 0.72 0.29	44.31 0.67 0.41	45.84 0.82 0.41	50.82 0.85 0.00	55.78 0.96 0.00	59.11 0.96 0.00	68.64 1.02 0.00	68.36 0.81 0.00	64.23 0.73 0.00	57.01 0.82 0.00	51.14 0.86 0.00
BEAVER RIVER___HYD 24048	31.82 1.22 0.00	29.17 0.98 0.00	28.36 0.87 0.00	31.58 0.95 0.00	31.26 0.97 0.00	30.48 0.94 0.00	28.63 0.83 0.00	28.95 0.67 0.00	27.43 0.40 0.00	33.13 0.37 0.00	38.57 0.33 0.00	40.70 0.26 0.00	42.69 0.30 0.00	43.77 0.25 0.00	44.17 0.11 0.00	45.58 0.15 0.00	50.84 0.87 0.00	56.17 1.35 0.00	60.52 2.37 0.00	71.59 3.97 0.00	71.79 4.24 0.00	67.86 4.12 -0.24	59.62 3.37 -0.06	52.96 2.68 0.00
BEEBEE_GT_13 23619	29.89 -0.71 0.00	27.56 -0.62 0.00	26.85 -0.64 0.00	29.74 -0.89 0.00	29.50 -0.79 0.00	28.78 -0.76 0.00	27.00 -0.79 0.00	27.49 -0.79 0.00	26.42 -0.60 0.00	32.26 -0.50 0.00	37.43 -0.81 0.00	39.63 -0.81 0.00	41.52 -0.88 0.00	42.65 -0.86 0.00	43.26 -0.80 0.00	44.82 -0.61 0.00	49.65 -0.32 0.00	54.70 -0.12 0.00	58.38 0.24 0.00	67.85 0.22 0.00	67.64 0.10 0.00	63.42 -0.08 0.00	56.15 -0.05 0.00	50.47 0.19 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.99 2.39 0.00	30.44 2.26 0.00	29.74 2.24 0.00	32.84 2.21 0.00	32.38 2.09 0.00	31.52 1.98 0.00	29.58 1.79 0.00	30.09 1.82 0.00	28.79 1.76 0.00	34.79 2.03 0.00	40.97 2.73 0.00	43.68 3.11 -0.14	45.96 3.47 -0.10	47.56 3.67 -0.37	48.32 3.73 -0.53	49.54 3.59 -0.52	53.25 3.28 0.00	57.82 3.00 0.00	60.68 2.53 0.00	69.88 2.25 0.00	69.62 2.06 0.00	65.60 2.10 0.00	58.66 2.47 0.00	52.93 2.65 0.00
BETHLEHEM___GRP 23843	31.11 0.51 0.00	28.81 0.63 0.00	28.19 0.70 0.00	31.49 0.86 0.00	31.13 0.84 0.00	30.34 0.80 0.00	28.47 0.68 0.00	28.86 0.58 0.00	27.39 0.36 0.00	33.06 0.30 0.00	38.62 0.38 0.00	40.67 0.33 0.10	42.57 0.25 0.07	43.28 0.04 0.27	43.63 -0.05 0.39	45.04 0.00 0.38	49.88 -0.08 0.00	54.73 -0.09 0.00	57.89 -0.25 0.00	67.26 -0.36 0.00	67.11 -0.44 0.00	63.13 -0.37 0.00	56.03 -0.17 0.00	50.28 0.00 0.00
BETHLEHEM___GS1 323560	31.11 0.51 0.00	28.81 0.63 0.00	28.20 0.70 0.00	31.49 0.87 0.00	31.14 0.84 0.00	30.34 0.80 0.00	28.47 0.68 0.00	28.86 0.58 0.00	27.39 0.36 0.00	33.06 0.30 0.00	38.62 0.38 0.00	40.67 0.33 0.10	42.58 0.26 0.07	43.28 0.04 0.27	43.63 -0.05 0.39	45.04 0.00 0.38	49.88 -0.08 0.00	54.73 -0.09 0.00	57.89 -0.25 0.00	67.27 -0.36 0.00	67.11 -0.44 0.00	63.13 -0.37 0.00	56.03 -0.17 0.00	50.28 0.00 0.00
BETHLEHEM___GS2 323561	31.11 0.51 0.00	28.81 0.63 0.00	28.20 0.70 0.00	31.49 0.87 0.00	31.14 0.84 0.00	30.34 0.80 0.00	28.47 0.68 0.00	28.86 0.58 0.00	27.39 0.36 0.00	33.06 0.30 0.00	38.62 0.38 0.00	40.67 0.33 0.10	42.58 0.26 0.07	43.28 0.04 0.27	43.63 -0.05 0.39	45.04 0.00 0.38	49.88 -0.08 0.00	54.73 -0.09 0.00	57.89 -0.25 0.00	67.27 -0.36 0.00	67.11 -0.44 0.00	63.13 -0.37 0.00	56.03 -0.17 0.00	50.28 0.00 0.00
BETHLEHEM___GS3 323562	31.11 0.51 0.00	28.81 0.63 0.00	28.20 0.70 0.00	31.49 0.87 0.00	31.14 0.84 0.00	30.34 0.80 0.00	28.47 0.68 0.00	28.86 0.58 0.00	27.39 0.36 0.00	33.06 0.30 0.00	38.62 0.38 0.00	40.67 0.33 0.10	42.58 0.26 0.07	43.28 0.04 0.27	43.63 -0.05 0.39	45.04 0.00 0.38	49.88 -0.08 0.00	54.73 -0.09 0.00	57.89 -0.25 0.00	67.27 -0.36 0.00	67.11 -0.44 0.00	63.13 -0.37 0.00	56.03 -0.17 0.00	50.28 0.00 0.00
BETHLEHEM___STEEL 23779	29.40 -1.20 0.00	27.12 -1.06 0.00	26.39 -1.10 0.00	29.18 -1.45 0.00	28.99 -1.30 0.00	28.29 -1.25 0.00	26.53 -1.27 0.00	27.04 -1.24 0.00	26.14 -0.89 0.00	32.02 -0.73 0.00	37.03 -1.22 0.00	39.18 -1.26 0.00	40.92 -1.47 0.00	41.97 -1.55 0.00	42.54 -1.53 0.00	43.98 -1.44 0.00	48.83 -1.14 0.00	53.73 -1.09 0.00	57.40 -0.74 0.00	66.90 -0.72 0.00	66.74 -0.81 0.00	62.59 -0.92 0.00	55.59 -0.61 0.00	50.17 -0.11 0.00
BETHLHEM_115KV_TB1 79974	31.13 0.53 0.00	28.83 0.65 0.00	28.21 0.72 0.00	31.50 0.87 0.00	31.14 0.85 0.00	30.34 0.80 0.00	28.48 0.69 0.00	28.88 0.60 0.00	27.41 0.38 0.00	33.10 0.34 0.00	38.67 0.43 0.00	40.73 0.38 0.09	42.66 0.33 0.07	43.41 0.15 0.26	43.78 0.09 0.37	45.19 0.13 0.36	50.02 0.06 0.00	54.87 0.05 0.00	58.04 -0.10 0.00	67.43 -0.20 0.00	67.27 -0.28 0.00	63.28 -0.22 0.00	56.17 -0.03 0.00	50.40 0.12 0.00
BETHPAGE_CC_5 323564	32.21 1.61 0.00	30.02 1.84 0.00	29.28 1.79 0.00	32.37 1.74 0.00	31.83 1.54 0.00	30.93 1.39 0.00	29.02 1.23 0.00	29.29 1.01 0.00	27.72 0.99 0.29	34.24 1.48 0.00	41.01 2.76 0.00	43.64 3.05 -0.15	45.88 3.28 -0.21	47.34 3.31 -0.51	48.05 3.38 -0.60	48.25 2.89 0.08	51.46 2.17 0.68	56.08 2.05 0.79	59.34 1.20 0.00	54.98 0.66 13.31	39.80 0.41 28.16	46.68 0.51 17.33	41.97 0.81 15.04	39.51 1.17 11.94
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.46 -1.14 0.00	27.17 -1.01 0.00	26.43 -1.06 0.00	29.23 -1.40 0.00	29.03 -1.27 0.00	28.33 -1.21 0.00	26.57 -1.22 0.00	27.09 -1.19 0.00	26.19 -0.84 0.00	32.09 -0.67 0.00	37.12 -1.13 0.00	39.28 -1.16 0.00	41.04 -1.35 0.00	42.09 -1.42 0.00	42.68 -1.38 0.00	44.14 -1.29 0.00	48.99 -0.97 0.00	53.89 -0.93 0.00	57.58 -0.56 0.00	67.08 -0.55 0.00	66.91 -0.64 0.00	62.74 -0.77 0.00	55.70 -0.49 0.00	50.26 -0.02 0.00
BINGHAMTON___COGEN 23790	30.73 0.13 0.00	28.30 0.12 0.00	27.56 0.07 0.00	30.66 0.04 0.00	30.33 0.04 0.00	29.57 0.03 0.00	27.72 -0.07 0.00	28.15 -0.12 0.00	26.80 -0.23 0.00	32.54 -0.21 0.00	38.10 -0.15 0.00	40.41 -0.03 0.00	42.36 -0.03 0.00	43.49 -0.02 0.00	44.14 0.07 0.00	45.40 -0.02 0.00	49.99 0.02 0.00	54.90 0.08 0.00	58.30 0.16 0.00	67.90 0.28 0.00	67.81 0.26 0.00	63.81 0.10 -0.21	56.43 0.18 -0.05	50.66 0.37 0.00

BIXINCNT_115KV_LOAD 355685	29.84 -0.76 0.00	27.50 -0.68 0.00	26.75 -0.75 0.00	29.52 -1.10 0.00	29.22 -1.07 0.00	28.68 -0.86 0.00	26.90 -0.89 0.00	27.44 -0.84 0.00	26.49 -0.53 0.00	32.42 -0.34 0.00	37.66 -0.59 0.00	39.85 -0.59 0.00	41.53 -0.86 0.00	42.60 -0.91 0.00	43.22 -0.84 0.00	44.56 -0.87 0.00	49.30 -0.67 0.00	54.18 -0.64 0.00	57.87 -0.28 0.00	67.46 -0.17 0.00	67.30 -0.25 0.00	63.15 -0.35 0.00	56.11 -0.09 0.00	50.62 0.34 0.00
BLACK RIVER___HYD 24047	32.13 1.53 0.00	29.45 1.27 0.00	28.59 1.10 0.00	31.82 1.20 0.00	31.48 1.19 0.00	30.69 1.15 0.00	28.77 0.97 0.00	29.04 0.76 0.00	27.38 0.36 0.00	32.98 0.22 0.00	38.46 0.21 0.00	40.54 0.10 0.00	42.60 0.21 0.00	43.68 0.16 0.00	44.09 0.03 0.00	45.58 0.15 0.00	51.11 1.14 0.00	56.49 1.67 0.00	61.02 2.88 0.00	72.73 5.10 0.00	72.93 5.38 0.00	69.05 5.14 -0.40	60.60 4.30 -0.10	53.66 3.38 0.00
BLACKRVR_115KV_TB2 79977	32.14 1.53 0.00	29.45 1.27 0.00	28.59 1.10 0.00	31.83 1.20 0.00	31.48 1.19 0.00	30.69 1.15 0.00	28.77 0.97 0.00	29.04 0.76 0.00	27.38 0.36 0.00	32.98 0.22 0.00	38.46 0.21 0.00	40.54 0.10 0.00	42.60 0.21 0.00	43.68 0.17 0.00	44.09 0.03 0.00	45.59 0.16 0.00	51.11 1.14 0.00	56.49 1.67 0.00	61.03 2.88 0.00	72.73 5.10 0.00	72.93 5.38 0.00	69.05 5.14 -0.40	60.60 4.30 -0.10	53.66 3.38 0.00
BLDWN_LI_69_KV_BK4 356085	32.52 1.92 0.00	30.28 2.09 0.00	29.51 2.02 0.00	32.58 1.96 0.00	32.05 1.76 0.00	31.11 1.57 0.00	29.18 1.39 0.00	29.50 1.23 0.00	27.97 1.19 0.25	34.47 1.71 0.00	41.20 2.96 0.00	43.94 3.33 -0.17	46.78 3.70 -0.69	48.16 3.77 -0.87	48.81 3.91 -0.84	55.07 3.59 -6.04	52.66 2.69 0.00	57.42 2.60 0.00	59.96 1.82 0.00	57.44 1.37 11.55	44.41 1.07 24.20	49.65 1.20 15.05	44.93 1.43 12.69	44.86 1.69 7.12
BLISS_WT_PWR 323608	29.80 -0.80 0.00	27.46 -0.72 0.00	26.70 -0.79 0.00	29.46 -1.17 0.00	29.15 -1.14 0.00	28.65 -0.89 0.00	26.87 -0.92 0.00	27.44 -0.84 0.00	26.49 -0.53 0.00	32.43 -0.33 0.00	37.67 -0.57 0.00	39.87 -0.57 0.00	41.55 -0.84 0.00	42.62 -0.89 0.00	43.23 -0.84 0.00	44.55 -0.88 0.00	49.30 -0.66 0.00	54.18 -0.64 0.00	57.88 -0.26 0.00	67.51 -0.12 0.00	67.33 -0.22 0.00	63.12 -0.38 0.00	56.13 -0.07 0.00	50.65 0.37 0.00
BLUESTONE___WT_PWR 323821	32.10 1.49 0.00	29.50 1.32 0.00	28.70 1.21 0.00	31.90 1.27 0.00	31.55 1.26 0.00	30.55 1.01 0.00	28.23 0.44 0.00	28.66 0.38 0.00	27.09 0.07 0.00	33.26 0.51 0.00	39.36 1.11 0.00	41.63 1.19 0.00	43.55 1.16 0.00	44.58 1.06 0.00	45.04 0.97 0.00	46.44 1.01 0.00	51.43 1.46 0.00	56.92 2.10 0.00	60.49 2.35 0.00	70.69 3.07 0.00	70.93 3.38 0.00	66.19 2.51 -0.18	58.00 1.76 -0.05	51.82 1.54 0.00
BLUE_CIRC_CHEM_DRP 24182	30.83 0.23 0.00	28.91 0.73 0.00	28.34 0.85 0.00	31.67 1.05 0.00	31.35 1.06 0.00	30.56 1.02 0.00	28.67 0.88 0.00	29.03 0.75 0.00	27.50 0.47 0.00	33.19 0.43 0.00	38.77 0.53 0.00	40.88 0.50 0.06	42.84 0.49 0.05	43.69 0.36 0.18	44.14 0.33 0.25	45.59 0.41 0.25	50.30 0.33 0.00	55.26 0.44 0.00	58.55 0.41 0.00	68.15 0.52 0.00	68.07 0.52 0.00	64.02 0.52 0.00	56.79 0.60 0.00	50.96 0.68 0.00
BOC_GAS_DRP 24189	31.11 0.51 0.00	28.81 0.63 0.00	28.18 0.69 0.00	31.45 0.83 0.00	31.11 0.82 0.00	30.31 0.77 0.00	28.46 0.67 0.00	28.86 0.58 0.00	27.42 0.39 0.00	33.13 0.37 0.00	38.73 0.49 0.00	40.88 0.50 0.06	42.87 0.52 0.04	43.82 0.48 0.17	44.26 0.44 0.24	45.62 0.43 0.24	50.30 0.34 0.00	55.15 0.33 0.00	58.29 0.15 0.00	67.70 0.08 0.00	67.58 0.03 0.00	63.55 0.05 0.00	56.42 0.23 0.00	50.66 0.38 0.00
BOONVILLE_115KV_TB1 79983	31.59 0.99 0.00	29.02 0.85 0.00	28.26 0.77 0.00	31.46 0.83 0.00	31.12 0.83 0.00	30.35 0.81 0.00	28.51 0.72 0.00	28.88 0.60 0.00	27.41 0.38 0.00	33.16 0.40 0.00	38.69 0.45 0.00	40.88 0.44 0.00	42.89 0.50 0.00	44.07 0.56 0.00	44.59 0.53 0.00	46.01 0.58 0.00	50.98 1.02 0.00	56.21 1.39 0.00	60.20 2.06 0.00	70.58 2.95 0.00	70.65 3.10 0.00	66.51 2.90 -0.12	58.65 2.42 -0.03	52.29 2.00 0.00
BORALEX_4TH_BRANCH 23824	31.98 1.38 0.00	29.68 1.50 0.00	29.02 1.52 0.00	32.62 1.99 0.00	32.21 1.92 0.00	31.41 1.87 0.00	29.46 1.67 0.00	29.78 1.51 0.00	28.14 1.11 0.00	33.80 1.05 0.00	39.29 1.05 0.00	40.97 0.80 0.27	43.00 0.80 0.19	43.61 0.84 0.74	43.75 0.73 1.05	45.13 0.74 1.04	50.72 0.76 0.00	55.94 1.12 0.00	59.35 1.21 0.00	69.05 1.43 0.00	68.81 1.26 0.00	64.81 1.31 0.00	57.66 1.46 0.00	51.77 1.49 0.00
BOWLINE___1 23526	32.20 1.60 0.00	29.78 1.60 0.00	29.12 1.63 0.00	32.26 1.63 0.00	31.80 1.51 0.00	30.96 1.42 0.00	29.04 1.25 0.00	29.49 1.21 0.00	28.16 1.13 0.00	34.06 1.30 0.00	40.09 1.84 0.00	42.67 2.10 -0.13	44.82 2.34 -0.09	46.36 2.50 -0.35	47.11 2.55 -0.50	48.32 2.40 -0.49	52.08 2.12 0.00	56.76 1.94 0.00	59.57 1.42 0.00	68.85 1.23 0.00	68.61 1.07 0.00	64.55 1.05 0.00	57.57 1.37 0.00	51.87 1.59 0.00
BOWLINE___2 23595	32.16 1.56 0.00	29.76 1.58 0.00	29.11 1.62 0.00	32.26 1.63 0.00	31.80 1.51 0.00	30.96 1.42 0.00	29.05 1.26 0.00	29.49 1.21 0.00	28.16 1.13 0.00	34.05 1.29 0.00	40.06 1.82 0.00	42.64 2.07 -0.13	44.78 2.30 -0.09	46.31 2.45 -0.35	47.07 2.51 -0.50	48.28 2.36 -0.49	52.03 2.06 0.00	56.70 1.88 0.00	59.49 1.35 0.00	68.77 1.14 0.00	68.53 0.98 0.00	64.46 0.96 0.00	57.48 1.28 0.00	51.80 1.51 0.00
BRADY___115KV_TB2 356060	31.28 0.68 0.00	28.59 0.41 0.00	27.83 0.34 0.00	31.02 0.40 0.00	30.77 0.48 0.00	30.06 0.52 0.00	28.35 0.56 0.00	28.78 0.51 0.00	27.61 0.58 0.00	33.63 0.87 0.00	39.11 0.87 0.00	41.31 0.87 0.00	43.09 0.70 0.00	44.16 0.65 0.00	44.65 0.58 0.00	46.01 0.58 0.00	50.84 0.87 0.00	55.75 0.93 0.00	59.83 1.68 0.00	70.11 2.49 0.00	70.30 2.76 0.00	66.33 2.82 0.00	58.29 2.09 0.00	51.83 1.55 0.00
BRANSCOMB___SOLAR 323811	32.03 1.43 0.00	29.63 1.45 0.00	28.96 1.47 0.00	32.37 1.74 0.00	31.93 1.64 0.00	31.13 1.59 0.00	29.22 1.43 0.00	29.52 1.25 0.00	27.87 0.84 0.00	33.52 0.76 0.00	38.99 0.74 0.00	41.05 0.75 0.14	43.06 0.76 0.10	43.99 0.85 0.37	44.37 0.84 0.53	45.93 1.02 0.52	51.21 1.25 0.00	56.74 1.92 0.00	60.51 2.37 0.00	70.57 2.94 0.00	70.48 2.93 0.00	66.19 2.69 0.00	58.68 2.48 0.00	52.49 2.20 0.00
BRDGHMPT_69_KV_BK1 55812	32.88 2.28 0.00	30.69 2.51 0.00	29.91 2.42 0.00	33.14 2.51 0.00	32.55 2.26 0.00	31.61 2.07 0.00	29.83 2.04 0.00	29.84 1.56 0.00	28.32 1.64 0.35	35.23 2.47 0.00	42.51 4.27 0.00	45.20 4.62 -0.14	47.49 5.05 -0.05	49.01 5.10 -0.40	49.85 5.27 -0.52	48.17 4.77 2.03	51.99 4.00 1.98	56.78 4.28 2.32	61.52 3.38 0.00	55.09 3.06 15.60	36.98 2.71 33.28	45.70 2.51 20.32	40.61 2.18 17.77	37.53 1.99 14.74



BRENTWOD_69_KV_W. BRTWOOD 56703	32.33 1.73 0.00	30.20 2.02 0.00	29.48 1.99 0.00	32.58 1.96 0.00	32.04 1.75 0.00	31.13 1.59 0.00	29.23 1.44 0.00	29.41 1.13 0.00	27.77 1.08 0.34	34.41 1.66 0.00	41.40 3.16 0.00	44.09 3.51 -0.14	46.31 3.84 -0.07	47.75 3.83 -0.41	48.49 3.90 -0.53	47.10 3.50 1.83	49.94 2.48 2.51	54.41 2.53 2.93	59.76 1.62 0.00	53.41 1.09 15.31	35.86 0.94 32.63	44.42 0.86 19.94	39.81 1.05 17.44	37.15 1.33 14.46
BRISTLHL_115KV_TB1 79998	29.96 -0.64 0.00	27.60 -0.58 0.00	26.91 -0.59 0.00	29.93 -0.69 0.00	29.62 -0.67 0.00	28.87 -0.67 0.00	27.12 -0.68 0.00	27.55 -0.73 0.00	26.26 -0.77 0.00	31.83 -0.93 0.00	37.18 -1.07 0.00	39.34 -1.10 0.00	41.29 -1.10 0.00	42.42 -1.09 0.00	43.03 -1.03 0.00	44.43 -1.00 0.00	49.05 -0.92 0.00	53.92 -0.90 0.00	57.40 -0.74 0.00	66.83 -0.80 0.00	66.71 -0.84 0.00	63.50 -0.94 -0.94	55.60 -0.85 -0.24	49.57 -0.71 0.00
BROOKHAVEN___DRP 24191	31.92 1.32 0.00	29.86 1.68 0.00	29.13 1.64 0.00	32.29 1.66 0.00	31.74 1.45 0.00	30.82 1.28 0.00	29.04 1.25 0.00	29.05 0.78 0.00	27.46 0.78 0.35	34.08 1.32 0.00	41.04 2.80 0.00	43.67 3.09 -0.14	45.85 3.41 -0.05	47.35 3.43 -0.40	48.14 3.56 -0.52	46.53 3.13 2.04	50.19 2.16 1.95	54.69 2.14 2.28	59.28 1.14 0.00	52.61 0.59 15.61	34.66 0.41 33.29	43.56 0.38 20.33	38.94 0.52 17.78	36.29 0.75 14.74
BROOKLYN_NAVY_YARD 23515	32.67 2.07 0.00	30.18 2.00 0.00	29.47 1.98 0.00	32.60 1.97 0.00	32.15 1.86 0.00	31.28 1.74 0.00	29.35 1.56 0.00	29.82 1.54 0.00	28.52 1.49 0.00	34.50 1.74 0.00	40.66 2.42 0.00	43.30 2.72 -0.14	45.53 3.04 -0.10	47.09 3.21 -0.37	47.84 3.25 -0.53	49.04 3.09 -0.52	52.71 2.74 0.00	57.34 2.52 0.00	60.09 1.95 0.00	69.33 1.70 0.00	69.08 1.53 0.00	65.03 1.52 0.00	58.12 1.92 0.00	52.46 2.18 0.00
BROOKLYN___ARMY_DRP 323595	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
BROOME_2_LFGE 323671	30.73 0.13 0.00	28.30 0.12 0.00	27.56 0.07 0.00	30.66 0.04 0.00	30.33 0.04 0.00	29.57 0.03 0.00	27.72 -0.07 0.00	28.15 -0.12 0.00	26.80 -0.23 0.00	32.54 -0.21 0.00	38.10 -0.15 0.00	40.41 -0.03 0.00	42.36 -0.03 0.00	43.49 -0.02 0.00	44.14 0.07 0.00	45.40 -0.03 0.00	49.99 0.02 0.00	54.91 0.08 0.00	58.31 0.16 0.00	67.91 0.28 0.00	67.81 0.26 0.00	63.80 0.09 -0.21	56.44 0.18 -0.05	50.66 0.38 0.00
BROOME___LFGE 323600	30.73 0.13 0.00	28.30 0.12 0.00	27.56 0.07 0.00	30.66 0.04 0.00	30.33 0.04 0.00	29.57 0.03 0.00	27.72 -0.07 0.00	28.15 -0.12 0.00	26.80 -0.23 0.00	32.54 -0.21 0.00	38.10 -0.15 0.00	40.41 -0.03 0.00	42.36 -0.03 0.00	43.49 -0.02 0.00	44.14 0.07 0.00	45.40 -0.03 0.00	49.99 0.02 0.00	54.91 0.08 0.00	58.31 0.16 0.00	67.91 0.28 0.00	67.81 0.26 0.00	63.80 0.09 -0.21	56.44 0.18 -0.05	50.66 0.38 0.00
BROWNFLS_115KV_TB 3_5 80003	31.43 0.82 0.00	28.76 0.58 0.00	27.97 0.48 0.00	31.17 0.55 0.00	30.90 0.61 0.00	30.16 0.62 0.00	28.38 0.59 0.00	28.77 0.49 0.00	27.42 0.39 0.00	33.27 0.51 0.00	38.72 0.48 0.00	40.87 0.43 0.00	42.77 0.37 0.00	43.83 0.32 0.00	44.28 0.21 0.00	45.64 0.21 0.00	50.72 0.75 0.00	55.85 1.03 0.00	60.00 1.85 0.00	70.65 3.03 0.00	70.84 3.29 0.00	66.94 3.27 -0.16	58.79 2.55 -0.04	52.23 1.95 0.00
BROWNSV1_27_KV_LOAD 356125	33.11 2.51 0.00	30.68 2.50 0.00	29.95 2.46 0.00	33.12 2.50 0.00	32.64 2.34 0.00	31.74 2.20 0.00	29.78 1.99 0.00	30.28 2.00 0.00	28.96 1.94 0.00	35.08 2.32 0.00	41.38 3.13 0.00	44.07 3.50 -0.14	46.34 3.85 -0.10	47.91 4.02 -0.37	48.67 4.08 -0.53	49.90 3.95 -0.52	53.69 3.72 0.00	58.42 3.59 0.00	61.20 3.06 0.00	70.63 3.00 0.00	70.37 2.83 0.00	66.19 2.69 0.00	59.13 2.93 0.00	53.38 3.10 0.00
BURROWS___LYONSDAL 23803	31.64 1.04 0.00	29.05 0.88 0.00	28.29 0.80 0.00	31.49 0.86 0.00	31.15 0.86 0.00	30.38 0.84 0.00	28.54 0.75 0.00	28.89 0.61 0.00	27.41 0.38 0.00	33.14 0.38 0.00	38.65 0.40 0.00	40.83 0.39 0.00	42.83 0.44 0.00	43.97 0.46 0.00	44.45 0.39 0.00	45.86 0.43 0.00	50.89 0.93 0.00	56.18 1.36 0.00	60.25 2.11 0.00	70.81 3.18 0.00	70.91 3.36 0.00	66.83 3.19 -0.14	58.87 2.63 -0.04	52.44 2.16 0.00
CAITHNESS_CC_1 323624	31.90 1.30 0.00	29.85 1.67 0.00	29.12 1.63 0.00	32.25 1.63 0.00	31.71 1.42 0.00	30.79 1.25 0.00	29.00 1.21 0.00	29.04 0.76 0.00	27.44 0.75 0.35	34.04 1.28 0.00	41.00 2.76 0.00	43.61 3.03 -0.14	45.68 3.24 -0.05	47.16 3.25 -0.40	47.94 3.35 -0.52	46.18 2.79 2.04	50.12 2.06 1.91	54.57 1.99 2.24	59.12 0.98 0.00	52.42 0.41 15.61	34.48 0.24 33.31	43.37 0.20 20.33	38.78 0.37 17.79	36.16 0.63 14.75
CALPINE BETH_PAGE_GT4 24209	32.17 1.57 0.00	29.96 1.78 0.00	29.25 1.76 0.00	32.32 1.69 0.00	31.79 1.50 0.00	30.88 1.34 0.00	28.99 1.19 0.00	29.25 0.97 0.00	27.72 0.95 0.26	34.19 1.43 0.00	40.92 2.68 0.00	43.58 2.99 -0.15	46.00 3.33 -0.28	47.46 3.38 -0.57	48.16 3.46 -0.63	49.30 3.10 -0.77	52.14 2.18 0.00	56.87 2.05 0.00	59.35 1.21 0.00	56.07 0.67 12.23	42.21 0.41 25.75	48.05 0.48 15.93	43.23 0.79 13.76	40.73 1.15 10.70
CALPINE_BETH_PAGE_GT_4 323586	32.17 1.57 0.00	29.97 1.79 0.00	29.25 1.75 0.00	32.32 1.69 0.00	31.79 1.50 0.00	30.88 1.34 0.00	28.98 1.19 0.00	29.25 0.97 0.00	27.71 0.95 0.26	34.18 1.43 0.00	40.92 2.68 0.00	43.56 2.97 -0.15	45.89 3.22 -0.28	47.35 3.27 -0.57	48.04 3.35 -0.63	49.06 2.86 -0.77	52.14 2.17 0.00	56.87 2.05 0.00	59.35 1.21 0.00	56.07 0.68 12.23	42.21 0.41 25.75	48.04 0.47 15.93	43.21 0.77 13.76	40.71 1.13 10.70
CALPINE_BP_GT1 23823	32.17 1.57 0.00	29.97 1.79 0.00	29.25 1.75 0.00	32.32 1.69 0.00	31.79 1.50 0.00	30.88 1.34 0.00	28.98 1.19 0.00	29.25 0.97 0.00	27.71 0.95 0.26	34.18 1.43 0.00	40.92 2.68 0.00	43.56 2.97 -0.15	45.89 3.22 -0.28	47.35 3.27 -0.57	48.04 3.35 -0.63	49.06 2.86 -0.77	52.14 2.17 0.00	56.87 2.05 0.00	59.35 1.21 0.00	56.07 0.68 12.23	42.21 0.41 25.75	48.04 0.47 15.93	43.21 0.77 13.76	40.71 1.13 10.70
CALSPAN___DRP 24200	29.40 -1.20 0.00	27.12 -1.06 0.00	26.39 -1.10 0.00	29.18 -1.45 0.00	28.99 -1.30 0.00	28.29 -1.25 0.00	26.53 -1.27 0.00	27.04 -1.24 0.00	26.14 -0.89 0.00	32.02 -0.73 0.00	37.03 -1.22 0.00	39.18 -1.26 0.00	40.92 -1.47 0.00	41.97 -1.55 0.00	42.54 -1.53 0.00	43.98 -1.44 0.00	48.83 -1.14 0.00	53.73 -1.09 0.00	57.40 -0.74 0.00	66.90 -0.72 0.00	66.74 -0.81 0.00	62.59 -0.92 0.00	55.59 -0.61 0.00	50.17 -0.11 0.00

CALVERTON___SOLAR 323806	32.02 1.42 0.00	29.93 1.75 0.00	29.19 1.70 0.00	32.37 1.74 0.00	31.81 1.52 0.00	30.90 1.36 0.00	29.13 1.34 0.00	29.11 0.83 0.00	27.52 0.84 0.35	34.16 1.40 0.00	41.17 2.92 0.00	43.79 3.21 -0.14	45.89 3.45 -0.05	47.39 3.48 -0.40	48.19 3.61 -0.52	46.44 3.05 2.04	50.38 2.37 1.96	54.93 2.40 2.29	59.55 1.41 0.00	52.90 0.88 15.60	34.94 0.68 33.29	43.80 0.62 20.32	39.09 0.67 17.78	36.37 0.83 14.74
CANDIGU_WT_PWR 323617	30.20 -0.41 0.00	27.76 -0.42 0.00	26.86 -0.64 0.00	29.69 -0.93 0.00	29.48 -0.81 0.00	28.79 -0.75 0.00	26.95 -0.84 0.00	27.32 -0.95 0.00	26.09 -0.94 0.00	31.83 -0.92 0.00	37.09 -1.15 0.00	39.32 -1.12 0.00	41.18 -1.22 0.00	42.21 -1.30 0.00	42.84 -1.22 0.00	44.02 -1.41 0.00	48.66 -1.30 0.00	53.48 -1.34 0.00	57.25 -0.90 0.00	67.27 -0.36 0.00	67.47 -0.08 0.00	63.36 -0.26 -0.11	56.15 -0.08 -0.03	50.60 0.31 0.00
CARR STREET_E_SYR 24060	30.01 -0.59 0.00	27.65 -0.54 0.00	26.94 -0.55 0.00	29.98 -0.65 0.00	29.66 -0.64 0.00	28.92 -0.62 0.00	27.15 -0.64 0.00	27.60 -0.68 0.00	26.30 -0.73 0.00	31.91 -0.85 0.00	37.28 -0.96 0.00	39.49 -0.95 0.00	41.46 -0.94 0.00	42.61 -0.90 0.00	43.20 -0.86 0.00	44.61 -0.81 0.00	49.20 -0.76 0.00	54.12 -0.70 0.00	57.56 -0.58 0.00	67.00 -0.63 0.00	66.87 -0.68 0.00	63.00 -0.80 -0.29	55.55 -0.72 -0.07	49.71 -0.57 0.00
CARTHAGE___PAPER 23857	32.17 1.57 0.00	29.47 1.29 0.00	28.63 1.14 0.00	31.89 1.26 0.00	31.55 1.26 0.00	30.77 1.23 0.00	28.87 1.08 0.00	29.17 0.89 0.00	27.59 0.56 0.00	33.26 0.50 0.00	38.73 0.49 0.00	40.84 0.40 0.00	42.86 0.47 0.00	43.94 0.43 0.00	44.35 0.29 0.00	45.82 0.39 0.00	51.27 1.31 0.00	56.64 1.82 0.00	61.14 2.99 0.00	72.59 4.96 0.00	72.79 5.24 0.00	68.90 5.06 -0.34	60.47 4.19 -0.09	53.60 3.32 0.00
CASSADAGA_WT_PWR 323784	30.20 -0.40 0.00	27.75 -0.42 0.00	27.03 -0.46 0.00	29.99 -0.64 0.00	29.68 -0.61 0.00	28.97 -0.57 0.00	27.19 -0.60 0.00	27.79 -0.49 0.00	26.79 -0.24 0.00	32.81 0.05 0.00	38.14 -0.10 0.00	40.48 0.04 0.00	42.19 -0.20 0.00	43.32 -0.19 0.00	43.95 -0.11 0.00	45.30 -0.13 0.00	50.26 0.29 0.00	55.27 0.46 0.00	59.01 0.86 0.00	68.97 1.34 0.00	68.74 1.19 0.00	64.37 0.87 0.00	56.91 0.71 0.00	51.17 0.89 0.00
CE_DUNWOOD___DRP 24194	32.42 1.82 0.00	29.98 1.80 0.00	29.29 1.80 0.00	32.44 1.82 0.00	31.98 1.69 0.00	31.12 1.58 0.00	29.20 1.41 0.00	29.66 1.38 0.00	28.33 1.30 0.00	34.28 1.52 0.00	40.40 2.15 0.00	43.00 2.43 -0.13	45.18 2.69 -0.10	46.73 2.85 -0.37	47.49 2.90 -0.53	48.71 2.76 -0.52	52.46 2.49 0.00	57.17 2.35 0.00	59.99 1.85 0.00	69.27 1.65 0.00	69.01 1.46 0.00	64.91 1.41 0.00	57.91 1.71 0.00	52.22 1.94 0.00
CE_MILLWOOD___DRP 24193	32.34 1.74 0.00	29.91 1.72 0.00	29.22 1.72 0.00	32.37 1.74 0.00	31.92 1.63 0.00	31.06 1.52 0.00	29.14 1.35 0.00	29.60 1.32 0.00	28.25 1.22 0.00	34.19 1.44 0.00	40.27 2.03 0.00	42.87 2.29 -0.13	45.04 2.55 -0.10	46.58 2.70 -0.37	47.34 2.75 -0.52	48.56 2.61 -0.52	52.31 2.34 0.00	57.03 2.21 0.00	59.84 1.70 0.00	69.14 1.51 0.00	68.88 1.33 0.00	64.79 1.29 0.00	57.78 1.59 0.00	52.09 1.81 0.00
CE_NYC2_DRP 24202	32.68 2.08 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.56 1.93 0.00	32.11 1.81 0.00	31.24 1.70 0.00	29.34 1.55 0.00	29.84 1.56 0.00	28.55 1.52 0.00	34.49 1.74 0.00	40.63 2.39 0.00	43.29 2.72 -0.14	45.53 3.04 -0.10	47.08 3.20 -0.37	47.84 3.25 -0.53	49.07 3.12 -0.52	52.70 2.73 0.00	57.23 2.41 0.00	60.01 1.87 0.00	69.01 1.38 0.00	68.43 1.12 0.23	64.60 1.19 0.10	57.94 1.74 0.00	52.38 2.10 0.00
CE_NYC_DRP 24195	32.71 2.11 0.00	30.22 2.04 0.00	29.52 2.03 0.00	32.66 2.04 0.00	32.19 1.90 0.00	31.32 1.78 0.00	29.39 1.60 0.00	29.88 1.60 0.00	28.56 1.54 0.00	34.57 1.81 0.00	40.77 2.52 0.00	43.41 2.83 -0.14	45.64 3.15 -0.10	47.19 3.31 -0.37	47.94 3.35 -0.53	49.14 3.19 -0.52	52.84 2.87 0.00	57.50 2.68 0.00	60.25 2.10 0.00	69.52 1.89 0.00	69.25 1.70 0.00	65.15 1.65 0.00	58.18 1.98 0.00	52.55 2.27 0.00
CHAFFEE___LFGE 323603	29.54 -1.06 0.00	27.23 -0.96 0.00	26.49 -1.00 0.00	29.29 -1.34 0.00	29.09 -1.21 0.00	28.38 -1.16 0.00	26.61 -1.18 0.00	27.15 -1.13 0.00	26.24 -0.79 0.00	32.14 -0.62 0.00	37.20 -1.04 0.00	39.37 -1.08 0.00	41.10 -1.29 0.00	42.16 -1.35 0.00	42.73 -1.34 0.00	44.18 -1.25 0.00	49.07 -0.90 0.00	54.00 -0.82 0.00	57.71 -0.44 0.00	67.27 -0.36 0.00	67.09 -0.46 0.00	62.85 -0.66 0.00	55.85 -0.35 0.00	50.38 0.10 0.00
CHATEAUG_35_KV_LOAD 355732	30.83 0.23 0.00	28.15 -0.04 0.00	27.36 -0.13 0.00	30.56 -0.07 0.00	30.19 -0.10 0.00	29.51 -0.03 0.00	27.86 0.07 0.00	28.37 0.09 0.00	27.42 0.39 0.00	33.44 0.68 0.00	38.89 0.65 0.00	41.06 0.62 0.00	42.88 0.49 0.00	43.85 0.34 0.00	44.39 0.33 0.00	45.68 0.25 0.00	50.43 0.46 0.00	55.40 0.58 0.00	58.87 0.72 0.00	68.83 1.21 0.00	68.94 1.39 0.00	64.84 1.33 0.00	57.10 0.90 0.00	50.79 0.51 0.00
CHATEAUG_WT_PWR 323614	30.80 0.20 0.00	28.15 -0.03 0.00	27.39 -0.10 0.00	30.57 -0.06 0.00	30.19 -0.10 0.00	29.50 -0.04 0.00	27.85 0.06 0.00	28.39 0.11 0.00	27.42 0.39 0.00	33.43 0.67 0.00	38.90 0.66 0.00	41.06 0.62 0.00	42.88 0.49 0.00	43.85 0.34 0.00	44.38 0.32 0.00	45.67 0.25 0.00	50.40 0.43 0.00	55.40 0.58 0.00	58.83 0.69 0.00	68.70 1.08 0.00	68.72 1.17 0.00	64.59 1.09 0.00	56.90 0.70 0.00	50.67 0.39 0.00
CHAT_HIGH_FALL_HYD 323578	30.83 0.23 0.00	28.15 -0.04 0.00	27.36 -0.13 0.00	30.56 -0.07 0.00	30.19 -0.10 0.00	29.51 -0.03 0.00	27.86 0.07 0.00	28.37 0.09 0.00	27.42 0.39 0.00	33.44 0.68 0.00	38.89 0.65 0.00	41.06 0.62 0.00	42.88 0.49 0.00	43.85 0.34 0.00	44.39 0.33 0.00	45.68 0.25 0.00	50.43 0.46 0.00	55.40 0.58 0.00	58.87 0.72 0.00	68.83 1.21 0.00	68.94 1.39 0.00	64.84 1.33 0.00	57.10 0.90 0.00	50.79 0.51 0.00
CHAUTAUQUA___LFGE 323629	29.92 -0.68 0.00	27.55 -0.63 0.00	26.79 -0.70 0.00	29.71 -0.92 0.00	29.43 -0.86 0.00	28.72 -0.81 0.00	26.94 -0.85 0.00	27.48 -0.80 0.00	26.46 -0.57 0.00	32.39 -0.36 0.00	37.62 -0.62 0.00	39.92 -0.52 0.00	41.66 -0.74 0.00	42.73 -0.78 0.00	43.37 -0.69 0.00	44.68 -0.75 0.00	49.54 -0.43 0.00	54.46 -0.37 0.00	58.12 -0.03 0.00	67.91 0.29 0.00	67.75 0.20 0.00	63.46 -0.04 0.00	56.25 0.05 0.00	50.70 0.42 0.00
CHERRYST_13_KV_LD 356241	32.81 2.21 0.00	30.30 2.12 0.00	29.60 2.11 0.00	32.75 2.12 0.00	32.28 1.99 0.00	31.40 1.86 0.00	29.47 1.68 0.00	29.97 1.69 0.00	28.65 1.62 0.00	34.68 1.93 0.00	40.90 2.66 0.00	43.57 2.99 -0.14	45.80 3.31 -0.10	47.35 3.47 -0.37	48.10 3.51 -0.53	49.31 3.36 -0.52	53.04 3.07 0.00	57.69 2.87 0.00	60.46 2.32 0.00	69.75 2.12 0.00	69.49 1.93 0.00	65.35 1.85 0.00	58.39 2.20 0.00	52.71 2.43 0.00

CHESTROR_138KV_BK263 355645	32.01 1.41 0.00	29.57 1.39 0.00	28.89 1.40 0.00	32.05 1.42 0.00	31.62 1.33 0.00	30.79 1.25 0.00	28.88 1.09 0.00	29.32 1.04 0.00	27.96 0.93 0.00	33.82 1.07 0.00	39.74 1.49 0.00	42.27 1.71 -0.12	44.41 1.93 -0.08	45.93 2.10 -0.32	46.68 2.17 -0.45	47.93 2.06 -0.45	51.83 1.86 0.00	56.59 1.77 0.00	59.50 1.36 0.00	68.84 1.22 0.00	68.64 1.09 0.00	64.56 1.06 0.00	57.50 1.30 0.00	51.75 1.47 0.00
CH_MIDHUDSON___DRP 24192	32.19 1.59 0.00	29.74 1.55 0.00	29.05 1.56 0.00	32.25 1.62 0.00	31.81 1.51 0.00	30.97 1.44 0.00	29.07 1.28 0.00	29.51 1.24 0.00	28.12 1.10 0.00	34.01 1.25 0.00	39.97 1.73 0.00	42.48 1.94 -0.10	44.65 2.19 -0.07	46.12 2.34 -0.27	46.85 2.41 -0.38	48.14 2.33 -0.38	52.19 2.23 0.00	57.06 2.23 0.00	60.00 1.85 0.00	69.39 1.76 0.00	69.16 1.61 0.00	65.01 1.50 0.00	57.87 1.68 0.00	52.07 1.79 0.00
CH_MISC_IPPS 23765	32.41 1.81 0.00	29.92 1.75 0.00	29.24 1.74 0.00	32.42 1.79 0.00	31.98 1.69 0.00	31.13 1.60 0.00	29.22 1.44 0.00	29.67 1.40 0.00	28.30 1.27 0.00	34.24 1.48 0.00	40.26 2.01 0.00	42.82 2.28 -0.11	45.03 2.56 -0.08	46.57 2.76 -0.30	47.34 2.86 -0.42	48.63 2.78 -0.41	52.72 2.75 0.00	57.61 2.79 0.00	60.54 2.39 0.00	70.00 2.37 0.00	69.75 2.20 0.00	65.55 2.05 0.00	58.33 2.14 0.00	52.47 2.19 0.00
CH_RES_BVR_FALLS 23983	30.60 0.00 0.00	28.12 -0.06 0.00	27.41 -0.08 0.00	30.54 -0.08 0.00	30.23 -0.06 0.00	29.51 -0.03 0.00	27.79 0.00 0.00	28.28 0.00 0.00	27.10 0.07 0.00	32.89 0.13 0.00	38.35 0.11 0.00	40.52 0.08 0.00	42.41 0.02 0.00	43.47 -0.04 0.00	43.98 -0.09 0.00	45.33 -0.10 0.00	49.94 -0.03 0.00	54.80 -0.02 0.00	58.22 0.08 0.00	67.81 0.18 0.00	67.78 0.24 0.00	63.76 0.25 0.00	56.36 0.16 0.00	50.34 0.06 0.00
CH_RES_NIAGARA 23895	28.48 -2.13 0.00	26.32 -1.86 0.00	25.65 -1.84 0.00	28.33 -2.29 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.83 -1.96 0.00	26.36 -1.92 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.00 -2.24 0.00	38.00 -2.44 0.00	39.64 -2.75 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.54 -2.89 0.00	47.24 -2.73 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.63 -2.99 0.00	64.52 -3.03 0.00	60.52 -2.98 0.00	53.86 -2.34 0.00	48.72 -1.56 0.00
CH_RES_SYRACUSE 23985	30.36 -0.24 0.00	27.95 -0.22 0.00	27.24 -0.25 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.23 -0.31 0.00	27.45 -0.33 0.00	27.90 -0.38 0.00	26.57 -0.45 0.00	32.22 -0.53 0.00	37.64 -0.61 0.00	39.87 -0.57 0.00	41.85 -0.55 0.00	43.03 -0.49 0.00	43.65 -0.42 0.00	45.08 -0.35 0.00	49.75 -0.22 0.00	54.71 -0.11 0.00	58.25 0.11 0.00	67.81 0.19 0.00	67.67 0.12 0.00	64.01 -0.02 -0.53	56.28 -0.05 -0.14	50.29 0.01 0.00
CLINTON_WT_PWR 323605	30.80 0.20 0.00	28.15 -0.03 0.00	27.39 -0.10 0.00	30.57 -0.06 0.00	30.19 -0.10 0.00	29.50 -0.04 0.00	27.85 0.06 0.00	28.39 0.11 0.00	27.42 0.39 0.00	33.43 0.67 0.00	38.90 0.66 0.00	41.06 0.62 0.00	42.88 0.49 0.00	43.85 0.34 0.00	44.38 0.32 0.00	45.67 0.25 0.00	50.40 0.43 0.00	55.40 0.58 0.00	58.83 0.69 0.00	68.70 1.08 0.00	68.72 1.17 0.00	64.59 1.09 0.00	56.90 0.70 0.00	50.67 0.39 0.00
CLINTON___LFGE 323618	31.25 0.65 0.00	28.56 0.38 0.00	27.74 0.25 0.00	30.98 0.36 0.00	30.58 0.29 0.00	29.90 0.36 0.00	28.20 0.41 0.00	28.67 0.40 0.00	27.68 0.65 0.00	33.76 1.00 0.00	39.28 1.04 0.00	41.45 1.01 0.00	43.25 0.86 0.00	44.15 0.64 0.00	44.73 0.66 0.00	45.90 0.47 0.00	50.71 0.74 0.00	55.87 1.05 0.00	59.39 1.25 0.00	69.53 1.90 0.00	69.53 1.98 0.00	65.32 1.82 0.00	57.52 1.33 0.00	51.20 0.92 0.00
COBBLENY_34_KV_TB1 80064	29.54 -1.06 0.00	27.23 -0.95 0.00	26.49 -1.00 0.00	29.29 -1.34 0.00	29.09 -1.21 0.00	28.38 -1.16 0.00	26.61 -1.18 0.00	27.14 -1.14 0.00	26.24 -0.79 0.00	32.14 -0.61 0.00	37.19 -1.05 0.00	39.37 -1.07 0.00	41.10 -1.29 0.00	42.16 -1.35 0.00	42.73 -1.34 0.00	44.19 -1.24 0.00	49.08 -0.89 0.00	54.00 -0.82 0.00	57.71 -0.44 0.00	67.26 -0.37 0.00	67.07 -0.48 0.00	62.88 -0.62 0.00	55.83 -0.37 0.00	50.35 0.07 0.00
COFFEEN___115KV_TB3 355620	32.31 1.71 0.00	29.60 1.42 0.00	28.74 1.25 0.00	31.98 1.36 0.00	31.64 1.35 0.00	30.85 1.31 0.00	28.90 1.11 0.00	29.15 0.88 0.00	27.44 0.41 0.00	33.01 0.25 0.00	38.49 0.24 0.00	40.54 0.10 0.00	42.65 0.26 0.00	43.71 0.20 0.00	44.14 0.07 0.00	45.69 0.26 0.00	51.31 1.34 0.00	56.71 1.89 0.00	61.32 3.18 0.00	73.32 5.69 0.00	73.51 5.95 0.00	69.62 5.71 -0.41	61.08 4.77 -0.11	54.03 3.75 0.00
COLDSPRG_115KV_BK1 355956	30.51 -0.09 0.00	28.09 -0.09 0.00	27.38 -0.12 0.00	30.30 -0.33 0.00	29.98 -0.31 0.00	29.28 -0.26 0.00	27.46 -0.33 0.00	28.00 -0.28 0.00	26.97 -0.05 0.00	33.01 0.25 0.00	38.47 0.22 0.00	40.77 0.33 0.00	42.48 0.09 0.00	43.61 0.10 0.00	44.28 0.22 0.00	45.58 0.16 0.00	50.45 0.48 0.00	55.44 0.62 0.00	59.13 0.99 0.00	69.06 1.44 0.00	68.83 1.28 0.00	64.54 1.04 0.00	57.22 1.02 0.00	51.53 1.25 0.00
COLONIE_LFGE___ 323577	31.68 1.08 0.00	29.33 1.15 0.00	28.66 1.17 0.00	32.06 1.44 0.00	31.66 1.37 0.00	30.87 1.32 0.00	28.96 1.17 0.00	29.32 1.05 0.00	27.77 0.74 0.00	33.47 0.71 0.00	39.01 0.76 0.00	40.99 0.71 0.16	43.01 0.73 0.11	43.83 0.76 0.44	44.15 0.71 0.62	45.60 0.79 0.62	50.79 0.82 0.00	55.99 1.17 0.00	59.39 1.24 0.00	69.08 1.45 0.00	68.92 1.37 0.00	64.84 1.34 0.00	57.55 1.35 0.00	51.60 1.32 0.00
COOPERNY_115KV_TB1 80082	31.63 1.03 0.00	29.19 1.01 0.00	28.50 1.01 0.00	31.65 1.02 0.00	31.26 0.97 0.00	30.44 0.90 0.00	28.57 0.78 0.00	29.03 0.75 0.00	27.68 0.65 0.00	33.50 0.75 0.00	39.29 1.05 0.00	41.74 1.22 -0.08	43.85 1.40 -0.06	45.26 1.53 -0.22	45.95 1.58 -0.31	47.24 1.51 -0.31	51.34 1.37 0.00	56.11 1.29 0.00	59.12 0.98 0.00	68.50 0.87 0.00	68.33 0.78 0.00	64.24 0.73 0.00	57.11 0.91 0.00	51.36 1.08 0.00
COPENHAGEN_WT_PWR 323753	31.92 1.32 0.00	29.26 1.08 0.00	28.42 0.93 0.00	31.63 1.01 0.00	31.27 0.98 0.00	30.49 0.95 0.00	28.59 0.80 0.00	28.88 0.60 0.00	27.27 0.24 0.00	32.86 0.10 0.00	38.33 0.08 0.00	40.41 -0.03 0.00	42.46 0.07 0.00	43.51 0.00 0.00	43.90 -0.17 0.00	45.34 -0.09 0.00	50.80 0.83 0.00	56.15 1.33 0.00	60.51 2.36 0.00	72.07 4.45 0.00	72.30 4.74 0.00	68.50 4.57 -0.43	60.11 3.80 -0.11	53.26 2.98 0.00
CORNELL_____ 23752	31.11 0.51 0.00	28.62 0.44 0.00	27.85 0.36 0.00	30.97 0.34 0.00	30.64 0.35 0.00	29.88 0.34 0.00	28.01 0.22 0.00	28.41 0.13 0.00	26.97 -0.06 0.00	32.64 -0.12 0.00	38.11 -0.13 0.00	40.31 -0.13 0.00	42.27 -0.13 0.00	43.54 0.02 0.00	44.16 0.09 0.00	45.52 0.09 0.00	50.36 0.39 0.00	55.44 0.62 0.00	59.30 1.15 0.00	69.45 1.83 0.00	69.49 1.94 0.00	65.43 1.64 -0.29	57.67 1.40 -0.07	51.57 1.28 0.00

CORONA_69_KV_TB1 355595	32.62 2.02 0.00	30.34 2.16 0.00	29.57 2.08 0.00	32.68 2.06 0.00	32.16 1.87 0.00	31.24 1.70 0.00	29.30 1.51 0.00	29.65 1.38 0.00	28.36 1.33 0.00	34.59 1.83 0.00	41.24 3.00 0.00	44.00 3.37 -0.20	47.44 3.74 -1.31	48.68 3.84 -1.33	49.13 3.91 -1.16	63.21 3.65 -14.14	52.93 2.95 0.00	57.67 2.85 0.00	60.27 2.13 0.00	67.88 1.78 1.53	68.57 1.49 0.47	62.92 1.41 1.99	56.90 1.61 0.90	51.18 1.89 0.99
CORTLAND_115KV_TB3 80093	30.84 0.24 0.00	28.39 0.21 0.00	27.65 0.16 0.00	30.76 0.13 0.00	30.43 0.13 0.00	29.66 0.12 0.00	27.83 0.05 0.00	28.24 -0.04 0.00	26.84 -0.19 0.00	32.52 -0.23 0.00	38.02 -0.22 0.00	40.26 -0.19 0.00	42.24 -0.16 0.00	43.46 -0.05 0.00	44.07 0.01 0.00	45.43 0.00 0.00	50.13 0.16 0.00	55.12 0.30 0.00	58.72 0.57 0.00	68.53 0.90 0.00	68.53 0.98 0.00	64.57 0.77 -0.30	56.95 0.68 -0.08	50.97 0.69 0.00
COXSACKIE___GT 23611	32.10 1.50 0.00	29.73 1.55 0.00	29.10 1.61 0.00	32.52 1.90 0.00	32.17 1.88 0.00	31.37 1.83 0.00	29.44 1.65 0.00	29.86 1.58 0.00	28.22 1.20 0.00	33.91 1.15 0.00	39.48 1.24 0.00	41.69 1.30 0.05	43.61 1.25 0.03	44.59 1.20 0.12	45.08 1.19 0.18	46.81 1.56 0.17	51.77 1.80 0.00	57.06 2.24 0.00	61.06 2.91 0.00	71.20 3.58 0.00	71.26 3.71 0.00	66.95 3.45 0.00	59.18 2.99 0.00	52.89 2.60 0.00
CPV_VALLEY___CC1 323721	31.76 1.16 0.00	29.34 1.16 0.00	28.67 1.18 0.00	31.81 1.18 0.00	31.38 1.09 0.00	30.56 1.02 0.00	28.68 0.89 0.00	29.12 0.84 0.00	27.77 0.75 0.00	33.60 0.85 0.00	39.46 1.22 0.00	41.94 1.40 -0.10	44.07 1.60 -0.07	45.52 1.73 -0.28	46.25 1.79 -0.40	47.50 1.67 -0.40	51.41 1.45 0.00	56.13 1.31 0.00	59.03 0.89 0.00	68.32 0.70 0.00	68.13 0.58 0.00	64.06 0.56 0.00	57.04 0.85 0.00	51.34 1.06 0.00
CPV_VALLEY___CC2 323722	31.76 1.16 0.00	29.34 1.16 0.00	28.67 1.18 0.00	31.81 1.18 0.00	31.38 1.09 0.00	30.56 1.02 0.00	28.68 0.89 0.00	29.12 0.84 0.00	27.77 0.75 0.00	33.60 0.85 0.00	39.46 1.22 0.00	41.94 1.40 -0.10	44.07 1.60 -0.07	45.52 1.73 -0.28	46.25 1.79 -0.40	47.50 1.67 -0.40	51.41 1.45 0.00	56.13 1.31 0.00	59.03 0.89 0.00	68.32 0.70 0.00	68.13 0.58 0.00	64.06 0.56 0.00	57.04 0.85 0.00	51.34 1.06 0.00
CRESCENT___HYD 24018	31.68 1.08 0.00	29.33 1.15 0.00	28.66 1.17 0.00	32.06 1.44 0.00	31.66 1.37 0.00	30.87 1.32 0.00	28.96 1.17 0.00	29.32 1.05 0.00	27.77 0.74 0.00	33.47 0.71 0.00	39.01 0.76 0.00	40.99 0.71 0.16	43.01 0.73 0.11	43.83 0.76 0.44	44.15 0.71 0.62	45.60 0.79 0.62	50.79 0.82 0.00	55.99 1.17 0.00	59.39 1.24 0.00	69.08 1.45 0.00	68.92 1.37 0.00	64.84 1.34 0.00	57.55 1.35 0.00	51.60 1.32 0.00
CRICKET___VALLEY_CC1 323756	31.77 1.17 0.00	29.39 1.21 0.00	28.75 1.25 0.00	31.94 1.31 0.00	31.51 1.22 0.00	30.71 1.17 0.00	28.81 1.02 0.00	29.21 0.94 0.00	27.79 0.76 0.00	33.57 0.81 0.00	39.37 1.13 0.00	39.95 1.25 1.74	42.56 1.41 1.24	40.23 1.49 4.78	38.82 1.53 6.77	40.14 1.41 6.70	51.17 1.20 0.00	56.07 1.24 0.00	59.05 0.91 0.00	68.37 0.74 0.00	68.09 0.55 0.00	64.00 0.49 0.00	56.99 0.80 0.00	51.26 0.97 0.00
CRICKET___VALLEY_CC2 323757	31.77 1.17 0.00	29.39 1.21 0.00	28.75 1.25 0.00	31.94 1.31 0.00	31.51 1.22 0.00	30.71 1.17 0.00	28.81 1.02 0.00	29.21 0.94 0.00	27.79 0.76 0.00	33.57 0.81 0.00	39.37 1.13 0.00	39.95 1.25 1.74	42.56 1.41 1.24	40.23 1.49 4.78	38.82 1.53 6.77	40.14 1.41 6.70	51.17 1.20 0.00	56.07 1.24 0.00	59.05 0.91 0.00	68.37 0.74 0.00	68.09 0.55 0.00	64.00 0.49 0.00	56.99 0.80 0.00	51.26 0.97 0.00
CRICKET___VALLEY_CC3 323758	31.77 1.17 0.00	29.39 1.21 0.00	28.75 1.25 0.00	31.94 1.31 0.00	31.51 1.22 0.00	30.71 1.17 0.00	28.81 1.02 0.00	29.21 0.94 0.00	27.79 0.76 0.00	33.57 0.81 0.00	39.37 1.13 0.00	39.95 1.25 1.74	42.56 1.41 1.24	40.23 1.49 4.78	38.82 1.53 6.77	40.14 1.41 6.70	51.17 1.20 0.00	56.07 1.24 0.00	59.05 0.91 0.00	68.37 0.74 0.00	68.09 0.55 0.00	64.00 0.49 0.00	56.99 0.80 0.00	51.26 0.97 0.00
CRUCIBLE_METL_DRP 24180	30.36 -0.24 0.00	27.96 -0.22 0.00	27.24 -0.25 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.23 -0.31 0.00	27.46 -0.34 0.00	27.90 -0.38 0.00	26.57 -0.45 0.00	32.22 -0.53 0.00	37.63 -0.61 0.00	39.87 -0.57 0.00	41.85 -0.54 0.00	43.03 -0.49 0.00	43.64 -0.42 0.00	45.08 -0.35 0.00	49.75 -0.22 0.00	54.71 -0.11 0.00	58.25 0.10 0.00	67.81 0.18 0.00	67.67 0.12 0.00	64.00 -0.03 -0.53	56.29 -0.05 -0.14	50.29 0.00 0.00
DAHOWA___HYDRO 323763	32.15 1.55 0.00	29.75 1.57 0.00	29.08 1.59 0.00	32.51 1.88 0.00	32.05 1.76 0.00	31.26 1.72 0.00	29.34 1.54 0.00	29.64 1.36 0.00	27.97 0.94 0.00	33.64 0.88 0.00	39.08 0.84 0.00	41.16 0.85 0.13	43.15 0.85 0.09	44.13 0.97 0.36	44.51 0.96 0.51	46.09 1.16 0.50	51.42 1.46 0.00	57.06 2.24 0.00	60.91 2.77 0.00	71.07 3.44 0.00	70.97 3.42 0.00	66.64 3.13 0.00	59.04 2.84 0.00	52.77 2.49 0.00
DANC___LFGE 323619	31.16 0.56 0.00	28.62 0.44 0.00	27.83 0.34 0.00	30.97 0.34 0.00	30.62 0.33 0.00	29.84 0.30 0.00	27.97 0.19 0.00	28.32 0.05 0.00	26.82 -0.21 0.00	32.41 -0.34 0.00	37.84 -0.41 0.00	39.95 -0.49 0.00	41.96 -0.44 0.00	43.04 -0.48 0.00	43.51 -0.56 0.00	44.90 -0.53 0.00	50.00 0.04 0.00	55.17 0.35 0.00	59.24 1.09 0.00	69.99 2.36 0.00	70.09 2.54 0.00	66.48 2.44 -0.54	58.39 2.06 -0.14	51.84 1.56 0.00
DANSKAMMER___1 23586	32.41 1.81 0.00	29.92 1.75 0.00	29.24 1.74 0.00	32.42 1.79 0.00	31.98 1.69 0.00	31.13 1.60 0.00	29.22 1.44 0.00	29.67 1.40 0.00	28.30 1.27 0.00	34.24 1.48 0.00	40.26 2.01 0.00	42.82 2.28 -0.11	45.03 2.56 -0.08	46.57 2.76 -0.30	47.34 2.86 -0.42	48.63 2.78 -0.41	52.72 2.75 0.00	57.61 2.79 0.00	60.54 2.39 0.00	70.00 2.37 0.00	69.75 2.20 0.00	65.55 2.05 0.00	58.33 2.14 0.00	52.47 2.19 0.00
DANSKAMMER___2 23589	32.41 1.81 0.00	29.92 1.75 0.00	29.24 1.74 0.00	32.42 1.79 0.00	31.98 1.69 0.00	31.13 1.60 0.00	29.22 1.44 0.00	29.67 1.40 0.00	28.30 1.27 0.00	34.24 1.48 0.00	40.26 2.01 0.00	42.82 2.28 -0.11	45.03 2.56 -0.08	46.57 2.76 -0.30	47.34 2.86 -0.42	48.63 2.78 -0.41	52.72 2.75 0.00	57.61 2.79 0.00	60.54 2.39 0.00	70.00 2.37 0.00	69.75 2.20 0.00	65.55 2.05 0.00	58.33 2.14 0.00	52.47 2.19 0.00
DANSKAMMER___3 23590	32.41 1.81 0.00	29.92 1.75 0.00	29.24 1.74 0.00	32.42 1.79 0.00	31.98 1.69 0.00	31.13 1.60 0.00	29.22 1.44 0.00	29.67 1.40 0.00	28.30 1.27 0.00	34.24 1.48 0.00	40.26 2.01 0.00	42.82 2.28 -0.11	45.03 2.56 -0.08	46.57 2.76 -0.30	47.34 2.86 -0.42	48.63 2.78 -0.41	52.72 2.75 0.00	57.61 2.79 0.00	60.54 2.39 0.00	70.00 2.37 0.00	69.75 2.20 0.00	65.55 2.05 0.00	58.33 2.14 0.00	52.47 2.19 0.00

DANSKAMMER___4 23591	32.41 1.81 0.00	29.92 1.75 0.00	29.24 1.74 0.00	32.42 1.79 0.00	31.98 1.69 0.00	31.13 1.60 0.00	29.22 1.44 0.00	29.67 1.40 0.00	28.30 1.27 0.00	34.24 1.48 0.00	40.26 2.01 0.00	42.82 2.28 -0.11	45.03 2.56 -0.08	46.57 2.76 -0.30	47.34 2.86 -0.42	48.63 2.78 -0.41	52.72 2.75 0.00	57.61 2.79 0.00	60.54 2.39 0.00	70.00 2.37 0.00	69.75 2.20 0.00	65.55 2.05 0.00	58.33 2.14 0.00	52.47 2.19 0.00
DANSKAMMER___DIESEL 23592	32.41 1.81 0.00	29.92 1.75 0.00	29.23 1.74 0.00	32.42 1.79 0.00	31.98 1.69 0.00	31.14 1.60 0.00	29.22 1.43 0.00	29.68 1.40 0.00	28.30 1.27 0.00	34.24 1.49 0.00	40.26 2.02 0.00	42.83 2.28 -0.11	45.03 2.56 -0.08	46.57 2.76 -0.30	47.34 2.86 -0.42	48.63 2.78 -0.41	52.72 2.75 0.00	57.61 2.79 0.00	60.54 2.40 0.00	70.00 2.37 0.00	69.76 2.21 0.00	65.56 2.05 0.00	58.35 2.15 0.00	52.49 2.20 0.00
DARBY___SOLAR 323810	32.03 1.42 0.00	29.63 1.45 0.00	28.95 1.46 0.00	32.37 1.74 0.00	31.92 1.63 0.00	31.13 1.59 0.00	29.21 1.42 0.00	29.52 1.24 0.00	27.88 0.85 0.00	33.52 0.76 0.00	38.98 0.73 0.00	41.04 0.73 0.13	43.03 0.73 0.10	43.97 0.83 0.37	44.37 0.84 0.53	45.93 1.03 0.52	51.23 1.26 0.00	56.76 1.94 0.00	60.54 2.40 0.00	70.59 2.96 0.00	70.51 2.96 0.00	66.23 2.73 0.00	58.68 2.49 0.00	52.49 2.21 0.00
DASHVILLE___HYD 23610	32.05 1.45 0.00	29.56 1.38 0.00	28.86 1.37 0.00	32.01 1.39 0.00	31.59 1.30 0.00	30.76 1.22 0.00	28.87 1.08 0.00	29.33 1.05 0.00	27.95 0.92 0.00	33.80 1.05 0.00	39.72 1.47 0.00	42.22 1.71 -0.06	44.36 1.92 -0.05	45.84 2.15 -0.18	46.54 2.22 -0.25	47.92 2.24 -0.25	52.05 2.09 0.00	56.84 2.02 0.00	59.70 1.56 0.00	69.05 1.43 0.00	68.84 1.29 0.00	64.71 1.21 0.00	57.59 1.39 0.00	51.81 1.53 0.00
DELAWARE___LFGE 323621	31.43 0.82 0.00	28.97 0.79 0.00	28.26 0.77 0.00	31.44 0.82 0.00	31.13 0.84 0.00	30.33 0.78 0.00	28.45 0.66 0.00	28.88 0.60 0.00	27.47 0.44 0.00	33.33 0.57 0.00	39.06 0.81 0.00	41.38 0.94 0.00	43.45 1.05 0.00	44.63 1.12 0.00	45.25 1.18 0.00	46.58 1.15 0.00	51.16 1.19 0.00	56.05 1.23 0.00	59.32 1.18 0.00	68.89 1.26 0.00	68.85 1.30 0.00	64.75 1.15 -0.10	57.31 1.09 -0.03	51.43 1.15 0.00
DERFIELD_115KV_TB7 355931	30.73 0.13 0.00	28.33 0.15 0.00	27.66 0.17 0.00	30.81 0.18 0.00	30.47 0.18 0.00	29.71 0.17 0.00	27.93 0.14 0.00	28.36 0.08 0.00	27.03 0.00 0.00	32.72 -0.03 0.00	38.22 -0.02 0.00	40.42 -0.02 0.00	42.39 0.00 0.00	43.51 0.00 0.00	44.06 0.00 0.00	45.44 0.01 0.00	49.92 -0.05 0.00	54.82 -0.01 0.00	58.12 -0.02 0.00	67.63 0.00 0.00	67.55 0.00 0.00	63.50 0.00 0.00	56.26 0.06 0.00	50.38 0.10 0.00
DOGLEVILLE___HYD 23807	31.25 0.65 0.00	28.93 0.76 0.00	28.26 0.77 0.00	31.63 1.00 0.00	31.23 0.94 0.00	30.41 0.87 0.00	28.45 0.65 0.00	28.51 0.24 0.00	26.59 -0.44 0.00	31.84 -0.92 0.00	37.22 -1.03 0.00	39.47 -0.97 0.00	41.43 -0.97 0.00	42.61 -0.90 0.00	43.07 -0.99 0.00	44.45 -0.98 0.00	49.09 -0.88 0.00	54.23 -0.59 0.00	57.93 -0.21 0.00	68.02 0.40 0.00	68.25 0.70 0.00	63.98 0.48 0.00	56.73 0.53 0.00	50.85 0.57 0.00
DUNKIRK___115KV_TB_200 55889	29.88 -0.72 0.00	27.50 -0.68 0.00	26.76 -0.73 0.00	29.67 -0.96 0.00	29.40 -0.90 0.00	28.69 -0.85 0.00	26.90 -0.89 0.00	27.43 -0.85 0.00	26.41 -0.61 0.00	32.33 -0.43 0.00	37.54 -0.70 0.00	39.85 -0.59 0.00	41.59 -0.80 0.00	42.65 -0.86 0.00	43.29 -0.77 0.00	44.60 -0.82 0.00	49.44 -0.53 0.00	54.35 -0.47 0.00	58.00 -0.15 0.00	67.75 0.12 0.00	67.56 0.02 0.00	63.34 -0.16 0.00	56.16 -0.04 0.00	50.61 0.32 0.00
DUNKIRK___1 23563	29.88 -0.72 0.00	27.50 -0.68 0.00	26.76 -0.73 0.00	29.67 -0.96 0.00	29.40 -0.90 0.00	28.69 -0.85 0.00	26.90 -0.89 0.00	27.43 -0.85 0.00	26.41 -0.61 0.00	32.33 -0.43 0.00	37.54 -0.70 0.00	39.85 -0.59 0.00	41.59 -0.80 0.00	42.65 -0.86 0.00	43.29 -0.77 0.00	44.60 -0.82 0.00	49.44 -0.53 0.00	54.35 -0.47 0.00	58.00 -0.15 0.00	67.75 0.12 0.00	67.56 0.02 0.00	63.34 -0.16 0.00	56.16 -0.04 0.00	50.61 0.32 0.00
DUNKIRK___2 23564	29.88 -0.72 0.00	27.50 -0.68 0.00	26.76 -0.73 0.00	29.67 -0.96 0.00	29.40 -0.90 0.00	28.69 -0.85 0.00	26.90 -0.89 0.00	27.43 -0.85 0.00	26.41 -0.61 0.00	32.33 -0.43 0.00	37.54 -0.70 0.00	39.85 -0.59 0.00	41.59 -0.80 0.00	42.65 -0.86 0.00	43.29 -0.77 0.00	44.60 -0.82 0.00	49.44 -0.53 0.00	54.35 -0.47 0.00	58.00 -0.15 0.00	67.75 0.12 0.00	67.56 0.02 0.00	63.34 -0.16 0.00	56.16 -0.04 0.00	50.61 0.32 0.00
DUNKIRK___3 23565	29.72 -0.88 0.00	27.38 -0.80 0.00	26.64 -0.85 0.00	29.51 -1.12 0.00	29.26 -1.03 0.00	28.56 -0.98 0.00	26.77 -1.02 0.00	27.28 -1.00 0.00	26.30 -0.73 0.00	32.19 -0.57 0.00	37.36 -0.89 0.00	39.62 -0.82 0.00	41.35 -1.04 0.00	42.40 -1.11 0.00	43.03 -1.03 0.00	44.35 -1.08 0.00	49.15 -0.82 0.00	54.03 -0.79 0.00	57.66 -0.49 0.00	67.28 -0.34 0.00	67.12 -0.43 0.00	62.92 -0.58 0.00	55.85 -0.35 0.00	50.37 0.09 0.00
DUNKIRK___4 23566	29.72 -0.88 0.00	27.38 -0.80 0.00	26.64 -0.85 0.00	29.51 -1.12 0.00	29.26 -1.03 0.00	28.56 -0.98 0.00	26.77 -1.02 0.00	27.28 -1.00 0.00	26.30 -0.73 0.00	32.19 -0.57 0.00	37.36 -0.89 0.00	39.62 -0.82 0.00	41.35 -1.04 0.00	42.40 -1.11 0.00	43.03 -1.03 0.00	44.35 -1.08 0.00	49.15 -0.82 0.00	54.03 -0.79 0.00	57.66 -0.49 0.00	67.28 -0.34 0.00	67.12 -0.43 0.00	62.92 -0.58 0.00	55.85 -0.35 0.00	50.37 0.09 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.56 1.96 0.00	30.10 1.92 0.00	29.40 1.91 0.00	32.55 1.92 0.00	32.09 1.79 0.00	31.22 1.68 0.00	29.30 1.51 0.00	29.76 1.48 0.00	28.43 1.40 0.00	34.42 1.66 0.00	40.58 2.34 0.00	43.20 2.63 -0.14	45.39 2.90 -0.10	46.95 3.06 -0.37	47.70 3.11 -0.53	48.92 2.97 -0.52	52.65 2.68 0.00	57.37 2.55 0.00	60.16 2.02 0.00	69.47 1.84 0.00	69.18 1.63 0.00	65.08 1.58 0.00	58.06 1.86 0.00	52.40 2.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.20 1.60 0.00	29.74 1.56 0.00	29.05 1.56 0.00	32.22 1.60 0.00	31.77 1.48 0.00	30.94 1.40 0.00	29.04 1.24 0.00	29.48 1.20 0.00	28.12 1.09 0.00	34.02 1.26 0.00	39.98 1.74 0.00	42.52 1.98 -0.11	44.70 2.23 -0.08	46.23 2.42 -0.30	46.99 2.51 -0.42	48.26 2.42 -0.41	52.27 2.30 0.00	57.09 2.27 0.00	59.98 1.83 0.00	69.38 1.76 0.00	69.15 1.60 0.00	65.01 1.50 0.00	57.88 1.68 0.00	52.09 1.82 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.62 2.02 0.00	30.12 1.93 0.00	29.44 1.95 0.00	32.53 1.91 0.00	32.09 1.80 0.00	31.24 1.70 0.00	29.32 1.53 0.00	29.82 1.55 0.00	28.48 1.45 0.00	34.44 1.68 0.00	40.54 2.29 0.00	43.22 2.64 -0.14	45.45 2.96 -0.10	47.00 3.11 -0.37	47.77 3.18 -0.53	49.02 3.07 -0.52	52.65 2.68 0.00	57.19 2.38 0.00	60.11 1.96 0.00	69.18 1.55 0.00	68.90 1.35 0.00	64.93 1.42 0.00	58.12 1.92 0.00	52.48 2.20 0.00

E179THST_13_KV_LOAD 356214	32.81 2.21 0.00	30.29 2.11 0.00	29.60 2.11 0.00	32.70 2.08 0.00	32.26 1.96 0.00	31.40 1.86 0.00	29.46 1.67 0.00	29.98 1.70 0.00	28.64 1.61 0.00	34.63 1.87 0.00	40.78 2.53 0.00	43.49 2.92 -0.14	45.73 3.24 -0.10	47.29 3.41 -0.37	48.06 3.46 -0.53	49.33 3.38 -0.52	52.98 3.01 0.00	57.56 2.74 0.00	60.50 2.35 0.00	69.63 2.00 0.00	69.35 1.80 0.00	65.34 1.84 0.00	58.50 2.30 0.00	52.82 2.54 0.00
EAST HAMPTON___GT 23717	33.44 2.84 0.00	31.21 3.02 0.00	30.39 2.89 0.00	33.65 3.03 0.00	33.05 2.76 0.00	32.09 2.55 0.00	30.30 2.50 0.00	30.33 2.05 0.00	28.84 2.15 0.35	35.90 3.15 0.00	43.35 5.10 0.00	45.92 5.34 -0.14	48.09 5.65 -0.05	49.58 5.67 -0.40	50.38 5.79 -0.52	48.33 4.93 2.03	52.39 4.41 1.98	57.32 4.81 2.32	62.10 3.96 0.00	55.63 3.61 15.60	37.51 3.24 33.27	46.32 3.13 20.31	40.98 2.56 17.77	37.68 2.14 14.74
EAST RIVER___6 23660	32.69 2.08 0.00	30.20 2.02 0.00	29.50 2.01 0.00	32.64 2.02 0.00	32.16 1.87 0.00	31.29 1.75 0.00	29.38 1.58 0.00	29.84 1.57 0.00	28.54 1.51 0.00	34.54 1.78 0.00	40.74 2.50 0.00	43.38 2.81 -0.14	45.61 3.12 -0.10	47.17 3.28 -0.37	47.91 3.32 -0.53	49.13 3.18 -0.52	52.81 2.84 0.00	57.44 2.62 0.00	60.21 2.06 0.00	69.46 1.83 0.00	69.19 1.64 0.00	65.09 1.59 0.00	58.14 1.94 0.00	52.50 2.22 0.00
EAST RIVER___7 23524	32.69 2.08 0.00	30.20 2.02 0.00	29.50 2.01 0.00	32.64 2.02 0.00	32.16 1.87 0.00	31.29 1.75 0.00	29.38 1.58 0.00	29.84 1.57 0.00	28.54 1.51 0.00	34.54 1.78 0.00	40.74 2.50 0.00	43.38 2.81 -0.14	45.61 3.12 -0.10	47.17 3.28 -0.37	47.91 3.32 -0.53	49.13 3.18 -0.52	52.81 2.84 0.00	57.44 2.62 0.00	60.21 2.06 0.00	69.46 1.83 0.00	69.19 1.64 0.00	65.09 1.59 0.00	58.14 1.94 0.00	52.50 2.22 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.42 1.82 0.00	29.98 1.80 0.00	29.29 1.80 0.00	32.44 1.82 0.00	31.98 1.69 0.00	31.12 1.58 0.00	29.20 1.41 0.00	29.66 1.38 0.00	28.33 1.30 0.00	34.28 1.52 0.00	40.40 2.15 0.00	43.00 2.43 -0.13	45.18 2.69 -0.10	46.73 2.85 -0.37	47.49 2.90 -0.53	48.71 2.76 -0.52	52.46 2.49 0.00	57.17 2.35 0.00	59.99 1.85 0.00	69.27 1.65 0.00	69.01 1.46 0.00	64.91 1.41 0.00	57.91 1.71 0.00	52.22 1.94 0.00
EAST_HAMPTON___DIESEL 23722	33.47 2.86 0.00	31.22 3.04 0.00	30.40 2.91 0.00	33.67 3.04 0.00	33.06 2.77 0.00	32.10 2.56 0.00	30.31 2.52 0.00	30.34 2.07 0.00	28.84 2.16 0.35	35.92 3.16 0.00	43.37 5.13 0.00	45.95 5.37 -0.14	48.13 5.68 -0.05	49.60 5.68 -0.40	50.38 5.80 -0.52	48.36 4.96 2.03	52.42 4.44 1.98	57.36 4.86 2.32	62.13 3.99 0.00	55.66 3.63 15.60	37.53 3.26 33.27	46.30 3.12 20.31	40.96 2.53 17.77	37.65 2.10 14.74
EAST_POINT___SOLAR 323840	32.51 1.91 0.00	29.83 1.65 0.00	29.03 1.53 0.00	32.21 1.59 0.00	31.89 1.60 0.00	31.10 1.56 0.00	28.95 1.16 0.00	28.46 0.18 0.00	26.78 -0.25 0.00	32.44 -0.31 0.00	37.96 -0.29 0.00	40.03 -0.34 0.08	42.27 -0.07 0.06	43.54 0.24 0.21	43.89 0.13 0.30	45.64 0.51 0.30	50.90 0.94 0.00	55.57 0.75 0.00	60.52 2.37 0.00	72.09 4.46 0.00	72.93 5.37 0.00	68.60 5.09 0.00	60.51 4.32 0.00	53.99 3.71 0.00
EAST_PULASKI___ESR 323781	30.44 -0.16 0.00	28.01 -0.17 0.00	27.27 -0.22 0.00	30.35 -0.27 0.00	30.02 -0.27 0.00	29.25 -0.29 0.00	27.42 -0.37 0.00	27.83 -0.45 0.00	26.44 -0.58 0.00	32.03 -0.73 0.00	37.42 -0.82 0.00	39.56 -0.88 0.00	41.55 -0.84 0.00	42.64 -0.87 0.00	43.19 -0.87 0.00	44.56 -0.86 0.00	49.34 -0.63 0.00	54.32 -0.50 0.00	58.11 -0.04 0.00	68.07 0.44 0.00	68.04 0.49 0.00	64.75 0.46 -0.79	56.76 0.36 -0.20	50.51 0.23 0.00
EAST_RIVER___1 323558	32.71 2.11 0.00	30.22 2.04 0.00	29.52 2.03 0.00	32.66 2.04 0.00	32.19 1.90 0.00	31.32 1.78 0.00	29.40 1.60 0.00	29.87 1.59 0.00	28.56 1.53 0.00	34.57 1.81 0.00	40.77 2.52 0.00	43.41 2.84 -0.14	45.64 3.16 -0.10	47.19 3.31 -0.37	47.94 3.35 -0.53	49.15 3.20 -0.52	52.85 2.88 0.00	57.50 2.68 0.00	60.24 2.10 0.00	69.51 1.89 0.00	69.23 1.69 0.00	65.14 1.64 0.00	58.18 1.98 0.00	52.54 2.26 0.00
EAST_RIVER___2 323559	32.69 2.08 0.00	30.20 2.02 0.00	29.50 2.01 0.00	32.64 2.02 0.00	32.16 1.87 0.00	31.29 1.75 0.00	29.38 1.58 0.00	29.84 1.57 0.00	28.54 1.51 0.00	34.54 1.78 0.00	40.74 2.50 0.00	43.38 2.81 -0.14	45.61 3.12 -0.10	47.17 3.28 -0.37	47.91 3.32 -0.53	49.13 3.18 -0.52	52.81 2.84 0.00	57.44 2.62 0.00	60.21 2.06 0.00	69.46 1.83 0.00	69.19 1.64 0.00	65.09 1.59 0.00	58.14 1.94 0.00	52.50 2.22 0.00
EAST___DELAWARE_HYD 23607	31.34 0.74 0.00	28.89 0.72 0.00	28.19 0.70 0.00	31.26 0.63 0.00	30.83 0.54 0.00	30.02 0.48 0.00	28.17 0.38 0.00	28.62 0.34 0.00	27.28 0.25 0.00	32.99 0.23 0.00	38.71 0.47 0.00	41.15 0.62 -0.09	43.30 0.85 -0.06	44.88 1.13 -0.24	45.58 1.19 -0.33	47.03 1.27 -0.33	51.17 1.21 0.00	55.94 1.12 0.00	58.78 0.64 0.00	68.00 0.37 0.00	67.80 0.25 0.00	63.68 0.18 0.00	56.64 0.44 0.00	50.92 0.64 0.00
EIGHT_POINT___WT_PWR 323820	30.47 -0.13 0.00	27.96 -0.22 0.00	26.95 -0.54 0.00	29.82 -0.81 0.00	29.74 -0.55 0.00	29.14 -0.40 0.00	27.19 -0.60 0.00	27.49 -0.79 0.00	26.29 -0.74 0.00	32.09 -0.67 0.00	37.30 -0.94 0.00	39.51 -0.93 0.00	41.42 -0.98 0.00	42.42 -1.10 0.00	43.08 -0.98 0.00	44.26 -1.17 0.00	49.04 -0.93 0.00	54.01 -0.81 0.00	57.97 -0.17 0.00	68.39 0.77 0.00	68.79 1.24 0.00	64.54 0.93 -0.11	57.09 0.86 -0.03	51.34 1.06 0.00
ELBRIDGE_115KV_TB2 80188	30.24 -0.36 0.00	27.86 -0.32 0.00	27.14 -0.35 0.00	30.20 -0.43 0.00	29.89 -0.40 0.00	29.13 -0.40 0.00	27.36 -0.43 0.00	27.80 -0.48 0.00	26.48 -0.55 0.00	32.10 -0.66 0.00	37.45 -0.80 0.00	39.66 -0.78 0.00	41.61 -0.79 0.00	42.77 -0.75 0.00	43.42 -0.65 0.00	44.82 -0.60 0.00	49.45 -0.52 0.00	54.38 -0.44 0.00	57.89 -0.25 0.00	67.46 -0.17 0.00	67.27 -0.28 0.00	63.70 -0.37 -0.56	56.02 -0.32 -0.14	50.07 -0.21 0.00
ELEC_TRO_TEK 24086	32.34 1.74 0.00	30.09 1.91 0.00	29.35 1.86 0.00	32.45 1.82 0.00	31.94 1.65 0.00	31.03 1.49 0.00	29.12 1.33 0.00	29.45 1.17 0.00	28.11 1.14 0.06	34.35 1.59 0.00	40.93 2.69 0.00	43.60 3.00 -0.16	46.33 3.34 -0.60	47.74 3.43 -0.80	48.38 3.52 -0.80	53.66 3.24 -5.00	52.45 2.48 0.00	57.15 2.33 0.00	59.73 1.58 0.00	64.73 1.16 4.05	61.88 0.91 6.58	59.12 0.89 5.28	53.39 1.15 3.96	48.66 1.47 3.09
ELLENBURG_WT_PWR 323604	30.80 0.20 0.00	28.15 -0.03 0.00	27.39 -0.10 0.00	30.57 -0.06 0.00	30.19 -0.10 0.00	29.50 -0.04 0.00	27.85 0.06 0.00	28.39 0.11 0.00	27.42 0.39 0.00	33.43 0.67 0.00	38.90 0.66 0.00	41.06 0.62 0.00	42.88 0.49 0.00	43.85 0.34 0.00	44.38 0.32 0.00	45.67 0.25 0.00	50.40 0.43 0.00	55.40 0.58 0.00	58.83 0.69 0.00	68.70 1.08 0.00	68.72 1.17 0.00	64.59 1.09 0.00	56.90 0.70 0.00	50.67 0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.25 -1.35 0.00	27.00 -1.18 0.00	26.28 -1.21 0.00	29.05 -1.57 0.00	28.88 -1.41 0.00	28.18 -1.36 0.00	26.43 -1.37 0.00	26.95 -1.33 0.00	26.06 -0.97 0.00	31.93 -0.83 0.00	36.89 -1.36 0.00	39.01 -1.43 0.00	40.72 -1.67 0.00	41.74 -1.77 0.00	42.29 -1.77 0.00	43.75 -1.68 0.00	48.56 -1.41 0.00	53.41 -1.41 0.00	57.07 -1.07 0.00	66.47 -1.16 0.00	66.35 0.00 0.00	62.23 -1.27 0.00	55.29 -0.91 0.00	49.93 -0.35 0.00
EMPIRE_CC_1 323656	31.42 0.82 0.00	29.08 0.90 0.00	28.48 0.99 0.00	31.84 1.22 0.00	31.47 1.17 0.00	30.64 1.10 0.00	28.73 0.94 0.00	29.10 0.82 0.00	27.60 0.57 0.00	33.27 0.51 0.00	38.82 0.57 0.00	40.73 0.49 0.21	42.76 0.52 0.15	43.40 0.46 0.57	43.64 0.38 0.80	45.03 0.40 0.79	50.26 0.29 0.00	55.22 0.40 0.00	58.41 0.26 0.00	67.88 0.25 0.00	67.68 0.13 0.00	63.75 0.25 0.00	56.63 0.43 0.00	50.87 0.59 0.00
EMPIRE_CC_2 323658	31.42 0.82 0.00	29.08 0.90 0.00	28.48 0.99 0.00	31.84 1.22 0.00	31.47 1.17 0.00	30.64 1.10 0.00	28.73 0.94 0.00	29.10 0.82 0.00	27.60 0.57 0.00	33.27 0.51 0.00	38.82 0.57 0.00	40.73 0.49 0.21	42.76 0.52 0.15	43.40 0.46 0.57	43.64 0.38 0.80	45.03 0.40 0.79	50.26 0.29 0.00	55.22 0.40 0.00	58.41 0.26 0.00	67.88 0.25 0.00	67.68 0.13 0.00	63.75 0.25 0.00	56.63 0.43 0.00	50.87 0.59 0.00
ENORWICH_115KV_TB1 80156	32.55 1.94 0.00	29.89 1.71 0.00	29.07 1.58 0.00	32.30 1.67 0.00	31.94 1.65 0.00	31.05 1.51 0.00	28.95 1.16 0.00	29.29 1.01 0.00	27.71 0.68 0.00	33.79 1.03 0.00	39.72 1.47 0.00	42.02 1.57 0.00	43.96 1.57 0.00	45.16 1.65 0.00	45.79 1.73 0.00	47.25 1.82 0.00	52.33 2.36 0.00	57.78 2.96 0.00	61.87 3.73 0.00	72.71 5.08 0.00	72.74 5.19 0.00	67.97 4.25 -0.22	59.67 3.42 -0.06	53.27 2.99 0.00
ERIE_ST__34_KV_TB1-2 80199	29.49 -1.11 0.00	27.19 -0.98 0.00	26.46 -1.04 0.00	29.25 -1.37 0.00	29.04 -1.25 0.00	28.34 -1.20 0.00	26.58 -1.21 0.00	27.10 -1.17 0.00	26.20 -0.83 0.00	32.10 -0.66 0.00	37.16 -1.09 0.00	39.36 -1.09 0.00	41.12 -1.27 0.00	42.19 -1.32 0.00	42.82 -1.24 0.00	44.27 -1.16 0.00	49.17 -0.80 0.00	54.11 -0.71 0.00	57.78 -0.36 0.00	67.29 -0.34 0.00	67.05 -0.50 0.00	62.83 -0.67 0.00	55.78 -0.42 0.00	50.31 0.03 0.00
ERIE_WT_PWR 323693	29.42 -1.19 0.00	27.13 -1.05 0.00	26.40 -1.09 0.00	29.19 -1.44 0.00	29.00 -1.29 0.00	28.30 -1.24 0.00	26.53 -1.26 0.00	27.05 -1.23 0.00	26.16 -0.87 0.00	32.04 -0.72 0.00	37.06 -1.19 0.00	39.20 -1.24 0.00	40.95 -1.45 0.00	42.00 -1.52 0.00	42.55 -1.52 0.00	43.99 -1.43 0.00	48.84 -1.13 0.00	53.74 -1.08 0.00	57.46 -0.69 0.00	66.99 -0.64 0.00	66.82 -0.73 0.00	62.60 -0.90 0.00	55.63 -0.56 0.00	50.23 -0.05 0.00
ESPRGFLD_115KV_TB1 80157	31.92 1.32 0.00	29.29 1.11 0.00	28.48 0.98 0.00	31.58 0.95 0.00	31.26 0.97 0.00	30.48 0.94 0.00	28.60 0.81 0.00	28.95 0.67 0.00	27.65 0.62 0.00	33.71 0.95 0.00	39.50 1.26 0.00	41.85 1.45 0.05	43.98 1.62 0.03	45.16 1.78 0.13	45.77 1.89 0.18	47.22 1.97 0.18	52.20 2.23 0.00	57.19 2.37 0.00	60.93 2.79 0.00	71.17 3.54 0.00	71.33 3.78 0.00	67.02 3.51 0.00	59.13 2.94 0.00	52.92 2.64 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.05 0.45 0.00	28.57 0.39 0.00	27.81 0.32 0.00	30.93 0.30 0.00	30.60 0.30 0.00	29.82 0.28 0.00	27.97 0.18 0.00	28.37 0.09 0.00	26.94 -0.09 0.00	32.62 -0.14 0.00	38.08 -0.16 0.00	40.29 -0.14 0.00	42.25 -0.15 0.00	43.50 -0.01 0.00	44.13 0.07 0.00	45.49 0.06 0.00	50.26 0.30 0.00	55.36 0.54 0.00	59.15 1.01 0.00	69.22 1.59 0.00	69.25 1.69 0.00	65.23 1.43 -0.30	57.50 1.22 -0.08	51.42 1.14 0.00
ETNA_____115KV_TB2 80207	31.05 0.45 0.00	28.57 0.39 0.00	27.81 0.32 0.00	30.93 0.30 0.00	30.60 0.30 0.00	29.82 0.28 0.00	27.97 0.18 0.00	28.37 0.09 0.00	26.94 -0.09 0.00	32.62 -0.14 0.00	38.08 -0.16 0.00	40.29 -0.14 0.00	42.25 -0.15 0.00	43.50 -0.01 0.00	44.13 0.07 0.00	45.49 0.06 0.00	50.26 0.30 0.00	55.36 0.54 0.00	59.15 1.01 0.00	69.22 1.59 0.00	69.25 1.69 0.00	65.23 1.43 -0.30	57.50 1.22 -0.08	51.42 1.14 0.00
EUCLID___115KV_TB2 356179	29.99 -0.61 0.00	27.63 -0.55 0.00	26.93 -0.55 0.00	29.96 -0.66 0.00	29.66 -0.63 0.00	28.90 -0.64 0.00	27.15 -0.64 0.00	27.59 -0.68 0.00	26.31 -0.71 0.00	31.92 -0.84 0.00	37.28 -0.97 0.00	39.47 -0.98 0.00	41.42 -0.98 0.00	42.57 -0.95 0.00	43.16 -0.90 0.00	44.56 -0.87 0.00	49.14 -0.83 0.00	54.02 -0.80 0.00	57.44 -0.70 0.00	66.85 -0.77 0.00	66.72 -0.83 0.00	62.83 -0.92 0.00	55.45 -0.81 -0.24	49.62 -0.66 -0.06
E_CANADA_CAP_HY 24051	32.21 1.61 0.00	29.54 1.36 0.00	28.73 1.24 0.00	31.85 1.22 0.00	31.53 1.24 0.00	30.76 1.22 0.00	28.84 1.05 0.00	29.01 0.73 0.00	27.62 0.60 0.00	33.58 0.82 0.00	39.24 1.00 0.00	41.46 1.09 0.07	43.59 1.25 0.05	44.73 1.41 0.19	45.27 1.47 0.27	46.83 1.67 0.27	51.98 2.01 0.00	57.00 2.18 0.00	61.07 2.92 0.00	71.76 4.13 0.00	72.14 4.59 0.00	67.85 4.35 0.00	59.87 3.67 0.00	53.50 3.22 0.00
E_CANADA_MHWK_HY 24050	31.25 0.65 0.00	28.94 0.76 0.00	28.26 0.77 0.00	31.63 1.00 0.00	31.23 0.94 0.00	30.41 0.87 0.00	28.45 0.65 0.00	28.52 0.24 0.00	26.59 -0.44 0.00	31.84 -0.92 0.00	37.22 -1.03 0.00	39.47 -0.97 0.00	41.43 -0.97 0.00	42.61 -0.90 0.00	43.07 -1.00 0.00	44.45 -0.98 0.00	49.08 -0.88 0.00	54.23 -0.59 0.00	57.93 -0.21 0.00	68.02 0.40 0.00	68.25 0.70 0.00	63.98 0.48 0.00	56.72 0.52 0.00	50.85 0.57 0.00
E_FISHKILL___LBMP 23776	32.03 1.43 0.00	29.62 1.44 0.00	28.94 1.45 0.00	32.13 1.50 0.00	31.69 1.40 0.00	30.85 1.31 0.00	28.95 1.16 0.00	29.39 1.11 0.00	28.01 0.98 0.00	33.87 1.11 0.00	39.82 1.58 0.00	42.34 1.76 -0.14	44.45 1.95 -0.10	45.97 2.08 -0.38	46.72 2.11 -0.54	47.97 2.00 -0.54	51.74 1.77 0.00	56.52 1.70 0.00	59.43 1.29 0.00	68.74 1.11 0.00	68.50 0.95 0.00	64.43 0.93 0.00	57.39 1.20 0.00	51.70 1.42 0.00
FALCON___SEABRD_CC1 323796	31.17 0.56 0.00	28.51 0.33 0.00	27.69 0.20 0.00	30.94 0.31 0.00	30.53 0.23 0.00	29.84 0.30 0.00	28.14 0.35 0.00	28.64 0.36 0.00	27.66 0.63 0.00	33.74 0.98 0.00	39.25 1.00 0.00	41.41 0.97 0.00	43.15 0.75 0.00	44.01 0.50 0.00	44.50 0.44 0.00	45.65 0.22 0.00	50.41 0.45 0.00	55.53 0.71 0.00	58.93 0.78 0.00	68.93 1.31 0.00	68.89 1.34 0.00	64.67 1.17 0.00	56.98 0.79 0.00	50.75 0.47 0.00
FALCON___SEABRD_CC2 323797	31.17 0.56 0.00	28.51 0.33 0.00	27.69 0.20 0.00	30.94 0.31 0.00	30.53 0.23 0.00	29.84 0.30 0.00	28.14 0.35 0.00	28.64 0.36 0.00	27.66 0.63 0.00	33.74 0.98 0.00	39.25 1.00 0.00	41.41 0.97 0.00	43.15 0.75 0.00	44.01 0.50 0.00	44.50 0.44 0.00	45.65 0.22 0.00	50.41 0.45 0.00	55.53 0.71 0.00	58.93 0.78 0.00	68.93 1.31 0.00	68.89 1.34 0.00	64.67 1.17 0.00	56.98 0.79 0.00	50.75 0.47 0.00

FAR ROCKAWAY___4 23548	32.93 2.33 0.00	30.62 2.44 0.00	29.84 2.35 0.00	32.96 2.33 0.00	32.43 2.14 0.00	31.49 1.95 0.00	29.54 1.75 0.00	29.90 1.62 0.00	28.62 1.59 -0.01	34.94 2.18 0.00	41.68 3.43 0.00	44.52 3.88 -0.20	48.05 4.27 -1.39	49.30 4.40 -1.39	49.64 4.38 -1.20	64.65 4.10 -15.12	53.40 3.43 0.00	58.16 3.34 0.00	60.76 2.62 0.00	68.36 2.30 1.57	69.13 2.00 0.42	63.32 1.87 2.05	57.34 2.05 0.91	51.64 2.40 1.03
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.71 2.11 0.00	30.21 2.03 0.00	29.53 2.04 0.00	32.67 2.05 0.00	32.20 1.91 0.00	31.33 1.79 0.00	29.40 1.61 0.00	29.89 1.61 0.00	28.58 1.55 0.00	34.58 1.83 0.00	40.78 2.54 0.00	43.43 2.86 -0.14	45.66 3.17 -0.10	47.22 3.33 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.87 2.90 0.00	57.53 2.71 0.00	60.28 2.13 0.00	69.54 1.91 0.00	69.26 1.72 0.00	65.11 1.61 0.00	58.12 1.92 0.00	52.57 2.29 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.75 2.15 0.00	30.28 2.10 0.00	29.57 2.08 0.00	32.72 2.09 0.00	32.25 1.95 0.00	31.37 1.83 0.00	29.44 1.65 0.00	29.92 1.65 0.00	28.61 1.59 0.00	34.63 1.88 0.00	40.84 2.60 0.00	43.49 2.92 -0.14	45.72 3.23 -0.10	47.28 3.39 -0.37	48.02 3.43 -0.53	49.23 3.28 -0.52	52.94 2.97 0.00	57.59 2.77 0.00	60.36 2.21 0.00	69.64 2.02 0.00	69.36 1.82 0.00	65.27 1.77 0.00	58.29 2.10 0.00	52.65 2.37 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.70 2.09 0.00	30.22 2.04 0.00	29.51 2.02 0.00	32.65 2.02 0.00	32.18 1.89 0.00	31.31 1.77 0.00	29.39 1.59 0.00	29.87 1.59 0.00	28.56 1.53 0.00	34.56 1.80 0.00	40.75 2.51 0.00	43.39 2.81 -0.14	45.61 3.13 -0.10	47.18 3.29 -0.37	47.91 3.32 -0.53	49.13 3.18 -0.52	52.82 2.86 0.00	57.47 2.65 0.00	60.22 2.08 0.00	69.47 1.84 0.00	69.20 1.65 0.00	65.11 1.61 0.00	58.17 1.98 0.00	52.53 2.25 0.00
FARRAGUT___LBMP 323566	32.67 2.07 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 2.00 0.00	32.16 1.87 0.00	31.29 1.75 0.00	29.36 1.57 0.00	29.85 1.57 0.00	28.54 1.51 0.00	34.53 1.78 0.00	40.72 2.47 0.00	43.35 2.78 0.00	45.58 3.09 0.00	47.13 3.25 0.00	47.87 3.28 -0.53	49.08 3.13 -0.52	52.78 2.81 0.00	57.42 2.60 0.00	60.17 2.03 0.00	69.41 1.78 0.00	69.15 1.60 0.00	65.05 1.54 0.00	58.12 1.92 0.00	52.48 2.20 0.00
FENNER___WINDPWR 24204	31.16 0.56 0.00	28.66 0.48 0.00	27.92 0.43 0.00	31.07 0.44 0.00	30.72 0.42 0.00	29.95 0.41 0.00	28.12 0.32 0.00	28.51 0.23 0.00	27.08 0.05 0.00	32.81 0.05 0.00	38.32 0.08 0.00	40.54 0.10 0.00	42.56 0.17 0.00	43.80 0.29 0.00	44.40 0.34 0.00	45.82 0.39 0.00	50.60 0.63 0.00	55.73 0.91 0.00	59.41 1.27 0.00	69.38 1.76 0.00	69.41 1.86 0.00	65.31 1.57 -0.23	57.60 1.35 -0.06	51.47 1.19 0.00
FIBERTEK___ENERGY 23856	30.36 -0.24 0.00	27.96 -0.22 0.00	27.24 -0.25 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.23 -0.31 0.00	27.46 -0.34 0.00	27.90 -0.38 0.00	26.57 -0.45 0.00	32.22 -0.53 0.00	37.63 -0.61 0.00	39.87 -0.57 0.00	41.85 -0.54 0.00	43.03 -0.49 0.00	43.64 -0.42 0.00	45.08 -0.35 0.00	49.75 -0.22 0.00	54.71 -0.11 0.00	58.25 0.10 0.00	67.81 0.18 0.00	67.67 0.12 0.00	64.00 -0.03 -0.53	56.29 -0.05 -0.14	50.29 0.00 0.00
FITZPATRICK___ 23598	29.60 -1.01 0.00	27.27 -0.91 0.00	26.59 -0.90 0.00	29.59 -1.03 0.00	29.29 -1.00 0.00	28.55 -0.99 0.00	26.83 -0.96 0.00	27.27 -1.00 0.00	26.03 -1.00 0.00	31.57 -1.19 0.00	36.84 -1.41 0.00	38.97 -1.47 0.00	40.88 -1.51 0.00	41.98 -1.53 0.00	42.55 -1.52 0.00	43.92 -1.51 0.00	48.39 -1.58 0.00	53.17 -1.65 0.00	56.49 -1.65 0.00	65.75 -1.87 0.00	65.61 -1.92 0.02	58.72 -1.89 2.89	53.79 -1.65 0.75	48.88 -1.40 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.46 1.86 0.00	29.98 1.80 0.00	29.28 1.79 0.00	32.47 1.85 0.00	32.03 1.74 0.00	31.18 1.64 0.00	29.27 1.47 0.00	29.73 1.46 0.00	28.35 1.32 0.00	34.30 1.55 0.00	40.34 2.10 0.00	42.92 2.37 -0.11	45.13 2.66 -0.08	46.68 2.86 -0.30	47.45 2.96 -0.43	48.76 2.91 -0.42	52.84 2.88 0.00	57.74 2.92 0.00	60.67 2.53 0.00	70.20 2.57 0.00	69.93 2.38 0.00	65.71 2.21 0.00	58.46 2.27 0.00	52.59 2.31 0.00
FORT ORANGE___ 23900	31.31 0.71 0.00	29.02 0.84 0.00	28.41 0.92 0.00	31.74 1.11 0.00	31.38 1.09 0.00	30.57 1.03 0.00	28.69 0.90 0.00	29.06 0.79 0.00	27.55 0.52 0.00	33.23 0.47 0.00	38.81 0.57 0.00	40.86 0.52 0.10	42.67 0.35 0.07	43.31 0.07 0.27	43.69 0.01 0.39	45.14 0.09 0.38	49.98 0.01 0.00	54.81 -0.02 0.00	58.09 -0.05 0.00	67.62 -0.01 0.00	67.52 -0.03 0.00	63.59 0.09 0.00	56.41 0.22 0.00	50.60 0.31 0.00
FORT_DRUM_COGEN 23780	32.13 1.52 0.00	29.44 1.26 0.00	28.59 1.09 0.00	31.82 1.19 0.00	31.48 1.19 0.00	30.69 1.15 0.00	28.77 0.97 0.00	29.04 0.76 0.00	27.40 0.38 0.00	33.01 0.25 0.00	38.49 0.24 0.00	40.57 0.13 0.00	42.63 0.24 0.00	43.69 0.18 0.00	44.11 0.05 0.00	45.62 0.19 0.00	51.12 1.15 0.00	56.50 1.68 0.00	61.02 2.88 0.00	72.67 5.04 0.00	72.87 5.32 0.00	68.98 5.10 -0.39	60.56 4.26 -0.10	53.63 3.35 0.00
FOX_HILLS___ESR 323835	32.71 2.11 0.00	30.20 2.02 0.00	29.51 2.02 0.00	32.61 1.98 0.00	32.16 1.87 0.00	31.32 1.78 0.00	29.38 1.59 0.00	29.88 1.60 0.00	28.57 1.54 0.00	34.50 1.74 0.00	40.61 2.36 0.00	43.27 2.69 -0.14	45.54 3.05 -0.10	47.13 3.24 -0.37	47.88 3.29 -0.53	49.07 3.12 -0.52	52.81 2.85 0.00	57.35 2.53 0.00	60.18 2.04 0.00	69.36 1.74 0.00	69.04 1.49 0.00	65.08 1.58 0.00	58.15 1.95 0.00	52.44 2.15 0.00
FPL_FAR_ROCK_GT1 24212	32.93 2.33 0.00	30.63 2.45 0.00	29.83 2.34 0.00	32.96 2.33 0.00	32.43 2.14 0.00	31.49 1.96 0.00	29.53 1.74 0.00	29.89 1.61 0.00	28.61 1.58 -0.01	34.94 2.19 0.00	41.68 3.43 0.00	44.51 3.87 -0.20	47.95 4.17 -1.39	49.19 4.28 -1.39	49.52 4.26 -1.20	64.39 3.84 -15.12	53.40 3.43 0.00	58.15 3.33 0.00	60.76 2.61 0.00	68.35 2.29 1.57	69.13 2.01 0.42	63.30 1.85 2.05	57.33 2.04 0.91	51.62 2.37 1.03
FPL_FAR_ROCK_GT2 23815	32.93 2.33 0.00	30.63 2.45 0.00	29.83 2.34 0.00	32.96 2.33 0.00	32.43 2.14 0.00	31.49 1.96 0.00	29.53 1.74 0.00	29.89 1.61 0.00	28.61 1.58 -0.01	34.94 2.19 0.00	41.68 3.43 0.00	44.51 3.87 -0.20	47.95 4.17 -1.39	49.19 4.28 -1.39	49.52 4.26 -1.20	64.39 3.84 -15.12	53.40 3.43 0.00	58.15 3.33 0.00	60.76 2.61 0.00	68.35 2.29 1.57	69.13 2.01 0.42	63.30 1.85 2.05	57.33 2.04 0.91	51.62 2.37 1.03
FRANKLIN_FALL_HYD 24054	31.15 0.55 0.00	28.41 0.23 0.00	27.63 0.14 0.00	30.84 0.21 0.00	30.51 0.22 0.00	29.83 0.29 0.00	28.16 0.37 0.00	28.68 0.40 0.00	27.67 0.64 0.00	33.76 1.00 0.00	39.25 1.01 0.00	41.48 1.04 0.00	43.27 0.88 0.00	44.30 0.79 0.00	44.83 0.77 0.00	46.12 0.69 0.00	51.00 1.03 0.00	56.09 1.27 0.00	59.78 1.64 0.00	70.02 2.39 0.00	70.09 2.54 0.00	65.97 2.46 0.00	58.00 1.81 0.00	51.54 1.26 0.00



FREEPORT_EQUS_GT1 23764	32.50 1.90 0.00	30.26 2.07 0.00	29.49 2.00 0.00	32.57 1.95 0.00	32.04 1.75 0.00	31.12 1.58 0.00	29.19 1.40 0.00	29.51 1.23 0.00	27.99 1.19 0.23	34.48 1.72 0.00	41.22 2.98 0.00	43.93 3.33 -0.16	46.53 3.62 -0.52	47.94 3.68 -0.75	48.63 3.81 -0.76	52.67 3.36 -3.88	52.64 2.67 0.00	57.40 2.58 0.00	59.93 1.79 0.00	58.02 1.32 10.93	45.78 1.03 22.80	50.48 1.21 14.23	45.54 1.43 12.09	43.99 1.69 7.98
FREEPORT___CT2 23818	32.50 1.90 0.00	30.26 2.07 0.00	29.49 2.00 0.00	32.57 1.95 0.00	32.04 1.75 0.00	31.12 1.58 0.00	29.19 1.40 0.00	29.51 1.23 0.00	27.99 1.19 0.23	34.48 1.72 0.00	41.22 2.98 0.00	43.93 3.33 -0.16	46.53 3.62 -0.52	47.94 3.68 -0.75	48.63 3.81 -0.76	52.67 3.36 -3.88	52.64 2.67 0.00	57.40 2.58 0.00	59.93 1.79 0.00	58.02 1.32 10.93	45.78 1.03 22.80	50.48 1.21 14.23	45.54 1.43 12.09	43.99 1.69 7.98
FRESHKLS_33_KV_LOAD 356253	32.80 2.20 0.00	30.28 2.10 0.00	29.59 2.10 0.00	32.70 2.07 0.00	32.27 1.97 0.00	31.42 1.88 0.00	29.48 1.69 0.00	29.97 1.69 0.00	28.64 1.62 0.00	34.57 1.81 0.00	40.67 2.42 0.00	43.32 2.75 -0.14	45.61 3.12 -0.10	47.23 3.34 -0.37	47.97 3.38 -0.53	49.16 3.21 -0.52	53.00 3.03 0.00	57.59 2.77 0.00	60.43 2.29 0.00	69.70 2.07 0.00	69.30 1.75 0.00	65.31 1.80 0.00	58.28 2.08 0.00	52.50 2.22 0.00
FULTON COGEN____ 23766	29.96 -0.64 0.00	27.60 -0.58 0.00	26.91 -0.59 0.00	29.93 -0.69 0.00	29.62 -0.67 0.00	28.87 -0.67 0.00	27.12 -0.68 0.00	27.55 -0.73 0.00	26.26 -0.77 0.00	31.83 -0.93 0.00	37.18 -1.07 0.00	39.34 -1.10 0.00	41.29 -1.10 0.00	42.42 -1.09 0.00	43.03 -1.03 0.00	44.43 -1.00 0.00	49.05 -0.92 0.00	53.92 -0.90 0.00	57.40 -0.74 0.00	66.83 -0.80 0.00	66.71 -0.84 0.00	63.50 -0.94 -0.94	55.60 -0.85 -0.24	49.57 -0.71 0.00
FULTON___LFGE 323630	32.33 1.73 0.00	29.70 1.52 0.00	28.92 1.42 0.00	32.13 1.50 0.00	31.79 1.50 0.00	30.99 1.45 0.00	29.00 1.21 0.00	28.96 0.68 0.00	27.27 0.24 0.00	32.92 0.16 0.00	38.38 0.14 0.00	40.51 0.15 0.08	42.53 0.19 0.06	43.66 0.37 0.22	44.21 0.46 0.31	45.78 0.66 0.30	51.19 1.23 0.00	56.31 1.49 0.00	60.66 2.52 0.00	71.61 3.98 0.00	72.11 4.56 0.00	67.82 4.32 0.00	59.88 3.69 0.00	53.49 3.21 0.00
G.F.CEMENT___DRP 24184	32.25 1.65 0.00	29.86 1.69 0.00	29.19 1.70 0.00	32.63 2.00 0.00	32.12 1.83 0.00	31.35 1.81 0.00	29.43 1.64 0.00	29.72 1.45 0.00	28.03 1.00 0.00	33.71 0.95 0.00	39.11 0.86 0.00	41.23 0.91 0.12	43.19 0.88 0.09	44.25 1.07 0.33	44.65 1.05 0.47	46.27 1.31 0.47	51.63 1.67 0.00	57.45 2.63 0.00	61.45 3.31 0.00	71.76 4.13 0.00	71.70 4.15 0.00	67.27 3.77 0.00	59.55 3.36 0.00	53.12 2.84 0.00
GARDENVILLE___LBMP 24039	29.36 -1.24 0.00	27.08 -1.10 0.00	26.36 -1.13 0.00	29.14 -1.48 0.00	28.96 -1.34 0.00	28.26 -1.29 0.00	26.50 -1.29 0.00	27.01 -1.27 0.00	26.11 -0.92 0.00	31.97 -0.79 0.00	36.97 -1.28 0.00	39.11 -1.33 0.00	40.85 -1.55 0.00	41.88 -1.63 0.00	42.45 -1.62 0.00	43.88 -1.55 0.00	48.69 -1.27 0.00	53.57 -1.25 0.00	57.24 -0.90 0.00	66.72 -0.91 0.00	66.59 -0.96 0.00	62.44 -1.07 0.00	55.46 -0.73 0.00	50.07 -0.21 0.00
GARDNVLA_35_KV_LD 355827	29.44 -1.17 0.00	27.15 -1.03 0.00	26.42 -1.07 0.00	29.21 -1.42 0.00	29.02 -1.27 0.00	28.31 -1.23 0.00	26.55 -1.24 0.00	27.07 -1.21 0.00	26.18 -0.85 0.00	32.07 -0.69 0.00	37.09 -1.16 0.00	39.26 -1.18 0.00	41.01 -1.38 0.00	42.07 -1.45 0.00	42.64 -1.42 0.00	44.11 -1.32 0.00	48.98 -0.99 0.00	53.89 -0.93 0.00	57.58 -0.56 0.00	67.07 -0.56 0.00	66.92 -0.63 0.00	62.74 -0.76 0.00	55.71 -0.49 0.00	50.26 -0.02 0.00
GELCKHM___115KV_LOAD 80723	30.13 -0.47 0.00	27.75 -0.42 0.00	27.05 -0.44 0.00	30.10 -0.53 0.00	29.78 -0.51 0.00	29.04 -0.50 0.00	27.26 -0.53 0.00	27.71 -0.57 0.00	26.41 -0.62 0.00	32.03 -0.73 0.00	37.41 -0.84 0.00	39.61 -0.83 0.00	41.58 -0.81 0.00	42.74 -0.78 0.00	43.34 -0.73 0.00	44.75 -0.68 0.00	49.36 -0.61 0.00	54.27 -0.55 0.00	57.75 -0.39 0.00	67.21 -0.41 0.00	67.08 -0.47 0.00	63.27 -0.57 -0.34	55.76 -0.52 -0.09	49.88 -0.40 0.00
GENERAL___MILLS 23808	29.40 -1.20 0.00	27.12 -1.06 0.00	26.39 -1.10 0.00	29.18 -1.45 0.00	28.99 -1.30 0.00	28.29 -1.25 0.00	26.53 -1.27 0.00	27.04 -1.24 0.00	26.14 -0.89 0.00	32.02 -0.73 0.00	37.03 -1.22 0.00	39.18 -1.26 0.00	40.92 -1.47 0.00	41.97 -1.55 0.00	42.54 -1.53 0.00	43.98 -1.44 0.00	48.83 -1.14 0.00	53.73 -1.09 0.00	57.40 -0.74 0.00	66.90 -0.72 0.00	66.74 -0.81 0.00	62.59 -0.92 0.00	55.59 -0.61 0.00	50.17 -0.11 0.00
GE_PLASTICS___DRP 24183	30.94 0.34 0.00	28.75 0.57 0.00	28.23 0.73 0.00	31.55 0.92 0.00	31.20 0.91 0.00	30.40 0.86 0.00	28.54 0.74 0.00	28.94 0.66 0.00	27.47 0.44 0.00	33.17 0.41 0.00	38.77 0.53 0.00	40.87 0.51 0.08	42.84 0.50 0.06	43.70 0.40 0.21	44.13 0.37 0.30	45.52 0.39 0.30	50.27 0.30 0.00	55.14 0.32 0.00	58.33 0.19 0.00	67.78 0.15 0.00	67.64 0.10 0.00	63.64 0.14 0.00	56.47 0.28 0.00	50.69 0.41 0.00
GILBOA___1 23756	31.28 0.68 0.00	28.90 0.72 0.00	28.24 0.75 0.00	31.54 0.92 0.00	31.26 0.97 0.00	30.46 0.92 0.00	28.60 0.81 0.00	29.01 0.74 0.00	27.43 0.40 0.00	33.17 0.41 0.00	38.82 0.57 0.00	41.10 0.64 -0.02	43.12 0.71 -0.02	44.33 0.76 -0.06	44.91 0.77 -0.08	46.23 0.72 -0.08	50.59 0.63 0.00	55.40 0.58 0.00	58.46 0.31 0.00	67.85 0.22 0.00	67.85 0.30 0.00	63.78 0.28 0.00	56.61 0.41 0.00	50.90 0.62 0.00
GILBOA___2 23757	31.28 0.68 0.00	28.90 0.72 0.00	28.24 0.75 0.00	31.54 0.92 0.00	31.26 0.97 0.00	30.46 0.92 0.00	28.60 0.81 0.00	29.01 0.74 0.00	27.43 0.40 0.00	33.17 0.41 0.00	38.82 0.57 0.00	41.10 0.64 -0.02	43.12 0.71 -0.02	44.33 0.76 -0.06	44.91 0.77 -0.08	46.23 0.72 -0.08	50.59 0.63 0.00	55.40 0.58 0.00	58.46 0.31 0.00	67.85 0.22 0.00	67.85 0.30 0.00	63.78 0.28 0.00	56.61 0.41 0.00	50.90 0.62 0.00
GILBOA___3 23758	31.28 0.68 0.00	28.90 0.72 0.00	28.24 0.75 0.00	31.54 0.92 0.00	31.26 0.97 0.00	30.46 0.92 0.00	28.60 0.81 0.00	29.01 0.74 0.00	27.43 0.40 0.00	33.17 0.41 0.00	38.82 0.57 0.00	41.10 0.64 -0.02	43.12 0.71 -0.02	44.33 0.76 -0.06	44.91 0.77 -0.08	46.23 0.72 -0.08	50.59 0.63 0.00	55.40 0.58 0.00	58.46 0.31 0.00	67.85 0.22 0.00	67.85 0.30 0.00	63.78 0.28 0.00	56.61 0.41 0.00	50.90 0.62 0.00
GILBOA___4 23759	31.28 0.68 0.00	28.90 0.72 0.00	28.24 0.75 0.00	31.54 0.92 0.00	31.26 0.97 0.00	30.46 0.92 0.00	28.60 0.81 0.00	29.01 0.74 0.00	27.43 0.40 0.00	33.17 0.41 0.00	38.82 0.57 0.00	41.10 0.64 -0.02	43.12 0.71 -0.02	44.33 0.76 -0.06	44.91 0.77 -0.08	46.23 0.72 -0.08	50.59 0.63 0.00	55.40 0.58 0.00	58.46 0.31 0.00	67.85 0.22 0.00	67.85 0.30 0.00	63.78 0.28 0.00	56.61 0.41 0.00	50.90 0.62 0.00

GILBOA____ 23599	31.28 0.68 0.00	28.90 0.72 0.00	28.24 0.75 0.00	31.54 0.92 0.00	31.27 0.97 0.00	30.46 0.92 0.00	28.59 0.81 0.00	29.01 0.74 0.00	27.43 0.40 0.00	33.17 0.41 0.00	38.82 0.57 0.00	41.10 0.64 -0.02	43.12 0.71 -0.02	44.33 0.76 -0.06	44.91 0.77 -0.08	46.23 0.72 -0.08	50.59 0.63 0.00	55.40 0.58 0.00	58.45 0.31 0.00	67.85 0.22 0.00	67.85 0.30 0.00	63.78 0.28 0.00	56.61 0.41 0.00	50.91 0.63 0.00
GINNA____ 23603	28.58 -2.02 0.00	26.36 -1.82 0.00	25.68 -1.81 0.00	28.48 -2.15 0.00	28.23 -2.06 0.00	27.55 -1.99 0.00	25.85 -1.94 0.00	26.32 -1.95 0.00	25.26 -1.76 0.00	30.81 -1.95 0.00	35.79 -2.45 0.00	37.89 -2.55 0.00	39.72 -2.68 0.00	40.83 -2.68 0.00	41.42 -2.64 0.00	42.94 -2.49 0.00	47.58 -2.39 0.00	52.45 -2.36 0.00	55.92 -2.22 0.00	64.98 -2.65 0.00	64.75 -2.80 0.00	60.66 -2.84 0.00	53.67 -2.53 0.00	48.18 -2.10 0.00
GLEN PARK____ 23778	32.25 1.65 0.00	29.54 1.36 0.00	28.69 1.20 0.00	31.93 1.30 0.00	31.59 1.30 0.00	30.80 1.26 0.00	28.85 1.06 0.00	29.11 0.83 0.00	27.42 0.39 0.00	32.99 0.23 0.00	38.49 0.24 0.00	40.54 0.10 0.00	42.63 0.24 0.00	43.69 0.18 0.00	44.13 0.07 0.00	45.66 0.23 0.00	51.25 1.28 0.00	56.62 1.80 0.00	61.23 3.09 0.00	73.14 5.51 0.00	73.34 5.79 0.00	69.44 5.53 -0.41	60.93 4.63 -0.10	53.92 3.64 0.00
GLENDALE_27_KV_LOAD 356172	32.85 2.25 0.00	30.33 2.15 0.00	29.64 2.15 0.00	32.72 2.09 0.00	32.26 1.97 0.00	31.39 1.85 0.00	29.47 1.68 0.00	29.98 1.71 0.00	28.68 1.66 0.00	34.69 1.93 0.00	40.85 2.61 0.00	43.53 2.96 -0.14	45.78 3.29 -0.10	47.34 3.46 -0.37	48.11 3.52 -0.53	49.35 3.40 -0.52	53.01 3.04 0.00	57.56 2.74 0.00	60.36 2.22 0.00	69.41 1.79 0.00	68.85 1.54 0.23	65.03 1.63 0.10	58.31 2.11 0.00	52.70 2.42 0.00
GLENWOOD_IC_1_G5 23712	32.55 1.95 0.00	30.20 2.02 0.00	29.47 1.98 0.00	32.60 1.98 0.00	32.10 1.81 0.00	31.20 1.67 0.00	29.29 1.49 0.00	29.68 1.40 0.00	28.26 1.35 0.12	34.53 1.77 0.00	41.03 2.79 0.00	43.73 3.13 -0.15	46.24 3.48 -0.37	47.75 3.61 -0.62	48.44 3.69 -0.68	51.04 3.47 -2.15	52.58 2.62 0.00	57.58 2.76 0.00	60.15 2.01 0.00	63.53 1.63 5.73	57.06 1.20 11.69	57.27 1.23 7.46	51.63 1.75 6.32	47.49 1.97 4.76
GLENWOOD_IC_2_G1 23688	32.48 1.88 0.00	30.10 1.92 0.00	29.39 1.90 0.00	32.53 1.90 0.00	32.04 1.75 0.00	31.16 1.62 0.00	29.24 1.45 0.00	29.65 1.37 0.00	28.34 1.31 0.00	34.40 1.65 0.00	40.77 2.53 0.00	43.42 2.83 -0.14	45.72 3.11 -0.21	47.24 3.24 -0.49	47.98 3.31 -0.61	49.04 3.06 -0.55	52.62 2.65 0.00	57.36 2.54 0.00	60.08 1.93 0.00	69.23 1.66 0.05	68.93 1.41 0.03	64.80 1.37 0.07	57.78 1.62 0.04	52.13 1.88 0.03
GLENWOOD_IC_3_G1 23689	32.48 1.88 0.00	30.10 1.92 0.00	29.39 1.90 0.00	32.53 1.90 0.00	32.04 1.75 0.00	31.16 1.62 0.00	29.24 1.45 0.00	29.65 1.37 0.00	28.34 1.31 0.00	34.40 1.65 0.00	40.77 2.53 0.00	43.42 2.83 -0.14	45.72 3.11 -0.21	47.24 3.24 -0.49	47.98 3.31 -0.61	49.04 3.06 -0.55	52.62 2.65 0.00	57.36 2.54 0.00	60.08 1.93 0.00	69.23 1.66 0.05	68.93 1.41 0.03	64.80 1.37 0.07	57.78 1.62 0.04	52.13 1.88 0.03
GLENWOOD____4 23550	32.55 1.95 0.00	30.20 2.02 0.00	29.47 1.98 0.00	32.60 1.98 0.00	32.10 1.81 0.00	31.20 1.67 0.00	29.29 1.49 0.00	29.68 1.40 0.00	28.26 1.35 0.12	34.53 1.77 0.00	41.03 2.79 0.00	43.73 3.13 -0.15	46.24 3.48 -0.37	47.75 3.61 -0.62	48.44 3.69 -0.68	51.05 3.47 -2.15	52.70 2.74 0.00	57.61 2.79 0.00	60.23 2.08 0.00	63.64 1.74 5.73	57.24 1.38 11.69	57.40 1.36 7.46	51.63 1.75 6.32	47.49 1.97 4.76
GLENWOOD____5 23614	32.55 1.95 0.00	30.20 2.02 0.00	29.47 1.98 0.00	32.60 1.98 0.00	32.10 1.81 0.00	31.20 1.67 0.00	29.29 1.49 0.00	29.68 1.40 0.00	28.26 1.35 0.12	34.53 1.77 0.00	41.03 2.79 0.00	43.73 3.13 -0.15	46.24 3.48 -0.37	47.75 3.61 -0.62	48.44 3.69 -0.68	51.05 3.47 -2.15	52.70 2.74 0.00	57.61 2.79 0.00	60.23 2.08 0.00	63.64 1.74 5.73	57.24 1.38 11.69	57.40 1.36 7.46	51.63 1.75 6.32	47.49 1.97 4.76
GLOBAL GREEN_PORT_GT1 23814	33.31 2.71 0.00	31.07 2.89 0.00	30.25 2.76 0.00	33.51 2.88 0.00	32.92 2.62 0.00	31.95 2.41 0.00	30.16 2.37 0.00	30.20 1.93 0.00	28.70 2.01 0.35	35.74 2.98 0.00	43.13 4.89 0.00	45.79 5.21 -0.14	48.02 5.57 -0.05	49.54 5.63 -0.40	50.39 5.80 -0.52	48.01 4.61 2.03	51.86 3.88 1.99	56.72 4.22 2.32	61.43 3.29 0.00	54.88 2.85 15.60	37.08 2.81 33.27	46.44 3.26 20.31	41.16 2.73 17.77	37.91 2.36 14.74
GLOBE____DSASP 323697	28.42 -2.18 0.00	26.27 -1.91 0.00	25.60 -1.89 0.00	28.28 -2.34 0.00	28.16 -2.13 0.00	27.49 -2.05 0.00	25.78 -2.01 0.00	26.31 -1.97 0.00	25.50 -1.52 0.00	31.24 -1.51 0.00	35.92 -2.32 0.00	37.92 -2.52 0.00	39.56 -2.83 0.00	40.50 -3.02 0.00	40.98 -3.09 0.00	42.44 -2.99 0.00	47.14 -2.83 0.00	51.85 -2.98 0.00	55.42 -2.72 0.00	64.49 -3.14 0.00	64.37 -3.18 0.00	60.40 -3.11 0.00	53.75 -2.45 0.00	48.62 -1.66 0.00
GOETHSLN____LBMP 323567	32.55 1.95 0.00	30.07 1.90 0.00	29.38 1.89 0.00	32.50 1.87 0.00	32.03 1.74 0.00	31.16 1.62 0.00	29.24 1.45 0.00	29.72 1.44 0.00	28.44 1.41 0.00	34.38 1.62 0.00	40.53 2.29 0.00	43.17 2.59 -0.14	45.39 2.90 -0.10	46.94 3.06 -0.37	47.69 3.10 -0.53	48.89 2.94 -0.52	52.53 2.56 0.00	57.08 2.26 0.00	59.78 1.64 0.00	68.98 1.35 0.00	68.72 1.17 0.00	64.67 1.17 0.00	57.81 1.61 0.00	52.20 1.92 0.00
GOLAH____69_KV_TB 1_2 80279	29.96 -0.64 0.00	27.63 -0.55 0.00	26.90 -0.59 0.00	29.79 -0.83 0.00	29.57 -0.72 0.00	28.84 -0.70 0.00	27.06 -0.73 0.00	27.53 -0.75 0.00	26.44 -0.58 0.00	32.24 -0.51 0.00	37.36 -0.89 0.00	39.53 -0.91 0.00	41.40 -0.99 0.00	42.54 -0.97 0.00	43.16 -0.91 0.00	44.75 -0.68 0.00	49.61 -0.36 0.00	54.74 -0.08 0.00	58.53 0.39 0.00	68.22 0.59 0.00	68.06 0.51 0.00	63.77 0.27 0.00	56.46 0.27 0.00	50.75 0.47 0.00
GOODYEAR_LAKE_HYD 323669	31.67 1.07 0.00	29.14 0.96 0.00	28.38 0.89 0.00	31.55 0.92 0.00	31.23 0.94 0.00	30.43 0.89 0.00	28.55 0.76 0.00	28.96 0.69 0.00	27.58 0.56 0.00	33.54 0.78 0.00	39.33 1.09 0.00	41.72 1.28 0.00	43.80 1.41 0.00	45.04 1.53 0.00	45.70 1.63 0.00	47.05 1.62 0.00	51.75 1.78 0.00	56.71 1.89 0.00	60.17 2.03 0.00	69.96 2.33 0.00	69.97 2.43 0.00	65.70 2.19 0.00	58.09 1.90 0.00	52.09 1.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.75 0.14 0.00	28.31 0.13 0.00	27.57 0.07 0.00	30.68 0.05 0.00	30.33 0.04 0.00	29.58 0.04 0.00	27.73 -0.07 0.00	28.16 -0.12 0.00	26.80 -0.23 0.00	32.55 -0.21 0.00	38.11 -0.13 0.00	40.41 -0.03 0.00	42.37 -0.02 0.00	43.50 -0.02 0.00	44.14 0.07 0.00	45.39 -0.04 0.00	49.97 0.00 0.00	54.88 0.06 0.00	58.27 0.12 0.00	67.87 0.25 0.00	67.79 0.24 0.00	63.79 0.08 -0.20	56.43 0.18 -0.05	50.67 0.39 0.00

GOUDEY___7 23579	30.75 0.14 0.00	28.31 0.13 0.00	27.57 0.07 0.00	30.68 0.05 0.00	30.33 0.04 0.00	29.58 0.04 0.00	27.73 -0.07 0.00	28.16 -0.12 0.00	26.80 -0.23 0.00	32.55 -0.21 0.00	38.11 -0.13 0.00	40.41 -0.03 0.00	42.37 -0.02 0.00	43.50 -0.02 0.00	44.14 0.07 0.00	45.39 -0.04 0.00	49.97 0.00 0.00	54.88 0.06 0.00	58.27 0.12 0.00	67.87 0.25 0.00	67.79 0.24 0.00	63.79 0.08 -0.20	56.43 0.18 -0.05	50.67 0.39 0.00
GOUDEY___8 23580	30.75 0.14 0.00	28.31 0.13 0.00	27.57 0.07 0.00	30.68 0.05 0.00	30.33 0.04 0.00	29.58 0.04 0.00	27.73 -0.07 0.00	28.16 -0.12 0.00	26.80 -0.23 0.00	32.55 -0.21 0.00	38.11 -0.13 0.00	40.41 -0.03 0.00	42.37 -0.02 0.00	43.50 -0.02 0.00	44.14 0.07 0.00	45.39 -0.04 0.00	49.97 0.00 0.00	54.88 0.06 0.00	58.27 0.12 0.00	67.87 0.25 0.00	67.79 0.24 0.00	63.79 0.08 -0.20	56.43 0.18 -0.05	50.67 0.39 0.00
GOWANUS_GT1_1 24077	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT1_2 24078	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT1_3 24079	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT1_4 24080	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT1_5 24084	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT1_6 24111	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00																

GOWANUS_GT2_6 24119	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT2_7 24120	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT2_8 24121	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT3_1 24122	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT3_2 24123	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT3_3 24124	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT3_4 24125	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT3_5 24126	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT3_6 24127	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT3_7 24128	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT3_8 24129	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT4_1 24130	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT4_2 24131	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT4_3 24132	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT4_4 24133	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00

GOWANUS_GT4_5 24134	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT4_6 24135	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT4_7 24136	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GOWANUS_GT4_8 24137	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GREATVRV_69_KV_BK1 356245	32.57 1.97 0.00	30.42 2.24 0.00	29.66 2.17 0.00	32.78 2.15 0.00	32.22 1.93 0.00	31.29 1.75 0.00	29.41 1.62 0.00	29.60 1.32 0.00	28.00 1.30 0.34	34.73 1.97 0.00	41.80 3.56 0.00	44.52 3.94 -0.14	46.79 4.32 -0.08	48.33 4.40 -0.42	49.12 4.52 -0.54	47.90 4.16 1.69	51.16 3.33 2.14	55.78 3.47 2.50	60.65 2.50 0.00	54.66 2.15 15.11	37.28 1.90 32.17	45.61 1.78 19.68	40.79 1.78 17.19	37.98 1.96 14.26
GREENBSH_115KV_TB3 55895	31.19 0.59 0.00	28.89 0.71 0.00	28.28 0.79 0.00	31.60 0.97 0.00	31.23 0.94 0.00	30.43 0.89 0.00	28.57 0.77 0.00	28.95 0.68 0.00	27.47 0.44 0.00	33.15 0.40 0.00	38.73 0.49 0.00	40.78 0.45 0.11	42.70 0.38 0.07	43.42 0.20 0.29	43.78 0.13 0.41	45.20 0.18 0.41	50.08 0.11 0.00	54.95 0.13 0.00	58.14 0.00 0.00	67.56 -0.06 0.00	67.40 -0.15 0.00	63.42 -0.09 0.00	56.29 0.09 0.00	50.52 0.23 0.00
GREENDGE_115KV_TB5 80291	30.57 -0.03 0.00	28.11 -0.07 0.00	27.30 -0.19 0.00	30.30 -0.33 0.00	30.03 -0.26 0.00	29.30 -0.24 0.00	27.47 -0.32 0.00	27.90 -0.38 0.00	26.57 -0.46 0.00	32.24 -0.52 0.00	37.52 -0.72 0.00	39.76 -0.68 0.00	41.68 -0.71 0.00	42.85 -0.66 0.00	43.39 -0.67 0.00	44.76 -0.67 0.00	49.56 -0.41 0.00	54.55 -0.27 0.00	58.47 0.33 0.00	68.57 0.95 0.00	68.56 1.01 0.00	64.33 0.66 -0.17	56.76 0.52 -0.04	50.90 0.61 0.00
GREENIDGE___3 23582	30.57 -0.03 0.00	28.11 -0.07 0.00	27.30 -0.19 0.00	30.30 -0.33 0.00	30.03 -0.26 0.00	29.30 -0.24 0.00	27.47 -0.32 0.00	27.90 -0.38 0.00	26.57 -0.46 0.00	32.24 -0.52 0.00	37.52 -0.72 0.00	39.76 -0.68 0.00	41.68 -0.71 0.00	42.85 -0.66 0.00	43.39 -0.67 0.00	44.76 -0.67 0.00	49.56 -0.41 0.00	54.55 -0.27 0.00	58.47 0.33 0.00	68.57 0.95 0.00	68.56 1.01 0.00	64.33 0.66 -0.17	56.76 0.52 -0.04	50.90 0.61 0.00
GREENIDGE___4 23583	30.57 -0.03 0.00	28.11 -0.07 0.00	27.29 -0.20 0.00	30.30 -0.33 0.00	30.03 -0.26 0.00	29.30 -0.24 0.00	27.47 -0.32 0.00	27.90 -0.38 0.00	26.57 -0.46 0.00	32.24 -0.52 0.00	37.52 -0.72 0.00	39.76 -0.68 0.00	41.68 -0.71 0.00	42.85 -0.66 0.00	43.39 -0.67 0.00	44.76 -0.67 0.00	49.56 -0.41 0.00	54.55 -0.27 0.00	58.47 0.33 0.00	68.58 0.95 0.00	68.57 1.02 0.00	64.33 0.66 -0.17	56.79 0.55 -0.04	50.92 0.64 0.00
GREENLWN_69_KV_BK 3 55738	31.99 1.39 0.00	29.88 1.70 0.00	29.17 1.68 0.00	32.26 1.63 0.00	31.73 1.43 0.00	30.79 1.25 0.00	28.87 1.08 0.00	29.10 0.82 0.00	27.47 0.78 0.34	34.00 1.24 0.00	40.94 2.70 0.00	43.60 3.02 -0.14	45.75 3.29 -0.07	47.14 3.22 -0.41	47.80 3.21 -0.53	46.39 2.79 1.83	46.15 1.57 5.39	49.88 1.37 6.31	58.63 0.49 0.01	52.26 -0.13 15.24	34.72 -0.37 32.47	43.33 -0.33 19.84	38.93 0.08 17.35	36.43 0.53 14.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00
GRISSOM___SOLAR 323813	32.28 1.67 0.00	29.68 1.49 0.00	28.91 1.41 0.00	32.14 1.51 0.00	31.79 1.50 0.00	30.99 1.45 0.00	28.98 1.19 0.00	28.90 0.62 0.00	27.12 0.09 0.00	32.66 -0.10 0.00	38.06 -0.18 0.00	40.17 -0.18 0.08	42.15 -0.19 0.06	43.28 -0.01 0.22	43.83 0.08 0.31	45.36 0.24 0.31	50.81 0.84 0.00	55.95 1.12 0.00	60.30 2.16 0.00	71.25 3.62 0.00	71.79 4.24 0.00	67.51 4.01 0.00	59.65 3.45 0.00	53.29 3.01 0.00
GROVEVILLE___HYD 323602	32.46 1.86 0.00	29.98 1.80 0.00	29.28 1.79 0.00	32.47 1.85 0.00	32.03 1.74 0.00	31.18 1.64 0.00	29.27 1.47 0.00	29.73 1.46 0.00	28.35 1.32 0.00	34.30 1.55 0.00	40.34 2.10 0.00	42.92 2.37 -0.11	45.13 2.66 -0.08	46.68 2.86 -0.30	47.45 2.96 -0.43	48.76 2.91 -0.42	52.84 2.88 0.00	57.74 2.92 0.00	60.67 2.53 0.00	70.20 2.57 0.00	69.93 2.38 0.00	65.71 2.21 0.00	58.46 2.27 0.00	52.59 2.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.36 -0.24 0.00	27.96 -0.22 0.00	27.24 -0.25 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.23 -0.31 0.00	27.46 -0.34 0.00	27.90 -0.38 0.00	26.57 -0.45 0.00	32.22 -0.53 0.00	37.63 -0.61 0.00	39.87 -0.57 0.00	41.85 -0.54 0.00	43.03 -0.49 0.00	43.64 -0.42 0.00	45.08 -0.35 0.00	49.75 -0.22 0.00	54.71 -0.11 0.00	58.25 0.10 0.00	67.81 0.18 0.00	67.67 0.12 0.00	64.00 -0.03 -0.53	56.29 -0.05 -0.14	50.29 0.00 0.00
HAMLTNNY_34_KV_TB 80303	30.36 -0.24 0.00	27.99 -0.19 0.00	27.26 -0.23 0.00	30.30 -0.33 0.00	30.00 -0.29 0.00	29.24 -0.30 0.00	27.46 -0.33 0.00	27.89 -0.39 0.00	26.57 -0.46 0.00	32.25 -0.51 0.00	37.62 -0.62 0.00	39.86 -0.58 0.00	41.79 -0.61 0.00	42.96 -0.56 0.00	43.60 -0.46 0.00	45.07 -0.35 0.00	49.79 -0.18 0.00	54.80 -0.02 0.00	58.44 0.30 0.00	68.07 0.44 0.00	67.91 0.36 0.00	64.21 0.20 -0.51	56.49 0.16 -0.13	50.51 0.23 0.00

HAMPSHIRE___PAPER_HYD 323593	31.43 0.82 0.00	28.76 0.58 0.00	27.97 0.48 0.00	31.17 0.55 0.00	30.90 0.61 0.00	30.16 0.62 0.00	28.38 0.59 0.00	28.76 0.49 0.00	27.42 0.39 0.00	33.27 0.51 0.00	38.72 0.48 0.00	40.87 0.43 0.00	42.77 0.37 0.00	43.83 0.32 0.00	44.28 0.21 0.00	45.64 0.21 0.00	50.72 0.75 0.00	55.85 1.03 0.00	60.00 1.86 0.00	70.65 3.03 0.00	70.85 3.30 0.00	66.94 3.27 -0.16	58.79 2.55 -0.04	52.23 1.95 0.00
HARDSCRABBLE_WT_PWR 323673	31.19 0.59 0.00	28.85 0.68 0.00	28.17 0.68 0.00	31.49 0.86 0.00	31.10 0.81 0.00	30.30 0.75 0.00	28.37 0.58 0.00	28.53 0.26 0.00	26.74 -0.28 0.00	32.11 -0.65 0.00	37.54 -0.71 0.00	39.79 -0.65 0.00	41.74 -0.65 0.00	42.93 -0.59 0.00	43.42 -0.65 0.00	44.77 -0.66 0.00	49.39 -0.58 0.00	54.51 -0.31 0.00	58.13 -0.01 0.00	68.08 0.46 0.00	68.25 0.70 0.00	63.98 0.48 0.00	56.68 0.49 0.00	50.83 0.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.38 1.78 0.00	29.92 1.74 0.00	29.22 1.73 0.00	32.39 1.76 0.00	31.94 1.65 0.00	31.09 1.55 0.00	29.16 1.37 0.00	29.62 1.35 0.00	28.28 1.25 0.00	34.23 1.48 0.00	40.29 2.04 -0.12	42.90 2.34 -0.08	45.12 2.64 -0.33	46.71 2.88 -0.46	47.50 2.98 -0.46	48.75 2.86 0.00	52.66 2.69 0.00	57.45 2.63 0.00	60.34 2.20 0.00	69.76 2.14 0.00	69.51 1.96 0.00	65.34 1.84 0.00	58.18 1.98 0.00	52.36 2.08 0.00
HARSNRAD_115KV_TB1 81005	28.87 -1.74 0.00	26.69 -1.49 0.00	26.00 -1.49 0.00	28.72 -1.91 0.00	28.58 -1.71 0.00	27.88 -1.66 0.00	26.15 -1.65 0.00	26.67 -1.61 0.00	25.85 -1.18 0.00	31.60 -1.16 0.00	36.37 -1.87 0.00	38.41 -2.03 0.00	40.10 -2.29 0.00	41.09 -2.42 0.00	41.64 -2.43 0.00	43.12 -2.31 0.00	47.90 -2.06 0.00	52.73 -2.09 0.00	56.49 -1.65 0.00	65.78 -1.84 0.00	65.68 -1.87 0.00	61.62 -1.89 0.00	54.78 -1.42 0.00	49.60 -0.68 0.00
HARZA MOOSE___RIVER 24016	31.64 1.04 0.00	29.05 0.88 0.00	28.29 0.80 0.00	31.49 0.86 0.00	31.15 0.86 0.00	30.38 0.84 0.00	28.54 0.75 0.00	28.89 0.61 0.00	27.41 0.38 0.00	33.14 0.38 0.00	38.65 0.40 0.00	40.83 0.39 0.00	42.83 0.44 0.00	43.97 0.46 0.00	44.45 0.39 0.00	45.86 0.43 0.00	50.89 0.93 0.00	56.18 1.36 0.00	60.25 2.11 0.00	70.81 3.18 0.00	70.91 3.36 0.00	66.83 3.19 -0.14	58.87 2.63 -0.04	52.44 2.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.09 -0.51 0.00	27.72 -0.46 0.00	27.02 -0.47 0.00	30.05 -0.57 0.00	29.74 -0.55 0.00	28.99 -0.55 0.00	27.22 -0.57 0.00	27.66 -0.62 0.00	26.37 -0.66 0.00	32.00 -0.76 0.00	37.39 -0.86 0.00	39.59 -0.85 0.00	41.56 -0.83 0.00	42.73 -0.79 0.00	43.32 -0.74 0.00	44.73 -0.70 0.00	49.35 -0.62 0.00	54.24 -0.58 0.00	57.70 -0.44 0.00	67.13 -0.49 0.00	67.01 -0.54 0.00	63.13 -0.66 -0.29	55.67 -0.60 -0.07	49.82 -0.46 0.00
HELLGATE_13_KV_LD 55870	32.92 2.32 0.00	30.39 2.22 0.00	29.70 2.21 0.00	32.77 2.14 0.00	32.31 2.02 0.00	31.45 1.91 0.00	29.54 1.75 0.00	30.05 1.77 0.00	28.75 1.73 0.00	34.76 2.00 0.00	40.94 2.70 0.00	43.64 3.07 -0.14	45.88 3.40 -0.10	47.44 3.56 -0.37	48.22 3.63 -0.53	49.46 3.51 -0.52	53.12 3.15 0.00	57.68 2.86 0.00	60.49 2.35 0.00	69.55 1.92 0.00	69.09 1.70 0.15	65.19 1.76 0.06	58.40 2.21 0.00	52.81 2.53 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.92 2.32 0.00	30.39 2.22 0.00	29.70 2.21 0.00	32.77 2.14 0.00	32.31 2.02 0.00	31.45 1.91 0.00	29.54 1.75 0.00	30.05 1.77 0.00	28.75 1.73 0.00	34.76 2.00 0.00	40.94 2.70 0.00	43.64 3.07 -0.14	45.88 3.40 -0.10	47.44 3.56 -0.37	48.22 3.63 -0.53	49.46 3.51 -0.52	53.12 3.15 0.00	57.68 2.86 0.00	60.49 2.35 0.00	69.55 1.92 0.00	69.09 1.70 0.15	65.19 1.76 0.06	58.40 2.21 0.00	52.81 2.53 0.00
HEMPSTEAD___ 23647	32.30 1.70 0.00	30.03 1.85 0.00	29.30 1.81 0.00	32.39 1.76 0.00	31.88 1.58 0.00	30.97 1.43 0.00	29.07 1.27 0.00	29.40 1.12 0.00	27.93 1.09 0.19	34.29 1.53 0.00	40.89 2.65 0.00	43.57 2.97 -0.16	46.04 3.24 -0.41	47.50 3.32 -0.66	48.18 3.42 -0.70	50.91 3.02 -2.46	52.35 2.39 0.00	57.12 2.30 0.00	59.67 1.53 0.00	59.87 1.05 8.81	50.12 0.75 18.18	52.82 0.79 11.47	47.56 1.12 9.76	44.49 1.42 7.20
HICKLING___1 23621	30.61 0.01 0.00	28.14 -0.04 0.00	27.28 -0.21 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.27 -0.27 0.00	27.40 -0.39 0.00	27.81 -0.47 0.00	26.49 -0.54 0.00	32.27 -0.49 0.00	37.75 -0.49 0.00	40.14 -0.30 0.00	42.07 -0.32 0.00	43.16 -0.35 0.00	43.85 -0.21 0.00	45.02 -0.41 0.00	49.69 -0.28 0.00	54.64 -0.18 0.00	58.26 0.11 0.00	68.15 0.52 0.00	68.14 0.60 0.00	64.02 0.35 -0.17	56.65 0.41 -0.04	50.96 0.68 0.00
HICKLING___2 23622	30.61 0.01 0.00	28.14 -0.04 0.00	27.28 -0.21 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.27 -0.27 0.00	27.40 -0.39 0.00	27.81 -0.47 0.00	26.49 -0.54 0.00	32.27 -0.49 0.00	37.75 -0.49 0.00	40.14 -0.30 0.00	42.07 -0.32 0.00	43.16 -0.35 0.00	43.85 -0.21 0.00	45.02 -0.41 0.00	49.69 -0.28 0.00	54.64 -0.18 0.00	58.26 0.11 0.00	68.15 0.52 0.00	68.14 0.60 0.00	64.02 0.35 -0.17	56.65 0.41 -0.04	50.96 0.68 0.00
HIGH FALLS___HY 23754	32.44 1.83 0.00	29.86 1.68 0.00	29.13 1.64 0.00	32.26 1.63 0.00	31.80 1.51 0.00	30.97 1.43 0.00	29.06 1.27 0.00	29.54 1.27 0.00	28.19 1.16 0.00	34.08 1.32 0.00	40.02 1.78 0.00	42.53 2.02 -0.07	44.77 2.32 -0.05	46.45 2.74 -0.20	47.13 2.79 -0.29	48.69 2.98 -0.28	53.02 3.06 0.00	57.88 3.06 0.00	60.70 2.55 0.00	70.15 2.52 0.00	69.92 2.37 0.00	65.68 2.18 0.00	58.45 2.25 0.00	52.59 2.30 0.00
HIGH_RIVER___SOLAR 323847	31.77 1.17 0.00	29.28 1.10 0.00	28.56 1.07 0.00	31.80 1.18 0.00	31.45 1.15 0.00	30.66 1.12 0.00	28.74 0.96 0.00	28.96 0.68 0.00	27.26 0.23 0.00	32.75 -0.01 0.00	38.18 -0.06 0.00	40.31 -0.05 0.09	42.30 -0.03 0.06	43.33 0.06 0.24	43.86 0.14 0.34	45.55 0.45 0.34	50.49 0.52 0.00	55.61 0.79 0.00	59.50 1.36 0.00	69.80 2.18 0.00	70.04 2.49 0.00	65.84 2.34 0.00	58.27 2.08 0.00	52.18 1.90 0.00
HILLBURN___GT 23639	32.35 1.75 0.00	29.91 1.73 0.00	29.24 1.74 0.00	32.38 1.76 0.00	31.92 1.63 0.00	31.06 1.52 0.00	29.14 1.35 0.00	29.60 1.32 0.00	28.28 1.25 0.00	34.22 1.46 0.00	40.30 2.05 0.00	42.92 2.36 -0.12	45.11 2.63 -0.09	46.68 2.83 -0.34	47.44 2.90 -0.48	48.65 2.75 -0.47	52.44 2.47 0.00	57.13 2.31 0.00	59.93 1.79 0.00	69.25 1.63 0.00	69.00 1.45 0.00	64.86 1.36 0.00	57.85 1.65 0.00	52.11 1.83 0.00
HILLSIDE_115KV_TB1 80332	30.31 -0.30 0.00	27.86 -0.32 0.00	27.04 -0.45 0.00	30.10 -0.53 0.00	29.76 -0.53 0.00	29.03 -0.51 0.00	27.18 -0.61 0.00	27.59 -0.69 0.00	26.27 -0.76 0.00	31.96 -0.80 0.00	37.45 -0.79 0.00	39.81 -0.62 0.00	41.72 -0.68 0.00	42.79 -0.72 0.00	43.45 -0.61 0.00	44.56 -0.87 0.00	49.10 -0.87 0.00	53.93 -0.89 0.00	57.32 -0.83 0.00	66.93 -0.70 0.00	66.84 -0.71 0.00	62.84 -0.84 -0.17	55.67 -0.57 -0.05	50.11 -0.17 0.00

HISHELDN_WT_PWR 323625	29.46 -1.15 0.00	27.14 -1.04 0.00	26.35 -1.14 0.00	29.14 -1.49 0.00	28.96 -1.33 0.00	28.30 -1.24 0.00	26.52 -1.27 0.00	26.97 -1.30 0.00	25.95 -1.08 0.00	31.73 -1.03 0.00	36.74 -1.50 0.00	38.87 -1.57 0.00	40.63 -1.77 0.00	41.65 -1.87 0.00	42.20 -1.86 0.00	43.56 -1.87 0.00	48.29 -1.68 0.00	53.11 -1.71 0.00	56.88 -1.26 0.00	66.58 -1.05 0.00	66.66 -0.89 0.00	62.47 -1.04 0.00	55.50 -0.69 0.00	50.11 -0.17 0.00
HOLTSVILLE_IC_1 23690	31.98 1.38 0.00	29.92 1.74 0.00	29.20 1.71 0.00	32.32 1.69 0.00	31.77 1.48 0.00	30.86 1.33 0.00	29.03 1.24 0.00	29.13 0.85 0.00	27.51 0.83 0.35	34.12 1.36 0.00	41.07 2.83 0.00	43.69 3.11 -0.14	45.76 3.31 -0.05	47.23 3.32 -0.40	48.00 3.41 -0.52	46.23 2.85 2.05	50.21 2.09 1.85	54.64 1.99 2.17	59.15 1.01 0.00	52.43 0.43 15.63	34.49 0.28 33.34	43.39 0.24 20.35	38.85 0.45 17.80	36.25 0.73 14.76
HOLTSVILLE_IC_10 23699	32.12 1.52 0.00	30.04 1.86 0.00	29.31 1.82 0.00	32.43 1.81 0.00	31.88 1.58 0.00	30.96 1.42 0.00	29.13 1.34 0.00	29.22 0.95 0.00	27.62 0.94 0.34	34.27 1.52 0.00	41.31 3.06 0.00	43.96 3.38 -0.14	46.08 3.63 -0.06	47.59 3.68 -0.40	48.38 3.79 -0.53	46.71 3.25 1.96	50.11 2.55 2.41	54.48 2.48 2.82	59.64 1.50 0.00	53.12 0.99 15.50	35.35 0.85 33.06	44.06 0.75 20.19	39.40 0.86 17.66	36.69 1.05 14.64
HOLTSVILLE_IC_2 23691	31.98 1.38 0.00	29.92 1.74 0.00	29.20 1.71 0.00	32.32 1.69 0.00	31.77 1.48 0.00	30.86 1.33 0.00	29.03 1.24 0.00	29.13 0.85 0.00	27.51 0.83 0.35	34.12 1.36 0.00	41.07 2.83 0.00	43.69 3.11 -0.14	45.76 3.31 -0.05	47.23 3.32 -0.40	48.00 3.41 -0.52	46.23 2.85 2.05	50.21 2.09 1.85	54.64 1.99 2.17	59.15 1.01 0.00	52.43 0.43 15.63	34.49 0.28 33.34	43.39 0.24 20.35	38.85 0.45 17.80	36.25 0.73 14.76
HOLTSVILLE_IC_3 23692	31.98 1.38 0.00	29.92 1.74 0.00	29.20 1.71 0.00	32.32 1.69 0.00	31.77 1.48 0.00	30.86 1.33 0.00	29.03 1.24 0.00	29.13 0.85 0.00	27.51 0.83 0.35	34.12 1.36 0.00	41.07 2.83 0.00	43.69 3.11 -0.14	45.76 3.31 -0.05	47.23 3.32 -0.40	48.00 3.41 -0.52	46.23 2.85 2.05	50.21 2.09 1.85	54.64 1.99 2.17	59.15 1.01 0.00	52.43 0.43 15.63	34.49 0.28 33.34	43.39 0.24 20.35	38.85 0.45 17.80	36.25 0.73 14.76
HOLTSVILLE_IC_4 23693	31.98 1.38 0.00	29.92 1.74 0.00	29.20 1.71 0.00	32.32 1.69 0.00	31.77 1.48 0.00	30.86 1.33 0.00	29.03 1.24 0.00	29.13 0.85 0.00	27.51 0.83 0.35	34.12 1.36 0.00	41.07 2.83 0.00	43.69 3.11 -0.14	45.76 3.31 -0.05	47.23 3.32 -0.40	48.00 3.41 -0.52	46.23 2.85 2.05	50.21 2.09 1.85	54.64 1.99 2.17	59.15 1.01 0.00	52.43 0.43 15.63	34.49 0.28 33.34	43.39 0.24 20.35	38.85 0.45 17.80	36.25 0.73 14.76
HOLTSVILLE_IC_5 23694	31.98 1.38 0.00	29.92 1.74 0.00	29.20 1.71 0.00	32.32 1.69 0.00	31.77 1.48 0.00	30.86 1.33 0.00	29.03 1.24 0.00	29.13 0.85 0.00	27.51 0.83 0.35	34.12 1.36 0.00	41.07 2.83 0.00	43.69 3.11 -0.14	45.76 3.31 -0.05	47.23 3.32 -0.40	48.00 3.41 -0.52	46.23 2.85 2.05	50.21 2.09 1.85	54.64 1.99 2.17	59.15 1.01 0.00	52.43 0.43 15.63	34.49 0.28 33.34	43.39 0.24 20.35	38.85 0.45 17.80	36.25 0.73 14.76
HOLTSVILLE_IC_6 23695	32.12 1.52 0.00	30.04 1.86 0.00	29.31 1.82 0.00	32.43 1.81 0.00	31.88 1.58 0.00	30.96 1.42 0.00	29.13 1.34 0.00	29.22 0.95 0.00	27.62 0.94 0.34	34.27 1.52 0.00	41.31 3.06 0.00	43.96 3.38 -0.14	46.08 3.63 -0.06	47.59 3.68 -0.40	48.38 3.79 -0.53	46.71 3.25 1.96	50.11 2.55 2.41	54.48 2.48 2.82	59.64 1.50 0.00	53.12 0.99 15.50	35.35 0.85 33.06	44.06 0.75 20.19	39.40 0.86 17.66	36.69 1.05 14.64
HOLTSVILLE_IC_7 23696	32.12 1.52 0.00	30.04 1.86 0.00	29.31 1.82 0.00	32.43 1.81 0.00	31.88 1.58 0.00	30.96 1.42 0.00	29.13 1.34 0.00	29.22 0.95 0.00	27.62 0.94 0.34	34.27 1.52 0.00	41.31 3.06 0.00	43.96 3.38 -0.14	46.08 3.63 -0.06	47.59 3.68 -0.40	48.38 3.79 -0.53	46.71 3.25 1.96	50.11 2.55 2.41	54.48 2.48 2.82	59.64 1.50 0.00	53.12 0.99 15.50	35.35 0.85 33.06	44.06 0.75 20.19	39.40 0.86 17.66	36.69 1.05 14.64
HOLTSVILLE_IC_8 23697	32.12 1.52 0.00	30.04 1.86 0.00	29.31 1.82 0.00	32.43 1.81 0.00	31.88 1.58 0.00	30.96 1.42 0.00	29.13 1.34 0.00	29.22 0.95 0.00	27.62 0.94 0.34	34.27 1.52 0.00	41.31 3.06 0.00	43.96 3.38 -0.14	46.08 3.63 -0.06	47.59 3.68 -0.40	48.38 3.79 -0.53	46.71 3.25 1.96	50.11 2.55 2.41	54.48 2.48 2.82	59.64 1.50 0.00	53.12 0.99 15.50	35.35 0.85 33.06	44.06 0.75 20.19	39.40 0.86 17.66	36.69 1.05 14.64
HOLTSVILLE_IC_9 23698	32.12 1.52 0.00	30.04 1.86 0.00	29.31 1.82 0.00	32.43 1.81 0.00	31.88 1.58 0.00	30.96 1.42 0.00	29.13 1.34 0.00	29.22 0.95 0.00	27.62 0.94 0.34	34.27 1.52 0.00	41.31 3.06 0.00	43.96 3.38 -0.14	46.08 3.63 -0.06	47.59 3.68 -0.40	48.38 3.79 -0.53	46.71 3.25 1.96	50.11 2.55 2.41	54.48 2.48 2.82	59.64 1.50 0.00	53.12 0.99 15.50	35.35 0.85 33.06	44.06 0.75 20.19	39.40 0.86 17.66	36.69 1.05 14.64
HOMER_HL_115KV_TB2 355744	30.08 -0.52 0.00	27.76 -0.42 0.00	27.10 -0.39 0.00	29.97 -0.66 0.00	29.64 -0.66 0.00	28.95 -0.59 0.00	27.11 -0.68 0.00	27.58 -0.69 0.00	26.51 -0.52 0.00	32.39 -0.37 0.00	37.81 -0.43 0.00	39.97 -0.47 0.00	41.58 -0.82 0.00	42.64 -0.87 0.00	43.27 -0.79 0.00	44.38 -1.05 0.00	48.93 -1.04 0.00	53.66 -1.16 0.00	57.15 -0.99 0.00	66.63 -0.99 0.00	66.53 -1.02 0.00	62.46 -1.05 0.00	55.63 -0.57 0.00	50.26 -0.02 0.00
HOWARD_WT_PWR 323690	30.51 -0.09 0.00	28.00 -0.18 0.00	27.00 -0.49 0.00	29.86 -0.77 0.00	29.79 -0.50 0.00	29.18 -0.36 0.00	27.22 -0.57 0.00	27.53 -0.74 0.00	26.35 -0.68 0.00	32.17 -0.58 0.00	37.40 -0.85 0.00	39.61 -0.84 0.00	41.52 -0.88 0.00	42.52 -0.99 0.00	43.19 -0.88 0.00	44.37 -1.06 0.00	49.17 -0.80 0.00	54.15 -0.67 0.00	58.14 -0.01 0.00	68.56 0.94 0.00	68.92 1.37 0.00	64.68 1.06 -0.12	57.20 0.97 -0.03	51.44 1.16 0.00
HQ_GEN_CEDARS 23644	30.90 0.30 0.00	28.26 0.08 0.00	27.52 0.03 0.00	30.69 0.06 0.00	30.42 0.13 0.00	29.73 0.19 0.00	28.04 0.25 0.00	28.57 0.29 0.00	27.51 0.48 0.00	33.57 0.81 0.00	39.05 0.80 0.00	41.23 0.79 0.00	43.07 0.67 0.00	44.12 0.61 0.00	44.63 0.57 0.00	45.99 0.56 0.00	50.78 0.81 0.00	55.59 0.77 0.00	59.22 1.07 0.00	69.10 1.48 0.00	69.24 1.69 0.00	65.29 1.79 0.00	57.40 1.20 0.00	51.10 0.82 0.00
HQ_GEN_CEDARS_PROXY 323590	30.90 0.30 0.00	28.26 0.09 0.00	27.52 0.03 0.00	30.69 0.06 0.00	30.42 0.13 0.00	29.74 0.19 0.00	28.05 0.25 0.00	28.57 0.29 0.00	27.51 0.48 0.00	33.57 0.81 0.00	39.04 0.80 0.00	41.23 0.79 0.00	43.07 0.67 0.00	44.12 0.61 0.00	44.63 0.57 0.00	45.96 0.56 0.04	50.78 0.81 0.00	55.59 0.77 0.00	59.22 1.07 0.00	69.10 1.47 0.00	69.24 1.69 0.00	67.58 1.78 -2.30	58.15 1.20 -0.75	51.10 0.82 0.00

HQ_GEN_IMPORT 323601	30.53 -0.07 0.00	28.01 -0.17 0.00	27.30 -0.19 0.00	30.43 -0.20 0.00	30.11 -0.18 0.00	29.39 -0.15 0.00	27.74 -0.06 0.00	28.31 0.03 0.00	27.23 0.20 0.00	33.08 0.32 0.00	38.55 0.31 0.00	40.73 0.28 0.00	42.62 0.23 0.00	43.70 0.19 0.00	44.23 0.16 0.00	45.61 0.18 0.00	50.23 0.27 0.00	55.08 0.26 0.00	58.49 0.35 0.00	68.08 0.46 0.00	68.07 0.52 0.00	64.05 0.55 0.00	56.50 0.32 0.02	49.32 0.05 1.02
HQ_GEN_WHEEL 23651	30.53 -0.07 0.00	28.01 -0.17 0.00	27.30 -0.19 0.00	30.43 -0.20 0.00	30.11 -0.18 0.00	29.39 -0.15 0.00	27.74 -0.06 0.00	28.31 0.03 0.00	27.23 0.20 0.00	33.08 0.32 0.00	38.55 0.31 0.00	40.73 0.28 0.00	42.62 0.23 0.00	43.70 0.19 0.00	44.23 0.16 0.00	45.61 0.18 0.00	50.23 0.27 0.00	55.08 0.26 0.00	58.49 0.35 0.00	68.08 0.46 0.00	68.07 0.52 0.00	64.05 0.55 0.00	56.50 0.32 0.02	49.32 0.05 1.02
HUDSON AVE_GT_3 23810	32.74 2.14 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.68 2.06 0.00	32.22 1.92 0.00	31.34 1.80 0.00	29.42 1.62 0.00	29.90 1.62 0.00	28.59 1.56 0.00	34.60 1.85 0.00	40.80 2.56 0.00	43.45 2.88 -0.14	45.68 3.19 -0.10	47.23 3.35 -0.37	47.98 3.39 -0.53	49.18 3.23 -0.52	52.89 2.92 0.00	57.53 2.71 0.00	60.30 2.16 0.00	69.58 1.95 0.00	69.30 1.75 0.00	65.22 1.72 0.00	58.23 2.04 0.00	52.60 2.32 0.00
HUDSON AVE_GT_4 23540	32.74 2.14 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.68 2.06 0.00	32.22 1.92 0.00	31.34 1.80 0.00	29.42 1.62 0.00	29.90 1.62 0.00	28.59 1.56 0.00	34.60 1.85 0.00	40.80 2.56 0.00	43.45 2.88 -0.14	45.68 3.19 -0.10	47.23 3.35 -0.37	47.98 3.39 -0.53	49.18 3.23 -0.52	52.89 2.92 0.00	57.53 2.71 0.00	60.30 2.16 0.00	69.58 1.95 0.00	69.30 1.75 0.00	65.22 1.72 0.00	58.23 2.04 0.00	52.60 2.32 0.00
HUDSON AVE_GT_5 23657	32.74 2.14 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.68 2.06 0.00	32.22 1.92 0.00	31.34 1.80 0.00	29.42 1.62 0.00	29.90 1.62 0.00	28.59 1.56 0.00	34.60 1.85 0.00	40.80 2.56 0.00	43.45 2.88 -0.14	45.68 3.19 -0.10	47.23 3.35 -0.37	47.98 3.39 -0.53	49.18 3.23 -0.52	52.89 2.92 0.00	57.53 2.71 0.00	60.30 2.16 0.00	69.58 1.95 0.00	69.30 1.75 0.00	65.22 1.72 0.00	58.23 2.04 0.00	52.60 2.32 0.00
HUDSON_AVE_10 24168	32.67 2.07 0.00	30.18 2.00 0.00	29.47 1.98 0.00	32.60 1.97 0.00	32.15 1.86 0.00	31.28 1.74 0.00	29.34 1.55 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.50 1.74 0.00	40.66 2.42 0.00	43.30 2.73 -0.14	45.54 3.05 -0.10	47.09 3.21 -0.37	47.83 3.24 -0.53	49.04 3.09 -0.52	52.71 2.74 0.00	57.34 2.52 0.00	60.09 1.95 0.00	69.33 1.70 0.00	69.08 1.53 0.00	65.03 1.53 0.00	58.13 1.94 0.00	52.46 2.18 0.00
HUDSON___115KV_TB 4 355613	31.66 1.06 0.00	29.33 1.16 0.00	28.71 1.22 0.00	32.08 1.45 0.00	31.72 1.42 0.00	30.93 1.39 0.00	29.01 1.22 0.00	29.36 1.08 0.00	27.75 0.73 0.00	33.45 0.69 0.00	39.05 0.80 0.00	41.15 0.79 0.07	43.03 0.69 0.05	43.84 0.53 0.20	44.28 0.50 0.28	45.82 0.67 0.28	50.67 0.70 0.00	55.64 0.82 0.00	59.25 1.10 0.00	69.19 1.56 0.00	69.21 1.66 0.00	65.11 1.61 0.00	57.68 1.48 0.00	51.65 1.37 0.00
HUNTER MOUNT___DRP 323613	31.67 1.07 0.00	29.37 1.19 0.00	28.76 1.27 0.00	32.15 1.53 0.00	31.80 1.51 0.00	31.01 1.47 0.00	29.09 1.31 0.00	29.47 1.20 0.00	27.88 0.85 0.00	33.56 0.80 0.00	39.14 0.90 0.00	41.31 0.91 0.05	43.19 0.83 0.03	44.13 0.75 0.12	44.60 0.71 0.18	46.23 0.97 0.17	51.03 1.07 0.00	56.16 1.34 0.00	59.86 1.72 0.00	69.86 2.23 0.00	69.86 2.31 0.00	65.67 2.17 0.00	58.12 1.92 0.00	52.00 1.72 0.00
HUNTINGTON_RES_REC 323705	32.05 1.45 0.00	29.94 1.76 0.00	29.22 1.73 0.00	32.32 1.69 0.00	31.77 1.48 0.00	30.84 1.31 0.00	28.96 1.17 0.00	29.13 0.85 0.00	27.51 0.83 0.34	34.11 1.36 0.00	41.15 2.90 0.00	43.83 3.25 -0.14	45.95 3.50 -0.06	47.39 3.48 -0.40	48.12 3.53 -0.53	46.45 2.98 1.96	45.10 2.12 6.99	48.59 1.95 8.18	59.13 1.00 0.01	52.58 0.41 15.45	34.86 0.27 32.95	43.58 0.20 20.13	39.03 0.44 17.60	36.42 0.74 14.60
HUNTLEY___63 23557	29.10 -1.50 0.00	26.86 -1.32 0.00	26.15 -1.34 0.00	28.89 -1.74 0.00	28.74 -1.55 0.00	28.05 -1.49 0.00	26.31 -1.48 0.00	26.84 -1.44 0.00	26.00 -1.03 0.00	31.83 -0.93 0.00	36.69 -1.56 0.00	38.79 -1.65 0.00	40.51 -1.89 0.00	41.53 -1.98 0.00	42.09 -1.97 0.00	43.59 -1.84 0.00	48.45 -1.52 0.00	53.34 -1.49 0.00	57.05 -1.10 0.00	66.41 -1.22 0.00	66.26 -1.29 0.00	62.14 -1.37 0.00	55.23 -0.97 0.00	49.89 -0.39 0.00
HUNTLEY___64 23558	29.10 -1.50 0.00	26.86 -1.32 0.00	26.15 -1.34 0.00	28.89 -1.74 0.00	28.74 -1.55 0.00	28.05 -1.49 0.00	26.31 -1.48 0.00	26.84 -1.44 0.00	26.00 -1.03 0.00	31.83 -0.93 0.00	36.69 -1.56 0.00	38.79 -1.65 0.00	40.51 -1.89 0.00	41.53 -1.98 0.00	42.09 -1.97 0.00	43.59 -1.84 0.00	48.45 -1.52 0.00	53.34 -1.49 0.00	57.05 -1.10 0.00	66.41 -1.22 0.00	66.26 -1.29 0.00	62.14 -1.37 0.00	55.23 -0.97 0.00	49.89 -0.39 0.00
HUNTLEY___65 23559	29.10 -1.50 0.00	26.86 -1.32 0.00	26.15 -1.34 0.00	28.89 -1.74 0.00	28.74 -1.55 0.00	28.05 -1.49 0.00	26.31 -1.48 0.00	26.84 -1.44 0.00	26.00 -1.03 0.00	31.83 -0.93 0.00	36.69 -1.56 0.00	38.79 -1.65 0.00	40.51 -1.89 0.00	41.53 -1.98 0.00	42.09 -1.97 0.00	43.59 -1.84 0.00	48.45 -1.52 0.00	53.34 -1.49 0.00	57.05 -1.10 0.00	66.41 -1.22 0.00	66.26 -1.29 0.00	62.14 -1.37 0.00	55.23 -0.97 0.00	49.89 -0.39 0.00
HUNTLEY___66 23560	29.10 -1.50 0.00	26.86 -1.32 0.00	26.15 -1.34 0.00	28.89 -1.74 0.00	28.74 -1.55 0.00	28.05 -1.49 0.00	26.31 -1.48 0.00	26.84 -1.44 0.00	26.00 -1.03 0.00	31.83 -0.93 0.00	36.69 -1.56 0.00	38.79 -1.65 0.00	40.51 -1.89 0.00	41.53 -1.98 0.00	42.09 -1.97 0.00	43.59 -1.84 0.00	48.45 -1.52 0.00	53.34 -1.49 0.00	57.05 -1.10 0.00	66.41 -1.22 0.00	66.26 -1.29 0.00	62.14 -1.37 0.00	55.23 -0.97 0.00	49.89 -0.39 0.00
HUNTLEY___67 23561	29.04 -1.57 0.00	26.82 -1.36 0.00	26.12 -1.37 0.00	28.87 -1.76 0.00	28.70 -1.59 0.00	28.00 -1.54 0.00	26.26 -1.53 0.00	26.78 -1.49 0.00	25.92 -1.11 0.00	31.76 -1.00 0.00	36.64 -1.60 0.00	38.72 -1.72 0.00	40.42 -1.97 0.00	41.41 -2.10 0.00	41.94 -2.12 0.00	43.40 -2.03 0.00	48.17 -1.79 0.00	52.98 -1.84 0.00	56.63 -1.52 0.00	65.93 -1.70 0.00	65.82 -1.73 0.00	61.74 -1.76 0.00	54.86 -1.34 0.00	49.57 -0.71 0.00
HUNTLEY___68 23562	29.04 -1.57 0.00	26.82 -1.36 0.00	26.12 -1.37 0.00	28.87 -1.76 0.00	28.70 -1.59 0.00	28.00 -1.54 0.00	26.26 -1.53 0.00	26.78 -1.49 0.00	25.92 -1.11 0.00	31.76 -1.00 0.00	36.64 -1.60 0.00	38.72 -1.72 0.00	40.42 -1.97 0.00	41.41 -2.10 0.00	41.94 -2.12 0.00	43.40 -2.03 0.00	48.17 -1.79 0.00	52.98 -1.84 0.00	56.63 -1.52 0.00	65.93 -1.70 0.00	65.82 -1.73 0.00	61.74 -1.76 0.00	54.86 -1.34 0.00	49.57 -0.71 0.00



HYLAND___LFGE 323620	31.45 0.85 0.00	28.89 0.72 0.00	28.00 0.51 0.00	30.98 0.35 0.00	30.75 0.45 0.00	30.04 0.50 0.00	28.13 0.34 0.00	28.31 0.03 0.00	26.65 -0.38 0.00	32.52 -0.23 0.00	37.78 -0.46 0.00	40.05 -0.39 0.00	41.96 -0.44 0.00	42.99 -0.52 0.00	43.40 -0.66 0.00	44.19 -1.24 0.00	48.64 -1.33 0.00	53.64 -1.18 0.00	57.50 -0.65 0.00	68.52 0.90 0.00	70.01 2.46 0.00	65.75 2.25 0.00	58.11 1.91 0.00	53.30 3.02 0.00
INDECK___CORINTH 23802	31.82 1.22 0.00	29.47 1.29 0.00	28.81 1.31 0.00	32.18 1.55 0.00	31.70 1.41 0.00	30.93 1.39 0.00	29.04 1.24 0.00	29.35 1.07 0.00	27.70 0.67 0.00	33.32 0.56 0.00	38.62 0.37 0.00	40.74 0.41 0.12	42.66 0.35 0.08	43.71 0.52 0.32	44.07 0.46 0.45	45.69 0.71 0.45	50.95 0.98 0.00	56.66 1.84 0.00	60.72 2.58 0.00	70.86 3.23 0.00	70.83 3.28 0.00	66.45 2.95 0.00	58.80 2.61 0.00	52.44 2.16 0.00
INDECK___ILION 23567	31.00 0.40 0.00	28.62 0.44 0.00	27.94 0.45 0.00	31.18 0.56 0.00	30.81 0.52 0.00	30.03 0.49 0.00	28.17 0.38 0.00	28.46 0.19 0.00	26.90 -0.13 0.00	32.43 -0.32 0.00	37.90 -0.34 0.00	40.13 -0.32 0.00	42.10 -0.30 0.00	43.26 -0.26 0.00	43.79 -0.28 0.00	45.15 -0.28 0.00	49.74 -0.23 0.00	54.75 -0.07 0.00	58.22 0.07 0.00	67.96 0.34 0.00	67.99 0.44 0.00	63.84 0.34 0.00	56.55 0.36 0.00	50.67 0.39 0.00
INDECK___OLEAN 23982	30.08 -0.52 0.00	27.76 -0.42 0.00	27.10 -0.39 0.00	29.97 -0.66 0.00	29.64 -0.65 0.00	28.95 -0.59 0.00	27.11 -0.69 0.00	27.60 -0.68 0.00	26.51 -0.52 0.00	32.39 -0.37 0.00	37.81 -0.43 0.00	39.97 -0.47 0.00	41.57 -0.82 0.00	42.64 -0.87 0.00	43.28 -0.78 0.00	44.37 -1.05 0.00	48.93 -1.04 0.00	53.66 -1.16 0.00	57.16 -0.99 0.00	66.65 -0.98 0.00	66.53 -1.02 0.00	62.42 -1.08 0.00	55.64 -0.56 0.00	50.28 0.00 0.00
INDECK___OSWEGO 23783	29.86 -0.74 0.00	27.51 -0.67 0.00	26.82 -0.67 0.00	29.85 -0.78 0.00	29.54 -0.76 0.00	28.78 -0.76 0.00	27.04 -0.76 0.00	27.46 -0.82 0.00	26.16 -0.87 0.00	31.71 -1.05 0.00	37.05 -1.20 0.00	39.19 -1.25 0.00	41.13 -1.26 0.00	42.24 -1.27 0.00	42.80 -1.26 0.00	44.17 -1.26 0.00	48.73 -1.24 0.00	53.56 -1.26 0.00	57.02 -1.12 0.00	66.45 -1.15 0.00	66.35 -1.22 -0.01	63.53 -1.21 -1.24	55.45 -1.07 -0.32	49.37 -0.91 0.00
INDECK___YERKES 23781	29.12 -1.48 0.00	26.89 -1.29 0.00	26.17 -1.32 0.00	28.91 -1.71 0.00	28.77 -1.52 0.00	28.07 -1.47 0.00	26.31 -1.48 0.00	26.87 -1.41 0.00	26.01 -1.02 0.00	31.86 -0.90 0.00	36.73 -1.52 0.00	38.82 -1.63 0.00	40.54 -1.85 0.00	41.55 -1.96 0.00	42.13 -1.94 0.00	43.61 -1.81 0.00	48.49 -1.48 0.00	53.37 -1.45 0.00	57.09 -1.05 0.00	66.48 -1.15 0.00	66.33 -1.22 0.00	62.15 -1.35 0.00	55.27 -0.93 0.00	49.96 -0.32 0.00
INDIAN POINT_GT_1 24139	32.32 1.71 0.00	29.88 1.70 0.00	29.19 1.70 0.00	32.35 1.72 0.00	31.89 1.60 0.00	31.03 1.49 0.00	29.11 1.32 0.00	29.57 1.30 0.00	28.24 1.21 0.00	34.16 1.41 0.00	40.24 2.00 0.00	42.83 2.26 -0.13	45.00 2.52 -0.09	46.55 2.67 -0.37	47.31 2.73 -0.52	48.54 2.60 -0.51	52.28 2.31 0.00	57.00 2.18 0.00	59.82 1.67 0.00	69.11 1.49 0.00	68.86 1.31 0.00	64.77 1.26 0.00	57.75 1.56 0.00	52.06 1.78 0.00
INDIAN POINT_GT_2 23659	32.32 1.71 0.00	29.88 1.70 0.00	29.19 1.70 0.00	32.35 1.72 0.00	31.89 1.60 0.00	31.03 1.49 0.00	29.11 1.32 0.00	29.57 1.30 0.00	28.24 1.21 0.00	34.16 1.41 0.00	40.24 2.00 0.00	42.83 2.26 -0.13	45.00 2.52 -0.09	46.55 2.67 -0.37	47.31 2.73 -0.52	48.54 2.60 -0.51	52.28 2.31 0.00	57.00 2.18 0.00	59.82 1.67 0.00	69.11 1.49 0.00	68.86 1.31 0.00	64.77 1.26 0.00	57.75 1.56 0.00	52.06 1.78 0.00
INDIAN POINT_GT_3 24019	32.32 1.71 0.00	29.88 1.70 0.00	29.19 1.70 0.00	32.35 1.72 0.00	31.89 1.60 0.00	31.03 1.49 0.00	29.11 1.32 0.00	29.57 1.30 0.00	28.24 1.21 0.00	34.16 1.41 0.00	40.24 2.00 0.00	42.83 2.26 -0.13	45.00 2.52 -0.09	46.55 2.67 -0.37	47.31 2.73 -0.52	48.54 2.60 -0.51	52.28 2.31 0.00	57.00 2.18 0.00	59.82 1.67 0.00	69.11 1.49 0.00	68.86 1.31 0.00	64.77 1.26 0.00	57.75 1.56 0.00	52.06 1.78 0.00
INDIAN POINT___2 23530	32.29 1.69 0.00	29.85 1.67 0.00	29.18 1.69 0.00	32.32 1.70 0.00	31.86 1.57 0.00	31.02 1.48 0.00	29.10 1.31 0.00	29.55 1.27 0.00	28.21 1.19 0.00	34.14 1.38 0.00	40.21 1.96 0.00	42.81 2.24 -0.13	44.98 2.49 -0.09	46.52 2.65 -0.35	47.28 2.71 -0.50	48.49 2.56 -0.50	52.24 2.27 0.00	56.93 2.11 0.00	59.72 1.58 0.00	69.01 1.38 0.00	68.76 1.21 0.00	64.68 1.17 0.00	57.68 1.49 0.00	52.00 1.72 0.00
INDIAN POINT___3 23531	32.27 1.67 0.00	29.84 1.66 0.00	29.17 1.68 0.00	32.32 1.70 0.00	31.86 1.57 0.00	31.01 1.47 0.00	29.10 1.31 0.00	29.55 1.27 0.00	28.21 1.18 0.00	34.13 1.37 0.00	40.18 1.94 0.00	42.77 2.20 -0.13	44.93 2.44 -0.09	46.48 2.60 -0.37	47.22 2.64 -0.52	48.45 2.51 -0.51	52.19 2.22 0.00	56.90 2.08 0.00	59.71 1.57 0.00	69.00 1.38 0.00	68.75 1.20 0.00	64.67 1.16 0.00	57.66 1.47 0.00	51.99 1.70 0.00
INGHAM_C_115KV_TB7 356103	31.25 0.65 0.00	28.93 0.76 0.00	28.26 0.77 0.00	31.63 1.00 0.00	31.23 0.94 0.00	30.41 0.87 0.00	28.45 0.65 0.00	28.51 0.24 0.00	26.59 -0.44 0.00	31.84 -0.92 0.00	37.22 -1.03 0.00	39.47 -0.97 0.00	41.43 -0.97 0.00	42.61 -0.90 0.00	43.07 -0.99 0.00	44.45 -0.98 0.00	49.09 -0.88 0.00	54.23 -0.59 0.00	57.93 -0.21 0.00	68.02 0.40 0.00	68.25 0.70 0.00	63.98 0.48 0.00	56.73 0.53 0.00	50.85 0.57 0.00
IP CORINTH___1 23988	31.99 1.39 0.00	29.62 1.44 0.00	28.94 1.45 0.00	32.35 1.72 0.00	31.86 1.56 0.00	31.08 1.54 0.00	29.18 1.39 0.00	29.50 1.22 0.00	27.84 0.82 0.00	33.50 0.74 0.00	38.81 0.57 0.00	40.96 0.63 0.12	42.88 0.57 0.08	43.93 0.74 0.32	44.32 0.71 0.45	45.93 0.95 0.45	51.24 1.27 0.00	56.96 2.15 0.00	61.05 2.90 0.00	71.22 3.60 0.00	71.21 3.67 0.00	66.81 3.31 0.00	59.12 2.92 0.00	52.73 2.45 0.00
IP___TICONDEROGA 23804	33.41 2.81 0.00	31.02 2.84 0.00	30.52 3.03 0.00	34.20 3.57 0.00	33.34 3.04 0.00	32.64 3.10 0.00	30.54 2.75 0.00	30.74 2.46 0.00	28.78 1.75 0.00	34.47 1.71 0.00	39.99 1.75 0.00	42.17 1.85 0.12	44.08 1.77 0.08	45.59 2.41 0.33	45.98 2.38 0.47	47.75 2.78 0.46	53.41 3.44 0.00	60.20 5.38 0.00	64.21 6.07 0.00	75.25 7.62 0.00	75.11 7.56 0.00	70.56 7.06 0.00	62.72 6.53 0.00	55.39 5.11 0.00
ISLIP_RES_REC 323679	32.27 1.67 0.00	30.17 1.99 0.00	29.42 1.93 0.00	32.56 1.94 0.00	32.00 1.70 0.00	31.08 1.54 0.00	29.25 1.46 0.00	29.34 1.06 0.00	27.75 1.07 0.34	34.45 1.69 0.00	41.54 3.29 0.00	44.21 3.63 -0.14	46.38 3.92 -0.06	47.92 4.00 -0.41	48.72 4.12 -0.53	47.12 3.60 1.91	50.56 2.95 2.36	54.99 2.92 2.76	60.11 1.97 0.00	53.75 1.54 15.42	36.04 1.36 32.87	44.64 1.22 20.08	39.87 1.23 17.56	37.09 1.37 14.56

JAMAICA__27_KV_LOAD 355505	32.83 2.23 0.00	30.30 2.12 0.00	29.56 2.07 0.00	32.70 2.07 0.00	32.31 2.02 0.00	31.43 1.89 0.00	29.45 1.66 0.00	29.91 1.64 0.00	28.60 1.58 0.00	34.58 1.82 0.00	40.74 2.50 0.00	43.38 2.80 -0.14	45.65 3.16 -0.10	47.22 3.34 -0.37	47.98 3.39 -0.53	49.21 3.26 -0.52	52.84 2.87 0.00	57.41 2.59 0.00	60.22 2.08 0.00	69.46 1.84 0.00	69.33 1.78 0.00	65.26 1.76 0.00	58.43 2.24 0.00	52.72 2.43 0.00
JANIS__SOLAR 323808	31.78 1.18 0.00	29.20 1.02 0.00	28.41 0.92 0.00	31.56 0.94 0.00	31.23 0.93 0.00	30.41 0.87 0.00	28.44 0.65 0.00	28.76 0.48 0.00	27.16 0.13 0.00	32.94 0.18 0.00	38.52 0.28 0.00	40.70 0.26 0.00	42.65 0.25 0.00	43.85 0.34 0.00	44.52 0.45 0.00	45.97 0.54 0.00	50.84 0.87 0.00	56.17 1.35 0.00	60.21 2.07 0.00	71.00 3.37 0.00	71.20 3.65 0.00	66.84 3.08 -0.25	58.79 2.53 -0.07	52.51 2.23 0.00
JARVIS____ 23743	30.73 0.13 0.00	28.33 0.15 0.00	27.66 0.17 0.00	30.81 0.18 0.00	30.47 0.18 0.00	29.72 0.17 0.00	27.93 0.14 0.00	28.36 0.08 0.00	27.03 0.00 0.00	32.72 -0.03 0.00	38.22 -0.02 0.00	40.42 -0.02 0.00	42.39 0.00 0.00	43.51 0.00 0.00	44.06 0.00 0.00	45.44 0.01 0.00	49.92 -0.05 0.00	54.82 -0.01 0.00	58.12 -0.02 0.00	67.63 0.00 0.00	67.55 0.00 0.00	63.50 0.00 0.00	56.26 0.06 0.00	50.38 0.10 0.00
JENNISON____1 23625	31.96 1.35 0.00	29.37 1.19 0.00	28.59 1.10 0.00	31.78 1.16 0.00	31.44 1.15 0.00	30.53 0.99 0.00	28.39 0.60 0.00	28.80 0.53 0.00	27.28 0.26 0.00	33.32 0.56 0.00	39.24 0.99 0.00	41.56 1.12 0.00	43.50 1.10 0.00	44.61 1.10 0.00	45.17 1.11 0.00	46.56 1.13 0.00	51.49 1.52 0.00	56.80 1.98 0.00	60.47 2.33 0.00	70.67 3.04 0.00	70.78 3.23 0.00	66.23 2.55 -0.18	58.21 1.96 -0.05	52.06 1.78 0.00
JENNISON____2 23626	31.96 1.35 0.00	29.37 1.19 0.00	28.59 1.10 0.00	31.78 1.16 0.00	31.44 1.15 0.00	30.53 0.99 0.00	28.39 0.60 0.00	28.80 0.53 0.00	27.28 0.26 0.00	33.32 0.56 0.00	39.24 0.99 0.00	41.56 1.12 0.00	43.50 1.10 0.00	44.61 1.10 0.00	45.17 1.11 0.00	46.56 1.13 0.00	51.49 1.52 0.00	56.80 1.98 0.00	60.47 2.33 0.00	70.67 3.04 0.00	70.78 3.23 0.00	66.23 2.55 -0.18	58.21 1.96 -0.05	52.06 1.78 0.00
JERICOHO_RISE_WT_PWR 323719	30.75 0.15 0.00	28.09 -0.09 0.00	27.32 -0.17 0.00	30.50 -0.13 0.00	30.12 -0.17 0.00	29.45 -0.09 0.00	27.80 0.01 0.00	28.36 0.08 0.00	27.41 0.38 0.00	33.44 0.68 0.00	38.89 0.64 0.00	41.06 0.62 0.00	42.88 0.49 0.00	43.85 0.34 0.00	44.39 0.33 0.00	45.68 0.25 0.00	50.42 0.45 0.00	55.40 0.58 0.00	58.86 0.72 0.00	68.71 1.09 0.00	68.74 1.19 0.00	64.65 1.15 0.00	56.93 0.73 0.00	50.67 0.39 0.00
KATONAH__115KV_46KV_TB4 355592	32.37 1.77 0.00	29.91 1.73 0.00	29.22 1.73 0.00	32.39 1.76 0.00	31.94 1.65 0.00	31.09 1.55 0.00	29.18 1.39 0.00	29.64 1.36 0.00	28.29 1.26 0.00	34.25 1.49 0.00	40.33 2.09 0.00	42.94 2.36 -0.14	45.12 2.63 -0.10	46.69 2.80 -0.38	47.48 2.88 -0.53	48.72 2.77 -0.53	52.57 2.60 0.00	57.37 2.55 0.00	60.23 2.09 0.00	69.60 1.97 0.00	69.32 1.77 0.00	65.18 1.68 0.00	58.07 1.87 0.00	52.30 2.02 0.00
KCE_NY_1 323755	32.08 1.48 0.00	29.63 1.45 0.00	28.93 1.44 0.00	32.37 1.75 0.00	31.91 1.62 0.00	31.08 1.54 0.00	29.20 1.40 0.00	29.53 1.25 0.00	27.95 0.92 0.00	33.67 0.91 0.00	39.24 0.99 0.00	41.34 1.02 0.12	43.39 1.08 0.09	44.34 1.17 0.34	44.77 1.18 0.48	46.33 1.38 0.48	51.55 1.58 0.00	57.06 2.24 0.00	60.83 2.69 0.00	70.84 3.21 0.00	70.67 3.13 0.00	66.31 2.81 0.00	58.79 2.59 0.00	52.60 2.32 0.00
KCE_NY_6_ESR 323823	29.42 -1.19 0.00	27.13 -1.05 0.00	26.40 -1.09 0.00	29.19 -1.44 0.00	29.00 -1.29 0.00	28.30 -1.24 0.00	26.53 -1.26 0.00	27.05 -1.23 0.00	26.16 -0.87 0.00	32.04 -0.72 0.00	37.06 -1.19 0.00	39.20 -1.24 0.00	40.95 -1.45 0.00	42.00 -1.52 0.00	42.55 -1.52 0.00	43.99 -1.43 0.00	48.84 -1.13 0.00	53.74 -1.08 0.00	57.46 -0.69 0.00	66.99 -0.64 0.00	66.82 -0.73 0.00	62.60 -0.90 0.00	55.63 -0.56 0.00	50.23 -0.05 0.00
KEDC_PORT_JEFF_GT2 24210	32.03 1.43 0.00	29.96 1.78 0.00	29.23 1.73 0.00	32.34 1.72 0.00	31.80 1.50 0.00	30.87 1.33 0.00	29.04 1.24 0.00	29.13 0.86 0.00	27.53 0.85 0.35	34.18 1.42 0.00	41.22 2.98 0.00	43.88 3.30 -0.14	46.00 3.55 -0.06	47.49 3.57 -0.40	48.27 3.69 -0.53	46.57 3.14 2.00	49.62 2.33 2.68	53.64 1.95 3.13	59.07 0.94 0.00	52.48 0.40 15.55	34.95 0.56 33.16	43.72 0.46 20.25	39.12 0.63 17.71	36.46 0.87 14.68
KEDC_PORT_JEFF_GT3 24211	32.03 1.43 0.00	29.96 1.78 0.00	29.23 1.73 0.00	32.34 1.72 0.00	31.80 1.50 0.00	30.87 1.33 0.00	29.04 1.24 0.00	29.13 0.86 0.00	27.53 0.85 0.35	34.18 1.42 0.00	41.22 2.98 0.00	43.88 3.30 -0.14	46.00 3.55 -0.06	47.49 3.57 -0.40	48.27 3.69 -0.53	46.57 3.14 2.00	49.62 2.33 2.68	53.64 1.95 3.13	59.07 0.94 0.00	52.48 0.40 15.55	34.95 0.56 33.16	43.72 0.46 20.25	39.12 0.63 17.71	36.46 0.87 14.68
KEDC_GLWD_GT4 24219	32.55 1.95 0.00	30.20 2.02 0.00	29.47 1.98 0.00	32.60 1.98 0.00	32.10 1.81 0.00	31.20 1.66 0.00	29.29 1.50 0.00	29.68 1.40 0.00	28.26 1.35 0.12	34.53 1.77 0.00	41.03 2.78 0.00	43.72 3.12 -0.15	46.18 3.43 -0.37	47.69 3.55 -0.62	48.37 3.63 -0.68	50.92 3.34 -2.15	52.58 2.62 0.00	57.58 2.76 0.00	60.15 2.01 0.00	63.51 1.62 5.73	57.05 1.20 11.69	57.25 1.21 7.46	51.63 1.75 6.32	47.49 1.97 4.76
KEDC_GLWD_GT5 24220	32.55 1.95 0.00	30.20 2.02 0.00	29.47 1.98 0.00	32.60 1.98 0.00	32.10 1.81 0.00	31.20 1.66 0.00	29.29 1.50 0.00	29.68 1.40 0.00	28.26 1.35 0.12	34.53 1.77 0.00	41.03 2.78 0.00	43.72 3.12 -0.15	46.18 3.43 -0.37	47.69 3.55 -0.62	48.37 3.63 -0.68	50.92 3.34 -2.15	52.58 2.62 0.00	57.58 2.76 0.00	60.15 2.01 0.00	63.51 1.62 5.73	57.05 1.20 11.69	57.25 1.21 7.46	51.63 1.75 6.32	47.49 1.97 4.76
KENSICO____ 23655	32.42 1.82 0.00	29.98 1.80 0.00	29.29 1.80 0.00	32.44 1.82 0.00	31.98 1.69 0.00	31.12 1.58 0.00	29.20 1.41 0.00	29.66 1.38 0.00	28.33 1.30 0.00	34.28 1.52 0.00	40.40 2.15 0.00	43.00 2.43 -0.13	45.18 2.69 -0.10	46.73 2.85 -0.37	47.49 2.90 -0.53	48.71 2.76 -0.52	52.46 2.49 0.00	57.17 2.35 0.00	59.99 1.85 0.00	69.27 1.65 0.00	69.01 1.46 0.00	64.91 1.41 0.00	57.91 1.71 0.00	52.22 1.94 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.34 1.74 0.00	29.80 1.62 0.00	29.07 1.58 0.00	32.22 1.59 0.00	31.77 1.48 0.00	30.94 1.40 0.00	29.03 1.24 0.00	29.50 1.22 0.00	28.12 1.10 0.00	34.00 1.24 0.00	39.90 1.65 0.00	42.39 1.87 -0.08	44.60 2.15 -0.06	46.25 2.51 -0.23	46.97 2.59 -0.32	48.50 2.76 -0.32	52.80 2.83 0.00	57.71 2.89 0.00	60.60 2.46 0.00	70.07 2.44 0.00	69.87 2.32 0.00	65.62 2.12 0.00	58.37 2.18 0.00	52.50 2.21 0.00

KIAC_JFK_GT1 23816	32.51 1.91 0.00	30.01 1.83 0.00	29.29 1.80 0.00	32.40 1.77 0.00	32.11 1.82 0.00	31.23 1.69 0.00	29.20 1.40 0.00	29.64 1.36 0.00	28.33 1.30 0.00	34.26 1.50 0.00	40.36 2.11 0.00	42.97 2.39 -0.14	45.22 2.73 -0.10	46.77 2.89 -0.37	47.52 2.93 -0.53	48.72 2.77 -0.52	52.30 2.33 0.00	56.84 2.02 0.00	59.60 1.46 0.00	68.75 1.12 0.00	68.59 1.04 0.00	64.57 1.07 0.00	57.80 1.60 0.00	52.17 1.88 0.00
KIAC_JFK_GT2 23817	32.51 1.91 0.00	30.01 1.83 0.00	29.29 1.80 0.00	32.40 1.77 0.00	32.11 1.82 0.00	31.23 1.69 0.00	29.20 1.40 0.00	29.64 1.36 0.00	28.33 1.30 0.00	34.26 1.50 0.00	40.36 2.11 0.00	42.97 2.39 -0.14	45.22 2.73 -0.10	46.77 2.89 -0.37	47.52 2.93 -0.53	48.72 2.77 -0.52	52.30 2.33 0.00	56.84 2.02 0.00	59.60 1.46 0.00	68.75 1.12 0.00	68.59 1.04 0.00	64.57 1.07 0.00	57.80 1.60 0.00	52.17 1.88 0.00
KIAC_JFK____ 323774	32.51 1.91 0.00	30.01 1.83 0.00	29.29 1.80 0.00	32.40 1.77 0.00	32.11 1.82 0.00	31.23 1.69 0.00	29.20 1.41 0.00	29.63 1.35 0.00	28.33 1.30 0.00	34.26 1.50 0.00	40.35 2.11 0.00	42.97 2.39 -0.14	45.22 2.73 -0.10	46.77 2.89 -0.37	47.52 2.93 -0.53	48.73 2.78 -0.52	52.30 2.33 0.00	56.84 2.02 0.00	59.60 1.45 0.00	68.73 1.11 0.00	68.58 1.03 0.00	64.56 1.06 0.00	57.79 1.60 0.00	52.16 1.88 0.00
KINTIGH__24_KV_GSU 356498	29.26 -1.35 0.00	27.03 -1.15 0.00	26.34 -1.15 0.00	29.14 -1.48 0.00	28.95 -1.34 0.00	28.24 -1.30 0.00	26.49 -1.30 0.00	27.01 -1.26 0.00	26.07 -0.95 0.00	31.90 -0.86 0.00	36.87 -1.37 0.00	38.95 -1.49 0.00	40.68 -1.72 0.00	41.69 -1.82 0.00	42.22 -1.84 0.00	43.67 -1.76 0.00	48.40 -1.56 0.00	53.22 -1.60 0.00	56.82 -1.33 0.00	66.10 -1.53 0.00	65.98 -1.57 0.00	61.87 -1.63 0.00	54.98 -1.22 0.00	49.64 -0.64 0.00
KINTIGH____ 23543	29.23 -1.37 0.00	27.01 -1.17 0.00	26.32 -1.17 0.00	29.12 -1.51 0.00	28.93 -1.37 0.00	28.22 -1.32 0.00	26.48 -1.31 0.00	26.98 -1.30 0.00	26.05 -0.98 0.00	31.88 -0.88 0.00	36.84 -1.41 0.00	38.92 -1.52 0.00	40.65 -1.75 0.00	41.65 -1.86 0.00	42.18 -1.88 0.00	43.64 -1.79 0.00	48.37 -1.60 0.00	53.19 -1.63 0.00	56.78 -1.37 0.00	66.03 -1.59 0.00	65.91 -1.64 0.00	61.85 -1.65 0.00	54.93 -1.27 0.00	49.58 -0.70 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.25 0.65 0.00	28.56 0.38 0.00	27.74 0.25 0.00	30.98 0.36 0.00	30.58 0.29 0.00	29.90 0.36 0.00	28.20 0.41 0.00	28.67 0.40 0.00	27.68 0.65 0.00	33.76 1.00 0.00	39.28 1.04 0.00	41.45 1.01 0.00	43.25 0.86 0.00	44.15 0.64 0.00	44.73 0.66 0.00	45.90 0.47 0.00	50.71 0.75 0.00	55.87 1.05 0.00	59.39 1.25 0.00	69.53 1.90 0.00	69.53 1.98 0.00	65.32 1.81 0.00	57.52 1.33 0.00	51.20 0.92 0.00
LACHUTE____HYDRO 323717	33.41 2.81 0.00	31.02 2.84 0.00	30.52 3.03 0.00	34.20 3.57 0.00	33.34 3.04 0.00	32.64 3.10 0.00	30.54 2.75 0.00	30.73 2.46 0.00	28.78 1.75 0.00	34.47 1.71 0.00	39.99 1.75 0.00	42.17 1.85 0.12	44.09 1.78 0.08	45.59 2.41 0.33	45.98 2.38 0.47	47.75 2.78 0.46	53.41 3.44 0.00	60.20 5.38 0.00	64.21 6.07 0.00	75.25 7.62 0.00	75.11 7.56 0.00	70.55 7.05 0.00	62.72 6.52 0.00	55.39 5.11 0.00
LAWRNCALV_115KV_TB1 80681	31.06 0.45 0.00	28.38 0.20 0.00	27.62 0.13 0.00	30.80 0.17 0.00	30.58 0.29 0.00	29.88 0.34 0.00	28.18 0.39 0.00	28.66 0.39 0.00	27.55 0.52 0.00	33.60 0.84 0.00	39.08 0.83 0.00	41.25 0.81 0.00	43.08 0.68 0.00	44.12 0.61 0.00	44.59 0.53 0.00	45.94 0.52 0.00	50.82 0.85 0.00	55.71 0.89 0.00	59.58 1.44 0.00	69.72 2.10 0.00	69.92 2.37 0.00	65.94 2.44 0.00	57.94 1.74 0.00	51.52 1.24 0.00
LEDERLE____ 23769	32.51 1.91 0.00	30.05 1.87 0.00	29.37 1.88 0.00	32.54 1.92 0.00	32.07 1.78 0.00	31.22 1.68 0.00	29.28 1.49 0.00	29.75 1.47 0.00	28.42 1.39 0.00	34.39 1.63 0.00	40.50 2.25 0.00	43.14 2.57 -0.13	45.35 2.86 -0.09	46.92 3.06 -0.35	47.69 3.13 -0.49	48.94 3.03 -0.49	52.75 2.78 0.00	57.47 2.65 0.00	60.29 2.14 0.00	69.67 2.04 0.00	69.39 1.85 0.00	65.19 1.69 0.00	58.12 1.93 0.00	52.35 2.07 0.00
LIGHTHSE_115KV_TB6 355974	30.59 -0.02 0.00	28.14 -0.04 0.00	27.39 -0.10 0.00	30.49 -0.14 0.00	30.15 -0.14 0.00	29.36 -0.18 0.00	27.52 -0.27 0.00	27.91 -0.37 0.00	26.51 -0.52 0.00	32.11 -0.65 0.00	37.51 -0.73 0.00	39.64 -0.80 0.00	41.63 -0.76 0.00	42.73 -0.78 0.00	43.25 -0.81 0.00	44.61 -0.82 0.00	49.46 -0.51 0.00	54.48 -0.34 0.00	58.30 0.16 0.00	68.43 0.80 0.00	68.42 0.87 0.00	64.97 0.85 -0.62	57.07 0.71 -0.16	50.80 0.51 0.00
LINDEN COGEN____ 23786	32.53 1.93 0.00	30.07 1.89 0.00	29.37 1.88 0.00	32.48 1.86 0.00	32.01 1.72 0.00	31.14 1.60 0.00	29.23 1.44 0.00	29.70 1.43 0.00	28.43 1.40 0.00	34.37 1.61 0.00	40.51 2.26 0.00	43.14 2.56 -0.14	45.36 2.87 -0.10	46.92 3.03 -0.37	47.67 3.08 -0.53	48.87 2.92 -0.52	52.51 2.54 0.00	57.05 2.23 0.00	59.75 1.61 0.00	68.93 1.30 0.00	68.68 1.13 0.00	64.64 1.13 0.00	57.78 1.58 0.00	52.17 1.89 0.00
LINDHRST_69_KV_BK1 356055	32.51 1.91 0.00	30.33 2.15 0.00	29.56 2.07 0.00	32.67 2.04 0.00	32.12 1.82 0.00	31.19 1.65 0.00	29.29 1.50 0.00	29.53 1.25 0.00	27.94 1.22 0.31	34.56 1.80 0.00	41.50 3.26 0.00	44.17 3.59 -0.14	46.49 3.94 -0.16	47.97 3.98 -0.48	48.74 4.10 -0.58	48.58 3.73 0.57	51.87 2.85 0.94	56.57 2.85 1.10	60.15 2.01 0.00	55.23 1.58 13.98	39.23 1.34 29.67	46.58 1.29 18.21	41.82 1.46 15.83	39.40 1.76 12.64
LIPA_MISC_IPP 23656	31.92 1.32 0.00	29.86 1.68 0.00	29.13 1.64 0.00	32.29 1.66 0.00	31.74 1.45 0.00	30.82 1.28 0.00	29.04 1.25 0.00	29.05 0.78 0.00	27.46 0.78 0.35	34.08 1.32 0.00	41.04 2.80 0.00	43.67 3.09 -0.14	45.85 3.41 -0.05	47.35 3.43 -0.40	48.14 3.56 -0.52	46.53 3.13 2.04	50.19 2.16 1.95	54.69 2.14 2.28	59.28 1.14 0.00	52.61 0.59 15.61	34.66 0.41 33.29	43.56 0.38 20.33	38.94 0.52 17.78	36.29 0.75 14.74
LISF____SOLAR 323691	31.99 1.39 0.00	29.92 1.74 0.00	29.18 1.69 0.00	32.34 1.72 0.00	31.78 1.49 0.00	30.87 1.33 0.00	29.09 1.30 0.00	29.09 0.81 0.00	27.49 0.81 0.35	34.11 1.35 0.00	41.09 2.85 0.00	43.71 3.13 -0.14	45.80 3.36 -0.05	47.30 3.39 -0.40	48.11 3.52 -0.52	46.36 2.95 2.02	50.20 2.28 2.05	54.72 2.29 2.40	59.45 1.31 0.00	52.83 0.79 15.58	34.91 0.60 33.24	43.74 0.54 20.30	39.08 0.63 17.75	36.36 0.81 14.72
LITTLE FALLS____HYD 24013	31.25 0.65 0.00	28.93 0.76 0.00	28.26 0.77 0.00	31.63 1.00 0.00	31.23 0.94 0.00	30.41 0.87 0.00	28.45 0.65 0.00	28.51 0.24 0.00	26.59 -0.44 0.00	31.84 -0.92 0.00	37.22 -1.03 0.00	39.47 -0.97 0.00	41.43 -0.97 0.00	42.61 -0.90 0.00	43.07 -0.99 0.00	44.45 -0.98 0.00	49.09 -0.88 0.00	54.23 -0.59 0.00	57.93 -0.21 0.00	68.02 0.40 0.00	68.25 0.70 0.00	63.98 0.48 0.00	56.73 0.53 0.00	50.85 0.57 0.00

LITTLRIV_115KV_TB1 356100	31.49 0.89 0.00	28.74 0.56 0.00	27.97 0.48 0.00	31.19 0.56 0.00	30.96 0.67 0.00	30.24 0.70 0.00	28.52 0.73 0.00	28.94 0.66 0.00	27.70 0.67 0.00	33.72 0.97 0.00	39.21 0.96 0.00	41.40 0.96 0.00	43.17 0.78 0.00	44.21 0.71 0.00	44.69 0.62 0.00	46.03 0.60 0.00	50.96 0.99 0.00	55.93 1.10 0.00	60.33 2.19 0.00	70.80 3.17 0.00	71.07 3.52 0.00	67.05 3.55 0.00	58.85 2.66 0.00	52.29 2.01 0.00
LI_NEWBRDGE___DRP 323616	32.12 1.52 0.00	29.93 1.75 0.00	29.22 1.73 0.00	32.30 1.67 0.00	31.77 1.48 0.00	30.87 1.33 0.00	28.97 1.17 0.00	29.25 0.97 0.00	27.61 0.95 0.37	34.15 1.39 0.00	40.79 2.55 0.00	43.42 2.85 -0.14	45.56 3.18 0.01	47.08 3.22 -0.35	47.85 3.29 -0.49	45.54 2.97 2.86	52.01 2.05 0.01	56.71 1.88 0.00	59.21 1.07 0.00	51.57 0.58 16.63	32.30 0.34 35.58	42.19 0.34 21.66	37.88 0.67 18.99	35.42 1.05 15.90
LOCKPORT_115KV_TB60_63_64 80432	28.88 -1.73 0.00	26.69 -1.49 0.00	26.00 -1.49 0.00	28.71 -1.91 0.00	28.58 -1.72 0.00	27.87 -1.67 0.00	26.14 -1.65 0.00	26.67 -1.61 0.00	25.85 -1.18 0.00	31.58 -1.18 0.00	36.35 -1.90 0.00	38.39 -2.05 0.00	40.08 -2.31 0.00	41.07 -2.44 0.00	41.62 -2.45 0.00	43.12 -2.31 0.00	47.92 -2.05 0.00	52.76 -2.06 0.00	56.54 -1.60 0.00	65.84 -1.78 0.00	65.75 -1.80 0.00	61.67 -1.84 0.00	54.82 -1.38 0.00	49.66 -0.63 0.00
LOCKPORT___CC1 323769	28.87 -1.73 0.00	26.69 -1.49 0.00	26.00 -1.49 0.00	28.72 -1.91 0.00	28.58 -1.71 0.00	27.88 -1.66 0.00	26.14 -1.66 0.00	26.68 -1.60 0.00	25.85 -1.18 0.00	31.60 -1.16 0.00	36.38 -1.86 0.00	38.41 -2.03 0.00	40.10 -2.29 0.00	41.08 -2.44 0.00	41.64 -2.42 0.00	43.11 -2.32 0.00	47.90 -2.07 0.00	52.74 -2.08 0.00	56.49 -1.65 0.00	65.80 -1.83 0.00	65.71 -1.84 0.00	61.58 -1.92 0.00	54.79 -1.41 0.00	49.63 -0.65 0.00
LOCKPORT___CC2 323770	28.87 -1.73 0.00	26.69 -1.49 0.00	26.00 -1.49 0.00	28.72 -1.91 0.00	28.58 -1.71 0.00	27.88 -1.66 0.00	26.14 -1.66 0.00	26.68 -1.60 0.00	25.85 -1.18 0.00	31.60 -1.16 0.00	36.38 -1.86 0.00	38.41 -2.03 0.00	40.10 -2.29 0.00	41.08 -2.44 0.00	41.64 -2.42 0.00	43.11 -2.32 0.00	47.90 -2.07 0.00	52.74 -2.08 0.00	56.49 -1.65 0.00	65.80 -1.83 0.00	65.71 -1.84 0.00	61.58 -1.92 0.00	54.79 -1.41 0.00	49.63 -0.65 0.00
LOCKPORT___CC3 323771	28.87 -1.73 0.00	26.69 -1.49 0.00	26.00 -1.49 0.00	28.72 -1.91 0.00	28.58 -1.71 0.00	27.88 -1.66 0.00	26.14 -1.66 0.00	26.68 -1.60 0.00	25.85 -1.18 0.00	31.60 -1.16 0.00	36.38 -1.86 0.00	38.41 -2.03 0.00	40.10 -2.29 0.00	41.08 -2.44 0.00	41.64 -2.42 0.00	43.11 -2.32 0.00	47.90 -2.07 0.00	52.74 -2.08 0.00	56.49 -1.65 0.00	65.80 -1.83 0.00	65.71 -1.84 0.00	61.58 -1.92 0.00	54.79 -1.41 0.00	49.63 -0.65 0.00
LOCUSVLY_69_KV_BK2 55797	32.51 1.91 0.00	30.22 2.05 0.00	29.49 2.00 0.00	32.60 1.97 0.00	32.09 1.80 0.00	31.18 1.64 0.00	29.26 1.46 0.00	29.60 1.32 0.00	28.15 1.30 0.18	34.54 1.79 0.00	41.22 2.98 0.00	43.90 3.31 -0.15	46.37 3.69 -0.29	47.88 3.80 -0.57	48.59 3.88 -0.64	50.19 3.61 -1.15	52.83 2.87 0.00	57.66 2.84 0.00	60.25 2.11 0.00	61.01 1.76 8.38	51.43 1.36 17.48	53.90 1.31 10.91	48.46 1.65 9.38	44.80 1.89 7.37
LONG_LAKE_PHOENIX 24014	29.96 -0.64 0.00	27.60 -0.58 0.00	26.91 -0.59 0.00	29.93 -0.69 0.00	29.62 -0.67 0.00	28.87 -0.67 0.00	27.12 -0.68 0.00	27.55 -0.73 0.00	26.26 -0.77 0.00	31.83 -0.93 0.00	37.18 -1.07 0.00	39.34 -1.10 0.00	41.29 -1.10 0.00	42.42 -1.09 0.00	43.03 -1.03 0.00	44.43 -1.00 0.00	49.05 -0.92 0.00	53.92 -0.90 0.00	57.40 -0.74 0.00	66.83 -0.80 0.00	66.71 -0.84 0.00	63.50 -0.94 -0.94	55.60 -0.85 -0.24	49.57 -0.71 0.00
LOVETT___3 23632	32.28 1.68 0.00	29.86 1.68 0.00	29.19 1.70 0.00	32.34 1.71 0.00	31.89 1.60 0.00	31.02 1.48 0.00	29.10 1.32 0.00	29.56 1.28 0.00	28.23 1.20 0.00	34.15 1.39 0.00	40.21 1.97 0.00	42.81 2.24 -0.13	44.97 2.48 -0.09	46.52 2.65 -0.35	47.26 2.70 -0.50	48.48 2.56 -0.49	52.23 2.27 0.00	56.92 2.10 0.00	59.72 1.58 0.00	69.01 1.38 0.00	68.72 1.18 0.00	64.56 1.05 0.00	57.58 1.38 0.00	51.90 1.62 0.00
LOVETT___4 23642	32.28 1.68 0.00	29.86 1.68 0.00	29.19 1.70 0.00	32.34 1.71 0.00	31.89 1.60 0.00	31.02 1.48 0.00	29.10 1.32 0.00	29.56 1.28 0.00	28.23 1.20 0.00	34.15 1.39 0.00	40.21 1.97 0.00	42.81 2.24 -0.13	44.97 2.48 -0.09	46.52 2.65 -0.35	47.26 2.70 -0.50	48.48 2.56 -0.49	52.23 2.27 0.00	56.92 2.10 0.00	59.72 1.58 0.00	69.01 1.38 0.00	68.72 1.18 0.00	64.56 1.05 0.00	57.58 1.38 0.00	51.90 1.62 0.00
LOVETT___5 23593	32.28 1.68 0.00	29.86 1.68 0.00	29.19 1.70 0.00	32.34 1.71 0.00	31.89 1.60 0.00	31.02 1.48 0.00	29.10 1.32 0.00	29.56 1.28 0.00	28.23 1.20 0.00	34.15 1.39 0.00	40.21 1.97 0.00	42.81 2.24 -0.13	44.97 2.48 -0.09	46.52 2.65 -0.35	47.26 2.70 -0.50	48.48 2.56 -0.49	52.23 2.27 0.00	56.92 2.10 0.00	59.72 1.58 0.00	69.01 1.38 0.00	68.72 1.18 0.00	64.56 1.05 0.00	57.58 1.38 0.00	51.90 1.62 0.00
LOWER RAQUET___HYD 24057	31.11 0.51 0.00	28.41 0.23 0.00	27.65 0.16 0.00	30.83 0.21 0.00	30.64 0.34 0.00	29.92 0.38 0.00	28.23 0.44 0.00	28.70 0.42 0.00	27.57 0.54 0.00	33.61 0.85 0.00	39.09 0.84 0.00	41.27 0.82 0.00	43.07 0.68 0.00	44.12 0.61 0.00	44.59 0.53 0.00	45.92 0.49 0.00	50.83 0.86 0.00	55.74 0.92 0.00	59.71 1.56 0.00	69.94 2.31 0.00	70.13 2.58 0.00	66.23 2.64 -0.08	58.12 1.91 -0.02	51.64 1.36 0.00
LOWER___HUDSON 24059	31.68 1.08 0.00	29.33 1.15 0.00	28.66 1.17 0.00	32.06 1.44 0.00	31.66 1.37 0.00	30.87 1.32 0.00	28.96 1.17 0.00	29.32 1.05 0.00	27.77 0.74 0.00	33.47 0.71 0.00	39.01 0.76 0.00	40.99 0.71 0.16	43.01 0.73 0.11	43.83 0.76 0.44	44.15 0.71 0.62	45.60 0.79 0.62	50.79 0.82 0.00	55.99 1.17 0.00	59.39 1.24 0.00	69.08 1.45 0.00	68.92 1.37 0.00	64.84 1.34 0.00	57.55 1.35 0.00	51.60 1.32 0.00
LOWVILLE_115KV_TB2 356335	31.84 1.24 0.00	29.20 1.02 0.00	28.41 0.92 0.00	31.63 1.00 0.00	31.30 1.01 0.00	30.52 0.98 0.00	28.66 0.87 0.00	28.99 0.71 0.00	27.45 0.42 0.00	33.15 0.39 0.00	38.62 0.37 0.00	40.77 0.33 0.00	42.76 0.37 0.00	43.85 0.34 0.00	44.25 0.19 0.00	45.63 0.20 0.00	50.82 0.86 0.00	56.22 1.40 0.00	60.52 2.38 0.00	71.49 3.87 0.00	71.66 4.11 0.00	67.64 3.95 -0.19	59.49 3.24 -0.05	52.90 2.62 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.06 1.46 0.00	29.62 1.44 0.00	28.93 1.44 0.00	32.34 1.71 0.00	31.91 1.62 0.00	31.10 1.56 0.00	29.20 1.41 0.00	29.54 1.26 0.00	27.95 0.92 0.00	33.67 0.91 0.00	39.21 0.97 0.00	41.31 1.00 0.12	43.35 1.04 0.09	44.30 1.13 0.34	44.73 1.15 0.48	46.29 1.33 0.48	51.50 1.54 0.00	56.96 2.14 0.00	60.68 2.54 0.00	70.71 3.08 0.00	70.58 3.03 0.00	66.27 2.77 0.00	58.74 2.55 0.00	52.56 2.28 0.00

LUTHERNY_35_KV_BK2 355980	32.08 1.48 0.00	29.63 1.45 0.00	28.93 1.44 0.00	32.37 1.75 0.00	31.91 1.62 0.00	31.08 1.54 0.00	29.20 1.40 0.00	29.53 1.25 0.00	27.95 0.92 0.00	33.67 0.91 0.00	39.24 0.99 0.00	41.34 1.02 0.12	43.39 1.09 0.09	44.35 1.17 0.34	44.77 1.19 0.48	46.33 1.38 0.48	51.55 1.58 0.00	57.06 2.24 0.00	60.83 2.69 0.00	70.84 3.21 0.00	70.67 3.13 0.00	66.30 2.80 0.00	58.79 2.60 0.00	52.60 2.31 0.00
LWR___OSWEGATCHIE_HYD 23850	31.43 0.82 0.00	28.76 0.58 0.00	27.97 0.48 0.00	31.17 0.55 0.00	30.90 0.61 0.00	30.16 0.62 0.00	28.38 0.59 0.00	28.77 0.49 0.00	27.42 0.39 0.00	33.27 0.51 0.00	38.72 0.48 0.00	40.87 0.43 0.00	42.77 0.37 0.00	43.83 0.32 0.00	44.28 0.21 0.00	45.64 0.21 0.00	50.72 0.75 0.00	55.85 1.03 0.00	60.00 1.85 0.00	70.65 3.03 0.00	70.84 3.29 0.00	66.94 3.27 -0.16	58.79 2.55 -0.04	52.23 1.95 0.00
LYONS_FALL_HYD 23570	31.64 1.04 0.00	29.05 0.87 0.00	28.29 0.80 0.00	31.49 0.86 0.00	31.15 0.86 0.00	30.38 0.84 0.00	28.54 0.75 0.00	28.89 0.61 0.00	27.41 0.38 0.00	33.14 0.38 0.00	38.65 0.40 0.00	40.83 0.39 0.00	42.83 0.44 0.00	43.97 0.46 0.00	44.45 0.39 0.00	45.86 0.43 0.00	50.90 0.93 0.00	56.18 1.36 0.00	60.25 2.11 0.00	70.81 3.18 0.00	70.92 3.37 0.00	66.83 3.19 -0.14	58.87 2.63 -0.04	52.44 2.16 0.00
MADISON___COUNTY_LFGE 323628	31.39 0.79 0.00	28.87 0.70 0.00	28.12 0.63 0.00	31.30 0.66 0.00	30.95 0.66 0.00	30.17 0.63 0.00	28.34 0.55 0.00	28.70 0.42 0.00	27.22 0.19 0.00	32.95 0.20 0.00	38.50 0.25 0.00	40.72 0.28 0.00	42.79 0.39 0.00	44.06 0.55 0.00	44.68 0.62 0.00	46.09 0.66 0.00	50.94 0.97 0.00	56.16 1.34 0.00	59.88 1.74 0.00	69.99 2.37 0.00	70.10 2.55 0.00	65.92 2.26 -0.16	58.15 1.91 -0.04	51.93 1.65 0.00
MALONE___115KV_TB1 356076	31.15 0.55 0.00	28.41 0.23 0.00	27.63 0.14 0.00	30.84 0.21 0.00	30.51 0.22 0.00	29.83 0.29 0.00	28.16 0.37 0.00	28.68 0.40 0.00	27.67 0.64 0.00	33.76 1.00 0.00	39.25 1.01 0.00	41.48 1.04 0.00	43.27 0.88 0.00	44.30 0.79 0.00	44.83 0.77 0.00	46.12 0.69 0.00	51.00 1.03 0.00	56.09 1.27 0.00	59.78 1.64 0.00	70.02 2.39 0.00	70.09 2.54 0.00	65.97 2.46 0.00	58.00 1.81 0.00	51.54 1.26 0.00
MAPLEWOD_115KV_TB3 80458	31.59 0.98 0.00	29.23 1.05 0.00	28.57 1.08 0.00	31.90 1.28 0.00	31.54 1.24 0.00	30.74 1.20 0.00	28.83 1.05 0.00	29.22 0.94 0.00	27.72 0.69 0.00	33.44 0.69 0.00	39.05 0.81 0.00	41.11 0.79 0.12	43.11 0.80 0.08	43.91 0.73 0.33	44.33 0.73 0.46	45.78 0.81 0.46	50.82 0.85 0.00	55.87 1.05 0.00	59.19 1.05 0.00	68.82 1.19 0.00	68.64 1.09 0.00	64.55 1.05 0.00	57.28 1.08 0.00	51.36 1.08 0.00
MAPLE_RIDGE_WT_1 323574	30.62 0.02 0.00	28.15 -0.03 0.00	27.46 -0.03 0.00	30.59 -0.04 0.00	30.26 -0.03 0.00	29.54 0.00 0.00	27.80 0.01 0.00	28.29 0.01 0.00	27.07 0.04 0.00	32.85 0.09 0.00	38.30 0.06 0.00	40.48 0.04 0.00	42.37 -0.02 0.00	43.45 -0.07 0.00	43.90 -0.16 0.00	45.25 -0.18 0.00	49.85 -0.12 0.00	54.70 -0.12 0.00	58.15 0.01 0.00	67.75 0.13 0.00	67.71 0.16 0.00	63.69 0.19 0.00	56.31 0.11 0.00	50.34 0.06 0.00
MAPLE_RIDGE_WT_2 323611	30.62 0.02 0.00	28.15 -0.03 0.00	27.46 -0.03 0.00	30.59 -0.04 0.00	30.26 -0.03 0.00	29.54 0.00 0.00	27.80 0.01 0.00	28.29 0.01 0.00	27.07 0.04 0.00	32.85 0.09 0.00	38.30 0.06 0.00	40.48 0.04 0.00	42.37 -0.02 0.00	43.45 -0.07 0.00	43.90 -0.16 0.00	45.25 -0.18 0.00	49.85 -0.12 0.00	54.70 -0.12 0.00	58.15 0.01 0.00	67.75 0.13 0.00	67.71 0.16 0.00	63.69 0.19 0.00	56.31 0.11 0.00	50.34 0.06 0.00
MARBLE_RIVER_WT_PWR 323696	30.81 0.20 0.00	28.15 -0.03 0.00	27.38 -0.11 0.00	30.56 -0.07 0.00	30.18 -0.11 0.00	29.50 -0.04 0.00	27.85 0.06 0.00	28.39 0.11 0.00	27.42 0.39 0.00	33.44 0.69 0.00	38.90 0.66 0.00	41.08 0.64 0.00	42.89 0.50 0.00	43.86 0.35 0.00	44.39 0.33 0.00	45.67 0.25 0.00	50.41 0.44 0.00	55.41 0.59 0.00	58.85 0.71 0.00	68.73 1.10 0.00	68.73 1.18 0.00	64.60 1.10 0.00	56.91 0.72 0.00	50.68 0.39 0.00
MARSHVLE_115KV_TB1 80742	32.27 1.67 0.00	29.60 1.42 0.00	28.79 1.30 0.00	31.93 1.30 0.00	31.62 1.32 0.00	30.83 1.29 0.00	28.89 1.09 0.00	28.97 0.69 0.00	27.53 0.50 0.00	33.42 0.66 0.00	39.06 0.81 0.00	41.25 0.88 0.07	43.38 1.04 0.05	44.52 1.20 0.20	45.05 1.27 0.28	46.63 1.48 0.28	51.83 1.86 0.00	56.83 2.01 0.00	61.02 2.88 0.00	71.83 4.20 0.00	72.26 4.71 0.00	67.98 4.48 0.00	59.97 3.77 0.00	53.57 3.29 0.00
MARSH_HILL_WT_PWR 323713	30.47 -0.13 0.00	27.96 -0.22 0.00	26.95 -0.54 0.00	29.82 -0.81 0.00	29.74 -0.55 0.00	29.14 -0.40 0.00	27.19 -0.60 0.00	27.49 -0.79 0.00	26.29 -0.74 0.00	32.09 -0.67 0.00	37.30 -0.94 0.00	39.51 -0.93 0.00	41.42 -0.98 0.00	42.42 -1.10 0.00	43.08 -0.99 0.00	44.26 -1.17 0.00	49.04 -0.93 0.00	54.01 -0.81 0.00	57.97 -0.17 0.00	68.39 0.77 0.00	68.79 1.24 0.00	64.54 0.93 -0.11	57.09 0.86 -0.03	51.34 1.06 0.00
MCINTYRE_115KV_TB2 80467	31.61 1.01 0.00	28.84 0.66 0.00	28.06 0.57 0.00	31.29 0.67 0.00	31.06 0.77 0.00	30.34 0.80 0.00	28.62 0.83 0.00	29.01 0.73 0.00	27.72 0.70 0.00	33.76 1.00 0.00	39.24 1.00 0.00	41.47 1.03 0.00	43.20 0.81 0.00	44.25 0.74 0.00	44.73 0.67 0.00	46.08 0.65 0.00	50.99 1.02 0.00	55.95 1.13 0.00	60.54 2.40 0.00	71.09 3.46 0.00	71.33 3.78 0.00	67.33 3.83 0.00	59.09 2.89 0.00	52.48 2.20 0.00
MECO_____69_KV_BK1 80468	32.59 1.99 0.00	29.94 1.76 0.00	29.14 1.65 0.00	32.39 1.76 0.00	32.05 1.75 0.00	31.23 1.69 0.00	29.26 1.47 0.00	29.29 1.01 0.00	27.54 0.51 0.00	33.17 0.41 0.00	38.62 0.38 0.00	40.70 0.35 0.08	42.70 0.37 0.06	43.78 0.48 0.22	44.39 0.63 0.31	46.06 0.94 0.31	51.58 1.61 0.00	56.79 1.97 0.00	61.34 3.20 0.00	72.43 4.81 0.00	72.94 5.39 0.00	68.57 5.07 0.00	60.51 4.31 0.00	54.02 3.74 0.00
MENANDS___115KV_TB5 355628	31.41 0.81 0.00	29.08 0.90 0.00	28.45 0.96 0.00	31.78 1.16 0.00	31.42 1.12 0.00	30.60 1.07 0.00	28.72 0.93 0.00	29.11 0.83 0.00	27.63 0.60 0.00	33.33 0.57 0.00	38.92 0.68 0.00	40.96 0.64 0.12	42.94 0.63 0.08	43.70 0.51 0.33	44.06 0.46 0.46	45.50 0.53 0.46	50.47 0.50 0.00	55.43 0.61 0.00	58.67 0.52 0.00	68.17 0.54 0.00	67.99 0.45 0.00	63.96 0.46 0.00	56.77 0.57 0.00	50.94 0.65 0.00
MG INDUSTRY___DRP 24185	30.83 0.23 0.00	28.91 0.73 0.00	28.34 0.85 0.00	31.67 1.05 0.00	31.35 1.06 0.00	30.56 1.02 0.00	28.67 0.88 0.00	29.03 0.75 0.00	27.50 0.47 0.00	33.19 0.43 0.00	38.77 0.53 0.00	40.88 0.50 0.06	42.84 0.49 0.05	43.69 0.36 0.18	44.14 0.33 0.25	45.59 0.41 0.25	50.30 0.33 0.00	55.26 0.44 0.00	58.55 0.41 0.00	68.15 0.52 0.00	68.07 0.52 0.00	64.02 0.52 0.00	56.79 0.60 0.00	50.96 0.68 0.00

MID___OSWEGATCHIE_HYD 23849	31.43 0.82 0.00	28.76 0.58 0.00	27.97 0.48 0.00	31.17 0.55 0.00	30.90 0.61 0.00	30.16 0.62 0.00	28.38 0.59 0.00	28.77 0.49 0.00	27.42 0.39 0.00	33.27 0.51 0.00	38.72 0.48 0.00	40.87 0.43 0.00	42.77 0.37 0.00	43.83 0.32 0.00	44.28 0.21 0.00	45.64 0.21 0.00	50.72 0.75 0.00	55.85 1.03 0.00	60.00 1.85 0.00	70.65 3.03 0.00	70.84 3.29 0.00	66.94 3.27 -0.16	58.79 2.55 -0.04	52.23 1.95 0.00
MID___RAQUETTE_HYD 23851	31.11 0.51 0.00	28.41 0.23 0.00	27.65 0.16 0.00	30.83 0.21 0.00	30.64 0.34 0.00	29.93 0.39 0.00	28.23 0.44 0.00	28.70 0.42 0.00	27.57 0.54 0.00	33.61 0.85 0.00	39.09 0.84 0.00	41.26 0.82 0.00	43.08 0.68 0.00	44.12 0.61 0.00	44.59 0.53 0.00	45.93 0.50 0.00	50.83 0.86 0.00	55.74 0.92 0.00	59.70 1.56 0.00	69.94 2.31 0.00	70.13 2.58 0.00	66.23 2.65 -0.08	58.12 1.91 -0.02	51.64 1.36 0.00
MILLIKEN___1 23584	31.06 0.46 0.00	28.58 0.40 0.00	27.82 0.33 0.00	30.94 0.31 0.00	30.61 0.32 0.00	29.83 0.29 0.00	27.99 0.20 0.00	28.40 0.12 0.00	26.97 -0.06 0.00	32.65 -0.11 0.00	38.08 -0.16 0.00	40.31 -0.13 0.00	42.27 -0.13 0.00	43.52 0.01 0.00	44.19 0.12 0.00	45.57 0.14 0.00	50.36 0.39 0.00	55.46 0.64 0.00	59.27 1.12 0.00	69.33 1.70 0.00	69.32 1.77 0.00	65.37 1.52 -0.34	57.58 1.29 -0.09	51.48 1.20 0.00
MILLIKEN___2 23585	31.06 0.46 0.00	28.58 0.40 0.00	27.82 0.33 0.00	30.94 0.31 0.00	30.61 0.32 0.00	29.83 0.29 0.00	27.99 0.20 0.00	28.40 0.12 0.00	26.97 -0.06 0.00	32.65 -0.11 0.00	38.08 -0.16 0.00	40.31 -0.13 0.00	42.27 -0.13 0.00	43.52 0.01 0.00	44.19 0.12 0.00	45.57 0.14 0.00	50.36 0.39 0.00	55.46 0.64 0.00	59.27 1.12 0.00	69.33 1.70 0.00	69.32 1.77 0.00	65.37 1.52 -0.34	57.58 1.29 -0.09	51.48 1.20 0.00
MILLIKEN___DIESEL 23629	31.06 0.46 0.00	28.58 0.40 0.00	27.82 0.33 0.00	30.94 0.31 0.00	30.61 0.32 0.00	29.83 0.29 0.00	27.99 0.20 0.00	28.40 0.12 0.00	26.97 -0.06 0.00	32.65 -0.11 0.00	38.08 -0.16 0.00	40.31 -0.13 0.00	42.27 -0.13 0.00	43.52 0.01 0.00	44.19 0.12 0.00	45.57 0.14 0.00	50.36 0.39 0.00	55.46 0.64 0.00	59.27 1.12 0.00	69.33 1.70 0.00	69.32 1.77 0.00	65.37 1.52 -0.34	57.58 1.29 -0.09	51.48 1.20 0.00
MILLSEAT___LFGE 323607	29.54 -1.07 0.00	27.25 -0.93 0.00	26.53 -0.96 0.00	29.32 -1.30 0.00	29.16 -1.14 0.00	28.44 -1.10 0.00	26.67 -1.12 0.00	27.17 -1.11 0.00	26.22 -0.81 0.00	31.96 -0.79 0.00	36.83 -1.42 0.00	38.86 -1.58 0.00	40.63 -1.77 0.00	41.70 -1.81 0.00	42.32 -1.74 0.00	43.88 -1.55 0.00	48.82 -1.15 0.00	53.89 -0.93 0.00	57.96 -0.18 0.00	67.73 0.11 0.00	67.62 0.07 0.00	63.33 -0.17 0.00	56.19 -0.01 0.00	50.74 0.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.34 1.74 0.00	29.91 1.72 0.00	29.22 1.72 0.00	32.37 1.74 0.00	31.92 1.63 0.00	31.06 1.52 0.00	29.14 1.35 0.00	29.60 1.32 0.00	28.25 1.22 0.00	34.19 1.44 0.00	40.27 2.03 0.00	42.87 2.29 -0.13	45.04 2.55 -0.10	46.58 2.70 -0.37	47.34 2.75 -0.52	48.56 2.61 -0.52	52.31 2.34 0.00	57.03 2.21 0.00	59.84 1.70 0.00	69.14 1.51 0.00	68.88 1.33 0.00	64.79 1.29 0.00	57.78 1.59 0.00	52.09 1.81 0.00
MILLWOOD_13_KV_LOAD 356217	32.38 1.79 0.00	29.94 1.76 0.00	29.26 1.77 0.00	32.42 1.79 0.00	31.95 1.66 0.00	31.10 1.56 0.00	29.18 1.39 0.00	29.64 1.36 0.00	28.30 1.27 0.00	34.23 1.47 0.00	40.33 2.09 0.00	42.93 2.36 -0.13	45.12 2.63 -0.10	46.67 2.79 -0.37	47.43 2.85 -0.52	48.67 2.72 -0.52	52.42 2.46 0.00	57.17 2.35 0.00	59.99 1.85 0.00	69.31 1.69 0.00	69.06 1.51 0.00	64.94 1.44 0.00	57.90 1.71 0.00	52.19 1.91 0.00
MODEL_CITY_ENERGY 24167	28.59 -2.01 0.00	26.42 -1.76 0.00	25.73 -1.76 0.00	28.43 -2.20 0.00	28.31 -1.98 0.00	27.61 -1.93 0.00	25.89 -1.91 0.00	26.44 -1.83 0.00	25.66 -1.37 0.00	31.32 -1.44 0.00	36.03 -2.22 0.00	38.04 -2.40 0.00	39.70 -2.69 0.00	40.67 -2.85 0.00	41.19 -2.87 0.00	42.66 -2.77 0.00	47.40 -2.57 0.00	52.17 -2.65 0.00	55.87 -2.27 0.00	65.08 -2.54 0.00	64.97 -2.58 0.00	60.89 -2.62 0.00	54.21 -1.98 0.00	49.20 -1.09 0.00
MODERN_LFGE___ 323580	28.59 -2.01 0.00	26.42 -1.76 0.00	25.73 -1.76 0.00	28.43 -2.20 0.00	28.31 -1.98 0.00	27.61 -1.93 0.00	25.89 -1.91 0.00	26.44 -1.83 0.00	25.66 -1.37 0.00	31.32 -1.44 0.00	36.03 -2.22 0.00	38.04 -2.40 0.00	39.70 -2.69 0.00	40.67 -2.85 0.00	41.19 -2.87 0.00	42.66 -2.77 0.00	47.40 -2.57 0.00	52.17 -2.65 0.00	55.87 -2.27 0.00	65.08 -2.54 0.00	64.97 -2.58 0.00	60.89 -2.62 0.00	54.21 -1.98 0.00	49.20 -1.09 0.00
MOHAWK_PAPER___DRP 24187	31.59 0.98 0.00	29.23 1.05 0.00	28.57 1.08 0.00	31.90 1.28 0.00	31.54 1.24 0.00	30.74 1.20 0.00	28.83 1.05 0.00	29.22 0.94 0.00	27.72 0.69 0.00	33.44 0.69 0.00	39.05 0.81 0.00	41.11 0.79 0.12	43.11 0.80 0.08	43.91 0.73 0.33	44.33 0.73 0.46	45.78 0.81 0.46	50.82 0.85 0.00	55.87 1.05 0.00	59.19 1.05 0.00	68.82 1.19 0.00	68.64 1.09 0.00	64.55 1.05 0.00	57.28 1.08 0.00	51.36 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	32.25 1.65 0.00	29.86 1.69 0.00	29.19 1.70 0.00	32.63 2.00 0.00	32.12 1.83 0.00	31.35 1.81 0.00	29.43 1.64 0.00	29.72 1.45 0.00	28.03 1.00 0.00	33.71 0.95 0.00	39.11 0.86 0.00	41.23 0.91 0.12	43.19 0.88 0.09	44.25 1.07 0.33	44.65 1.05 0.47	46.27 1.31 0.47	51.63 1.67 0.00	57.45 2.63 0.00	61.45 3.31 0.00	71.76 4.13 0.00	71.70 4.15 0.00	67.27 3.77 0.00	59.55 3.36 0.00	53.12 2.84 0.00
MONGAUP___HYD 23641	32.33 1.73 0.00	29.80 1.62 0.00	29.08 1.59 0.00	32.26 1.64 0.00	31.83 1.54 0.00	31.00 1.46 0.00	29.08 1.30 0.00	29.46 1.19 0.00	27.95 0.93 0.00	33.74 0.98 0.00	39.47 1.23 0.00	41.92 1.37 -0.11	44.03 1.56 -0.08	45.78 1.96 -0.31	46.57 2.07 -0.44	48.01 2.15 -0.43	52.15 2.19 0.00	57.06 2.24 0.00	60.18 2.03 0.00	69.73 2.10 0.00	69.66 2.11 0.00	65.82 2.32 0.00	58.44 2.25 0.00	52.50 2.22 0.00
MONTAUK___DIESEL 23721	33.44 2.84 0.00	31.20 3.02 0.00	30.39 2.90 0.00	33.65 3.03 0.00	33.05 2.76 0.00	32.09 2.55 0.00	30.30 2.50 0.00	30.34 2.06 0.00	28.84 2.16 0.35	35.91 3.15 0.00	43.35 5.11 0.00	45.94 5.36 -0.14	48.21 5.77 -0.05	49.69 5.78 -0.40	50.50 5.91 -0.52	48.59 5.19 2.03	52.38 4.40 1.98	57.32 4.82 2.32	62.09 3.95 0.00	55.64 3.61 15.60	37.53 3.26 33.27	46.36 3.17 20.31	41.04 2.61 17.77	37.75 2.21 14.74
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.20 -0.40 0.00	27.76 -0.42 0.00	27.04 -0.45 0.00	29.99 -0.63 0.00	29.68 -0.61 0.00	28.97 -0.57 0.00	27.21 -0.59 0.00	27.78 -0.50 0.00	26.79 -0.24 0.00	32.81 0.05 0.00	38.14 -0.11 0.00	40.48 0.04 0.00	42.19 -0.20 0.00	43.32 -0.20 0.00	43.95 -0.11 0.00	45.31 -0.11 0.00	50.25 0.28 0.00	55.27 0.45 0.00	59.01 0.86 0.00	68.95 1.32 0.00	68.71 1.16 0.00	64.40 0.90 0.00	56.91 0.71 0.00	51.15 0.87 0.00

MORRIS_RIDGE___SOLAR 323848	29.93 -0.68 0.00	27.53 -0.65 0.00	26.66 -0.83 0.00	29.49 -1.14 0.00	29.30 -0.99 0.00	28.63 -0.91 0.00	26.78 -1.01 0.00	27.10 -1.18 0.00	25.84 -1.19 0.00	31.54 -1.22 0.00	36.65 -1.60 0.00	38.82 -1.62 0.00	40.62 -1.78 0.00	41.64 -1.87 0.00	42.24 -1.82 0.00	43.46 -1.97 0.00	48.12 -1.85 0.00	52.91 -1.91 0.00	56.80 -1.34 0.00	66.92 -0.70 0.00	67.27 -0.28 0.00	63.13 -0.46 -0.08	56.00 -0.22 -0.02	50.49 0.21 0.00
MORTIMER_115KV_TB3 55949	29.83 -0.77 0.00	27.51 -0.67 0.00	26.80 -0.69 0.00	29.70 -0.93 0.00	29.47 -0.83 0.00	28.73 -0.81 0.00	26.97 -0.82 0.00	27.45 -0.83 0.00	26.38 -0.64 0.00	32.20 -0.56 0.00	37.35 -0.89 0.00	39.53 -0.91 0.00	41.41 -0.98 0.00	42.54 -0.97 0.00	43.13 -0.93 0.00	44.69 -0.74 0.00	49.50 -0.47 0.00	54.54 -0.28 0.00	58.21 0.06 0.00	67.67 0.04 0.00	67.48 -0.07 0.00	63.26 -0.24 0.00	56.01 -0.19 0.00	50.34 0.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.63 2.02 0.00	30.16 1.98 0.00	29.46 1.97 0.00	32.60 1.97 0.00	32.13 1.84 0.00	31.26 1.72 0.00	29.34 1.55 0.00	29.82 1.54 0.00	28.50 1.47 0.00	34.49 1.73 0.00	40.66 2.42 0.00	43.30 2.72 -0.14	45.51 3.02 -0.10	47.07 3.19 -0.37	47.81 3.22 -0.53	49.03 3.08 -0.52	52.74 2.77 0.00	57.41 2.59 0.00	60.18 2.04 0.00	69.46 1.83 0.00	69.17 1.63 0.00	65.09 1.59 0.00	58.12 1.92 0.00	52.47 2.19 0.00
MUNSVILLE_WIND_PWR 323609	32.75 2.15 0.00	30.06 1.88 0.00	29.24 1.75 0.00	32.48 1.85 0.00	32.12 1.83 0.00	31.21 1.67 0.00	29.10 1.31 0.00	29.45 1.18 0.00	27.86 0.84 0.00	33.99 1.23 0.00	39.95 1.71 0.00	42.28 1.84 0.00	44.22 1.83 0.00	45.43 1.92 0.00	46.07 2.01 0.00	47.52 2.09 0.00	52.66 2.69 0.00	58.16 3.34 0.00	62.32 4.18 0.00	73.25 5.62 0.00	73.25 5.70 0.00	68.35 4.63 -0.22	59.97 3.71 -0.06	53.53 3.25 0.00
N SALMON___HYD 24042	31.15 0.55 0.00	28.41 0.23 0.00	27.63 0.14 0.00	30.84 0.21 0.00	30.51 0.22 0.00	29.83 0.29 0.00	28.16 0.37 0.00	28.68 0.40 0.00	27.67 0.64 0.00	33.76 1.00 0.00	39.25 1.01 0.00	41.48 1.04 0.00	43.27 0.88 0.00	44.30 0.79 0.00	44.83 0.77 0.00	46.12 0.69 0.00	51.00 1.03 0.00	56.09 1.27 0.00	59.78 1.64 0.00	70.02 2.39 0.00	70.09 2.54 0.00	65.97 2.46 0.00	58.00 1.81 0.00	51.54 1.26 0.00
N.AKRON___115KV_KNAPP 355671	29.35 -1.25 0.00	27.10 -1.08 0.00	26.39 -1.10 0.00	29.15 -1.48 0.00	28.99 -1.30 0.00	28.29 -1.25 0.00	26.53 -1.26 0.00	27.03 -1.24 0.00	26.13 -0.89 0.00	31.89 -0.87 0.00	36.72 -1.53 0.00	38.78 -1.66 0.00	40.52 -1.88 0.00	41.56 -1.96 0.00	42.19 -1.87 0.00	43.72 -1.71 0.00	48.60 -1.36 0.00	53.59 -1.23 0.00	57.59 -0.55 0.00	67.15 -0.48 0.00	67.06 -0.48 0.00	62.85 -0.65 0.00	55.80 -0.40 0.00	50.43 0.15 0.00
N.E_GEN_SANDY PD 24062	30.24 1.11 1.47	29.60 1.20 -0.22	28.14 1.24 0.59	32.47 1.45 -0.39	31.66 1.37 0.00	30.86 1.32 0.00	28.95 1.16 0.00	29.58 1.05 -0.25	27.82 0.80 0.00	33.55 0.79 0.00	39.20 0.95 0.00	40.48 0.92 0.89	42.78 1.02 0.63	42.13 1.06 2.44	41.61 1.01 3.46	42.97 0.96 3.42	50.90 0.82 -0.11	55.78 0.96 0.00	58.91 0.77 0.00	68.37 0.74 0.00	68.12 0.58 0.00	64.13 0.63 0.00	57.03 0.85 0.02	49.13 0.99 2.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.43 1.83 0.00	29.98 1.80 0.00	29.30 1.80 0.00	32.46 1.83 0.00	31.99 1.70 0.00	31.13 1.59 0.00	29.21 1.41 0.00	29.66 1.38 0.00	28.33 1.31 0.00	34.29 1.53 0.00	40.38 2.13 0.00	43.01 2.44 -0.13	45.21 2.73 -0.09	46.79 2.93 -0.35	47.55 3.00 -0.49	48.77 2.86 -0.49	52.56 2.59 0.00	57.27 2.45 0.00	60.07 1.93 0.00	69.42 1.79 0.00	69.10 1.55 0.00	64.85 1.34 0.00	57.82 1.63 0.00	52.10 1.82 0.00
N.QUEENS_27_KV_LOAD 356247	32.75 2.14 0.00	30.23 2.05 0.00	29.55 2.06 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.34 1.80 0.00	29.40 1.61 0.00	29.92 1.64 0.00	28.58 1.55 0.00	34.56 1.81 0.00	40.65 2.41 0.00	43.36 2.78 -0.14	45.58 3.10 -0.10	47.14 3.26 -0.37	47.93 3.34 -0.53	49.19 3.24 -0.52	52.85 2.89 0.00	57.35 2.53 0.00	60.33 2.19 0.00	69.41 1.79 0.00	69.07 1.52 0.00	65.08 1.58 0.00	58.32 2.12 0.00	52.70 2.41 0.00
N.TROY___115KV_TB1 355778	31.68 1.08 0.00	29.33 1.15 0.00	28.66 1.17 0.00	32.07 1.44 0.00	31.66 1.37 0.00	30.86 1.32 0.00	28.96 1.17 0.00	29.33 1.05 0.00	27.77 0.74 0.00	33.47 0.71 0.00	39.01 0.76 0.00	40.99 0.71 0.16	43.01 0.74 0.11	43.83 0.76 0.44	44.15 0.71 0.62	45.60 0.79 0.62	50.79 0.82 0.00	55.99 1.17 0.00	59.38 1.24 0.00	69.08 1.46 0.00	68.92 1.37 0.00	64.84 1.34 0.00	57.55 1.36 0.00	51.61 1.33 0.00
NARROWS_GT1_1 24228	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT1_2 24229	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT1_3 24230	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT1_4 24231	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT1_5 24232	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00

NARROWS_GT1_6 24233	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT1_7 24234	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT1_8 24235	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT2_1 24236	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT2_2 24237	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT2_3 24238	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT2_4 24239	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT2_5 24240	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT2_6 24241	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT2_7 24242	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NARROWS_GT2_8 24243	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.19 2.05 0.00	69.32 1.70 0.00	69.03 1.48 0.00	65.08 1.58 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.67 1.07 0.00	29.37 1.19 0.00	28.76 1.27 0.00	32.15 1.53 0.00	31.80 1.51 0.00	31.01 1.47 0.00	29.09 1.31 0.00	29.47 1.20 0.00	27.88 0.85 0.00	33.56 0.80 0.00	39.14 0.90 0.00	41.31 0.91 0.05	43.19 0.83 0.03	44.13 0.75 0.12	44.60 0.71 0.18	46.23 0.97 0.17	51.03 1.07 0.00	56.16 1.34 0.00	59.86 1.72 0.00	69.86 2.23 0.00	69.86 2.31 0.00	65.67 2.17 0.00	58.12 1.92 0.00	52.00 1.72 0.00
NCHELSEA_115KV_TR2 355582	32.42 1.81 0.00	29.94 1.76 0.00	29.24 1.75 0.00	32.44 1.81 0.00	31.98 1.69 0.00	31.15 1.61 0.00	29.23 1.44 0.00	29.69 1.41 0.00	28.30 1.28 0.00	34.26 1.50 0.00	40.27 2.03 0.00	42.85 2.30 -0.11	45.05 2.58 -0.08	46.58 2.77 -0.30	47.35 2.86 -0.42	48.66 2.81 -0.42	52.74 2.77 0.00	57.63 2.80 0.00	60.56 2.41 0.00	70.05 2.42 0.00	69.79 2.25 0.00	65.58 2.08 0.00	58.36 2.17 0.00	52.50 2.22 0.00
NEG CAPITAL____MECHNVIL 23645	32.12 1.52 0.00	29.68 1.50 0.00	28.98 1.49 0.00	32.40 1.78 0.00	31.97 1.68 0.00	31.16 1.62 0.00	29.25 1.46 0.00	29.60 1.33 0.00	28.02 0.99 0.00	33.76 1.01 0.00	39.36 1.11 0.00	41.45 1.14 0.14	43.51 1.21 0.10	44.44 1.31 0.38	44.86 1.33 0.53	46.42 1.52 0.53	51.72 1.75 0.00	57.15 2.33 0.00	60.84 2.70 0.00	70.86 3.23 0.00	70.71 3.16 0.00	66.39 2.89 0.00	58.86 2.66 0.00	52.66 2.38 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.58 -1.02 0.00	27.25 -0.92 0.00	26.55 -0.94 0.00	29.45 -1.18 0.00	29.21 -1.08 0.00	28.49 -1.04 0.00	26.74 -1.06 0.00	27.22 -1.06 0.00	26.09 -0.93 0.00	31.78 -0.97 0.00	36.91 -1.34 0.00	39.06 -1.38 0.00	40.95 -1.44 0.00	42.10 -1.42 0.00	42.72 -1.34 0.00	44.28 -1.15 0.00	49.07 -0.90 0.00	54.07 -0.75 0.00	57.78 -0.36 0.00	67.19 -0.44 0.00	66.94 -0.61 0.00	62.83 -0.81 -0.13	55.49 -0.74 -0.04	49.78 -0.50 0.00



NEG CENTRAL___DRP 24199	30.54 -0.06 0.00	28.11 -0.07 0.00	27.35 -0.15 0.00	30.38 -0.24 0.00	30.09 -0.20 0.00	29.35 -0.19 0.00	27.54 -0.25 0.00	27.96 -0.32 0.00	26.62 -0.40 0.00	32.28 -0.48 0.00	37.60 -0.64 0.00	39.85 -0.59 0.00	41.79 -0.60 0.00	42.97 -0.54 0.00	43.62 -0.44 0.00	45.08 -0.35 0.00	49.84 -0.13 0.00	54.91 0.09 0.00	58.69 0.55 0.00	68.63 1.00 0.00	68.52 0.97 0.00	64.53 0.69 -0.33	56.84 0.56 -0.09	50.88 0.60 0.00
NEG CENTRAL___INDECK 23768	30.97 0.37 0.00	28.48 0.30 0.00	27.62 0.13 0.00	30.55 -0.07 0.00	30.34 0.05 0.00	29.64 0.10 0.00	27.76 -0.03 0.00	28.06 -0.22 0.00	26.63 -0.40 0.00	32.52 -0.23 0.00	37.78 -0.46 0.00	40.05 -0.39 0.00	41.96 -0.44 0.00	42.99 -0.52 0.00	43.40 -0.66 0.00	44.19 -1.24 0.00	48.64 -1.33 0.00	53.64 -1.18 0.00	57.49 -0.65 0.00	67.90 0.28 0.00	68.67 1.13 0.00	64.39 0.89 0.00	56.95 0.75 0.00	52.31 2.03 0.00
NEG CENTRAL___SENECA 23627	30.61 0.01 0.00	28.16 -0.02 0.00	27.37 -0.12 0.00	30.40 -0.23 0.00	30.11 -0.18 0.00	29.38 -0.16 0.00	27.54 -0.25 0.00	27.97 -0.30 0.00	26.65 -0.38 0.00	32.33 -0.43 0.00	37.64 -0.60 0.00	39.90 -0.54 0.00	41.84 -0.55 0.00	43.02 -0.49 0.00	43.63 -0.43 0.00	45.07 -0.36 0.00	49.90 -0.06 0.00	54.98 0.16 0.00	58.87 0.73 0.00	68.93 1.30 0.00	68.84 1.30 0.00	64.63 0.95 -0.18	57.00 0.76 -0.05	51.10 0.82 0.00
NEG CENTRAL___STATE_STREET 24147	30.77 0.17 0.00	28.31 0.13 0.00	27.57 0.08 0.00	30.66 0.03 0.00	30.35 0.06 0.00	29.58 0.04 0.00	27.78 -0.01 0.00	28.21 -0.07 0.00	26.83 -0.20 0.00	32.48 -0.28 0.00	37.81 -0.44 0.00	40.06 -0.38 0.00	41.99 -0.41 0.00	43.20 -0.31 0.00	43.96 -0.10 0.00	45.43 0.00 0.00	50.20 0.23 0.00	55.24 0.42 0.00	58.99 0.85 0.00	68.88 1.25 0.00	68.59 1.04 0.00	64.91 0.94 -0.47	57.15 0.84 -0.12	51.08 0.80 0.00
NEG MILLWOOD___DRP 24198	32.49 1.88 0.00	30.01 1.83 0.00	29.30 1.80 0.00	32.48 1.85 0.00	32.04 1.75 0.00	31.18 1.64 0.00	29.27 1.48 0.00	29.74 1.46 0.00	28.38 1.35 0.00	34.36 1.60 0.00	40.44 2.19 0.00	43.04 2.48 -0.12	45.26 2.78 -0.09	46.83 2.99 -0.33	47.63 3.09 -0.47	48.90 3.01 -0.46	52.93 2.96 0.00	57.79 2.97 0.00	60.70 2.55 0.00	70.14 2.51 0.00	69.87 2.32 0.00	65.68 2.17 0.00	58.46 2.26 0.00	52.60 2.32 0.00
NEG NORTH_FLCN_SEA 23793	31.17 0.57 0.00	28.51 0.33 0.00	27.69 0.20 0.00	30.94 0.31 0.00	30.53 0.24 0.00	29.84 0.30 0.00	28.14 0.35 0.00	28.64 0.36 0.00	27.66 0.63 0.00	33.73 0.98 0.00	39.25 1.00 0.00	41.41 0.97 0.00	43.15 0.76 0.00	44.01 0.50 0.00	44.50 0.44 0.00	45.65 0.22 0.00	50.41 0.44 0.00	55.53 0.71 0.00	58.93 0.78 0.00	68.94 1.31 0.00	68.89 1.34 0.00	64.68 1.18 0.00	56.98 0.79 0.00	50.75 0.47 0.00
NEG NORTH_KES_CHATEGAY 23792	30.83 0.23 0.00	28.15 -0.04 0.00	27.36 -0.13 0.00	30.56 -0.07 0.00	30.19 -0.10 0.00	29.51 -0.03 0.00	27.86 0.07 0.00	28.37 0.09 0.00	27.42 0.39 0.00	33.44 0.68 0.00	38.89 0.65 0.00	41.06 0.62 0.00	42.88 0.49 0.00	43.85 0.34 0.00	44.39 0.33 0.00	45.68 0.25 0.00	50.43 0.46 0.00	55.40 0.58 0.00	58.87 0.72 0.00	68.83 1.21 0.00	68.94 1.39 0.00	64.84 1.33 0.00	57.10 0.90 0.00	50.79 0.51 0.00
NEG NORTH___ALICE_FALLS 23915	31.25 0.65 0.00	28.56 0.38 0.00	27.74 0.25 0.00	30.98 0.36 0.00	30.58 0.29 0.00	29.90 0.36 0.00	28.20 0.41 0.00	28.67 0.40 0.00	27.68 0.65 0.00	33.76 1.00 0.00	39.28 1.04 0.00	41.45 1.01 0.00	43.25 0.86 0.00	44.15 0.64 0.00	44.73 0.66 0.00	45.90 0.47 0.00	50.71 0.75 0.00	55.87 1.05 0.00	59.39 1.25 0.00	69.53 1.90 0.00	69.53 1.98 0.00	65.32 1.81 0.00	57.52 1.33 0.00	51.20 0.92 0.00
NEG NORTH___LWR_SARANAC 23913	31.25 0.65 0.00	28.56 0.38 0.00	27.74 0.25 0.00	30.98 0.36 0.00	30.58 0.29 0.00	29.90 0.36 0.00	28.20 0.41 0.00	28.67 0.40 0.00	27.68 0.65 0.00	33.76 1.00 0.00	39.28 1.04 0.00	41.45 1.01 0.00	43.25 0.86 0.00	44.15 0.64 0.00	44.73 0.66 0.00	45.90 0.47 0.00	50.71 0.75 0.00	55.87 1.05 0.00	59.39 1.25 0.00	69.53 1.90 0.00	69.53 1.98 0.00	65.32 1.81 0.00	57.52 1.33 0.00	51.20 0.92 0.00
NEG NORTH___PLATTSBURG 23628	31.25 0.65 0.00	28.56 0.38 0.00	27.74 0.25 0.00	30.98 0.36 0.00	30.58 0.29 0.00	29.90 0.36 0.00	28.20 0.41 0.00	28.67 0.40 0.00	27.68 0.65 0.00	33.76 1.00 0.00	39.28 1.04 0.00	41.45 1.01 0.00	43.25 0.86 0.00	44.15 0.64 0.00	44.73 0.66 0.00	45.90 0.47 0.00	50.71 0.74 0.00	55.87 1.05 0.00	59.39 1.25 0.00	69.53 1.90 0.00	69.53 1.98 0.00	65.32 1.82 0.00	57.52 1.33 0.00	51.20 0.92 0.00
NEG WEST_LEA_LOCKPORT 23791	28.87 -1.74 0.00	26.69 -1.49 0.00	26.00 -1.49 0.00	28.72 -1.91 0.00	28.58 -1.71 0.00	27.88 -1.66 0.00	26.15 -1.65 0.00	26.67 -1.61 0.00	25.85 -1.18 0.00	31.60 -1.16 0.00	36.37 -1.87 0.00	38.41 -2.03 0.00	40.10 -2.29 0.00	41.09 -2.42 0.00	41.64 -2.43 0.00	43.12 -2.31 0.00	47.90 -2.06 0.00	52.73 -2.09 0.00	56.49 -1.65 0.00	65.78 -1.84 0.00	65.68 -1.87 0.00	61.62 -1.89 0.00	54.78 -1.42 0.00	49.60 -0.68 0.00
NEG WEST___LANCASTR 23811	29.33 -1.28 0.00	27.05 -1.13 0.00	26.34 -1.15 0.00	29.15 -1.48 0.00	28.91 -1.38 0.00	28.22 -1.32 0.00	26.45 -1.34 0.00	26.96 -1.31 0.00	26.02 -1.01 0.00	31.85 -0.91 0.00	36.92 -1.32 0.00	39.06 -1.39 0.00	40.78 -1.62 0.00	41.82 -1.69 0.00	42.43 -1.64 0.00	43.78 -1.65 0.00	48.53 -1.44 0.00	53.34 -1.48 0.00	56.91 -1.24 0.00	66.28 -1.34 0.00	66.13 -1.42 0.00	62.01 -1.49 0.00	55.07 -1.13 0.00	49.66 -0.62 0.00
NEG_PENN_ALLEGHNY 23528	30.81 0.20 0.00	28.38 0.20 0.00	27.63 0.14 0.00	30.74 0.11 0.00	30.40 0.11 0.00	29.64 0.10 0.00	27.78 -0.01 0.00	28.22 -0.06 0.00	26.86 -0.17 0.00	32.63 -0.13 0.00	38.19 -0.05 0.00	40.51 0.07 0.00	42.48 0.09 0.00	43.61 0.10 0.00	44.26 0.20 0.00	45.54 0.11 0.00	50.16 0.19 0.00	55.09 0.27 0.00	58.51 0.36 0.00	68.13 0.50 0.00	68.03 0.48 0.00	64.00 0.29 -0.20	56.60 0.35 -0.05	50.80 0.51 0.00
NEG___GEN_MONROE 24207	29.96 -0.64 0.00	27.63 -0.55 0.00	26.90 -0.59 0.00	29.79 -0.83 0.00	29.57 -0.72 0.00	28.84 -0.70 0.00	27.06 -0.73 0.00	27.53 -0.75 0.00	26.44 -0.58 0.00	32.24 -0.51 0.00	37.36 -0.89 0.00	39.53 -0.91 0.00	41.40 -0.99 0.00	42.54 -0.97 0.00	43.16 -0.91 0.00	44.75 -0.68 0.00	49.61 -0.36 0.00	54.74 -0.08 0.00	58.53 0.39 0.00	68.22 0.59 0.00	68.06 0.51 0.00	63.77 0.27 0.00	56.46 0.27 0.00	50.75 0.47 0.00
NEPA___ENERGY 23901	29.89 -0.72 0.00	27.51 -0.67 0.00	26.75 -0.74 0.00	29.69 -0.94 0.00	29.38 -0.91 0.00	28.66 -0.88 0.00	26.84 -0.95 0.00	27.32 -0.95 0.00	26.26 -0.77 0.00	32.12 -0.64 0.00	37.43 -0.81 0.00	39.78 -0.66 0.00	41.54 -0.85 0.00	42.60 -0.91 0.00	43.26 -0.80 0.00	44.41 -1.02 0.00	49.11 -0.86 0.00	53.92 -0.90 0.00	57.37 -0.78 0.00	66.93 -0.70 0.00	66.73 -0.82 0.00	62.55 -0.95 0.00	55.59 -0.61 0.00	50.19 -0.09 0.00

NEVERSINK___HYD 23608	31.61 1.00 0.00	29.14 0.96 0.00	28.42 0.93 0.00	31.52 0.89 0.00	31.10 0.81 0.00	30.28 0.74 0.00	28.41 0.62 0.00	28.86 0.58 0.00	27.52 0.49 0.00	33.28 0.52 0.00	39.06 0.81 0.00	41.51 0.99 -0.09	43.68 1.22 -0.06	45.26 1.51 -0.24	45.96 1.57 -0.33	47.42 1.66 -0.33	51.62 1.65 0.00	56.41 1.60 0.00	59.30 1.16 0.00	68.59 0.97 0.00	68.40 0.86 0.00	64.25 0.75 0.00	57.14 0.94 0.00	51.38 1.10 0.00
NEWKRMKL_115KV_TB1 55635	31.32 0.71 0.00	28.99 0.81 0.00	28.36 0.87 0.00	31.66 1.04 0.00	31.31 1.01 0.00	30.51 0.97 0.00	28.62 0.83 0.00	29.02 0.75 0.00	27.54 0.52 0.00	33.24 0.48 0.00	38.84 0.59 0.00	40.91 0.57 0.11	42.84 0.52 0.07	43.56 0.34 0.29	43.96 0.30 0.41	45.40 0.38 0.41	50.33 0.36 0.00	55.25 0.43 0.00	58.47 0.33 0.00	67.94 0.32 0.00	67.78 0.23 0.00	63.74 0.24 0.00	56.56 0.36 0.00	50.73 0.45 0.00
NEWTON___FALLS_HYD 23847	31.43 0.82 0.00	28.76 0.58 0.00	27.97 0.48 0.00	31.17 0.55 0.00	30.90 0.61 0.00	30.16 0.62 0.00	28.38 0.59 0.00	28.77 0.49 0.00	27.42 0.39 0.00	33.27 0.51 0.00	38.72 0.48 0.00	40.87 0.43 0.00	42.77 0.37 0.00	43.83 0.32 0.00	44.28 0.21 0.00	45.64 0.21 0.00	50.72 0.75 0.00	55.85 1.03 0.00	60.00 1.85 0.00	70.65 3.03 0.00	70.84 3.29 0.00	66.94 3.27 -0.16	58.79 2.55 -0.04	52.23 1.95 0.00
NGRID_A1_DSASP 323792	28.48 -2.12 0.00	26.32 -1.86 0.00	25.64 -1.85 0.00	28.33 -2.30 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.82 -1.97 0.00	26.37 -1.91 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.01 -2.24 0.00	38.00 -2.44 0.00	39.65 -2.74 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.52 -2.90 0.00	47.25 -2.72 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.65 -2.97 0.00	64.53 -3.01 0.00	60.49 -3.01 0.00	53.87 -2.33 0.00	48.74 -1.54 0.00
NGRID_A2_DSASP 323793	28.48 -2.12 0.00	26.32 -1.86 0.00	25.64 -1.85 0.00	28.33 -2.30 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.82 -1.97 0.00	26.37 -1.91 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.01 -2.24 0.00	38.00 -2.44 0.00	39.65 -2.74 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.52 -2.90 0.00	47.25 -2.72 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.65 -2.97 0.00	64.53 -3.01 0.00	60.49 -3.01 0.00	53.87 -2.33 0.00	48.74 -1.54 0.00
NGRID_A4_DSASP 323807	28.48 -2.12 0.00	26.32 -1.86 0.00	25.64 -1.85 0.00	28.33 -2.30 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.82 -1.97 0.00	26.37 -1.91 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.01 -2.24 0.00	38.00 -2.44 0.00	39.65 -2.74 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.52 -2.90 0.00	47.25 -2.72 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.65 -2.97 0.00	64.53 -3.01 0.00	60.49 -3.01 0.00	53.87 -2.33 0.00	48.74 -1.54 0.00
NIAGARA_115E_LBMP 323715	28.43 -2.17 0.00	26.27 -1.91 0.00	25.59 -1.90 0.00	28.27 -2.36 0.00	28.16 -2.14 0.00	27.46 -2.08 0.00	25.75 -2.05 0.00	26.32 -1.96 0.00	25.55 -1.47 0.00	31.19 -1.57 0.00	35.85 -2.39 0.00	37.85 -2.59 0.00	39.50 -2.90 0.00	40.44 -3.07 0.00	40.95 -3.11 0.00	42.40 -3.03 0.00	47.13 -2.84 0.00	51.84 -2.98 0.00	55.52 -2.63 0.00	64.64 -2.98 0.00	64.52 -3.02 0.00	60.48 -3.02 0.00	53.87 -2.33 0.00	48.94 -1.34 0.00
NIAGARA_115W_LBMP 323714	28.42 -2.18 0.00	26.27 -1.91 0.00	25.59 -1.90 0.00	28.28 -2.34 0.00	28.16 -2.13 0.00	27.49 -2.05 0.00	25.77 -2.02 0.00	26.32 -1.95 0.00	25.50 -1.52 0.00	31.24 -1.51 0.00	35.93 -2.32 0.00	37.92 -2.52 0.00	39.57 -2.83 0.00	40.49 -3.02 0.00	40.98 -3.08 0.00	42.43 -3.00 0.00	47.14 -2.83 0.00	51.84 -2.98 0.00	55.42 -2.72 0.00	64.50 -3.12 0.00	64.40 -3.15 0.00	60.36 -3.14 0.00	53.75 -2.44 0.00	48.64 -1.64 0.00
NIAGARA_230_LBMP 323716	28.70 -1.90 0.00	26.54 -1.64 0.00	25.86 -1.63 0.00	28.58 -2.05 0.00	28.43 -1.86 0.00	27.73 -1.81 0.00	26.01 -1.78 0.00	26.55 -1.73 0.00	25.71 -1.32 0.00	31.49 -1.27 0.00	36.27 -1.98 0.00	38.28 -2.16 0.00	39.93 -2.46 0.00	40.89 -2.62 0.00	41.39 -2.68 0.00	42.83 -2.60 0.00	47.55 -2.42 0.00	52.28 -2.54 0.00	55.86 -2.29 0.00	65.00 -2.63 0.00	64.90 -2.65 0.00	60.86 -2.64 0.00	54.16 -2.04 0.00	49.01 -1.28 0.00
NIAGARA___115KV_198_GIBSON 55903	28.42 -2.18 0.00	26.27 -1.91 0.00	25.60 -1.89 0.00	28.28 -2.34 0.00	28.16 -2.13 0.00	27.49 -2.05 0.00	25.78 -2.01 0.00	26.31 -1.97 0.00	25.50 -1.52 0.00	31.24 -1.51 0.00	35.92 -2.32 0.00	37.92 -2.52 0.00	39.56 -2.83 0.00	40.50 -3.02 0.00	40.98 -3.09 0.00	42.44 -2.99 0.00	47.14 -2.83 0.00	51.85 -2.98 0.00	55.42 -2.72 0.00	64.49 -3.14 0.00	64.37 -3.18 0.00	60.40 -3.11 0.00	53.75 -2.45 0.00	48.62 -1.66 0.00
NIAGARA____ 23760	28.70 -1.90 0.00	26.54 -1.64 0.00	25.86 -1.63 0.00	28.58 -2.05 0.00	28.43 -1.86 0.00	27.73 -1.81 0.00	26.01 -1.78 0.00	26.55 -1.73 0.00	25.71 -1.32 0.00	31.49 -1.27 0.00	36.27 -1.98 0.00	38.28 -2.16 0.00	39.93 -2.46 0.00	40.89 -2.62 0.00	41.39 -2.68 0.00	42.83 -2.60 0.00	47.55 -2.42 0.00	52.28 -2.54 0.00	55.86 -2.29 0.00	65.00 -2.63 0.00	64.90 -2.65 0.00	60.86 -2.64 0.00	54.16 -2.04 0.00	49.01 -1.28 0.00
NINE_MILE_1 23575	29.59 -1.01 0.00	27.27 -0.91 0.00	26.59 -0.90 0.00	29.59 -1.04 0.00	29.29 -1.00 0.00	28.54 -1.00 0.00	26.83 -0.96 0.00	27.27 -1.01 0.00	26.03 -1.00 0.00	31.56 -1.20 0.00	36.84 -1.41 0.00	38.97 -1.47 0.00	40.87 -1.52 0.00	41.98 -1.53 0.00	42.55 -1.52 0.00	43.92 -1.51 0.00	48.39 -1.58 0.00	53.17 -1.65 0.00	56.50 -1.64 0.00	65.76 -1.87 0.00	65.61 -1.92 0.02	58.69 -1.89 2.93	53.79 -1.65 0.76	48.88 -1.40 0.00
NINE_MILE_2 23744	29.60 -1.01 0.00	27.27 -0.91 0.00	26.59 -0.90 0.00	29.59 -1.04 0.00	29.29 -1.00 0.00	28.55 -0.99 0.00	26.83 -0.96 0.00	27.27 -1.01 0.00	26.03 -1.00 0.00	31.57 -1.19 0.00	36.84 -1.41 0.00	38.97 -1.47 0.00	40.88 -1.51 0.00	41.98 -1.53 0.00	42.55 -1.52 0.00	43.92 -1.51 0.00	48.39 -1.58 0.00	53.17 -1.65 0.00	56.50 -1.64 0.00	65.76 -1.87 0.00	65.62 -1.91 0.02	58.65 -1.88 2.97	53.77 -1.65 0.77	48.88 -1.40 0.00
NM_CAPITAL___DRP 24208	31.35 0.75 0.00	29.03 0.85 0.00	28.40 0.91 0.00	31.73 1.10 0.00	31.36 1.06 0.00	30.57 1.03 0.00	28.68 0.88 0.00	29.06 0.78 0.00	27.58 0.55 0.00	33.28 0.52 0.00	38.87 0.62 0.00	40.91 0.59 0.12	42.87 0.55 0.08	43.60 0.42 0.32	43.97 0.36 0.46	45.38 0.41 0.45	50.35 0.38 0.00	55.28 0.45 0.00	58.50 0.35 0.00	67.98 0.35 0.00	67.79 0.24 0.00	63.78 0.28 0.00	56.61 0.41 0.00	50.81 0.52 0.00
NM_CENTRAL___DRP 24181	30.12 -0.48 0.00	27.75 -0.43 0.00	27.04 -0.45 0.00	30.09 -0.54 0.00	29.77 -0.52 0.00	29.02 -0.52 0.00	27.25 -0.54 0.00	27.68 -0.59 0.00	26.39 -0.63 0.00	32.03 -0.73 0.00	37.41 -0.83 0.00	39.63 -0.81 0.00	41.60 -0.79 0.00	42.77 -0.74 0.00	43.37 -0.69 0.00	44.79 -0.64 0.00	49.40 -0.57 0.00	54.34 -0.48 0.00	57.80 -0.35 0.00	67.27 -0.36 0.00	67.14 -0.41 0.00	63.25 -0.54 -0.29	55.78 -0.50 -0.07	49.89 -0.39 0.00

NM_FRONTIER___DRP 24179	28.42 -2.18 0.00	26.27 -1.91 0.00	25.60 -1.89 0.00	28.28 -2.34 0.00	28.16 -2.13 0.00	27.49 -2.05 0.00	25.78 -2.01 0.00	26.31 -1.97 0.00	25.50 -1.52 0.00	31.24 -1.51 0.00	35.92 -2.32 0.00	37.92 -2.52 0.00	39.56 -2.83 0.00	40.50 -3.02 0.00	40.98 -3.09 0.00	42.44 -2.99 0.00	47.14 -2.83 0.00	51.85 -2.98 0.00	55.42 -2.72 0.00	64.49 -3.14 0.00	64.37 -3.18 0.00	60.40 -3.11 0.00	53.75 -2.45 0.00	48.62 -1.66 0.00
NM_ST_REGIS___HYD 24053	31.14 0.54 0.00	28.43 0.25 0.00	27.66 0.17 0.00	30.85 0.22 0.00	30.62 0.33 0.00	29.92 0.38 0.00	28.23 0.44 0.00	28.70 0.42 0.00	27.60 0.58 0.00	33.67 0.91 0.00	39.16 0.91 0.00	41.35 0.91 0.00	43.13 0.74 0.00	44.19 0.68 0.00	44.66 0.60 0.00	45.98 0.56 0.00	50.88 0.91 0.00	55.85 1.03 0.00	59.73 1.59 0.00	70.02 2.39 0.00	70.19 2.64 0.00	66.16 2.66 0.00	58.13 1.93 0.00	51.66 1.38 0.00
NORTHPORT___1 23551	31.89 1.29 0.00	29.85 1.67 0.00	29.14 1.65 0.00	32.23 1.61 0.00	31.69 1.40 0.00	30.80 1.26 0.00	28.91 1.12 0.00	29.03 0.75 0.00	27.35 0.67 0.35	33.90 1.14 0.00	40.85 2.61 0.00	43.44 2.87 -0.14	45.46 3.02 -0.04	46.82 2.92 -0.39	47.48 2.90 -0.52	45.51 2.28 2.20	24.29 1.35 27.02	24.32 1.15 31.65	58.33 0.22 0.04	51.31 -0.47 15.85	33.08 -0.64 33.83	42.30 -0.57 20.63	37.95 -0.19 18.06	35.58 0.27 14.97
NORTHPORT___2 23552	31.89 1.29 0.00	29.85 1.67 0.00	29.14 1.65 0.00	32.23 1.61 0.00	31.69 1.40 0.00	30.80 1.26 0.00	28.91 1.12 0.00	29.03 0.75 0.00	27.35 0.67 0.35	33.90 1.14 0.00	40.85 2.61 0.00	43.44 2.87 -0.14	45.46 3.02 -0.04	46.82 2.92 -0.39	47.48 2.90 -0.52	45.51 2.28 2.20	24.29 1.35 27.02	24.32 1.15 31.65	58.33 0.22 0.04	51.31 -0.47 15.85	33.08 -0.64 33.83	42.30 -0.57 20.63	37.95 -0.19 18.06	35.58 0.27 14.97
NORTHPORT___3 23553	31.87 1.27 0.00	29.79 1.61 0.00	29.09 1.60 0.00	32.17 1.54 0.00	31.64 1.34 0.00	30.71 1.17 0.00	28.77 0.98 0.00	28.98 0.70 0.00	27.32 0.64 0.35	33.83 1.07 0.00	40.81 2.56 0.00	43.39 2.81 -0.14	45.38 2.94 -0.04	46.75 2.85 -0.39	47.36 2.79 -0.52	45.39 2.17 2.22	24.09 1.13 27.01	24.05 0.88 31.64	58.09 -0.03 0.03	51.21 -0.67 15.75	33.02 -0.90 33.63	42.19 -0.81 20.51	37.92 -0.32 17.95	35.56 0.17 14.89
NORTHPORT___4 23650	31.87 1.27 0.00	29.79 1.61 0.00	29.09 1.60 0.00	32.17 1.54 0.00	31.64 1.34 0.00	30.71 1.17 0.00	28.77 0.98 0.00	28.98 0.70 0.00	27.32 0.64 0.35	33.83 1.07 0.00	40.81 2.56 0.00	43.39 2.81 -0.14	45.38 2.94 -0.04	46.75 2.85 -0.39	47.36 2.79 -0.52	45.39 2.17 2.22	24.09 1.13 27.01	24.05 0.88 31.64	58.09 -0.03 0.03	51.21 -0.67 15.75	33.02 -0.90 33.63	42.19 -0.81 20.51	37.92 -0.32 17.95	35.56 0.17 14.89
NORTHPORT___IC 23718	31.88 1.28 0.00	29.84 1.66 0.00	29.15 1.66 0.00	32.24 1.61 0.00	31.69 1.40 0.00	30.80 1.26 0.00	28.92 1.13 0.00	29.04 0.76 0.00	27.36 0.68 0.35	33.90 1.15 0.00	40.85 2.61 0.00	43.46 2.88 -0.14	45.56 3.13 -0.04	46.93 3.03 -0.39	47.59 3.01 -0.52	45.77 2.54 2.20	24.29 1.34 27.02	24.33 1.16 31.65	58.33 0.22 0.04	51.33 -0.45 15.85	33.10 -0.63 33.83	42.33 -0.54 20.63	37.97 -0.17 18.06	35.62 0.31 14.97
NORTH___COUNTRY_ESR 323785	30.75 0.15 0.00	28.09 -0.09 0.00	27.32 -0.17 0.00	30.50 -0.13 0.00	30.12 -0.17 0.00	29.45 -0.09 0.00	27.80 0.01 0.00	28.36 0.08 0.00	27.41 0.38 0.00	33.44 0.68 0.00	38.89 0.64 0.00	41.06 0.62 0.00	42.88 0.49 0.00	43.85 0.34 0.00	44.39 0.33 0.00	45.68 0.25 0.00	50.42 0.45 0.00	55.40 0.58 0.00	58.86 0.72 0.00	68.71 1.09 0.00	68.74 1.19 0.00	64.65 1.15 0.00	56.93 0.73 0.00	50.67 0.39 0.00
NPX_GEN_1385_PROXY 323591	31.64 1.04 0.00	29.86 1.68 0.00	29.10 1.61 0.00	32.52 1.89 0.00	31.91 1.61 0.00	31.13 1.59 0.00	29.13 1.34 0.00	29.22 0.94 0.00	27.36 0.68 0.35	33.95 1.19 0.00	40.39 2.14 0.00	42.86 2.28 -0.14	44.80 2.37 -0.04	46.20 2.30 -0.39	47.46 2.88 -0.52	45.24 2.05 2.23	24.12 1.17 27.02	24.29 1.12 31.65	58.80 0.70 0.04	52.08 0.30 15.85	34.05 0.33 33.83	45.65 0.48 18.34	39.45 0.56 17.31	35.86 0.55 14.97
NPX_GEN_CSC 323557	31.81 1.21 0.00	29.75 1.57 0.00	29.01 1.52 0.00	32.21 1.59 0.00	31.65 1.36 0.00	30.75 1.21 0.00	29.03 1.23 0.00	28.92 0.64 0.00	27.34 0.66 0.35	33.96 1.20 0.00	40.93 2.68 0.00	43.54 2.97 -0.14	45.65 3.20 -0.05	47.14 3.23 -0.40	47.93 3.35 -0.52	46.14 2.79 2.07	50.07 2.07 1.96	54.59 2.07 2.29	59.18 1.04 0.00	52.47 0.45 15.60	34.52 0.27 33.29	45.69 0.22 18.03	39.48 0.32 17.03	36.04 0.51 14.74
NSINS_S_GLNS_FALLS 23858	32.18 1.58 0.00	29.79 1.61 0.00	29.12 1.63 0.00	32.55 1.92 0.00	32.05 1.75 0.00	31.27 1.73 0.00	29.35 1.57 0.00	29.66 1.38 0.00	27.98 0.96 0.00	33.66 0.91 0.00	39.04 0.79 0.00	41.18 0.86 0.12	43.12 0.81 0.08	44.19 1.01 0.33	44.59 0.99 0.47	46.21 1.24 0.46	51.58 1.61 0.00	57.36 2.54 0.00	61.39 3.25 0.00	71.67 4.04 0.00	71.60 4.05 0.00	67.19 3.68 0.00	59.45 3.26 0.00	53.03 2.75 0.00
NUCOR_STEEL___DRP 24197	30.74 0.14 0.00	28.29 0.11 0.00	27.55 0.06 0.00	30.64 0.01 0.00	30.34 0.05 0.00	29.57 0.03 0.00	27.76 -0.03 0.00	28.20 -0.08 0.00	26.83 -0.20 0.00	32.47 -0.28 0.00	37.79 -0.45 0.00	40.03 -0.42 0.00	41.97 -0.42 0.00	43.18 -0.33 0.00	43.95 -0.11 0.00	45.43 0.00 0.00	50.19 0.22 0.00	55.21 0.39 0.00	58.93 0.79 0.00	68.80 1.17 0.00	68.46 0.90 0.00	64.86 0.84 -0.51	57.09 0.76 -0.13	51.02 0.74 0.00
NUMBER_THREE_WT_PWR 323818	31.82 1.22 0.00	29.19 1.01 0.00	28.39 0.90 0.00	31.61 0.98 0.00	31.28 0.99 0.00	30.51 0.97 0.00	28.65 0.86 0.00	28.98 0.70 0.00	27.44 0.42 0.00	33.15 0.39 0.00	38.61 0.36 0.00	40.76 0.32 0.00	42.75 0.36 0.00	43.83 0.32 0.00	44.23 0.17 0.00	45.60 0.17 0.00	50.80 0.83 0.00	56.20 1.38 0.00	60.48 2.33 0.00	71.45 3.83 0.00	71.63 4.08 0.00	67.63 3.93 -0.19	59.48 3.23 -0.05	52.89 2.61 0.00
NYISO_LBMP_REFERENCE 24008	30.60 0.00 0.00	28.18 0.00 0.00	27.49 0.00 0.00	30.63 0.00 0.00	30.29 0.00 0.00	29.54 0.00 0.00	27.79 0.00 0.00	28.28 0.00 0.00	27.03 0.00 0.00	32.76 0.00 0.00	38.24 0.00 0.00	40.44 0.00 0.00	42.39 0.00 0.00	43.51 0.00 0.00	44.06 0.00 0.00	45.43 0.00 0.00	49.97 0.00 0.00	54.82 0.00 0.00	58.14 0.00 0.00	67.63 0.00 0.00	67.55 0.00 0.00	63.50 0.00 0.00	56.20 0.00 0.00	50.28 0.00 0.00
NYPA_BRENTWD____GT 24164	32.33 1.73 0.00	30.21 2.03 0.00	29.47 1.98 0.00	32.59 1.96 0.00	32.04 1.75 0.00	31.13 1.59 0.00	29.23 1.44 0.00	29.40 1.12 0.00	27.76 1.08 0.34	34.41 1.65 0.00	41.40 3.15 0.00	44.07 3.49 -0.14	46.19 3.73 -0.07	47.64 3.71 -0.41	48.37 3.78 -0.53	46.84 3.25 1.83	49.94 2.48 2.51	54.41 2.53 2.93	59.76 1.62 0.00	53.39 1.08 15.31	35.84 0.93 32.63	44.39 0.84 19.94	39.76 1.00 17.44	37.11 1.29 14.46

NYPA_GOWANUS____GT5 24156	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.35 2.54 0.00	60.18 2.03 0.00	69.31 1.68 0.00	69.02 1.47 0.00	65.08 1.57 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NYPA_GOWANUS____GT6 24157	32.75 2.15 0.00	30.24 2.06 0.00	29.55 2.05 0.00	32.64 2.01 0.00	32.19 1.89 0.00	31.33 1.79 0.00	29.41 1.62 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.62 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.17 3.22 -0.52	52.84 2.87 0.00	57.35 2.54 0.00	60.18 2.03 0.00	69.31 1.68 0.00	69.02 1.47 0.00	65.08 1.57 0.00	58.22 2.02 0.00	52.53 2.25 0.00
NYPA_HARLEM__RVR__GT1 24160	32.66 2.06 0.00	30.15 1.97 0.00	29.48 1.99 0.00	32.57 1.94 0.00	32.12 1.83 0.00	31.27 1.73 0.00	29.34 1.55 0.00	29.85 1.58 0.00	28.51 1.48 0.00	34.48 1.72 0.00	40.55 2.30 0.00	43.25 2.67 -0.14	45.47 2.98 -0.10	47.01 3.13 -0.37	47.80 3.21 -0.53	49.06 3.11 -0.52	52.70 2.73 0.00	57.20 2.38 0.00	60.14 2.00 0.00	69.20 1.58 0.00	68.85 1.30 0.00	64.88 1.38 0.00	58.14 1.95 0.00	52.56 2.28 0.00
NYPA_HARLEM__RVR__GT2 24161	32.66 2.06 0.00	30.15 1.97 0.00	29.48 1.99 0.00	32.57 1.94 0.00	32.12 1.83 0.00	31.27 1.73 0.00	29.34 1.55 0.00	29.85 1.58 0.00	28.51 1.48 0.00	34.48 1.72 0.00	40.55 2.30 0.00	43.25 2.67 -0.14	45.47 2.98 -0.10	47.01 3.13 -0.37	47.80 3.21 -0.53	49.06 3.11 -0.52	52.70 2.73 0.00	57.20 2.38 0.00	60.14 2.00 0.00	69.20 1.58 0.00	68.85 1.30 0.00	64.88 1.38 0.00	58.14 1.95 0.00	52.56 2.28 0.00
NYPA_KENT____GT 24152	32.73 2.13 0.00	30.23 2.05 0.00	29.54 2.04 0.00	32.62 2.00 0.00	32.16 1.87 0.00	31.31 1.77 0.00	29.39 1.60 0.00	29.89 1.61 0.00	28.59 1.56 0.00	34.54 1.78 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.61 3.12 -0.10	47.17 3.29 -0.37	47.92 3.34 -0.53	49.16 3.21 -0.52	52.81 2.84 0.00	57.34 2.52 0.00	60.14 2.00 0.00	69.23 1.61 0.00	68.83 1.37 0.09	64.87 1.41 0.04	58.13 1.94 0.00	52.50 2.22 0.00
NYPA_POUCH1____GT 24155	32.71 2.11 0.00	30.19 2.02 0.00	29.51 2.02 0.00	32.61 1.98 0.00	32.16 1.87 0.00	31.31 1.77 0.00	29.38 1.59 0.00	29.88 1.60 0.00	28.57 1.54 0.00	34.50 1.74 0.00	40.61 2.36 0.00	43.26 2.69 -0.14	45.54 3.04 -0.10	47.12 3.24 -0.37	47.88 3.29 -0.53	49.08 3.13 -0.52	52.81 2.84 0.00	57.35 2.54 0.00	60.18 2.04 0.00	69.36 1.73 0.00	69.04 1.49 0.00	65.08 1.58 0.00	58.16 1.97 0.00	52.43 2.15 0.00
NYPA_VERNON____GT2 24162	32.71 2.11 0.00	30.21 2.03 0.00	29.52 2.03 0.00	32.60 1.98 0.00	32.15 1.85 0.00	31.28 1.74 0.00	29.37 1.58 0.00	29.87 1.59 0.00	28.57 1.55 0.00	34.54 1.78 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.58 3.10 -0.10	47.15 3.26 -0.37	47.90 3.31 -0.53	49.14 3.19 -0.52	52.78 2.81 0.00	57.32 2.50 0.00	60.09 1.95 0.00	69.14 1.51 0.00	68.62 1.25 0.19	64.75 1.33 0.08	58.03 1.83 0.00	52.46 2.18 0.00
NYPA_VERNON____GT3 24163	32.71 2.11 0.00	30.21 2.03 0.00	29.52 2.03 0.00	32.60 1.98 0.00	32.15 1.85 0.00	31.28 1.74 0.00	29.37 1.58 0.00	29.87 1.59 0.00	28.57 1.55 0.00	34.54 1.78 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.58 3.10 -0.10	47.15 3.26 -0.37	47.90 3.31 -0.53	49.14 3.19 -0.52	52.78 2.81 0.00	57.32 2.50 0.00	60.09 1.95 0.00	69.14 1.51 0.00	68.62 1.25 0.19	64.75 1.33 0.08	58.03 1.83 0.00	52.46 2.18 0.00
NYPA____ASTORIA_CC1 323568	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.81 1.54 0.00	28.53 1.50 0.00	34.46 1.70 0.00	40.60 2.35 0.00	43.25 2.68 -0.14	45.49 3.00 -0.10	47.04 3.16 -0.37	47.80 3.21 -0.53	49.04 3.09 -0.52	52.65 2.68 0.00	57.16 2.34 0.00	59.92 1.78 0.00	68.89 1.27 0.00	68.32 1.01 0.23	64.53 1.13 0.10	57.88 1.68 0.00	52.35 2.06 0.00
NYPA____ASTORIA_CC2 323569	32.66 2.05 0.00	30.16 1.98 0.00	29.48 1.99 0.00	32.53 1.90 0.00	32.08 1.79 0.00	31.22 1.68 0.00	29.32 1.53 0.00	29.81 1.54 0.00	28.53 1.50 0.00	34.46 1.70 0.00	40.60 2.35 0.00	43.25 2.68 -0.14	45.49 3.00 -0.10	47.04 3.16 -0.37	47.80 3.21 -0.53	49.04 3.09 -0.52	52.65 2.68 0.00	57.16 2.34 0.00	59.92 1.78 0.00	68.89 1.27 0.00	68.32 1.01 0.23	64.53 1.13 0.10	57.88 1.68 0.00	52.35 2.06 0.00
NYPA____HOLTSVILL 23794	31.97 1.37 0.00	29.92 1.74 0.00	29.20 1.71 0.00	32.32 1.69 0.00	31.77 1.48 0.00	30.86 1.33 0.00	29.03 1.24 0.00	29.13 0.85 0.00	27.51 0.83 0.35	34.12 1.36 0.00	41.07 2.83 0.00	43.66 3.08 -0.14	45.74 3.30 -0.05	47.22 3.31 -0.40	47.98 3.39 -0.52	46.21 2.83 2.05	50.19 2.08 1.85	54.61 1.96 2.17	59.12 0.98 0.00	52.41 0.41 15.63	34.48 0.27 33.34	43.39 0.24 20.35	38.84 0.44 17.80	36.24 0.72 14.76
NYPA____HELLGATE_GT1 24158	32.66 2.06 0.00	30.15 1.97 0.00	29.48 1.99 0.00	32.57 1.94 0.00	32.12 1.83 0.00	31.27 1.73 0.00	29.34 1.55 0.00	29.85 1.58 0.00	28.51 1.48 0.00	34.48 1.72 0.00	40.55 2.30 0.00	43.25 2.67 -0.14	45.47 2.98 -0.10	47.01 3.13 -0.37	47.80 3.21 -0.53	49.06 3.11 -0.52	52.70 2.73 0.00	57.20 2.38 0.00	60.14 2.00 0.00	69.20 1.58 0.00	68.85 1.30 0.00	64.88 1.38 0.00	58.14 1.95 0.00	52.56 2.28 0.00
NYPA____HELLGATE_GT2 24159	32.66 2.06 0.00	30.15 1.97 0.00	29.48 1.99 0.00	32.57 1.94 0.00	32.12 1.83 0.00	31.27 1.73 0.00	29.34 1.55 0.00	29.85 1.58 0.00	28.51 1.48 0.00	34.48 1.72 0.00	40.55 2.30 0.00	43.25 2.67 -0.14	45.47 2.98 -0.10	47.01 3.13 -0.37	47.80 3.21 -0.53	49.06 3.11 -0.52	52.70 2.73 0.00	57.20 2.38 0.00	60.14 2.00 0.00	69.20 1.58 0.00	68.85 1.30 0.00	64.88 1.38 0.00	58.14 1.95 0.00	52.56 2.28 0.00
NYS_BARGE____HYD 23848	28.88 -1.72 0.00	26.69 -1.49 0.00	25.99 -1.50 0.00	28.71 -1.91 0.00	28.58 -1.72 0.00	27.88 -1.66 0.00	26.13 -1.66 0.00	26.68 -1.60 0.00	25.85 -1.18 0.00	31.58 -1.18 0.00	36.35 -1.89 0.00	38.39 -2.05 0.00	40.08 -2.31 0.00	41.07 -2.44 0.00	41.62 -2.45 0.00	43.10 -2.33 0.00	47.91 -2.05 0.00	52.76 -2.06 0.00	56.54 -1.60 0.00	65.86 -1.77 0.00	65.76 -1.79 0.00	61.62 -1.88 0.00	54.82 -1.38 0.00	49.68 -0.60 0.00
OAK ORCHARD____HYD 24046	29.83 -0.77 0.00	27.52 -0.67 0.00	26.80 -0.69 0.00	29.70 -0.93 0.00	29.47 -0.82 0.00	28.73 -0.81 0.00	26.96 -0.83 0.00	27.46 -0.82 0.00	26.38 -0.65 0.00	32.20 -0.56 0.00	37.36 -0.88 0.00	39.53 -0.91 0.00	41.41 -0.98 0.00	42.54 -0.98 0.00	43.14 -0.93 0.00	44.68 -0.75 0.00	49.50 -0.47 0.00	54.54 -0.28 0.00	58.21 0.06 0.00	67.67 0.05 0.00	67.50 -0.05 0.00	63.25 -0.25 0.00	56.02 -0.18 0.00	50.36 0.08 0.00

OAKDALE___35_KV_LOAD 356122	30.69 0.09 0.00	28.26 0.08 0.00	27.52 0.03 0.00	30.62 -0.01 0.00	30.29 0.00 0.00	29.52 -0.02 0.00	27.69 -0.10 0.00	28.12 -0.16 0.00	26.77 -0.25 0.00	32.51 -0.24 0.00	38.07 -0.18 0.00	40.37 -0.07 0.00	42.32 -0.07 0.00	43.45 -0.06 0.00	44.08 0.02 0.00	45.34 -0.09 0.00	49.92 -0.05 0.00	54.81 -0.01 0.00	58.18 0.03 0.00	67.73 0.10 0.00	67.64 0.09 0.00	63.65 -0.05 -0.20	56.31 0.06 -0.05	50.55 0.27 0.00
OCC_CHEM___DRP 24175	28.48 -2.13 0.00	26.32 -1.86 0.00	25.65 -1.84 0.00	28.33 -2.29 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.83 -1.96 0.00	26.36 -1.92 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.00 -2.24 0.00	38.00 -2.44 0.00	39.64 -2.75 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.54 -2.89 0.00	47.24 -2.73 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.63 -2.99 0.00	64.52 -3.03 0.00	60.52 -2.98 0.00	53.86 -2.34 0.00	48.72 -1.56 0.00
OH_GEN_PROXY 24063	28.74 -1.86 0.00	26.59 -1.59 0.00	25.90 -1.59 0.00	28.63 -2.00 0.00	28.48 -1.81 0.00	27.78 -1.76 0.00	26.05 -1.74 0.00	26.59 -1.69 0.00	25.73 -1.29 0.00	31.53 -1.23 0.00	36.35 -1.90 0.00	38.37 -2.07 0.00	40.02 -2.37 0.00	40.97 -2.54 0.00	41.48 -2.58 0.00	42.87 -2.52 0.04	47.63 -2.34 0.00	52.36 -2.46 0.00	55.93 -2.21 0.00	65.09 -2.54 0.00	64.98 -2.57 0.00	63.22 -2.58 -2.30	54.94 -2.00 -0.75	49.01 -1.28 0.00
OLIN_CORP_DRP 24177	28.50 -2.10 0.00	26.33 -1.85 0.00	25.65 -1.83 0.00	28.34 -2.29 0.00	28.22 -2.07 0.00	27.52 -2.02 0.00	25.82 -1.97 0.00	26.37 -1.91 0.00	25.60 -1.42 0.00	31.26 -1.50 0.00	35.94 -2.31 0.00	37.95 -2.49 0.00	39.60 -2.79 0.00	40.54 -2.97 0.00	41.05 -3.01 0.00	42.52 -2.90 0.00	47.23 -2.74 0.00	51.96 -2.86 0.00	55.64 -2.51 0.00	64.76 -2.87 0.00	64.65 -2.90 0.00	60.65 -2.86 0.00	53.97 -2.23 0.00	48.99 -1.29 0.00
OLIN_CORP_DSASP 323712	28.48 -2.12 0.00	26.32 -1.86 0.00	25.64 -1.85 0.00	28.33 -2.30 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.82 -1.97 0.00	26.37 -1.91 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.01 -2.24 0.00	38.00 -2.44 0.00	39.65 -2.74 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.52 -2.90 0.00	47.25 -2.72 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.65 -2.97 0.00	64.53 -3.01 0.00	60.49 -3.01 0.00	53.87 -2.33 0.00	48.74 -1.54 0.00
ONEIDA_HERK_LFGE 323681	31.54 0.94 0.00	28.99 0.81 0.00	28.23 0.74 0.00	31.43 0.80 0.00	31.09 0.80 0.00	30.32 0.78 0.00	28.48 0.69 0.00	28.86 0.58 0.00	27.39 0.37 0.00	33.14 0.39 0.00	38.67 0.43 0.00	40.88 0.43 0.00	42.89 0.49 0.00	44.04 0.53 0.00	44.57 0.51 0.00	45.99 0.57 0.00	50.94 0.97 0.00	56.15 1.33 0.00	60.10 1.96 0.00	70.44 2.81 0.00	70.50 2.95 0.00	66.36 2.75 -0.11	58.52 2.30 -0.03	52.20 1.92 0.00
ONEIDA___115KV_TB4 55905	31.39 0.79 0.00	28.87 0.70 0.00	28.12 0.63 0.00	31.30 0.66 0.00	30.95 0.66 0.00	30.17 0.63 0.00	28.34 0.55 0.00	28.70 0.42 0.00	27.22 0.19 0.00	32.95 0.20 0.00	38.50 0.25 0.00	40.72 0.28 0.00	42.79 0.39 0.00	44.06 0.55 0.00	44.68 0.62 0.00	46.09 0.66 0.00	50.94 0.97 0.00	56.16 1.34 0.00	59.88 1.74 0.00	69.99 2.37 0.00	70.10 2.55 0.00	65.92 2.26 -0.16	58.15 1.91 -0.04	51.93 1.65 0.00
ONONDAGA_REF_OCCRA 23987	30.37 -0.24 0.00	27.96 -0.22 0.00	27.24 -0.25 0.00	30.30 -0.33 0.00	29.98 -0.31 0.00	29.23 -0.31 0.00	27.45 -0.34 0.00	27.88 -0.40 0.00	26.56 -0.47 0.00	32.22 -0.54 0.00	37.65 -0.59 0.00	39.87 -0.57 0.00	41.87 -0.52 0.00	43.06 -0.46 0.00	43.67 -0.39 0.00	45.10 -0.33 0.00	49.75 -0.22 0.00	54.74 -0.09 0.00	58.25 0.11 0.00	67.83 0.20 0.00	67.73 0.18 0.00	63.85 0.00 -0.35	56.26 -0.03 -0.09	50.31 0.03 0.00
ONONDAGA___COGEN 23986	30.36 -0.24 0.00	27.96 -0.22 0.00	27.24 -0.25 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.23 -0.31 0.00	27.46 -0.34 0.00	27.90 -0.38 0.00	26.57 -0.45 0.00	32.22 -0.53 0.00	37.63 -0.61 0.00	39.87 -0.57 0.00	41.85 -0.54 0.00	43.03 -0.49 0.00	43.64 -0.42 0.00	45.08 -0.35 0.00	49.75 -0.22 0.00	54.71 -0.11 0.00	58.25 0.10 0.00	67.81 0.18 0.00	67.67 0.12 0.00	64.00 -0.03 -0.53	56.29 -0.05 -0.14	50.29 0.00 0.00
ONTARIO___LFGE 23819	30.61 0.01 0.00	28.16 -0.02 0.00	27.37 -0.12 0.00	30.40 -0.23 0.00	30.12 -0.18 0.00	29.38 -0.16 0.00	27.54 -0.25 0.00	27.97 -0.30 0.00	26.65 -0.38 0.00	32.33 -0.43 0.00	37.65 -0.59 0.00	39.90 -0.54 0.00	41.84 -0.55 0.00	43.01 -0.50 0.00	43.63 -0.43 0.00	45.06 -0.37 0.00	49.90 -0.06 0.00	54.98 0.16 0.00	58.87 0.73 0.00	68.94 1.32 0.00	68.84 1.30 0.00	64.61 0.93 -0.18	57.02 0.78 -0.05	51.11 0.82 0.00
ORANGEVILLE_WT_PWR 323706	29.56 -1.04 0.00	27.22 -0.96 0.00	26.40 -1.09 0.00	29.20 -1.42 0.00	29.03 -1.27 0.00	28.38 -1.16 0.00	26.58 -1.21 0.00	27.00 -1.28 0.00	25.91 -1.12 0.00	31.66 -1.10 0.00	36.70 -1.54 0.00	38.85 -1.59 0.00	40.61 -1.79 0.00	41.63 -1.89 0.00	42.20 -1.87 0.00	43.51 -1.92 0.00	48.23 -1.74 0.00	53.04 -1.78 0.00	56.84 -1.30 0.00	66.65 -0.98 0.00	66.81 -0.74 0.00	62.61 -0.89 0.00	55.61 -0.59 0.00	50.20 -0.08 0.00
ORANGEVILLE___ESR 323794	29.56 -1.04 0.00	27.22 -0.96 0.00	26.40 -1.09 0.00	29.20 -1.42 0.00	29.03 -1.27 0.00	28.38 -1.16 0.00	26.58 -1.21 0.00	27.00 -1.28 0.00	25.91 -1.12 0.00	31.66 -1.10 0.00	36.70 -1.54 0.00	38.85 -1.59 0.00	40.61 -1.79 0.00	41.63 -1.89 0.00	42.20 -1.87 0.00	43.51 -1.92 0.00	48.23 -1.74 0.00	53.04 -1.78 0.00	56.84 -1.30 0.00	66.65 -0.98 0.00	66.81 -0.74 0.00	62.61 -0.89 0.00	55.61 -0.59 0.00	50.20 -0.08 0.00
OSWEGATCHIE___HYD 24044	31.43 0.82 0.00	28.76 0.58 0.00	27.97 0.48 0.00	31.17 0.55 0.00	30.90 0.61 0.00	30.16 0.62 0.00	28.38 0.59 0.00	28.76 0.49 0.00	27.42 0.39 0.00	33.27 0.51 0.00	38.72 0.48 0.00	40.87 0.43 0.00	42.77 0.37 0.00	43.83 0.32 0.00	44.28 0.21 0.00	45.64 0.21 0.00	50.72 0.75 0.00	55.85 1.03 0.00	60.00 1.86 0.00	70.65 3.03 0.00	70.85 3.30 0.00	66.94 3.27 -0.16	58.79 2.55 -0.04	52.23 1.95 0.00
OSWEGO___5 23606	29.83 -0.77 0.00	27.48 -0.70 0.00	26.79 -0.70 0.00	29.82 -0.81 0.00	29.50 -0.79 0.00	28.77 -0.77 0.00	27.03 -0.76 0.00	27.48 -0.80 0.00	26.21 -0.82 0.00	31.79 -0.97 0.00	37.11 -1.14 0.00	39.26 -1.18 0.00	41.18 -1.22 0.00	42.30 -1.21 0.00	42.88 -1.19 0.00	44.25 -1.18 0.00	48.77 -1.20 0.00	53.59 -1.23 0.00	56.97 -1.17 0.00	66.31 -1.32 0.00	66.20 -1.36 -0.01	64.32 -1.37 -2.18	55.56 -1.20 -0.56	49.28 -1.00 0.00
OSWEGO___6 23613	29.83 -0.77 0.00	27.48 -0.70 0.00	26.79 -0.70 0.00	29.82 -0.81 0.00	29.50 -0.79 0.00	28.77 -0.77 0.00	27.03 -0.76 0.00	27.48 -0.80 0.00	26.21 -0.82 0.00	31.79 -0.97 0.00	37.11 -1.14 0.00	39.26 -1.18 0.00	41.18 -1.22 0.00	42.30 -1.21 0.00	42.88 -1.19 0.00	44.25 -1.18 0.00	48.77 -1.20 0.00	53.59 -1.23 0.00	56.97 -1.17 0.00	66.31 -1.32 0.00	66.20 -1.36 -0.01	64.32 -1.37 -2.18	55.56 -1.20 -0.56	49.28 -1.00 0.00

OUTOKUMPU-AB___DRP 24206	29.10 -1.50 0.00	26.86 -1.32 0.00	26.15 -1.34 0.00	28.89 -1.74 0.00	28.74 -1.55 0.00	28.05 -1.49 0.00	26.31 -1.48 0.00	26.84 -1.44 0.00	26.00 -1.03 0.00	31.83 -0.93 0.00	36.69 -1.56 0.00	38.79 -1.65 0.00	40.51 -1.89 0.00	41.53 -1.98 0.00	42.09 -1.97 0.00	43.59 -1.84 0.00	48.45 -1.52 0.00	53.34 -1.49 0.00	57.05 -1.10 0.00	66.41 -1.22 0.00	66.26 -1.29 0.00	62.14 -1.37 0.00	55.23 -0.97 0.00	49.89 -0.39 0.00
OXBOW___BTM 323836	28.78 -1.82 0.00	26.58 -1.60 0.00	25.88 -1.61 0.00	28.59 -2.04 0.00	28.46 -1.83 0.00	27.76 -1.78 0.00	26.04 -1.75 0.00	26.59 -1.69 0.00	25.76 -1.26 0.00	31.55 -1.21 0.00	36.34 -1.90 0.00	38.39 -2.05 0.00	40.08 -2.31 0.00	41.07 -2.44 0.00	41.61 -2.46 0.00	43.09 -2.34 0.00	47.89 -2.08 0.00	52.71 -2.11 0.00	56.35 -1.79 0.00	65.60 -2.02 0.00	65.48 -2.07 0.00	61.35 -2.16 0.00	54.59 -1.61 0.00	49.36 -0.92 0.00
OXBOW___ 24026	28.78 -1.82 0.00	26.58 -1.60 0.00	25.89 -1.61 0.00	28.59 -2.04 0.00	28.46 -1.83 0.00	27.76 -1.78 0.00	26.05 -1.74 0.00	26.58 -1.70 0.00	25.76 -1.27 0.00	31.55 -1.21 0.00	36.34 -1.91 0.00	38.40 -2.05 0.00	40.08 -2.31 0.00	41.07 -2.44 0.00	41.61 -2.45 0.00	43.10 -2.33 0.00	47.89 -2.08 0.00	52.71 -2.11 0.00	56.35 -1.79 0.00	65.59 -2.04 0.00	65.44 -2.11 0.00	61.37 -2.14 0.00	54.58 -1.61 0.00	49.34 -0.94 0.00
OXY_CHEM_DSASP 323612	28.48 -2.13 0.00	26.32 -1.86 0.00	25.65 -1.84 0.00	28.33 -2.29 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.83 -1.96 0.00	26.36 -1.92 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.00 -2.24 0.00	38.00 -2.44 0.00	39.64 -2.75 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.54 -2.89 0.00	47.24 -2.73 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.63 -2.99 0.00	64.52 -3.03 0.00	60.52 -2.98 0.00	53.86 -2.34 0.00	48.72 -1.56 0.00
OZONE_PARK_ESR 323760	33.07 2.46 0.00	30.70 2.52 0.00	29.97 2.48 0.00	33.14 2.52 0.00	32.65 2.36 0.00	31.75 2.21 0.00	29.79 2.00 0.00	30.28 2.00 0.00	28.96 1.94 0.00	35.08 2.32 0.00	41.39 3.14 0.00	44.07 3.50 0.00	46.34 3.85 0.00	47.92 4.03 -0.37	48.68 4.09 -0.53	49.90 3.95 -0.52	53.69 3.72 0.00	58.42 3.60 0.00	61.19 3.05 0.00	70.60 2.98 0.00	70.35 2.80 0.00	66.19 2.69 0.00	59.13 2.93 0.00	53.38 3.10 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.48 -2.13 0.00	26.32 -1.86 0.00	25.65 -1.84 0.00	28.33 -2.29 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.83 -1.96 0.00	26.36 -1.92 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.00 -2.24 0.00	38.00 -2.44 0.00	39.64 -2.75 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.54 -2.89 0.00	47.24 -2.73 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.63 -2.99 0.00	64.52 -3.03 0.00	60.52 -2.98 0.00	53.86 -2.34 0.00	48.72 -1.56 0.00
PACKARD___115KV_DUPONT_184 80571	28.48 -2.13 0.00	26.32 -1.86 0.00	25.65 -1.84 0.00	28.33 -2.29 0.00	28.21 -2.08 0.00	27.53 -2.01 0.00	25.83 -1.96 0.00	26.36 -1.92 0.00	25.55 -1.48 0.00	31.31 -1.45 0.00	36.00 -2.24 0.00	38.00 -2.44 0.00	39.64 -2.75 0.00	40.58 -2.93 0.00	41.06 -3.00 0.00	42.54 -2.89 0.00	47.24 -2.73 0.00	51.95 -2.87 0.00	55.54 -2.60 0.00	64.63 -2.99 0.00	64.52 -3.03 0.00	60.52 -2.98 0.00	53.86 -2.34 0.00	48.72 -1.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.61 2.00 0.00	30.11 1.93 0.00	29.44 1.95 0.00	32.53 1.91 0.00	32.08 1.79 0.00	31.23 1.69 0.00	29.31 1.52 0.00	29.82 1.55 0.00	28.48 1.45 0.00	34.43 1.67 0.00	40.53 2.29 0.00	43.21 2.63 -0.14	45.45 2.96 -0.10	46.99 3.11 -0.37	47.76 3.17 -0.53	49.01 3.06 -0.52	52.64 2.67 0.00	57.19 2.37 0.00	60.11 1.96 0.00	69.19 1.56 0.00	68.90 1.36 0.00	64.94 1.43 0.00	58.13 1.93 0.00	52.48 2.20 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.46 2.86 0.00	30.91 2.73 0.00	30.21 2.72 0.00	33.42 2.79 0.00	32.98 2.69 0.00	32.11 2.57 0.00	30.11 2.32 0.00	30.68 2.40 0.00	29.28 2.25 0.00	35.41 2.66 0.00	41.72 3.47 0.00	44.44 3.87 -0.14	46.73 4.24 -0.10	48.31 4.42 -0.37	49.07 4.48 -0.53	50.37 4.42 -0.52	54.25 4.29 0.00	59.01 4.19 0.00	61.92 3.78 0.00	71.29 3.66 0.00	71.12 3.57 0.00	67.00 3.50 0.00	60.06 3.86 0.00	54.18 3.90 0.00
PATROON___115KV_TB1 80586	31.40 0.80 0.00	29.06 0.88 0.00	28.43 0.94 0.00	31.75 1.12 0.00	31.38 1.09 0.00	30.57 1.03 0.00	28.70 0.91 0.00	29.09 0.81 0.00	27.60 0.57 0.00	33.32 0.56 0.00	38.93 0.69 0.00	41.00 0.67 0.11	42.95 0.63 0.08	43.70 0.49 0.30	44.09 0.45 0.42	45.55 0.54 0.42	50.51 0.54 0.00	55.47 0.65 0.00	58.72 0.57 0.00	68.24 0.61 0.00	68.05 0.50 0.00	63.99 0.49 0.00	56.77 0.58 0.00	50.93 0.65 0.00
PATTRSNVILLE___SOLAR 323815	31.68 1.08 0.00	29.20 1.02 0.00	28.50 1.01 0.00	31.75 1.12 0.00	31.38 1.09 0.00	30.60 1.06 0.00	28.69 0.90 0.00	28.96 0.68 0.00	27.36 0.33 0.00	32.99 0.23 0.00	38.49 0.25 0.00	40.64 0.28 0.09	42.65 0.32 0.06	43.69 0.42 0.24	44.18 0.47 0.34	45.71 0.62 0.34	50.66 0.69 0.00	55.75 0.94 0.00	59.46 1.32 0.00	69.56 1.94 0.00	69.73 2.18 0.00	65.54 2.03 0.00	58.04 1.84 0.00	51.99 1.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.43 -1.18 0.00	27.13 -1.05 0.00	26.41 -1.08 0.00	29.20 -1.43 0.00	28.99 -1.30 0.00	28.29 -1.25 0.00	26.52 -1.27 0.00	27.05 -1.23 0.00	26.13 -0.90 0.00	31.99 -0.76 0.00	37.05 -1.20 0.00	39.21 -1.23 0.00	40.95 -1.44 0.00	42.02 -1.49 0.00	42.64 -1.42 0.00	44.07 -1.35 0.00	48.91 -1.05 0.00	53.79 -1.03 0.00	57.43 -0.71 0.00	66.89 -0.74 0.00	66.70 -0.85 0.00	62.53 -0.98 0.00	55.53 -0.67 0.00	50.07 -0.21 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.49 1.88 0.00	30.01 1.83 0.00	29.30 1.80 0.00	32.48 1.85 0.00	32.04 1.75 0.00	31.18 1.64 0.00	29.27 1.48 0.00	29.74 1.46 0.00	28.38 1.35 0.00	34.36 1.60 0.00	40.44 2.19 0.00	43.04 2.48 -0.12	45.26 2.78 -0.09	46.83 2.99 -0.33	47.63 3.09 -0.47	48.90 3.01 -0.46	52.93 2.96 0.00	57.79 2.97 0.00	60.70 2.55 0.00	70.14 2.51 0.00	69.87 2.32 0.00	65.68 2.17 0.00	58.46 2.26 0.00	52.60 2.32 0.00
PEEKSKILL___ 23653	32.31 1.71 0.00	29.88 1.70 0.00	29.20 1.70 0.00	32.35 1.72 0.00	31.89 1.59 0.00	31.03 1.49 0.00	29.12 1.33 0.00	29.57 1.29 0.00	28.24 1.21 0.00	34.16 1.40 0.00	40.24 1.99 0.00	42.83 2.26 -0.13	45.00 2.51 -0.09	46.55 2.67 -0.37	47.31 2.73 -0.52	48.54 2.60 -0.51	52.28 2.31 0.00	57.00 2.18 0.00	59.82 1.67 0.00	69.10 1.47 0.00	68.85 1.31 0.00	64.75 1.25 0.00	57.74 1.54 0.00	52.05 1.77 0.00
PGE MADISON___WINDPWR 24146	32.75 2.15 0.00	30.06 1.88 0.00	29.24 1.75 0.00	32.48 1.85 0.00	32.12 1.83 0.00	31.21 1.67 0.00	29.10 1.31 0.00	29.45 1.18 0.00	27.86 0.84 0.00	33.99 1.23 0.00	39.95 1.71 0.00	42.28 1.84 0.00	44.22 1.83 0.00	45.43 1.92 0.00	46.07 2.01 0.00	47.52 2.09 0.00	52.66 2.69 0.00	58.16 3.34 0.00	62.32 4.18 0.00	73.25 5.62 0.00	73.25 5.70 0.00	68.35 4.63 -0.22	59.97 3.71 -0.06	53.53 3.25 0.00

PIERCEFIELD___HYD 23852	31.11 0.51 0.00	28.41 0.23 0.00	27.65 0.16 0.00	30.83 0.21 0.00	30.64 0.34 0.00	29.93 0.39 0.00	28.23 0.44 0.00	28.70 0.42 0.00	27.57 0.54 0.00	33.61 0.85 0.00	39.09 0.84 0.00	41.26 0.82 0.00	43.08 0.68 0.00	44.12 0.61 0.00	44.59 0.53 0.00	45.93 0.50 0.00	50.83 0.86 0.00	55.74 0.92 0.00	59.70 1.56 0.00	69.94 2.31 0.00	70.13 2.58 0.00	66.23 2.65 -0.08	58.12 1.91 -0.02	51.64 1.36 0.00
PINELAWN_CC_1 323563	32.31 1.71 0.00	30.15 1.96 0.00	29.39 1.90 0.00	32.49 1.86 0.00	31.95 1.66 0.00	31.03 1.49 0.00	29.13 1.34 0.00	29.36 1.08 0.00	27.75 1.04 0.31	34.32 1.56 0.00	41.21 2.96 0.00	43.60 3.01 -0.14	45.69 3.15 -0.15	47.10 3.12 -0.48	47.81 3.18 -0.57	47.25 2.63 0.80	50.76 1.78 0.98	55.32 1.65 1.15	58.91 0.77 0.00	53.59 0.20 14.24	37.50 0.19 30.24	45.17 0.21 18.54	40.64 0.59 16.15	38.58 1.34 13.03
PJM_GEN_HTTP_PROXY 323702	32.62 2.02 0.00	30.14 1.96 0.00	29.45 1.95 0.00	32.58 1.96 0.00	32.11 1.82 0.00	31.24 1.70 0.00	29.32 1.53 0.00	29.80 1.52 0.00	28.48 1.46 0.00	34.48 1.72 0.00	40.66 2.41 0.00	43.29 2.71 -0.14	45.51 3.02 -0.10	47.06 3.17 -0.37	47.80 3.21 -0.53	49.01 3.06 -0.52	52.71 2.74 0.00	57.36 2.54 0.00	60.12 1.98 0.00	69.37 1.74 0.00	69.08 1.54 0.00	64.99 1.49 0.00	58.03 1.86 0.02	51.38 2.12 1.02
PJM_GEN_KEystone 24065	39.45 0.36 -8.49	28.59 0.41 0.00	27.91 0.42 0.00	30.92 0.30 0.00	30.53 0.24 0.00	29.75 0.21 0.00	27.88 0.09 0.00	28.34 0.07 0.00	27.13 0.10 0.00	32.97 0.21 0.00	38.65 0.41 0.00	41.07 0.56 -0.07	43.02 0.58 -0.05	44.33 0.62 -0.20	45.02 0.68 -0.28	46.18 0.47 -0.28	50.26 0.29 0.00	55.46 0.08 -0.55	57.45 -0.21 0.48	67.18 -0.45 0.00	66.99 -0.56 0.00	63.01 -0.57 -0.08	56.12 -0.08 0.00	52.18 0.36 -1.54
PJM_GEN_NEPTUNE_PROXY 323594	32.11 1.51 0.00	29.92 1.74 0.00	29.19 1.70 0.00	32.27 1.64 0.00	31.75 1.46 0.00	30.85 1.31 0.00	28.94 1.15 0.00	29.23 0.95 0.00	27.59 0.93 0.37	34.12 1.36 0.00	40.77 2.52 0.00	43.38 2.81 -0.14	45.42 3.04 0.01	46.95 3.09 -0.35	47.71 3.15 -0.49	45.25 2.68 2.86	51.98 2.01 0.01	56.66 1.84 0.00	59.17 1.03 0.00	51.52 0.53 16.63	32.24 0.27 35.58	42.13 0.29 21.66	37.81 0.63 19.01	34.35 0.99 16.92
PJM_GEN_VFT_PROXY 323633	32.53 1.93 0.00	30.07 1.89 0.00	29.37 1.88 0.00	32.48 1.86 0.00	32.01 1.72 0.00	31.14 1.60 0.00	29.23 1.44 0.00	29.70 1.43 0.00	28.43 1.40 0.00	34.37 1.61 0.00	40.51 2.26 0.00	43.14 2.56 -0.14	45.36 2.87 -0.10	46.92 3.03 -0.37	47.67 3.08 -0.53	48.87 2.92 -0.52	52.51 2.54 0.00	57.05 2.23 0.00	59.75 1.61 0.00	68.93 1.30 0.00	68.68 1.13 0.00	64.64 1.13 0.00	57.76 1.58 0.02	51.15 1.89 1.02
PLATSBURG_115KV_PMLD1 355749	31.14 0.53 0.00	28.49 0.31 0.00	27.67 0.18 0.00	30.92 0.29 0.00	30.51 0.22 0.00	29.82 0.28 0.00	28.13 0.34 0.00	28.63 0.35 0.00	27.65 0.62 0.00	33.71 0.96 0.00	39.23 0.99 0.00	41.40 0.96 0.00	43.18 0.79 0.00	44.07 0.56 0.00	44.60 0.54 0.00	45.80 0.37 0.00	50.57 0.60 0.00	55.69 0.87 0.00	59.09 0.94 0.00	69.14 1.51 0.00	69.08 1.53 0.00	64.86 1.36 0.00	57.15 0.95 0.00	50.91 0.62 0.00
PLEASANTVLY___LBMP 24000	32.00 1.40 0.00	29.59 1.41 0.00	28.91 1.43 0.00	32.11 1.48 0.00	31.67 1.38 0.00	30.85 1.31 0.00	28.95 1.16 0.00	29.37 1.09 0.00	27.99 0.96 0.00	33.84 1.08 0.00	39.76 1.52 0.00	42.30 1.71 -0.15	44.39 1.89 -0.11	45.94 2.01 -0.42	46.70 2.05 -0.60	47.95 1.94 -0.59	51.68 1.72 0.00	56.48 1.66 0.00	59.40 1.25 0.00	68.71 1.09 0.00	68.48 0.93 0.00	64.39 0.89 0.00	57.37 1.17 0.00	51.66 1.37 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.26 1.66 0.00	29.83 1.65 0.00	29.14 1.65 0.00	32.30 1.68 0.00	31.86 1.57 0.00	31.01 1.47 0.00	29.10 1.32 0.00	29.56 1.28 0.00	28.21 1.18 0.00	34.11 1.35 0.00	40.15 1.91 0.00	42.71 2.13 -0.14	44.87 2.38 -0.10	46.42 2.53 -0.38	47.19 2.59 -0.54	48.41 2.45 -0.53	52.21 2.25 0.00	57.00 2.18 0.00	59.86 1.72 0.00	69.19 1.56 0.00	68.94 1.39 0.00	64.84 1.34 0.00	57.80 1.60 0.00	52.06 1.78 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.26 1.66 0.00	29.83 1.65 0.00	29.14 1.65 0.00	32.30 1.68 0.00	31.86 1.57 0.00	31.01 1.47 0.00	29.10 1.32 0.00	29.56 1.28 0.00	28.21 1.18 0.00	34.11 1.35 0.00	40.15 1.91 0.00	42.71 2.13 -0.14	44.87 2.38 -0.10	46.42 2.53 -0.38	47.19 2.59 -0.54	48.41 2.45 -0.53	52.21 2.25 0.00	57.00 2.18 0.00	59.86 1.72 0.00	69.19 1.56 0.00	68.94 1.39 0.00	64.84 1.34 0.00	57.80 1.60 0.00	52.06 1.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.26 1.66 0.00	29.80 1.62 0.00	29.11 1.61 0.00	32.29 1.66 0.00	31.86 1.57 0.00	31.03 1.49 0.00	29.12 1.33 0.00	29.57 1.29 0.00	28.17 1.15 0.00	34.08 1.32 0.00	40.04 1.79 0.00	42.46 2.02 0.00	44.67 2.28 0.00	45.97 2.45 0.00	46.61 2.54 0.00	47.92 2.50 0.00	52.43 2.46 0.00	57.36 2.55 0.00	60.33 2.18 0.00	69.80 2.17 0.00	69.54 1.99 0.00	65.33 1.82 0.00	58.12 1.93 0.00	52.28 2.00 0.00
POLETTI____ 23519	32.64 2.04 0.00	30.16 1.98 0.00	29.45 1.96 0.00	32.59 1.96 0.00	32.12 1.83 0.00	31.24 1.70 0.00	29.32 1.53 0.00	29.80 1.53 0.00	28.50 1.47 0.00	34.48 1.72 0.00	40.64 2.40 0.00	43.27 2.70 -0.14	45.48 2.99 -0.10	47.04 3.16 -0.37	47.78 3.19 -0.53	48.99 3.04 -0.52	52.68 2.71 0.00	57.31 2.49 0.00	60.05 1.90 0.00	69.27 1.64 0.00	68.99 1.45 0.00	64.91 1.41 0.00	58.00 1.81 0.00	52.38 2.10 0.00
POMONA___ESR 323819	32.43 1.83 0.00	29.99 1.80 0.00	29.29 1.80 0.00	32.46 1.83 0.00	31.99 1.69 0.00	31.13 1.59 0.00	29.20 1.42 0.00	29.66 1.38 0.00	28.34 1.31 0.00	34.29 1.53 0.00	40.37 2.13 0.00	43.01 2.44 -0.13	45.22 2.73 -0.09	46.79 2.93 -0.35	47.55 3.00 -0.49	48.78 2.86 -0.49	52.56 2.59 0.00	57.27 2.45 0.00	60.07 1.93 0.00	69.41 1.78 0.00	69.10 1.55 0.00	64.85 1.35 0.00	57.80 1.60 0.00	52.09 1.81 0.00
PORT_JEFF_3 23555	31.98 1.38 0.00	29.91 1.73 0.00	29.19 1.70 0.00	32.30 1.68 0.00	31.75 1.46 0.00	30.82 1.28 0.00	28.98 1.19 0.00	29.09 0.81 0.00	27.49 0.81 0.35	34.11 1.35 0.00	41.14 2.90 0.00	43.77 3.19 -0.14	45.87 3.42 -0.05	47.35 3.44 -0.40	48.13 3.54 -0.52	46.38 2.99 2.04	50.08 2.15 2.04	54.39 1.95 2.38	59.09 0.95 0.00	52.41 0.38 15.60	34.61 0.35 33.29	43.48 0.30 20.32	38.93 0.51 17.78	36.31 0.77 14.74
PORT_JEFF_4 23616	31.98 1.38 0.00	29.91 1.73 0.00	29.19 1.70 0.00	32.30 1.68 0.00	31.75 1.46 0.00	30.82 1.28 0.00	28.98 1.19 0.00	29.09 0.81 0.00	27.49 0.81 0.35	34.11 1.35 0.00	41.14 2.90 0.00	43.77 3.19 -0.14	45.87 3.42 -0.05	47.35 3.44 -0.40	48.13 3.54 -0.52	46.38 2.99 2.04	50.08 2.15 2.04	54.39 1.95 2.38	59.09 0.95 0.00	52.41 0.38 15.60	34.61 0.35 33.29	43.48 0.30 20.32	38.93 0.51 17.78	36.31 0.77 14.74

PORT_JEFF_IC 23713	32.02 1.43 0.00	29.95 1.77 0.00	29.23 1.74 0.00	32.34 1.72 0.00	31.80 1.50 0.00	30.87 1.33 0.00	29.04 1.24 0.00	29.14 0.86 0.00	27.54 0.85 0.35	34.18 1.42 0.00	41.22 2.97 0.00	43.89 3.31 -0.14	46.12 3.67 -0.06	47.60 3.69 -0.40	48.39 3.80 -0.53	46.83 3.40 2.00	49.62 2.33 2.68	53.64 1.95 3.13	59.07 0.93 0.00	52.49 0.41 15.55	34.96 0.57 33.16	43.76 0.51 20.25	39.17 0.68 17.71	36.54 0.94 14.68
PPL PILGRIM_ST_GT1 24216	32.33 1.73 0.00	30.21 2.03 0.00	29.47 1.98 0.00	32.59 1.96 0.00	32.04 1.75 0.00	31.13 1.59 0.00	29.23 1.44 0.00	29.40 1.12 0.00	27.76 1.08 0.34	34.41 1.65 0.00	41.40 3.15 0.00	44.07 3.49 -0.14	46.19 3.73 -0.07	47.64 3.71 -0.41	48.37 3.78 -0.53	46.84 3.25 1.83	49.94 2.48 2.51	54.41 2.53 2.93	59.76 1.62 0.00	53.39 1.08 15.31	35.84 0.93 32.63	44.39 0.84 19.94	39.76 1.00 17.44	37.11 1.29 14.46
PPL PILGRIM_ST_GT2 24217	32.33 1.73 0.00	30.21 2.03 0.00	29.47 1.98 0.00	32.59 1.96 0.00	32.04 1.75 0.00	31.13 1.59 0.00	29.23 1.44 0.00	29.40 1.12 0.00	27.76 1.08 0.34	34.41 1.65 0.00	41.40 3.15 0.00	44.07 3.49 -0.14	46.19 3.73 -0.07	47.64 3.71 -0.41	48.37 3.78 -0.53	46.84 3.25 1.83	49.94 2.48 2.51	54.41 2.53 2.93	59.76 1.62 0.00	53.39 1.08 15.31	35.84 0.93 32.63	44.39 0.84 19.94	39.76 1.00 17.44	37.11 1.29 14.46
PPL_SHRM_GT3 24213	31.81 1.21 0.00	29.76 1.58 0.00	29.02 1.53 0.00	32.22 1.60 0.00	31.66 1.37 0.00	30.76 1.22 0.00	29.03 1.23 0.00	28.93 0.65 0.00	27.35 0.67 0.35	33.96 1.20 0.00	40.93 2.68 0.00	43.55 2.97 -0.14	45.66 3.22 -0.06	47.16 3.25 -0.40	47.96 3.37 -0.52	46.21 2.80 2.02	49.89 2.10 2.18	54.42 2.14 2.54	59.26 1.12 0.00	52.59 0.54 15.58	34.65 0.32 33.23	43.49 0.28 20.29	38.82 0.37 17.75	36.11 0.54 14.72
PPL_SHRM_GT4 24214	31.81 1.21 0.00	29.76 1.58 0.00	29.02 1.53 0.00	32.22 1.60 0.00	31.66 1.37 0.00	30.76 1.22 0.00	29.03 1.23 0.00	28.93 0.65 0.00	27.35 0.67 0.35	33.96 1.20 0.00	40.93 2.68 0.00	43.55 2.97 -0.14	45.66 3.22 -0.06	47.16 3.25 -0.40	47.96 3.37 -0.52	46.21 2.80 2.02	49.89 2.10 2.18	54.42 2.14 2.54	59.26 1.12 0.00	52.59 0.54 15.58	34.65 0.32 33.23	43.49 0.28 20.29	38.82 0.37 17.75	36.11 0.54 14.72
PROJECT___ORANGE 1 24174	30.13 -0.47 0.00	27.76 -0.42 0.00	27.05 -0.44 0.00	30.10 -0.53 0.00	29.78 -0.51 0.00	29.04 -0.50 0.00	27.26 -0.54 0.00	27.70 -0.57 0.00	26.41 -0.62 0.00	32.04 -0.72 0.00	37.44 -0.81 0.00	39.65 -0.79 0.00	41.63 -0.76 0.00	42.80 -0.71 0.00	43.41 -0.65 0.00	44.82 -0.61 0.00	49.45 -0.52 0.00	54.38 -0.44 0.00	57.84 -0.31 0.00	67.32 -0.31 0.00	67.18 -0.37 0.00	63.27 -0.52 -0.29	55.79 -0.48 -0.07	49.92 -0.37 0.00
PROJECT___ORANGE 2 24166	30.13 -0.47 0.00	27.76 -0.42 0.00	27.05 -0.44 0.00	30.10 -0.53 0.00	29.78 -0.51 0.00	29.04 -0.50 0.00	27.26 -0.54 0.00	27.70 -0.57 0.00	26.41 -0.62 0.00	32.04 -0.72 0.00	37.44 -0.81 0.00	39.65 -0.79 0.00	41.63 -0.76 0.00	42.80 -0.71 0.00	43.41 -0.65 0.00	44.82 -0.61 0.00	49.45 -0.52 0.00	54.38 -0.44 0.00	57.84 -0.31 0.00	67.32 -0.31 0.00	67.18 -0.37 0.00	63.27 -0.52 -0.29	55.79 -0.48 -0.07	49.92 -0.37 0.00
PUCKETT___SOLAR 323809	31.18 0.57 0.00	28.69 0.51 0.00	27.93 0.43 0.00	31.07 0.44 0.00	30.73 0.43 0.00	29.92 0.38 0.00	27.97 0.18 0.00	28.37 0.09 0.00	26.90 -0.13 0.00	32.60 -0.16 0.00	38.21 -0.03 0.00	40.47 0.02 0.00	42.33 -0.06 0.00	43.43 -0.08 0.00	44.17 0.11 0.00	45.49 0.06 0.00	50.24 0.27 0.00	55.23 0.41 0.00	58.87 0.73 0.00	68.86 1.23 0.00	68.92 1.37 0.00	64.74 1.04 -0.20	57.14 0.90 -0.05	51.22 0.94 0.00
PYRITES___HYD 24023	31.61 1.01 0.00	28.84 0.66 0.00	28.06 0.57 0.00	31.29 0.66 0.00	31.06 0.77 0.00	30.35 0.81 0.00	28.62 0.83 0.00	29.02 0.74 0.00	27.73 0.70 0.00	33.74 0.99 0.00	39.23 0.99 0.00	41.44 1.00 0.00	43.18 0.79 0.00	44.24 0.73 0.00	44.71 0.65 0.00	46.05 0.62 0.00	50.98 1.01 0.00	55.95 1.13 0.00	60.54 2.40 0.00	71.09 3.47 0.00	71.37 3.82 0.00	67.36 3.85 0.00	59.11 2.91 0.00	52.50 2.22 0.00
QUAKERRD_115KV_BK1 80622	29.26 -1.34 0.00	26.99 -1.19 0.00	26.30 -1.20 0.00	29.16 -1.47 0.00	28.92 -1.37 0.00	28.20 -1.34 0.00	26.48 -1.31 0.00	26.95 -1.33 0.00	25.87 -1.16 0.00	31.54 -1.22 0.00	36.63 -1.61 0.00	38.76 -1.68 0.00	40.62 -1.78 0.00	41.73 -1.78 0.00	42.31 -1.75 0.00	43.83 -1.59 0.00	48.53 -1.44 0.00	53.45 -1.36 0.00	57.00 -1.15 0.00	66.25 -1.37 0.00	66.05 -1.50 0.00	61.91 -1.59 0.00	54.80 -1.40 0.00	49.21 -1.08 0.00
QUENSBRY_115KV_TB8 356137	32.21 1.61 0.00	29.82 1.64 0.00	29.15 1.66 0.00	32.59 1.96 0.00	32.06 1.77 0.00	31.30 1.76 0.00	29.38 1.59 0.00	29.68 1.40 0.00	27.98 0.95 0.00	33.64 0.88 0.00	39.00 0.75 0.00	41.17 0.85 0.12	43.12 0.81 0.08	44.23 1.04 0.32	44.63 1.02 0.46	46.26 1.28 0.45	51.63 1.67 0.00	57.51 2.69 0.00	61.57 3.42 0.00	71.86 4.23 0.00	71.80 4.25 0.00	67.36 3.85 0.00	59.58 3.39 0.00	53.11 2.83 0.00
RAMAPO___LBMP 323565	32.19 1.58 0.00	29.77 1.58 0.00	29.09 1.60 0.00	32.24 1.61 0.00	31.77 1.48 0.00	30.94 1.39 0.00	29.01 1.22 0.00	29.46 1.18 0.00	28.14 1.11 0.00	34.03 1.28 0.00	40.06 1.81 0.00	42.64 2.08 -0.12	44.80 2.32 -0.09	46.34 2.49 -0.34	47.10 2.55 -0.49	48.30 2.39 -0.48	52.07 2.10 0.00	56.75 1.93 0.00	59.54 1.39 0.00	68.83 1.20 0.00	68.61 1.06 0.00	64.53 1.03 0.00	57.54 1.35 0.00	51.85 1.57 0.00
RANKINE____ 23646	29.40 -1.20 0.00	27.12 -1.06 0.00	26.39 -1.10 0.00	29.18 -1.45 0.00	28.99 -1.30 0.00	28.29 -1.25 0.00	26.53 -1.27 0.00	27.04 -1.24 0.00	26.14 -0.89 0.00	32.02 -0.73 0.00	37.03 -1.22 0.00	39.18 -1.26 0.00	40.92 -1.47 0.00	41.97 -1.55 0.00	42.54 -1.53 0.00	43.98 -1.44 0.00	48.83 -1.14 0.00	53.73 -1.09 0.00	57.40 -0.74 0.00	66.90 -0.72 0.00	66.74 -0.81 0.00	62.59 -0.92 0.00	55.59 -0.61 0.00	50.17 -0.11 0.00
RAVENSWOOD_GT2_1 24244	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.61 1.99 0.00	32.14 1.85 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.69 2.45 0.00	43.33 2.75 -0.14	45.54 3.05 -0.10	47.09 3.21 -0.37	47.84 3.25 -0.53	49.05 3.10 -0.52	52.76 2.79 0.00	57.41 2.59 0.00	60.18 2.03 0.00	69.42 1.80 0.00	69.15 1.60 0.00	65.05 1.55 0.00	58.12 1.92 0.00	52.48 2.19 0.00
RAVENSWOOD_GT2_2 24245	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.61 1.99 0.00	32.14 1.85 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.69 2.45 0.00	43.33 2.75 -0.14	45.54 3.05 -0.10	47.09 3.21 -0.37	47.84 3.25 -0.53	49.05 3.10 -0.52	52.76 2.79 0.00	57.41 2.59 0.00	60.18 2.03 0.00	69.42 1.80 0.00	69.15 1.60 0.00	65.05 1.55 0.00	58.12 1.92 0.00	52.48 2.19 0.00



RAVENSWOOD_GT2_3 24246	32.66 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 2.00 0.00	32.16 1.87 0.00	31.29 1.75 0.00	29.37 1.58 0.00	29.85 1.57 0.00	28.53 1.51 0.00	34.53 1.77 0.00	40.72 2.47 0.00	43.35 2.78 -0.14	45.57 3.08 -0.10	47.13 3.24 -0.37	47.87 3.28 -0.53	49.08 3.13 -0.52	52.78 2.82 0.00	57.45 2.63 0.00	60.20 2.06 0.00	69.46 1.84 0.00	69.19 1.64 0.00	65.10 1.60 0.00	58.16 1.96 0.00	52.51 2.22 0.00
RAVENSWOOD_GT2_4 24247	32.66 2.06 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 2.00 0.00	32.16 1.87 0.00	31.29 1.75 0.00	29.37 1.58 0.00	29.85 1.57 0.00	28.53 1.51 0.00	34.53 1.77 0.00	40.72 2.47 0.00	43.35 2.78 -0.14	45.57 3.08 -0.10	47.13 3.24 -0.37	47.87 3.28 -0.53	49.08 3.13 -0.52	52.78 2.82 0.00	57.45 2.63 0.00	60.20 2.06 0.00	69.46 1.84 0.00	69.19 1.64 0.00	65.10 1.60 0.00	58.16 1.96 0.00	52.51 2.22 0.00
RAVENSWOOD_GT3_1 24248	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.61 1.99 0.00	32.14 1.85 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.69 2.45 0.00	43.33 2.75 -0.14	45.55 3.06 -0.10	47.10 3.22 -0.37	47.84 3.25 -0.53	49.05 3.10 -0.52	52.76 2.79 0.00	57.41 2.60 0.00	60.18 2.03 0.00	69.42 1.80 0.00	69.15 1.60 0.00	65.05 1.55 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT3_2 24249	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.61 1.99 0.00	32.14 1.85 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.69 2.45 0.00	43.33 2.75 -0.14	45.55 3.06 -0.10	47.10 3.22 -0.37	47.84 3.25 -0.53	49.05 3.10 -0.52	52.76 2.79 0.00	57.41 2.60 0.00	60.18 2.03 0.00	69.42 1.80 0.00	69.15 1.60 0.00	65.05 1.55 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT3_3 24250	32.71 2.10 0.00	30.22 2.04 0.00	29.53 2.03 0.00	32.67 2.04 0.00	32.20 1.91 0.00	31.33 1.79 0.00	29.40 1.61 0.00	29.88 1.60 0.00	28.57 1.54 0.00	34.58 1.82 0.00	40.78 2.53 0.00	43.41 2.84 -0.14	45.64 3.16 -0.10	47.20 3.31 -0.37	47.94 3.35 -0.53	49.16 3.21 -0.52	52.87 2.91 0.00	57.53 2.71 0.00	60.30 2.16 0.00	69.58 1.95 0.00	69.29 1.74 0.00	65.21 1.71 0.00	58.23 2.04 0.00	52.58 2.30 0.00
RAVENSWOOD_GT3_4 24251	32.71 2.10 0.00	30.22 2.04 0.00	29.53 2.03 0.00	32.67 2.04 0.00	32.20 1.91 0.00	31.33 1.79 0.00	29.40 1.61 0.00	29.88 1.60 0.00	28.57 1.54 0.00	34.58 1.82 0.00	40.78 2.53 0.00	43.41 2.84 -0.14	45.64 3.16 -0.10	47.20 3.31 -0.37	47.94 3.35 -0.53	49.16 3.21 -0.52	52.87 2.91 0.00	57.53 2.71 0.00	60.30 2.16 0.00	69.58 1.95 0.00	69.29 1.74 0.00	65.21 1.71 0.00	58.23 2.04 0.00	52.58 2.30 0.00
RAVENSWOOD_GT_1 23729	32.71 2.11 0.00	30.21 2.04 0.00	29.53 2.03 0.00	32.60 1.97 0.00	32.15 1.85 0.00	31.28 1.74 0.00	29.37 1.58 0.00	29.88 1.60 0.00	28.57 1.55 0.00	34.54 1.78 0.00	40.69 2.45 0.00	43.36 2.78 -0.14	45.58 3.10 -0.10	47.15 3.26 -0.37	47.90 3.31 -0.53	49.13 3.18 -0.52	52.79 2.82 0.00	57.32 2.50 0.00	60.10 1.96 0.00	69.14 1.52 0.00	68.63 1.27 0.18	64.75 1.32 0.08	58.04 1.84 0.00	52.47 2.19 0.00
RAVENSWOOD_GT_10 24258	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.70 2.45 0.00	43.33 2.75 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.05 3.10 -0.52	52.76 2.79 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.45 1.83 0.00	69.16 1.61 0.00	65.08 1.58 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT_11 24259	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.70 2.45 0.00	43.33 2.75 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.05 3.10 -0.52	52.76 2.79 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.45 1.83 0.00	69.16 1.61 0.00	65.08 1.58 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT_4 24252	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.61 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.56 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.06 3.11 -0.52	52.77 2.80 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.42 1.80 0.00	69.15 1.60 0.00	65.07 1.56 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT_5 24254	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.61 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.56 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.06 3.11 -0.52	52.77 2.80 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.42 1.80 0.00	69.15 1.60 0.00	65.07 1.56 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT_6 24253	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.61 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.56 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.06 3.11 -0.52	52.77 2.80 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.42 1.80 0.00	69.15 1.60 0.00	65.07 1.56 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT_7 24255	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.61 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.56 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.70 2.45 0.00	43.33 2.76 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.06 3.11 -0.52	52.77 2.80 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.42 1.80 0.00	69.15 1.60 0.00	65.07 1.56 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.70 2.45 0.00	43.33 2.75 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.05 3.10 -0.52	52.76 2.79 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.45 1.83 0.00	69.16 1.61 0.00	65.08 1.58 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RAVENSWOOD_GT_9 24257	32.65 2.05 0.00	30.17 1.99 0.00	29.47 1.98 0.00	32.62 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.75 0.00	40.70 2.45 0.00	43.33 2.75 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.05 3.10 -0.52	52.76 2.79 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.45 1.83 0.00	69.16 1.61 0.00	65.08 1.58 0.00	58.12 1.92 0.00	52.48 2.20 0.00

RAVENSWOOD___1 23533	32.66 2.06 0.00	30.15 1.97 0.00	29.46 1.97 0.00	32.53 1.90 0.00	32.08 1.78 0.00	31.21 1.67 0.00	29.31 1.52 0.00	29.81 1.53 0.00	28.52 1.49 0.00	34.46 1.70 0.00	40.58 2.34 0.00	43.25 2.67 -0.14	45.48 2.99 -0.10	47.03 3.14 -0.37	47.78 3.20 -0.53	49.03 3.08 -0.52	52.64 2.68 0.00	57.18 2.36 0.00	59.95 1.81 0.00	68.91 1.28 0.00	68.29 1.02 0.28	64.52 1.13 0.12	57.89 1.70 0.00	52.34 2.06 0.00
RAVENSWOOD___2 23534	32.61 2.00 0.00	30.11 1.93 0.00	29.43 1.94 0.00	32.49 1.87 0.00	32.04 1.75 0.00	31.18 1.64 0.00	29.28 1.49 0.00	29.78 1.50 0.00	28.49 1.46 0.00	34.42 1.66 0.00	40.52 2.28 0.00	43.16 2.58 -0.14	45.37 2.88 -0.10	46.92 3.04 -0.37	47.68 3.09 -0.53	48.92 2.97 -0.52	52.51 2.55 0.00	57.02 2.20 0.00	59.77 1.63 0.00	68.52 0.90 0.00	67.83 0.52 0.24	64.12 0.72 0.10	57.61 1.41 0.00	52.21 1.93 0.00
RAVENSWOOD___3 23535	32.65 2.05 0.00	30.17 1.99 0.00	29.48 1.99 0.00	32.61 1.99 0.00	32.15 1.86 0.00	31.28 1.74 0.00	29.36 1.56 0.00	29.83 1.55 0.00	28.52 1.49 0.00	34.51 1.76 0.00	40.69 2.45 0.00	43.33 2.76 -0.14	45.55 3.07 -0.10	47.10 3.22 -0.37	47.85 3.26 -0.53	49.06 3.11 -0.52	52.76 2.79 0.00	57.42 2.60 0.00	60.18 2.04 0.00	69.42 1.80 0.00	69.14 1.60 0.00	65.05 1.55 0.00	58.12 1.92 0.00	52.47 2.19 0.00
RAVENSWOOD___4 23820	32.65 2.05 0.00	30.15 1.97 0.00	29.46 1.97 0.00	32.53 1.90 0.00	32.08 1.78 0.00	31.21 1.67 0.00	29.31 1.52 0.00	29.81 1.53 0.00	28.52 1.49 0.00	34.46 1.70 0.00	40.58 2.34 0.00	43.25 2.67 -0.14	45.48 2.99 -0.10	47.03 3.14 -0.37	47.78 3.20 -0.53	49.03 3.08 -0.52	52.64 2.68 0.00	57.18 2.36 0.00	59.95 1.81 0.00	68.91 1.28 0.00	68.29 1.02 0.28	64.52 1.13 0.12	57.89 1.70 0.00	52.34 2.06 0.00
RCPL_TRUST___DRP 24196	32.66 2.06 0.00	30.19 2.01 0.00	29.48 1.99 0.00	32.61 1.99 0.00	32.15 1.86 0.00	31.27 1.73 0.00	29.35 1.56 0.00	29.84 1.57 0.00	28.53 1.50 0.00	34.53 1.77 0.00	40.73 2.48 0.00	43.35 2.77 -0.14	45.56 3.08 -0.10	47.13 3.25 -0.37	47.87 3.27 -0.53	49.08 3.13 -0.52	52.78 2.82 0.00	57.44 2.62 0.00	60.19 2.04 0.00	69.45 1.82 0.00	69.16 1.61 0.00	65.06 1.56 0.00	58.12 1.92 0.00	52.48 2.20 0.00
RED___ROCHESTER 323720	30.05 -0.55 0.00	27.70 -0.48 0.00	26.96 -0.53 0.00	29.87 -0.75 0.00	29.64 -0.66 0.00	28.89 -0.64 0.00	27.11 -0.68 0.00	27.61 -0.66 0.00	26.54 -0.49 0.00	32.41 -0.35 0.00	37.63 -0.62 0.00	39.84 -0.60 0.00	41.76 -0.63 0.00	42.92 -0.59 0.00	43.56 -0.50 0.00	45.15 -0.27 0.00	50.05 0.09 0.00	55.18 0.36 0.00	58.88 0.73 0.00	68.42 0.79 0.00	68.18 0.63 0.00	63.87 0.37 0.00	56.55 0.35 0.00	50.81 0.52 0.00
REGAN___SOLAR 323812	32.45 1.85 0.00	29.82 1.65 0.00	29.05 1.56 0.00	32.29 1.67 0.00	31.95 1.66 0.00	31.14 1.60 0.00	29.15 1.36 0.00	29.05 0.77 0.00	27.19 0.16 0.00	32.72 -0.04 0.00	38.06 -0.18 0.08	40.09 -0.27 0.06	42.05 -0.28 0.22	43.10 -0.19 0.31	43.70 -0.05 0.31	45.29 0.17 0.00	50.89 0.92 0.00	55.86 1.04 0.00	60.65 2.50 0.00	71.80 4.18 0.00	72.43 4.88 0.00	68.08 4.58 0.00	60.11 3.91 0.00	53.70 3.41 0.00
RENSSELAER___COGEN 23796	31.19 0.59 0.00	28.89 0.71 0.00	28.28 0.79 0.00	31.60 0.97 0.00	31.23 0.94 0.00	30.43 0.89 0.00	28.56 0.77 0.00	28.95 0.67 0.00	27.47 0.44 0.00	33.15 0.40 0.00	38.73 0.49 0.11	40.78 0.45 0.07	42.71 0.39 0.29	43.42 0.20 0.13	43.78 0.13 0.41	45.20 0.18 0.41	50.08 0.11 0.00	54.95 0.13 0.00	58.14 0.00 0.00	67.56 -0.06 0.00	67.40 -0.15 0.00	63.41 -0.09 0.00	56.28 0.09 0.00	50.52 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.67 3.07 0.00	31.26 3.08 0.00	30.77 3.28 0.00	34.48 3.85 0.00	33.60 3.31 0.00	32.90 3.36 0.00	30.74 2.95 0.00	31.00 2.73 0.00	29.07 2.04 0.00	34.83 2.07 0.00	40.37 2.12 0.12	42.55 2.23 0.08	44.49 2.18 0.33	46.07 2.88 0.47	46.48 2.89 0.46	48.29 3.32 0.46	54.03 4.07 0.00	60.94 6.12 0.00	65.02 6.88 0.00	76.18 8.55 0.00	75.89 8.34 0.00	71.30 7.80 0.00	63.46 7.26 0.00	55.92 5.64 0.00
REVERE_CPPR_DRP 24186	31.75 1.14 0.00	29.17 0.99 0.00	28.41 0.92 0.00	31.61 0.98 0.00	31.26 0.97 0.00	30.48 0.94 0.00	28.63 0.84 0.00	28.98 0.70 0.00	27.46 0.43 0.00	33.21 0.46 0.00	38.78 0.53 0.00	40.98 0.54 0.00	43.05 0.65 0.00	44.32 0.81 0.00	44.97 0.90 0.00	46.41 0.98 0.00	51.39 1.42 0.00	56.69 1.86 0.00	60.65 2.50 0.00	71.06 3.43 0.00	71.15 3.60 0.00	66.91 3.27 -0.14	58.97 2.74 -0.04	52.60 2.32 0.00
REYNLDPA_13_KV_LD 356490	30.85 0.25 0.00	28.23 0.05 0.00	27.50 0.00 0.00	30.66 0.03 0.00	30.37 0.08 0.00	29.68 0.13 0.00	27.99 0.20 0.00	28.54 0.26 0.00	27.50 0.47 0.00	33.49 0.73 0.00	38.97 0.72 0.00	41.14 0.70 0.00	43.00 0.60 0.00	44.04 0.53 0.00	44.56 0.50 0.00	45.95 0.52 0.00	50.69 0.72 0.00	55.61 0.79 0.00	59.10 0.96 0.00	68.84 1.21 0.00	68.90 1.35 0.00	64.88 1.38 0.00	57.19 0.99 0.00	50.94 0.66 0.00
REYNOLDS_115KV_TB3 80639	31.41 0.80 0.00	29.09 0.91 0.00	28.46 0.97 0.00	31.81 1.18 0.00	31.43 1.14 0.00	30.63 1.08 0.00	28.73 0.94 0.00	29.12 0.83 0.00	27.62 0.60 0.00	33.32 0.56 0.00	38.90 0.65 0.13	40.92 0.61 0.09	42.90 0.60 0.35	43.66 0.50 0.50	44.01 0.44 0.49	45.42 0.49 0.49	50.40 0.43 0.00	55.35 0.53 0.00	58.57 0.43 0.00	68.06 0.44 0.00	67.87 0.32 0.00	63.89 0.39 0.00	56.71 0.51 0.00	50.91 0.63 0.00
RIVERBAY____ 323610	33.46 2.86 0.00	30.91 2.73 0.00	30.21 2.72 0.00	33.42 2.79 0.00	32.98 2.69 0.00	32.11 2.57 0.00	30.11 2.32 0.00	30.68 2.40 0.00	29.28 2.25 0.00	35.41 2.66 0.00	41.72 3.47 0.00	44.44 3.87 -0.14	46.73 4.24 -0.10	48.31 4.42 -0.37	49.07 4.48 -0.53	50.37 4.42 -0.52	54.25 4.29 0.00	59.01 4.19 0.00	61.92 3.78 0.00	71.29 3.66 0.00	71.12 3.57 0.00	67.00 3.50 0.00	60.06 3.86 0.00	54.18 3.90 0.00
RIVERSDE_115KV_TB3 55908	31.35 0.75 0.00	29.03 0.85 0.00	28.40 0.91 0.00	31.73 1.10 0.00	31.36 1.06 0.00	30.57 1.03 0.00	28.68 0.88 0.00	29.06 0.78 0.00	27.58 0.55 0.00	33.28 0.52 0.00	38.87 0.62 0.00	40.91 0.59 0.12	42.87 0.55 0.08	43.60 0.42 0.32	43.97 0.36 0.46	45.38 0.41 0.45	50.35 0.38 0.00	55.28 0.45 0.00	58.50 0.35 0.00	67.98 0.35 0.00	67.79 0.24 0.00	63.78 0.28 0.00	56.61 0.41 0.00	50.81 0.52 0.00
ROARING___BROOK_WT_PWR 323790	30.62 0.02 0.00	28.15 -0.03 0.00	27.46 -0.03 0.00	30.59 -0.04 0.00	30.26 -0.03 0.00	29.54 0.00 0.00	27.80 0.01 0.00	28.29 0.01 0.00	27.07 0.04 0.00	32.85 0.09 0.00	38.30 0.06 0.00	40.48 0.04 0.00	42.37 -0.02 0.00	43.45 -0.07 0.00	43.90 -0.16 0.00	45.25 -0.18 0.00	49.85 -0.12 0.00	54.70 -0.12 0.00	58.15 0.01 0.00	67.75 0.13 0.00	67.71 0.16 0.00	63.69 0.19 0.00	56.31 0.11 0.00	50.34 0.06 0.00

ROCHESRG_115KV_T4 355643	29.71 -0.89 0.00	27.42 -0.77 0.00	26.71 -0.78 0.00	29.59 -1.03 0.00	29.37 -0.93 0.00	28.63 -0.91 0.00	26.88 -0.92 0.00	27.36 -0.92 0.00	26.30 -0.73 0.00	32.10 -0.66 0.00	37.23 -1.01 0.00	39.40 -1.04 0.00	41.26 -1.14 0.00	42.36 -1.15 0.00	42.95 -1.12 0.00	44.47 -0.96 0.00	49.25 -0.72 0.00	54.24 -0.58 0.00	57.87 -0.28 0.00	67.28 -0.34 0.00	67.10 -0.45 0.00	62.92 -0.59 0.00	55.72 -0.47 0.00	50.11 -0.17 0.00
ROCHESTER_9_IC 23652	29.89 -0.71 0.00	27.56 -0.62 0.00	26.85 -0.64 0.00	29.74 -0.89 0.00	29.50 -0.79 0.00	28.78 -0.76 0.00	27.00 -0.79 0.00	27.49 -0.79 0.00	26.42 -0.60 0.00	32.26 -0.50 0.00	37.43 -0.81 0.00	39.63 -0.81 0.00	41.52 -0.88 0.00	42.65 -0.86 0.00	43.26 -0.80 0.00	44.82 -0.61 0.00	49.65 -0.32 0.00	54.70 -0.12 0.00	58.38 0.24 0.00	67.85 0.22 0.00	67.64 0.10 0.00	63.42 -0.08 0.00	56.15 -0.05 0.00	50.47 0.19 0.00
ROCKVIEW_13_KV_LD 356306	32.70 2.09 0.00	30.22 2.04 0.00	29.51 2.02 0.00	32.67 2.04 0.00	32.19 1.90 0.00	31.32 1.78 0.00	29.39 1.60 0.00	29.86 1.58 0.00	28.53 1.50 0.00	34.55 1.80 0.00	40.76 2.52 0.00	43.40 2.82 -0.14	45.61 3.12 -0.10	47.18 3.29 -0.37	47.94 3.34 -0.53	49.17 3.22 -0.52	52.94 2.98 0.00	57.69 2.87 0.00	60.48 2.34 0.00	69.82 2.19 0.00	69.55 2.00 0.00	65.41 1.91 0.00	58.37 2.17 0.00	52.64 2.36 0.00
ROME____115KV_TB2 80656	31.75 1.14 0.00	29.17 0.99 0.00	28.41 0.92 0.00	31.61 0.98 0.00	31.26 0.97 0.00	30.48 0.94 0.00	28.63 0.84 0.00	28.98 0.70 0.00	27.46 0.43 0.00	33.21 0.46 0.00	38.78 0.53 0.00	40.98 0.54 0.00	43.05 0.65 0.00	44.32 0.81 0.00	44.97 0.90 0.00	46.41 0.98 0.00	51.39 1.42 0.00	56.69 1.86 0.00	60.65 2.50 0.00	71.06 3.43 0.00	71.15 3.60 0.00	66.91 3.27 -0.14	58.97 2.74 -0.04	52.60 2.32 0.00
ROSETON___1 23587	31.98 1.38 0.00	29.56 1.38 0.00	28.89 1.40 0.00	32.07 1.44 0.00	31.64 1.35 0.00	30.80 1.26 0.00	28.91 1.11 0.00	29.34 1.06 0.00	27.97 0.94 0.00	33.82 1.06 0.00	39.74 1.50 0.00	42.25 1.69 -0.13	44.35 1.87 -0.09	45.84 1.98 -0.34	46.57 2.02 -0.49	47.83 1.91 -0.48	51.65 1.69 0.00	56.41 1.59 0.00	59.32 1.17 0.00	68.63 1.00 0.00	68.40 0.85 0.00	64.32 0.82 0.00	57.32 1.12 0.00	51.62 1.34 0.00
ROSETON___2 23588	31.98 1.38 0.00	29.56 1.38 0.00	28.89 1.40 0.00	32.07 1.44 0.00	31.64 1.35 0.00	30.80 1.26 0.00	28.91 1.11 0.00	29.34 1.06 0.00	27.97 0.94 0.00	33.82 1.06 0.00	39.74 1.50 0.00	42.25 1.69 -0.13	44.35 1.87 -0.09	45.84 1.98 -0.34	46.57 2.02 -0.49	47.83 1.91 -0.48	51.65 1.69 0.00	56.41 1.59 0.00	59.32 1.17 0.00	68.63 1.00 0.00	68.40 0.85 0.00	64.32 0.82 0.00	57.32 1.12 0.00	51.62 1.34 0.00
ROTRRDAM_115KV_TB3 80664	31.45 0.84 0.00	29.02 0.84 0.00	28.34 0.85 0.00	31.61 0.98 0.00	31.23 0.94 0.00	30.45 0.91 0.00	28.58 0.79 0.00	28.96 0.69 0.00	27.47 0.44 0.00	33.17 0.41 0.00	38.73 0.49 0.00	40.87 0.51 0.09	42.89 0.57 0.06	43.89 0.63 0.25	44.35 0.64 0.36	45.78 0.71 0.35	50.71 0.75 0.00	55.77 0.95 0.00	59.19 1.05 0.00	68.91 1.28 0.00	68.87 1.32 0.00	64.72 1.22 0.00	57.37 1.18 0.00	51.43 1.15 0.00
RUSSELL___1 23602	30.05 -0.55 0.00	27.70 -0.48 0.00	26.97 -0.52 0.00	29.87 -0.75 0.00	29.63 -0.66 0.00	28.89 -0.65 0.00	27.12 -0.67 0.00	27.61 -0.67 0.00	26.54 -0.48 0.00	32.41 -0.35 0.00	37.62 -0.63 0.00	39.84 -0.60 0.00	41.76 -0.63 0.00	42.92 -0.59 0.00	43.56 -0.50 0.00	45.16 -0.27 0.00	50.06 0.09 0.00	55.18 0.36 0.00	58.87 0.73 0.00	68.41 0.78 0.00	68.16 0.61 0.00	63.89 0.39 0.00	56.54 0.34 0.00	50.78 0.50 0.00
RUSSELL___2 23532	30.05 -0.55 0.00	27.70 -0.48 0.00	26.97 -0.52 0.00	29.87 -0.75 0.00	29.63 -0.66 0.00	28.89 -0.65 0.00	27.12 -0.67 0.00	27.61 -0.67 0.00	26.54 -0.48 0.00	32.41 -0.35 0.00	37.62 -0.63 0.00	39.84 -0.60 0.00	41.76 -0.63 0.00	42.92 -0.59 0.00	43.56 -0.50 0.00	45.16 -0.27 0.00	50.06 0.09 0.00	55.18 0.36 0.00	58.87 0.73 0.00	68.41 0.78 0.00	68.16 0.61 0.00	63.89 0.39 0.00	56.54 0.34 0.00	50.78 0.50 0.00
RUSSELL___3 23549	30.05 -0.55 0.00	27.70 -0.48 0.00	26.97 -0.52 0.00	29.87 -0.75 0.00	29.63 -0.66 0.00	28.89 -0.65 0.00	27.12 -0.67 0.00	27.61 -0.67 0.00	26.54 -0.48 0.00	32.41 -0.35 0.00	37.62 -0.63 0.00	39.84 -0.60 0.00	41.76 -0.63 0.00	42.92 -0.59 0.00	43.56 -0.50 0.00	45.16 -0.27 0.00	50.06 0.09 0.00	55.18 0.36 0.00	58.87 0.73 0.00	68.41 0.78 0.00	68.16 0.61 0.00	63.89 0.39 0.00	56.54 0.34 0.00	50.78 0.50 0.00
RUSSELL___4 23556	30.05 -0.55 0.00	27.70 -0.48 0.00	26.97 -0.52 0.00	29.87 -0.75 0.00	29.63 -0.66 0.00	28.89 -0.65 0.00	27.12 -0.67 0.00	27.61 -0.67 0.00	26.54 -0.48 0.00	32.41 -0.35 0.00	37.62 -0.63 0.00	39.84 -0.60 0.00	41.76 -0.63 0.00	42.92 -0.59 0.00	43.56 -0.50 0.00	45.16 -0.27 0.00	50.06 0.09 0.00	55.18 0.36 0.00	58.87 0.73 0.00	68.41 0.78 0.00	68.16 0.61 0.00	63.89 0.39 0.00	56.54 0.34 0.00	50.78 0.50 0.00
RUSSELL___STATION 23914	30.05 -0.55 0.00	27.70 -0.48 0.00	26.97 -0.52 0.00	29.87 -0.75 0.00	29.63 -0.66 0.00	28.89 -0.65 0.00	27.12 -0.67 0.00	27.61 -0.67 0.00	26.54 -0.48 0.00	32.41 -0.35 0.00	37.62 -0.63 0.00	39.84 -0.60 0.00	41.76 -0.63 0.00	42.92 -0.59 0.00	43.56 -0.50 0.00	45.16 -0.27 0.00	50.06 0.09 0.00	55.18 0.36 0.00	58.87 0.73 0.00	68.41 0.78 0.00	68.16 0.61 0.00	63.89 0.39 0.00	56.54 0.34 0.00	50.78 0.50 0.00
S SALMON___HYD 24043	30.59 -0.02 0.00	28.14 -0.04 0.00	27.39 -0.10 0.00	30.49 -0.14 0.00	30.15 -0.14 0.00	29.36 -0.18 0.00	27.52 -0.27 0.00	27.91 -0.36 0.00	26.51 -0.52 0.00	32.11 -0.65 0.00	37.51 -0.73 0.00	39.64 -0.80 0.00	41.63 -0.76 0.00	42.73 -0.78 0.00	43.25 -0.81 0.00	44.61 -0.82 0.00	49.46 -0.51 0.00	54.48 -0.34 0.00	58.31 0.16 0.00	68.43 0.80 0.00	68.42 0.87 0.00	64.97 0.84 -0.62	57.08 0.72 -0.16	50.80 0.52 0.00
S.PERRY__115KV_TB1 80734	30.97 0.37 0.00	28.48 0.30 0.00	27.62 0.13 0.00	30.55 -0.07 0.00	30.34 0.05 0.00	29.64 0.10 0.00	27.77 -0.02 0.00	28.05 -0.23 0.00	26.63 -0.40 0.00	32.52 -0.23 0.00	37.78 -0.47 0.00	40.05 -0.39 0.00	41.96 -0.44 0.00	42.99 -0.52 0.00	43.40 -0.66 0.00	44.19 -1.24 0.00	48.64 -1.33 0.00	53.64 -1.18 0.00	57.49 -0.65 0.00	67.88 0.26 0.00	68.66 1.12 0.00	64.41 0.91 0.00	56.94 0.74 0.00	52.29 2.01 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.11 -1.49 0.00	26.89 -1.29 0.00	26.18 -1.31 0.00	28.93 -1.69 0.00	28.77 -1.53 0.00	28.06 -1.48 0.00	26.32 -1.47 0.00	26.84 -1.44 0.00	25.98 -1.05 0.00	31.84 -0.92 0.00	36.74 -1.50 0.00	38.84 -1.60 0.00	40.55 -1.85 0.00	41.54 -1.97 0.00	42.08 -1.98 0.00	43.55 -1.88 0.00	48.35 -1.61 0.00	53.19 -1.63 0.00	56.84 -1.31 0.00	66.18 -1.45 0.00	66.04 -1.50 0.00	61.96 -1.54 0.00	55.06 -1.14 0.00	49.74 -0.54 0.00

SAWYER___23_KV_LOAD 55526	29.11 -1.49 0.00	26.89 -1.29 0.00	26.18 -1.31 0.00	28.93 -1.69 0.00	28.77 -1.53 0.00	28.06 -1.48 0.00	26.32 -1.47 0.00	26.84 -1.44 0.00	25.98 -1.05 0.00	31.84 -0.92 0.00	36.74 -1.50 0.00	38.84 -1.60 0.00	40.55 -1.85 0.00	41.54 -1.97 0.00	42.08 -1.98 0.00	43.55 -1.88 0.00	48.35 -1.61 0.00	53.19 -1.63 0.00	56.84 -1.31 0.00	66.18 -1.45 0.00	66.04 -1.50 0.00	61.96 -1.54 0.00	55.06 -1.14 0.00	49.74 -0.54 0.00
SELKIRK___I 23801	30.83 0.23 0.00	28.91 0.73 0.00	28.34 0.85 0.00	31.67 1.05 0.00	31.35 1.06 0.00	30.56 1.02 0.00	28.67 0.88 0.00	29.03 0.75 0.00	27.50 0.47 0.00	33.19 0.43 0.00	38.77 0.53 0.00	40.88 0.50 0.06	42.84 0.49 0.05	43.69 0.36 0.18	44.14 0.33 0.25	45.59 0.42 0.25	50.30 0.33 0.00	55.26 0.44 0.00	58.55 0.41 0.00	68.15 0.52 0.00	68.07 0.52 0.00	64.02 0.51 0.00	56.79 0.60 0.00	50.96 0.68 0.00
SELKIRK___II 23799	30.94 0.34 0.00	28.75 0.57 0.00	28.23 0.73 0.00	31.55 0.92 0.00	31.20 0.91 0.00	30.40 0.86 0.00	28.54 0.74 0.00	28.94 0.66 0.00	27.47 0.44 0.00	33.17 0.41 0.00	38.77 0.53 0.00	40.87 0.51 0.08	42.84 0.50 0.06	43.70 0.40 0.21	44.13 0.37 0.30	45.52 0.39 0.30	50.27 0.30 0.00	55.14 0.32 0.00	58.33 0.19 0.00	67.77 0.15 0.00	67.64 0.10 0.00	63.64 0.14 0.00	56.47 0.28 0.00	50.70 0.41 0.00
SENECA OSWGO___HYD 24041	29.96 -0.64 0.00	27.60 -0.59 0.00	26.90 -0.59 0.00	29.93 -0.69 0.00	29.62 -0.67 0.00	28.87 -0.67 0.00	27.12 -0.68 0.00	27.55 -0.73 0.00	26.26 -0.77 0.00	31.83 -0.93 0.00	37.17 -1.07 0.00	39.35 -1.09 0.00	41.29 -1.10 0.00	42.42 -1.09 0.00	43.03 -1.03 0.00	44.42 -1.01 0.00	49.05 -0.92 0.00	53.92 -0.90 0.00	57.40 -0.74 0.00	66.84 -0.79 0.00	66.71 -0.84 0.00	63.51 -0.94 -0.94	55.60 -0.84 -0.24	49.57 -0.71 0.00
SENECA___115KV_TB3 355854	29.45 -1.15 0.00	27.17 -1.01 0.00	26.43 -1.06 0.00	29.22 -1.41 0.00	29.03 -1.26 0.00	28.33 -1.21 0.00	26.57 -1.23 0.00	27.08 -1.20 0.00	26.18 -0.84 0.00	32.07 -0.69 0.00	37.09 -1.16 0.00	39.25 -1.19 0.00	40.99 -1.40 0.00	42.04 -1.47 0.00	42.62 -1.45 0.00	44.07 -1.35 0.00	48.93 -1.04 0.00	53.84 -0.99 0.00	57.52 -0.62 0.00	67.04 -0.58 0.00	66.87 -0.68 0.00	62.71 -0.79 0.00	55.70 -0.50 0.00	50.26 -0.02 0.00
SENECA___ENERGY 23797	30.32 -0.28 0.00	27.94 -0.24 0.00	27.18 -0.31 0.00	30.19 -0.44 0.00	29.90 -0.39 0.00	29.17 -0.37 0.00	27.36 -0.43 0.00	27.80 -0.48 0.00	26.47 -0.56 0.00	32.13 -0.63 0.00	37.42 -0.82 0.00	39.65 -0.79 0.00	41.58 -0.81 0.00	42.76 -0.75 0.00	43.44 -0.62 0.00	44.92 -0.51 0.00	49.64 -0.33 0.00	54.72 -0.10 0.00	58.42 0.28 0.00	68.31 0.69 0.00	68.17 0.62 0.00	64.24 0.34 -0.40	56.56 0.26 -0.10	50.64 0.36 0.00
SHOEMAKER___GT 23640	31.89 1.29 0.00	29.45 1.27 0.00	28.77 1.28 0.00	31.93 1.30 0.00	31.52 1.23 0.00	30.68 1.15 0.00	28.80 1.01 0.00	29.23 0.95 0.00	27.84 0.81 0.00	33.66 0.90 0.00	39.49 1.25 0.00	41.96 1.41 -0.11	44.07 1.60 -0.08	45.63 1.81 -0.31	46.38 1.87 -0.44	47.67 1.81 -0.43	51.64 1.68 0.00	56.45 1.63 0.00	59.43 1.29 0.00	68.82 1.20 0.00	68.64 1.09 0.00	64.57 1.07 0.00	57.45 1.26 0.00	51.68 1.40 0.00
SHOEMAKR_138KV_BK 111 55601	31.89 1.29 0.00	29.46 1.28 0.00	28.78 1.29 0.00	31.93 1.31 0.00	31.52 1.23 0.00	30.68 1.15 0.00	28.80 1.00 0.00	29.23 0.95 0.00	27.85 0.82 0.00	33.70 0.94 0.00	39.54 1.30 0.00	42.02 1.47 -0.11	44.13 1.66 -0.08	45.67 1.85 -0.31	46.41 1.91 -0.43	47.69 1.84 -0.43	51.65 1.68 0.00	56.44 1.62 0.00	59.41 1.27 0.00	68.78 1.16 0.00	68.59 1.05 0.00	64.52 1.01 0.00	57.41 1.21 0.00	51.65 1.37 0.00
SHOREHAM_IC_1 23715	31.81 1.21 0.00	29.76 1.58 0.00	29.02 1.53 0.00	32.22 1.60 0.00	31.66 1.37 0.00	30.76 1.22 0.00	29.03 1.23 0.00	28.93 0.65 0.00	27.35 0.67 0.35	33.96 1.20 0.00	40.93 2.68 0.00	43.55 2.97 -0.14	45.66 3.22 -0.06	47.16 3.25 -0.40	47.96 3.37 -0.52	46.21 2.80 2.02	49.89 2.10 2.18	54.42 2.14 2.54	59.26 1.12 0.00	52.59 0.54 15.58	34.65 0.32 33.23	43.49 0.28 20.29	38.82 0.37 17.75	36.11 0.54 14.72
SHOREHAM_IC_2 23716	31.81 1.21 0.00	29.76 1.58 0.00	29.03 1.54 0.00	32.23 1.60 0.00	31.66 1.37 0.00	30.76 1.22 0.00	29.03 1.23 0.00	28.94 0.66 0.00	27.36 0.68 0.35	33.96 1.21 0.00	40.93 2.68 0.00	43.56 2.98 -0.14	45.78 3.33 -0.06	47.28 3.37 -0.40	48.07 3.48 -0.52	46.47 3.06 2.02	49.90 2.11 2.18	54.42 2.14 2.54	59.26 1.12 0.00	52.61 0.56 15.58	34.65 0.33 33.23	43.52 0.30 20.29	38.87 0.42 17.75	36.18 0.62 14.72
SISSONVILLE___ 23735	31.11 0.51 0.00	28.41 0.23 0.00	27.65 0.16 0.00	30.83 0.21 0.00	30.64 0.34 0.00	29.93 0.39 0.00	28.23 0.44 0.00	28.70 0.42 0.00	27.57 0.54 0.00	33.61 0.85 0.00	39.09 0.84 0.00	41.26 0.82 0.00	43.08 0.68 0.00	44.12 0.61 0.00	44.59 0.53 0.00	45.93 0.50 0.00	50.83 0.86 0.00	55.74 0.92 0.00	59.70 1.56 0.00	69.94 2.31 0.00	70.13 2.58 0.00	66.23 2.65 -0.08	58.12 1.91 -0.02	51.64 1.36 0.00
SITHE_IND_GS1 24169	29.58 -1.02 0.00	27.26 -0.92 0.00	26.58 -0.91 0.00	29.59 -1.04 0.00	29.27 -1.02 0.00	28.54 -1.00 0.00	26.81 -0.98 0.00	27.26 -1.02 0.00	26.01 -1.01 0.00	31.55 -1.21 0.00	36.83 -1.42 0.00	38.96 -1.49 0.00	40.87 -1.52 0.00	41.98 -1.54 0.00	42.54 -1.52 0.00	43.89 -1.54 0.00	48.37 -1.60 0.00	53.16 -1.66 0.00	56.48 -1.66 0.00	65.74 -1.89 0.00	65.61 -1.92 0.02	58.87 -1.90 2.74	53.83 -1.67 0.71	48.88 -1.40 0.00
SITHE_IND_GS2 24170	29.58 -1.02 0.00	27.26 -0.92 0.00	26.58 -0.91 0.00	29.59 -1.04 0.00	29.27 -1.02 0.00	28.54 -1.00 0.00	26.81 -0.98 0.00	27.26 -1.02 0.00	26.01 -1.01 0.00	31.55 -1.21 0.00	36.83 -1.42 0.00	38.96 -1.49 0.00	40.87 -1.52 0.00	41.98 -1.54 0.00	42.54 -1.52 0.00	43.89 -1.54 0.00	48.37 -1.60 0.00	53.16 -1.66 0.00	56.48 -1.66 0.00	65.74 -1.89 0.00	65.61 -1.92 0.02	58.87 -1.90 2.74	53.83 -1.67 0.71	48.88 -1.40 0.00
SITHE_IND_GS3 24171	29.58 -1.02 0.00	27.26 -0.92 0.00	26.58 -0.91 0.00	29.59 -1.04 0.00	29.27 -1.02 0.00	28.54 -1.00 0.00	26.81 -0.98 0.00	27.26 -1.02 0.00	26.01 -1.01 0.00	31.55 -1.21 0.00	36.83 -1.42 0.00	38.96 -1.49 0.00	40.87 -1.52 0.00	41.98 -1.54 0.00	42.54 -1.52 0.00	43.89 -1.54 0.00	48.37 -1.60 0.00	53.16 -1.66 0.00	56.48 -1.66 0.00	65.74 -1.89 0.00	65.61 -1.92 0.02	58.87 -1.90 2.74	53.83 -1.67 0.71	48.88 -1.40 0.00
SITHE_IND_GS4 24172	29.58 -1.02 0.00	27.26 -0.92 0.00	26.58 -0.91 0.00	29.59 -1.04 0.00	29.27 -1.02 0.00	28.54 -1.00 0.00	26.81 -0.98 0.00	27.26 -1.02 0.00	26.01 -1.01 0.00	31.55 -1.21 0.00	36.83 -1.42 0.00	38.96 -1.49 0.00	40.87 -1.52 0.00	41.98 -1.54 0.00	42.54 -1.52 0.00	43.89 -1.54 0.00	48.37 -1.60 0.00	53.16 -1.66 0.00	56.48 -1.66 0.00	65.74 -1.89 0.00	65.61 -1.92 0.02	58.87 -1.90 2.74	53.83 -1.67 0.71	48.88 -1.40 0.00

SITHE___BATAVIA 24024	29.90 -0.70 0.00	27.57 -0.61 0.00	26.85 -0.64 0.00	29.67 -0.96 0.00	29.49 -0.80 0.00	28.77 -0.77 0.00	26.98 -0.81 0.00	27.46 -0.82 0.00	26.43 -0.60 0.00	32.20 -0.56 0.00	37.12 -1.12 0.00	39.21 -1.23 0.00	41.02 -1.38 0.00	42.12 -1.39 0.00	42.77 -1.29 0.00	44.37 -1.06 0.00	49.36 -0.61 0.00	54.55 -0.27 0.00	58.73 0.59 0.00	68.70 1.07 0.00	68.60 1.05 0.00	64.21 0.70 0.00	56.91 0.71 0.00	51.30 1.03 0.00
SITHE___INDEPEND 23800	29.58 -1.02 0.00	27.26 -0.92 0.00	26.58 -0.91 0.00	29.59 -1.04 0.00	29.27 -1.02 0.00	28.54 -1.00 0.00	26.82 -0.98 0.00	27.26 -1.02 0.00	26.01 -1.01 0.00	31.55 -1.21 0.00	36.83 -1.42 0.00	38.95 -1.49 0.00	40.87 -1.53 0.00	41.98 -1.54 0.00	42.54 -1.52 0.00	43.89 -1.54 0.00	48.37 -1.60 0.00	53.16 -1.66 0.00	56.48 -1.66 0.00	65.73 -1.89 0.00	65.61 -1.92 0.02	58.86 -1.91 2.74	53.82 -1.67 0.71	48.88 -1.40 0.00
SITHE___MASSENA 23902	30.88 0.28 0.00	28.25 0.08 0.00	27.52 0.03 0.00	30.69 0.06 0.00	30.41 0.12 0.00	29.71 0.17 0.00	28.03 0.23 0.00	28.56 0.28 0.00	27.50 0.47 0.00	33.53 0.77 0.00	39.01 0.76 0.00	41.18 0.73 0.00	43.02 0.62 0.00	44.07 0.56 0.00	44.58 0.52 0.00	45.95 0.52 0.00	50.72 0.76 0.00	55.57 0.75 0.00	59.17 1.02 0.00	69.00 1.37 0.00	69.11 1.56 0.00	65.14 1.64 0.00	57.31 1.12 0.00	51.05 0.77 0.00
SITHE___OGDNSBRG 24021	31.52 0.92 0.00	28.77 0.58 0.00	28.00 0.51 0.00	31.21 0.59 0.00	30.97 0.68 0.00	30.25 0.71 0.00	28.54 0.75 0.00	28.94 0.66 0.00	27.69 0.66 0.00	33.72 0.96 0.00	39.20 0.96 0.00	41.43 0.99 0.00	43.17 0.78 0.00	44.22 0.71 0.00	44.71 0.64 0.00	46.06 0.63 0.00	50.94 0.97 0.00	55.89 1.07 0.00	60.33 2.19 0.00	70.79 3.17 0.00	71.02 3.47 0.00	67.03 3.53 0.00	58.84 2.65 0.00	52.29 2.01 0.00
SITHE___STERLING 23777	31.39 0.79 0.00	28.87 0.70 0.00	28.12 0.63 0.00	31.29 0.66 0.00	30.95 0.66 0.00	30.17 0.63 0.00	28.33 0.55 0.00	28.70 0.42 0.00	27.22 0.19 0.00	32.95 0.19 0.00	38.50 0.26 0.00	40.72 0.28 0.00	42.78 0.39 0.00	44.06 0.55 0.00	44.68 0.62 0.00	46.09 0.66 0.00	50.94 0.97 0.00	56.16 1.34 0.00	59.89 1.74 0.00	69.99 2.37 0.00	70.10 2.55 0.00	65.92 2.26 -0.16	58.15 1.91 -0.04	51.93 1.65 0.00
SLEIGHT__34_KV_TB1 80719	30.77 0.17 0.00	28.32 0.14 0.00	27.57 0.08 0.00	30.63 0.01 0.00	30.33 0.04 0.00	29.50 -0.04 0.00	27.77 -0.03 0.00	28.18 -0.10 0.00	26.81 -0.21 0.00	32.54 -0.22 0.00	37.88 -0.36 0.00	40.23 -0.21 0.00	42.17 -0.22 0.00	43.45 -0.06 0.00	44.19 0.12 0.00	45.79 0.36 0.00	50.78 0.81 0.00	55.90 1.08 0.00	59.89 1.75 0.00	69.93 2.31 0.00	69.68 2.13 0.00	65.65 1.82 -0.32	57.76 1.48 -0.08	51.62 1.34 0.00
SMITHTWN_69_KV_BK 1 55830	32.18 1.58 0.00	30.07 1.89 0.00	29.34 1.85 0.00	32.46 1.83 0.00	31.91 1.61 0.00	30.97 1.43 0.00	29.12 1.33 0.00	29.26 0.98 0.00	27.67 0.98 0.34	34.33 1.57 0.00	41.41 3.17 0.00	44.12 3.54 -0.14	46.39 3.94 -0.06	47.89 3.98 -0.40	48.68 4.09 -0.53	47.15 3.70 1.98	48.48 2.68 4.18	52.46 2.53 4.88	59.68 1.54 0.00	53.17 1.04 15.50	35.46 0.97 33.05	44.17 0.85 20.19	39.53 0.99 17.65	36.83 1.19 14.64
SOUTH CAIRO___GT 23612	32.03 1.43 0.00	29.67 1.49 0.00	29.04 1.55 0.00	32.46 1.84 0.00	32.11 1.82 0.00	31.31 1.77 0.00	29.38 1.59 0.00	29.78 1.50 0.00	28.14 1.11 0.00	33.83 1.07 0.00	39.41 1.16 0.00	41.62 1.22 0.05	43.53 1.17 0.03	44.53 1.14 0.12	45.00 1.11 0.18	46.72 1.47 0.17	51.67 1.70 0.00	56.92 2.10 0.00	60.85 2.71 0.00	71.02 3.39 0.00	71.08 3.53 0.00	66.80 3.29 0.00	59.05 2.85 0.00	52.78 2.50 0.00
SOUTH HAMPTN___IC 23720	32.52 1.92 0.00	30.38 2.20 0.00	29.60 2.11 0.00	32.81 2.19 0.00	32.24 1.94 0.00	31.31 1.77 0.00	29.54 1.75 0.00	29.52 1.25 0.00	27.98 1.30 0.35	34.79 2.03 0.00	41.97 3.73 0.00	44.65 4.07 -0.14	46.81 4.36 -0.05	48.33 4.42 -0.40	49.16 4.57 -0.52	47.38 3.99 2.03	51.41 3.43 1.98	56.11 3.61 2.32	60.80 2.66 0.00	54.29 2.26 15.60	36.24 1.97 33.28	44.97 1.78 20.32	40.01 1.59 17.77	37.07 1.53 14.74
SOUTHDOW_115KV_TB1 355954	30.53 -0.07 0.00	28.08 -0.10 0.00	27.35 -0.15 0.00	30.29 -0.34 0.00	29.98 -0.32 0.00	29.26 -0.28 0.00	27.46 -0.34 0.00	28.02 -0.26 0.00	27.01 -0.01 0.00	33.09 0.34 0.00	38.51 0.27 0.00	40.88 0.44 0.00	42.61 0.22 0.00	43.77 0.25 0.00	44.45 0.38 0.00	45.81 0.38 0.00	50.75 0.78 0.00	55.80 0.98 0.00	59.53 1.39 0.00	69.54 1.92 0.00	69.29 1.74 0.00	64.93 1.43 0.00	57.49 1.30 0.00	51.72 1.44 0.00
SOUTHOLD_69_KV_BK 2 55809	33.31 2.71 0.00	31.07 2.89 0.00	30.26 2.77 0.00	33.51 2.88 0.00	32.92 2.62 0.00	31.95 2.41 0.00	30.16 2.37 0.00	30.21 1.93 0.00	28.70 2.02 0.35	35.74 2.98 0.00	43.13 4.89 0.00	45.81 5.23 -0.14	48.14 5.69 -0.05	49.66 5.75 -0.40	50.51 5.92 -0.52	48.26 4.86 2.03	51.86 3.88 1.99	56.72 4.23 2.32	61.43 3.29 0.00	54.88 2.86 15.60	37.09 2.82 33.27	46.49 3.30 20.31	41.21 2.79 17.77	37.97 2.42 14.74
SOUTHOLD___IC 23719	33.31 2.71 0.00	31.07 2.89 0.00	30.25 2.76 0.00	33.51 2.88 0.00	32.92 2.62 0.00	31.95 2.41 0.00	30.16 2.37 0.00	30.20 1.93 0.00	28.70 2.01 0.35	35.74 2.98 0.00	43.13 4.89 0.00	45.79 5.21 -0.14	48.02 5.57 -0.05	49.54 5.63 -0.40	50.39 5.80 -0.52	48.01 4.61 2.03	51.86 3.88 1.99	56.72 4.22 2.32	61.43 3.29 0.00	54.88 2.85 15.60	37.08 2.81 33.27	46.44 3.26 20.31	41.16 2.73 17.77	37.91 2.36 14.74
SOUTH_FORK_WT_PWR 323839	33.47 2.86 0.00	31.22 3.04 0.00	30.40 2.91 0.00	33.67 3.04 0.00	33.06 2.77 0.00	32.10 2.56 0.00	30.31 2.52 0.00	30.34 2.07 0.00	28.84 2.16 0.35	35.92 3.16 0.00	43.37 5.13 0.00	45.95 5.37 -0.14	48.13 5.68 -0.05	49.60 5.68 -0.40	50.38 5.80 -0.52	48.36 4.96 2.03	52.42 4.44 1.98	57.36 4.86 2.32	62.13 3.99 0.00	55.66 3.63 15.60	37.53 3.26 33.27	46.30 3.12 20.31	40.96 2.53 17.77	37.65 2.10 14.74
SPIERFLS_115KV_TB 1 80737	31.99 1.39 0.00	29.62 1.44 0.00	28.94 1.45 0.00	32.35 1.72 0.00	31.86 1.56 0.00	31.08 1.54 0.00	29.18 1.39 0.00	29.50 1.22 0.00	27.84 0.82 0.00	33.50 0.74 0.00	38.81 0.57 0.00	40.96 0.63 0.12	42.88 0.57 0.08	43.93 0.74 0.32	44.32 0.71 0.45	45.93 0.95 0.45	51.24 1.27 0.00	56.96 2.15 0.00	61.05 2.90 0.00	71.22 3.60 0.00	71.21 3.67 0.00	66.81 3.31 0.00	59.12 2.92 0.00	52.73 2.45 0.00
ST LAWRENCE____ 23600	30.52 -0.08 0.00	27.95 -0.23 0.00	27.22 -0.27 0.00	30.36 -0.26 0.00	30.05 -0.24 0.00	29.36 -0.18 0.00	27.70 -0.09 0.00	28.26 -0.02 0.00	27.21 0.19 0.00	33.12 0.37 0.00	38.55 0.30 0.00	40.69 0.25 0.00	42.54 0.15 0.00	43.58 0.07 0.00	44.09 0.03 0.00	45.47 0.04 0.00	50.14 0.17 0.00	54.98 0.16 0.00	58.42 0.27 0.00	68.05 0.42 0.00	68.08 0.54 0.00	64.11 0.61 0.00	56.52 0.32 0.00	50.35 0.07 0.00

STATE_CA_115KV_115_LB 55624	31.40 0.80 0.00	29.06 0.88 0.00	28.43 0.94 0.00	31.75 1.12 0.00	31.38 1.09 0.00	30.57 1.03 0.00	28.70 0.91 0.00	29.09 0.81 0.00	27.61 0.58 0.00	33.32 0.56 0.00	38.94 0.69 0.00	41.01 0.68 0.11	42.95 0.63 0.08	43.70 0.49 0.30	44.09 0.46 0.42	45.55 0.54 0.42	50.51 0.55 0.00	55.48 0.66 0.00	58.72 0.58 0.00	68.24 0.61 0.00	68.05 0.51 0.00	64.01 0.51 0.00	56.78 0.59 0.00	50.93 0.65 0.00
STATE_ST_34_KV_LOAD 55959	30.77 0.17 0.00	28.31 0.13 0.00	27.57 0.08 0.00	30.66 0.03 0.00	30.35 0.06 0.00	29.58 0.04 0.00	27.78 -0.01 0.00	28.21 -0.07 0.00	26.83 -0.20 0.00	32.48 -0.28 0.00	37.81 -0.44 0.00	40.06 -0.38 0.00	41.99 -0.41 0.00	43.20 -0.31 0.00	43.96 -0.10 0.00	45.43 0.00 0.00	50.20 0.23 0.00	55.24 0.42 0.00	58.99 0.85 0.00	68.88 1.25 0.00	68.59 1.04 0.00	64.91 0.94 -0.47	57.15 0.84 -0.12	51.08 0.80 0.00
STATION_5_MISC_HYD 23604	29.89 -0.71 0.00	27.56 -0.62 0.00	26.84 -0.65 0.00	29.74 -0.89 0.00	29.50 -0.79 0.00	28.77 -0.77 0.00	27.00 -0.79 0.00	27.50 -0.78 0.00	26.42 -0.61 0.00	32.26 -0.50 0.00	37.44 -0.80 0.00	39.64 -0.81 0.00	41.51 -0.88 0.00	42.65 -0.87 0.00	43.26 -0.80 0.00	44.81 -0.62 0.00	49.65 -0.31 0.00	54.70 -0.12 0.00	58.38 0.24 0.00	67.86 0.24 0.00	67.66 0.11 0.00	63.41 -0.10 0.00	56.15 -0.05 0.00	50.47 0.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.06 -0.55 0.00	27.69 -0.49 0.00	26.97 -0.53 0.00	29.92 -0.71 0.00	29.65 -0.64 0.00	28.92 -0.62 0.00	27.14 -0.65 0.00	27.61 -0.67 0.00	26.44 -0.59 0.00	32.17 -0.59 0.00	37.41 -0.84 0.00	39.60 -0.84 0.00	41.52 -0.87 0.00	42.66 -0.85 0.00	43.29 -0.78 0.00	44.81 -0.62 0.00	49.63 -0.34 0.00	54.70 -0.12 0.00	58.42 0.27 0.00	68.08 0.45 0.00	67.87 0.32 0.00	63.67 0.08 -0.09	56.24 0.02 -0.02	50.43 0.15 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.74 -0.86 0.00	27.43 -0.76 0.00	26.71 -0.78 0.00	29.60 -1.02 0.00	29.37 -0.92 0.00	28.64 -0.90 0.00	26.88 -0.91 0.00	27.36 -0.91 0.00	26.29 -0.73 0.00	32.09 -0.67 0.00	37.25 -1.00 0.00	39.44 -1.00 0.00	41.32 -1.07 0.00	42.47 -1.05 0.00	43.07 -0.99 0.00	44.64 -0.79 0.00	49.44 -0.53 0.00	54.49 -0.33 0.00	58.12 -0.02 0.00	67.55 -0.07 0.00	67.32 -0.22 0.00	63.10 -0.40 0.00	55.84 -0.36 0.00	50.16 -0.12 0.00
STA_56___34_KV_BUS2 355983	29.74 -0.86 0.00	27.43 -0.76 0.00	26.71 -0.78 0.00	29.60 -1.02 0.00	29.37 -0.92 0.00	28.64 -0.90 0.00	26.88 -0.91 0.00	27.36 -0.91 0.00	26.29 -0.73 0.00	32.09 -0.67 0.00	37.25 -1.00 0.00	39.44 -1.00 0.00	41.32 -1.07 0.00	42.47 -1.05 0.00	43.07 -0.99 0.00	44.64 -0.79 0.00	49.44 -0.53 0.00	54.49 -0.33 0.00	58.12 -0.02 0.00	67.55 -0.07 0.00	67.32 -0.22 0.00	63.10 -0.40 0.00	55.84 -0.36 0.00	50.16 -0.12 0.00
STA_67___115KV_BK2 355882	29.83 -0.77 0.00	27.51 -0.67 0.00	26.79 -0.70 0.00	29.68 -0.94 0.00	29.45 -0.84 0.00	28.72 -0.82 0.00	26.96 -0.84 0.00	27.44 -0.84 0.00	26.37 -0.65 0.00	32.20 -0.56 0.00	37.35 -0.89 0.00	39.53 -0.91 0.00	41.41 -0.98 0.00	42.53 -0.98 0.00	43.13 -0.93 0.00	44.67 -0.75 0.00	49.49 -0.48 0.00	54.50 -0.32 0.00	58.16 0.02 0.00	67.63 0.00 0.00	67.43 -0.12 0.00	63.23 -0.28 0.00	55.98 -0.22 0.00	50.32 0.04 0.00
STA_7___115KV_9TRANS 80674	30.05 -0.55 0.00	27.70 -0.48 0.00	26.97 -0.52 0.00	29.87 -0.75 0.00	29.63 -0.66 0.00	28.89 -0.65 0.00	27.12 -0.67 0.00	27.61 -0.67 0.00	26.54 -0.48 0.00	32.41 -0.35 0.00	37.62 -0.63 0.00	39.84 -0.60 0.00	41.76 -0.63 0.00	42.92 -0.59 0.00	43.56 -0.50 0.00	45.16 -0.27 0.00	50.06 0.09 0.00	55.18 0.36 0.00	58.87 0.73 0.00	68.41 0.78 0.00	68.16 0.61 0.00	63.89 0.39 0.00	56.54 0.34 0.00	50.78 0.50 0.00
STA_82___115KV_TB1 80780	29.83 -0.77 0.00	27.51 -0.67 0.00	26.80 -0.69 0.00	29.69 -0.94 0.00	29.46 -0.83 0.00	28.72 -0.82 0.00	26.96 -0.83 0.00	27.44 -0.83 0.00	26.38 -0.65 0.00	32.20 -0.56 0.00	37.35 -0.89 0.00	39.53 -0.91 0.00	41.41 -0.98 0.00	42.53 -0.98 0.00	43.13 -0.93 0.00	44.68 -0.75 0.00	49.49 -0.48 0.00	54.52 -0.30 0.00	58.17 0.03 0.00	67.64 0.02 0.00	67.46 -0.09 0.00	63.24 -0.26 0.00	55.99 -0.20 0.00	50.34 0.05 0.00
STEEL___WIND 323596	29.42 -1.19 0.00	27.13 -1.05 0.00	26.40 -1.09 0.00	29.19 -1.44 0.00	29.00 -1.29 0.00	28.30 -1.24 0.00	26.53 -1.26 0.00	27.05 -1.23 0.00	26.16 -0.87 0.00	32.04 -0.72 0.00	37.06 -1.19 0.00	39.20 -1.24 0.00	40.95 -1.45 0.00	42.00 -1.52 0.00	42.55 -1.52 0.00	43.99 -1.43 0.00	48.84 -1.13 0.00	53.74 -1.08 0.00	57.46 -0.69 0.00	66.99 -0.64 0.00	66.82 -0.73 0.00	62.60 -0.90 0.00	55.63 -0.56 0.00	50.23 -0.05 0.00
STEPHTWN_115KV_BK_2 55603	31.46 0.86 0.00	29.12 0.94 0.00	28.51 1.02 0.00	31.79 1.16 0.00	31.41 1.12 0.00	30.59 1.05 0.00	28.76 0.97 0.00	29.13 0.85 0.00	27.70 0.68 0.00	33.47 0.71 0.00	39.11 0.87 0.11	41.17 0.84 0.07	43.15 0.84 0.29	43.94 0.72 0.41	44.31 0.67 0.41	45.84 0.82 0.00	50.82 0.85 0.00	55.78 0.96 0.00	59.11 0.96 0.00	68.65 1.02 0.00	68.35 0.81 0.00	64.24 0.74 0.00	57.01 0.81 0.00	51.13 0.85 0.00
STEBEN_REC_LFGE 323667	30.68 0.07 0.00	28.16 -0.02 0.00	27.19 -0.30 0.00	30.08 -0.55 0.00	29.97 -0.32 0.00	29.35 -0.19 0.00	27.41 -0.38 0.00	27.74 -0.54 0.00	26.56 -0.47 0.00	32.43 -0.32 0.00	37.70 -0.55 0.00	39.92 -0.52 0.00	41.83 -0.56 0.00	42.86 -0.65 0.00	43.54 -0.52 0.00	44.76 -0.67 0.00	49.60 -0.36 0.00	54.62 -0.20 0.00	58.64 0.50 0.00	69.07 1.44 0.00	69.34 1.79 0.00	65.11 1.46 -0.15	57.54 1.30 -0.04	51.73 1.45 0.00
STILLWATER___SOLAR 323814	32.03 1.43 0.00	29.61 1.43 0.00	28.92 1.43 0.00	32.32 1.69 0.00	31.89 1.60 0.00	31.09 1.55 0.00	29.19 1.40 0.00	29.52 1.24 0.00	27.91 0.88 0.00	33.60 0.84 0.00	39.12 0.87 0.00	41.20 0.89 0.13	43.22 0.92 0.09	44.16 1.00 0.35	44.58 1.02 0.50	46.13 1.20 0.50	51.37 1.40 0.00	56.83 2.01 0.00	60.55 2.41 0.00	70.57 2.94 0.00	70.44 2.89 0.00	66.16 2.66 0.00	58.63 2.43 0.00	52.48 2.20 0.00
STONY___BROOK 24151	32.10 1.50 0.00	30.01 1.83 0.00	29.27 1.78 0.00	32.40 1.77 0.00	31.84 1.55 0.00	30.91 1.37 0.00	29.08 1.29 0.00	29.19 0.92 0.00	27.60 0.91 0.35	34.26 1.50 0.00	41.32 3.07 0.00	43.99 3.41 -0.14	46.15 3.70 -0.06	47.64 3.73 -0.40	48.43 3.84 -0.53	46.75 3.31 1.99	49.45 2.53 3.05	53.52 2.27 3.57	59.41 1.27 0.00	52.82 0.73 15.53	35.24 0.81 33.12	43.95 0.68 20.22	39.31 0.80 17.69	36.62 1.00 14.67
STURGEON_POOL_HYD 23609	32.14 1.54 0.00	29.64 1.46 0.00	28.94 1.45 0.00	32.08 1.46 0.00	31.65 1.36 0.00	30.81 1.27 0.00	28.93 1.14 0.00	29.39 1.11 0.00	28.02 0.99 0.00	33.89 1.14 0.00	39.84 1.60 0.00	42.35 1.84 -0.07	44.52 2.08 -0.05	46.01 2.31 -0.19	46.71 2.39 -0.27	48.07 2.37 -0.26	52.21 2.24 0.00	57.00 2.18 0.00	59.83 1.68 0.00	69.18 1.56 0.00	68.93 1.38 0.00	64.80 1.30 0.00	57.68 1.49 0.00	51.92 1.64 0.00

ST_LAW_115_BK7_LBMP 345037	30.53 -0.07 0.00	27.95 -0.23 0.00	27.22 -0.27 0.00	30.36 -0.27 0.00	30.07 -0.22 0.00	29.37 -0.17 0.00	27.72 -0.07 0.00	28.26 -0.02 0.00	27.23 0.20 0.00	33.15 0.40 0.00	38.58 0.33 0.00	40.72 0.27 0.00	42.57 0.17 0.00	43.59 0.08 0.00	44.10 0.05 0.00	45.47 0.04 0.00	50.15 0.18 0.00	54.99 0.17 0.00	58.46 0.32 0.00	68.10 0.47 0.00	68.15 0.60 0.00	64.18 0.68 0.00	56.58 0.38 0.00	50.39 0.10 0.00
ST_LAW_115_BK8_LBMP 345038	30.53 -0.07 0.00	27.95 -0.23 0.00	27.22 -0.27 0.00	30.36 -0.27 0.00	30.07 -0.22 0.00	29.37 -0.17 0.00	27.72 -0.07 0.00	28.26 -0.02 0.00	27.23 0.20 0.00	33.15 0.40 0.00	38.58 0.33 0.00	40.72 0.27 0.00	42.57 0.17 0.00	43.59 0.08 0.00	44.10 0.05 0.00	45.47 0.04 0.00	50.15 0.18 0.00	54.99 0.17 0.00	58.46 0.32 0.00	68.10 0.47 0.00	68.15 0.60 0.00	64.18 0.68 0.00	56.58 0.38 0.00	50.39 0.10 0.00
ST_LAW_230_BK5_LBMP 345035	30.52 -0.08 0.00	27.95 -0.23 0.00	27.22 -0.27 0.00	30.36 -0.26 0.00	30.05 -0.24 0.00	29.36 -0.18 0.00	27.70 -0.09 0.00	28.26 -0.02 0.00	27.21 0.19 0.00	33.12 0.37 0.00	38.55 0.30 0.00	40.69 0.25 0.00	42.54 0.15 0.00	43.58 0.07 0.00	44.09 0.03 0.00	45.47 0.04 0.00	50.14 0.17 0.00	54.98 0.16 0.00	58.42 0.27 0.00	68.05 0.42 0.00	68.08 0.54 0.00	64.11 0.61 0.00	56.52 0.32 0.00	50.35 0.07 0.00
ST_LAW_230_BK6_LBMP 345036	30.52 -0.08 0.00	27.95 -0.23 0.00	27.22 -0.27 0.00	30.36 -0.26 0.00	30.05 -0.24 0.00	29.36 -0.18 0.00	27.70 -0.09 0.00	28.26 -0.02 0.00	27.21 0.19 0.00	33.12 0.37 0.00	38.55 0.30 0.00	40.69 0.25 0.00	42.54 0.15 0.00	43.58 0.07 0.00	44.09 0.03 0.00	45.47 0.04 0.00	50.14 0.17 0.00	54.98 0.16 0.00	58.42 0.27 0.00	68.05 0.42 0.00	68.08 0.54 0.00	64.11 0.61 0.00	56.52 0.32 0.00	50.35 0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.08 1.47 0.00	29.65 1.47 0.00	28.98 1.48 0.00	32.13 1.50 0.00	31.69 1.40 0.00	30.85 1.31 0.00	28.94 1.15 0.00	29.38 1.10 0.00	28.03 1.01 0.00	33.92 1.16 0.00	39.89 1.64 0.00	42.43 1.87 -0.12	44.59 2.11 -0.08	46.11 2.28 -0.32	46.87 2.35 -0.46	48.12 2.24 -0.45	51.98 2.02 0.00	56.73 1.91 0.00	59.62 1.47 0.00	68.96 1.33 0.00	68.73 1.19 0.00	64.65 1.15 0.00	57.58 1.38 0.00	51.85 1.57 0.00
SWANROAD_115KV_TB1 355699	28.53 -2.07 0.00	26.36 -1.82 0.00	25.68 -1.81 0.00	28.36 -2.27 0.00	28.24 -2.05 0.00	27.55 -2.00 0.00	25.83 -1.96 0.00	26.38 -1.90 0.00	25.62 -1.41 0.00	31.27 -1.49 0.00	35.95 -2.30 0.00	37.95 -2.49 0.00	39.61 -2.79 0.00	40.56 -2.95 0.00	41.08 -2.98 0.00	42.55 -2.88 0.00	47.28 -2.69 0.00	52.02 -2.80 0.00	55.73 -2.41 0.00	64.89 -2.74 0.00	64.77 -2.78 0.00	60.76 -2.74 0.00	54.06 -2.13 0.00	49.08 -1.20 0.00
SYNERGY___BIOGAS 323694	29.90 -0.70 0.00	27.57 -0.61 0.00	26.85 -0.64 0.00	29.67 -0.96 0.00	29.50 -0.79 0.00	28.77 -0.77 0.00	27.00 -0.80 0.00	27.45 -0.83 0.00	26.43 -0.60 0.00	32.20 -0.56 0.00	37.12 -1.12 0.00	39.21 -1.23 0.00	41.01 -1.38 0.00	42.12 -1.39 0.00	42.77 -1.29 0.00	44.38 -1.05 0.00	49.36 -0.61 0.00	54.55 -0.27 0.00	58.72 0.58 0.00	68.68 1.05 0.00	68.59 1.04 0.00	64.23 0.73 0.00	56.90 0.71 0.00	51.29 1.01 0.00
SYRACUSE___ENERGY_ST1 323597	30.36 -0.24 0.00	27.96 -0.22 0.00	27.24 -0.25 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.23 -0.31 0.00	27.46 -0.34 0.00	27.90 -0.38 0.00	26.57 -0.45 0.00	32.22 -0.53 0.00	37.63 -0.61 0.00	39.87 -0.57 0.00	41.85 -0.54 0.00	43.03 -0.49 0.00	43.64 -0.42 0.00	45.08 -0.35 0.00	49.75 -0.22 0.00	54.71 -0.11 0.00	58.25 0.10 0.00	67.81 0.18 0.00	67.67 0.12 0.00	64.00 -0.03 -0.53	56.29 -0.05 -0.14	50.29 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	30.36 -0.24 0.00	27.96 -0.22 0.00	27.24 -0.25 0.00	30.30 -0.33 0.00	29.99 -0.30 0.00	29.23 -0.31 0.00	27.46 -0.34 0.00	27.90 -0.38 0.00	26.57 -0.45 0.00	32.22 -0.53 0.00	37.63 -0.61 0.00	39.87 -0.57 0.00	41.85 -0.54 0.00	43.03 -0.49 0.00	43.64 -0.42 0.00	45.08 -0.35 0.00	49.75 -0.22 0.00	54.71 -0.11 0.00	58.25 0.10 0.00	67.81 0.18 0.00	67.67 0.12 0.00	64.00 -0.03 -0.53	56.29 -0.05 -0.14	50.29 0.00 0.00
SYRACUSE___POWER 24017	30.32 -0.28 0.00	27.91 -0.27 0.00	27.21 -0.29 0.00	30.27 -0.36 0.00	29.95 -0.35 0.00	29.20 -0.35 0.00	27.41 -0.38 0.00	27.85 -0.43 0.00	26.53 -0.50 0.00	32.19 -0.57 0.00	37.62 -0.63 0.00	39.84 -0.60 0.00	41.83 -0.56 0.00	43.01 -0.50 0.00	43.63 -0.44 0.00	45.05 -0.38 0.00	49.70 -0.27 0.00	54.67 -0.15 0.00	58.19 0.04 0.00	67.73 0.11 0.00	67.62 0.07 0.00	63.76 -0.09 -0.35	56.19 -0.10 -0.09	50.24 -0.04 0.00
TALLMAN_138KV_BK151 55660	32.34 1.74 0.00	29.91 1.73 0.00	29.23 1.74 0.00	32.38 1.75 0.00	31.92 1.63 0.00	31.05 1.51 0.00	29.13 1.34 0.00	29.59 1.31 0.00	28.27 1.24 0.00	34.20 1.45 0.00	40.28 2.03 -0.12	42.90 2.33 -0.09	45.09 2.61 -0.34	46.65 2.79 -0.49	47.41 2.86 -0.49	48.61 2.70 -0.48	52.39 2.42 0.00	57.07 2.25 0.00	59.85 1.71 0.00	69.17 1.54 0.00	68.91 1.36 0.00	64.75 1.24 0.00	57.74 1.55 0.00	52.04 1.76 0.00
TEALLAVE_115KV_TB7 355573	30.12 -0.48 0.00	27.75 -0.43 0.00	27.04 -0.45 0.00	30.09 -0.54 0.00	29.77 -0.52 0.00	29.02 -0.52 0.00	27.25 -0.54 0.00	27.68 -0.59 0.00	26.39 -0.63 0.00	32.03 -0.73 0.00	37.41 -0.83 0.00	39.63 -0.81 0.00	41.60 -0.79 0.00	42.77 -0.74 0.00	43.37 -0.69 0.00	44.79 -0.64 0.00	49.40 -0.57 0.00	54.34 -0.48 0.00	57.80 -0.35 0.00	67.27 -0.36 0.00	67.14 -0.41 0.00	63.25 -0.54 -0.29	55.78 -0.50 -0.07	49.89 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	29.24 -1.36 0.00	26.99 -1.19 0.00	26.29 -1.20 0.00	29.05 -1.58 0.00	28.89 -1.40 0.00	28.18 -1.36 0.00	26.44 -1.36 0.00	26.95 -1.33 0.00	26.06 -0.96 0.00	31.82 -0.94 0.00	36.64 -1.60 0.00	38.73 -1.71 0.00	40.47 -1.93 0.00	41.50 -2.02 0.00	42.09 -1.97 0.00	43.61 -1.82 0.00	48.47 -1.50 0.00	53.41 -1.41 0.00	57.31 -0.83 0.00	66.75 -0.88 0.00	66.66 -0.89 0.00	62.49 -1.02 0.00	55.49 -0.71 0.00	50.18 -0.10 0.00
TEMPLE___115KV_TB 2 55572	30.13 -0.47 0.00	27.76 -0.42 0.00	27.05 -0.44 0.00	30.10 -0.53 0.00	29.78 -0.51 0.00	29.04 -0.50 0.00	27.26 -0.54 0.00	27.70 -0.57 0.00	26.41 -0.62 0.00	32.04 -0.72 0.00	37.44 -0.81 0.00	39.65 -0.79 0.00	41.63 -0.76 0.00	42.80 -0.71 0.00	43.41 -0.65 0.00	44.82 -0.61 0.00	49.45 -0.52 0.00	54.38 -0.44 0.00	57.84 -0.31 0.00	67.32 -0.31 0.00	67.18 -0.37 0.00	63.27 -0.52 -0.29	55.79 -0.48 -0.07	49.92 -0.37 0.00
TIANA____69_KV_BK 1 55817	32.34 1.74 0.00	30.21 2.03 0.00	29.46 1.97 0.00	32.66 2.03 0.00	32.08 1.79 0.00	31.16 1.62 0.00	29.40 1.61 0.00	29.38 1.10 0.00	27.83 1.14 0.35	34.59 1.83 0.00	41.71 3.46 0.00	44.40 3.83 -0.14	46.66 4.21 -0.05	48.18 4.27 -0.40	49.02 4.43 -0.52	47.39 3.99 2.03	51.16 3.17 1.99	55.81 3.31 2.32	60.48 2.34 0.00	53.94 1.91 15.60	35.92 1.65 33.27	44.70 1.51 20.31	39.83 1.40 17.77	36.97 1.42 14.74

TILDEN___115KV_TB1 80814	30.32 -0.28 0.00	27.91 -0.27 0.00	27.21 -0.29 0.00	30.27 -0.36 0.00	29.95 -0.35 0.00	29.20 -0.35 0.00	27.41 -0.38 0.00	27.85 -0.43 0.00	26.53 -0.50 0.00	32.19 -0.57 0.00	37.62 -0.63 0.00	39.84 -0.60 0.00	41.83 -0.56 0.00	43.01 -0.50 0.00	43.63 -0.44 0.00	45.05 -0.38 0.00	49.70 -0.27 0.00	54.67 -0.15 0.00	58.19 0.04 0.00	67.73 0.11 0.00	67.62 0.07 0.00	63.76 -0.09 -0.35	56.19 -0.10 -0.09	50.24 -0.04 0.00
TRIGEN___CC 323695	32.34 1.74 0.00	30.09 1.91 0.00	29.35 1.86 0.00	32.45 1.82 0.00	31.94 1.65 0.00	31.03 1.49 0.00	29.12 1.33 0.00	29.45 1.17 0.00	28.11 1.14 0.06	34.35 1.59 0.00	40.93 2.69 0.00	43.60 3.00 -0.16	46.33 3.34 -0.60	47.74 3.43 -0.80	48.38 3.52 -0.80	53.66 3.24 -5.00	52.45 2.48 0.00	57.15 2.33 0.00	59.73 1.58 0.00	64.73 1.16 4.05	61.88 0.91 6.58	59.12 0.89 5.28	53.39 1.15 3.96	48.66 1.47 3.09
TRINITY___115KV___4 BK 55933	31.28 0.68 0.00	28.96 0.78 0.00	28.34 0.85 0.00	31.65 1.03 0.00	31.29 1.00 0.00	30.48 0.94 0.00	28.61 0.82 0.00	29.00 0.72 0.00	27.52 0.49 0.00	33.21 0.45 0.00	38.79 0.55 0.00	40.84 0.50 0.11	42.77 0.46 0.08	43.51 0.29 0.29	43.87 0.23 0.42	45.29 0.27 0.41	50.20 0.23 0.00	55.11 0.29 0.00	58.32 0.18 0.00	67.77 0.15 0.00	67.59 0.04 0.00	63.59 0.09 0.00	56.44 0.24 0.00	50.64 0.36 0.00
UNION___PROCESSING_DRP 323587	29.83 -0.77 0.00	27.51 -0.67 0.00	26.80 -0.69 0.00	29.70 -0.93 0.00	29.47 -0.83 0.00	28.73 -0.81 0.00	26.97 -0.82 0.00	27.45 -0.83 0.00	26.38 -0.64 0.00	32.20 -0.56 0.00	37.35 -0.89 0.00	39.53 -0.91 0.00	41.41 -0.98 0.00	42.54 -0.97 0.00	43.13 -0.93 0.00	44.69 -0.74 0.00	49.50 -0.47 0.00	54.54 -0.28 0.00	58.21 0.06 0.00	67.67 0.04 0.00	67.48 -0.07 0.00	63.26 -0.24 0.00	56.01 -0.19 0.00	50.34 0.06 0.00
UPPER HUDSON___HYD 24058	31.99 1.39 0.00	29.62 1.44 0.00	28.94 1.45 0.00	32.35 1.72 0.00	31.85 1.56 0.00	31.08 1.54 0.00	29.18 1.39 0.00	29.50 1.22 0.00	27.84 0.82 0.00	33.50 0.74 0.00	38.81 0.57 0.00	40.96 0.63 0.12	42.88 0.57 0.08	43.93 0.74 0.32	44.32 0.71 0.45	45.93 0.95 0.45	51.24 1.28 0.00	56.97 2.14 0.00	61.04 2.90 0.00	71.22 3.60 0.00	71.21 3.66 0.00	66.81 3.31 0.00	59.12 2.92 0.00	52.73 2.45 0.00
UPPER RAQUET___HYD 24056	31.11 0.51 0.00	28.41 0.23 0.00	27.65 0.16 0.00	30.83 0.21 0.00	30.64 0.34 0.00	29.92 0.38 0.00	28.23 0.44 0.00	28.70 0.42 0.00	27.57 0.54 0.00	33.61 0.85 0.00	39.09 0.84 0.00	41.27 0.82 0.00	43.07 0.68 0.00	44.12 0.61 0.00	44.59 0.53 0.00	45.92 0.49 0.00	50.83 0.86 0.00	55.74 0.92 0.00	59.71 1.56 0.00	69.94 2.31 0.00	70.13 2.58 0.00	66.23 2.64 -0.08	58.12 1.91 -0.02	51.64 1.36 0.00
VALLEY44_115KV_TB2 355964	29.99 -0.61 0.00	27.68 -0.50 0.00	27.03 -0.46 0.00	29.88 -0.75 0.00	29.56 -0.73 0.00	28.87 -0.66 0.00	27.05 -0.74 0.00	27.52 -0.76 0.00	26.47 -0.56 0.00	32.34 -0.42 0.00	37.71 -0.53 0.00	39.87 -0.57 0.00	41.46 -0.94 0.00	42.53 -0.98 0.00	43.17 -0.89 0.00	44.31 -1.12 0.00	48.91 -1.06 0.00	53.62 -1.20 0.00	57.13 -1.01 0.00	66.58 -1.04 0.00	66.46 -1.09 0.00	62.39 -1.11 0.00	55.56 -0.64 0.00	50.21 -0.07 0.00
VALLEY___115KV_TB 1-4 80826	31.16 0.56 0.00	28.80 0.62 0.00	28.10 0.61 0.00	31.40 0.77 0.00	31.01 0.72 0.00	30.21 0.67 0.00	28.32 0.53 0.00	28.55 0.27 0.00	26.88 -0.14 0.00	32.35 -0.40 0.00	37.83 -0.42 0.00	40.07 -0.37 0.00	42.05 -0.34 0.00	43.22 -0.29 0.00	43.74 -0.32 0.00	45.12 -0.31 0.00	49.72 -0.25 0.00	54.80 -0.02 0.00	58.36 0.22 0.00	68.23 0.60 0.00	68.31 0.76 0.00	64.08 0.58 0.00	56.79 0.59 0.00	50.90 0.62 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.84 1.24 0.00	29.33 1.15 0.00	28.59 1.10 0.00	31.80 1.18 0.00	31.50 1.21 0.00	30.68 1.14 0.00	28.79 0.99 0.00	29.24 0.96 0.00	27.84 0.82 0.00	33.85 1.09 0.00	39.65 1.40 0.00	42.02 1.58 0.00	44.16 1.76 0.00	45.38 1.87 0.00	46.01 1.94 0.00	47.42 2.00 0.00	52.12 2.16 0.00	57.17 2.35 0.00	60.57 2.42 0.00	70.27 2.64 0.00	70.14 2.59 0.00	65.95 2.35 -0.10	58.28 2.06 -0.03	52.28 2.00 0.00
VISCHER___FERRY HYD 24020	31.68 1.08 0.00	29.33 1.15 0.00	28.66 1.17 0.00	32.06 1.44 0.00	31.66 1.37 0.00	30.87 1.32 0.00	28.96 1.17 0.00	29.32 1.05 0.00	27.77 0.74 0.00	33.47 0.71 0.00	39.01 0.76 0.00	40.99 0.71 0.16	43.01 0.73 0.11	43.83 0.76 0.44	44.15 0.71 0.62	45.60 0.79 0.62	50.79 0.82 0.00	55.99 1.17 0.00	59.39 1.24 0.00	69.08 1.45 0.00	68.92 1.37 0.00	64.84 1.34 0.00	57.55 1.35 0.00	51.60 1.32 0.00
V_A_10_SYNC_DSASP 323832	29.23 -1.37 0.00	27.01 -1.17 0.00	26.32 -1.17 0.00	29.12 -1.51 0.00	28.93 -1.37 0.00	28.22 -1.32 0.00	26.48 -1.31 0.00	26.98 -1.30 0.00	26.05 -0.98 0.00	31.88 -0.88 0.00	36.84 -1.41 0.00	38.92 -1.52 0.00	40.65 -1.75 0.00	41.65 -1.86 0.00	42.18 -1.88 0.00	43.64 -1.79 0.00	48.37 -1.60 0.00	53.19 -1.63 0.00	56.78 -1.37 0.00	66.03 -1.59 0.00	65.91 -1.64 0.00	61.85 -1.65 0.00	54.93 -1.27 0.00	49.58 -0.70 0.00
V_CMM_10_SYNC_DSASP 323787	30.69 0.09 0.00	28.09 -0.09 0.00	27.36 -0.13 0.00	30.51 -0.12 0.00	30.22 -0.07 0.00	29.52 -0.02 0.00	27.85 0.06 0.00	28.40 0.12 0.00	27.36 0.33 0.00	33.32 0.56 0.00	38.77 0.53 0.00	40.93 0.48 0.00	42.78 0.38 0.00	43.83 0.31 0.00	44.33 0.27 0.00	45.71 0.28 0.00	50.42 0.45 0.00	55.29 0.47 0.00	58.77 0.63 0.00	68.47 0.85 0.00	68.53 0.98 0.00	64.54 1.04 0.00	56.87 0.67 0.00	50.66 0.38 0.00
V_CMP_10_SYNC_DSASP 323788	31.14 0.54 0.00	28.49 0.31 0.00	27.68 0.19 0.00	30.92 0.29 0.00	30.51 0.22 0.00	29.82 0.28 0.00	28.13 0.34 0.00	28.63 0.35 0.00	27.65 0.62 0.00	33.71 0.96 0.00	39.23 0.99 0.00	41.40 0.96 0.00	43.18 0.79 0.00	44.07 0.56 0.00	44.60 0.54 0.00	45.80 0.37 0.00	50.57 0.60 0.00	55.69 0.87 0.00	59.08 0.94 0.00	69.14 1.51 0.00	69.08 1.53 0.00	64.85 1.35 0.00	57.15 0.95 0.00	50.90 0.62 0.00
V_D_10_SYNC_DSASP 323841	30.88 0.28 0.00	28.25 0.07 0.00	27.51 0.03 0.00	30.68 0.05 0.00	30.41 0.12 0.00	29.71 0.17 0.00	28.02 0.23 0.00	28.56 0.28 0.00	27.50 0.47 0.00	33.52 0.76 0.00	39.00 0.75 0.00	41.17 0.73 0.00	43.00 0.61 0.00	44.07 0.55 0.00	44.58 0.51 0.00	45.95 0.52 0.00	50.72 0.75 0.00	55.57 0.75 0.00	59.15 1.01 0.00	68.99 1.36 0.00	69.10 1.55 0.00	65.12 1.62 0.00	57.30 1.11 0.00	51.03 0.75 0.00
V_E_10_SYNC_DSASP 323830	32.75 2.15 0.00	30.06 1.88 0.00	29.24 1.75 0.00	32.48 1.85 0.00	32.12 1.83 0.00	31.21 1.67 0.00	29.10 1.31 0.00	29.45 1.18 0.00	27.86 0.84 0.00	33.99 1.23 0.00	39.95 1.71 0.00	42.28 1.84 0.00	44.22 1.83 0.00	45.43 1.92 0.00	46.07 2.01 0.00	47.52 2.09 0.00	52.66 2.69 0.00	58.16 3.34 0.00	62.32 4.18 0.00	73.25 5.62 0.00	73.25 5.70 0.00	68.35 4.63 -0.22	59.97 3.71 -0.06	53.53 3.25 0.00



V_F_30_NSYNC___DSASP 323816	32.06 1.46 0.00	29.62 1.44 0.00	28.93 1.44 0.00	32.34 1.71 0.00	31.91 1.62 0.00	31.10 1.56 0.00	29.20 1.41 0.00	29.54 1.26 0.00	27.95 0.92 0.00	33.67 0.91 0.00	39.21 0.97 0.00	41.31 0.99 0.12	43.35 1.04 0.09	44.30 1.13 0.34	44.73 1.15 0.48	46.29 1.34 0.48	51.50 1.54 0.00	56.96 2.14 0.00	60.68 2.53 0.00	70.71 3.09 0.00	70.58 3.03 0.00	66.26 2.76 0.00	58.74 2.55 0.00	52.56 2.28 0.00
V_F_30_SYNC_DSASP 323786	31.40 0.80 0.00	29.06 0.88 0.00	28.43 0.94 0.00	31.75 1.12 0.00	31.38 1.09 0.00	30.57 1.03 0.00	28.70 0.91 0.00	29.09 0.81 0.00	27.60 0.57 0.00	33.32 0.56 0.00	38.93 0.69 0.00	41.00 0.67 0.11	42.95 0.63 0.08	43.70 0.49 0.30	44.09 0.45 0.42	45.55 0.54 0.42	50.51 0.54 0.00	55.47 0.65 0.00	58.72 0.57 0.00	68.24 0.61 0.00	68.05 0.50 0.00	63.99 0.49 0.00	56.77 0.58 0.00	50.93 0.65 0.00
V_XM_10_SYNC_DSASP 323789	31.14 0.54 0.00	28.49 0.31 0.00	27.68 0.19 0.00	30.92 0.29 0.00	30.51 0.22 0.00	29.82 0.28 0.00	28.13 0.34 0.00	28.63 0.35 0.00	27.65 0.62 0.00	33.71 0.96 0.00	39.23 0.99 0.00	41.40 0.96 0.00	43.18 0.79 0.00	44.07 0.56 0.00	44.60 0.54 0.00	45.80 0.37 0.00	50.57 0.60 0.00	55.69 0.87 0.00	59.08 0.94 0.00	69.14 1.51 0.00	69.08 1.53 0.00	64.85 1.35 0.00	57.15 0.95 0.00	50.90 0.62 0.00
W.BABYLN_69_KV_BK1 56697	32.58 1.97 0.00	30.39 2.21 0.00	29.63 2.14 0.00	32.74 2.11 0.00	32.18 1.89 0.00	31.26 1.71 0.00	29.35 1.56 0.00	29.58 1.30 0.00	27.99 1.27 0.31	34.64 1.88 0.00	41.63 3.39 0.00	44.29 3.71 -0.14	46.60 4.06 -0.15	48.09 4.11 -0.47	48.85 4.22 -0.58	48.53 3.85 0.76	51.79 2.96 1.14	56.48 2.98 1.33	60.28 2.13 0.00	55.11 1.71 14.22	38.88 1.53 30.20	46.42 1.44 18.52	41.64 1.56 16.12	39.18 1.87 12.98
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.43 1.83 0.00	30.00 1.81 0.00	29.32 1.83 0.00	32.49 1.86 0.00	32.02 1.73 0.00	31.17 1.63 0.00	29.24 1.45 0.00	29.70 1.42 0.00	28.37 1.34 0.00	34.33 1.57 0.00	40.42 2.18 0.00	43.05 2.48 -0.13	45.24 2.75 -0.09	46.83 2.97 -0.35	47.59 3.03 -0.49	48.81 2.89 -0.49	52.61 2.64 0.00	57.32 2.50 0.00	60.13 1.99 0.00	69.49 1.86 0.00	69.21 1.67 0.00	65.05 1.55 0.00	57.99 1.79 0.00	52.25 1.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.68 2.08 0.00	30.19 2.01 0.00	29.49 2.00 0.00	32.62 2.00 0.00	32.15 1.86 0.00	31.28 1.74 0.00	29.36 1.57 0.00	29.85 1.57 0.00	28.54 1.51 0.00	34.54 1.78 0.00	40.74 2.50 0.00	43.37 2.79 -0.14	45.60 3.11 -0.10	47.15 3.26 -0.37	47.89 3.30 -0.53	49.09 3.14 -0.52	52.81 2.85 0.00	57.46 2.64 0.00	60.20 2.06 0.00	69.45 1.83 0.00	69.17 1.62 0.00	65.08 1.58 0.00	58.12 1.92 0.00	52.49 2.21 0.00
W50THST__13_KV_LOAD 356117	32.90 2.30 0.00	30.39 2.21 0.00	29.67 2.18 0.00	32.81 2.18 0.00	32.32 2.03 0.00	31.44 1.90 0.00	29.52 1.73 0.00	30.02 1.75 0.00	28.74 1.71 0.00	34.79 2.03 0.00	41.04 2.80 0.00	43.69 3.12 -0.14	45.94 3.45 -0.10	47.50 3.61 -0.37	48.25 3.66 -0.53	49.46 3.50 -0.52	53.20 3.23 0.00	57.83 3.01 0.00	60.56 2.42 0.00	69.80 2.17 0.00	69.49 1.94 0.00	65.37 1.87 0.00	58.42 2.22 0.00	52.81 2.53 0.00
WADING RIVER_IC_1 23522	31.81 1.21 0.00	29.74 1.56 0.00	29.00 1.51 0.00	32.21 1.58 0.00	31.65 1.36 0.00	30.74 1.20 0.00	29.03 1.23 0.00	28.91 0.63 0.00	27.34 0.65 0.35	33.95 1.19 0.00	40.92 2.68 0.00	43.54 2.96 -0.14	45.65 3.20 -0.05	47.14 3.23 -0.40	47.94 3.35 -0.52	46.18 2.79 2.04	50.08 2.07 1.96	54.60 2.07 2.29	59.19 1.05 0.00	52.48 0.46 15.61	34.52 0.27 33.29	43.40 0.22 20.32	38.73 0.31 17.78	36.04 0.50 14.74
WADING RIVER_IC_2 23547	31.81 1.21 0.00	29.74 1.56 0.00	29.00 1.51 0.00	32.21 1.58 0.00	31.65 1.36 0.00	30.74 1.20 0.00	29.03 1.23 0.00	28.91 0.63 0.00	27.34 0.65 0.35	33.95 1.19 0.00	40.92 2.68 0.00	43.54 2.96 -0.14	45.65 3.20 -0.05	47.14 3.23 -0.40	47.94 3.35 -0.52	46.18 2.79 2.04	50.08 2.07 1.96	54.60 2.07 2.29	59.19 1.05 0.00	52.48 0.46 15.61	34.52 0.27 33.29	43.40 0.22 20.32	38.73 0.31 17.78	36.04 0.50 14.74
WADING RIVER_IC_3 23601	31.81 1.21 0.00	29.74 1.56 0.00	29.00 1.51 0.00	32.21 1.58 0.00	31.65 1.36 0.00	30.74 1.20 0.00	29.03 1.23 0.00	28.91 0.63 0.00	27.34 0.65 0.35	33.95 1.19 0.00	40.92 2.68 0.00	43.54 2.96 -0.14	45.65 3.20 -0.05	47.14 3.23 -0.40	47.94 3.35 -0.52	46.18 2.79 2.04	50.08 2.07 1.96	54.60 2.07 2.29	59.19 1.05 0.00	52.48 0.46 15.61	34.52 0.27 33.29	43.40 0.22 20.32	38.73 0.31 17.78	36.04 0.50 14.74
WALDENNY_12_KV_BK2 80841	29.41 -1.19 0.00	27.12 -1.06 0.00	26.39 -1.10 0.00	29.17 -1.46 0.00	29.00 -1.30 0.00	28.29 -1.25 0.00	26.53 -1.27 0.00	27.05 -1.22 0.00	26.18 -0.85 0.00	32.06 -0.70 0.00	37.05 -1.19 0.00	39.22 -1.22 0.00	40.97 -1.42 0.00	42.02 -1.49 0.00	42.60 -1.46 0.00	44.08 -1.35 0.00	48.95 -1.02 0.00	53.86 -0.97 0.00	57.56 -0.58 0.00	67.04 -0.58 0.00	66.87 -0.68 0.00	62.70 -0.81 0.00	55.68 -0.51 0.00	50.28 -0.01 0.00
WALDEN___HYDRO 24148	32.23 1.62 0.00	29.77 1.59 0.00	29.08 1.58 0.00	32.24 1.61 0.00	31.80 1.51 0.00	30.96 1.42 0.00	29.05 1.26 0.00	29.50 1.22 0.00	28.13 1.10 0.00	34.02 1.27 0.00	40.00 1.75 0.00	42.53 1.98 -0.11	44.71 2.24 -0.08	46.25 2.45 -0.30	47.03 2.55 -0.42	48.31 2.46 -0.41	52.32 2.36 0.00	57.15 2.33 0.00	60.03 1.89 0.00	69.45 1.83 0.00	69.24 1.69 0.00	65.06 1.56 0.00	57.93 1.73 0.00	52.13 1.85 0.00
WARRENSBURG____ 23737	31.99 1.39 0.00	29.62 1.44 0.00	28.94 1.45 0.00	32.35 1.72 0.00	31.86 1.56 0.00	31.08 1.54 0.00	29.18 1.39 0.00	29.50 1.22 0.00	27.84 0.82 0.00	33.50 0.74 0.00	38.81 0.57 0.00	40.96 0.63 0.12	42.88 0.57 0.08	43.93 0.74 0.32	44.32 0.71 0.45	45.93 0.95 0.45	51.24 1.27 0.00	56.96 2.15 0.00	61.05 2.90 0.00	71.22 3.60 0.00	71.21 3.67 0.00	66.81 3.31 0.00	59.12 2.92 0.00	52.73 2.45 0.00
WATERSIDE___6 8 9 23538	32.65 2.05 0.00	30.15 1.97 0.00	29.46 1.97 0.00	32.52 1.90 0.00	32.07 1.78 0.00	31.21 1.68 0.00	29.32 1.53 0.00	29.81 1.54 0.00	28.52 1.49 0.00	34.46 1.70 0.00	40.58 2.34 0.00	43.25 2.67 -0.14	45.48 2.99 -0.10	47.03 3.15 -0.37	47.78 3.19 -0.53	49.02 3.07 -0.52	52.64 2.68 0.00	57.18 2.36 0.00	59.95 1.81 0.00	68.92 1.29 0.00	68.29 1.02 0.28	64.51 1.13 0.12	57.88 1.69 0.00	52.32 2.04 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.00 0.40 0.00	28.62 0.44 0.00	27.94 0.45 0.00	31.18 0.56 0.00	30.81 0.52 0.00	30.03 0.49 0.00	28.17 0.38 0.00	28.46 0.19 0.00	26.90 -0.13 0.00	32.43 -0.34 0.00	37.90 -0.32 0.00	40.13 -0.32 0.00	42.10 -0.30 0.00	43.26 -0.26 0.00	43.79 -0.28 0.00	45.15 -0.28 0.00	49.74 -0.23 0.00	54.75 -0.07 0.00	58.22 0.07 0.00	67.96 0.34 0.00	67.99 0.44 0.00	63.84 0.34 0.00	56.55 0.36 0.00	50.67 0.39 0.00

WDELAWARE___HYD 323627	31.37 0.77 0.00	28.92 0.74 0.00	28.22 0.73 0.00	31.29 0.66 0.00	30.86 0.57 0.00	30.05 0.51 0.00	28.20 0.41 0.00	28.65 0.37 0.00	27.31 0.28 0.00	33.02 0.27 0.00	38.75 0.51 0.00	41.19 0.66 -0.09	43.35 0.89 -0.06	44.92 1.18 -0.24	45.63 1.23 -0.33	47.08 1.32 -0.33	51.23 1.26 0.00	55.99 1.17 0.00	58.84 0.70 0.00	68.07 0.44 0.00	67.87 0.32 0.00	63.76 0.26 0.00	56.69 0.50 0.00	50.98 0.70 0.00
WEST BABYLON___IC 23714	32.58 1.97 0.00	30.39 2.21 0.00	29.63 2.14 0.00	32.74 2.11 0.00	32.18 1.89 0.00	31.26 1.71 0.00	29.35 1.56 0.00	29.58 1.30 0.00	27.99 1.27 0.31	34.64 1.88 0.00	41.63 3.39 0.00	44.29 3.71 -0.14	46.60 4.06 -0.15	48.09 4.11 -0.47	48.85 4.22 -0.58	48.53 3.85 0.76	51.79 2.96 1.14	56.48 2.98 1.33	60.28 2.13 0.00	55.11 1.71 14.22	38.88 1.53 30.20	46.42 1.44 18.52	41.64 1.56 16.12	39.18 1.87 12.98
WEST CANADA___HYD 24049	30.73 0.13 0.00	28.33 0.15 0.00	27.66 0.17 0.00	30.81 0.18 0.00	30.47 0.18 0.00	29.72 0.17 0.00	27.93 0.14 0.00	28.36 0.08 0.00	27.03 0.00 0.00	32.72 -0.03 0.00	38.22 -0.02 0.00	40.42 -0.02 0.00	42.39 0.00 0.00	43.51 0.00 0.00	44.06 0.00 0.00	45.44 0.01 0.00	49.92 -0.05 0.00	54.82 -0.01 0.00	58.12 -0.02 0.00	67.63 0.00 0.00	67.55 0.00 0.00	63.50 0.00 0.00	56.26 0.06 0.00	50.38 0.10 0.00
WESTERN_NY_WIND 24143	29.85 -0.75 0.00	27.53 -0.65 0.00	26.81 -0.69 0.00	29.63 -1.00 0.00	29.44 -0.85 0.00	28.73 -0.81 0.00	26.95 -0.84 0.00	27.41 -0.86 0.00	26.40 -0.62 0.00	32.17 -0.59 0.00	37.06 -1.19 0.00	39.15 -1.29 0.00	40.94 -1.45 0.00	42.05 -1.46 0.00	42.69 -1.37 0.00	44.30 -1.13 0.00	49.27 -0.70 0.00	54.44 -0.38 0.00	58.63 0.49 0.00	68.55 0.92 0.00	68.46 0.91 0.00	64.14 0.63 0.00	56.81 0.61 0.00	51.21 0.93 0.00
WESTOVER___LESR 323668	30.75 0.14 0.00	28.31 0.13 0.00	27.57 0.07 0.00	30.68 0.05 0.00	30.33 0.04 0.00	29.58 0.04 0.00	27.73 -0.07 0.00	28.16 -0.12 0.00	26.80 -0.23 0.00	32.55 -0.21 0.00	38.11 -0.13 0.00	40.41 -0.03 0.00	42.37 -0.02 0.00	43.50 -0.02 0.00	44.14 0.07 0.00	45.39 -0.04 0.00	49.97 0.00 0.00	54.88 0.06 0.00	58.27 0.12 0.00	67.87 0.25 0.00	67.79 0.24 0.00	63.79 0.08 -0.20	56.43 0.18 -0.05	50.67 0.39 0.00
WETHRSFD_WT_PWR 323626	29.60 -1.00 0.00	27.25 -0.93 0.00	26.43 -1.06 0.00	29.23 -1.40 0.00	29.05 -1.24 0.00	28.40 -1.14 0.00	26.60 -1.19 0.00	27.01 -1.27 0.00	25.90 -1.12 0.00	31.65 -1.11 0.00	36.70 -1.55 0.00	38.84 -1.60 0.00	40.61 -1.79 0.00	41.63 -1.89 0.00	42.20 -1.86 0.00	43.51 -1.92 0.00	48.20 -1.77 0.00	53.02 -1.80 0.00	56.83 -1.31 0.00	66.67 -0.96 0.00	66.86 -0.69 0.00	62.66 -0.85 0.00	55.65 -0.54 0.00	50.25 -0.04 0.00
WHAVSTOR_138KV_BK127 55557	32.36 1.76 0.00	29.93 1.75 0.00	29.24 1.75 0.00	32.40 1.77 0.00	31.94 1.65 0.00	31.08 1.54 0.00	29.16 1.37 0.00	29.62 1.34 0.00	28.29 1.26 0.00	34.22 1.47 0.00	40.30 2.05 0.00	42.91 2.35 -0.13	45.09 2.61 -0.09	46.65 2.79 -0.35	47.42 2.86 -0.50	48.63 2.71 -0.49	52.41 2.44 0.00	57.09 2.27 0.00	59.90 1.76 0.00	69.22 1.59 0.00	68.88 1.33 0.00	64.60 1.10 0.00	57.62 1.42 0.00	51.93 1.65 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.36 1.76 0.00	29.93 1.75 0.00	29.24 1.75 0.00	32.40 1.77 0.00	31.94 1.65 0.00	31.08 1.54 0.00	29.16 1.37 0.00	29.62 1.34 0.00	28.29 1.26 0.00	34.22 1.47 0.00	40.30 2.05 0.00	42.91 2.35 -0.13	45.09 2.61 -0.09	46.65 2.79 -0.35	47.42 2.86 -0.50	48.63 2.71 -0.49	52.41 2.44 0.00	57.09 2.27 0.00	59.90 1.76 0.00	69.22 1.59 0.00	68.88 1.33 0.00	64.60 1.10 0.00	57.62 1.42 0.00	51.93 1.65 0.00
WHITEHAL_115KV_TB1 80871	32.71 2.11 0.00	30.39 2.21 0.00	29.86 2.37 0.00	33.48 2.85 0.00	32.68 2.38 0.00	31.98 2.43 0.00	30.00 2.21 0.00	30.18 1.90 0.00	28.21 1.19 0.00	33.77 1.01 0.00	39.23 0.98 0.00	41.40 1.07 0.12	43.29 0.98 0.08	44.62 1.44 0.33	44.97 1.38 0.47	46.64 1.67 0.46	52.15 2.18 0.00	58.68 3.86 0.00	62.60 4.46 0.00	73.22 5.60 0.00	73.06 5.51 0.00	68.59 5.09 0.00	60.78 4.58 0.00	53.96 3.68 0.00
WHITEPLN_13_KV_LOAD 356215	32.78 2.18 0.00	30.27 2.09 0.00	29.57 2.08 0.00	32.75 2.12 0.00	32.28 1.98 0.00	31.40 1.86 0.00	29.47 1.68 0.00	29.94 1.66 0.00	28.61 1.58 0.00	34.65 1.89 0.00	40.85 2.61 0.00	43.53 2.96 -0.13	45.76 3.27 -0.10	47.36 3.48 -0.37	48.11 3.52 -0.53	49.38 3.43 -0.52	53.21 3.24 0.00	58.02 3.20 0.00	60.87 2.73 0.00	70.28 2.66 0.00	70.00 2.45 0.00	65.80 2.30 0.00	58.65 2.45 0.00	52.86 2.58 0.00
WM_FLOYD_69_KV_BK2 356380	32.06 1.46 0.00	29.98 1.80 0.00	29.25 1.76 0.00	32.41 1.78 0.00	31.84 1.55 0.00	30.93 1.39 0.00	29.15 1.36 0.00	29.17 0.89 0.00	27.57 0.88 0.35	34.20 1.44 0.00	41.21 2.96 0.00	43.84 3.27 -0.14	46.05 3.60 -0.06	47.55 3.64 -0.40	48.36 3.78 -0.52	46.78 3.36 2.01	50.31 2.46 2.11	54.83 2.48 2.47	59.65 1.51 0.00	53.09 1.03 15.57	35.19 0.85 33.21	44.01 0.79 20.28	39.33 0.87 17.74	36.61 1.04 14.71
WOODARD___115KV_TB2 355635	30.11 -0.49 0.00	27.74 -0.44 0.00	27.03 -0.46 0.00	30.07 -0.55 0.00	29.76 -0.54 0.00	29.01 -0.53 0.00	27.25 -0.55 0.00	27.68 -0.59 0.00	26.39 -0.63 0.00	32.02 -0.74 0.00	37.40 -0.84 0.00	39.61 -0.83 0.00	41.59 -0.81 0.00	42.74 -0.77 0.00	43.34 -0.73 0.00	44.75 -0.68 0.00	49.36 -0.61 0.00	54.28 -0.54 0.00	57.73 -0.41 0.00	67.20 -0.43 0.00	67.06 -0.49 0.00	63.28 -0.60 -0.38	55.74 -0.55 -0.10	49.83 -0.45 0.00
WOODMERE_69_KV_BK1 55827	32.84 2.24 0.00	30.53 2.36 0.00	29.76 2.27 0.00	32.88 2.25 0.00	32.34 2.05 0.00	31.41 1.87 0.00	29.46 1.67 0.00	29.82 1.54 0.00	28.54 1.51 -0.01	34.84 2.08 0.00	41.56 3.32 0.00	44.39 3.75 -0.20	47.93 4.15 -1.39	49.16 4.25 -1.39	49.54 4.29 -1.20	64.56 4.01 -15.12	53.30 3.33 0.00	58.04 3.22 0.00	60.66 2.51 0.00	68.23 2.18 1.57	69.00 1.87 0.42	63.18 1.73 2.05	57.20 1.92 0.91	51.48 2.24 1.03
YORK___WARBASSE 23770	32.75 2.15 0.00	30.24 2.06 0.00	29.54 2.05 0.00	32.64 2.01 0.00	32.19 1.90 0.00	31.33 1.80 0.00	29.41 1.61 0.00	29.91 1.63 0.00	28.60 1.57 0.00	34.56 1.80 0.00	40.69 2.45 0.00	43.37 2.79 -0.14	45.61 3.13 -0.10	47.20 3.31 -0.37	47.95 3.36 -0.53	49.16 3.21 -0.52	52.84 2.87 0.00	57.38 2.56 0.00	60.20 2.06 0.00	69.32 1.70 0.00	69.04 1.49 0.00	65.09 1.58 0.00	58.21 2.02 0.00	52.53 2.25 0.00