

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/05/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	34.46	32.51	32.37	32.75	33.55	36.43	43.36	49.01	45.66	40.27	39.50	37.69	37.68	37.67	37.37	37.98	41.03	48.11	50.23	45.31	41.56	40.32	38.92	37.15
24138	1.61	1.40	1.36	1.38	1.60	1.77	2.64	3.59	3.57	2.88	2.79	2.59	2.59	2.56	2.55	2.65	3.04	3.97	4.10	3.70	3.15	2.64	2.62	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	-1.41	-2.24	-1.71	-0.47	0.00	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.46	32.51	32.37	32.79	33.55	36.37	43.32	48.96	45.62	40.23	39.46	37.63	37.60	37.61	37.33	37.92	41.03	48.06	50.23	45.30	41.60	40.36	38.92	37.15
24260	1.61	1.40	1.36	1.41	1.60	1.70	2.61	3.54	3.53	2.84	2.75	2.49	2.49	2.46	2.48	2.58	3.04	3.93	4.10	3.70	3.19	2.68	2.61	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.93	-1.43	-2.29	-1.74	-0.48	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	34.46	32.51	32.37	32.79	33.55	36.37	43.32	48.96	45.62	40.23	39.46	37.63	37.60	37.61	37.33	37.92	41.03	48.06	50.23	45.30	41.60	40.36	38.92	37.15
24261	1.61	1.40	1.36	1.41	1.60	1.70	2.61	3.54	3.53	2.84	2.75	2.49	2.49	2.46	2.48	2.58	3.04	3.93	4.10	3.70	3.19	2.68	2.61	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.93	-1.43	-2.29	-1.74	-0.48	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.39	32.44	32.37	32.85	33.52	36.50	42.46	47.69	44.02	38.54	37.73	34.10	34.48	33.68	34.00	35.87	39.36	46.25	48.46	43.84	40.29	39.15	37.65	36.84
24011	1.54	1.34	1.36	1.47	1.57	1.84	1.75	2.27	1.94	1.16	1.03	0.90	0.81	0.82	0.89	1.01	1.37	2.12	2.35	2.25	1.88	1.47	1.34	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.49	32.54	32.47	32.94	33.64	35.81	42.59	47.91	44.18	38.66	37.80	34.13	34.52	33.75	34.04	35.97	39.43	46.38	48.64	44.01	40.41	39.26	37.68	36.18
23798	1.64	1.43	1.46	1.57	1.69	1.14	1.87	2.50	2.10	1.27	1.10	0.93	0.84	0.89	0.93	1.12	1.44	2.25	2.53	2.41	2.00	1.58	1.38	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.39	32.44	32.37	32.85	33.52	36.50	44.48	52.79	46.57	38.54	37.73	34.10												

ALBANY___2 23572	33.11 0.26 0.00	31.32 0.22 0.00	31.26 0.25 0.00	31.66 0.28 0.00	32.21 0.26 0.00	34.98 0.31 0.00	41.24 0.53 0.00	46.24 0.82 0.00	42.84 0.76 0.00	37.72 0.34 0.00	37.11 0.40 0.00	33.57 0.37 0.00	34.05 0.37 0.00	33.22 0.36 0.00	33.51 0.40 0.00	35.31 0.45 0.00	38.67 0.68 0.00	45.06 0.93 0.00	47.12 1.01 0.00	42.51 0.92 0.00	39.14 0.73 0.00	38.25 0.57 0.00	36.77 0.47 0.00	35.30 0.42 0.00
ALBANY___3 23573	33.11 0.26 0.00	31.32 0.22 0.00	31.26 0.25 0.00	31.66 0.28 0.00	32.21 0.26 0.00	34.98 0.31 0.00	41.24 0.53 0.00	46.24 0.82 0.00	42.84 0.76 0.00	37.72 0.34 0.00	37.11 0.40 0.00	33.57 0.37 0.00	34.05 0.37 0.00	33.22 0.36 0.00	33.51 0.40 0.00	35.31 0.45 0.00	38.67 0.68 0.00	45.06 0.93 0.00	47.12 1.01 0.00	42.51 0.92 0.00	39.14 0.73 0.00	38.25 0.57 0.00	36.77 0.47 0.00	35.30 0.42 0.00
ALBANY___4 23574	33.11 0.26 0.00	31.32 0.22 0.00	31.26 0.25 0.00	31.66 0.28 0.00	32.21 0.26 0.00	34.98 0.31 0.00	41.24 0.53 0.00	46.24 0.82 0.00	42.84 0.76 0.00	37.72 0.34 0.00	37.11 0.40 0.00	33.57 0.37 0.00	34.05 0.37 0.00	33.22 0.36 0.00	33.51 0.40 0.00	35.31 0.45 0.00	38.67 0.68 0.00	45.06 0.93 0.00	47.12 1.01 0.00	42.51 0.92 0.00	39.14 0.73 0.00	38.25 0.57 0.00	36.77 0.47 0.00	35.30 0.42 0.00
ALBANY___LFGE 323615	33.44 0.59 0.00	31.60 0.50 0.00	31.54 0.53 0.00	31.94 0.57 0.00	32.49 0.54 0.00	35.29 0.62 0.00	41.61 0.89 0.00	46.65 1.23 0.00	43.26 1.18 0.00	38.09 0.71 0.00	37.40 0.70 0.00	33.87 0.66 0.00	34.31 0.64 0.00	33.55 0.69 0.00	33.77 0.66 0.00	35.59 0.73 0.00	38.97 0.99 0.00	45.46 1.32 0.00	47.54 1.43 0.00	42.89 1.29 0.00	39.48 1.07 0.00	38.55 0.87 0.00	37.10 0.80 0.00	35.65 0.77 0.00
ALCOA_PA_115KV_PL-6C 55860	33.25 0.39 0.00	31.70 0.59 0.00	31.57 0.56 0.00	31.94 0.56 0.00	32.33 0.38 0.00	35.01 0.35 0.00	40.75 0.04 0.00	45.28 -0.14 0.00	41.79 -0.29 0.00	37.68 0.30 0.00	37.00 0.29 0.00	33.30 0.10 0.00	33.88 0.20 0.00	32.99 0.13 0.00	33.24 0.13 0.00	35.00 0.14 0.00	38.10 0.11 0.00	43.87 -0.26 0.00	45.83 -0.28 0.00	41.18 -0.42 0.00	38.14 -0.27 0.00	37.76 0.08 0.00	36.48 0.18 0.00	35.09 0.21 0.00
ALCOA_RYNLDS___DRP 24188	33.25 0.39 0.00	31.70 0.59 0.00	31.57 0.56 0.00	31.94 0.56 0.00	32.33 0.38 0.00	35.01 0.35 0.00	40.75 0.04 0.00	45.28 -0.14 0.00	41.79 -0.29 0.00	37.68 0.30 0.00	37.00 0.29 0.00	33.30 0.10 0.00	33.88 0.20 0.00	32.99 0.13 0.00	33.24 0.13 0.00	35.00 0.14 0.00	38.10 0.11 0.00	43.87 -0.26 0.00	45.83 -0.28 0.00	41.18 -0.42 0.00	38.14 -0.27 0.00	37.76 0.08 0.00	36.48 0.18 0.00	35.09 0.21 0.00
ALCOA___DSASP 323711	33.25 0.40 0.00	31.70 0.59 0.00	31.57 0.56 0.00	31.94 0.57 0.00	32.34 0.38 0.00	35.01 0.35 0.00	40.75 0.04 0.00	45.28 -0.14 0.00	41.79 -0.29 0.00	37.68 0.30 0.00	37.07 0.37 0.00	33.30 0.10 0.00	33.88 0.20 0.00	32.99 0.13 0.00	33.24 0.13 0.00	35.00 0.14 0.00	38.10 0.11 0.00	43.87 -0.26 0.00	45.83 -0.28 0.00	41.18 -0.42 0.00	38.18 -0.23 0.00	37.83 0.15 0.00	36.48 0.18 0.00	35.10 0.21 0.00
ALLEGHENY___COGEN 23514	32.69 -0.16 0.00	31.04 -0.06 0.00	30.79 -0.22 0.00	31.06 -0.31 0.00	31.82 -0.13 0.00	34.67 0.00 0.00	41.49 0.77 0.00	45.29 -0.14 -0.01	41.83 -0.25 0.00	36.26 -1.12 0.00	35.08 -1.61 0.01	31.91 -1.30 0.00	32.36 -1.31 0.00	31.48 -1.38 0.00	31.98 -1.13 0.00	33.74 -1.12 0.00	36.96 -1.02 0.00	43.43 -0.66 0.04	45.42 -0.65 0.04	41.19 -0.42 -0.01	38.07 -0.35 -0.01	36.70 -0.94 0.04	35.21 -1.05 0.04	34.22 -0.66 0.00
ALTAMONT_115KV_TB 2 55880	33.54 0.69 0.00	31.73 0.62 0.00	31.66 0.65 0.00	32.07 0.69 0.00	32.62 0.67 0.00	35.39 0.73 0.00	41.77 1.06 0.00	46.87 1.45 0.00	43.43 1.35 0.00	38.28 0.90 0.00	37.58 0.88 0.00	34.00 0.80 0.00	34.48 0.81 0.00	33.65 0.79 0.00	33.94 0.83 0.00	35.73 0.87 0.00	39.09 1.10 0.00	45.63 1.50 0.00	47.72 1.61 0.00	43.05 1.46 0.00	39.68 1.27 0.00	38.74 1.06 0.00	37.28 0.98 0.00	35.79 0.91 0.00
ALTONA_WT_PWR 323606	34.53 1.67 0.00	32.75 1.65 0.00	32.62 1.61 0.00	33.04 1.66 0.00	33.52 1.57 0.00	36.33 1.66 0.00	42.06 1.34 0.00	46.69 1.27 0.00	42.97 0.89 0.00	38.81 1.42 0.00	38.13 1.43 0.00	34.10 0.90 0.00	34.68 1.01 0.00	33.75 0.89 0.00	33.97 0.86 0.00	35.80 0.94 0.00	39.20 1.22 0.00	45.15 1.02 0.00	47.12 1.01 0.00	42.18 0.58 0.00	39.02 0.61 0.00	38.51 0.83 0.00	37.07 0.76 0.00	36.07 1.19 0.00
AMERICAN_REF_FUEL 24010	30.32 -2.53 0.00	29.02 -2.08 0.00	28.72 -2.29 0.00	28.77 -2.60 0.00	29.46 -2.49 0.00	31.86 -2.81 0.00	37.29 -3.42 0.00	39.91 -5.50 0.01	37.12 -4.97 0.00	32.56 -4.82 0.00	31.59 -5.10 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.24 -3.87 0.00	30.75 -4.11 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.22 -5.37 0.01	33.41 -4.99 0.01	32.32 -5.31 0.05	31.31 -4.94 0.05	31.05 -3.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.03 -0.82 0.00	30.61 -0.50 0.00	30.27 -0.74 0.00	30.37 -1.01 0.00	31.15 -0.80 0.00	33.73 -0.93 0.00	39.94 -0.77 0.00	42.73 -2.68 0.01	40.06 -2.02 0.00	34.81 -2.58 0.00	33.72 -2.97 0.01	30.88 -2.33 0.00	31.55 -2.12 0.00	30.79 -2.07 0.00	31.06 -2.05 0.00	32.87 -1.99 0.00	35.14 -2.85 0.00	40.77 -3.31 0.05	42.33 -3.73 0.05	38.64 -2.95 0.01	35.64 -2.77 0.01	34.28 -3.35 0.05	33.31 -2.94 0.05	32.97 -1.92 0.00
ARTHUR KILL_GT_1 23520	34.43 1.58 0.00	32.44 1.34 0.00	32.25 1.24 0.00	32.66 1.29 0.00	33.49 1.53 0.00	36.30 1.63 0.00	42.87 2.16 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.94 2.54 -0.01	39.13 2.42 -0.01	37.29 2.16 -1.93	37.23 2.12 -1.43	37.28 2.13 -2.29	36.97 2.12 -1.74	37.61 2.26 -0.48	40.80 2.81 0.00	47.85 3.71 -0.01	50.18 4.01 -0.07	45.14 3.53 -0.01	41.41 3.00 0.00	40.25 2.56 -0.01	38.93 2.62 -0.01	37.12 2.23 0.00
ARTHUR_KILL_2 23512	34.33 1.48 0.00	32.35 1.25 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.39 1.44 0.00	36.19 1.52 0.00	42.75 2.03 0.00	48.37 2.95 0.00	45.11 3.03 0.00	39.82 2.43 -0.01	39.03 2.31 -0.01	37.20 2.06 -1.93	37.13 2.02 -1.43	37.19 2.04 -2.29	36.87 2.02 -1.74	37.50 2.16 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	50.00 3.83 -0.07	45.02 3.41 -0.01	41.25 2.84 0.00	40.14 2.45 -0.01	38.81 2.50 -0.01	37.01 2.13 0.00
ARTHUR_KILL_3 23513	34.07 1.22 0.00	32.13 1.02 0.00	32.00 0.99 0.00	32.41 1.03 0.00	33.17 1.21 0.00	36.05 1.39 0.00	40.41 2.03 2.34	42.41 2.91 5.92	42.07 2.94 2.96	39.79 2.39 -0.01	39.03 2.31 -0.01	37.27 2.16 -1.91	37.25 2.16 -1.42	37.26 2.13 -2.26	36.95 2.12 -1.72	37.53 2.20 -0.48	40.49 2.51 0.00	42.16 3.35 5.33	42.65 3.46 6.92	41.66 3.12 3.06	41.06 2.65 0.00	39.83 2.15 0.00	38.52 2.21 0.00	36.77 1.88 0.00

ARTHUR_KILL_COGEN 323718	34.43 1.58 0.00	32.44 1.34 0.00	32.25 1.24 0.00	32.66 1.29 0.00	33.49 1.53 0.00	36.30 1.63 0.00	42.87 2.16 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.94 2.54 -0.01	39.13 2.42 -0.01	37.29 2.16 -1.93	37.23 2.12 -1.43	37.28 2.13 -2.29	36.97 2.12 -1.74	37.61 2.26 -0.48	40.80 2.81 0.00	47.85 3.71 -0.01	50.18 4.01 -0.07	45.14 3.53 -0.01	41.41 3.00 0.00	40.25 2.56 -0.01	38.93 2.62 -0.01	37.12 2.23 0.00
ASHOKAN____ 23654	34.33 1.48 0.00	32.41 1.31 0.00	32.34 1.33 0.00	32.82 1.44 0.00	33.23 1.28 0.00	36.09 1.42 0.00	42.79 2.08 0.00	47.82 2.41 0.00	44.02 1.94 0.00	38.17 0.79 0.00	37.29 0.59 0.00	33.57 0.37 0.00	33.98 0.30 0.00	33.22 0.36 0.00	33.51 0.40 0.00	35.42 0.56 0.00	39.05 1.06 0.00	46.03 1.90 0.00	48.32 2.21 0.00	43.51 1.91 0.00	40.02 1.61 0.00	39.08 1.40 0.00	37.72 1.41 0.00	36.24 1.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.20 1.35 0.00	32.19 1.09 0.00	31.97 0.96 0.00	32.38 1.00 0.00	33.20 1.24 0.00	36.05 1.39 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.13 2.42 -0.01	37.35 2.22 -1.92	37.29 2.19 -1.43	37.31 2.17 -2.28	37.03 2.18 -1.73	37.63 2.30 -0.47	40.84 2.85 0.00	47.76 3.62 -0.01	50.22 4.10 -0.01	45.14 3.53 -0.01	41.48 3.07 0.00	40.24 2.56 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.20 1.35 0.00	32.19 1.09 0.00	31.97 0.96 0.00	32.38 1.00 0.00	33.20 1.24 0.00	36.05 1.39 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.13 2.42 -0.01	37.35 2.22 -1.92	37.29 2.19 -1.43	37.31 2.17 -2.28	37.03 2.18 -1.73	37.63 2.30 -0.47	40.84 2.85 0.00	47.76 3.62 -0.01	50.22 4.10 -0.01	45.14 3.53 -0.01	41.48 3.07 0.00	40.24 2.56 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT2_1 24094	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT2_2 24095	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT2_3 24096	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT2_4 24097	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT3_1 24098	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT3_2 24099	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT3_3 24100	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT3_4 24101	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT4_1 24102	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT4_2 24103	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT4_3 24104	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00

ASTORIA_GT4_4 24105	34.23 1.38 0.00	32.23 1.12 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.23 1.28 0.00	36.02 1.35 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.35 2.22 -1.92	37.29 2.19 -1.43	37.34 2.20 -2.28	37.06 2.22 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 0.00	50.22 4.10 -0.01	45.13 3.54 0.00	41.52 3.11 0.00	40.28 2.60 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA_GT_1 23523	34.26 1.41 0.00	32.26 1.15 0.00	32.03 1.02 0.00	32.44 1.07 0.00	33.26 1.31 0.00	36.12 1.46 0.00	43.12 2.40 0.00	48.64 3.23 0.00	45.37 3.28 0.00	40.01 2.62 -0.01	39.24 2.53 -0.01	37.42 2.29 -1.92	37.39 2.29 -1.43	37.41 2.27 -2.28	37.09 2.25 -1.73	37.70 2.37 -0.47	40.95 2.96 0.00	47.89 3.75 -0.01	50.36 4.24 -0.01	45.27 3.66 -0.01	41.60 3.19 0.00	40.32 2.64 0.00	38.95 2.65 0.00	37.01 2.13 0.00
ASTORIA_GT_10 24110	34.23 1.38 0.00	32.26 1.15 0.00	32.06 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	42.95 2.24 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.89 2.50 0.00	39.13 2.42 0.00	37.33 2.19 -1.93	37.26 2.16 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.27 -0.48	40.76 2.77 0.00	47.71 3.57 0.00	49.95 3.83 -0.01	45.01 3.41 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.91 2.02 0.00
ASTORIA_GT_11 24225	34.23 1.38 0.00	32.26 1.15 0.00	32.06 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	42.95 2.24 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.89 2.50 0.00	39.13 2.42 0.00	37.33 2.19 -1.93	37.26 2.16 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.27 -0.48	40.76 2.77 0.00	47.71 3.57 0.00	49.95 3.83 -0.01	45.01 3.41 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.91 2.02 0.00
ASTORIA_GT_12 24226	34.23 1.38 0.00	32.26 1.15 0.00	32.06 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	42.95 2.24 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.89 2.50 0.00	39.13 2.42 0.00	37.33 2.19 -1.93	37.26 2.16 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.27 -0.48	40.76 2.77 0.00	47.71 3.57 0.00	49.95 3.83 -0.01	45.01 3.41 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.91 2.02 0.00
ASTORIA_GT_13 24227	34.23 1.38 0.00	32.26 1.15 0.00	32.06 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	42.95 2.24 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.89 2.50 0.00	39.13 2.42 0.00	37.33 2.19 -1.93	37.26 2.16 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.27 -0.48	40.76 2.77 0.00	47.71 3.57 0.00	49.95 3.83 -0.01	45.01 3.41 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.91 2.02 0.00
ASTORIA_GT_5 24106	34.26 1.41 0.00	32.26 1.15 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	43.12 2.40 0.00	48.64 3.22 0.00	45.36 3.28 0.00	40.04 2.65 0.00	39.20 2.50 0.00	37.42 2.29 -1.92	37.36 2.26 -1.43	37.41 2.27 -2.28	37.13 2.18 -1.73	37.70 2.37 -0.47	40.95 2.96 0.00	47.88 3.75 0.00	50.31 4.20 -0.01	45.26 3.66 0.00	41.60 3.19 0.00	40.36 2.68 0.00	38.95 2.65 0.00	37.01 2.13 0.00
ASTORIA_GT_7 24107	34.26 1.41 0.00	32.26 1.15 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	43.12 2.40 0.00	48.64 3.22 0.00	45.36 3.28 0.00	40.04 2.65 0.00	39.20 2.50 0.00	37.42 2.29 -1.92	37.36 2.26 -1.43	37.41 2.27 -2.28	37.13 2.18 -1.73	37.70 2.37 -0.47	40.95 2.96 0.00	47.88 3.75 0.00	50.31 4.20 -0.01	45.26 3.66 0.00	41.60 3.19 0.00	40.36 2.68 0.00	38.95 2.65 0.00	37.01 2.13 0.00
ASTORIA_GT_8 24108	34.26 1.41 0.00	32.26 1.15 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	43.12 2.40 0.00	48.64 3.22 0.00	45.36 3.28 0.00	40.04 2.65 0.00	39.20 2.50 0.00	37.42 2.29 -1.92	37.36 2.26 -1.43	37.41 2.27 -2.28	37.13 2.18 -1.73	37.70 2.37 -0.47	40.95 2.96 0.00	47.88 3.75 0.00	50.31 4.20 -0.01	45.26 3.66 0.00	41.60 3.19 0.00	40.36 2.68 0.00	38.95 2.65 0.00	37.01 2.13 0.00
ASTORIA___2 24149	34.23 1.38 0.00	32.22 1.12 0.00	32.00 0.99 0.00	32.41 1.03 0.00	33.23 1.28 0.00	36.05 1.39 0.00	43.03 2.32 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.35 2.22 -1.92	37.32 2.22 -1.43	37.34 2.20 -2.28	37.03 2.18 -1.73	37.63 2.30 -0.47	40.87 2.89 0.00	47.80 3.66 -0.01	50.27 4.15 -0.01	45.18 3.58 -0.01	41.48 3.07 0.00	40.24 2.56 0.00	38.88 2.58 0.00	36.94 2.06 0.00
ASTORIA___3 23516	34.23 1.38 0.00	32.26 1.15 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.12 1.46 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.13 2.42 -0.01	37.33 2.19 -1.93	37.30 2.19 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.26 -0.48	40.72 2.74 0.00	47.76 3.62 -0.01	49.99 3.87 -0.01	45.02 3.41 -0.01	41.33 2.92 0.00	40.09 2.41 0.00	38.73 2.43 0.00	36.91 2.02 0.00
ASTORIA___4 23517	34.23 1.38 0.00	32.26 1.15 0.00	32.06 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	42.95 2.24 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.89 2.50 0.00	39.13 2.42 0.00	37.33 2.19 -1.93	37.26 2.16 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.27 -0.48	40.76 2.77 0.00	47.71 3.57 0.00	49.95 3.83 -0.01	45.01 3.41 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.91 2.02 0.00
ASTORIA___5 23518	34.23 1.38 0.00	32.26 1.15 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.12 1.46 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.13 2.42 -0.01	37.33 2.19 -1.93	37.30 2.19 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.26 -0.48	40.72 2.74 0.00	47.76 3.62 -0.01	49.99 3.87 -0.01	45.02 3.41 -0.01	41.33 2.92 0.00	40.09 2.41 0.00	38.73 2.43 0.00	36.91 2.02 0.00
AST_ENERGY_2_CC3 323677	34.20 1.35 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.16 1.49 0.00	42.91 2.20 0.00	48.55 3.13 0.00	45.20 3.11 0.00	39.90 2.51 -0.01	39.10 2.38 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.02 2.18 -1.72	37.60 2.26 -0.48	40.65 2.66 0.00	47.67 3.53 -0.01	49.82 3.69 -0.02	44.89 3.29 -0.01	41.21 2.80 0.00	39.98 2.30 0.00	38.63 2.33 0.00	36.91 2.02 0.00
AST_ENERGY_2_CC4 323678	34.20 1.35 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.16 1.49 0.00	42.91 2.20 0.00	48.55 3.13 0.00	45.20 3.11 0.00	39.90 2.51 -0.01	39.10 2.38 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.02 2.18 -1.72	37.60 2.26 -0.48	40.65 2.66 0.00	47.67 3.53 -0.01	49.82 3.69 -0.02	44.89 3.29 -0.01	41.21 2.80 0.00	39.98 2.30 0.00	38.63 2.33 0.00	36.91 2.02 0.00

ATHENS_STG_1 23668	33.77 0.92 0.00	31.91 0.81 0.00	31.85 0.84 0.00	32.25 0.88 0.00	32.84 0.89 0.00	35.64 0.97 0.00	42.14 1.42 0.00	47.28 1.86 0.00	43.89 1.81 0.00	38.69 1.31 0.00	37.95 1.25 0.00	34.37 1.16 0.00	34.82 1.15 0.00	34.01 1.15 0.00	34.24 1.13 0.00	36.04 1.19 0.00	39.43 1.44 0.00	46.12 1.99 0.00	48.19 2.08 0.00	43.47 1.87 0.00	40.02 1.61 0.00	39.00 1.32 0.00	37.57 1.27 0.00	36.07 1.19 0.00
ATHENS_STG_2 23670	33.77 0.92 0.00	31.91 0.81 0.00	31.85 0.84 0.00	32.25 0.88 0.00	32.84 0.89 0.00	35.64 0.97 0.00	42.14 1.42 0.00	47.28 1.86 0.00	43.89 1.81 0.00	38.69 1.31 0.00	37.95 1.25 0.00	34.37 1.16 0.00	34.82 1.15 0.00	34.01 1.15 0.00	34.24 1.13 0.00	36.04 1.19 0.00	39.43 1.44 0.00	46.12 1.99 0.00	48.19 2.08 0.00	43.47 1.87 0.00	40.02 1.61 0.00	39.00 1.32 0.00	37.57 1.27 0.00	36.07 1.19 0.00
ATHENS_STG_3 23677	33.77 0.92 0.00	31.91 0.81 0.00	31.85 0.84 0.00	32.25 0.88 0.00	32.84 0.89 0.00	35.64 0.97 0.00	42.14 1.42 0.00	47.28 1.86 0.00	43.89 1.81 0.00	38.69 1.31 0.00	37.95 1.25 0.00	34.37 1.16 0.00	34.82 1.15 0.00	34.01 1.15 0.00	34.24 1.13 0.00	36.04 1.19 0.00	39.43 1.44 0.00	46.12 1.99 0.00	48.19 2.08 0.00	43.47 1.87 0.00	40.02 1.61 0.00	39.00 1.32 0.00	37.57 1.27 0.00	36.07 1.19 0.00
AUBURN___LFGE 323710	32.56 -0.30 0.00	30.86 -0.25 0.00	30.70 -0.31 0.00	31.03 -0.35 0.00	31.73 -0.22 0.00	34.53 -0.14 0.00	40.96 0.24 0.00	45.27 -0.18 -0.03	41.87 -0.21 0.00	36.90 -0.49 0.00	36.07 -0.62 0.01	32.64 -0.56 0.00	33.10 -0.57 0.00	32.24 -0.62 0.00	32.51 -0.60 0.00	34.27 -0.59 0.00	37.42 -0.57 0.00	43.71 -0.40 0.02	45.67 -0.41 0.02	41.38 -0.25 -0.03	38.20 -0.23 -0.02	37.09 -0.57 0.02	35.59 -0.69 0.02	34.29 -0.59 0.00
BABYLON_RES_REC 323704	43.85 2.40 -8.60	39.94 2.14 -6.69	39.94 2.11 -6.82	39.03 2.16 -5.49	40.01 2.33 -5.73	44.71 2.60 -7.44	55.12 3.67 -10.74	57.82 4.54 -7.86	54.32 4.38 -7.86	44.68 3.40 -3.90	44.06 3.23 -4.13	41.90 2.92 -5.77	39.47 2.90 -2.90	39.93 2.89 -4.17	42.94 2.91 -6.92	46.49 3.07 -8.56	54.25 3.68 -12.58	68.99 4.81 -20.04	66.54 5.03 -15.40	56.11 4.49 -10.01	54.96 3.92 -12.63	53.10 3.35 -12.06	46.31 3.20 -6.81	46.02 2.89 -8.24
BABYLON__69_KV_BK2 356345	44.31 2.86 -8.60	40.34 2.55 -6.69	40.37 2.54 -6.82	39.44 2.57 -5.49	40.43 2.75 -5.73	45.16 3.05 -7.44	55.81 4.36 -10.74	58.54 5.27 -7.86	55.03 5.09 -7.86	45.17 3.89 -3.90	44.50 3.67 -4.13	42.30 3.32 -5.77	39.87 3.30 -2.90	40.32 3.29 -4.17	43.37 3.34 -6.92	46.94 3.52 -8.56	54.86 4.29 -12.58	69.73 5.56 -20.04	67.28 5.76 -15.40	56.77 5.16 -10.01	55.65 4.61 -12.63	53.74 3.99 -12.06	46.78 3.67 -6.81	46.47 3.35 -8.24
BALL_HILL_WT_PWR 323825	31.57 -1.28 0.00	30.17 -0.93 0.00	29.86 -1.15 0.00	29.96 -1.41 0.00	30.74 -1.21 0.00	33.21 -1.45 0.00	39.25 -1.46 0.00	41.91 -3.50 0.01	39.30 -2.78 0.00	34.43 -2.95 0.00	33.35 -3.34 0.01	30.58 -2.62 0.00	31.25 -2.43 0.00	30.47 -2.40 0.00	30.76 -2.35 0.00	32.38 -2.47 0.00	34.64 -3.34 0.00	40.20 -3.88 0.05	41.82 -4.24 0.05	38.22 -3.37 0.01	35.29 -3.11 0.01	33.98 -3.65 0.05	33.02 -3.23 0.05	32.65 -2.23 0.00
BARON_WINDS___WT_PWR 323822	33.21 0.36 0.00	31.48 0.37 0.00	31.29 0.28 0.00	31.60 0.22 0.00	32.37 0.41 0.00	35.12 0.45 0.00	41.81 1.10 0.00	45.85 0.41 -0.02	42.34 0.25 0.00	37.16 -0.22 0.00	36.18 -0.51 0.01	32.87 -0.33 0.00	33.37 -0.30 0.00	32.50 -0.36 0.00	32.81 -0.30 0.00	34.54 -0.31 0.00	37.65 -0.34 0.00	43.88 -0.22 0.03	45.71 -0.37 0.03	41.62 0.00 -0.02	38.47 0.04 -0.02	37.16 -0.49 0.03	35.80 -0.47 0.03	34.82 -0.07 0.00
BARRETT_IC_1 23704	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_10 23701	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_11 23702	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_12 23703	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_2 23705	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_3 23706	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_4 23707	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24

BARRETT_IC_5 23708	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_6 23709	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_7 23710	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.73 -5.49	39.57 1.89 -5.73	43.98 1.87 -7.44	54.18 2.73 -10.74	56.82 3.54 -7.86	53.43 3.49 -7.85	44.01 2.73 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.13 2.56 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.01 3.84 -20.03	65.47 3.97 -15.40	55.22 3.62 -10.01	54.22 3.19 -12.63	52.45 2.71 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_8 23711	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT_IC_9 23700	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT___1 23545	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BARRETT___2 23546	43.32 1.87 -8.60	39.50 1.71 -6.69	39.50 1.67 -6.82	38.59 1.72 -5.49	39.54 1.85 -5.73	44.04 1.94 -7.44	54.18 2.73 -10.74	56.86 3.59 -7.86	53.42 3.49 -7.85	44.05 2.77 -3.90	43.58 2.75 -4.13	41.54 2.56 -5.77	39.17 2.59 -2.90	39.60 2.56 -4.17	42.54 2.52 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.05 3.88 -20.03	65.52 4.01 -15.40	55.22 3.62 -10.01	54.15 3.11 -12.63	52.41 2.68 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
BATAVIA__115KV_TB1 55881	31.60 -1.25 0.00	30.17 -0.93 0.00	29.89 -1.12 0.00	29.90 -1.47 0.00	30.74 -1.21 0.00	33.31 -1.35 0.00	39.25 -1.47 0.00	42.32 -3.09 0.01	39.47 -2.61 0.00	34.62 -2.77 0.00	33.53 -3.16 0.01	30.58 -2.62 0.00	31.18 -2.49 0.00	30.43 -2.43 0.00	30.59 -2.52 0.00	32.35 -2.51 0.00	34.76 -3.23 0.00	40.55 -3.53 0.05	42.41 -3.64 0.05	38.46 -3.12 0.01	35.60 -2.80 0.01	34.31 -3.32 0.05	33.16 -3.09 0.05	32.44 -2.44 0.00
BAYONEEC___CTG1 323682	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BAYONEEC___CTG10 323750	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BAYONEEC___CTG2 323683	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BAYONEEC___CTG3 323684	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BAYONEEC___CTG4 323685	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BAYONEEC___CTG5 323686	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BAYONEEC___CTG6 323687	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00

BAYONEEC___CTG7 323688	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BAYONEEC___CTG8 323689	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BAYONEEC___CTG9 323749	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.05 2.22 -1.72	37.64 2.30 -0.48	40.69 2.70 0.00	47.71 3.57 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	39.98 2.30 0.00	38.66 2.36 0.00	36.91 2.02 0.00
BEACON___LESR 323632	33.74 0.89 0.00	31.88 0.78 0.00	31.82 0.80 0.00	32.22 0.85 0.00	32.81 0.86 0.00	35.67 1.01 0.00	42.06 1.34 0.00	47.14 1.73 0.00	43.68 1.60 0.00	38.39 1.01 0.00	37.70 0.99 0.00	34.10 0.90 0.00	34.52 0.84 0.00	33.78 0.92 0.00	34.04 0.93 0.00	35.87 1.01 0.00	39.32 1.33 0.00	45.90 1.77 0.00	48.05 1.94 0.00	43.38 1.79 0.00	39.91 1.50 0.00	38.92 1.24 0.00	37.46 1.16 0.00	36.00 1.12 0.00
BEAVER RIVER___HYD 24048	32.79 -0.07 0.00	31.11 0.00 0.00	31.01 0.00 0.00	31.38 0.00 0.00	31.95 0.00 0.00	34.81 0.14 0.00	41.16 0.45 0.00	45.83 0.41 0.00	42.08 0.00 0.00	37.20 -0.19 0.00	36.22 -0.48 0.00	32.71 -0.50 0.00	33.14 -0.54 0.00	32.34 -0.53 0.00	32.58 -0.53 0.00	34.40 -0.45 0.00	37.84 -0.15 0.00	44.35 0.22 0.01	46.34 0.23 0.01	41.72 0.13 0.00	38.45 0.04 0.00	37.60 -0.08 0.01	36.19 -0.11 0.01	34.78 -0.10 0.00
BEEBEE_GT_13 23619	31.57 -1.28 0.00	30.05 -1.06 0.00	29.80 -1.21 0.00	29.93 -1.44 0.00	30.67 -1.28 0.00	33.28 -1.39 0.00	39.29 -1.42 0.00	42.90 -2.50 0.02	39.94 -2.15 0.00	35.14 -2.24 0.00	34.19 -2.50 0.02	31.11 -2.09 0.00	31.65 -2.02 0.00	30.86 -2.00 0.00	31.09 -2.02 0.00	32.77 -2.09 0.00	35.40 -2.58 0.00	41.34 -2.74 0.06	43.38 -2.67 0.06	39.13 -2.45 0.02	36.17 -2.23 0.01	35.03 -2.60 0.06	33.78 -2.47 0.06	32.79 -2.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.59 1.74 0.00	32.57 1.46 0.00	32.41 1.40 0.00	32.85 1.47 0.00	33.64 1.69 0.00	36.43 1.77 0.00	43.36 2.65 0.00	49.05 3.63 0.00	45.74 3.66 0.00	40.34 2.95 0.00	39.53 2.83 0.00	37.69 2.56 -1.93	37.63 2.53 -1.43	37.68 2.53 -2.29	37.37 2.52 -1.74	37.99 2.65 -0.48	41.22 3.23 0.00	48.33 4.19 0.00	50.60 4.43 -0.07	45.59 3.99 0.00	41.83 3.42 0.00	40.63 2.94 -0.01	39.18 2.87 -0.01	37.33 2.44 0.00
BETHLEHEM___GRP 23843	33.11 0.26 0.00	31.32 0.22 0.00	31.26 0.25 0.00	31.66 0.28 0.00	32.21 0.26 0.00	34.98 0.31 0.00	41.24 0.53 0.00	46.24 0.82 0.00	42.84 0.76 0.00	37.72 0.34 0.00	37.11 0.40 0.00	33.57 0.37 0.00	34.05 0.37 0.00	33.22 0.36 0.00	33.51 0.40 0.00	35.31 0.45 0.00	38.67 0.68 0.00	45.06 0.93 0.00	47.12 1.01 0.00	42.51 0.92 0.00	39.14 0.73 0.00	38.25 0.57 0.00	36.77 0.47 0.00	35.30 0.42 0.00
BETHLEHEM___GS1 323560	33.11 0.26 0.00	31.32 0.22 0.00	31.26 0.25 0.00	31.66 0.28 0.00	32.21 0.25 0.00	34.98 0.31 0.00	41.16 0.45 0.00	46.14 0.72 0.00	42.75 0.67 0.00	37.68 0.30 0.00	37.03 0.33 0.00	33.54 0.33 0.00	33.98 0.30 0.00	33.22 0.36 0.00	33.44 0.33 0.00	35.24 0.38 0.00	38.59 0.61 0.00	44.97 0.84 0.00	47.03 0.92 0.00	42.43 0.83 0.00	39.02 0.61 0.00	38.17 0.49 0.00	36.70 0.40 0.00	35.27 0.38 0.00
BETHLEHEM___GS2 323561	33.11 0.26 0.00	31.32 0.22 0.00	31.26 0.25 0.00	31.66 0.28 0.00	32.21 0.25 0.00	34.98 0.31 0.00	41.16 0.45 0.00	46.14 0.72 0.00	42.75 0.67 0.00	37.68 0.30 0.00	37.03 0.33 0.00	33.54 0.33 0.00	33.98 0.30 0.00	33.22 0.36 0.00	33.44 0.33 0.00	35.24 0.38 0.00	38.59 0.61 0.00	44.97 0.84 0.00	47.03 0.92 0.00	42.43 0.83 0.00	39.02 0.61 0.00	38.17 0.49 0.00	36.70 0.40 0.00	35.27 0.38 0.00
BETHLEHEM___GS3 323562	33.11 0.26 0.00	31.32 0.22 0.00	31.26 0.25 0.00	31.66 0.28 0.00	32.21 0.25 0.00	34.98 0.31 0.00	41.16 0.45 0.00	46.14 0.72 0.00	42.75 0.67 0.00	37.68 0.30 0.00	37.03 0.33 0.00	33.54 0.33 0.00	33.98 0.30 0.00	33.22 0.36 0.00	33.44 0.33 0.00	35.24 0.38 0.00	38.59 0.61 0.00	44.97 0.84 0.00	47.03 0.92 0.00	42.43 0.83 0.00	39.02 0.61 0.00	38.17 0.49 0.00	36.70 0.40 0.00	35.27 0.38 0.00
BETHLEHEM___STEEL 23779	31.41 -1.45 0.00	30.05 -1.06 0.00	29.74 -1.27 0.00	29.71 -1.66 0.00	30.58 -1.37 0.00	33.00 -1.66 0.00	38.84 -1.87 0.00	41.37 -4.04 0.01	38.88 -3.20 0.00	34.17 -3.22 0.00	33.24 -3.45 0.01	30.32 -2.89 0.00	31.01 -2.66 0.00	30.27 -2.60 0.00	30.40 -2.72 0.00	32.11 -2.75 0.00	34.38 -3.61 0.00	39.84 -4.24 0.05	41.12 -4.93 0.05	37.84 -3.74 0.01	35.10 -3.30 0.01	33.79 -3.84 0.05	32.69 -3.56 0.05	32.27 -2.62 0.00
BETHLHEM_115KV_TB1 79974	33.21 0.36 0.00	31.42 0.31 0.00	31.35 0.34 0.00	31.75 0.38 0.00	32.30 0.35 0.00	35.05 0.38 0.00	41.37 0.65 0.00	46.28 0.86 0.00	42.88 0.80 0.00	37.76 0.37 0.00	37.14 0.44 0.00	33.60 0.40 0.00	34.05 0.37 0.00	33.26 0.39 0.00	33.54 0.43 0.00	35.35 0.49 0.00	38.71 0.72 0.00	45.10 0.97 0.00	47.17 1.06 0.00	42.55 0.96 0.00	39.18 0.77 0.00	38.28 0.60 0.00	36.81 0.51 0.00	35.34 0.45 0.00
BETHPAGE_CC_5 323564	43.65 2.20 -8.60	39.75 1.96 -6.69	39.78 1.95 -6.82	38.85 1.98 -5.49	39.82 2.14 -5.73	44.46 2.36 -7.44	54.75 3.30 -10.74	57.45 4.18 -7.86	53.98 4.04 -7.86	44.50 3.22 -3.90	43.88 3.04 -4.13	41.77 2.79 -5.77	39.37 2.79 -2.90	39.80 2.76 -4.17	42.78 2.75 -6.92	46.31 2.89 -8.56	53.98 3.42 -12.58	68.63 4.46 -20.04	66.12 4.61 -15.40	55.77 4.16 -10.01	54.65 3.61 -12.63	52.83 3.09 -12.06	46.12 3.01 -6.81	45.85 2.72 -8.24
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.57 -1.28 0.00	30.20 -0.90 0.00	29.89 -1.12 0.00	29.87 -1.51 0.00	30.74 -1.21 0.00	33.21 -1.46 0.00	39.09 -1.63 0.00	41.50 -3.91 0.01	38.97 -3.11 0.00	34.28 -3.10 0.00	33.31 -3.38 0.01	30.42 -2.79 0.00	31.08 -2.59 0.00	30.33 -2.53 0.00	30.46 -2.65 0.00	32.28 -2.58 0.00	34.57 -3.42 0.00	40.02 -4.06 0.05	41.22 -4.84 0.05	38.05 -3.54 0.01	35.29 -3.11 0.01	33.98 -3.66 0.05	32.84 -3.41 0.05	32.44 -2.44 0.00

BINGHAMTON___COGEN 23790	32.95 0.10 0.00	31.20 0.09 0.00	31.07 0.06 0.00	31.41 0.03 0.00	32.08 0.13 0.00	34.81 0.14 0.00	41.24 0.53 0.00	45.52 0.09 -0.01	42.33 0.25 0.00	37.31 -0.07 0.00	36.48 -0.22 0.01	33.04 -0.17 0.00	33.54 -0.13 0.00	32.70 -0.16 0.00	32.95 -0.17 0.00	34.68 -0.17 0.00	37.87 -0.11 0.00	44.20 0.09 0.02	46.04 -0.05 0.02	41.78 0.17 -0.01	38.61 0.19 -0.01	37.51 -0.15 0.02	36.03 -0.25 0.02	34.82 -0.07 0.00
BIXINCNT_115KV_LOAD 355685	32.23 -0.62 0.00	30.79 -0.31 0.00	30.48 -0.53 0.00	30.53 -0.85 0.00	31.41 -0.54 0.00	33.94 -0.73 0.00	40.18 -0.53 0.00	42.55 -2.86 0.01	40.06 -2.02 0.00	35.10 -2.28 0.00	34.12 -2.57 0.01	31.08 -2.13 0.00	31.76 -1.92 0.00	30.96 -1.91 0.00	31.12 -1.99 0.00	32.91 -1.95 0.00	35.37 -2.62 0.00	40.77 -3.31 0.05	41.73 -4.33 0.05	38.76 -2.83 0.01	36.06 -2.34 0.00	34.62 -3.01 0.05	33.39 -2.87 0.05	33.07 -1.81 0.00
BLACK RIVER___HYD 24047	32.79 -0.07 0.00	31.11 0.00 0.00	30.98 -0.03 0.00	31.31 -0.06 0.00	31.95 0.00 0.00	34.84 0.17 0.00	41.36 0.65 0.00	45.97 0.55 0.00	42.08 0.00 0.00	37.05 -0.34 0.00	35.97 -0.73 0.00	32.51 -0.70 0.00	32.93 -0.74 0.00	32.14 -0.72 0.00	32.38 -0.73 0.00	34.27 -0.59 0.00	37.76 -0.23 0.00	44.48 0.35 0.00	46.48 0.37 0.00	41.89 0.29 0.00	38.60 0.19 0.00	37.61 -0.08 0.00	36.19 -0.11 0.00	34.75 -0.14 0.00
BLACKRVR_115KV_TB2 79977	32.79 -0.07 0.00	31.11 0.00 0.00	30.98 -0.03 0.00	31.31 -0.06 0.00	31.95 0.00 0.00	34.84 0.17 0.00	41.37 0.65 0.00	45.92 0.50 0.00	42.08 0.00 0.00	37.05 -0.34 0.00	35.97 -0.73 0.00	32.51 -0.70 0.00	32.93 -0.74 0.00	32.14 -0.72 0.00	32.38 -0.73 0.00	34.27 -0.59 0.00	37.76 -0.23 0.00	44.49 0.35 0.00	46.48 0.37 0.00	41.89 0.29 0.00	38.60 0.19 0.00	37.61 -0.08 0.00	36.19 -0.11 0.00	34.71 -0.17 0.00
BLISS_WT_PWR 323608	32.26 -0.59 0.00	30.82 -0.28 0.00	30.51 -0.50 0.00	30.62 -0.75 0.00	31.47 -0.48 0.00	34.04 -0.62 0.00	40.31 -0.41 0.00	42.83 -2.59 0.01	40.23 -1.85 0.00	35.14 -2.24 0.00	34.01 -2.68 0.01	31.11 -2.09 0.00	31.79 -1.89 0.00	30.99 -1.87 0.00	31.29 -1.82 0.00	32.98 -1.88 0.00	35.37 -2.62 0.00	40.82 -3.27 0.05	42.42 -3.64 0.05	38.80 -2.79 0.01	35.99 -2.42 0.00	34.47 -3.17 0.05	33.64 -2.61 0.05	33.28 -1.60 0.00
BLUESTONE___WT_PWR 323821	35.32 2.47 0.00	33.44 2.33 0.00	33.27 2.26 0.00	33.64 2.26 0.00	34.45 2.49 0.00	37.54 2.88 0.00	44.91 4.19 0.00	49.79 4.36 -0.01	45.87 3.79 0.00	40.04 2.65 0.00	38.72 2.02 0.00	35.10 1.89 0.00	35.56 1.88 0.00	34.64 1.77 0.00	34.93 1.82 0.00	36.88 2.02 0.00	40.57 2.58 0.00	47.95 3.84 0.02	50.01 3.92 0.02	45.22 3.62 -0.01	41.65 3.23 -0.01	40.30 2.64 0.02	38.79 2.50 0.02	37.36 2.48 0.00
BLUE_CIRC_CHEM_DRP 24182	33.64 0.79 0.00	31.82 0.72 0.00	31.75 0.74 0.00	32.16 0.78 0.00	32.72 0.77 0.00	35.50 0.83 0.00	41.89 1.18 0.00	46.96 1.54 0.00	43.47 1.39 0.00	38.32 0.93 0.00	37.62 0.92 0.00	34.03 0.83 0.00	34.48 0.81 0.00	33.68 0.82 0.00	33.97 0.86 0.00	35.77 0.91 0.00	39.13 1.14 0.00	45.63 1.50 0.00	47.72 1.61 0.00	43.09 1.50 0.00	39.72 1.31 0.00	38.77 1.09 0.00	37.32 1.02 0.00	35.86 0.98 0.00
BOC_GAS_DRP 24189	33.41 0.56 0.00	31.60 0.50 0.00	31.54 0.53 0.00	31.94 0.56 0.00	32.49 0.54 0.00	35.26 0.59 0.00	41.61 0.90 0.00	46.69 1.27 0.00	43.30 1.22 0.00	38.21 0.82 0.00	37.51 0.81 0.00	33.94 0.73 0.00	34.42 0.74 0.00	33.59 0.72 0.00	33.87 0.76 0.00	35.63 0.77 0.00	38.98 0.99 0.00	45.46 1.32 0.00	47.54 1.43 0.00	42.89 1.29 0.00	39.52 1.11 0.00	38.59 0.90 0.00	37.14 0.83 0.00	35.69 0.80 0.00
BOONVILLE_115KV_TB1 79983	33.51 0.66 0.00	31.76 0.65 0.00	31.66 0.65 0.00	32.00 0.63 0.00	32.69 0.73 0.00	35.57 0.90 0.00	42.14 1.42 0.00	47.01 1.59 0.00	43.30 1.22 0.00	38.21 0.82 0.00	37.29 0.59 0.00	33.70 0.50 0.00	34.15 0.47 0.00	33.32 0.46 0.00	33.57 0.46 0.00	35.42 0.56 0.00	38.86 0.87 0.00	45.49 1.37 0.01	47.53 1.43 0.01	42.85 1.25 0.00	39.52 1.11 0.00	38.54 0.87 0.01	37.13 0.83 0.01	35.65 0.77 0.00
BORALEX_4TH_BRANCH 23824	34.46 1.61 0.00	32.57 1.46 0.00	32.47 1.46 0.00	32.88 1.51 0.00	33.52 1.57 0.00	36.40 1.73 0.00	42.95 2.24 0.00	48.19 2.77 0.00	44.69 2.61 0.00	39.37 1.98 0.00	38.65 1.95 0.00	35.00 1.79 0.00	35.43 1.75 0.00	34.60 1.74 0.00	34.87 1.75 0.00	36.67 1.81 0.00	40.19 2.20 0.00	46.96 2.82 0.00	49.11 3.00 0.00	44.30 2.70 0.00	40.79 2.38 0.00	39.75 2.07 0.00	38.30 2.00 0.00	36.80 1.92 0.00
BOWLINE___1 23526	34.07 1.22 0.00	32.13 1.02 0.00	32.03 1.02 0.00	32.44 1.07 0.00	33.13 1.18 0.00	35.95 1.28 0.00	42.67 1.95 0.00	48.10 2.68 0.00	44.69 2.61 0.00	39.36 1.98 0.00	38.61 1.91 0.00	34.93 1.73 0.00	35.39 1.72 0.00	34.57 1.71 0.00	34.80 1.69 0.00	36.60 1.74 0.00	40.11 2.13 0.00	47.09 2.96 0.00	49.20 3.09 0.00	44.34 2.74 0.00	40.75 2.34 0.00	39.56 1.88 0.00	38.19 1.89 0.00	36.52 1.64 0.00
BOWLINE___2 23595	34.07 1.22 0.00	32.13 1.02 0.00	32.03 1.02 0.00	32.44 1.07 0.00	33.13 1.18 0.00	35.95 1.28 0.00	42.67 1.95 0.00	48.10 2.68 0.00	44.69 2.61 0.00	39.36 1.98 0.00	38.61 1.91 0.00	34.93 1.73 0.00	35.39 1.72 0.00	34.57 1.71 0.00	34.80 1.69 0.00	36.60 1.74 0.00	40.11 2.13 0.00	47.09 2.96 0.00	49.20 3.09 0.00	44.34 2.74 0.00	40.75 2.34 0.00	39.56 1.88 0.00	38.19 1.89 0.00	36.52 1.64 0.00
BRADY___115KV_TB2 356060	33.51 0.66 0.00	31.91 0.81 0.00	31.82 0.81 0.00	32.22 0.85 0.00	32.59 0.64 0.00	35.33 0.66 0.00	41.12 0.41 0.00	45.78 0.36 0.00	42.17 0.08 0.00	37.95 0.56 0.00	37.22 0.51 0.00	33.47 0.27 0.00	34.01 0.34 0.00	33.16 0.30 0.00	33.38 0.26 0.00	35.17 0.31 0.00	38.37 0.38 0.00	44.26 0.13 0.00	46.20 0.09 0.00	41.56 -0.04 0.00	38.45 0.04 0.00	38.02 0.34 0.00	36.74 0.44 0.00	35.37 0.49 0.00
BRANSCOMB___SOLAR 323811	34.23 1.38 0.00	32.32 1.21 0.00	32.25 1.24 0.00	32.69 1.32 0.00	33.32 1.37 0.00	35.85 1.18 0.00	42.46 1.75 0.00	47.64 2.22 0.00	43.98 1.90 0.00	38.62 1.23 0.00	37.84 1.14 0.00	34.24 1.03 0.00	34.65 0.98 0.00	33.85 0.98 0.00	34.10 0.99 0.00	35.97 1.12 0.00	39.47 1.48 0.00	46.29 2.16 0.00	48.46 2.35 0.00	43.80 2.20 0.00	40.29 1.88 0.00	39.23 1.55 0.00	37.72 1.41 0.00	36.21 1.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	44.24 2.79 -8.60	40.31 2.52 -6.69	40.31 2.48 -6.82	39.41 2.54 -5.49	40.40 2.72 -5.73	45.09 2.98 -7.44	55.73 4.27 -10.74	58.45 5.18 -7.86	54.95 5.01 -7.86	45.10 3.81 -3.90	44.43 3.60 -4.13	42.23 3.25 -5.77	39.81 3.23 -2.90	40.26 3.22 -4.17	43.31 3.28 -6.92	46.87 3.45 -8.56	54.74 4.18 -12.58	69.51 5.34 -20.04	67.05 5.53 -15.41	56.60 4.99 -10.01	55.42 4.38 -12.63	53.63 3.88 -12.06	46.71 3.59 -6.81	46.40 3.28 -8.24

BRISTLHL_115KV_TB1 79998	31.80 -1.05 0.00	30.14 -0.96 0.00	29.99 -1.02 0.00	30.34 -1.04 0.00	30.96 -0.99 0.00	33.63 -1.04 0.00	39.78 -0.94 0.00	43.97 -1.45 0.00	40.69 -1.39 0.00	35.93 -1.46 0.00	35.16 -1.54 0.00	31.88 -1.33 0.00	32.33 -1.35 0.00	31.52 -1.35 0.00	31.75 -1.36 0.00	33.46 -1.39 0.00	36.51 -1.48 0.00	42.64 -1.50 -0.01	44.55 -1.57 -0.01	40.27 -1.33 0.00	37.15 -1.27 0.00	36.26 -1.43 -0.01	34.82 -1.49 -0.01	33.49 -1.40 0.00
BROOKHAVEN___DRP 24191	44.31 2.86 -8.60	40.31 2.52 -6.69	40.34 2.51 -6.82	39.44 2.57 -5.49	40.43 2.75 -5.73	45.26 3.15 -7.44	56.01 4.56 -10.74	58.59 5.31 -7.86	55.24 5.30 -7.86	45.21 3.93 -3.90	44.57 3.74 -4.13	42.23 3.25 -5.77	39.77 3.20 -2.90	40.22 3.19 -4.17	43.34 3.31 -6.92	46.80 3.38 -8.56	54.89 4.33 -12.58	70.00 5.83 -20.04	67.60 6.09 -15.41	56.98 5.37 -10.01	55.81 4.76 -12.63	53.78 4.03 -12.06	46.71 3.59 -6.81	46.40 3.28 -8.24
BROOKLYN_NAVY_YARD 23515	34.23 1.38 0.00	32.26 1.15 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.19 1.52 0.00	43.03 2.32 0.00	48.69 3.27 0.00	45.37 3.28 0.00	40.01 2.62 -0.01	39.24 2.53 -0.01	37.38 2.26 -1.91	37.35 2.26 -1.42	37.36 2.24 -2.26	37.08 2.25 -1.72	37.71 2.37 -0.48	40.76 2.77 0.00	47.85 3.71 -0.01	49.95 3.83 -0.02	45.06 3.45 -0.01	41.37 2.96 0.00	40.09 2.41 0.00	38.70 2.40 0.00	36.91 2.02 0.00
BROOKLYN___ARMY_DRP 323595	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
BROOKVLE_69_KV_TB1 55790	43.68 2.23 -8.60	39.78 1.99 -6.69	39.78 1.95 -6.82	38.88 2.01 -5.49	39.82 2.14 -5.73	44.43 2.32 -7.44	54.59 3.13 -10.74	57.32 4.04 -7.86	53.85 3.91 -7.85	44.50 3.22 -3.90	43.91 3.08 -4.13	41.83 2.86 -5.77	39.40 2.83 -2.90	39.86 2.83 -4.17	42.84 2.81 -6.92	46.31 2.89 -8.56	53.83 3.27 -12.58	68.41 4.24 -20.04	65.94 4.43 -15.40	55.56 3.95 -10.01	54.53 3.50 -12.63	52.72 2.98 -12.06	46.12 3.01 -6.81	45.85 2.72 -8.24
BROOME_2_LFGE 323671	32.95 0.10 0.00	31.20 0.09 0.00	31.07 0.06 0.00	31.41 0.03 0.00	32.08 0.13 0.00	34.81 0.14 0.00	41.28 0.57 0.00	45.61 0.18 -0.01	42.38 0.30 0.00	37.31 -0.07 0.00	36.44 -0.26 0.01	33.04 -0.17 0.00	33.54 -0.13 0.00	32.70 -0.16 0.00	32.98 -0.13 0.00	34.72 -0.14 0.00	37.87 -0.11 0.00	44.20 0.09 0.02	46.14 0.05 0.02	41.82 0.21 -0.01	38.57 0.15 -0.01	37.47 -0.19 0.02	36.07 -0.22 0.02	34.85 -0.03 0.00
BROOME___LFGE 323600	32.95 0.10 0.00	31.20 0.09 0.00	31.07 0.06 0.00	31.41 0.03 0.00	32.08 0.13 0.00	34.81 0.14 0.00	41.28 0.57 0.00	45.61 0.18 -0.01	42.38 0.30 0.00	37.31 -0.07 0.00	36.44 -0.26 0.01	33.04 -0.17 0.00	33.54 -0.13 0.00	32.70 -0.16 0.00	32.98 -0.13 0.00	34.72 -0.14 0.00	37.87 -0.11 0.00	44.20 0.09 0.02	46.14 0.05 0.02	41.82 0.21 -0.01	38.57 0.15 -0.01	37.47 -0.19 0.02	36.07 -0.22 0.02	34.85 -0.03 0.00
BROWNFLS_115KV_TB_3_5 80003	32.65 -0.20 0.00	31.07 -0.03 0.00	30.98 -0.03 0.00	31.34 -0.03 0.00	31.82 -0.13 0.00	34.53 -0.14 0.00	40.51 -0.20 0.00	45.10 -0.32 0.00	41.45 -0.63 0.00	36.97 -0.41 0.00	36.12 -0.59 0.00	32.51 -0.70 0.00	33.00 -0.67 0.00	32.17 -0.69 0.00	32.42 -0.70 0.00	34.20 -0.66 0.00	37.49 -0.49 0.00	43.65 -0.49 0.00	45.60 -0.51 0.00	41.01 -0.58 0.00	37.83 -0.58 0.00	37.19 -0.49 0.00	35.94 -0.36 0.00	34.57 -0.31 0.00
BROWNSV1_27_KV_LOAD 356125	34.56 1.71 0.00	32.57 1.46 0.00	32.44 1.43 0.00	32.85 1.47 0.00	33.61 1.66 0.00	36.47 1.80 0.00	43.44 2.73 0.00	49.14 3.72 0.00	45.78 3.70 0.00	40.34 2.95 0.00	39.57 2.86 0.00	37.74 2.62 -1.91	37.72 2.63 -1.42	37.72 2.60 -2.26	37.45 2.62 -1.72	38.02 2.68 -0.48	41.14 3.15 0.00	48.24 4.10 0.00	50.41 4.29 -0.02	45.47 3.87 0.00	41.79 3.38 0.00	40.51 2.83 0.00	39.06 2.76 0.00	37.26 2.37 0.00
BURROWS___LYONSDAL 23803	33.38 0.53 0.00	31.63 0.53 0.00	31.54 0.53 0.00	31.91 0.53 0.00	32.56 0.61 0.00	35.43 0.76 0.00	41.94 1.22 0.00	46.78 1.36 0.00	43.09 1.01 0.00	38.02 0.64 0.00	37.07 0.37 0.00	33.50 0.30 0.00	33.98 0.30 0.00	33.13 0.26 0.00	33.38 0.26 0.00	35.24 0.38 0.00	38.67 0.68 0.00	45.32 1.19 0.01	47.30 1.20 0.01	42.68 1.08 0.00	39.33 0.92 0.00	38.39 0.72 0.01	36.95 0.65 0.01	35.48 0.59 0.00
CAITHNESS_CC_1 323624	44.21 2.76 -8.60	40.22 2.43 -6.69	40.25 2.42 -6.82	39.35 2.48 -5.49	40.33 2.65 -5.73	45.19 3.08 -7.44	55.81 4.36 -10.74	58.27 5.00 -7.86	54.86 4.92 -7.86	45.10 3.82 -3.90	44.46 3.63 -4.13	42.17 3.19 -5.77	39.71 3.13 -2.90	40.13 3.09 -4.17	43.14 3.11 -6.92	46.69 3.28 -8.56	54.74 4.18 -12.58	69.83 5.65 -20.04	67.42 5.90 -15.41	56.85 5.24 -10.01	55.65 4.61 -12.63	53.59 3.85 -12.06	46.60 3.49 -6.81	46.33 3.21 -8.24
CALPINE BETH_PAGE_GT4 24209	43.55 2.10 -8.60	39.66 1.87 -6.69	39.69 1.86 -6.82	38.78 1.91 -5.49	39.66 1.98 -5.73	44.25 2.15 -7.44	54.51 3.05 -10.74	57.18 3.91 -7.86	53.77 3.83 -7.86	44.27 2.99 -3.90	43.73 2.90 -4.13	41.60 2.62 -5.77	39.20 2.63 -2.90	39.63 2.60 -4.17	42.64 2.62 -6.92	46.14 2.72 -8.56	53.79 3.23 -12.58	68.32 4.15 -20.04	65.80 4.29 -15.40	55.48 3.87 -10.01	54.46 3.42 -12.63	52.68 2.94 -12.06	45.94 2.83 -6.81	45.74 2.62 -8.24
CALPINE_BETH_PAGE_GT_4 323586	43.55 2.10 -8.60	39.66 1.87 -6.69	39.69 1.86 -6.82	38.75 1.88 -5.49	39.73 2.05 -5.73	44.36 2.25 -7.44	54.63 3.18 -10.74	57.32 4.04 -7.86	53.85 3.91 -7.86	44.38 3.10 -3.90	43.77 2.94 -4.13	41.67 2.69 -5.77	39.27 2.70 -2.90	39.70 2.66 -4.17	42.71 2.68 -6.92	46.21 2.79 -8.56	53.83 3.27 -12.58	68.45 4.28 -20.04	65.98 4.47 -15.40	55.60 3.99 -10.01	54.50 3.46 -12.63	52.72 2.98 -12.06	46.02 2.91 -6.81	45.74 2.62 -8.24
CALPINE_BP_GT1 23823	43.55 2.10 -8.60	39.66 1.87 -6.69	39.69 1.86 -6.82	38.75 1.88 -5.49	39.73 2.05 -5.73	44.36 2.25 -7.44	54.63 3.18 -10.74	57.32 4.04 -7.86	53.85 3.91 -7.86	44.38 3.10 -3.90	43.77 2.94 -4.13	41.67 2.69 -5.77	39.27 2.70 -2.90	39.70 2.66 -4.17	42.71 2.68 -6.92	46.21 2.79 -8.56	53.83 3.27 -12.58	68.45 4.28 -20.04	65.98 4.47 -15.40	55.60 3.99 -10.01	54.50 3.46 -12.63	52.72 2.98 -12.06	46.02 2.91 -6.81	45.74 2.62 -8.24
CALSPAN___DRP 24200	31.41 -1.45 0.00	30.05 -1.06 0.00	29.74 -1.27 0.00	29.71 -1.66 0.00	30.58 -1.37 0.00	33.00 -1.66 0.00	38.84 -1.87 0.00	41.37 -4.04 0.01	38.88 -3.20 0.00	34.17 -3.22 0.00	33.24 -3.45 0.01	30.32 -2.89 0.00	31.01 -2.66 0.00	30.27 -2.60 0.00	30.40 -2.72 0.00	32.11 -2.75 0.00	34.38 -3.61 0.00	39.84 -4.24 0.05	41.12 -4.93 0.05	37.84 -3.74 0.01	35.10 -3.30 0.01	33.79 -3.84 0.05	32.69 -3.56 0.05	32.27 -2.62 0.00

CALVERTON___SOLAR 323806	44.41 2.96 -8.60	40.40 2.61 -6.69	40.43 2.61 -6.82	39.50 2.64 -5.49	40.53 2.84 -5.73	45.40 3.30 -7.44	56.13 4.68 -10.74	58.50 5.22 -7.86	55.12 5.17 -7.86	45.28 4.00 -3.90	44.65 3.82 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.29 3.25 -4.17	43.31 3.28 -6.92	46.87 3.45 -8.56	54.97 4.40 -12.58	70.13 5.96 -20.04	67.79 6.27 -15.41	57.15 5.53 -10.01	55.92 4.88 -12.63	53.85 4.11 -12.06	46.82 3.70 -6.81	46.55 3.42 -8.24
CANDIGU_WT_PWR 323617	33.21 0.36 0.00	31.48 0.37 0.00	31.29 0.28 0.00	31.60 0.22 0.00	32.37 0.41 0.00	35.12 0.45 0.00	41.81 1.10 0.00	45.85 0.41 -0.02	42.34 0.25 0.00	37.16 -0.22 0.00	36.18 -0.51 0.01	32.87 -0.33 0.00	33.37 -0.30 0.00	32.50 -0.36 0.00	32.81 -0.30 0.00	34.54 -0.31 0.00	37.65 -0.34 0.00	43.88 -0.22 0.03	45.71 -0.37 0.03	41.62 0.00 -0.02	38.47 0.04 -0.02	37.16 -0.49 0.03	35.80 -0.47 0.03	34.82 -0.07 0.00
CARR STREET_E_SYR 24060	31.93 -0.92 0.00	30.23 -0.87 0.00	30.11 -0.90 0.00	30.46 -0.91 0.00	31.09 -0.86 0.00	33.76 -0.90 0.00	39.94 -0.77 0.00	44.10 -1.32 0.00	40.86 -1.22 0.00	36.04 -1.34 0.00	35.26 -1.43 0.01	31.98 -1.23 0.00	32.43 -1.25 0.00	31.61 -1.25 0.00	31.89 -1.22 0.00	33.57 -1.29 0.00	36.58 -1.40 0.00	42.69 -1.41 0.03	44.60 -1.48 0.03	40.35 -1.25 0.00	37.22 -1.19 0.00	36.26 -1.39 0.03	34.82 -1.45 0.03	33.59 -1.29 0.00
CARTHAGE___PAPER 23857	32.75 -0.10 0.00	31.07 -0.03 0.00	30.95 -0.06 0.00	31.31 -0.06 0.00	31.92 -0.03 0.00	34.81 0.14 0.00	41.24 0.53 0.00	45.87 0.45 0.00	42.08 0.00 0.00	37.12 -0.26 0.00	36.15 -0.55 0.00	32.61 -0.60 0.00	33.03 -0.64 0.00	32.24 -0.63 0.00	32.48 -0.63 0.00	34.37 -0.49 0.00	37.80 -0.19 0.00	44.40 0.27 0.00	46.39 0.28 0.00	41.81 0.21 0.00	38.49 0.08 0.00	37.61 -0.08 0.00	36.19 -0.11 0.00	34.75 -0.14 0.00
CASSADAGA_WT_PWR 323784	32.39 -0.46 0.00	30.92 -0.19 0.00	30.58 -0.43 0.00	30.68 -0.69 0.00	31.54 -0.42 0.00	34.11 -0.56 0.00	40.47 -0.24 0.00	43.28 -2.13 0.01	40.61 -1.47 0.00	35.22 -2.17 0.00	34.12 -2.57 0.01	31.25 -1.96 0.00	31.89 -1.79 0.00	31.12 -1.74 0.00	31.39 -1.72 0.00	33.22 -1.64 0.00	35.56 -2.43 0.00	41.26 -2.83 0.05	42.83 -3.23 0.05	39.14 -2.45 0.01	36.10 -2.30 0.00	34.69 -2.94 0.05	33.71 -2.54 0.05	33.35 -1.53 0.00
CE_DUNWOOD___DRP 24194	34.23 1.28 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.33 1.37 0.00	36.09 1.42 0.00	42.91 2.20 0.00	48.42 3.00 0.00	45.03 2.95 0.00	39.63 2.24 0.00	38.87 2.17 0.00	35.20 1.99 0.00	35.66 1.99 0.00	34.83 1.97 0.00	35.10 1.99 0.00	36.88 2.02 0.00	40.46 2.47 0.00	47.40 3.27 0.00	49.52 3.41 0.00	44.63 3.04 0.00	41.06 2.65 0.00	39.87 2.19 0.00	38.41 2.11 0.00	36.77 1.88 0.00
CE_MILLWOOD___DRP 24193	34.23 1.38 0.00	32.29 1.18 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.29 1.34 0.00	36.05 1.39 0.00	42.87 2.16 0.00	48.37 2.95 0.00	44.94 2.86 0.00	39.55 2.17 0.00	38.83 2.13 0.00	35.13 1.93 0.00	35.56 1.89 0.00	34.77 1.91 0.00	35.03 1.92 0.00	36.81 1.95 0.00	40.38 2.39 0.00	47.35 3.22 0.00	49.43 3.32 0.00	44.59 3.00 0.00	41.02 2.61 0.00	39.79 2.11 0.00	38.37 2.07 0.00	36.70 1.81 0.00
CE_NYC2_DRP 24202	34.26 1.41 0.00	32.29 1.18 0.00	32.10 1.09 0.00	32.50 1.13 0.00	33.29 1.34 0.00	36.09 1.42 0.00	42.99 2.28 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.36 2.22 -1.93	37.30 2.19 -1.43	37.35 2.20 -2.29	37.03 2.19 -1.74	37.64 2.30 -0.48	40.80 2.81 0.00	47.75 3.62 0.00	49.95 3.83 -0.01	45.05 3.45 0.00	41.37 2.96 0.00	40.17 2.49 0.00	38.73 2.43 0.00	36.91 2.02 0.00
CE_NYC_DRP 24195	34.30 1.45 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.36 3.28 0.00	39.96 2.58 0.00	39.24 2.53 0.00	37.44 2.32 -1.91	37.38 2.29 -1.42	37.42 2.30 -2.26	37.11 2.28 -1.72	37.71 2.37 -0.48	40.76 2.77 0.00	47.80 3.66 0.00	49.91 3.78 -0.02	45.01 3.41 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.70 2.40 0.00	36.94 2.06 0.00
CHAFFEE___LFGE 323603	31.47 -1.38 0.00	30.11 -1.00 0.00	29.80 -1.21 0.00	29.87 -1.51 0.00	30.64 -1.31 0.00	33.14 -1.52 0.00	39.08 -1.63 0.00	41.69 -3.72 0.01	39.09 -2.99 0.00	34.24 -3.14 0.00	33.17 -3.52 0.01	30.38 -2.82 0.00	31.08 -2.59 0.00	30.33 -2.53 0.00	30.59 -2.52 0.00	32.24 -2.61 0.00	34.46 -3.53 0.00	39.93 -4.15 0.05	41.54 -4.52 0.05	38.01 -3.58 0.01	35.14 -3.27 0.01	33.79 -3.84 0.05	32.88 -3.38 0.05	32.55 -2.34 0.00
CHATEAUG_35_KV_LOAD 355732	34.36 1.51 0.00	32.60 1.49 0.00	32.47 1.46 0.00	32.85 1.47 0.00	33.36 1.41 0.00	36.16 1.49 0.00	41.89 1.18 0.00	46.51 1.09 0.00	42.80 0.72 0.00	38.69 1.31 0.00	37.95 1.25 0.00	34.00 0.80 0.00	34.62 0.94 0.00	33.72 0.85 0.00	33.94 0.83 0.00	35.77 0.91 0.00	39.09 1.10 0.00	45.02 0.88 0.00	46.99 0.88 0.00	42.10 0.50 0.00	38.87 0.46 0.00	38.43 0.75 0.00	37.03 0.73 0.00	35.90 1.01 0.00
CHATEAUG_WT_PWR 323614	34.29 1.44 0.00	32.54 1.43 0.00	32.41 1.40 0.00	32.82 1.44 0.00	33.29 1.34 0.00	36.09 1.42 0.00	41.81 1.10 0.00	46.42 1.00 0.00	42.75 0.67 0.00	38.62 1.23 0.00	37.91 1.21 0.00	33.93 0.73 0.00	34.55 0.87 0.00	33.62 0.76 0.00	33.84 0.73 0.00	35.66 0.80 0.00	39.01 1.03 0.00	44.93 0.80 0.00	46.85 0.74 0.00	41.97 0.37 0.00	38.83 0.42 0.00	38.36 0.68 0.00	36.92 0.62 0.00	35.86 0.98 0.00
CHAT_HIGH_FALL_HYD 323578	34.36 1.51 0.00	32.60 1.49 0.00	32.47 1.46 0.00	32.85 1.47 0.00	33.36 1.41 0.00	36.16 1.49 0.00	41.89 1.18 0.00	46.51 1.09 0.00	42.80 0.72 0.00	38.69 1.31 0.00	37.95 1.25 0.00	34.00 0.80 0.00	34.62 0.94 0.00	33.72 0.85 0.00	33.94 0.83 0.00	35.77 0.91 0.00	39.09 1.10 0.00	45.02 0.88 0.00	46.99 0.88 0.00	42.10 0.50 0.00	38.87 0.46 0.00	38.43 0.75 0.00	37.03 0.73 0.00	35.90 1.01 0.00
CHAUTAUQUA___LFGE 323629	31.87 -0.98 0.00	30.42 -0.68 0.00	30.11 -0.90 0.00	30.21 -1.16 0.00	30.99 -0.96 0.00	33.52 -1.14 0.00	39.66 -1.06 0.00	42.41 -3.00 0.01	39.77 -2.31 0.00	34.66 -2.73 0.00	33.57 -3.12 0.01	30.78 -2.42 0.00	31.45 -2.22 0.00	30.66 -2.20 0.00	30.96 -2.15 0.00	32.66 -2.20 0.00	34.95 -3.04 0.00	40.60 -3.49 0.05	42.19 -3.87 0.05	38.56 -3.03 0.01	35.56 -2.84 0.01	34.20 -3.43 0.05	33.24 -3.01 0.05	32.90 -1.99 0.00
CHERRYST_13_KV_LD 356241	34.36 1.51 0.00	32.38 1.28 0.00	32.25 1.24 0.00	32.69 1.32 0.00	33.45 1.50 0.00	36.26 1.59 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.49 3.41 0.00	40.11 2.73 0.00	39.35 2.64 0.00	37.54 2.42 -1.91	37.52 2.42 -1.42	37.52 2.40 -2.26	37.25 2.42 -1.72	37.81 2.47 -0.48	40.91 2.93 0.00	47.93 3.80 0.00	50.05 3.92 -0.02	45.13 3.54 0.00	41.48 3.07 0.00	40.24 2.56 0.00	38.81 2.50 0.00	37.01 2.13 0.00

CHESTROR_138KV_BK263 355645	33.90 1.05 0.00	32.01 0.90 0.00	31.91 0.90 0.00	32.32 0.94 0.00	32.97 1.02 0.00	35.74 1.07 0.00	42.42 1.71 0.00	47.73 2.32 0.00	44.31 2.23 0.00	38.99 1.61 0.00	38.25 1.54 0.00	34.60 1.39 0.00	35.06 1.38 0.00	34.24 1.38 0.00	34.50 1.39 0.00	36.29 1.43 0.00	39.77 1.79 0.00	46.65 2.52 0.00	48.69 2.58 0.00	43.93 2.33 0.00	40.45 2.04 0.00	39.30 1.62 0.00	37.90 1.60 0.00	36.28 1.40 0.00
CH_MIDHUDSON___DRP 24192	34.23 1.38 0.00	32.35 1.24 0.00	32.25 1.24 0.00	32.66 1.29 0.00	33.29 1.34 0.00	36.09 1.42 0.00	42.83 2.12 0.00	48.19 2.77 0.00	44.77 2.69 0.00	39.33 1.94 0.00	38.58 1.87 0.00	34.90 1.69 0.00	35.33 1.65 0.00	34.51 1.64 0.00	34.77 1.66 0.00	36.57 1.71 0.00	40.12 2.13 0.00	47.05 2.91 0.00	49.15 3.04 0.00	44.34 2.75 0.00	40.79 2.38 0.00	39.64 1.96 0.00	38.23 1.92 0.00	36.63 1.74 0.00
CH_MISC_IPPS 23765	34.36 1.51 0.00	32.44 1.34 0.00	32.34 1.33 0.00	32.75 1.38 0.00	33.39 1.44 0.00	36.23 1.56 0.00	43.03 2.32 0.00	48.42 3.00 0.00	44.98 2.90 0.00	39.48 2.09 0.00	38.65 1.94 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.57 1.71 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.19 2.20 0.00	47.22 3.09 0.00	49.38 3.27 0.00	44.51 2.91 0.00	40.94 2.53 0.00	39.75 2.07 0.00	38.33 2.03 0.00	36.70 1.81 0.00
CH_RES_BVR_FALLS 23983	32.85 0.00 0.00	31.14 0.03 0.00	31.04 0.03 0.00	31.38 0.00 0.00	31.89 -0.06 0.00	34.56 -0.10 0.00	40.35 -0.37 0.00	45.01 -0.41 0.00	41.66 -0.42 0.00	37.31 -0.07 0.00	36.74 0.04 0.00	33.17 -0.03 0.00	33.68 0.00 0.00	32.83 -0.03 0.00	33.04 -0.07 0.00	34.79 -0.07 0.00	37.84 -0.15 0.00	43.60 -0.53 0.00	45.51 -0.60 0.00	40.97 -0.62 0.00	37.95 -0.46 0.00	37.46 -0.22 0.00	36.12 -0.18 0.00	34.71 -0.17 0.00
CH_RES_NIAGARA 23895	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.52 -2.85 0.00	29.20 -2.75 0.00	31.55 -3.12 0.00	37.01 -3.70 0.00	39.64 -5.77 0.01	37.12 -4.97 0.00	32.56 -4.82 0.00	31.59 -5.10 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.24 -3.87 0.00	30.75 -4.11 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.22 -5.37 0.01	33.41 -4.99 0.01	32.32 -5.31 0.05	31.31 -4.94 0.05	31.05 -3.84 0.00
CH_RES_SYRACUSE 23985	32.32 -0.53 0.00	30.61 -0.50 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.44 -0.51 0.00	34.18 -0.49 0.00	40.43 -0.28 0.00	44.70 -0.73 -0.01	41.41 -0.67 0.00	36.53 -0.86 0.00	35.71 -0.99 0.01	32.38 -0.83 0.00	32.83 -0.84 0.00	32.01 -0.85 0.00	32.28 -0.83 0.00	33.99 -0.87 0.00	37.04 -0.95 0.00	43.27 -0.84 0.02	45.21 -0.88 0.02	40.90 -0.71 -0.01	37.73 -0.69 0.02	36.76 -0.90 0.02	35.30 -0.98 0.02	34.05 -0.84 0.00
CLINTON_WT_PWR 323605	34.29 1.44 0.00	32.54 1.43 0.00	32.41 1.40 0.00	32.82 1.44 0.00	33.29 1.34 0.00	36.09 1.42 0.00	41.81 1.10 0.00	46.42 1.00 0.00	42.75 0.67 0.00	38.62 1.23 0.00	37.91 1.21 0.00	33.93 0.73 0.00	34.55 0.87 0.00	33.62 0.76 0.00	33.84 0.73 0.00	35.66 0.80 0.00	39.01 1.03 0.00	44.93 0.80 0.00	46.85 0.74 0.00	41.97 0.37 0.00	38.83 0.42 0.00	38.36 0.68 0.00	36.92 0.62 0.00	35.86 0.98 0.00
CLINTON___LFGE 323618	34.85 2.00 0.00	33.07 1.96 0.00	32.90 1.89 0.00	33.32 1.95 0.00	33.84 1.88 0.00	36.68 2.01 0.00	42.55 1.83 0.00	47.19 1.77 0.00	43.34 1.26 0.00	39.22 1.83 0.00	38.47 1.76 0.00	34.30 1.09 0.00	34.95 1.28 0.00	33.98 1.12 0.00	34.20 1.09 0.00	36.04 1.19 0.00	39.58 1.60 0.00	45.63 1.50 0.00	47.63 1.52 0.00	42.59 1.00 0.00	39.37 0.96 0.00	38.85 1.17 0.00	37.36 1.05 0.00	36.38 1.50 0.00
COBBLENY_34_KV_TB1 80064	31.47 -1.38 0.00	30.11 -1.00 0.00	29.80 -1.21 0.00	29.77 -1.60 0.00	30.64 -1.31 0.00	33.11 -1.56 0.00	39.00 -1.71 0.00	41.51 -3.91 0.01	39.01 -3.07 0.00	34.28 -3.10 0.00	33.31 -3.38 0.01	30.38 -2.82 0.00	31.08 -2.59 0.00	30.30 -2.56 0.00	30.46 -2.65 0.00	32.17 -2.68 0.00	34.46 -3.53 0.00	39.93 -4.15 0.05	41.17 -4.89 0.05	37.97 -3.62 0.01	35.18 -3.23 0.01	33.86 -3.77 0.05	32.73 -3.52 0.05	32.34 -2.55 0.00
COFFEEN___115KV_TB3 355620	33.02 0.16 0.00	31.29 0.19 0.00	31.17 0.16 0.00	31.50 0.13 0.00	32.18 0.22 0.00	35.08 0.42 0.00	41.73 1.02 0.00	46.33 0.91 0.00	42.38 0.29 0.00	37.24 -0.15 0.00	36.12 -0.59 0.00	32.67 -0.53 0.00	33.07 -0.61 0.00	32.27 -0.59 0.00	32.51 -0.60 0.00	34.44 -0.42 0.00	38.03 0.04 0.00	44.88 0.75 0.00	46.89 0.78 0.00	42.22 0.62 0.00	38.91 0.50 0.00	37.91 0.23 0.00	36.45 0.15 0.00	34.95 0.07 0.00
COLDSPRG_115KV_BK1 355956	32.79 -0.07 0.00	31.26 0.16 0.00	30.95 -0.06 0.00	31.03 -0.35 0.00	31.95 0.00 0.00	34.53 -0.14 0.00	41.00 0.28 0.00	43.60 -1.82 0.00	41.07 -1.01 0.00	35.70 -1.68 0.00	34.67 -2.02 0.01	31.61 -1.59 0.00	32.26 -1.41 0.00	31.48 -1.38 0.00	31.62 -1.49 0.00	33.53 -1.32 0.00	36.05 -1.94 0.00	41.75 -2.34 0.05	42.65 -3.41 0.05	39.60 -2.00 0.00	36.79 -1.61 0.00	35.30 -2.34 0.05	34.00 -2.25 0.05	33.70 -1.19 0.00
COLONIE_LFGE___ 323577	33.97 1.12 0.00	32.10 1.00 0.00	32.00 0.99 0.00	32.41 1.03 0.00	33.04 1.09 0.00	35.78 1.11 0.00	42.26 1.55 0.00	47.37 1.95 0.00	43.89 1.81 0.00	38.66 1.27 0.00	37.95 1.25 0.00	34.33 1.13 0.00	34.78 1.11 0.00	33.98 1.12 0.00	34.24 1.13 0.00	36.04 1.19 0.00	39.47 1.48 0.00	46.12 1.99 0.00	48.23 2.12 0.00	43.55 1.96 0.00	40.06 1.65 0.00	39.08 1.40 0.00	37.65 1.34 0.00	36.14 1.25 0.00
COOPERNY_115KV_TB1 80082	33.67 0.82 0.00	31.79 0.68 0.00	31.69 0.68 0.00	32.10 0.72 0.00	32.75 0.80 0.00	35.50 0.83 0.00	42.10 1.38 0.00	47.24 1.82 0.00	43.81 1.73 0.00	38.62 1.23 0.00	37.88 1.17 0.00	34.27 1.06 0.00	34.72 1.04 0.00	33.91 1.05 0.00	34.17 1.06 0.00	35.94 1.08 0.00	39.36 1.37 0.00	46.07 1.94 0.00	48.09 1.98 0.00	43.39 1.79 0.00	39.99 1.57 0.00	38.92 1.24 0.00	37.50 1.20 0.00	35.97 1.08 0.00
COPENHAGEN_WT_PWR 323753	32.69 -0.16 0.00	31.01 -0.09 0.00	30.89 -0.12 0.00	31.22 -0.16 0.00	31.86 -0.10 0.00	34.70 0.03 0.00	41.20 0.49 0.00	45.74 0.32 0.00	41.96 -0.13 0.00	36.90 -0.49 0.00	35.90 -0.81 0.00	32.44 -0.76 0.00	32.87 -0.81 0.00	32.07 -0.79 0.00	32.32 -0.79 0.00	34.20 -0.66 0.00	37.61 -0.38 0.00	44.31 0.18 0.00	46.30 0.19 0.00	41.72 0.13 0.00	38.41 0.00 0.00	37.46 -0.22 0.00	36.05 -0.25 0.00	34.60 -0.28 0.00
CORNELL_____ 23752	33.41 0.56 0.00	31.63 0.53 0.00	31.48 0.47 0.00	31.85 0.47 0.00	32.53 0.58 0.00	35.39 0.73 0.00	42.06 1.34 0.00	46.53 1.09 -0.02	43.01 0.93 0.00	37.80 0.41 0.00	36.84 0.15 0.01	33.34 0.13 0.00	33.81 0.13 0.00	32.93 0.07 0.00	33.21 0.10 0.00	35.03 0.17 0.00	38.37 0.38 0.00	44.95 0.84 0.02	46.87 0.78 0.02	42.49 0.87 -0.02	39.23 0.81 -0.02	38.11 0.45 0.02	36.53 0.25 0.02	35.23 0.35 0.00

CORONA__69_KV_TB1 355595	43.49 2.04 -8.60	39.60 1.80 -6.69	39.63 1.80 -6.82	38.72 1.85 -5.49	39.66 1.98 -5.73	44.18 2.08 -7.44	54.38 2.93 -10.74	57.04 3.77 -7.86	53.60 3.66 -7.85	44.24 2.95 -3.90	43.73 2.90 -4.13	41.63 2.66 -5.77	39.23 2.66 -2.90	39.67 2.63 -4.17	42.64 2.62 -6.92	46.10 2.68 -8.56	53.68 3.12 -12.58	68.23 4.06 -20.04	65.70 4.20 -15.40	55.39 3.79 -10.01	54.38 3.34 -12.63	52.56 2.83 -12.06	45.91 2.80 -6.81	45.67 2.55 -8.24
CORTLAND__115KV_TB3 80093	33.05 0.20 0.00	31.29 0.19 0.00	31.17 0.16 0.00	31.53 0.16 0.00	32.21 0.26 0.00	34.98 0.31 0.00	41.49 0.77 0.00	45.93 0.50 -0.01	42.54 0.46 0.00	37.46 0.07 0.00	36.59 -0.11 0.01	33.11 -0.10 0.00	33.57 -0.10 0.00	32.73 -0.13 0.00	33.01 -0.10 0.00	34.79 -0.07 0.00	38.03 0.04 0.00	44.46 0.35 0.02	46.36 0.28 0.02	42.02 0.42 -0.01	38.80 0.38 -0.01	37.73 0.08 0.02	36.21 -0.07 0.02	34.92 0.03 0.00
COXSACKIE__GT 23611	34.79 1.94 0.00	32.88 1.77 0.00	32.81 1.80 0.00	33.26 1.88 0.00	33.64 1.69 0.00	36.64 1.97 0.00	43.44 2.73 0.00	48.55 3.13 0.00	44.78 2.70 0.00	38.73 1.34 0.00	37.80 1.10 0.00	34.07 0.86 0.00	34.48 0.81 0.00	33.75 0.89 0.00	34.07 0.96 0.00	36.04 1.19 0.00	39.77 1.79 0.00	46.74 2.60 0.00	49.06 2.95 0.00	44.22 2.62 0.00	40.71 2.30 0.00	39.71 2.03 0.00	38.19 1.89 0.00	36.70 1.81 0.00
CPV_VALLEY__CC1 323721	33.67 0.82 0.00	31.79 0.68 0.00	31.69 0.68 0.00	32.10 0.72 0.00	32.75 0.80 0.00	35.53 0.87 0.00	42.14 1.42 0.00	47.37 1.95 0.00	43.98 1.90 0.00	38.77 1.38 0.00	37.99 1.28 0.00	34.40 1.19 0.00	34.85 1.18 0.00	34.01 1.15 0.00	34.27 1.16 0.00	36.04 1.19 0.00	39.51 1.52 0.00	46.29 2.16 0.00	48.37 2.26 0.00	43.59 2.00 0.00	40.10 1.69 0.00	39.00 1.32 0.00	37.61 1.30 0.00	36.03 1.15 0.00
CPV_VALLEY__CC2 323722	33.67 0.82 0.00	31.79 0.68 0.00	31.69 0.68 0.00	32.10 0.72 0.00	32.75 0.80 0.00	35.53 0.87 0.00	42.14 1.42 0.00	47.37 1.95 0.00	43.98 1.90 0.00	38.77 1.38 0.00	37.99 1.28 0.00	34.40 1.19 0.00	34.85 1.18 0.00	34.01 1.15 0.00	34.27 1.16 0.00	36.04 1.19 0.00	39.51 1.52 0.00	46.29 2.16 0.00	48.37 2.26 0.00	43.59 2.00 0.00	40.10 1.69 0.00	39.00 1.32 0.00	37.61 1.30 0.00	36.03 1.15 0.00
CRESCENT__HYD 24018	33.97 1.12 0.00	32.10 1.00 0.00	32.00 0.99 0.00	32.41 1.03 0.00	33.04 1.09 0.00	35.78 1.11 0.00	42.26 1.55 0.00	47.37 1.95 0.00	43.89 1.81 0.00	38.66 1.27 0.00	37.95 1.25 0.00	34.33 1.13 0.00	34.78 1.11 0.00	33.98 1.12 0.00	34.24 1.13 0.00	36.04 1.19 0.00	39.47 1.48 0.00	46.12 1.99 0.00	48.23 2.12 0.00	43.55 1.96 0.00	40.06 1.65 0.00	39.08 1.40 0.00	37.65 1.34 0.00	36.14 1.25 0.00
CRICKET__VALLEY_CC1 323756	34.10 1.25 0.00	32.22 1.12 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.20 1.24 0.00	35.98 1.32 0.00	42.50 1.79 0.00	47.82 2.41 0.00	44.39 2.31 0.00	39.14 1.76 0.00	38.39 1.69 0.00	34.77 1.56 0.00	35.23 1.55 0.00	34.44 1.58 0.00	34.67 1.56 0.00	36.43 1.57 0.00	39.89 1.90 0.00	46.74 2.60 0.00	48.83 2.72 0.00	44.05 2.45 0.00	40.48 2.07 0.00	39.38 1.70 0.00	38.01 1.71 0.00	36.49 1.61 0.00
CRICKET__VALLEY_CC2 323757	34.10 1.25 0.00	32.22 1.12 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.20 1.24 0.00	35.98 1.32 0.00	42.50 1.79 0.00	47.82 2.41 0.00	44.39 2.31 0.00	39.14 1.76 0.00	38.39 1.69 0.00	34.77 1.56 0.00	35.23 1.55 0.00	34.44 1.58 0.00	34.67 1.56 0.00	36.43 1.57 0.00	39.89 1.90 0.00	46.74 2.60 0.00	48.83 2.72 0.00	44.05 2.45 0.00	40.48 2.07 0.00	39.38 1.70 0.00	38.01 1.71 0.00	36.49 1.61 0.00
CRICKET__VALLEY_CC3 323758	34.10 1.25 0.00	32.22 1.12 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.20 1.24 0.00	35.98 1.32 0.00	42.50 1.79 0.00	47.82 2.41 0.00	44.39 2.31 0.00	39.14 1.76 0.00	38.39 1.69 0.00	34.77 1.56 0.00	35.23 1.55 0.00	34.44 1.58 0.00	34.67 1.56 0.00	36.43 1.57 0.00	39.89 1.90 0.00	46.74 2.60 0.00	48.83 2.72 0.00	44.05 2.45 0.00	40.48 2.07 0.00	39.38 1.70 0.00	38.01 1.71 0.00	36.49 1.61 0.00
CRUCIBLE__METL_DRP 24180	32.33 -0.53 0.00	30.61 -0.50 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.44 -0.51 0.00	34.15 -0.52 0.00	40.43 -0.28 0.00	44.70 -0.73 -0.01	41.37 -0.72 0.00	36.52 -0.86 0.00	35.71 -0.99 0.01	32.37 -0.83 0.00	32.83 -0.84 0.00	32.01 -0.85 0.00	32.25 -0.86 0.00	33.95 -0.91 0.00	37.08 -0.91 0.00	43.28 -0.84 0.02	45.21 -0.88 0.02	40.90 -0.71 -0.01	37.73 -0.69 -0.01	36.76 -0.90 0.02	35.30 -0.98 0.02	34.01 -0.87 0.00
DAHOWA__HYDRO 323763	34.26 1.41 0.00	32.35 1.25 0.00	32.28 1.27 0.00	32.72 1.35 0.00	33.39 1.44 0.00	35.81 1.14 0.00	42.46 1.75 0.00	47.64 2.22 0.00	44.02 1.94 0.00	38.62 1.23 0.00	37.80 1.10 0.00	34.20 1.00 0.00	34.62 0.94 0.00	33.82 0.95 0.00	34.07 0.96 0.00	35.97 1.12 0.00	39.47 1.48 0.00	46.29 2.16 0.00	48.51 2.40 0.00	43.84 2.24 0.00	40.29 1.88 0.00	39.23 1.55 0.00	37.72 1.41 0.00	36.21 1.33 0.00
DANC__LFGE 323619	32.36 -0.49 0.00	30.67 -0.44 0.00	30.55 -0.46 0.00	30.87 -0.50 0.00	31.47 -0.48 0.00	34.25 -0.41 0.00	40.59 -0.12 0.00	45.01 -0.41 0.00	41.41 -0.67 0.00	36.49 -0.90 0.00	35.57 -1.14 0.00	32.21 -1.00 0.00	32.63 -1.04 0.00	31.84 -1.02 0.00	32.08 -1.03 0.00	33.88 -0.98 0.00	37.12 -0.87 0.00	43.60 -0.53 0.00	45.56 -0.55 0.00	41.10 -0.50 0.00	37.87 -0.54 0.00	36.96 -0.72 0.00	35.58 -0.73 0.00	34.19 -0.70 0.00
DANSKAMMER__1 23586	34.36 1.51 0.00	32.44 1.34 0.00	32.34 1.33 0.00	32.75 1.38 0.00	33.39 1.44 0.00	36.23 1.56 0.00	43.03 2.32 0.00	48.42 3.00 0.00	44.98 2.90 0.00	39.48 2.09 0.00	38.65 1.94 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.57 1.71 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.19 2.20 0.00	47.22 3.09 0.00	49.38 3.27 0.00	44.51 2.91 0.00	40.94 2.53 0.00	39.75 2.07 0.00	38.33 2.03 0.00	36.70 1.81 0.00
DANSKAMMER__2 23589	34.36 1.51 0.00	32.44 1.34 0.00	32.34 1.33 0.00	32.75 1.38 0.00	33.39 1.44 0.00	36.23 1.56 0.00	43.03 2.32 0.00	48.42 3.00 0.00	44.98 2.90 0.00	39.48 2.09 0.00	38.65 1.94 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.57 1.71 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.19 2.20 0.00	47.22 3.09 0.00	49.38 3.27 0.00	44.51 2.91 0.00	40.94 2.53 0.00	39.75 2.07 0.00	38.33 2.03 0.00	36.70 1.81 0.00
DANSKAMMER__3 23590	34.36 1.51 0.00	32.44 1.34 0.00	32.34 1.33 0.00	32.75 1.38 0.00	33.39 1.44 0.00	36.23 1.56 0.00	43.03 2.32 0.00	48.42 3.00 0.00	44.98 2.90 0.00	39.48 2.09 0.00	38.65 1.94 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.57 1.71 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.19 2.20 0.00	47.22 3.09 0.00	49.38 3.27 0.00	44.51 2.91 0.00	40.94 2.53 0.00	39.75 2.07 0.00	38.33 2.03 0.00	36.70 1.81 0.00

DANSKAMMER___4 23591	34.36 1.51 0.00	32.44 1.34 0.00	32.34 1.33 0.00	32.75 1.38 0.00	33.39 1.44 0.00	36.23 1.56 0.00	43.03 2.32 0.00	48.42 3.00 0.00	44.98 2.90 0.00	39.48 2.09 0.00	38.65 1.94 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.57 1.71 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.19 2.20 0.00	47.22 3.09 0.00	49.38 3.27 0.00	44.51 2.91 0.00	40.94 2.53 0.00	39.75 2.07 0.00	38.33 2.03 0.00	36.70 1.81 0.00
DANSKAMMER___DIESEL 23592	34.36 1.51 0.00	32.44 1.34 0.00	32.34 1.33 0.00	32.79 1.41 0.00	33.39 1.44 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.42 3.00 0.00	44.99 2.90 0.00	39.44 2.06 0.00	38.65 1.95 0.00	34.93 1.73 0.00	35.36 1.68 0.00	34.57 1.71 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.23 2.24 0.00	47.22 3.09 0.00	49.34 3.23 0.00	44.51 2.91 0.00	40.95 2.54 0.00	39.79 2.11 0.00	38.33 2.03 0.00	36.70 1.81 0.00
DARBY___SOLAR 323810	34.23 1.38 0.00	32.32 1.21 0.00	32.25 1.24 0.00	32.69 1.32 0.00	33.32 1.37 0.00	35.85 1.18 0.00	42.46 1.75 0.00	47.64 2.22 0.00	44.02 1.94 0.00	38.66 1.27 0.00	37.88 1.17 0.00	34.27 1.06 0.00	34.68 1.01 0.00	33.88 1.02 0.00	34.14 1.03 0.00	36.01 1.15 0.00	39.47 1.48 0.00	46.29 2.16 0.00	48.46 2.35 0.00	43.80 2.20 0.00	40.25 1.84 0.00	39.19 1.51 0.00	37.72 1.41 0.00	36.21 1.33 0.00
DASHVILLE___HYD 23610	34.07 1.22 0.00	32.16 1.06 0.00	32.06 1.05 0.00	32.50 1.13 0.00	33.10 1.15 0.00	35.81 1.14 0.00	42.55 1.83 0.00	47.87 2.45 0.00	44.44 2.36 0.00	38.99 1.61 0.00	38.21 1.50 0.00	34.57 1.36 0.00	34.95 1.28 0.00	34.18 1.31 0.00	34.44 1.32 0.00	36.22 1.36 0.00	39.74 1.75 0.00	46.65 2.52 0.00	48.78 2.67 0.00	43.93 2.33 0.00	40.48 2.07 0.00	39.38 1.70 0.00	37.97 1.67 0.00	36.38 1.50 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.83 3.38 -8.60	40.78 2.99 -6.69	40.84 3.01 -6.82	39.91 3.04 -5.49	40.94 3.26 -5.73	45.85 3.74 -7.44	56.87 5.41 -10.74	59.50 6.22 -7.86	56.08 6.14 -7.86	45.84 4.56 -3.90	45.16 4.33 -4.13	42.76 3.79 -5.77	40.28 3.70 -2.90	40.72 3.68 -4.17	43.87 3.84 -6.92	47.32 3.90 -8.56	55.54 4.98 -12.58	70.88 6.71 -20.04	68.52 7.01 -15.41	57.81 6.20 -10.01	56.57 5.53 -12.63	54.42 4.67 -12.06	47.32 4.21 -6.81	47.07 3.94 -8.24
DELAWARE___LFGE 323621	33.97 1.12 0.00	32.13 1.03 0.00	32.06 1.05 0.00	32.44 1.07 0.00	33.07 1.12 0.00	35.91 1.25 0.00	42.63 1.91 0.00	47.60 2.18 -0.01	44.06 1.98 0.00	38.81 1.42 0.00	37.91 1.21 0.00	34.33 1.13 0.00	34.79 1.11 0.00	33.95 1.08 0.00	34.20 1.09 0.00	36.01 1.15 0.00	39.47 1.48 0.00	46.20 2.07 0.01	48.22 2.12 0.01	43.60 2.00 -0.01	40.18 1.77 -0.01	39.10 1.43 0.01	37.63 1.34 0.01	36.14 1.26 0.00
DERFIELD_115KV_TB7 355931	32.92 0.07 0.00	31.14 0.03 0.00	31.04 0.03 0.00	31.44 0.06 0.00	32.02 0.06 0.00	34.74 0.07 0.00	40.92 0.20 0.00	45.83 0.41 0.00	42.50 0.42 0.00	37.61 0.22 0.00	36.89 0.18 0.00	33.40 0.20 0.00	33.84 0.17 0.00	33.06 0.20 0.00	33.31 0.20 0.00	35.07 0.21 0.00	38.25 0.27 0.00	44.57 0.44 0.00	46.57 0.46 0.00	42.01 0.42 0.00	38.76 0.35 0.00	37.94 0.26 0.00	36.56 0.25 0.00	35.09 0.21 0.00
DOGLEVILLE___HYD 23807	33.34 0.49 0.00	31.57 0.47 0.00	31.44 0.43 0.00	31.78 0.41 0.00	32.40 0.45 0.00	35.19 0.52 0.00	41.49 0.77 0.00	46.33 0.91 0.00	42.88 0.80 0.00	37.98 0.60 0.00	37.22 0.51 0.00	33.73 0.53 0.00	34.18 0.51 0.00	33.36 0.49 0.00	33.57 0.46 0.00	35.31 0.45 0.00	38.52 0.53 0.00	44.88 0.75 0.00	46.80 0.69 0.00	42.18 0.58 0.00	38.95 0.54 0.00	38.25 0.57 0.00	36.88 0.58 0.00	35.48 0.59 0.00
DUNKIRK___115KV_TB_200 55889	31.77 -1.08 0.00	30.36 -0.75 0.00	30.05 -0.96 0.00	30.06 -1.32 0.00	30.93 -1.02 0.00	33.42 -1.25 0.00	39.45 -1.26 0.00	42.14 -3.27 0.01	39.51 -2.57 0.00	34.62 -2.77 0.00	33.64 -3.05 0.01	30.68 -2.52 0.00	31.35 -2.32 0.00	30.60 -2.27 0.00	30.73 -2.38 0.00	32.52 -2.34 0.00	34.87 -3.12 0.00	40.46 -3.62 0.05	41.77 -4.29 0.05	38.39 -3.20 0.01	35.56 -2.84 0.01	34.24 -3.39 0.05	33.06 -3.19 0.05	32.62 -2.27 0.00
DUNKIRK___1 23563	31.77 -1.08 0.00	30.36 -0.75 0.00	30.05 -0.96 0.00	30.06 -1.32 0.00	30.93 -1.02 0.00	33.42 -1.25 0.00	39.45 -1.26 0.00	42.14 -3.27 0.01	39.51 -2.57 0.00	34.62 -2.77 0.00	33.64 -3.05 0.01	30.68 -2.52 0.00	31.35 -2.32 0.00	30.60 -2.27 0.00	30.73 -2.38 0.00	32.52 -2.34 0.00	34.87 -3.12 0.00	40.46 -3.62 0.05	41.77 -4.29 0.05	38.39 -3.20 0.01	35.56 -2.84 0.01	34.24 -3.39 0.05	33.06 -3.19 0.05	32.62 -2.27 0.00
DUNKIRK___2 23564	31.77 -1.08 0.00	30.36 -0.75 0.00	30.05 -0.96 0.00	30.06 -1.32 0.00	30.93 -1.02 0.00	33.42 -1.25 0.00	39.45 -1.26 0.00	42.14 -3.27 0.01	39.51 -2.57 0.00	34.62 -2.77 0.00	33.64 -3.05 0.01	30.68 -2.52 0.00	31.35 -2.32 0.00	30.60 -2.27 0.00	30.73 -2.38 0.00	32.52 -2.34 0.00	34.87 -3.12 0.00	40.46 -3.62 0.05	41.77 -4.29 0.05	38.39 -3.20 0.01	35.56 -2.84 0.01	34.24 -3.39 0.05	33.06 -3.19 0.05	32.62 -2.27 0.00
DUNKIRK___3 23565	31.70 -1.15 0.00	30.27 -0.84 0.00	29.96 -1.05 0.00	29.99 -1.38 0.00	30.87 -1.09 0.00	33.31 -1.35 0.00	39.29 -1.42 0.00	41.96 -3.45 0.01	39.39 -2.69 0.00	34.58 -2.80 0.00	33.64 -3.05 0.01	30.68 -2.52 0.00	31.35 -2.32 0.00	30.60 -2.27 0.00	30.73 -2.38 0.00	32.45 -2.41 0.00	34.80 -3.19 0.00	40.38 -3.71 0.05	41.63 -4.43 0.05	38.30 -3.29 0.01	35.52 -2.88 0.01	34.20 -3.43 0.05	33.02 -3.23 0.05	32.58 -2.30 0.00
DUNKIRK___4 23566	31.67 -1.18 0.00	30.27 -0.84 0.00	29.96 -1.05 0.00	29.96 -1.41 0.00	30.83 -1.12 0.00	33.31 -1.35 0.00	39.29 -1.42 0.00	41.91 -3.50 0.01	39.35 -2.74 0.00	34.54 -2.84 0.00	33.57 -3.12 0.01	30.61 -2.59 0.00	31.28 -2.39 0.00	30.53 -2.33 0.00	30.66 -2.45 0.00	32.42 -2.44 0.00	34.76 -3.23 0.00	40.29 -3.80 0.05	41.59 -4.47 0.05	38.26 -3.33 0.01	35.45 -2.96 0.01	34.13 -3.50 0.05	32.98 -3.27 0.05	32.55 -2.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.33 1.48 0.00	32.38 1.28 0.00	32.28 1.27 0.00	32.69 1.32 0.00	33.39 1.44 0.00	36.19 1.53 0.00	42.99 2.28 0.00	48.55 3.13 0.00	45.15 3.07 0.00	39.74 2.36 0.00	38.98 2.28 0.00	35.33 2.09 -0.03	35.79 2.09 -0.02	34.97 2.07 -0.04	35.22 2.09 -0.03	37.03 2.16 -0.01	40.57 2.58 0.00	47.53 3.40 0.00	49.66 3.55 0.00	44.80 3.20 0.00	41.18 2.77 0.00	39.98 2.30 0.00	38.52 2.21 0.00	36.84 1.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.10 1.25 0.00	32.19 1.09 0.00	32.10 1.09 0.00	32.50 1.13 0.00	33.13 1.18 0.00	35.91 1.25 0.00	42.67 1.95 0.00	48.01 2.59 0.00	44.69 2.61 0.00	39.25 1.87 0.00	38.47 1.76 0.00	34.77 1.56 0.00	35.19 1.52 0.00	34.41 1.54 0.00	34.67 1.56 0.00	36.46 1.60 0.00	39.96 1.98 0.00	46.87 2.74 0.00	48.97 2.86 0.00	44.18 2.58 0.00	40.68 2.27 0.00	39.53 1.85 0.00	38.08 1.78 0.00	36.45 1.57 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.13 1.28 0.00	32.16 1.06 0.00	31.94 0.93 0.00	32.35 0.97 0.00	33.13 1.18 0.00	35.91 1.25 0.00	42.91 2.20 0.00	48.42 3.00 0.00	45.11 3.03 0.00	39.78 2.39 0.00	38.98 2.28 0.00	35.33 2.06 -0.07	35.75 2.02 -0.05	34.95 2.00 -0.09	35.19 2.02 -0.06	37.00 2.13 -0.01	40.72 2.74 0.00	47.62 3.49 0.00	49.95 3.83 -0.01	44.97 3.37 0.00	41.33 2.92 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.84 1.95 0.00
E179THST_13_KV_LOAD 356214	34.26 1.41 0.00	32.26 1.15 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	43.08 2.36 0.00	48.60 3.18 0.00	45.32 3.24 0.00	39.96 2.58 0.00	39.16 2.46 0.00	35.47 2.19 -0.07	35.91 2.19 -0.05	35.12 2.17 -0.09	35.36 2.19 -0.06	37.14 2.27 -0.01	40.91 2.93 0.00	47.84 3.71 0.00	50.22 4.10 -0.01	45.22 3.62 0.00	41.52 3.11 0.00	40.32 2.64 0.00	38.91 2.61 0.00	36.98 2.09 0.00
EAST HAMPTON___GT 23717	45.00 3.55 -8.60	40.93 3.14 -6.69	40.96 3.13 -6.82	40.04 3.17 -5.49	41.04 3.35 -5.73	45.99 3.88 -7.44	57.03 5.58 -10.74	59.50 6.22 -7.86	56.04 6.10 -7.86	46.03 4.75 -3.90	45.31 4.48 -4.13	42.96 3.98 -5.77	40.48 3.90 -2.90	40.88 3.84 -4.17	43.90 3.87 -6.92	47.46 4.04 -8.56	55.69 5.13 -12.58	71.10 6.93 -20.04	68.85 7.33 -15.41	58.06 6.45 -10.01	56.80 5.76 -12.63	54.57 4.82 -12.06	47.54 4.43 -6.81	47.34 4.22 -8.24
EAST RIVER___6 23660	34.17 1.32 0.00	32.19 1.09 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.23 1.28 0.00	36.12 1.46 0.00	42.99 2.28 0.00	48.64 3.23 0.00	45.37 3.28 0.00	40.01 2.62 -0.01	39.21 2.50 -0.01	37.44 2.32 -1.91	37.38 2.29 -1.42	37.42 2.30 -2.26	37.11 2.28 -1.72	37.71 2.37 -0.48	40.72 2.74 0.00	47.85 3.71 -0.01	49.95 3.83 -0.02	45.02 3.41 -0.01	41.29 2.88 0.00	40.02 2.34 0.00	38.66 2.36 0.00	36.84 1.95 0.00
EAST RIVER___7 23524	34.17 1.32 0.00	32.19 1.09 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.23 1.28 0.00	36.12 1.46 0.00	42.99 2.28 0.00	48.64 3.23 0.00	45.37 3.28 0.00	40.01 2.62 -0.01	39.21 2.50 -0.01	37.44 2.32 -1.91	37.38 2.29 -1.42	37.42 2.30 -2.26	37.11 2.28 -1.72	37.71 2.37 -0.48	40.72 2.74 0.00	47.85 3.71 -0.01	49.95 3.83 -0.02	45.02 3.41 -0.01	41.29 2.88 0.00	40.02 2.34 0.00	38.66 2.36 0.00	36.84 1.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.23 1.38 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.33 1.37 0.00	36.09 1.42 0.00	42.91 2.20 0.00	48.42 3.00 0.00	45.03 2.95 0.00	39.63 2.24 0.00	38.87 2.17 0.00	35.20 1.99 0.00	35.66 1.99 0.00	34.83 1.97 0.00	35.10 1.99 0.00	36.88 2.02 0.00	40.46 2.47 0.00	47.40 3.27 0.00	49.52 3.41 0.00	44.63 3.04 0.00	41.06 2.65 0.00	39.87 2.19 0.00	38.41 2.11 0.00	36.77 1.88 0.00
EAST_HAMPTON___DIESEL 23722	44.97 3.52 -8.60	40.90 3.11 -6.69	40.93 3.10 -6.82	40.00 3.14 -5.49	41.04 3.35 -5.73	45.99 3.88 -7.44	57.03 5.58 -10.74	59.50 6.22 -7.86	56.04 6.10 -7.86	45.99 4.71 -3.90	45.31 4.48 -4.13	42.93 3.95 -5.77	40.48 3.90 -2.90	40.88 3.84 -4.17	43.90 3.87 -6.92	47.46 4.04 -8.56	55.66 5.09 -12.58	71.06 6.88 -20.04	68.80 7.28 -15.41	58.06 6.45 -10.01	56.80 5.76 -12.63	54.57 4.82 -12.06	47.50 4.39 -6.81	47.34 4.22 -8.24
EAST_PULASKI___ESR 323781	32.06 -0.79 0.00	30.39 -0.72 0.00	30.27 -0.74 0.00	30.59 -0.78 0.00	31.18 -0.77 0.00	33.87 -0.80 0.00	40.10 -0.61 0.00	44.38 -1.04 0.00	40.99 -1.09 0.00	36.19 -1.20 0.00	35.35 -1.36 0.00	32.04 -1.16 0.00	32.50 -1.18 0.00	31.68 -1.18 0.00	31.92 -1.19 0.00	33.64 -1.22 0.00	36.77 -1.22 0.00	43.03 -1.10 0.00	44.96 -1.15 0.00	40.60 -1.00 0.00	37.45 -0.96 0.00	36.55 -1.13 0.00	35.18 -1.13 0.00	33.80 -1.08 0.00
EAST_RIVER___1 323558	34.29 1.44 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.36 1.40 0.00	36.23 1.56 0.00	43.07 2.36 0.00	48.69 3.27 0.00	45.37 3.28 0.00	40.01 2.62 -0.01	39.24 2.53 -0.01	37.44 2.32 -1.91	37.41 2.32 -1.42	37.42 2.30 -2.26	37.11 2.28 -1.72	37.71 2.37 -0.48	40.76 2.77 0.00	47.85 3.71 -0.01	49.95 3.83 -0.02	45.06 3.45 -0.01	41.33 2.92 0.00	40.09 2.41 0.00	38.70 2.40 0.00	36.94 2.06 0.00
EAST_RIVER___2 323559	34.17 1.32 0.00	32.19 1.09 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.23 1.28 0.00	36.12 1.46 0.00	42.99 2.28 0.00	48.64 3.23 0.00	45.37 3.28 0.00	40.01 2.62 -0.01	39.21 2.50 -0.01	37.44 2.32 -1.91	37.38 2.29 -1.42	37.42 2.30 -2.26	37.11 2.28 -1.72	37.71 2.37 -0.48	40.72 2.74 0.00	47.85 3.71 -0.01	49.95 3.83 -0.02	45.02 3.41 -0.01	41.29 2.88 0.00	40.02 2.34 0.00	38.66 2.36 0.00	36.84 1.95 0.00
EAST___DELAWARE_HYD 23607	33.67 0.82 0.00	31.79 0.68 0.00	31.69 0.68 0.00	32.10 0.72 0.00	32.69 0.74 0.00	35.53 0.87 0.00	42.30 1.59 0.00	47.55 2.14 0.00	44.10 2.02 0.00	38.58 1.20 0.00	37.73 1.03 0.00	34.07 0.86 0.00	33.57 -0.10 0.00	32.83 -0.03 0.00	33.08 -0.03 0.00	34.86 0.00 0.00	38.33 0.34 0.00	45.19 1.06 0.00	47.26 1.15 0.00	42.55 0.96 0.00	40.14 1.73 0.00	38.96 1.28 0.00	37.61 1.30 0.00	35.93 1.05 0.00
EIGHT_POINT___WT_PWR 323820	33.80 0.95 0.00	32.04 0.93 0.00	31.85 0.84 0.00	32.16 0.78 0.00	32.97 1.02 0.00	35.85 1.18 0.00	42.75 2.03 0.00	46.94 1.50 -0.02	43.26 1.18 0.00	37.91 0.52 0.00	36.84 0.15 0.01	33.44 0.23 0.00	33.94 0.27 0.00	33.03 0.17 0.00	33.37 0.26 0.00	35.17 0.31 0.00	38.41 0.42 0.00	44.85 0.75 0.03	46.72 0.65 0.03	42.54 0.91 -0.02	39.31 0.88 -0.02	37.95 0.30 0.03	36.49 0.22 0.03	35.48 0.59 0.00
ELBRIDGE_115KV_TB2 80188	32.19 -0.66 0.00	30.48 -0.62 0.00	30.36 -0.65 0.00	30.68 -0.69 0.00	31.31 -0.64 0.00	34.01 -0.66 0.00	40.23 -0.49 0.00	44.48 -0.95 -0.02	41.20 -0.88 0.00	36.34 -1.05 0.00	35.56 -1.14 0.00	32.21 -1.00 0.00	32.67 -1.01 0.00	31.84 -1.02 0.00	32.12 -0.99 0.00	33.81 -1.05 0.00	36.89 -1.10 0.00	43.06 -1.06 0.02	44.99 -1.11 0.02	40.70 -0.92 -0.02	37.58 -0.85 -0.01	36.57 -1.09 0.02	35.16 -1.13 0.02	33.87 -1.01 0.00
ELEC_TRO_TEK 24086	43.39 1.94 -8.60	39.50 1.71 -6.69	39.53 1.71 -6.82	38.62 1.76 -5.49	39.57 1.89 -5.73	44.12 2.01 -7.44	54.34 2.89 -10.74	57.00 3.72 -7.86	53.60 3.66 -7.85	44.16 2.88 -3.90	43.62 2.79 -4.13	41.54 2.56 -5.77	39.10 2.53 -2.90	39.57 2.53 -4.17	42.54 2.52 -6.92	46.03 2.61 -8.56	53.64 3.08 -12.58	68.14 3.97 -20.04	65.66 4.15 -15.40	55.35 3.74 -10.01	54.30 3.26 -12.63	52.53 2.79 -12.06	45.80 2.69 -6.81	45.57 2.44 -8.24
ELLENBURG_WT_PWR 323604	34.29 1.44 0.00	32.54 1.43 0.00	32.41 1.40 0.00	32.82 1.44 0.00	33.29 1.34 0.00	36.09 1.42 0.00	41.81 1.10 0.00	46.42 1.00 0.00	42.75 0.67 0.00	38.62 1.23 0.00	37.91 1.21 0.00	33.93 0.73 0.00	34.55 0.87 0.00	33.62 0.76 0.00	33.84 0.73 0.00	35.66 0.80 0.00	39.01 1.03 0.00	44.93 0.80 0.00	46.85 0.74 0.00	41.97 0.37 0.00	38.83 0.42 0.00	38.36 0.68 0.00	36.92 0.62 0.00	35.86 0.98 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.14 -1.71 0.00	29.80 -1.31 0.00	29.49 -1.52 0.00	29.46 -1.91 0.00	30.29 -1.66 0.00	32.73 -1.94 0.00	38.47 -2.24 0.00	41.09 -4.31 0.01	38.55 -3.53 0.00	33.91 -3.48 0.00	32.98 -3.71 0.01	30.08 -3.12 0.00	30.78 -2.90 0.00	30.04 -2.83 0.00	30.16 -2.95 0.00	31.86 -3.00 0.00	34.11 -3.87 0.00	39.53 -4.55 0.05	40.99 -5.07 0.05	37.55 -4.03 0.01	34.79 -3.61 0.01	33.56 -4.07 0.05	32.47 -3.78 0.05	31.99 -2.90 0.00
EMPIRE_CC_1 323656	33.67 0.82 0.00	31.82 0.72 0.00	31.75 0.74 0.00	32.13 0.75 0.00	32.75 0.80 0.00	35.50 0.83 0.00	41.77 1.06 0.00	46.78 1.36 0.00	43.39 1.31 0.00	38.25 0.86 0.00	37.73 1.03 0.00	34.13 0.93 0.00	34.62 0.94 0.00	33.82 0.95 0.00	34.04 0.93 0.00	35.83 0.97 0.00	39.24 1.25 0.00	45.63 1.50 0.00	47.68 1.57 0.00	43.01 1.42 0.00	39.60 1.19 0.00	38.81 1.13 0.00	37.39 1.09 0.00	35.90 1.01 0.00
EMPIRE_CC_2 323658	33.67 0.82 0.00	31.82 0.72 0.00	31.75 0.74 0.00	32.13 0.75 0.00	32.75 0.80 0.00	35.50 0.83 0.00	41.77 1.06 0.00	46.78 1.36 0.00	43.39 1.31 0.00	38.25 0.86 0.00	37.73 1.03 0.00	34.13 0.93 0.00	34.62 0.94 0.00	33.82 0.95 0.00	34.04 0.93 0.00	35.83 0.97 0.00	39.24 1.25 0.00	45.63 1.50 0.00	47.68 1.57 0.00	43.01 1.42 0.00	39.60 1.19 0.00	38.81 1.13 0.00	37.39 1.09 0.00	35.90 1.01 0.00
ENORWICH_115KV_TB1 80156	35.97 3.12 0.00	34.09 2.99 0.00	33.89 2.88 0.00	34.26 2.89 0.00	35.18 3.23 0.00	38.41 3.74 0.00	46.09 5.37 0.00	51.02 5.59 -0.01	46.75 4.67 0.00	40.64 3.25 0.00	39.16 2.46 0.01	35.46 2.26 0.00	35.90 2.22 0.00	34.97 2.10 0.00	35.26 2.15 0.00	37.30 2.44 0.00	41.29 3.30 0.00	48.97 4.85 0.02	50.93 4.84 0.02	46.14 4.53 -0.01	42.53 4.11 -0.01	41.13 3.47 0.02	39.44 3.16 0.02	37.95 3.07 0.00
ERIE_ST__34_KV_TB1-2 80199	31.90 -0.95 0.00	30.48 -0.62 0.00	30.14 -0.87 0.00	30.18 -1.19 0.00	31.02 -0.93 0.00	33.52 -1.14 0.00	39.57 -1.71 0.00	41.87 -3.82 0.01	39.56 -3.07 0.00	34.77 -3.22 0.00	33.79 -3.60 0.01	30.85 -2.86 0.00	31.52 -2.63 0.00	30.76 -2.56 0.00	30.89 -2.52 0.00	32.56 -2.65 0.00	34.91 -3.57 0.00	40.29 -4.19 0.05	41.22 -4.57 0.05	38.34 -3.62 0.01	35.64 -3.34 0.01	34.24 -3.84 0.05	33.06 -3.19 0.05	32.79 -2.09 0.00
ERIE_WT_PWR 323693	31.44 -1.41 0.00	30.08 -1.03 0.00	29.77 -1.24 0.00	29.84 -1.54 0.00	30.58 -1.37 0.00	33.07 -1.59 0.00	39.01 -1.71 0.00	41.59 -3.82 0.01	39.01 -3.07 0.00	34.17 -3.22 0.00	33.09 -3.60 0.01	30.35 -2.86 0.00	31.05 -2.63 0.00	30.30 -2.56 0.00	30.59 -2.52 0.00	32.21 -2.65 0.00	34.42 -3.57 0.00	39.89 -4.19 0.05	41.49 -4.57 0.05	37.97 -3.62 0.01	35.06 -3.34 0.01	33.79 -3.84 0.05	32.80 -3.45 0.05	32.51 -2.37 0.00
ESPRGFLD_115KV_TB1 80157	34.79 1.94 0.00	32.91 1.80 0.00	32.81 1.80 0.00	33.23 1.85 0.00	33.93 1.98 0.00	36.95 2.29 0.00	44.09 3.38 0.00	49.01 3.59 0.00	45.24 3.16 0.00	39.63 2.24 0.00	38.57 1.87 0.00	34.90 1.69 0.00	35.36 1.68 0.00	34.51 1.64 0.00	34.80 1.69 0.00	36.74 1.88 0.00	40.34 2.36 0.00	47.48 3.35 0.01	49.61 3.50 0.01	44.89 3.29 0.00	41.29 2.88 0.00	40.16 2.49 0.01	38.58 2.29 0.01	37.01 2.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.34 0.49 0.00	31.57 0.47 0.00	31.44 0.43 0.00	31.78 0.41 0.00	32.49 0.54 0.00	35.33 0.66 0.00	41.98 1.26 0.00	46.44 1.00 -0.02	42.92 0.84 0.00	37.72 0.34 0.00	36.81 0.11 0.01	33.30 0.10 0.00	33.74 0.07 0.00	32.90 0.03 0.00	33.18 0.07 0.00	35.00 0.14 0.00	38.33 0.34 0.00	44.86 0.75 0.02	46.78 0.69 0.02	42.45 0.83 -0.02	39.15 0.73 -0.01	38.04 0.38 0.02	36.46 0.18 0.02	35.16 0.28 0.00
ETNA____115KV_TB2 80207	33.34 0.49 0.00	31.57 0.47 0.00	31.44 0.43 0.00	31.78 0.41 0.00	32.49 0.54 0.00	35.33 0.66 0.00	41.98 1.26 0.00	46.44 1.00 -0.02	42.92 0.84 0.00	37.72 0.34 0.00	36.81 0.11 0.01	33.30 0.10 0.00	33.74 0.07 0.00	32.90 0.03 0.00	33.18 0.07 0.00	35.00 0.14 0.00	38.33 0.34 0.00	44.86 0.75 0.02	46.78 0.69 0.02	42.45 0.83 -0.02	39.15 0.73 -0.01	38.04 0.38 0.02	36.46 0.18 0.02	35.16 0.28 0.00
EUCLID___115KV_TB2 356179	31.93 -0.92 0.00	30.23 -0.87 0.00	30.11 -0.90 0.00	30.43 -0.94 0.00	31.06 -0.89 0.00	33.73 -0.94 0.00	39.86 -0.86 0.00	44.01 -1.41 0.00	40.78 -1.30 0.00	36.00 -1.38 0.00	35.23 -1.47 0.01	31.91 -1.29 0.00	32.40 -1.28 0.00	31.58 -1.28 0.00	31.82 -1.29 0.00	33.53 -1.32 0.00	36.54 -1.44 0.00	42.64 -1.46 0.04	44.55 -1.52 0.04	40.27 -1.33 0.00	37.18 -1.23 0.00	36.21 -1.43 0.04	34.81 -1.45 0.04	33.56 -1.33 0.00
E_CANADA_CAP_HY 24051	35.02 2.17 0.00	33.16 2.05 0.00	33.06 2.05 0.00	33.48 2.10 0.00	34.15 2.20 0.00	37.23 2.57 0.00	44.42 3.70 0.00	49.37 3.95 0.00	45.45 3.37 0.00	39.74 2.36 0.00	38.68 1.98 0.00	35.06 1.86 0.00	35.49 1.82 0.00	34.64 1.77 0.00	34.96 1.85 0.00	36.99 2.13 0.00	40.61 2.62 0.00	47.83 3.71 0.01	50.11 4.01 0.01	45.30 3.70 0.00	41.67 3.26 0.00	40.62 2.94 0.01	38.98 2.69 0.01	37.36 2.48 0.00
E_CANADA_MHWK_HY 24050	33.34 0.49 0.00	31.57 0.47 0.00	31.44 0.43 0.00	31.78 0.41 0.00	32.40 0.45 0.00	35.19 0.52 0.00	41.49 0.77 0.00	46.33 0.91 0.00	42.88 0.80 0.00	37.98 0.60 0.00	37.22 0.51 0.00	33.73 0.53 0.00	34.18 0.51 0.00	33.36 0.49 0.00	33.57 0.46 0.00	35.31 0.45 0.00	38.52 0.53 0.00	44.88 0.75 0.00	46.80 0.69 0.00	42.18 0.58 0.00	38.95 0.54 0.00	38.25 0.57 0.00	36.88 0.58 0.00	35.48 0.59 0.00
E_FISHKILL___LBMP 23776	34.10 1.25 0.00	32.19 1.09 0.00	32.10 1.09 0.00	32.54 1.16 0.00	33.17 1.21 0.00	35.95 1.28 0.00	42.63 1.91 0.00	48.01 2.59 0.00	44.61 2.52 0.00	39.29 1.91 0.00	38.54 1.84 0.00	34.86 1.66 0.00	35.33 1.65 0.00	34.51 1.64 0.00	34.77 1.66 0.00	36.57 1.71 0.00	40.08 2.09 0.00	46.91 2.78 0.00	49.01 2.90 0.00	44.22 2.62 0.00	40.68 2.27 0.00	39.57 1.88 0.00	38.12 1.82 0.00	36.52 1.64 0.00
FALCON___SEABRD_CC1 323796	34.79 1.94 0.00	33.00 1.90 0.00	32.87 1.86 0.00	33.29 1.91 0.00	33.80 1.85 0.00	36.61 1.94 0.00	42.26 1.55 0.00	46.87 1.45 0.00	43.09 1.01 0.00	38.99 1.61 0.00	38.28 1.58 0.00	34.20 1.00 0.00	34.82 1.15 0.00	33.85 0.98 0.00	34.07 0.96 0.00	35.90 1.04 0.00	39.35 1.37 0.00	45.32 1.19 0.00	47.31 1.20 0.00	42.35 0.75 0.00	39.18 0.77 0.00	38.66 0.98 0.00	37.21 0.91 0.00	36.35 1.46 0.00
FALCON___SEABRD_CC2 323797	34.79 1.94 0.00	33.00 1.90 0.00	32.87 1.86 0.00	33.29 1.91 0.00	33.80 1.85 0.00	36.61 1.94 0.00	42.26 1.55 0.00	46.87 1.45 0.00	43.09 1.01 0.00	38.99 1.61 0.00	38.28 1.58 0.00	34.20 1.00 0.00	34.82 1.15 0.00	33.85 0.98 0.00	34.07 0.96 0.00	35.90 1.04 0.00	39.35 1.37 0.00	45.32 1.19 0.00	47.31 1.20 0.00	42.35 0.75 0.00	39.18 0.77 0.00	38.66 0.98 0.00	37.21 0.91 0.00	36.35 1.46 0.00

FAR ROCKAWAY___4 23548	43.75 2.30 -8.60	39.84 2.05 -6.69	39.87 2.05 -6.82	38.97 2.10 -5.49	39.92 2.24 -5.73	44.50 2.39 -7.44	54.51 3.05 -10.74	57.18 3.91 -7.86	53.72 3.79 -7.85	44.53 3.25 -3.90	44.02 3.19 -4.13	41.90 2.92 -5.77	39.50 2.93 -2.90	39.93 2.89 -4.17	42.91 2.88 -6.92	46.38 2.96 -8.56	53.75 3.19 -12.58	68.36 4.19 -20.04	65.89 4.38 -15.40	55.52 3.91 -10.01	54.49 3.46 -12.63	52.64 2.90 -12.06	46.20 3.09 -6.81	45.92 2.79 -8.24
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.33 1.48 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.39 1.44 0.00	36.23 1.56 0.00	43.12 2.40 0.00	48.73 3.32 0.00	45.41 3.32 0.00	40.00 2.62 0.00	39.24 2.53 0.00	37.44 2.32 -1.91	37.42 2.32 -1.42	37.46 2.33 -2.26	37.15 2.32 -1.72	37.74 2.41 -0.48	40.80 2.81 0.00	47.84 3.71 0.00	49.95 3.83 -0.02	45.05 3.45 0.00	41.41 3.00 0.00	40.17 2.49 0.00	38.73 2.43 0.00	36.98 2.09 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.30 1.45 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.39 1.44 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.36 3.28 0.00	40.00 2.62 0.00	39.24 2.53 0.00	37.44 2.32 -1.91	37.42 2.32 -1.42	37.43 2.30 -2.26	37.15 2.32 -1.72	37.71 2.37 -0.48	40.80 2.81 0.00	47.84 3.71 0.00	49.95 3.83 -0.02	45.05 3.45 0.00	41.41 3.00 0.00	40.17 2.49 0.00	38.73 2.43 0.00	36.98 2.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.26 1.41 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.36 1.41 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.64 3.22 0.00	45.32 3.24 0.00	39.96 2.58 0.00	39.20 2.50 0.00	37.41 2.29 -1.91	37.38 2.29 -1.42	37.39 2.27 -2.26	37.12 2.28 -1.72	37.67 2.34 -0.48	40.76 2.77 0.00	47.75 3.62 0.00	49.91 3.78 -0.02	45.01 3.41 0.00	41.33 2.92 0.00	40.09 2.41 0.00	38.70 2.40 0.00	36.94 2.06 0.00
FARRAGUT___LBMP 323566	34.26 1.41 0.00	32.29 1.18 0.00	32.16 1.15 0.00	32.60 1.22 0.00	33.33 1.37 0.00	36.16 1.49 0.00	42.99 2.28 0.00	48.60 3.18 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.37 2.26 -1.91	37.35 2.26 -1.42	37.39 2.27 -2.26	37.08 2.25 -1.72	37.67 2.34 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.86 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
FENNER___WINDPWR 24204	33.41 0.56 0.00	31.63 0.53 0.00	31.54 0.53 0.00	31.88 0.50 0.00	32.56 0.61 0.00	35.43 0.76 0.00	41.98 1.26 0.00	46.70 1.27 -0.01	43.13 1.05 0.00	37.98 0.60 0.00	37.07 0.37 0.01	33.54 0.33 0.00	34.01 0.34 0.00	33.16 0.30 0.00	33.44 0.33 0.00	35.24 0.38 0.00	38.56 0.57 0.00	45.13 1.02 0.02	47.10 1.01 0.02	42.56 0.96 -0.01	39.26 0.84 -0.01	38.23 0.57 0.02	36.75 0.47 0.02	35.41 0.52 0.00
FIBERTEK___ENERGY 23856	32.33 -0.53 0.00	30.61 -0.50 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.44 -0.51 0.00	34.15 -0.52 0.00	40.43 -0.28 0.00	44.70 -0.73 -0.01	41.37 -0.72 0.00	36.52 -0.86 0.00	35.71 -0.99 0.01	32.37 -0.83 0.00	32.83 -0.84 0.00	32.01 -0.85 0.00	32.25 -0.86 0.00	33.95 -0.91 0.00	37.08 -0.91 0.00	43.28 -0.84 0.02	45.21 -0.88 0.02	40.90 -0.71 -0.01	37.73 -0.69 -0.01	36.76 -0.90 0.02	35.30 -0.98 0.02	34.01 -0.87 0.00
FITZPATRICK___ 23598	31.54 -1.32 0.00	29.86 -1.25 0.00	29.74 -1.27 0.00	30.09 -1.29 0.00	30.67 -1.28 0.00	33.28 -1.39 0.00	39.25 -1.46 0.00	43.47 -1.95 0.00	40.32 -1.77 0.00	35.63 -1.76 0.00	34.87 -1.83 0.00	31.61 -1.59 0.00	32.06 -1.62 0.00	31.29 -1.58 0.00	31.52 -1.59 0.00	33.19 -1.67 0.00	36.17 -1.82 0.00	42.19 -1.94 0.01	44.08 -2.03 0.01	39.81 -1.79 0.00	36.72 -1.69 0.00	35.87 -1.81 0.01	34.52 -1.78 0.01	33.25 -1.64 0.00
FLOWRFLD_69_KV_BK1 356044	44.21 2.76 -8.60	40.22 2.43 -6.69	40.25 2.42 -6.82	39.35 2.48 -5.49	40.33 2.65 -5.73	45.09 2.98 -7.44	55.73 4.27 -10.74	58.41 5.13 -7.86	54.95 5.01 -7.86	45.10 3.81 -3.90	44.46 3.63 -4.13	42.20 3.22 -5.77	39.74 3.17 -2.90	40.19 3.15 -4.17	43.31 3.28 -6.92	46.80 3.38 -8.56	54.78 4.22 -12.58	69.74 5.56 -20.04	67.33 5.81 -15.41	56.77 5.16 -10.01	55.65 4.61 -12.63	53.66 3.92 -12.06	46.67 3.56 -6.81	46.33 3.21 -8.24
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.39 1.54 0.00	32.51 1.40 0.00	32.37 1.36 0.00	32.82 1.44 0.00	33.42 1.47 0.00	36.23 1.56 0.00	43.08 2.36 0.00	48.51 3.09 0.00	45.07 2.99 0.00	39.52 2.13 0.00	38.72 2.02 0.00	35.00 1.79 0.00	35.39 1.72 0.00	34.60 1.74 0.00	34.87 1.75 0.00	36.67 1.81 0.00	40.27 2.28 0.00	47.31 3.18 0.00	49.43 3.32 0.00	44.55 2.95 0.00	41.02 2.61 0.00	39.87 2.19 0.00	38.41 2.11 0.00	36.77 1.88 0.00
FORT ORANGE___ 23900	33.51 0.66 0.00	31.67 0.56 0.00	31.63 0.62 0.00	32.00 0.63 0.00	32.56 0.61 0.00	35.36 0.69 0.00	41.45 0.73 0.00	46.37 0.96 0.00	43.01 0.92 0.00	37.80 0.41 0.00	37.11 0.40 0.00	33.57 0.37 0.00	34.01 0.34 0.00	33.29 0.43 0.00	33.51 0.40 0.00	35.35 0.49 0.00	38.75 0.76 0.00	45.15 1.02 0.00	47.21 1.10 0.00	42.59 1.00 0.00	39.25 0.84 0.00	38.36 0.68 0.00	36.92 0.62 0.00	35.69 0.80 0.00
FORT_DRUM_COGEN 23780	32.79 -0.07 0.00	31.11 0.00 0.00	30.98 -0.03 0.00	31.31 -0.06 0.00	31.95 0.00 0.00	34.84 0.17 0.00	41.37 0.65 0.00	45.92 0.50 0.00	42.08 0.00 0.00	37.05 -0.34 0.00	36.01 -0.70 0.00	32.54 -0.66 0.00	32.97 -0.71 0.00	32.17 -0.69 0.00	32.38 -0.73 0.00	34.30 -0.56 0.00	37.76 -0.23 0.00	44.49 0.35 0.00	46.48 0.37 0.00	41.89 0.29 0.00	38.56 0.15 0.00	37.61 -0.08 0.00	36.19 -0.11 0.00	34.71 -0.17 0.00
FOX_HILLS___ESR 323835	34.43 1.58 0.00	32.41 1.31 0.00	32.25 1.24 0.00	32.69 1.32 0.00	33.49 1.53 0.00	36.23 1.56 0.00	42.99 2.28 0.00	48.64 3.22 0.00	45.36 3.28 0.00	40.00 2.62 0.00	39.20 2.50 0.00	37.39 2.26 -1.93	37.33 2.22 -1.43	37.38 2.23 -2.29	37.10 2.25 -1.74	37.71 2.37 -0.48	40.91 2.93 0.00	47.88 3.75 0.00	50.19 4.01 -0.07	45.17 3.58 0.00	41.48 3.07 0.00	40.36 2.68 -0.01	38.96 2.65 -0.01	37.12 2.23 0.00
FPL_FAR_ROCK_GT1 24212	43.75 2.30 -8.60	39.84 2.05 -6.69	39.87 2.05 -6.82	38.94 2.07 -5.49	39.92 2.24 -5.73	44.53 2.43 -7.44	54.51 3.06 -10.74	57.18 3.91 -7.86	53.72 3.79 -7.85	44.57 3.29 -3.90	44.02 3.19 -4.13	41.93 2.95 -5.77	39.50 2.93 -2.90	39.93 2.89 -4.17	42.91 2.88 -6.92	46.38 2.96 -8.56	53.71 3.15 -12.58	68.36 4.19 -20.04	65.94 4.43 -15.40	55.56 3.95 -10.01	54.45 3.42 -12.63	52.60 2.86 -12.06	46.20 3.08 -6.81	45.95 2.82 -8.24
FPL_FAR_ROCK_GT2 23815	43.75 2.30 -8.60	39.84 2.05 -6.69	39.87 2.05 -6.82	38.94 2.07 -5.49	39.92 2.24 -5.73	44.53 2.43 -7.44	54.51 3.06 -10.74	57.18 3.91 -7.86	53.72 3.79 -7.85	44.57 3.29 -3.90	44.02 3.19 -4.13	41.93 2.95 -5.77	39.50 2.93 -2.90	39.93 2.89 -4.17	42.91 2.88 -6.92	46.38 2.96 -8.56	53.71 3.15 -12.58	68.36 4.19 -20.04	65.94 4.43 -15.40	55.56 3.95 -10.01	54.45 3.42 -12.63	52.60 2.86 -12.06	46.20 3.08 -6.81	45.95 2.82 -8.24

FRANKLIN_FALL_HYD 24054	34.33 1.48 0.00	32.63 1.52 0.00	32.47 1.46 0.00	32.88 1.51 0.00	33.36 1.41 0.00	36.12 1.46 0.00	42.02 1.30 0.00	46.64 1.23 0.00	42.88 0.80 0.00	38.84 1.46 0.00	38.06 1.36 0.00	34.03 0.83 0.00	34.65 0.98 0.00	33.72 0.85 0.00	33.94 0.83 0.00	35.73 0.87 0.00	39.17 1.18 0.00	45.15 1.02 0.00	47.12 1.01 0.00	42.18 0.58 0.00	38.95 0.54 0.00	38.47 0.79 0.00	37.10 0.80 0.00	35.93 1.05 0.00
FREEPORT_EQUS_GT1 23764	43.62 2.17 -8.60	39.75 1.96 -6.69	39.75 1.92 -6.82	38.85 1.98 -5.49	39.82 2.14 -5.73	44.43 2.32 -7.44	54.71 3.26 -10.74	57.45 4.18 -7.86	53.94 4.00 -7.86	44.46 3.18 -3.90	43.88 3.04 -4.13	41.77 2.79 -5.77	39.37 2.79 -2.90	39.80 2.76 -4.17	42.78 2.75 -6.92	46.28 2.86 -8.56	53.83 3.27 -12.58	68.32 4.15 -20.04	65.85 4.33 -15.40	55.48 3.87 -10.01	54.38 3.34 -12.63	52.83 3.09 -12.06	46.09 2.98 -6.81	45.85 2.72 -8.24
FREEPORT___CT2 23818	43.62 2.17 -8.60	39.75 1.96 -6.69	39.75 1.92 -6.82	38.85 1.98 -5.49	39.82 2.14 -5.73	44.43 2.32 -7.44	54.71 3.26 -10.74	57.45 4.18 -7.86	53.94 4.00 -7.86	44.46 3.18 -3.90	43.88 3.04 -4.13	41.77 2.79 -5.77	39.37 2.79 -2.90	39.80 2.76 -4.17	42.78 2.75 -6.92	46.28 2.86 -8.56	53.83 3.27 -12.58	68.32 4.15 -20.04	65.85 4.33 -15.40	55.48 3.87 -10.01	54.38 3.34 -12.63	52.83 3.09 -12.06	46.09 2.98 -6.81	45.85 2.72 -8.24
FRESHKLS_33_KV_LOAD 356253	34.43 1.58 0.00	32.44 1.34 0.00	32.28 1.27 0.00	32.69 1.32 0.00	33.49 1.53 0.00	36.23 1.56 0.00	42.87 2.16 0.00	48.51 3.09 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.09 2.39 0.00	37.30 2.16 -1.93	37.23 2.12 -1.43	37.28 2.14 -2.29	37.00 2.15 -1.74	37.61 2.27 -0.48	40.84 2.85 0.00	47.84 3.71 0.00	50.14 3.97 -0.07	45.13 3.54 0.00	41.44 3.03 0.00	40.33 2.64 -0.01	38.92 2.61 -0.01	37.12 2.23 0.00
FULTON COGEN____ 23766	31.80 -1.05 0.00	30.14 -0.96 0.00	29.99 -1.02 0.00	30.34 -1.04 0.00	30.96 -0.99 0.00	33.63 -1.04 0.00	39.78 -0.94 0.00	43.97 -1.45 0.00	40.69 -1.39 0.00	35.93 -1.46 0.00	35.16 -1.54 0.00	31.88 -1.33 0.00	32.33 -1.35 0.00	31.52 -1.35 0.00	31.75 -1.36 0.00	33.46 -1.39 0.00	36.51 -1.48 0.00	42.64 -1.50 -0.01	44.55 -1.57 -0.01	40.27 -1.33 0.00	37.15 -1.27 0.00	36.26 -1.43 -0.01	34.82 -1.49 -0.01	33.49 -1.40 0.00
FULTON___LFGE 323630	36.50 3.65 0.00	34.50 3.39 0.00	34.39 3.38 0.00	34.86 3.48 0.00	35.50 3.55 0.00	38.79 4.12 0.00	46.46 5.74 0.00	51.73 6.31 0.00	47.43 5.34 0.00	41.16 3.77 0.00	40.01 3.30 0.00	36.09 2.89 0.00	36.57 2.90 0.00	35.76 2.89 0.00	36.12 3.01 0.00	38.42 3.56 0.00	42.32 4.33 0.00	50.05 5.92 0.00	52.48 6.37 0.00	47.63 6.03 0.00	43.79 5.38 0.00	42.43 4.75 0.00	40.69 4.39 0.00	39.00 4.11 0.00
G.F.CEMENT___DRP 24184	34.39 1.54 0.00	32.44 1.34 0.00	32.37 1.36 0.00	32.85 1.47 0.00	33.52 1.57 0.00	36.50 1.84 0.00	42.46 1.75 0.00	47.69 2.27 0.00	44.02 1.94 0.00	38.54 1.16 0.00	37.73 1.03 0.00	34.10 0.90 0.00	34.48 0.81 0.00	33.68 0.82 0.00	34.00 0.89 0.00	35.87 1.01 0.00	39.36 1.37 0.00	46.25 2.12 0.00	48.46 2.35 0.00	43.84 2.25 0.00	40.29 1.88 0.00	39.15 1.47 0.00	37.65 1.34 0.00	36.84 1.95 0.00
GARDENVILLE___LBMP 24039	31.31 -1.54 0.00	29.95 -1.15 0.00	29.65 -1.36 0.00	29.62 -1.76 0.00	30.45 -1.50 0.00	32.90 -1.77 0.00	38.72 -1.99 0.00	41.28 -4.13 0.01	38.76 -3.32 0.00	34.06 -3.33 0.00	33.13 -3.56 0.01	30.22 -2.99 0.00	30.91 -2.76 0.00	30.17 -2.69 0.00	30.30 -2.81 0.00	32.00 -2.86 0.00	34.27 -3.72 0.00	39.71 -4.37 0.05	41.08 -4.98 0.05	37.76 -3.83 0.01	34.98 -3.42 0.01	33.71 -3.92 0.05	32.58 -3.67 0.05	32.16 -2.72 0.00
GARDNVLA_35_KV_LD 355827	31.47 -1.38 0.00	30.11 -1.00 0.00	29.77 -1.24 0.00	29.77 -1.60 0.00	30.61 -1.34 0.00	33.07 -1.59 0.00	38.92 -1.79 0.00	41.46 -3.95 0.01	38.93 -3.16 0.00	34.24 -3.14 0.00	33.28 -3.41 0.01	30.38 -2.82 0.00	31.08 -2.59 0.00	30.30 -2.56 0.00	30.46 -2.65 0.00	32.17 -2.68 0.00	34.42 -3.57 0.00	39.93 -4.15 0.05	41.22 -4.84 0.05	37.93 -3.66 0.01	35.14 -3.26 0.01	33.86 -3.77 0.05	32.73 -3.52 0.05	32.30 -2.58 0.00
GELCKHM___115KV_LOAD 80723	32.06 -0.79 0.00	30.39 -0.72 0.00	30.23 -0.78 0.00	30.59 -0.78 0.00	31.22 -0.73 0.00	33.90 -0.76 0.00	40.06 -0.65 0.00	44.24 -1.18 -0.01	40.99 -1.09 0.00	36.19 -1.20 0.00	35.41 -1.28 0.01	32.11 -1.10 0.00	32.56 -1.11 0.00	31.75 -1.12 0.00	31.99 -1.13 0.00	33.71 -1.15 0.00	36.73 -1.25 0.00	42.87 -1.24 0.03	44.79 -1.29 0.03	40.52 -1.08 -0.01	37.38 -1.04 -0.01	36.41 -1.24 0.03	35.00 -1.27 0.03	33.73 -1.15 0.00
GENERAL___MILLS 23808	31.41 -1.45 0.00	30.05 -1.06 0.00	29.74 -1.27 0.00	29.71 -1.66 0.00	30.58 -1.37 0.00	33.00 -1.66 0.00	38.84 -1.87 0.00	41.37 -4.04 0.01	38.88 -3.20 0.00	34.17 -3.22 0.00	33.24 -3.45 0.01	30.32 -2.89 0.00	31.01 -2.66 0.00	30.27 -2.60 0.00	30.40 -2.72 0.00	32.11 -2.75 0.00	34.38 -3.61 0.00	39.84 -4.24 0.05	41.12 -4.93 0.05	37.84 -3.74 0.01	35.10 -3.30 0.01	33.79 -3.84 0.05	32.69 -3.56 0.05	32.27 -2.62 0.00
GE_PLASTICS___DRP 24183	33.44 0.59 0.00	31.63 0.53 0.00	31.57 0.56 0.00	31.97 0.60 0.00	32.53 0.58 0.00	35.29 0.62 0.00	41.65 0.94 0.00	46.69 1.27 0.00	43.30 1.22 0.00	38.13 0.75 0.00	37.47 0.77 0.00	33.90 0.70 0.00	34.35 0.67 0.00	33.55 0.69 0.00	33.84 0.73 0.00	35.63 0.77 0.00	39.01 1.03 0.00	45.46 1.32 0.00	47.54 1.43 0.00	42.89 1.29 0.00	39.52 1.11 0.00	38.59 0.90 0.00	37.14 0.83 0.00	35.69 0.80 0.00
GILBOA___1 23756	33.57 0.72 0.00	31.73 0.62 0.00	31.75 0.74 0.00	32.13 0.75 0.00	32.65 0.70 0.00	35.43 0.76 0.00	41.85 1.14 0.00	46.92 1.50 0.00	43.51 1.43 0.00	38.39 1.01 0.00	37.62 0.92 0.00	34.07 0.86 0.00	34.52 0.84 0.00	33.72 0.85 0.00	33.97 0.86 0.00	35.76 0.90 0.00	39.09 1.10 0.00	45.67 1.54 0.01	47.72 1.61 0.01	43.09 1.50 0.00	39.68 1.27 0.00	38.65 0.98 0.01	37.28 0.98 0.01	35.79 0.91 0.00
GILBOA___2 23757	33.57 0.72 0.00	31.73 0.62 0.00	31.75 0.74 0.00	32.13 0.75 0.00	32.65 0.70 0.00	35.43 0.76 0.00	41.85 1.14 0.00	46.92 1.50 0.00	43.51 1.43 0.00	38.39 1.01 0.00	37.62 0.92 0.00	34.07 0.86 0.00	34.52 0.84 0.00	33.72 0.85 0.00	33.97 0.86 0.00	35.76 0.90 0.00	39.09 1.10 0.00	45.67 1.54 0.01	47.72 1.61 0.01	43.09 1.50 0.00	39.68 1.27 0.00	38.65 0.98 0.01	37.28 0.98 0.01	35.79 0.91 0.00
GILBOA___3 23758	33.57 0.72 0.00	31.73 0.62 0.00	31.75 0.74 0.00	32.13 0.75 0.00	32.65 0.70 0.00	35.43 0.76 0.00	41.85 1.14 0.00	46.92 1.50 0.00	43.51 1.43 0.00	38.39 1.01 0.00	37.62 0.92 0.00	34.07 0.86 0.00	34.52 0.84 0.00	33.72 0.85 0.00	33.97 0.86 0.00	35.76 0.90 0.00	39.09 1.10 0.00	45.67 1.54 0.01	47.72 1.61 0.01	43.09 1.50 0.00	39.68 1.27 0.00	38.65 0.98 0.01	37.28 0.98 0.01	35.79 0.91 0.00

GILBOA___4 23759	33.57 0.72 0.00	31.73 0.62 0.00	31.75 0.74 0.00	32.13 0.75 0.00	32.65 0.70 0.00	35.43 0.76 0.00	41.85 1.14 0.00	46.92 1.50 0.00	43.51 1.43 0.00	38.39 1.01 0.00	37.62 0.92 0.00	34.07 0.86 0.00	34.52 0.84 0.00	33.72 0.85 0.00	33.97 0.86 0.00	35.76 0.90 0.00	39.09 1.10 0.00	45.67 1.54 0.01	47.72 1.61 0.01	43.09 1.50 0.00	39.68 1.27 0.00	38.65 0.98 0.01	37.28 0.98 0.01	35.79 0.91 0.00
GILBOA____ 23599	33.57 0.72 0.00	31.73 0.62 0.00	31.75 0.74 0.00	32.16 0.78 0.00	32.65 0.70 0.00	35.43 0.76 0.00	41.85 1.14 0.00	46.92 1.50 0.00	43.51 1.43 0.00	38.39 1.01 0.00	37.66 0.95 0.00	34.07 0.86 0.00	34.52 0.84 0.00	33.72 0.85 0.00	33.97 0.86 0.00	35.77 0.91 0.00	39.13 1.14 0.00	45.67 1.54 0.01	47.72 1.61 0.01	43.09 1.50 0.00	39.72 1.31 0.00	38.69 1.02 0.01	37.28 0.98 0.01	35.79 0.91 0.00
GINNA____ 23603	30.22 -2.63 0.00	28.71 -2.39 0.00	28.53 -2.48 0.00	28.74 -2.64 0.00	29.39 -2.56 0.00	31.93 -2.74 0.00	37.78 -2.93 0.00	41.39 -4.00 0.03	38.50 -3.58 0.00	33.83 -3.55 0.00	32.87 -3.82 0.01	29.92 -3.29 0.00	30.41 -3.27 0.00	29.64 -3.22 0.00	29.93 -3.18 0.00	31.51 -3.35 0.00	34.15 -3.84 0.00	39.84 -4.24 0.05	41.77 -4.29 0.05	37.74 -3.83 0.03	34.77 -3.61 0.02	33.78 -3.84 0.05	32.47 -3.78 0.05	31.57 -3.31 0.00
GLEN PARK____ 23778	32.88 0.03 0.00	31.20 0.09 0.00	31.07 0.06 0.00	31.41 0.03 0.00	32.08 0.13 0.00	34.98 0.31 0.00	41.61 0.89 0.00	46.14 0.72 0.00	42.25 0.17 0.00	37.12 -0.26 0.00	36.04 -0.66 0.00	32.57 -0.63 0.00	33.00 -0.67 0.00	32.21 -0.66 0.00	32.45 -0.66 0.00	34.37 -0.49 0.00	37.87 -0.11 0.00	44.70 0.57 0.00	46.71 0.60 0.00	42.10 0.50 0.00	38.76 0.34 0.00	37.76 0.08 0.00	36.30 0.00 0.00	34.85 -0.03 0.00
GLENDALE_27_KV_LOAD 356172	34.39 1.54 0.00	32.41 1.31 0.00	32.28 1.27 0.00	32.69 1.32 0.00	33.45 1.50 0.00	36.30 1.63 0.00	43.24 2.52 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.19 2.80 0.00	39.38 2.68 0.00	37.56 2.42 -1.93	37.53 2.42 -1.43	37.55 2.40 -2.29	37.27 2.42 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.06 3.93 0.00	50.28 4.15 -0.02	45.34 3.74 0.00	41.64 3.23 0.00	40.39 2.71 0.00	38.95 2.65 0.00	37.12 2.23 0.00
GLENWOOD_IC_1_G5 23712	43.55 2.10 -8.60	39.66 1.87 -6.69	39.69 1.86 -6.82	38.78 1.91 -5.49	39.73 2.04 -5.73	44.32 2.22 -7.44	54.30 2.85 -10.74	56.95 3.68 -7.86	53.56 3.62 -7.85	44.39 3.10 -3.90	43.80 2.97 -4.13	41.73 2.76 -5.77	39.30 2.73 -2.90	39.73 2.69 -4.17	42.74 2.72 -6.92	46.21 2.79 -8.56	53.56 3.00 -12.58	68.10 3.93 -20.04	65.61 4.10 -15.40	55.27 3.66 -10.01	54.27 3.23 -12.63	52.45 2.71 -12.06	46.02 2.90 -6.81	45.74 2.62 -8.24
GLENWOOD_IC_2_G1 23688	43.49 2.04 -8.60	39.59 1.80 -6.69	39.59 1.77 -6.82	38.69 1.82 -5.49	39.66 1.98 -5.73	44.25 2.15 -7.44	54.39 2.93 -10.74	57.09 3.82 -7.86	53.64 3.70 -7.85	44.27 2.99 -3.90	43.73 2.90 -4.13	41.64 2.66 -5.77	39.23 2.66 -2.90	39.67 2.63 -4.17	42.64 2.62 -6.92	46.14 2.72 -8.56	53.64 3.08 -12.58	68.23 4.06 -20.04	65.75 4.24 -15.40	55.39 3.78 -10.01	54.34 3.30 -12.63	52.53 2.79 -12.06	45.91 2.80 -6.81	45.67 2.55 -8.24
GLENWOOD_IC_3_G1 23689	43.49 2.04 -8.60	39.59 1.80 -6.69	39.59 1.77 -6.82	38.69 1.82 -5.49	39.66 1.98 -5.73	44.25 2.15 -7.44	54.39 2.93 -10.74	57.09 3.82 -7.86	53.64 3.70 -7.85	44.27 2.99 -3.90	43.73 2.90 -4.13	41.64 2.66 -5.77	39.23 2.66 -2.90	39.67 2.63 -4.17	42.64 2.62 -6.92	46.14 2.72 -8.56	53.64 3.08 -12.58	68.23 4.06 -20.04	65.75 4.24 -15.40	55.39 3.78 -10.01	54.34 3.30 -12.63	52.53 2.79 -12.06	45.91 2.80 -6.81	45.67 2.55 -8.24
GLENWOOD___4 23550	43.55 2.10 -8.60	39.66 1.87 -6.69	39.69 1.86 -6.82	38.78 1.91 -5.49	39.73 2.04 -5.73	44.32 2.22 -7.44	54.38 2.93 -10.74	57.09 3.82 -7.86	53.64 3.70 -7.85	44.39 3.10 -3.90	43.80 2.97 -4.13	41.73 2.76 -5.77	39.30 2.73 -2.90	39.73 2.69 -4.17	42.74 2.72 -6.92	46.21 2.79 -8.56	53.68 3.12 -12.58	68.23 4.06 -20.04	65.71 4.20 -15.40	55.39 3.79 -10.01	54.34 3.30 -12.63	52.57 2.83 -12.06	46.02 2.90 -6.81	45.74 2.62 -8.24
GLENWOOD___5 23614	43.55 2.10 -8.60	39.66 1.87 -6.69	39.69 1.86 -6.82	38.78 1.91 -5.49	39.73 2.04 -5.73	44.32 2.22 -7.44	54.38 2.93 -10.74	57.09 3.82 -7.86	53.64 3.70 -7.85	44.39 3.10 -3.90	43.80 2.97 -4.13	41.73 2.76 -5.77	39.30 2.73 -2.90	39.73 2.69 -4.17	42.74 2.72 -6.92	46.21 2.79 -8.56	53.68 3.12 -12.58	68.23 4.06 -20.04	65.71 4.20 -15.40	55.39 3.79 -10.01	54.34 3.30 -12.63	52.57 2.83 -12.06	46.02 2.90 -6.81	45.74 2.62 -8.24
GLOBAL GREEN_PORT_GT1 23814	45.06 3.61 -8.60	40.97 3.17 -6.69	41.02 3.19 -6.82	40.10 3.23 -5.49	41.10 3.42 -5.73	46.09 3.98 -7.44	57.15 5.70 -10.74	59.63 6.36 -7.86	56.13 6.19 -7.86	46.07 4.79 -3.90	45.34 4.51 -4.13	42.99 4.02 -5.77	40.51 3.94 -2.90	40.91 3.88 -4.17	43.93 3.91 -6.92	47.50 4.08 -8.56	55.77 5.20 -12.58	71.19 7.02 -20.04	68.94 7.43 -15.41	58.14 6.53 -10.01	56.88 5.84 -12.63	54.64 4.90 -12.06	47.54 4.43 -6.81	47.34 4.22 -8.24
GLOBE___DSASP 323697	29.96 -2.89 0.00	28.71 -2.40 0.00	28.41 -2.60 0.00	28.33 -3.04 0.00	29.11 -2.84 0.00	31.44 -3.22 0.00	36.81 -3.91 0.00	39.41 -6.00 0.01	36.91 -5.18 0.00	32.52 -4.86 0.00	31.62 -5.07 0.01	28.89 -4.32 0.00	29.57 -4.11 0.00	28.85 -4.01 0.00	28.97 -4.14 0.00	30.61 -4.25 0.00	32.71 -5.28 0.00	37.99 -6.09 0.05	39.56 -6.50 0.05	36.05 -5.53 0.01	33.37 -5.03 0.01	32.24 -5.39 0.05	31.24 -5.01 0.05	30.73 -4.15 0.00
GOETHSLN___LBMP 323567	34.07 1.22 0.00	32.13 1.03 0.00	32.00 0.99 0.00	32.41 1.04 0.00	33.17 1.21 0.00	35.98 1.32 0.00	40.40 2.04 2.35	42.37 2.91 5.95	42.05 2.95 2.97	39.74 2.36 0.00	39.02 2.31 0.00	37.24 2.13 -1.91	37.22 2.12 -1.42	37.23 2.10 -2.26	36.95 2.12 -1.72	37.53 2.20 -0.48	40.53 2.55 0.00	42.08 3.31 5.37	42.56 3.41 6.96	41.59 3.08 3.09	41.10 2.69 0.00	39.87 2.19 0.00	38.48 2.18 0.00	36.73 1.85 0.00
GOLAH___69_KV_TB 1_2 80279	31.57 -1.28 0.00	30.05 -1.06 0.00	29.83 -1.18 0.00	29.96 -1.41 0.00	30.74 -1.21 0.00	33.28 -1.39 0.00	39.21 -1.51 0.00	42.63 -2.77 0.02	39.73 -2.36 0.00	34.88 -2.50 0.00	33.86 -2.83 0.02	30.81 -2.39 0.00	31.39 -2.29 0.00	30.56 -2.30 0.00	30.79 -2.32 0.00	32.45 -2.41 0.00	35.02 -2.96 0.00	40.94 -3.13 0.05	42.97 -3.09 0.05	38.75 -2.83 0.02	35.75 -2.65 0.01	34.61 -3.01 0.05	33.45 -2.80 0.05	32.55 -2.34 0.00
GOODYEAR_LAKE_HYD 323669	34.36 1.51 0.00	32.54 1.43 0.00	32.44 1.43 0.00	32.82 1.44 0.00	33.52 1.57 0.00	36.43 1.77 0.00	43.32 2.61 0.00	48.33 2.91 -0.01	44.69 2.61 0.00	39.29 1.91 0.00	38.28 1.58 0.00	34.67 1.46 0.00	35.12 1.45 0.00	34.28 1.41 0.00	34.53 1.42 0.00	36.39 1.53 0.00	39.93 1.94 0.00	46.86 2.74 0.01	48.91 2.81 0.01	44.22 2.62 -0.01	40.72 2.30 0.00	39.59 1.92 0.01	38.07 1.78 0.01	36.56 1.67 0.00

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GOWANUS_GT2_5 24118	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT2_6 24119	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT2_7 24120	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT2_8 24121	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT3_1 24122	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT3_2 24123	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT3_3 24124	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT3_4 24125	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT3_5 24126	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT3_6 24127	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT3_7 24128	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT3_8 24129	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT4_1 24130	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT4_2 24131	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT4_3 24132	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00

GOWANUS_GT4_4 24133	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT4_5 24134	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT4_6 24135	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT4_7 24136	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GOWANUS_GT4_8 24137	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GREENBSH_115KV_TB3 55895	33.31 0.46 0.00	31.51 0.40 0.00	31.44 0.43 0.00	31.85 0.47 0.00	32.40 0.45 0.00	35.15 0.49 0.00	41.49 0.77 0.00	46.51 1.09 0.00	43.09 1.01 0.00	37.95 0.56 0.00	37.33 0.62 0.00	33.77 0.56 0.00	34.21 0.54 0.00	33.42 0.56 0.00	33.71 0.60 0.00	35.49 0.63 0.00	38.86 0.87 0.00	45.28 1.15 0.00	47.35 1.24 0.00	42.76 1.16 0.00	39.37 0.96 0.00	38.47 0.79 0.00	36.99 0.69 0.00	35.51 0.63 0.00
GREENDGE_115KV_TB5 80291	33.05 0.20 0.00	31.32 0.22 0.00	31.13 0.12 0.00	31.44 0.06 0.00	32.21 0.26 0.00	35.01 0.35 0.00	41.45 0.73 0.00	45.63 0.14 -0.08	42.08 0.00 0.00	37.05 -0.34 0.00	36.25 -0.44 0.01	32.84 -0.37 0.00	33.34 -0.34 0.00	32.44 -0.43 0.00	32.71 -0.40 0.00	34.51 -0.35 0.00	37.61 -0.38 0.00	43.79 -0.31 0.03	45.57 -0.51 0.03	41.55 -0.12 -0.08	38.44 -0.04 -0.06	37.35 -0.30 0.03	35.76 -0.51 0.03	34.68 -0.21 0.00
GREENIDGE___3 23582	33.05 0.20 0.00	31.32 0.22 0.00	31.13 0.12 0.00	31.44 0.06 0.00	32.21 0.26 0.00	35.01 0.35 0.00	41.45 0.73 0.00	45.63 0.14 -0.08	42.08 0.00 0.00	37.05 -0.34 0.00	36.25 -0.44 0.01	32.84 -0.37 0.00	33.34 -0.34 0.00	32.44 -0.43 0.00	32.71 -0.40 0.00	34.51 -0.35 0.00	37.61 -0.38 0.00	43.79 -0.31 0.03	45.57 -0.51 0.03	41.55 -0.12 -0.08	38.44 -0.04 -0.06	37.35 -0.30 0.03	35.76 -0.51 0.03	34.68 -0.21 0.00
GREENIDGE___4 23583	33.05 0.20 0.00	31.32 0.22 0.00	31.13 0.12 0.00	31.47 0.09 0.00	32.21 0.25 0.00	35.05 0.38 0.00	41.49 0.77 0.00	45.68 0.18 -0.08	42.12 0.04 0.00	37.16 -0.22 0.00	36.18 -0.51 0.01	32.87 -0.33 0.00	33.34 -0.34 0.00	32.43 -0.43 0.00	32.78 -0.33 0.00	34.54 -0.31 0.00	37.68 -0.31 0.00	43.79 -0.31 0.03	45.71 -0.37 0.03	41.59 -0.08 -0.08	38.36 -0.11 -0.06	37.31 -0.34 0.03	35.80 -0.47 0.03	34.75 -0.14 0.00
GREENLWN_69_KV_BK 3 55738	43.42 1.97 -8.60	39.53 1.74 -6.69	39.56 1.74 -6.82	38.66 1.79 -5.49	39.60 1.92 -5.73	44.08 1.98 -7.44	54.10 2.65 -10.74	56.77 3.50 -7.86	53.35 3.41 -7.86	44.16 2.88 -3.90	43.62 2.79 -4.13	41.54 2.56 -5.77	39.13 2.56 -2.90	39.57 2.53 -4.17	42.58 2.55 -6.92	46.07 2.65 -8.56	53.64 3.08 -12.58	67.97 3.80 -20.04	65.48 3.97 -15.41	55.23 3.62 -10.01	54.27 3.23 -12.63	52.61 2.86 -12.06	45.87 2.76 -6.81	45.60 2.48 -8.24
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
GRISSOM___SOLAR 323813	36.50 3.65 0.00	34.50 3.39 0.00	34.39 3.38 0.00	34.86 3.48 0.00	35.50 3.55 0.00	38.79 4.12 0.00	46.46 5.74 0.00	51.73 6.31 0.00	47.43 5.34 0.00	41.16 3.77 0.00	40.01 3.30 0.00	36.09 2.89 0.00	36.57 2.90 0.00	35.76 2.89 0.00	36.12 3.01 0.00	38.42 3.56 0.00	42.32 4.33 0.00	50.05 5.92 0.00	52.48 6.37 0.00	47.63 6.03 0.00	43.79 5.38 0.00	42.43 4.75 0.00	40.69 4.39 0.00	39.00 4.11 0.00
GROVEVILLE___HYD 323602	34.39 1.54 0.00	32.51 1.40 0.00	32.37 1.36 0.00	32.82 1.44 0.00	33.42 1.47 0.00	36.23 1.56 0.00	43.08 2.36 0.00	48.51 3.09 0.00	45.07 2.99 0.00	39.52 2.13 0.00	38.72 2.02 0.00	35.00 1.79 0.00	35.39 1.72 0.00	34.60 1.74 0.00	34.87 1.75 0.00	36.67 1.81 0.00	40.27 2.28 0.00	47.31 3.18 0.00	49.43 3.32 0.00	44.55 2.95 0.00	41.02 2.61 0.00	39.87 2.19 0.00	38.41 2.11 0.00	36.77 1.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.33 -0.53 0.00	30.61 -0.50 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.44 -0.51 0.00	34.15 -0.52 0.00	40.43 -0.28 0.00	44.70 -0.73 -0.01	41.37 -0.72 0.00	36.52 -0.86 0.00	35.71 -0.99 0.01	32.37 -0.83 0.00	32.83 -0.84 0.00	32.01 -0.85 0.00	32.25 -0.86 0.00	33.95 -0.91 0.00	37.08 -0.91 0.00	43.28 -0.84 0.02	45.21 -0.88 0.02	40.90 -0.71 -0.01	37.73 -0.69 -0.01	36.76 -0.90 0.02	35.30 -0.98 0.02	34.01 -0.87 0.00
HAMLTNNY_34_KV_TB 80303	32.36 -0.49 0.00	30.64 -0.47 0.00	30.51 -0.50 0.00	30.84 -0.53 0.00	31.47 -0.48 0.00	34.22 -0.45 0.00	40.51 -0.20 0.00	44.75 -0.68 -0.01	41.45 -0.63 0.00	36.56 -0.82 0.00	35.74 -0.95 0.00	32.41 -0.80 0.00	32.87 -0.81 0.00	32.01 -0.85 0.00	32.28 -0.83 0.00	34.02 -0.84 0.00	37.08 -0.91 0.00	43.32 -0.79 0.02	45.26 -0.83 0.02	40.95 -0.67 -0.01	37.81 -0.61 -0.01	36.76 -0.90 0.02	35.30 -0.98 0.02	34.01 -0.87 0.00

HAMPSHIRE___PAPER_HYD 323593	32.65 -0.20 0.00	31.07 -0.03 0.00	30.98 -0.03 0.00	31.34 -0.03 0.00	31.82 -0.13 0.00	34.53 -0.14 0.00	40.51 -0.20 0.00	45.10 -0.32 0.00	41.45 -0.63 0.00	36.97 -0.41 0.00	36.15 -0.55 0.00	32.51 -0.70 0.00	33.00 -0.67 0.00	32.17 -0.69 0.00	32.41 -0.70 0.00	34.20 -0.66 0.00	37.49 -0.49 0.00	43.65 -0.48 0.00	45.60 -0.51 0.00	41.01 -0.58 0.00	37.87 -0.54 0.00	37.23 -0.45 0.00	35.94 -0.36 0.00	34.57 -0.31 0.00
HARDSCRABBLE_WT_PWR 323673	33.31 0.46 0.00	31.51 0.40 0.00	31.41 0.40 0.00	31.75 0.38 0.00	32.37 0.41 0.00	35.12 0.45 0.00	41.41 0.69 0.00	46.28 0.86 0.00	42.88 0.80 0.00	37.98 0.60 0.00	37.26 0.55 0.00	33.73 0.53 0.00	34.18 0.51 0.00	33.36 0.49 0.00	33.54 0.43 0.00	35.31 0.45 0.00	38.48 0.49 0.00	44.80 0.66 0.00	46.67 0.56 0.00	42.10 0.50 0.00	38.87 0.46 0.00	38.17 0.49 0.00	36.81 0.51 0.00	35.41 0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.13 1.28 0.00	32.23 1.12 0.00	32.10 1.09 0.00	32.54 1.16 0.00	33.20 1.25 0.00	35.98 1.32 0.00	42.79 2.08 0.00	48.14 2.73 0.00	44.73 2.65 0.00	39.29 1.91 0.00	38.54 1.84 0.00	34.83 1.63 0.00	35.29 1.62 0.00	34.47 1.61 0.00	34.73 1.62 0.00	36.53 1.67 0.00	40.12 2.13 0.00	47.05 2.91 0.00	49.15 3.04 0.00	44.34 2.75 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.19 1.89 0.00	36.52 1.64 0.00
HARSNRAD_115KV_TB1 81005	30.75 -2.10 0.00	29.43 -1.68 0.00	29.12 -1.89 0.00	29.08 -2.29 0.00	29.87 -2.08 0.00	32.31 -2.36 0.00	37.86 -2.85 0.00	40.50 -4.91 0.01	37.83 -4.25 0.00	33.27 -4.11 0.00	32.36 -4.33 0.01	29.55 -3.65 0.00	30.21 -3.47 0.00	29.48 -3.38 0.00	29.63 -3.48 0.00	31.30 -3.56 0.00	33.43 -4.56 0.00	38.87 -5.21 0.05	40.48 -5.58 0.05	36.93 -4.66 0.01	34.14 -4.26 0.01	32.96 -4.67 0.05	31.93 -4.32 0.05	31.43 -3.45 0.00
HARZA MOOSE___RIVER 24016	33.38 0.53 0.00	31.63 0.53 0.00	31.54 0.53 0.00	31.91 0.53 0.00	32.56 0.61 0.00	35.43 0.76 0.00	41.94 1.22 0.00	46.78 1.36 0.00	43.09 1.01 0.00	38.02 0.64 0.00	37.07 0.37 0.00	33.50 0.30 0.00	33.98 0.30 0.00	33.13 0.26 0.00	33.38 0.26 0.00	35.24 0.38 0.00	38.67 0.68 0.00	45.32 1.19 0.01	47.30 1.20 0.01	42.68 1.08 0.00	39.33 0.92 0.00	38.39 0.72 0.01	36.95 0.65 0.01	35.48 0.59 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.03 -0.82 0.00	30.36 -0.75 0.00	30.23 -0.78 0.00	30.56 -0.82 0.00	31.18 -0.77 0.00	33.87 -0.80 0.00	40.06 -0.65 0.00	44.24 -1.18 0.00	40.99 -1.09 0.00	36.15 -1.23 0.00	35.37 -1.32 0.01	32.08 -1.13 0.00	32.53 -1.14 0.00	31.71 -1.15 0.00	31.95 -1.16 0.00	33.67 -1.19 0.00	36.70 -1.29 0.00	42.82 -1.28 0.03	44.74 -1.34 0.03	40.47 -1.12 0.00	37.33 -1.08 0.00	36.37 -1.28 0.03	34.96 -1.31 0.03	33.66 -1.22 0.00
HELLGATE_13_KV_LD 55870	34.26 1.41 0.00	32.26 1.15 0.00	32.06 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.33 2.19 -1.93	37.26 2.16 -1.43	37.32 2.17 -2.29	37.03 2.19 -1.74	37.61 2.27 -0.48	40.76 2.77 0.00	47.75 3.62 0.00	49.95 3.83 -0.01	45.01 3.41 0.00	41.37 2.96 0.00	40.17 2.49 0.00	38.73 2.43 0.00	36.91 2.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.26 1.41 0.00	32.26 1.15 0.00	32.06 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.13 2.42 0.00	37.33 2.19 -1.93	37.26 2.16 -1.43	37.32 2.17 -2.29	37.03 2.19 -1.74	37.61 2.27 -0.48	40.76 2.77 0.00	47.75 3.62 0.00	49.95 3.83 -0.01	45.01 3.41 0.00	41.37 2.96 0.00	40.17 2.49 0.00	38.73 2.43 0.00	36.91 2.02 0.00
HEMPSTEAD____ 23647	43.49 2.04 -8.60	39.59 1.80 -6.69	39.59 1.77 -6.82	38.69 1.82 -5.49	39.66 1.98 -5.73	44.25 2.15 -7.44	54.47 3.01 -10.74	57.13 3.86 -7.86	53.68 3.74 -7.86	44.31 3.03 -3.90	43.73 2.90 -4.13	41.64 2.66 -5.77	39.20 2.63 -2.90	39.67 2.63 -4.17	42.64 2.62 -6.92	46.14 2.72 -8.56	53.68 3.12 -12.58	68.23 4.06 -20.04	65.75 4.24 -15.40	55.39 3.78 -10.01	54.34 3.30 -12.63	52.57 2.83 -12.06	45.91 2.80 -6.81	45.67 2.55 -8.24
HEWLETT_69_KV_BK3 55828	43.58 2.14 -8.60	39.72 1.93 -6.69	39.72 1.89 -6.82	38.81 1.95 -5.49	39.79 2.11 -5.73	44.32 2.22 -7.44	54.47 3.01 -10.74	57.14 3.86 -7.86	53.68 3.75 -7.85	44.35 3.07 -3.90	43.84 3.01 -4.13	41.77 2.79 -5.77	39.34 2.76 -2.90	39.80 2.76 -4.17	42.78 2.75 -6.92	46.24 2.82 -8.56	53.72 3.15 -12.58	68.32 4.15 -20.04	65.80 4.29 -15.40	55.47 3.87 -10.01	54.46 3.42 -12.63	52.60 2.86 -12.06	46.05 2.94 -6.81	45.78 2.65 -8.24
HICKLING___1 23621	33.25 0.39 0.00	31.51 0.40 0.00	31.32 0.31 0.00	31.63 0.25 0.00	32.40 0.45 0.00	35.12 0.45 0.00	41.81 1.10 0.00	45.76 0.32 -0.02	42.29 0.21 0.00	37.16 -0.22 0.00	36.26 -0.44 0.01	32.91 -0.30 0.00	33.41 -0.27 0.00	32.53 -0.33 0.00	32.81 -0.30 0.00	34.55 -0.31 0.00	37.65 -0.34 0.00	43.88 -0.22 0.03	45.44 -0.65 0.03	41.58 -0.04 -0.02	38.55 0.12 -0.02	37.24 -0.41 0.03	35.69 -0.58 0.03	34.78 -0.10 0.00
HICKLING___2 23622	33.25 0.39 0.00	31.51 0.40 0.00	31.32 0.31 0.00	31.63 0.25 0.00	32.40 0.45 0.00	35.12 0.45 0.00	41.81 1.10 0.00	45.76 0.32 -0.02	42.29 0.21 0.00	37.16 -0.22 0.00	36.26 -0.44 0.01	32.91 -0.30 0.00	33.41 -0.27 0.00	32.53 -0.33 0.00	32.81 -0.30 0.00	34.55 -0.31 0.00	37.65 -0.34 0.00	43.88 -0.22 0.03	45.44 -0.65 0.03	41.58 -0.04 -0.02	38.55 0.12 -0.02	37.24 -0.41 0.03	35.69 -0.58 0.03	34.78 -0.10 0.00
HIGH FALLS___HY 23754	34.30 1.45 0.00	32.38 1.28 0.00	32.28 1.27 0.00	32.72 1.35 0.00	33.33 1.37 0.00	36.12 1.46 0.00	43.08 2.36 0.00	48.42 3.00 0.00	44.99 2.90 0.00	39.37 1.98 0.00	38.54 1.84 0.00	34.83 1.63 0.00	34.99 1.31 0.00	34.21 1.35 0.00	34.47 1.36 0.00	36.25 1.39 0.00	39.89 1.90 0.00	46.96 2.82 0.00	49.06 2.95 0.00	44.22 2.62 0.00	40.98 2.57 0.00	39.75 2.07 0.00	38.33 2.03 0.00	36.63 1.74 0.00
HILLBURN___GT 23639	34.13 1.28 0.00	32.19 1.09 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.20 1.24 0.00	35.98 1.32 0.00	42.75 2.03 0.00	48.19 2.77 0.00	44.78 2.70 0.00	39.44 2.05 0.00	38.68 1.98 0.00	35.00 1.79 0.00	35.46 1.78 0.00	34.64 1.77 0.00	34.86 1.75 0.00	36.67 1.81 0.00	40.19 2.20 0.00	47.18 3.04 0.00	49.29 3.18 0.00	44.43 2.83 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.26 1.96 0.00	36.59 1.71 0.00
HILLSIDE_115KV_TB1 80332	32.75 -0.10 0.00	31.04 -0.06 0.00	30.86 -0.16 0.00	31.16 -0.22 0.00	31.92 -0.03 0.00	34.56 -0.10 0.00	41.04 0.33 0.00	44.94 -0.50 -0.02	41.58 -0.50 0.00	36.56 -0.82 0.00	35.71 -0.99 0.01	32.37 -0.83 0.00	32.90 -0.77 0.00	32.07 -0.79 0.00	32.32 -0.79 0.00	34.02 -0.84 0.00	37.08 -0.91 0.00	43.14 -0.97 0.03	44.70 -1.38 0.03	40.87 -0.75 -0.02	37.89 -0.54 -0.02	36.64 -1.02 0.03	35.15 -1.13 0.03	34.26 -0.63 0.00

HISHELDN_WT_PWR 323625	31.14 -1.71 0.00	29.80 -1.31 0.00	29.49 -1.52 0.00	29.55 -1.82 0.00	30.29 -1.66 0.00	32.76 -1.91 0.00	38.56 -2.16 0.00	41.19 -4.22 0.01	38.59 -3.49 0.00	33.83 -3.55 0.00	32.80 -3.89 0.01	30.05 -3.16 0.00	30.75 -2.93 0.00	30.00 -2.86 0.00	30.30 -2.81 0.00	31.86 -3.00 0.00	34.04 -3.95 0.00	39.49 -4.59 0.05	41.12 -4.93 0.05	37.59 -3.99 0.01	34.68 -3.73 0.01	33.45 -4.18 0.05	32.47 -3.78 0.05	32.16 -2.72 0.00
HOLTSVILLE_IC_1 23690	44.21 2.76 -8.60	40.25 2.46 -6.69	40.25 2.42 -6.82	39.35 2.48 -5.49	40.37 2.68 -5.73	45.16 3.05 -7.44	55.77 4.31 -10.74	58.32 5.04 -7.86	54.86 4.92 -7.86	45.10 3.82 -3.90	44.43 3.60 -4.13	42.17 3.19 -5.77	39.74 3.16 -2.90	40.16 3.12 -4.17	43.18 3.15 -6.92	46.73 3.31 -8.56	54.74 4.18 -12.58	69.78 5.61 -20.04	67.37 5.86 -15.41	56.81 5.20 -10.01	55.61 4.57 -12.63	53.59 3.85 -12.06	46.63 3.52 -6.81	46.37 3.24 -8.24
HOLTSVILLE_IC_10 23699	44.37 2.92 -8.60	40.37 2.58 -6.69	40.40 2.57 -6.82	39.47 2.60 -5.49	40.50 2.81 -5.73	45.33 3.22 -7.44	56.05 4.60 -10.74	58.54 5.27 -7.86	55.12 5.17 -7.86	45.28 4.00 -3.90	44.61 3.78 -4.13	42.33 3.35 -5.77	39.88 3.30 -2.90	40.29 3.25 -4.17	43.34 3.31 -6.92	46.90 3.49 -8.56	54.97 4.40 -12.58	70.04 5.87 -20.04	67.70 6.18 -15.41	57.10 5.49 -10.01	55.88 4.84 -12.63	53.82 4.07 -12.06	46.78 3.66 -6.81	46.51 3.38 -8.24
HOLTSVILLE_IC_2 23691	44.21 2.76 -8.60	40.25 2.46 -6.69	40.25 2.42 -6.82	39.35 2.48 -5.49	40.37 2.68 -5.73	45.16 3.05 -7.44	55.77 4.31 -10.74	58.32 5.04 -7.86	54.86 4.92 -7.86	45.10 3.82 -3.90	44.43 3.60 -4.13	42.17 3.19 -5.77	39.74 3.16 -2.90	40.16 3.12 -4.17	43.18 3.15 -6.92	46.73 3.31 -8.56	54.74 4.18 -12.58	69.78 5.61 -20.04	67.37 5.86 -15.41	56.81 5.20 -10.01	55.61 4.57 -12.63	53.59 3.85 -12.06	46.63 3.52 -6.81	46.37 3.24 -8.24
HOLTSVILLE_IC_3 23692	44.21 2.76 -8.60	40.25 2.46 -6.69	40.25 2.42 -6.82	39.35 2.48 -5.49	40.37 2.68 -5.73	45.16 3.05 -7.44	55.77 4.31 -10.74	58.32 5.04 -7.86	54.86 4.92 -7.86	45.10 3.82 -3.90	44.43 3.60 -4.13	42.17 3.19 -5.77	39.74 3.16 -2.90	40.16 3.12 -4.17	43.18 3.15 -6.92	46.73 3.31 -8.56	54.74 4.18 -12.58	69.78 5.61 -20.04	67.37 5.86 -15.41	56.81 5.20 -10.01	55.61 4.57 -12.63	53.59 3.85 -12.06	46.63 3.52 -6.81	46.37 3.24 -8.24
HOLTSVILLE_IC_4 23693	44.21 2.76 -8.60	40.25 2.46 -6.69	40.25 2.42 -6.82	39.35 2.48 -5.49	40.37 2.68 -5.73	45.16 3.05 -7.44	55.77 4.31 -10.74	58.32 5.04 -7.86	54.86 4.92 -7.86	45.10 3.82 -3.90	44.43 3.60 -4.13	42.17 3.19 -5.77	39.74 3.16 -2.90	40.16 3.12 -4.17	43.18 3.15 -6.92	46.73 3.31 -8.56	54.74 4.18 -12.58	69.78 5.61 -20.04	67.37 5.86 -15.41	56.81 5.20 -10.01	55.61 4.57 -12.63	53.59 3.85 -12.06	46.63 3.52 -6.81	46.37 3.24 -8.24
HOLTSVILLE_IC_5 23694	44.21 2.76 -8.60	40.25 2.46 -6.69	40.25 2.42 -6.82	39.35 2.48 -5.49	40.37 2.68 -5.73	45.16 3.05 -7.44	55.77 4.31 -10.74	58.32 5.04 -7.86	54.86 4.92 -7.86	45.10 3.82 -3.90	44.43 3.60 -4.13	42.17 3.19 -5.77	39.74 3.16 -2.90	40.16 3.12 -4.17	43.18 3.15 -6.92	46.73 3.31 -8.56	54.74 4.18 -12.58	69.78 5.61 -20.04	67.37 5.86 -15.41	56.81 5.20 -10.01	55.61 4.57 -12.63	53.59 3.85 -12.06	46.63 3.52 -6.81	46.37 3.24 -8.24
HOLTSVILLE_IC_6 23695	44.37 2.92 -8.60	40.37 2.58 -6.69	40.40 2.57 -6.82	39.47 2.60 -5.49	40.50 2.81 -5.73	45.33 3.22 -7.44	56.05 4.60 -10.74	58.54 5.27 -7.86	55.12 5.17 -7.86	45.28 4.00 -3.90	44.61 3.78 -4.13	42.33 3.35 -5.77	39.88 3.30 -2.90	40.29 3.25 -4.17	43.34 3.31 -6.92	46.90 3.49 -8.56	54.97 4.40 -12.58	70.04 5.87 -20.04	67.70 6.18 -15.41	57.10 5.49 -10.01	55.88 4.84 -12.63	53.82 4.07 -12.06	46.78 3.66 -6.81	46.51 3.38 -8.24
HOLTSVILLE_IC_7 23696	44.37 2.92 -8.60	40.37 2.58 -6.69	40.40 2.57 -6.82	39.47 2.60 -5.49	40.50 2.81 -5.73	45.33 3.22 -7.44	56.05 4.60 -10.74	58.54 5.27 -7.86	55.12 5.17 -7.86	45.28 4.00 -3.90	44.61 3.78 -4.13	42.33 3.35 -5.77	39.88 3.30 -2.90	40.29 3.25 -4.17	43.34 3.31 -6.92	46.90 3.49 -8.56	54.97 4.40 -12.58	70.04 5.87 -20.04	67.70 6.18 -15.41	57.10 5.49 -10.01	55.88 4.84 -12.63	53.82 4.07 -12.06	46.78 3.66 -6.81	46.51 3.38 -8.24
HOLTSVILLE_IC_8 23697	44.37 2.92 -8.60	40.37 2.58 -6.69	40.40 2.57 -6.82	39.47 2.60 -5.49	40.50 2.81 -5.73	45.33 3.22 -7.44	56.05 4.60 -10.74	58.54 5.27 -7.86	55.12 5.17 -7.86	45.28 4.00 -3.90	44.61 3.78 -4.13	42.33 3.35 -5.77	39.88 3.30 -2.90	40.29 3.25 -4.17	43.34 3.31 -6.92	46.90 3.49 -8.56	54.97 4.40 -12.58	70.04 5.87 -20.04	67.70 6.18 -15.41	57.10 5.49 -10.01	55.88 4.84 -12.63	53.82 4.07 -12.06	46.78 3.66 -6.81	46.51 3.38 -8.24
HOLTSVILLE_IC_9 23698	44.37 2.92 -8.60	40.37 2.58 -6.69	40.40 2.57 -6.82	39.47 2.60 -5.49	40.50 2.81 -5.73	45.33 3.22 -7.44	56.05 4.60 -10.74	58.54 5.27 -7.86	55.12 5.17 -7.86	45.28 4.00 -3.90	44.61 3.78 -4.13	42.33 3.35 -5.77	39.88 3.30 -2.90	40.29 3.25 -4.17	43.34 3.31 -6.92	46.90 3.49 -8.56	54.97 4.40 -12.58	70.04 5.87 -20.04	67.70 6.18 -15.41	57.10 5.49 -10.01	55.88 4.84 -12.63	53.82 4.07 -12.06	46.78 3.66 -6.81	46.51 3.38 -8.24
HOMER_HL_115KV_TB2 355744	32.36 -0.49 0.00	30.83 -0.28 0.00	30.51 -0.50 0.00	30.62 -0.75 0.00	31.54 -0.42 0.00	33.97 -0.69 0.00	40.31 -0.41 0.00	42.47 -2.95 0.00	40.27 -1.81 0.00	35.22 -2.17 0.00	34.23 -2.46 0.01	31.21 -1.99 0.00	31.86 -1.82 0.00	31.06 -1.81 0.00	31.22 -1.89 0.00	32.98 -1.88 0.00	35.56 -2.43 0.00	40.86 -3.22 0.05	41.41 -4.66 0.05	38.89 -2.70 0.00	36.34 -2.07 0.00	34.81 -2.83 0.05	33.50 -2.76 0.05	33.35 -1.53 0.00
HOWARD_WT_PWR 323690	33.80 0.95 0.00	32.07 0.97 0.00	31.85 0.84 0.00	32.16 0.78 0.00	32.97 1.02 0.00	35.85 1.18 0.00	42.79 2.08 0.00	46.90 1.45 -0.03	43.26 1.18 0.00	37.87 0.48 0.00	36.81 0.11 0.01	33.44 0.23 0.00	33.91 0.24 0.00	32.99 0.13 0.00	33.34 0.23 0.00	35.14 0.28 0.00	38.33 0.34 0.00	44.80 0.70 0.03	46.63 0.56 0.03	42.45 0.83 -0.03	39.24 0.81 -0.02	37.91 0.27 0.03	36.41 0.15 0.03	35.44 0.56 0.00
HQ_GEN_CEDARS 23644	33.21 0.36 0.00	31.70 0.59 0.00	31.60 0.59 0.00	31.97 0.60 0.00	32.30 0.35 0.00	34.98 0.31 0.00	40.67 -0.04 0.00	45.24 -0.18 0.00	41.70 -0.38 0.00	37.61 0.22 0.00	36.92 0.22 0.00	33.24 0.03 0.00	33.78 0.10 0.00	32.93 0.07 0.00	33.18 0.07 0.00	34.93 0.07 0.00	38.03 0.04 0.00	43.78 -0.35 0.00	45.74 -0.37 0.00	41.10 -0.50 0.00	38.06 -0.35 0.00	37.68 0.00 0.00	36.41 0.11 0.00	35.06 0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	33.21 0.36 0.00	31.70 0.59 0.00	31.60 0.59 0.00	31.97 0.59 0.00	32.30 0.35 0.00	34.98 0.31 0.00	40.67 -0.04 0.00	45.24 -0.18 0.00	41.27 -0.38 0.43	38.04 0.23 -0.43	37.00 0.29 0.00	33.24 0.03 0.00	33.78 0.10 0.00	32.93 0.07 0.00	33.14 0.03 0.00	34.93 0.07 0.00	38.03 0.04 0.00	43.78 -0.35 0.00	45.74 -0.37 0.00	41.10 -0.50 0.00	38.10 -0.31 0.00	37.76 0.08 0.00	36.45 0.15 0.00	35.06 0.18 0.00

HQ_GEN_IMPORT 323601	33.02 0.17 0.00	31.29 0.19 0.00	31.20 0.19 0.00	31.56 0.19 0.00	32.11 0.16 0.00	37.37 0.14 -2.56	37.95 -0.20 2.56	45.05 -0.36 0.00	41.21 -0.38 0.49	37.95 0.07 -0.49	36.89 0.18 0.00	33.27 0.07 0.00	33.78 0.10 0.00	32.96 0.10 0.00	33.18 0.07 0.00	34.93 0.07 0.00	37.95 -0.04 0.00	43.73 -0.40 0.00	45.69 -0.42 0.00	41.18 -0.42 0.00	37.95 -0.27 0.19	37.95 0.08 -0.19	36.37 0.07 0.00	34.95 0.07 0.00
HQ_GEN_WHEEL 23651	33.02 0.17 0.00	31.29 0.19 0.00	31.20 0.19 0.00	31.56 0.19 0.00	32.11 0.16 0.00	37.37 0.14 -2.56	37.95 -0.20 2.56	45.05 -0.36 0.00	41.21 -0.38 0.49	37.95 0.07 -0.49	36.89 0.18 0.00	33.27 0.07 0.00	33.78 0.10 0.00	32.96 0.10 0.00	33.18 0.07 0.00	34.93 0.07 0.00	37.95 -0.04 0.00	43.73 -0.40 0.00	45.69 -0.42 0.00	41.18 -0.42 0.00	37.95 -0.27 0.19	37.95 0.08 -0.19	36.37 0.07 0.00	34.95 0.07 0.00
HUDSON AVE_GT_3 23810	34.30 1.45 0.00	32.35 1.24 0.00	32.19 1.18 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.36 3.28 0.00	40.00 2.62 0.00	39.24 2.53 0.00	37.44 2.32 -1.91	37.38 2.29 -1.42	37.43 2.30 -2.26	37.15 2.32 -1.72	37.71 2.37 -0.48	40.80 2.81 0.00	47.80 3.66 0.00	49.95 3.83 -0.02	45.05 3.45 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.94 2.06 0.00
HUDSON AVE_GT_4 23540	34.30 1.45 0.00	32.35 1.24 0.00	32.19 1.18 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.36 3.28 0.00	40.00 2.62 0.00	39.24 2.53 0.00	37.44 2.32 -1.91	37.38 2.29 -1.42	37.43 2.30 -2.26	37.15 2.32 -1.72	37.71 2.37 -0.48	40.80 2.81 0.00	47.80 3.66 0.00	49.95 3.83 -0.02	45.05 3.45 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.94 2.06 0.00
HUDSON AVE_GT_5 23657	34.30 1.45 0.00	32.35 1.24 0.00	32.19 1.18 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.36 3.28 0.00	40.00 2.62 0.00	39.24 2.53 0.00	37.44 2.32 -1.91	37.38 2.29 -1.42	37.43 2.30 -2.26	37.15 2.32 -1.72	37.71 2.37 -0.48	40.80 2.81 0.00	47.80 3.66 0.00	49.95 3.83 -0.02	45.05 3.45 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.94 2.06 0.00
HUDSON_AVE_10 24168	34.23 1.38 0.00	32.26 1.15 0.00	32.13 1.12 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.12 1.46 0.00	43.03 2.32 0.00	48.64 3.22 0.00	45.36 3.28 0.00	39.96 2.58 0.00	39.20 2.50 0.00	37.37 2.26 -1.91	37.38 2.29 -1.42	37.33 2.20 -2.26	37.08 2.25 -1.72	37.67 2.34 -0.48	40.80 2.81 0.00	47.80 3.66 0.00	49.95 3.83 -0.02	45.05 3.45 0.00	41.37 2.96 0.00	40.13 2.45 0.00	38.70 2.40 0.00	36.91 2.02 0.00
HUDSON___115KV_TB 4 355613	34.00 1.15 0.00	32.13 1.03 0.00	32.06 1.05 0.00	32.50 1.13 0.00	33.04 1.09 0.00	35.91 1.25 0.00	42.55 1.83 0.00	47.64 2.23 0.00	44.02 1.94 0.00	38.51 1.12 0.00	37.73 1.03 0.00	34.07 0.86 0.00	34.52 0.84 0.00	33.72 0.85 0.00	34.04 0.93 0.00	35.94 1.08 0.00	39.47 1.48 0.00	46.16 2.03 0.00	48.37 2.26 0.00	43.64 2.04 0.00	40.18 1.77 0.00	39.23 1.54 0.00	37.72 1.42 0.00	36.18 1.29 0.00
HUNTER MOUNT___DRP 323613	34.20 1.35 0.00	32.32 1.21 0.00	32.25 1.24 0.00	32.69 1.32 0.00	33.17 1.21 0.00	36.09 1.42 0.00	42.75 2.04 0.00	47.83 2.41 0.00	44.10 2.02 0.00	38.47 1.08 0.00	37.66 0.95 0.00	33.97 0.76 0.00	34.42 0.74 0.00	33.62 0.76 0.00	33.97 0.86 0.00	35.87 1.01 0.00	39.43 1.44 0.00	46.21 2.07 0.00	48.46 2.35 0.00	43.72 2.12 0.00	40.25 1.84 0.00	39.30 1.62 0.00	37.79 1.49 0.00	36.28 1.40 0.00
HUNTINGTON_RES_REC 323705	43.78 2.33 -8.60	39.84 2.05 -6.69	39.87 2.05 -6.82	38.94 2.07 -5.49	39.95 2.27 -5.73	44.57 2.46 -7.44	54.83 3.38 -10.74	57.45 4.18 -7.86	54.02 4.08 -7.86	44.53 3.25 -3.90	43.99 3.16 -4.13	41.80 2.82 -5.77	39.37 2.79 -2.90	39.83 2.79 -4.17	42.84 2.81 -6.92	46.38 2.96 -8.56	54.13 3.57 -12.58	68.81 4.63 -20.04	66.36 4.84 -15.41	55.94 4.33 -10.01	54.85 3.80 -12.63	53.02 3.28 -12.06	46.23 3.12 -6.81	45.95 2.82 -8.24
HUNTLEY___63 23557	30.91 -1.94 0.00	29.58 -1.52 0.00	29.27 -1.74 0.00	29.24 -2.13 0.00	30.07 -1.89 0.00	32.48 -2.18 0.00	38.15 -2.56 0.00	40.77 -4.63 0.01	38.21 -3.87 0.00	33.61 -3.78 0.00	32.65 -4.04 0.01	29.82 -3.39 0.00	30.51 -3.17 0.00	29.77 -3.09 0.00	29.90 -3.21 0.00	31.58 -3.28 0.00	33.77 -4.22 0.00	39.23 -4.85 0.05	40.75 -5.30 0.05	37.26 -4.33 0.01	34.48 -3.92 0.01	33.26 -4.37 0.05	32.18 -4.07 0.05	31.68 -3.21 0.00
HUNTLEY___64 23558	30.91 -1.94 0.00	29.58 -1.52 0.00	29.27 -1.74 0.00	29.24 -2.13 0.00	30.07 -1.89 0.00	32.48 -2.18 0.00	38.15 -2.56 0.00	40.77 -4.63 0.01	38.21 -3.87 0.00	33.61 -3.78 0.00	32.65 -4.04 0.01	29.82 -3.39 0.00	30.51 -3.17 0.00	29.77 -3.09 0.00	29.90 -3.21 0.00	31.58 -3.28 0.00	33.77 -4.22 0.00	39.23 -4.85 0.05	40.75 -5.30 0.05	37.26 -4.33 0.01	34.48 -3.92 0.01	33.26 -4.37 0.05	32.18 -4.07 0.05	31.68 -3.21 0.00
HUNTLEY___65 23559	30.91 -1.94 0.00	29.58 -1.52 0.00	29.27 -1.74 0.00	29.24 -2.13 0.00	30.07 -1.89 0.00	32.48 -2.18 0.00	38.15 -2.56 0.00	40.77 -4.63 0.01	38.21 -3.87 0.00	33.61 -3.78 0.00	32.65 -4.04 0.01	29.82 -3.39 0.00	30.51 -3.17 0.00	29.77 -3.09 0.00	29.90 -3.21 0.00	31.58 -3.28 0.00	33.77 -4.22 0.00	39.23 -4.85 0.05	40.75 -5.30 0.05	37.26 -4.33 0.01	34.48 -3.92 0.01	33.26 -4.37 0.05	32.18 -4.07 0.05	31.68 -3.21 0.00
HUNTLEY___66 23560	30.91 -1.94 0.00	29.58 -1.52 0.00	29.27 -1.74 0.00	29.24 -2.13 0.00	30.07 -1.89 0.00	32.48 -2.18 0.00	38.15 -2.56 0.00	40.77 -4.63 0.01	38.21 -3.87 0.00	33.61 -3.78 0.00	32.65 -4.04 0.01	29.82 -3.39 0.00	30.51 -3.17 0.00	29.77 -3.09 0.00	29.90 -3.21 0.00	31.58 -3.28 0.00	33.77 -4.22 0.00	39.23 -4.85 0.05	40.75 -5.30 0.05	37.26 -4.33 0.01	34.48 -3.92 0.01	33.26 -4.37 0.05	32.18 -4.07 0.05	31.68 -3.21 0.00
HUNTLEY___67 23561	30.91 -1.94 0.00	29.58 -1.52 0.00	29.27 -1.74 0.00	29.24 -2.13 0.00	30.03 -1.92 0.00	32.45 -2.22 0.00	38.11 -2.61 0.00	40.73 -4.68 0.01	38.17 -3.91 0.00	33.61 -3.78 0.00	32.69 -4.00 0.01	29.85 -3.35 0.00	30.54 -3.13 0.00	29.81 -3.06 0.00	29.93 -3.18 0.00	31.62 -3.24 0.00	33.81 -4.18 0.00	39.23 -4.85 0.05	40.71 -5.35 0.05	37.26 -4.33 0.01	34.52 -3.88 0.01	33.30 -4.33 0.05	32.22 -4.03 0.05	31.75 -3.14 0.00
HUNTLEY___68 23562	30.91 -1.94 0.00	29.58 -1.52 0.00	29.27 -1.74 0.00	29.24 -2.13 0.00	30.03 -1.92 0.00	32.45 -2.22 0.00	38.11 -2.61 0.00	40.73 -4.68 0.01	38.17 -3.91 0.00	33.61 -3.78 0.00	32.69 -4.00 0.01	29.85 -3.35 0.00	30.54 -3.13 0.00	29.81 -3.06 0.00	29.93 -3.18 0.00	31.62 -3.24 0.00	33.81 -4.18 0.00	39.23 -4.85 0.05	40.71 -5.35 0.05	37.26 -4.33 0.01	34.52 -3.88 0.01	33.30 -4.33 0.05	32.22 -4.03 0.05	31.75 -3.14 0.00

HYLAND___LFGE 323620	32.85 0.00 0.00	31.17 0.06 0.00	30.92 -0.09 0.00	31.19 -0.19 0.00	31.95 0.00 0.00	34.84 0.17 0.00	41.69 0.98 0.00	45.57 0.14 -0.01	42.00 -0.08 0.00	36.38 -1.01 0.00	35.15 -1.54 0.01	31.94 -1.26 0.00	32.40 -1.28 0.00	31.51 -1.35 0.00	32.02 -1.09 0.00	33.85 -1.01 0.00	37.12 -0.87 0.00	43.65 -0.44 0.04	45.65 -0.42 0.04	41.44 -0.17 -0.01	38.27 -0.15 -0.01	36.89 -0.75 0.04	35.35 -0.91 0.04	34.36 -0.52 0.00
INDECK___CORINTH 23802	34.20 1.35 0.00	32.26 1.15 0.00	32.19 1.18 0.00	32.66 1.29 0.00	33.29 1.34 0.00	35.12 0.45 0.00	41.69 0.98 0.00	46.87 1.45 0.00	43.26 1.18 0.00	37.91 0.52 0.00	37.11 0.40 0.00	33.54 0.33 0.00	33.91 0.24 0.00	33.16 0.30 0.00	33.44 0.33 0.00	35.31 0.45 0.00	38.71 0.72 0.00	45.46 1.32 0.00	47.68 1.57 0.00	43.09 1.50 0.00	39.60 1.19 0.00	38.47 0.79 0.00	36.96 0.65 0.00	35.48 0.59 0.00
INDECK___ILION 23567	33.21 0.36 0.00	31.42 0.31 0.00	31.32 0.31 0.00	31.69 0.31 0.00	32.27 0.32 0.00	35.05 0.38 0.00	41.32 0.61 0.00	46.24 0.82 0.00	42.80 0.72 0.00	37.87 0.49 0.00	37.14 0.44 0.00	33.64 0.43 0.00	34.08 0.40 0.00	33.26 0.39 0.00	33.51 0.40 0.00	35.28 0.42 0.00	38.52 0.53 0.00	44.88 0.75 0.00	46.85 0.74 0.00	42.26 0.67 0.00	38.99 0.58 0.00	38.21 0.53 0.00	36.81 0.51 0.00	35.37 0.49 0.00
INDECK___OLEAN 23982	32.36 -0.49 0.00	30.82 -0.28 0.00	30.51 -0.50 0.00	30.65 -0.72 0.00	31.54 -0.42 0.00	34.01 -0.66 0.00	40.39 -0.33 0.00	42.74 -2.68 0.00	40.35 -1.73 0.00	35.22 -2.17 0.00	34.12 -2.57 0.01	31.21 -1.99 0.00	31.86 -1.82 0.00	31.06 -1.81 0.00	31.35 -1.76 0.00	33.04 -1.81 0.00	35.56 -2.43 0.00	40.87 -3.22 0.05	42.42 -3.64 0.05	38.98 -2.62 0.00	36.26 -2.15 0.00	34.62 -3.02 0.05	33.82 -2.43 0.05	33.52 -1.36 0.00
INDECK___OSWEGO 23783	31.73 -1.12 0.00	30.05 -1.06 0.00	29.92 -1.09 0.00	30.28 -1.10 0.00	30.86 -1.09 0.00	33.52 -1.14 0.00	39.62 -1.10 0.00	43.83 -1.59 -0.01	40.57 -1.51 0.00	35.85 -1.53 0.00	35.06 -1.65 -0.01	31.78 -1.43 0.00	32.23 -1.45 0.00	31.45 -1.41 0.00	31.69 -1.42 0.00	33.40 -1.46 0.00	36.39 -1.59 0.00	42.53 -1.63 -0.03	44.43 -1.71 -0.03	40.15 -1.46 -0.01	36.99 -1.42 0.00	36.16 -1.55 -0.03	34.77 -1.56 -0.03	33.45 -1.43 0.00
INDECK___YERKES 23781	30.94 -1.91 0.00	29.61 -1.49 0.00	29.30 -1.71 0.00	29.37 -2.01 0.00	30.10 -1.85 0.00	32.55 -2.12 0.00	38.27 -2.44 0.00	40.96 -4.45 0.01	38.34 -3.75 0.00	33.61 -3.77 0.00	32.54 -4.15 0.01	29.85 -3.35 0.00	30.51 -3.17 0.00	29.81 -3.06 0.00	30.10 -3.01 0.00	31.65 -3.21 0.00	33.77 -4.22 0.00	39.27 -4.81 0.05	40.94 -5.12 0.05	37.39 -4.20 0.01	34.45 -3.96 0.01	33.26 -4.37 0.05	32.26 -3.99 0.05	31.92 -2.97 0.00
INDIAN POINT_GT_1 24139	34.23 1.38 0.00	32.29 1.18 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.29 1.34 0.00	36.05 1.39 0.00	42.87 2.16 0.00	48.37 2.95 0.00	44.94 2.86 0.00	39.55 2.17 0.00	38.80 2.09 0.00	35.13 1.93 0.00	35.56 1.89 0.00	34.74 1.87 0.00	35.00 1.89 0.00	36.81 1.95 0.00	40.38 2.39 0.00	47.35 3.22 0.00	49.48 3.37 0.00	44.59 3.00 0.00	41.02 2.61 0.00	39.83 2.15 0.00	38.37 2.07 0.00	36.70 1.81 0.00
INDIAN POINT_GT_2 23659	34.23 1.38 0.00	32.29 1.18 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.29 1.34 0.00	36.05 1.39 0.00	42.87 2.16 0.00	48.37 2.95 0.00	44.94 2.86 0.00	39.55 2.17 0.00	38.80 2.09 0.00	35.13 1.93 0.00	35.56 1.89 0.00	34.74 1.87 0.00	35.00 1.89 0.00	36.81 1.95 0.00	40.38 2.39 0.00	47.35 3.22 0.00	49.48 3.37 0.00	44.59 3.00 0.00	41.02 2.61 0.00	39.83 2.15 0.00	38.37 2.07 0.00	36.70 1.81 0.00
INDIAN POINT_GT_3 24019	34.23 1.38 0.00	32.29 1.18 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.29 1.34 0.00	36.05 1.39 0.00	42.87 2.16 0.00	48.37 2.95 0.00	44.94 2.86 0.00	39.55 2.17 0.00	38.80 2.09 0.00	35.13 1.93 0.00	35.56 1.89 0.00	34.74 1.87 0.00	35.00 1.89 0.00	36.81 1.95 0.00	40.38 2.39 0.00	47.35 3.22 0.00	49.48 3.37 0.00	44.59 3.00 0.00	41.02 2.61 0.00	39.83 2.15 0.00	38.37 2.07 0.00	36.70 1.81 0.00
INDIAN POINT___2 23530	34.10 1.25 0.00	32.16 1.06 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.20 1.24 0.00	35.98 1.32 0.00	42.71 1.99 0.00	48.19 2.77 0.00	44.78 2.70 0.00	39.44 2.05 0.00	38.68 1.98 0.00	35.03 1.83 0.00	35.46 1.78 0.00	34.64 1.77 0.00	34.90 1.79 0.00	36.71 1.85 0.00	40.19 2.20 0.00	47.18 3.04 0.00	49.29 3.18 0.00	44.43 2.83 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.26 1.96 0.00	36.59 1.71 0.00
INDIAN POINT___3 23531	34.13 1.28 0.00	32.23 1.12 0.00	32.10 1.09 0.00	32.54 1.16 0.00	33.23 1.28 0.00	35.98 1.32 0.00	42.75 2.04 0.00	48.19 2.77 0.00	44.82 2.74 0.00	39.44 2.06 0.00	38.69 1.98 0.00	35.03 1.83 0.00	35.49 1.82 0.00	34.67 1.81 0.00	34.93 1.82 0.00	36.71 1.85 0.00	40.27 2.28 0.00	47.18 3.05 0.00	49.29 3.18 0.00	44.43 2.83 0.00	40.87 2.46 0.00	39.72 2.03 0.00	38.26 1.96 0.00	36.63 1.74 0.00
INGHAM_C_115KV_TB7 356103	33.34 0.49 0.00	31.57 0.47 0.00	31.44 0.43 0.00	31.78 0.41 0.00	32.40 0.45 0.00	35.19 0.52 0.00	41.49 0.77 0.00	46.33 0.91 0.00	42.88 0.80 0.00	37.98 0.60 0.00	37.25 0.55 0.00	33.74 0.53 0.00	34.18 0.51 0.00	33.36 0.49 0.00	33.57 0.46 0.00	35.35 0.49 0.00	38.56 0.57 0.00	44.88 0.75 0.00	46.76 0.65 0.00	42.18 0.58 0.00	38.95 0.54 0.00	38.25 0.57 0.00	36.92 0.62 0.00	35.48 0.59 0.00
IP CORINTH___1 23988	34.20 1.35 0.00	32.26 1.15 0.00	32.19 1.18 0.00	32.66 1.29 0.00	33.29 1.34 0.00	36.26 1.59 0.00	41.98 1.26 0.00	47.14 1.73 0.00	43.51 1.43 0.00	38.13 0.75 0.00	37.33 0.62 0.00	33.70 0.50 0.00	34.11 0.44 0.00	33.32 0.46 0.00	33.64 0.53 0.00	35.49 0.63 0.00	38.94 0.95 0.00	45.72 1.59 0.00	47.91 1.80 0.00	43.34 1.75 0.00	39.83 1.42 0.00	38.74 1.06 0.00	37.21 0.91 0.00	36.59 1.71 0.00
IP___TICONDEROGA 23804	35.25 2.40 0.00	33.22 2.12 0.00	33.12 2.11 0.00	33.70 2.32 0.00	34.38 2.43 0.00	37.54 2.88 0.00	43.89 3.18 0.00	49.37 3.95 0.00	45.41 3.32 0.00	39.59 2.21 0.00	38.61 1.91 0.00	34.80 1.59 0.00	35.12 1.45 0.00	34.34 1.48 0.00	34.70 1.59 0.00	36.71 1.85 0.00	40.34 2.36 0.00	47.57 3.44 0.00	49.98 3.87 0.00	45.30 3.70 0.00	41.60 3.19 0.00	40.24 2.56 0.00	38.63 2.32 0.00	37.82 2.93 0.00
ISLIP_RES_REC 323679	44.50 3.06 -8.60	40.50 2.70 -6.69	40.52 2.70 -6.82	39.60 2.73 -5.49	40.62 2.94 -5.73	45.50 3.40 -7.44	56.25 4.80 -10.74	58.81 5.54 -7.86	55.33 5.39 -7.86	45.43 4.15 -3.90	44.76 3.93 -4.13	42.46 3.49 -5.77	40.01 3.44 -2.90	40.46 3.42 -4.17	43.47 3.44 -6.92	47.04 3.63 -8.56	55.16 4.59 -12.58	70.31 6.13 -20.04	67.97 6.45 -15.41	57.31 5.70 -10.01	56.07 5.03 -12.63	54.00 4.26 -12.06	46.92 3.81 -6.81	46.65 3.52 -8.24

JAMAICA__27_KV_LOAD 355505	34.43 1.58 0.00	32.44 1.34 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.49 1.53 0.00	36.40 1.73 0.00	43.44 2.73 0.00	49.14 3.72 0.00	45.87 3.79 0.00	40.38 2.99 0.00	39.60 2.90 0.00	37.61 2.49 -1.91	37.69 2.59 -1.42	37.49 2.37 -2.26	37.38 2.55 -1.72	38.02 2.68 -0.48	41.22 3.23 0.00	48.37 4.24 0.00	50.51 4.38 -0.02	45.59 3.99 0.00	41.87 3.46 0.00	40.54 2.86 0.00	39.06 2.76 0.00	37.19 2.30 0.00
JANIS__SOLAR 323808	34.62 1.77 0.00	32.82 1.71 0.00	32.62 1.61 0.00	33.01 1.63 0.00	33.80 1.85 0.00	36.85 2.19 0.00	44.05 3.34 0.00	48.71 3.27 -0.02	44.69 2.61 0.00	38.95 1.57 0.00	37.69 0.99 0.01	34.13 0.93 0.00	34.55 0.87 0.00	33.65 0.79 0.00	34.01 0.89 0.00	35.97 1.12 0.00	39.70 1.71 0.00	46.85 2.74 0.02	48.86 2.77 0.02	44.28 2.66 -0.02	40.81 2.38 -0.01	39.51 1.85 0.02	37.92 1.64 0.02	36.56 1.67 0.00
JARVIS____ 23743	32.92 0.07 0.00	31.14 0.03 0.00	31.04 0.03 0.00	31.41 0.03 0.00	32.02 0.06 0.00	34.74 0.07 0.00	40.92 0.20 0.00	45.83 0.41 0.00	42.46 0.38 0.00	37.61 0.23 0.00	36.89 0.18 0.00	33.41 0.20 0.00	33.84 0.17 0.00	33.06 0.20 0.00	33.31 0.20 0.00	35.07 0.21 0.00	38.26 0.27 0.00	44.57 0.44 0.00	46.57 0.46 0.00	42.01 0.42 0.00	38.76 0.34 0.00	37.91 0.23 0.00	36.52 0.22 0.00	35.10 0.21 0.00
JENNISON____1 23625	35.08 2.23 0.00	33.22 2.12 0.00	33.06 2.05 0.00	33.41 2.04 0.00	34.19 2.24 0.00	37.27 2.60 0.00	44.50 3.79 0.00	49.34 3.91 -0.01	45.49 3.41 0.00	39.74 2.36 0.00	38.50 1.80 0.00	34.86 1.66 0.00	35.33 1.65 0.00	34.44 1.58 0.00	34.70 1.59 0.00	36.64 1.78 0.00	40.34 2.36 0.00	47.56 3.44 0.02	49.55 3.46 0.02	44.89 3.29 -0.01	41.38 2.96 -0.01	40.08 2.41 0.02	38.50 2.21 0.02	37.08 2.20 0.00
JENNISON____2 23626	35.08 2.23 0.00	33.22 2.12 0.00	33.06 2.05 0.00	33.41 2.04 0.00	34.19 2.24 0.00	37.27 2.60 0.00	44.50 3.79 0.00	49.34 3.91 -0.01	45.49 3.41 0.00	39.74 2.36 0.00	38.50 1.80 0.00	34.86 1.66 0.00	35.33 1.65 0.00	34.44 1.58 0.00	34.70 1.59 0.00	36.64 1.78 0.00	40.34 2.36 0.00	47.56 3.44 0.02	49.55 3.46 0.02	44.89 3.29 -0.01	41.38 2.96 -0.01	40.08 2.41 0.02	38.50 2.21 0.02	37.08 2.20 0.00
JERICOHO_RISE_WT_PWR 323719	34.20 1.35 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.23 1.28 0.00	36.02 1.35 0.00	41.69 0.98 0.00	46.33 0.91 0.00	42.67 0.59 0.00	38.55 1.16 0.00	37.91 1.21 0.00	33.93 0.73 0.00	34.52 0.84 0.00	33.62 0.76 0.00	33.84 0.73 0.00	35.66 0.80 0.00	38.97 0.99 0.00	44.84 0.70 0.00	46.80 0.69 0.00	41.93 0.33 0.00	38.79 0.38 0.00	38.32 0.64 0.00	36.92 0.62 0.00	35.79 0.91 0.00
KATONAH__115KV_46KV_TB4 355592	34.36 1.51 0.00	32.47 1.37 0.00	32.37 1.36 0.00	32.82 1.44 0.00	33.42 1.47 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.60 3.18 0.00	45.11 3.03 0.00	39.63 2.24 0.00	38.87 2.17 0.00	35.13 1.93 0.00	35.53 1.85 0.00	34.74 1.87 0.00	34.97 1.85 0.00	36.78 1.92 0.00	40.42 2.43 0.00	47.49 3.35 0.00	49.61 3.50 0.00	44.72 3.12 0.00	41.10 2.69 0.00	39.90 2.22 0.00	38.41 2.11 0.00	36.80 1.92 0.00
KCE_NY_1 323755	34.33 1.48 0.00	32.41 1.31 0.00	32.34 1.33 0.00	32.79 1.41 0.00	33.39 1.44 0.00	36.02 1.35 0.00	42.67 1.95 0.00	47.82 2.41 0.00	44.23 2.14 0.00	38.88 1.50 0.00	38.06 1.36 0.00	34.43 1.23 0.00	34.85 1.18 0.00	34.04 1.18 0.00	34.34 1.23 0.00	36.22 1.36 0.00	39.66 1.67 0.00	46.47 2.34 0.00	48.64 2.53 0.00	43.97 2.37 0.00	40.44 2.03 0.00	39.38 1.70 0.00	37.90 1.60 0.00	36.38 1.50 0.00
KCE_NY_6_ESR 323823	31.44 -1.41 0.00	30.08 -1.03 0.00	29.77 -1.24 0.00	29.84 -1.54 0.00	30.58 -1.37 0.00	33.07 -1.59 0.00	39.01 -1.71 0.00	41.59 -3.82 0.01	39.01 -3.07 0.00	34.17 -3.22 0.00	33.09 -3.60 0.01	30.35 -2.86 0.00	31.05 -2.63 0.00	30.30 -2.56 0.00	30.59 -2.52 0.00	32.21 -2.65 0.00	34.42 -3.57 0.00	39.89 -4.19 0.05	41.49 -4.57 0.05	37.97 -3.62 0.01	35.06 -3.34 0.01	33.79 -3.84 0.05	32.80 -3.45 0.05	32.51 -2.37 0.00
KEDC_PORT_JEFF_GT2 24210	44.31 2.86 -8.60	40.34 2.55 -6.69	40.34 2.51 -6.82	39.44 2.57 -5.49	40.46 2.78 -5.73	45.26 3.15 -7.44	55.93 4.48 -10.74	58.45 5.18 -7.86	54.99 5.05 -7.86	45.21 3.92 -3.90	44.58 3.75 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.26 3.22 -4.17	43.28 3.25 -6.92	46.87 3.45 -8.56	54.89 4.33 -12.58	69.95 5.78 -20.04	67.60 6.09 -15.41	56.98 5.37 -10.01	55.77 4.72 -12.63	53.74 3.99 -12.06	46.74 3.63 -6.81	46.47 3.35 -8.24
KEDC_PORT_JEFF_GT3 24211	44.31 2.86 -8.60	40.34 2.55 -6.69	40.34 2.51 -6.82	39.44 2.57 -5.49	40.46 2.78 -5.73	45.26 3.15 -7.44	55.93 4.48 -10.74	58.45 5.18 -7.86	54.99 5.05 -7.86	45.21 3.92 -3.90	44.58 3.75 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.26 3.22 -4.17	43.28 3.25 -6.92	46.87 3.45 -8.56	54.89 4.33 -12.58	69.95 5.78 -20.04	67.60 6.09 -15.41	56.98 5.37 -10.01	55.77 4.72 -12.63	53.74 3.99 -12.06	46.74 3.63 -6.81	46.47 3.35 -8.24
KEDC_GLWD_GT4 24219	43.55 2.10 -8.60	39.66 1.87 -6.69	39.69 1.86 -6.82	38.78 1.91 -5.49	39.76 2.08 -5.73	44.36 2.25 -7.44	54.30 2.85 -10.74	57.00 3.73 -7.86	53.56 3.62 -7.85	44.42 3.14 -3.90	43.84 3.01 -4.13	41.73 2.75 -5.77	39.34 2.76 -2.90	39.76 2.73 -4.17	42.74 2.72 -6.92	46.24 2.82 -8.56	53.56 3.00 -12.58	68.14 3.97 -20.04	65.66 4.15 -15.40	55.31 3.70 -10.01	54.22 3.19 -12.63	52.42 2.68 -12.06	46.02 2.91 -6.81	45.77 2.65 -8.24
KEDC_GLWD_GT5 24220	43.55 2.10 -8.60	39.66 1.87 -6.69	39.69 1.86 -6.82	38.78 1.91 -5.49	39.76 2.08 -5.73	44.36 2.25 -7.44	54.30 2.85 -10.74	57.00 3.73 -7.86	53.56 3.62 -7.85	44.42 3.14 -3.90	43.84 3.01 -4.13	41.73 2.75 -5.77	39.34 2.76 -2.90	39.76 2.73 -4.17	42.74 2.72 -6.92	46.24 2.82 -8.56	53.56 3.00 -12.58	68.14 3.97 -20.04	65.66 4.15 -15.40	55.31 3.70 -10.01	54.22 3.19 -12.63	52.42 2.68 -12.06	46.02 2.91 -6.81	45.77 2.65 -8.24
KENSICO____ 23655	34.23 1.38 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.33 1.37 0.00	36.09 1.42 0.00	42.91 2.20 0.00	48.42 3.00 0.00	45.03 2.95 0.00	39.63 2.24 0.00	38.87 2.17 0.00	35.20 1.99 0.00	35.66 1.99 0.00	34.83 1.97 0.00	35.10 1.99 0.00	36.88 2.02 0.00	40.46 2.47 0.00	47.40 3.27 0.00	49.52 3.41 0.00	44.63 3.04 0.00	41.06 2.65 0.00	39.87 2.19 0.00	38.41 2.11 0.00	36.77 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.30 1.45 0.00	32.35 1.24 0.00	32.25 1.24 0.00	32.69 1.32 0.00	33.29 1.34 0.00	36.09 1.42 0.00	43.03 2.32 0.00	48.37 2.95 0.00	44.90 2.82 0.00	39.29 1.91 0.00	38.47 1.76 0.00	34.73 1.53 0.00	34.85 1.18 0.00	34.08 1.22 0.00	34.34 1.23 0.00	36.15 1.29 0.00	39.74 1.75 0.00	46.78 2.65 0.00	48.92 2.81 0.00	44.09 2.50 0.00	40.91 2.50 0.00	39.72 2.03 0.00	38.30 2.00 0.00	36.59 1.71 0.00

KIAC_JFK_GT1 23816	34.33 1.48 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.39 1.44 0.00	36.26 1.59 0.00	43.28 2.56 0.00	49.01 3.59 0.00	45.70 3.62 0.00	40.26 2.88 0.00	39.49 2.79 0.00	37.47 2.36 -1.91	37.55 2.46 -1.42	37.39 2.27 -2.26	37.25 2.42 -1.72	37.92 2.58 -0.48	41.06 3.08 0.00	48.19 4.06 0.00	50.32 4.20 -0.02	45.42 3.83 0.00	41.71 3.30 0.00	40.43 2.75 0.00	38.92 2.61 0.00	37.05 2.16 0.00
KIAC_JFK_GT2 23817	34.33 1.48 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.39 1.44 0.00	36.26 1.59 0.00	43.28 2.56 0.00	49.01 3.59 0.00	45.70 3.62 0.00	40.26 2.88 0.00	39.49 2.79 0.00	37.47 2.36 -1.91	37.55 2.46 -1.42	37.39 2.27 -2.26	37.25 2.42 -1.72	37.92 2.58 -0.48	41.06 3.08 0.00	48.19 4.06 0.00	50.32 4.20 -0.02	45.42 3.83 0.00	41.71 3.30 0.00	40.43 2.75 0.00	38.92 2.61 0.00	37.05 2.16 0.00
KIAC_JFK____ 323774	34.33 1.48 0.00	32.35 1.25 0.00	32.22 1.21 0.00	32.60 1.22 0.00	33.39 1.44 0.00	36.33 1.66 0.00	43.28 2.57 0.00	49.01 3.59 0.00	45.70 3.62 0.00	40.31 2.92 -0.01	39.47 2.75 -0.01	37.44 2.32 -1.91	37.42 2.32 -1.42	37.39 2.27 -2.26	37.25 2.42 -1.72	37.92 2.58 -0.48	41.06 3.08 0.00	48.25 4.11 -0.01	50.37 4.24 -0.02	45.47 3.87 -0.01	41.67 3.26 0.00	40.36 2.68 0.00	38.95 2.65 0.00	37.08 2.20 0.00
KINTIGH____ 23543	30.72 -2.14 0.00	29.36 -1.74 0.00	29.09 -1.92 0.00	29.08 -2.29 0.00	29.87 -2.08 0.00	32.27 -2.39 0.00	37.95 -2.77 0.00	41.09 -4.31 0.01	38.29 -3.79 0.00	33.72 -3.66 0.00	32.83 -3.85 0.02	29.95 -3.25 0.00	30.58 -3.10 0.00	29.84 -3.02 0.00	30.00 -3.11 0.00	31.65 -3.21 0.00	33.96 -4.03 0.00	39.58 -4.50 0.06	41.44 -4.61 0.06	37.51 -4.08 0.01	34.67 -3.73 0.01	33.56 -4.07 0.06	32.47 -3.78 0.06	31.68 -3.21 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.85 2.00 0.00	33.07 1.96 0.00	32.90 1.89 0.00	33.32 1.95 0.00	33.84 1.89 0.00	36.68 2.01 0.00	42.55 1.83 0.00	47.19 1.77 0.00	43.34 1.26 0.00	39.22 1.83 0.00	38.43 1.73 0.00	34.30 1.10 0.00	34.95 1.28 0.00	34.01 1.15 0.00	34.20 1.09 0.00	36.04 1.19 0.00	39.55 1.56 0.00	45.63 1.50 0.00	47.63 1.52 0.00	42.60 1.00 0.00	39.33 0.92 0.00	38.77 1.09 0.00	37.35 1.05 0.00	36.38 1.50 0.00
LACHUTE____HYDRO 323717	35.25 2.40 0.00	33.22 2.12 0.00	33.12 2.11 0.00	33.66 2.29 0.00	34.38 2.43 0.00	36.71 2.04 0.00	43.81 3.09 0.00	49.33 3.91 0.00	45.45 3.37 0.00	39.55 2.17 0.00	38.57 1.87 0.00	34.80 1.59 0.00	35.12 1.45 0.00	34.34 1.48 0.00	34.70 1.59 0.00	36.71 1.85 0.00	40.31 2.32 0.00	47.58 3.44 0.00	49.98 3.87 0.00	45.30 3.70 0.00	41.56 3.15 0.00	40.21 2.52 0.00	38.59 2.29 0.00	37.01 2.13 0.00
LAWRNCV_115KV_TB1 80681	32.95 0.10 0.00	31.45 0.34 0.00	31.32 0.31 0.00	31.72 0.35 0.00	32.05 0.10 0.00	34.67 0.00 0.00	40.31 -0.41 0.00	44.83 -0.59 0.00	41.28 -0.80 0.00	37.20 -0.19 0.00	36.48 -0.22 0.00	32.81 -0.40 0.00	33.34 -0.34 0.00	32.47 -0.39 0.00	32.71 -0.40 0.00	34.44 -0.42 0.00	37.57 -0.42 0.00	43.34 -0.79 0.00	45.28 -0.83 0.00	40.68 -0.92 0.00	37.64 -0.77 0.00	37.23 -0.45 0.00	36.08 -0.22 0.00	34.78 -0.10 0.00
LEDERLE____ 23769	34.20 1.35 0.00	32.26 1.15 0.00	32.16 1.15 0.00	32.60 1.22 0.00	33.26 1.31 0.00	36.05 1.39 0.00	42.87 2.16 0.00	48.33 2.91 0.00	44.94 2.86 0.00	39.52 2.13 0.00	38.76 2.06 0.00	35.06 1.86 0.00	35.53 1.85 0.00	34.70 1.84 0.00	34.97 1.85 0.00	36.74 1.88 0.00	40.31 2.32 0.00	47.27 3.13 0.00	49.38 3.27 0.00	44.55 2.95 0.00	40.98 2.57 0.00	39.79 2.11 0.00	38.33 2.03 0.00	36.66 1.78 0.00
LIGHTHSE_115KV_TB6 355974	32.13 -0.72 0.00	30.45 -0.65 0.00	30.33 -0.68 0.00	30.65 -0.72 0.00	31.25 -0.70 0.00	33.94 -0.73 0.00	40.18 -0.53 0.00	44.47 -0.95 0.00	41.03 -1.05 0.00	36.23 -1.16 0.00	35.38 -1.32 0.00	32.08 -1.13 0.00	32.53 -1.14 0.00	31.71 -1.15 0.00	31.92 -1.19 0.00	33.67 -1.19 0.00	36.81 -1.18 0.00	43.12 -1.02 0.00	45.05 -1.06 0.00	40.69 -0.92 0.00	37.49 -0.92 0.00	36.63 -1.06 0.00	35.25 -1.05 0.00	33.87 -1.01 0.00
LINDEN COGEN____ 23786	34.07 1.22 0.00	32.10 1.00 0.00	31.97 0.96 0.00	32.38 1.00 0.00	33.13 1.18 0.00	36.02 1.35 0.00	40.36 1.99 2.35	42.33 2.86 5.95	42.01 2.90 2.97	39.75 2.36 -0.01	38.99 2.28 -0.01	37.24 2.13 -1.91	37.22 2.12 -1.42	37.23 2.11 -2.26	36.92 2.09 -1.72	37.50 2.16 -0.48	40.49 2.51 0.00	42.09 3.31 5.36	42.61 3.46 6.96	41.60 3.08 3.08	41.02 2.61 0.00	39.79 2.11 0.00	38.48 2.18 0.00	36.73 1.85 0.00
LINDHRST_69_KV_BK1 356055	44.04 2.60 -8.60	40.12 2.33 -6.69	40.12 2.29 -6.82	39.22 2.35 -5.49	40.18 2.49 -5.73	44.84 2.74 -7.44	55.40 3.95 -10.74	58.13 4.86 -7.86	54.61 4.67 -7.86	44.87 3.59 -3.90	44.24 3.41 -4.13	42.07 3.09 -5.77	39.64 3.06 -2.90	40.09 3.06 -4.17	43.14 3.11 -6.92	46.66 3.24 -8.56	54.51 3.95 -12.58	69.25 5.08 -20.04	66.82 5.30 -15.40	56.35 4.74 -10.01	55.27 4.23 -12.63	53.40 3.66 -12.06	46.49 3.38 -6.81	46.23 3.10 -8.24
LIPA_MISC_IPP 23656	44.31 2.86 -8.60	40.31 2.52 -6.69	40.34 2.51 -6.82	39.44 2.57 -5.49	40.43 2.75 -5.73	45.26 3.15 -7.44	56.01 4.56 -10.74	58.59 5.31 -7.86	55.24 5.30 -7.86	45.21 3.93 -3.90	44.57 3.74 -4.13	42.23 3.25 -5.77	39.77 3.20 -2.90	40.22 3.19 -4.17	43.34 3.31 -6.92	46.80 3.38 -8.56	54.89 4.33 -12.58	70.00 5.83 -20.04	67.60 6.09 -15.41	56.98 5.37 -10.01	55.81 4.76 -12.63	53.78 4.03 -12.06	46.71 3.59 -6.81	46.40 3.28 -8.24
LISF____SOLAR 323691	44.37 2.92 -8.60	40.37 2.58 -6.69	40.40 2.57 -6.82	39.47 2.60 -5.49	40.50 2.81 -5.73	45.36 3.26 -7.44	56.05 4.60 -10.74	58.45 5.18 -7.86	55.07 5.13 -7.86	45.24 3.96 -3.90	44.61 3.78 -4.13	42.30 3.32 -5.77	39.81 3.23 -2.90	40.26 3.22 -4.17	43.28 3.25 -6.92	46.84 3.42 -8.56	54.93 4.37 -12.58	70.09 5.92 -20.04	67.74 6.22 -15.41	57.10 5.49 -10.01	55.88 4.84 -12.63	53.82 4.07 -12.06	46.78 3.66 -6.81	46.51 3.38 -8.24
LITTLE FALLS____HYD 24013	33.34 0.49 0.00	31.57 0.47 0.00	31.44 0.43 0.00	31.78 0.41 0.00	32.40 0.45 0.00	35.19 0.52 0.00	41.49 0.77 0.00	46.33 0.91 0.00	42.88 0.80 0.00	37.98 0.60 0.00	37.25 0.55 0.00	33.74 0.53 0.00	34.18 0.51 0.00	33.36 0.49 0.00	33.57 0.46 0.00	35.35 0.49 0.00	38.56 0.57 0.00	44.88 0.75 0.00	46.76 0.65 0.00	42.18 0.58 0.00	38.95 0.54 0.00	38.25 0.57 0.00	36.92 0.62 0.00	35.48 0.59 0.00
LITTLRIV_115KV_TB1 356100	33.34 0.49 0.00	31.82 0.72 0.00	31.69 0.68 0.00	32.10 0.72 0.00	32.46 0.51 0.00	35.15 0.49 0.00	40.96 0.24 0.00	45.65 0.23 0.00	41.96 -0.13 0.00	37.80 0.41 0.00	37.00 0.29 0.00	33.24 0.03 0.00	33.81 0.13 0.00	32.93 0.07 0.00	33.14 0.03 0.00	34.93 0.07 0.00	38.14 0.15 0.00	44.04 -0.09 0.00	45.97 -0.14 0.00	41.31 -0.29 0.00	38.18 -0.23 0.00	37.76 0.08 0.00	36.56 0.25 0.00	35.23 0.35 0.00

LI_NEWBRDGE___DRP 323616	43.32 1.87 -8.60	39.47 1.68 -6.69	39.47 1.64 -6.82	38.56 1.69 -5.49	39.54 1.85 -5.73	44.05 1.94 -7.44	54.26 2.81 -10.74	56.91 3.63 -7.86	53.48 3.53 -7.86	44.09 2.80 -3.90	43.51 2.68 -4.13	41.44 2.46 -5.77	39.03 2.46 -2.90	39.47 2.43 -4.17	42.48 2.45 -6.92	45.96 2.54 -8.56	53.56 3.00 -12.58	68.06 3.88 -20.04	65.57 4.06 -15.41	55.27 3.66 -10.02	54.27 3.23 -12.63	52.46 2.71 -12.06	45.76 2.65 -6.81	45.50 2.37 -8.24
LOCKPORT_115KV_TB60_63_64 80432	30.75 -2.10 0.00	29.43 -1.68 0.00	29.12 -1.89 0.00	29.08 -2.29 0.00	29.91 -2.04 0.00	32.31 -2.36 0.00	37.86 -2.85 0.00	40.55 -4.86 0.01	37.83 -4.25 0.00	33.27 -4.11 0.00	32.32 -4.37 0.01	29.52 -3.69 0.00	30.21 -3.47 0.00	29.48 -3.38 0.00	29.60 -3.51 0.00	31.27 -3.59 0.00	33.43 -4.56 0.00	38.87 -5.21 0.05	40.48 -5.58 0.05	36.93 -4.66 0.01	34.14 -4.26 0.01	32.96 -4.67 0.05	31.93 -4.32 0.05	31.40 -3.49 0.00
LOCKPORT___CC1 323769	30.75 -2.10 0.00	29.43 -1.68 0.00	29.12 -1.89 0.00	29.18 -2.20 0.00	29.88 -2.08 0.00	32.34 -2.32 0.00	37.99 -2.73 0.00	40.59 -4.82 0.01	37.91 -4.17 0.00	33.23 -4.15 0.00	32.21 -4.48 0.01	29.55 -3.65 0.00	30.21 -3.47 0.00	29.48 -3.38 0.00	29.80 -3.31 0.00	31.34 -3.52 0.00	33.43 -4.56 0.00	38.87 -5.21 0.05	40.52 -5.53 0.05	36.97 -4.62 0.01	34.10 -4.30 0.01	32.95 -4.67 0.05	31.93 -4.32 0.05	31.64 -3.24 0.00
LOCKPORT___CC2 323770	30.75 -2.10 0.00	29.43 -1.68 0.00	29.12 -1.89 0.00	29.18 -2.20 0.00	29.88 -2.08 0.00	32.34 -2.32 0.00	37.99 -2.73 0.00	40.59 -4.82 0.01	37.91 -4.17 0.00	33.23 -4.15 0.00	32.21 -4.48 0.01	29.55 -3.65 0.00	30.21 -3.47 0.00	29.48 -3.38 0.00	29.80 -3.31 0.00	31.34 -3.52 0.00	33.43 -4.56 0.00	38.87 -5.21 0.05	40.52 -5.53 0.05	36.97 -4.62 0.01	34.10 -4.30 0.01	32.95 -4.67 0.05	31.93 -4.32 0.05	31.64 -3.24 0.00
LOCKPORT___CC3 323771	30.75 -2.10 0.00	29.43 -1.68 0.00	29.12 -1.89 0.00	29.18 -2.20 0.00	29.88 -2.08 0.00	32.34 -2.32 0.00	37.99 -2.73 0.00	40.59 -4.82 0.01	37.91 -4.17 0.00	33.23 -4.15 0.00	32.21 -4.48 0.01	29.55 -3.65 0.00	30.21 -3.47 0.00	29.48 -3.38 0.00	29.80 -3.31 0.00	31.34 -3.52 0.00	33.43 -4.56 0.00	38.87 -5.21 0.05	40.52 -5.53 0.05	36.97 -4.62 0.01	34.10 -4.30 0.01	32.95 -4.67 0.05	31.93 -4.32 0.05	31.64 -3.24 0.00
LONG_LAKE_PHOENIX 24014	31.80 -1.05 0.00	30.14 -0.96 0.00	29.99 -1.02 0.00	30.34 -1.04 0.00	30.96 -0.99 0.00	33.63 -1.04 0.00	39.78 -0.94 0.00	43.97 -1.45 0.00	40.69 -1.39 0.00	35.93 -1.46 0.00	35.16 -1.54 0.00	31.88 -1.33 0.00	32.33 -1.35 0.00	31.52 -1.35 0.00	31.75 -1.36 0.00	33.46 -1.39 0.00	36.51 -1.48 0.00	42.64 -1.50 -0.01	44.55 -1.57 -0.01	40.27 -1.33 0.00	37.15 -1.27 0.00	36.26 -1.43 -0.01	34.82 -1.49 -0.01	33.49 -1.40 0.00
LOVETT___3 23632	34.07 1.22 0.00	32.13 1.03 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.17 1.21 0.00	35.91 1.25 0.00	42.71 1.99 0.00	48.10 2.68 0.00	44.73 2.65 0.00	39.37 1.98 0.00	38.61 1.91 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.60 1.74 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.15 2.17 0.00	47.09 2.96 0.00	49.20 3.09 0.00	44.34 2.75 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.19 1.89 0.00	36.56 1.67 0.00
LOVETT___4 23642	34.07 1.22 0.00	32.13 1.03 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.17 1.21 0.00	35.91 1.25 0.00	42.71 1.99 0.00	48.10 2.68 0.00	44.73 2.65 0.00	39.37 1.98 0.00	38.61 1.91 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.60 1.74 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.15 2.17 0.00	47.09 2.96 0.00	49.20 3.09 0.00	44.34 2.75 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.19 1.89 0.00	36.56 1.67 0.00
LOVETT___5 23593	34.07 1.22 0.00	32.13 1.03 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.17 1.21 0.00	35.91 1.25 0.00	42.71 1.99 0.00	48.10 2.68 0.00	44.73 2.65 0.00	39.37 1.98 0.00	38.61 1.91 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.60 1.74 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.15 2.17 0.00	47.09 2.96 0.00	49.20 3.09 0.00	44.34 2.75 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.19 1.89 0.00	36.56 1.67 0.00
LOWER RAQUET___HYD 24057	32.85 0.00 0.00	31.35 0.25 0.00	31.26 0.25 0.00	31.66 0.28 0.00	31.98 0.03 0.00	34.60 -0.07 0.00	40.18 -0.53 0.00	44.74 -0.68 0.00	41.12 -0.97 0.00	37.08 -0.30 0.00	36.41 -0.29 0.00	32.64 -0.56 0.00	33.20 -0.47 0.00	32.34 -0.53 0.00	32.55 -0.56 0.00	34.30 -0.56 0.00	37.49 -0.49 0.00	43.20 -0.93 0.00	45.14 -0.97 0.00	40.52 -1.08 0.00	37.53 -0.88 0.00	37.15 -0.53 0.00	35.97 -0.33 0.00	34.68 -0.21 0.00
LOWER___HUDSON 24059	33.97 1.12 0.00	32.10 1.00 0.00	32.00 0.99 0.00	32.41 1.03 0.00	33.04 1.09 0.00	35.78 1.11 0.00	42.26 1.55 0.00	47.37 1.95 0.00	43.89 1.81 0.00	38.66 1.27 0.00	37.95 1.25 0.00	34.33 1.13 0.00	34.78 1.11 0.00	33.98 1.12 0.00	34.24 1.13 0.00	36.04 1.19 0.00	39.47 1.48 0.00	46.12 1.99 0.00	48.23 2.12 0.00	43.55 1.96 0.00	40.06 1.65 0.00	39.08 1.40 0.00	37.65 1.34 0.00	36.14 1.25 0.00
LOWVILLE_115KV_TB2 356335	33.18 0.33 0.00	31.48 0.37 0.00	31.35 0.34 0.00	31.72 0.35 0.00	32.37 0.42 0.00	35.22 0.55 0.00	41.73 1.02 0.00	46.46 1.04 0.00	42.71 0.63 0.00	37.72 0.34 0.00	36.74 0.04 0.00	33.17 -0.03 0.00	33.64 -0.03 0.00	32.80 -0.07 0.00	33.04 -0.07 0.00	34.93 0.07 0.00	38.37 0.38 0.00	45.01 0.88 0.01	46.98 0.88 0.01	42.35 0.75 0.00	39.02 0.61 0.00	38.09 0.41 0.01	36.69 0.40 0.01	35.23 0.35 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.30 1.45 0.00	32.41 1.31 0.00	32.31 1.30 0.00	32.76 1.38 0.00	33.39 1.44 0.00	36.30 1.63 0.00	42.63 1.91 0.00	47.83 2.41 0.00	44.19 2.10 0.00	38.84 1.46 0.00	38.06 1.36 0.00	34.40 1.20 0.00	34.85 1.18 0.00	34.05 1.18 0.00	34.34 1.23 0.00	36.18 1.32 0.00	39.66 1.67 0.00	46.43 2.29 0.00	48.60 2.49 0.00	43.93 2.33 0.00	40.45 2.04 0.00	39.38 1.70 0.00	37.90 1.60 0.00	36.66 1.78 0.00
LUTHERNY_35_KV_BK2 355980	34.33 1.48 0.00	32.41 1.31 0.00	32.34 1.33 0.00	32.79 1.41 0.00	33.39 1.44 0.00	36.30 1.63 0.00	42.67 1.95 0.00	47.87 2.45 0.00	44.23 2.15 0.00	38.88 1.50 0.00	38.10 1.39 0.00	34.43 1.23 0.00	34.85 1.18 0.00	34.05 1.18 0.00	34.34 1.23 0.00	36.22 1.36 0.00	39.70 1.71 0.00	46.47 2.34 0.00	48.65 2.54 0.00	43.97 2.37 0.00	40.48 2.07 0.00	39.41 1.73 0.00	37.90 1.60 0.00	36.66 1.78 0.00
LWR___OSWEGATCHIE_HYD 23850	32.65 -0.20 0.00	31.07 -0.03 0.00	30.98 -0.03 0.00	31.34 -0.03 0.00	31.82 -0.13 0.00	34.53 -0.14 0.00	40.51 -0.20 0.00	45.10 -0.32 0.00	41.45 -0.63 0.00	36.97 -0.41 0.00	36.12 -0.59 0.00	32.51 -0.70 0.00	33.00 -0.67 0.00	32.17 -0.69 0.00	32.42 -0.70 0.00	34.20 -0.66 0.00	37.49 -0.49 0.00	43.65 -0.49 0.00	45.60 -0.51 0.00	41.01 -0.58 0.00	37.83 -0.58 0.00	37.19 -0.49 0.00	35.94 -0.36 0.00	34.57 -0.31 0.00

LYONS_FALL_HYD 23570	33.37 0.52 0.00	31.63 0.53 0.00	31.54 0.53 0.00	31.91 0.53 0.00	32.56 0.61 0.00	35.43 0.76 0.00	41.98 1.26 0.00	46.78 1.36 0.00	43.09 1.01 0.00	38.02 0.63 0.00	37.07 0.37 0.00	33.50 0.30 0.00	33.98 0.30 0.00	33.12 0.26 0.00	33.37 0.26 0.00	35.24 0.38 0.00	38.67 0.68 0.00	45.32 1.19 0.01	47.30 1.20 0.01	42.68 1.08 0.00	39.29 0.88 0.00	38.39 0.71 0.01	36.95 0.65 0.01	35.48 0.59 0.00
MADISON___COUNTY_LFGE 323628	33.67 0.82 0.00	31.91 0.81 0.00	31.79 0.78 0.00	32.16 0.78 0.00	32.85 0.89 0.00	35.78 1.11 0.00	42.42 1.71 0.00	47.19 1.77 0.00	43.55 1.47 0.00	38.36 0.97 0.00	37.40 0.70 0.00	33.84 0.63 0.00	34.28 0.61 0.00	33.45 0.59 0.00	33.71 0.60 0.00	35.56 0.70 0.00	38.98 0.99 0.00	45.62 1.50 0.02	47.61 1.52 0.02	43.01 1.41 0.00	39.64 1.23 0.00	38.61 0.94 0.02	37.12 0.83 0.02	35.72 0.84 0.00
MALONE___115KV_TB1 356076	34.33 1.48 0.00	32.63 1.52 0.00	32.47 1.46 0.00	32.88 1.51 0.00	33.36 1.41 0.00	36.12 1.46 0.00	42.02 1.30 0.00	46.64 1.23 0.00	42.88 0.80 0.00	38.84 1.46 0.00	38.06 1.36 0.00	34.03 0.83 0.00	34.65 0.98 0.00	33.72 0.85 0.00	33.94 0.83 0.00	35.73 0.87 0.00	39.17 1.18 0.00	45.15 1.02 0.00	47.12 1.01 0.00	42.18 0.58 0.00	38.95 0.54 0.00	38.47 0.79 0.00	37.10 0.80 0.00	35.93 1.05 0.00
MAPLEWOD_115KV_TB3 80458	33.70 0.85 0.00	31.85 0.75 0.00	31.79 0.78 0.00	32.22 0.85 0.00	32.78 0.83 0.00	35.60 0.94 0.00	42.02 1.30 0.00	47.14 1.73 0.00	43.64 1.56 0.00	38.43 1.05 0.00	37.77 1.06 0.00	34.17 0.96 0.00	34.62 0.94 0.00	33.82 0.95 0.00	34.10 0.99 0.00	35.90 1.05 0.00	39.36 1.37 0.00	45.90 1.77 0.00	48.00 1.89 0.00	43.30 1.71 0.00	39.87 1.46 0.00	38.96 1.28 0.00	37.46 1.16 0.00	35.97 1.08 0.00
MAPLE_RIDGE_WT_1 323574	32.82 -0.03 0.00	31.11 0.00 0.00	30.98 -0.03 0.00	31.28 -0.09 0.00	31.79 -0.16 0.00	34.49 -0.17 0.00	40.35 -0.37 0.00	45.05 -0.36 0.00	41.70 -0.38 0.00	37.27 -0.11 0.00	36.70 0.00 0.00	33.17 -0.03 0.00	33.64 -0.03 0.00	32.83 -0.03 0.00	33.04 -0.07 0.00	34.75 -0.10 0.00	37.80 -0.19 0.00	43.65 -0.48 0.00	45.51 -0.60 0.00	41.01 -0.58 0.00	37.95 -0.46 0.00	37.38 -0.30 0.00	36.05 -0.25 0.00	34.68 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	32.82 -0.03 0.00	31.11 0.00 0.00	30.98 -0.03 0.00	31.28 -0.09 0.00	31.79 -0.16 0.00	34.49 -0.17 0.00	40.35 -0.37 0.00	45.05 -0.36 0.00	41.70 -0.38 0.00	37.27 -0.11 0.00	36.70 0.00 0.00	33.17 -0.03 0.00	33.64 -0.03 0.00	32.83 -0.03 0.00	33.04 -0.07 0.00	34.75 -0.10 0.00	37.80 -0.19 0.00	43.65 -0.48 0.00	45.51 -0.60 0.00	41.01 -0.58 0.00	37.95 -0.46 0.00	37.38 -0.30 0.00	36.05 -0.25 0.00	34.68 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	34.29 1.44 0.00	32.54 1.43 0.00	32.41 1.40 0.00	32.79 1.41 0.00	33.29 1.34 0.00	36.09 1.42 0.00	41.77 1.06 0.00	46.42 1.00 0.00	42.71 0.63 0.00	38.58 1.20 0.00	37.91 1.21 0.00	33.93 0.73 0.00	34.55 0.87 0.00	33.62 0.76 0.00	33.84 0.73 0.00	35.66 0.80 0.00	38.97 0.99 0.00	44.88 0.75 0.00	46.85 0.74 0.00	41.97 0.37 0.00	38.83 0.42 0.00	38.36 0.68 0.00	36.92 0.62 0.00	35.83 0.94 0.00
MARSHVLE_115KV_TB1 80742	35.12 2.27 0.00	33.22 2.12 0.00	33.12 2.11 0.00	33.57 2.20 0.00	34.25 2.30 0.00	37.37 2.70 0.00	44.54 3.83 0.00	49.51 4.09 0.00	45.57 3.49 0.00	39.85 2.47 0.00	38.79 2.09 0.00	35.13 1.93 0.00	35.56 1.89 0.00	34.74 1.87 0.00	35.03 1.92 0.00	37.09 2.23 0.00	40.72 2.74 0.00	48.01 3.88 0.01	50.25 4.15 0.01	45.47 3.87 0.00	41.87 3.46 0.00	40.77 3.09 0.01	39.09 2.80 0.01	37.50 2.62 0.00
MARSH_HILL_WT_PWR 323713	33.80 0.95 0.00	32.04 0.93 0.00	31.85 0.84 0.00	32.16 0.78 0.00	32.97 1.02 0.00	35.85 1.18 0.00	42.75 2.03 0.00	46.94 1.50 -0.02	43.26 1.18 0.00	37.91 0.52 0.00	36.84 0.15 0.01	33.44 0.23 0.00	33.94 0.27 0.00	33.03 0.17 0.00	33.37 0.26 0.00	35.17 0.31 0.00	38.41 0.42 0.00	44.85 0.75 0.03	46.72 0.65 0.03	42.54 0.91 -0.02	39.31 0.88 -0.02	37.95 0.30 0.03	36.49 0.22 0.03	35.48 0.59 0.00
MCINTYRE_115KV_TB2 80467	33.67 0.82 0.00	32.13 1.03 0.00	32.00 0.99 0.00	32.41 1.04 0.00	32.78 0.83 0.00	35.53 0.87 0.00	41.41 0.69 0.00	46.15 0.73 0.00	42.42 0.34 0.00	38.17 0.79 0.00	37.40 0.70 0.00	33.60 0.40 0.00	34.15 0.47 0.00	33.29 0.43 0.00	33.51 0.40 0.00	35.31 0.45 0.00	38.56 0.57 0.00	44.53 0.40 0.00	46.48 0.37 0.00	41.76 0.17 0.00	38.64 0.23 0.00	38.21 0.53 0.00	36.96 0.65 0.00	35.58 0.70 0.00
MECO___69_KV_BK1 80468	36.50 3.65 0.00	34.50 3.39 0.00	34.39 3.38 0.00	34.86 3.48 0.00	35.50 3.55 0.00	38.86 4.19 0.00	46.45 5.74 0.00	51.69 6.27 0.00	47.38 5.30 0.00	41.16 3.78 0.00	40.01 3.30 0.00	36.09 2.89 0.00	36.57 2.90 0.00	35.75 2.89 0.00	36.12 3.01 0.00	38.41 3.56 0.00	42.32 4.33 0.00	50.05 5.91 0.00	52.43 6.32 0.00	47.63 6.03 0.00	43.83 5.42 0.00	42.47 4.79 0.00	40.66 4.36 0.00	39.04 4.15 0.00
MENANDS___115KV_TB5 355628	33.54 0.69 0.00	31.73 0.62 0.00	31.66 0.65 0.00	32.07 0.69 0.00	32.62 0.67 0.00	35.43 0.76 0.00	41.77 1.06 0.00	46.87 1.45 0.00	43.43 1.35 0.00	38.24 0.86 0.00	37.62 0.92 0.00	34.03 0.83 0.00	34.48 0.81 0.00	33.68 0.82 0.00	33.94 0.83 0.00	35.77 0.91 0.00	39.17 1.18 0.00	45.63 1.50 0.00	47.72 1.61 0.00	43.09 1.50 0.00	39.64 1.23 0.00	38.74 1.06 0.00	37.28 0.98 0.00	35.79 0.91 0.00
MG INDUSTRY___DRP 24185	33.64 0.79 0.00	31.82 0.72 0.00	31.75 0.74 0.00	32.16 0.78 0.00	32.72 0.77 0.00	35.50 0.83 0.00	41.89 1.18 0.00	46.96 1.54 0.00	43.47 1.39 0.00	38.32 0.93 0.00	37.62 0.92 0.00	34.03 0.83 0.00	34.48 0.81 0.00	33.68 0.82 0.00	33.97 0.86 0.00	35.77 0.91 0.00	39.13 1.14 0.00	45.63 1.50 0.00	47.72 1.61 0.00	43.09 1.50 0.00	39.72 1.31 0.00	38.77 1.09 0.00	37.32 1.02 0.00	35.86 0.98 0.00
MID___OSWEGATCHIE_HYD 23849	32.65 -0.20 0.00	31.07 -0.03 0.00	30.98 -0.03 0.00	31.34 -0.03 0.00	31.82 -0.13 0.00	34.53 -0.14 0.00	40.51 -0.20 0.00	45.10 -0.32 0.00	41.45 -0.63 0.00	36.97 -0.41 0.00	36.12 -0.59 0.00	32.51 -0.70 0.00	33.00 -0.67 0.00	32.17 -0.69 0.00	32.42 -0.70 0.00	34.20 -0.66 0.00	37.49 -0.49 0.00	43.65 -0.49 0.00	45.60 -0.51 0.00	41.01 -0.58 0.00	37.83 -0.58 0.00	37.19 -0.49 0.00	35.94 -0.36 0.00	34.57 -0.31 0.00
MID___RAQUETTE_HYD 23851	32.85 0.00 0.00	31.35 0.25 0.00	31.26 0.25 0.00	31.66 0.28 0.00	31.98 0.03 0.00	34.60 -0.07 0.00	40.18 -0.53 0.00	44.74 -0.68 0.00	41.11 -0.97 0.00	37.05 -0.34 0.00	36.34 -0.37 0.00	32.64 -0.56 0.00	33.20 -0.47 0.00	32.34 -0.53 0.00	32.55 -0.56 0.00	34.30 -0.56 0.00	37.46 -0.53 0.00	43.21 -0.93 0.00	45.14 -0.97 0.00	40.52 -1.08 0.00	37.49 -0.92 0.00	37.08 -0.60 0.00	35.98 -0.33 0.00	34.71 -0.17 0.00

MILLIKEN___1 23584	33.28 0.43 0.00	31.54 0.44 0.00	31.38 0.37 0.00	31.75 0.38 0.00	32.43 0.48 0.00	35.29 0.62 0.00	41.89 1.18 0.00	46.34 0.91 -0.02	42.84 0.76 0.00	37.68 0.30 0.00	36.73 0.04 0.01	33.24 0.03 0.00	33.71 0.03 0.00	32.83 -0.03 0.00	33.11 0.00 0.00	34.93 0.07 0.00	38.25 0.27 0.00	44.77 0.66 0.02	46.73 0.65 0.02	42.36 0.75 -0.02	39.12 0.69 -0.01	37.96 0.30 0.02	36.39 0.11 0.02	35.09 0.21 0.00
MILLIKEN___2 23585	33.28 0.43 0.00	31.54 0.44 0.00	31.38 0.37 0.00	31.75 0.38 0.00	32.43 0.48 0.00	35.29 0.62 0.00	41.89 1.18 0.00	46.34 0.91 -0.02	42.84 0.76 0.00	37.68 0.30 0.00	36.73 0.04 0.01	33.24 0.03 0.00	33.71 0.03 0.00	32.83 -0.03 0.00	33.11 0.00 0.00	34.93 0.07 0.00	38.25 0.27 0.00	44.77 0.66 0.02	46.73 0.65 0.02	42.36 0.75 -0.02	39.12 0.69 -0.01	37.96 0.30 0.02	36.39 0.11 0.02	35.09 0.21 0.00
MILLIKEN___DIESEL 23629	33.28 0.43 0.00	31.54 0.44 0.00	31.38 0.37 0.00	31.75 0.38 0.00	32.43 0.48 0.00	35.29 0.62 0.00	41.89 1.18 0.00	46.34 0.91 -0.02	42.84 0.76 0.00	37.68 0.30 0.00	36.73 0.04 0.01	33.24 0.03 0.00	33.71 0.03 0.00	32.83 -0.03 0.00	33.11 0.00 0.00	34.93 0.07 0.00	38.25 0.27 0.00	44.77 0.66 0.02	46.73 0.65 0.02	42.36 0.75 -0.02	39.12 0.69 -0.01	37.96 0.30 0.02	36.39 0.11 0.02	35.09 0.21 0.00
MILLSEAT___LFGE 323607	31.31 -1.54 0.00	29.92 -1.18 0.00	29.65 -1.36 0.00	29.71 -1.66 0.00	30.45 -1.50 0.00	33.00 -1.66 0.00	38.92 -1.79 0.00	41.82 -3.59 0.01	39.01 -3.07 0.00	34.13 -3.25 0.00	32.98 -3.71 0.01	30.22 -2.99 0.00	30.85 -2.83 0.00	30.10 -2.76 0.00	30.43 -2.68 0.00	32.04 -2.82 0.00	34.30 -3.68 0.00	39.98 -4.10 0.05	41.77 -4.29 0.05	38.01 -3.58 0.01	35.06 -3.34 0.01	33.86 -3.77 0.05	32.73 -3.52 0.05	32.30 -2.58 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.23 1.38 0.00	32.29 1.18 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.29 1.34 0.00	36.05 1.39 0.00	42.87 2.16 0.00	48.37 2.95 0.00	44.94 2.86 0.00	39.55 2.17 0.00	38.83 2.13 0.00	35.13 1.93 0.00	35.56 1.89 0.00	34.77 1.91 0.00	35.03 1.92 0.00	36.81 1.95 0.00	40.38 2.39 0.00	47.35 3.22 0.00	49.43 3.32 0.00	44.59 3.00 0.00	41.02 2.61 0.00	39.79 2.11 0.00	38.37 2.07 0.00	36.70 1.81 0.00
MILLWOOD_13_KV_LOAD 356217	34.30 1.45 0.00	32.35 1.24 0.00	32.25 1.24 0.00	32.69 1.32 0.00	33.36 1.41 0.00	36.12 1.46 0.00	42.95 2.24 0.00	48.51 3.09 0.00	45.07 2.99 0.00	39.67 2.28 0.00	38.91 2.20 0.00	35.20 1.99 0.00	35.63 1.95 0.00	34.80 1.94 0.00	35.06 1.95 0.00	36.88 2.02 0.00	40.46 2.47 0.00	47.49 3.35 0.00	49.57 3.46 0.00	44.72 3.12 0.00	41.10 2.69 0.00	39.90 2.22 0.00	38.44 2.14 0.00	36.77 1.88 0.00
MODEL_CITY_ENERGY 24167	30.42 -2.43 0.00	29.15 -1.96 0.00	28.84 -2.17 0.00	28.90 -2.48 0.00	29.59 -2.36 0.00	32.00 -2.67 0.00	37.50 -3.22 0.00	40.09 -5.31 0.01	37.41 -4.67 0.00	32.79 -4.60 0.00	31.77 -4.92 0.01	29.15 -4.05 0.00	29.84 -3.84 0.00	29.12 -3.75 0.00	29.40 -3.71 0.00	30.92 -3.94 0.00	32.97 -5.02 0.00	38.34 -5.74 0.05	39.97 -6.09 0.05	36.47 -5.12 0.01	33.64 -4.76 0.01	32.50 -5.12 0.05	31.53 -4.72 0.05	31.22 -3.66 0.00
MODERN_LFGE___ 323580	30.42 -2.43 0.00	29.15 -1.96 0.00	28.84 -2.17 0.00	28.90 -2.48 0.00	29.59 -2.36 0.00	32.00 -2.67 0.00	37.50 -3.22 0.00	40.09 -5.31 0.01	37.41 -4.67 0.00	32.79 -4.60 0.00	31.77 -4.92 0.01	29.15 -4.05 0.00	29.84 -3.84 0.00	29.12 -3.75 0.00	29.40 -3.71 0.00	30.92 -3.94 0.00	32.97 -5.02 0.00	38.34 -5.74 0.05	39.97 -6.09 0.05	36.47 -5.12 0.01	33.64 -4.76 0.01	32.50 -5.12 0.05	31.53 -4.72 0.05	31.22 -3.66 0.00
MOHAWK_PAPER___DRP 24187	33.70 0.85 0.00	31.85 0.75 0.00	31.79 0.78 0.00	32.22 0.85 0.00	32.78 0.83 0.00	35.60 0.94 0.00	42.02 1.30 0.00	47.14 1.73 0.00	43.64 1.56 0.00	38.43 1.05 0.00	37.77 1.06 0.00	34.17 0.96 0.00	34.62 0.94 0.00	33.82 0.95 0.00	34.10 0.99 0.00	35.90 1.05 0.00	39.36 1.37 0.00	45.90 1.77 0.00	48.00 1.89 0.00	43.30 1.71 0.00	39.87 1.46 0.00	38.96 1.28 0.00	37.46 1.16 0.00	35.97 1.08 0.00
MOHICAN__35_KV_115KV_LD 80490	34.39 1.54 0.00	32.44 1.34 0.00	32.37 1.36 0.00	32.85 1.47 0.00	33.52 1.57 0.00	36.50 1.84 0.00	42.46 1.75 0.00	47.69 2.27 0.00	44.02 1.94 0.00	38.54 1.16 0.00	37.73 1.03 0.00	34.10 0.90 0.00	34.48 0.81 0.00	33.68 0.82 0.00	34.00 0.89 0.00	35.87 1.01 0.00	39.36 1.37 0.00	46.25 2.12 0.00	48.46 2.35 0.00	43.84 2.25 0.00	40.29 1.88 0.00	39.15 1.47 0.00	37.65 1.34 0.00	36.84 1.95 0.00
MONGAUP___HYD 23641	33.61 0.76 0.00	31.73 0.62 0.00	31.63 0.62 0.00	32.06 0.69 0.00	32.62 0.67 0.00	35.46 0.80 0.00	42.14 1.42 0.00	47.33 1.91 0.00	43.81 1.73 0.00	38.43 1.05 0.00	37.58 0.88 0.00	33.97 0.76 0.00	34.38 0.71 0.00	33.58 0.72 0.00	33.87 0.76 0.00	35.69 0.84 0.00	39.24 1.25 0.00	46.12 1.99 0.00	48.23 2.12 0.00	43.47 1.87 0.00	40.02 1.61 0.00	38.89 1.21 0.00	37.46 1.16 0.00	35.83 0.94 0.00
MONTAUK___DIESEL 23721	45.00 3.55 -8.60	40.93 3.14 -6.69	40.96 3.13 -6.82	40.04 3.17 -5.49	41.07 3.39 -5.73	45.99 3.88 -7.44	57.11 5.66 -10.74	59.82 6.54 -7.86	56.38 6.44 -7.86	46.03 4.75 -3.90	45.35 4.51 -4.13	42.96 3.98 -5.77	40.48 3.91 -2.90	40.91 3.88 -4.17	44.07 4.04 -6.92	47.46 4.04 -8.56	55.77 5.20 -12.58	71.19 7.02 -20.04	68.85 7.33 -15.41	58.06 6.45 -10.01	56.84 5.80 -12.63	54.64 4.90 -12.06	47.58 4.47 -6.81	47.35 4.22 -8.24
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.39 -0.46 0.00	30.92 -0.19 0.00	30.58 -0.43 0.00	30.62 -0.75 0.00	31.54 -0.42 0.00	34.08 -0.59 0.00	40.39 -0.33 0.00	43.10 -2.32 0.01	40.48 -1.60 0.00	35.25 -2.13 0.00	34.23 -2.46 0.01	31.21 -1.99 0.00	31.89 -1.78 0.00	31.12 -1.74 0.00	31.26 -1.85 0.00	33.15 -1.71 0.00	35.56 -2.43 0.00	41.26 -2.82 0.05	42.37 -3.69 0.05	39.10 -2.50 0.01	36.18 -2.23 0.00	34.77 -2.86 0.05	33.57 -2.69 0.05	33.18 -1.71 0.00
MORTIMER_115KV_TB3 55949	31.54 -1.31 0.00	30.02 -1.09 0.00	29.77 -1.24 0.00	29.90 -1.47 0.00	30.64 -1.31 0.00	33.25 -1.42 0.00	39.25 -1.47 0.00	42.81 -2.59 0.02	39.85 -2.23 0.00	35.07 -2.32 0.00	34.16 -2.53 0.02	31.05 -2.16 0.00	31.62 -2.05 0.00	30.83 -2.04 0.00	31.02 -2.09 0.00	32.73 -2.13 0.00	35.37 -2.62 0.00	41.30 -2.78 0.05	43.33 -2.72 0.05	39.08 -2.50 0.02	36.09 -2.30 0.01	34.99 -2.64 0.05	33.74 -2.50 0.05	32.72 -2.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.30 1.45 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.64 3.22 0.00	45.28 3.20 0.00	39.89 2.50 0.00	39.13 2.42 0.00	37.37 2.22 -1.94	37.34 2.22 -1.44	37.36 2.20 -2.30	37.08 2.22 -1.75	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.86 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00

MUNSVILLE_WIND_PWR 323609	36.24 3.38 0.00	34.34 3.23 0.00	34.14 3.13 0.00	34.54 3.17 0.00	35.43 3.48 0.00	38.76 4.09 0.00	46.54 5.82 0.00	51.56 6.13 -0.01	47.21 5.13 0.00	40.94 3.55 0.00	39.42 2.72 0.01	35.73 2.52 0.00	36.17 2.49 0.00	35.20 2.33 0.00	35.53 2.42 0.00	37.58 2.72 0.00	41.60 3.61 0.00	49.41 5.29 0.02	51.48 5.39 0.02	46.56 4.95 -0.01	42.84 4.42 -0.01	41.39 3.73 0.02	39.80 3.52 0.02	38.31 3.42 0.00
N SALMON___HYD 24042	34.33 1.48 0.00	32.63 1.52 0.00	32.47 1.46 0.00	32.88 1.51 0.00	33.36 1.40 0.00	36.12 1.46 0.00	42.02 1.30 0.00	46.65 1.23 0.00	42.88 0.80 0.00	38.84 1.46 0.00	38.10 1.39 0.00	34.04 0.83 0.00	34.65 0.98 0.00	33.72 0.85 0.00	33.94 0.83 0.00	35.73 0.87 0.00	39.20 1.22 0.00	45.15 1.02 0.00	47.12 1.01 0.00	42.18 0.58 0.00	39.02 0.61 0.00	38.55 0.87 0.00	37.14 0.84 0.00	35.93 1.05 0.00
N.AKRON__115KV_KNAPP 355671	31.31 -1.54 0.00	29.92 -1.18 0.00	29.61 -1.40 0.00	29.62 -1.76 0.00	30.45 -1.50 0.00	32.97 -1.70 0.00	38.80 -1.91 0.00	41.68 -3.72 0.01	38.88 -3.20 0.00	34.13 -3.25 0.00	33.13 -3.56 0.01	30.22 -2.99 0.00	30.85 -2.83 0.00	30.10 -2.76 0.00	30.26 -2.85 0.00	31.97 -2.89 0.00	34.27 -3.72 0.00	39.93 -4.15 0.05	41.72 -4.33 0.05	37.92 -3.66 0.01	35.06 -3.34 0.01	33.82 -3.81 0.05	32.69 -3.56 0.05	32.06 -2.83 0.00
N.BELMOR_69_KV_BK1 55787	43.58 2.14 -8.60	39.69 1.90 -6.69	39.72 1.89 -6.82	38.81 1.95 -5.49	39.76 2.08 -5.73	44.32 2.22 -7.44	54.63 3.18 -10.74	57.32 4.04 -7.86	53.85 3.91 -7.86	44.35 3.07 -3.90	43.80 2.97 -4.13	41.70 2.72 -5.77	39.27 2.69 -2.90	39.73 2.69 -4.17	42.74 2.72 -6.92	46.21 2.79 -8.56	53.87 3.30 -12.58	68.32 4.15 -20.04	65.80 4.29 -15.40	55.48 3.87 -10.01	54.42 3.38 -12.63	52.79 3.05 -12.06	46.02 2.90 -6.81	45.78 2.65 -8.24
N.E_GEN_SANDY PD 24062	42.08 1.25 -7.98	38.28 1.12 -6.06	39.28 1.15 -7.12	36.71 1.19 -4.14	37.09 1.24 -3.89	44.00 1.32 -8.02	49.40 1.75 -6.94	56.00 2.27 -8.31	51.38 2.19 -7.11	43.43 1.64 -4.40	38.85 1.61 -0.53	37.70 1.50 -3.00	35.50 1.48 -0.34	34.90 1.48 -0.56	37.91 1.46 -3.34	42.80 1.50 -6.44	47.80 1.82 -7.99	57.36 2.43 -10.80	58.59 2.53 -9.95	53.87 2.29 -9.99	51.60 1.96 -11.23	51.50 1.66 -12.16	46.06 1.64 -8.12	43.90 1.57 -7.44
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.13 1.28 0.00	32.19 1.09 0.00	32.06 1.05 0.00	32.50 1.13 0.00	33.20 1.25 0.00	35.95 1.28 0.00	42.75 2.04 0.00	48.19 2.77 0.00	44.77 2.69 0.00	39.40 2.02 0.00	38.65 1.95 0.00	35.00 1.79 0.00	35.43 1.75 0.00	34.64 1.77 0.00	34.87 1.75 0.00	36.67 1.81 0.00	40.23 2.24 0.00	47.13 3.00 0.00	49.25 3.14 0.00	44.43 2.83 0.00	40.87 2.46 0.00	39.68 2.00 0.00	38.23 1.92 0.00	36.59 1.71 0.00
N.QUEENS_27_KV_LOAD 356247	34.26 1.41 0.00	32.26 1.15 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.05 1.39 0.00	43.12 2.40 0.00	48.64 3.22 0.00	45.36 3.28 0.00	40.04 2.65 0.00	39.20 2.50 0.00	37.42 2.29 -1.92	37.36 2.26 -1.43	37.41 2.27 -2.28	37.13 2.28 -1.73	37.70 2.37 -0.47	40.95 2.96 0.00	47.88 3.75 0.00	50.31 4.20 -0.01	45.26 3.66 0.00	41.60 3.19 0.00	40.36 2.68 0.00	38.95 2.65 0.00	37.01 2.13 0.00
N.TROY___115KV_TB1 355778	33.97 1.12 0.00	32.10 1.00 0.00	32.00 0.99 0.00	32.44 1.07 0.00	33.04 1.09 0.00	35.85 1.18 0.00	42.26 1.55 0.00	47.42 2.00 0.00	43.89 1.81 0.00	38.66 1.27 0.00	37.95 1.25 0.00	34.33 1.13 0.00	34.79 1.11 0.00	33.98 1.12 0.00	34.24 1.13 0.00	36.08 1.22 0.00	39.51 1.52 0.00	46.12 1.99 0.00	48.28 2.17 0.00	43.55 1.96 0.00	40.10 1.69 0.00	39.15 1.47 0.00	37.68 1.38 0.00	36.25 1.36 0.00
NARROWS_GT1_1 24228	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT1_2 24229	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT1_3 24230	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT1_4 24231	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT1_5 24232	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT1_6 24233	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT1_7 24234	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00

NARROWS_GT1_8 24235	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT2_1 24236	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT2_2 24237	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT2_3 24238	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT2_4 24239	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT2_5 24240	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT2_6 24241	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT2_7 24242	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NARROWS_GT2_8 24243	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.20 1.35 0.00	32.32 1.21 0.00	32.25 1.24 0.00	32.69 1.32 0.00	33.17 1.21 0.00	36.09 1.42 0.00	42.75 2.04 0.00	47.83 2.41 0.00	44.10 2.02 0.00	38.47 1.08 0.00	37.66 0.95 0.00	33.97 0.76 0.00	34.42 0.74 0.00	33.62 0.76 0.00	33.97 0.86 0.00	35.87 1.01 0.00	39.43 1.44 0.00	46.21 2.07 0.00	48.46 2.35 0.00	43.72 2.12 0.00	40.25 1.84 0.00	39.30 1.62 0.00	37.79 1.49 0.00	36.28 1.40 0.00
NCHELSEA_115KV_TR2 355582	34.36 1.51 0.00	32.44 1.34 0.00	32.34 1.33 0.00	32.79 1.41 0.00	33.39 1.44 0.00	36.19 1.53 0.00	43.03 2.32 0.00	48.42 3.00 0.00	44.99 2.90 0.00	39.48 2.09 0.00	38.69 1.98 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.57 1.71 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.23 2.24 0.00	47.22 3.09 0.00	49.38 3.27 0.00	44.51 2.91 0.00	40.98 2.57 0.00	39.79 2.11 0.00	38.33 2.03 0.00	36.70 1.81 0.00
NEG CAPITAL___MECHNVIL 23645	34.33 1.48 0.00	32.41 1.31 0.00	32.34 1.33 0.00	32.75 1.38 0.00	33.39 1.44 0.00	36.05 1.39 0.00	42.71 1.99 0.00	47.91 2.50 0.00	44.31 2.23 0.00	38.92 1.53 0.00	38.13 1.43 0.00	34.50 1.29 0.00	34.92 1.25 0.00	34.11 1.25 0.00	34.40 1.29 0.00	36.29 1.43 0.00	39.74 1.75 0.00	46.56 2.43 0.00	48.78 2.67 0.00	44.05 2.45 0.00	40.52 2.11 0.00	39.45 1.77 0.00	37.94 1.64 0.00	36.42 1.53 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.14 -1.71 0.00	29.61 -1.49 0.00	29.40 -1.61 0.00	29.62 -1.76 0.00	30.29 -1.66 0.00	32.90 -1.77 0.00	38.92 -1.79 0.00	42.62 -2.77 0.02	39.64 -2.44 0.00	34.81 -2.58 0.00	33.86 -2.83 0.01	30.85 -2.36 0.00	31.35 -2.32 0.00	30.56 -2.30 0.00	30.86 -2.25 0.00	32.45 -2.40 0.00	35.18 -2.81 0.00	41.08 -3.00 0.05	42.97 -3.09 0.05	38.91 -2.66 0.02	35.85 -2.54 0.02	34.84 -2.79 0.05	33.46 -2.79 0.05	32.55 -2.34 0.00
NEG CENTRAL___DRP 24199	32.59 -0.26 0.00	30.89 -0.22 0.00	30.73 -0.28 0.00	31.03 -0.35 0.00	31.76 -0.19 0.00	34.53 -0.14 0.00	40.96 0.24 0.00	45.24 -0.27 -0.10	41.75 -0.34 0.00	36.75 -0.64 0.00	35.93 -0.77 0.01	32.54 -0.66 0.00	33.00 -0.67 0.00	32.14 -0.72 0.00	32.42 -0.70 0.00	34.16 -0.70 0.00	37.27 -0.72 0.00	43.53 -0.57 0.03	45.39 -0.69 0.03	41.28 -0.42 -0.10	38.11 -0.38 -0.08	36.97 -0.68 0.03	35.44 -0.83 0.03	34.26 -0.63 0.00
NEG CENTRAL___INDECK 23768	32.42 -0.43 0.00	30.76 -0.34 0.00	30.55 -0.46 0.00	30.81 -0.56 0.00	31.57 -0.38 0.00	34.35 -0.31 0.00	41.00 0.29 0.00	44.84 -0.59 -0.01	41.49 -0.59 0.00	36.11 -1.27 0.00	35.00 -1.69 0.01	31.84 -1.36 0.00	32.29 -1.38 0.00	31.45 -1.41 0.00	31.85 -1.26 0.00	33.61 -1.25 0.00	36.66 -1.33 0.00	42.99 -1.10 0.04	44.87 -1.20 0.04	40.78 -0.83 -0.01	37.65 -0.77 -0.01	36.36 -1.28 0.04	34.88 -1.38 0.04	33.94 -0.94 0.00

NEG CENTRAL___SENECA 23627	32.82 -0.03 0.00	31.14 0.03 0.00	30.95 -0.06 0.00	31.25 -0.13 0.00	32.02 0.06 0.00	34.81 0.14 0.00	41.28 0.57 0.00	45.57 0.00 -0.16	42.00 -0.08 0.00	36.94 -0.45 0.00	36.07 -0.62 0.01	32.67 -0.53 0.00	33.17 -0.51 0.00	32.30 -0.56 0.00	32.55 -0.56 0.00	34.34 -0.52 0.00	37.46 -0.53 0.00	43.70 -0.40 0.04	45.56 -0.51 0.04	41.50 -0.25 -0.16	38.35 -0.19 -0.13	37.15 -0.49 0.04	35.57 -0.69 0.04	34.47 -0.42 0.00
NEG CENTRAL___STATE_STREET 24147	32.56 -0.30 0.00	30.86 -0.25 0.00	30.70 -0.31 0.00	31.03 -0.35 0.00	31.73 -0.22 0.00	34.53 -0.14 0.00	40.96 0.24 0.00	45.27 -0.18 -0.03	41.87 -0.21 0.00	36.90 -0.49 0.00	36.07 -0.62 0.01	32.64 -0.56 0.00	33.10 -0.57 0.00	32.24 -0.62 0.00	32.51 -0.60 0.00	34.27 -0.59 0.00	37.42 -0.57 0.00	43.71 -0.40 0.02	45.67 -0.41 0.02	41.38 -0.25 -0.03	38.20 -0.23 -0.02	37.09 -0.57 0.02	35.59 -0.69 0.02	34.29 -0.59 0.00
NEG MILLWOOD___DRP 24198	34.53 1.68 0.00	32.60 1.49 0.00	32.50 1.49 0.00	32.94 1.57 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.24 2.52 0.00	48.82 3.41 0.00	45.28 3.20 0.00	39.70 2.32 0.00	38.91 2.20 0.00	35.13 1.93 0.00	35.53 1.85 0.00	34.74 1.87 0.00	34.97 1.85 0.00	36.78 1.92 0.00	40.50 2.51 0.00	47.62 3.49 0.00	49.75 3.64 0.00	44.84 3.24 0.00	41.25 2.84 0.00	40.02 2.34 0.00	38.52 2.21 0.00	36.87 1.99 0.00
NEG NORTH_FLCN_SEA 23793	34.79 1.94 0.00	33.00 1.90 0.00	32.87 1.86 0.00	33.29 1.91 0.00	33.80 1.85 0.00	36.61 1.94 0.00	42.26 1.55 0.00	46.87 1.45 0.00	43.09 1.01 0.00	38.99 1.61 0.00	38.21 1.50 0.00	34.20 1.00 0.00	34.82 1.14 0.00	33.88 1.02 0.00	34.07 0.96 0.00	35.90 1.05 0.00	39.32 1.33 0.00	45.32 1.19 0.00	47.31 1.20 0.00	42.35 0.75 0.00	39.10 0.69 0.00	38.62 0.94 0.00	37.17 0.87 0.00	36.35 1.47 0.00
NEG NORTH_KES_CHATEGAY 23792	34.36 1.51 0.00	32.60 1.49 0.00	32.47 1.46 0.00	32.85 1.47 0.00	33.36 1.41 0.00	36.16 1.49 0.00	41.89 1.18 0.00	46.51 1.09 0.00	42.80 0.72 0.00	38.69 1.31 0.00	37.95 1.25 0.00	34.00 0.80 0.00	34.62 0.94 0.00	33.72 0.85 0.00	33.94 0.83 0.00	35.77 0.91 0.00	39.09 1.10 0.00	45.02 0.88 0.00	46.99 0.88 0.00	42.10 0.50 0.00	38.87 0.46 0.00	38.43 0.75 0.00	37.03 0.73 0.00	35.90 1.01 0.00
NEG NORTH___ALICE_FALLS 23915	34.85 2.00 0.00	33.07 1.96 0.00	32.90 1.89 0.00	33.32 1.95 0.00	33.84 1.89 0.00	36.68 2.01 0.00	42.55 1.83 0.00	47.19 1.77 0.00	43.34 1.26 0.00	39.22 1.83 0.00	38.43 1.73 0.00	34.30 1.10 0.00	34.95 1.28 0.00	34.01 1.15 0.00	34.20 1.09 0.00	36.04 1.19 0.00	39.55 1.56 0.00	45.63 1.50 0.00	47.63 1.52 0.00	42.60 1.00 0.00	39.33 0.92 0.00	38.77 1.09 0.00	37.35 1.05 0.00	36.38 1.50 0.00
NEG NORTH___LWR_SARANAC 23913	34.85 2.00 0.00	33.07 1.96 0.00	32.90 1.89 0.00	33.32 1.95 0.00	33.84 1.89 0.00	36.68 2.01 0.00	42.55 1.83 0.00	47.19 1.77 0.00	43.34 1.26 0.00	39.22 1.83 0.00	38.43 1.73 0.00	34.30 1.10 0.00	34.95 1.28 0.00	34.01 1.15 0.00	34.20 1.09 0.00	36.04 1.19 0.00	39.55 1.56 0.00	45.63 1.50 0.00	47.63 1.52 0.00	42.60 1.00 0.00	39.33 0.92 0.00	38.77 1.09 0.00	37.35 1.05 0.00	36.38 1.50 0.00
NEG NORTH___PLATTSBURG 23628	34.85 2.00 0.00	33.07 1.96 0.00	32.90 1.89 0.00	33.32 1.95 0.00	33.84 1.88 0.00	36.68 2.01 0.00	42.55 1.83 0.00	47.19 1.77 0.00	43.34 1.26 0.00	39.22 1.83 0.00	38.47 1.76 0.00	34.30 1.09 0.00	34.95 1.28 0.00	33.98 1.12 0.00	34.20 1.09 0.00	36.04 1.19 0.00	39.58 1.60 0.00	45.63 1.50 0.00	47.63 1.52 0.00	42.59 1.00 0.00	39.37 0.96 0.00	38.85 1.17 0.00	37.36 1.05 0.00	36.38 1.50 0.00
NEG WEST_LEA_LOCKPORT 23791	30.75 -2.10 0.00	29.43 -1.68 0.00	29.12 -1.89 0.00	29.08 -2.29 0.00	29.87 -2.08 0.00	32.31 -2.36 0.00	37.86 -2.85 0.00	40.50 -4.91 0.01	37.83 -4.25 0.00	33.27 -4.11 0.00	32.36 -4.33 0.01	29.55 -3.65 0.00	30.21 -3.47 0.00	29.48 -3.38 0.00	29.63 -3.48 0.00	31.30 -3.56 0.00	33.43 -4.56 0.00	38.87 -5.21 0.05	40.48 -5.58 0.05	36.93 -4.66 0.01	34.14 -4.26 0.01	32.96 -4.67 0.05	31.93 -4.32 0.05	31.43 -3.45 0.00
NEG WEST___LANCASTER 23811	32.13 -0.72 0.00	30.64 -0.47 0.00	30.36 -0.65 0.00	30.40 -0.97 0.00	31.28 -0.67 0.00	33.73 -0.94 0.00	39.86 -0.86 0.00	41.87 -3.54 0.01	39.89 -2.19 0.00	35.07 -2.32 0.00	34.08 -2.61 0.01	31.08 -2.13 0.00	31.76 -1.92 0.00	30.99 -1.87 0.00	31.12 -1.99 0.00	32.73 -2.13 0.00	35.18 -2.81 0.00	40.33 -3.75 0.05	40.85 -5.21 0.05	38.47 -3.12 0.01	35.91 -2.50 0.01	34.47 -3.17 0.05	33.17 -3.09 0.05	33.07 -1.81 0.00
NEG_PENN_ALLEGHNY 23528	32.98 0.13 0.00	31.23 0.12 0.00	31.10 0.09 0.00	31.44 0.06 0.00	32.11 0.16 0.00	34.84 0.17 0.00	41.33 0.61 0.00	45.66 0.23 -0.01	42.42 0.34 0.00	37.35 -0.04 0.00	36.48 -0.22 0.01	33.07 -0.13 0.00	33.57 -0.10 0.00	32.73 -0.13 0.00	33.01 -0.10 0.00	34.75 -0.10 0.00	37.91 -0.00 0.00	44.29 0.18 0.02	46.18 0.09 0.02	41.86 0.25 -0.01	38.61 0.19 -0.01	37.51 -0.15 0.02	36.10 -0.18 0.02	34.88 0.00 0.00
NEG___GEN_MONROE 24207	31.57 -1.28 0.00	30.05 -1.06 0.00	29.83 -1.18 0.00	29.96 -1.41 0.00	30.74 -1.21 0.00	33.28 -1.39 0.00	39.21 -1.51 0.00	42.63 -2.77 0.02	39.73 -2.36 0.00	34.88 -2.50 0.00	33.86 -2.83 0.02	30.81 -2.39 0.00	31.39 -2.29 0.00	30.56 -2.30 0.00	30.79 -2.32 0.00	32.45 -2.41 0.00	35.02 -2.96 0.00	40.94 -3.13 0.05	42.97 -3.09 0.05	38.75 -2.83 0.02	35.75 -2.65 0.01	34.61 -3.01 0.05	33.45 -2.80 0.05	32.55 -2.34 0.00
NEPA___ENERGY 23901	31.73 -1.12 0.00	30.30 -0.81 0.00	29.99 -1.02 0.00	30.06 -1.32 0.00	30.93 -1.02 0.00	33.35 -1.32 0.00	39.41 -1.30 0.00	42.10 -3.32 0.01	39.51 -2.57 0.00	34.73 -2.65 0.00	33.79 -2.90 0.01	30.85 -2.36 0.00	31.49 -2.19 0.00	30.73 -2.14 0.00	30.89 -2.22 0.00	32.52 -2.34 0.00	34.95 -3.04 0.00	40.51 -3.57 0.05	41.77 -4.29 0.05	38.47 -3.12 0.01	35.72 -2.69 0.01	34.35 -3.28 0.05	33.17 -3.09 0.05	32.72 -2.16 0.00
NEVERSINK___HYD 23608	33.90 1.05 0.00	32.01 0.90 0.00	31.91 0.90 0.00	32.32 0.94 0.00	32.91 0.96 0.00	35.78 1.11 0.00	42.59 1.87 0.00	47.87 2.45 0.00	44.39 2.31 0.00	38.84 1.46 0.00	37.99 1.28 0.00	34.30 1.09 0.00	33.71 0.03 0.00	32.93 0.07 0.00	33.18 0.07 0.00	34.96 0.10 0.00	38.48 0.49 0.00	45.32 1.19 0.00	47.45 1.34 0.00	42.72 1.12 0.00	40.41 2.00 0.00	39.23 1.55 0.00	37.86 1.56 0.00	36.18 1.29 0.00
NEWKRMKL_115KV_TB1 55635	33.34 0.49 0.00	31.54 0.44 0.00	31.48 0.47 0.00	31.88 0.50 0.00	32.43 0.48 0.00	35.22 0.55 0.00	41.57 0.85 0.00	46.60 1.18 0.00	43.18 1.09 0.00	38.02 0.64 0.00	37.36 0.66 0.00	33.80 0.60 0.00	34.25 0.57 0.00	33.45 0.59 0.00	33.74 0.63 0.00	35.52 0.66 0.00	38.94 0.95 0.00	45.37 1.24 0.00	47.45 1.34 0.00	42.85 1.25 0.00	39.45 1.04 0.00	38.51 0.83 0.00	37.03 0.73 0.00	35.55 0.66 0.00

NEWTON___FALLS_HYD 23847	32.65 -0.20 0.00	31.07 -0.03 0.00	30.98 -0.03 0.00	31.34 -0.03 0.00	31.82 -0.13 0.00	34.53 -0.14 0.00	40.51 -0.20 0.00	45.10 -0.32 0.00	41.45 -0.63 0.00	36.97 -0.41 0.00	36.12 -0.59 0.00	32.51 -0.70 0.00	33.00 -0.67 0.00	32.17 -0.69 0.00	32.42 -0.70 0.00	34.20 -0.66 0.00	37.49 -0.49 0.00	43.65 -0.49 0.00	45.60 -0.51 0.00	41.01 -0.58 0.00	37.83 -0.58 0.00	37.19 -0.49 0.00	35.94 -0.36 0.00	34.57 -0.31 0.00
NGRID_A1_DSASP 323792	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.52 -2.85 0.00	29.20 -2.75 0.00	31.55 -3.12 0.00	37.01 -3.70 0.00	39.64 -5.77 0.01	37.12 -4.97 0.00	32.56 -4.82 0.00	31.59 -5.10 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.24 -3.87 0.00	30.75 -4.11 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.22 -5.37 0.01	33.41 -4.99 0.01	32.32 -5.31 0.05	31.31 -4.94 0.05	31.05 -3.84 0.00
NGRID_A2_DSASP 323793	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.52 -2.85 0.00	29.20 -2.75 0.00	31.55 -3.12 0.00	37.01 -3.70 0.00	39.64 -5.77 0.01	37.12 -4.97 0.00	32.56 -4.82 0.00	31.59 -5.10 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.24 -3.87 0.00	30.75 -4.11 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.22 -5.37 0.01	33.41 -4.99 0.01	32.32 -5.31 0.05	31.31 -4.94 0.05	31.05 -3.84 0.00
NGRID_A4_DSASP 323807	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.52 -2.85 0.00	29.20 -2.75 0.00	31.55 -3.12 0.00	37.01 -3.70 0.00	39.64 -5.77 0.01	37.12 -4.97 0.00	32.56 -4.82 0.00	31.59 -5.10 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.24 -3.87 0.00	30.75 -4.11 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.22 -5.37 0.01	33.41 -4.99 0.01	32.32 -5.31 0.05	31.31 -4.94 0.05	31.05 -3.84 0.00
NIAGARA_115E_LBMP 323715	30.25 -2.60 0.00	28.96 -2.15 0.00	28.68 -2.33 0.00	28.71 -2.67 0.00	29.39 -2.56 0.00	31.79 -2.88 0.00	37.21 -3.50 0.00	39.77 -5.63 0.01	37.07 -5.01 0.00	32.53 -4.86 0.00	31.52 -5.17 0.01	28.92 -4.28 0.00	29.60 -4.08 0.00	28.89 -3.98 0.00	29.17 -3.94 0.00	30.71 -4.15 0.00	32.71 -5.28 0.00	38.04 -6.04 0.05	39.60 -6.46 0.05	36.18 -5.41 0.01	33.37 -5.03 0.01	32.28 -5.35 0.05	31.28 -4.97 0.05	30.98 -3.91 0.00
NIAGARA_115W_LBMP 323714	29.96 -2.89 0.00	28.71 -2.39 0.00	28.41 -2.60 0.00	28.46 -2.92 0.00	29.11 -2.84 0.00	31.48 -3.19 0.00	36.93 -3.79 0.00	39.50 -5.90 0.01	37.03 -5.05 0.00	32.49 -4.90 0.00	31.48 -5.21 0.01	28.89 -4.32 0.00	29.57 -4.11 0.00	28.85 -4.01 0.00	29.14 -3.97 0.00	30.68 -4.18 0.00	32.67 -5.32 0.00	37.99 -6.09 0.05	39.56 -6.50 0.05	36.14 -5.45 0.01	33.33 -5.07 0.01	32.24 -5.39 0.05	31.24 -5.01 0.05	30.94 -3.94 0.00
NIAGARA_230_LBMP 323716	30.49 -2.37 0.00	29.18 -1.93 0.00	28.90 -2.11 0.00	28.96 -2.42 0.00	29.62 -2.33 0.00	32.03 -2.64 0.00	37.58 -3.13 0.00	40.23 -5.18 0.01	37.70 -4.38 0.00	33.09 -4.30 0.00	32.10 -4.59 0.01	29.45 -3.75 0.00	30.14 -3.54 0.00	29.41 -3.45 0.00	29.70 -3.41 0.00	31.23 -3.63 0.00	33.31 -4.67 0.00	38.69 -5.39 0.05	40.29 -5.77 0.05	36.80 -4.78 0.01	33.95 -4.45 0.01	32.84 -4.79 0.05	31.82 -4.43 0.05	31.50 -3.38 0.00
NIAGARA___115KV_198_GIBSON 55903	29.96 -2.89 0.00	28.71 -2.40 0.00	28.41 -2.60 0.00	28.33 -3.04 0.00	29.11 -2.84 0.00	31.44 -3.22 0.00	36.81 -3.91 0.00	39.41 -6.00 0.01	36.91 -5.18 0.00	32.52 -4.86 0.00	31.62 -5.07 0.01	28.89 -4.32 0.00	29.57 -4.11 0.00	28.85 -4.01 0.00	28.97 -4.14 0.00	30.61 -4.25 0.00	32.71 -5.28 0.00	37.99 -6.09 0.05	39.56 -6.50 0.05	36.05 -5.53 0.01	33.37 -5.03 0.01	32.24 -5.39 0.05	31.24 -5.01 0.05	30.73 -4.15 0.00
NIAGARA____ 23760	30.49 -2.37 0.00	29.18 -1.93 0.00	28.90 -2.11 0.00	28.96 -2.42 0.00	29.62 -2.33 0.00	32.03 -2.64 0.00	37.58 -3.13 0.00	40.23 -5.18 0.01	37.70 -4.38 0.00	33.09 -4.30 0.00	32.10 -4.59 0.01	29.45 -3.75 0.00	30.14 -3.54 0.00	29.41 -3.45 0.00	29.70 -3.41 0.00	31.23 -3.63 0.00	33.31 -4.67 0.00	38.69 -5.39 0.05	40.29 -5.77 0.05	36.80 -4.78 0.01	33.95 -4.45 0.01	32.84 -4.79 0.05	31.82 -4.43 0.05	31.50 -3.38 0.00
NINE_MILE_1 23575	31.50 -1.35 0.00	29.86 -1.25 0.00	29.74 -1.27 0.00	30.09 -1.29 0.00	30.67 -1.28 0.00	33.28 -1.39 0.00	39.25 -1.46 0.00	43.47 -1.95 0.00	40.27 -1.81 0.00	35.63 -1.76 0.00	34.80 -1.83 0.07	31.61 -1.59 0.00	32.06 -1.62 0.00	31.29 -1.58 0.00	31.52 -1.59 0.00	33.19 -1.67 0.00	36.17 -1.82 0.00	41.88 -1.99 0.27	43.77 -2.07 0.27	39.81 -1.79 0.00	36.72 -1.69 0.00	35.61 -1.81 0.27	34.26 -1.78 0.27	33.25 -1.64 0.00
NINE_MILE_2 23744	31.50 -1.35 0.00	29.86 -1.25 0.00	29.74 -1.27 0.00	30.09 -1.29 0.00	30.67 -1.28 0.00	33.28 -1.39 0.00	39.25 -1.46 0.00	43.47 -1.95 0.00	40.32 -1.77 0.00	35.63 -1.76 0.00	34.80 -1.83 0.07	31.61 -1.59 0.00	32.06 -1.62 0.00	31.29 -1.58 0.00	31.52 -1.59 0.00	33.19 -1.67 0.00	36.17 -1.82 0.00	41.92 -1.94 0.27	43.81 -2.03 0.27	39.81 -1.79 0.00	36.72 -1.69 0.00	35.60 -1.81 0.27	34.25 -1.78 0.27	33.25 -1.64 0.00
NM_CAPITAL___DRP 24208	33.47 0.62 0.00	31.63 0.53 0.00	31.57 0.56 0.00	31.97 0.60 0.00	32.53 0.58 0.00	35.33 0.66 0.00	41.69 0.98 0.00	46.74 1.32 0.00	43.30 1.22 0.00	38.13 0.75 0.00	37.51 0.81 0.00	33.94 0.73 0.00	34.38 0.71 0.00	33.59 0.72 0.00	33.87 0.76 0.00	35.66 0.80 0.00	39.05 1.06 0.00	45.50 1.37 0.00	47.59 1.48 0.00	42.97 1.37 0.00	39.56 1.15 0.00	38.66 0.98 0.00	37.17 0.87 0.00	35.69 0.80 0.00
NM_CENTRAL___DRP 24181	32.06 -0.79 0.00	30.36 -0.75 0.00	30.23 -0.78 0.00	30.59 -0.78 0.00	31.22 -0.73 0.00	33.90 -0.76 0.00	40.10 -0.61 0.00	44.29 -1.14 0.00	41.03 -1.05 0.00	36.19 -1.20 0.00	35.41 -1.28 0.01	32.08 -1.13 0.00	32.56 -1.11 0.00	31.75 -1.12 0.00	31.99 -1.13 0.00	33.67 -1.19 0.00	36.73 -1.25 0.00	42.86 -1.24 0.03	44.79 -1.29 0.03	40.52 -1.08 0.00	37.38 -1.04 0.00	36.41 -1.24 0.03	34.96 -1.31 0.03	33.70 -1.19 0.00
NM_FRONTIER___DRP 24179	29.96 -2.89 0.00	28.71 -2.40 0.00	28.41 -2.60 0.00	28.33 -3.04 0.00	29.11 -2.84 0.00	31.44 -3.22 0.00	36.81 -3.91 0.00	39.41 -6.00 0.01	36.91 -5.18 0.00	32.52 -4.86 0.00	31.62 -5.07 0.01	28.89 -4.32 0.00	29.57 -4.11 0.00	28.85 -4.01 0.00	28.97 -4.14 0.00	30.61 -4.25 0.00	32.71 -5.28 0.00	37.99 -6.09 0.05	39.56 -6.50 0.05	36.05 -5.53 0.01	33.37 -5.03 0.01	32.24 -5.39 0.05	31.24 -5.01 0.05	30.73 -4.15 0.00
NM_ST_REGIS___HYD 24053	33.21 0.36 0.00	31.67 0.56 0.00	31.57 0.56 0.00	31.97 0.60 0.00	32.33 0.38 0.00	34.98 0.31 0.00	40.63 -0.08 0.00	45.24 -0.18 0.00	41.58 -0.50 0.00	37.50 0.11 0.00	36.78 0.07 0.00	33.01 -0.20 0.00	33.57 -0.10 0.00	32.67 -0.20 0.00	32.91 -0.20 0.00	34.68 -0.17 0.00	37.87 -0.11 0.00	43.69 -0.44 0.00	45.65 -0.46 0.00	40.93 -0.67 0.00	37.83 -0.58 0.00	37.46 -0.23 0.00	36.23 -0.07 0.00	34.99 0.10 0.00

NORTHPORT___1 23551	43.88 2.43 -8.60	40.00 2.21 -6.69	40.00 2.17 -6.82	39.10 2.23 -5.49	40.08 2.40 -5.73	44.71 2.60 -7.44	55.04 3.58 -10.74	57.77 4.50 -7.86	54.28 4.34 -7.86	44.72 3.44 -3.90	44.02 3.19 -4.13	41.87 2.89 -5.77	39.47 2.90 -2.90	39.90 2.86 -4.17	42.91 2.88 -6.92	46.52 3.10 -8.56	54.25 3.68 -12.58	68.94 4.77 -20.04	66.40 4.89 -15.41	56.07 4.45 -10.01	54.88 3.84 -12.63	53.06 3.32 -12.06	46.31 3.20 -6.81	46.06 2.93 -8.24
NORTHPORT___2 23552	43.98 2.53 -8.60	40.13 2.33 -6.69	40.09 2.26 -6.82	39.19 2.32 -5.49	40.21 2.52 -5.73	44.84 2.74 -7.44	55.20 3.74 -10.74	57.91 4.63 -7.86	54.40 4.46 -7.86	44.84 3.55 -3.90	44.06 3.23 -4.13	41.90 2.92 -5.77	39.54 2.96 -2.90	39.96 2.92 -4.17	43.01 2.98 -6.92	46.62 3.20 -8.56	54.36 3.80 -12.58	69.07 4.90 -20.04	66.50 4.98 -15.41	56.19 4.58 -10.01	55.00 3.96 -12.63	53.17 3.43 -12.06	46.41 3.30 -6.81	46.16 3.03 -8.24
NORTHPORT___3 23553	43.32 1.87 -8.60	39.47 1.68 -6.69	39.47 1.64 -6.82	38.56 1.69 -5.49	39.54 1.85 -5.73	44.01 1.91 -7.44	53.90 2.44 -10.74	56.50 3.23 -7.86	53.10 3.16 -7.86	44.01 2.73 -3.90	43.55 2.72 -4.13	41.47 2.49 -5.77	39.03 2.46 -2.90	39.47 2.43 -4.17	42.48 2.45 -6.92	46.00 2.58 -8.56	53.49 2.93 -12.58	67.75 3.57 -20.04	65.25 3.73 -15.41	54.98 3.37 -10.01	54.04 3.00 -12.63	52.34 2.60 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
NORTHPORT___4 23650	43.32 1.87 -8.60	39.47 1.68 -6.69	39.47 1.64 -6.82	38.56 1.69 -5.49	39.54 1.85 -5.73	44.01 1.91 -7.44	53.90 2.44 -10.74	56.50 3.23 -7.86	53.10 3.16 -7.86	44.01 2.73 -3.90	43.55 2.72 -4.13	41.47 2.49 -5.77	39.03 2.46 -2.90	39.47 2.43 -4.17	42.48 2.45 -6.92	46.00 2.58 -8.56	53.49 2.93 -12.58	67.75 3.57 -20.04	65.25 3.73 -15.41	54.98 3.37 -10.01	54.04 3.00 -12.63	52.34 2.60 -12.06	45.76 2.65 -6.81	45.53 2.41 -8.24
NORTHPORT___IC 23718	43.98 2.53 -8.60	40.13 2.33 -6.69	40.09 2.26 -6.82	39.19 2.32 -5.49	40.21 2.52 -5.73	44.84 2.74 -7.44	55.20 3.74 -10.74	57.91 4.63 -7.86	54.40 4.46 -7.86	44.84 3.55 -3.90	44.06 3.23 -4.13	41.90 2.92 -5.77	39.54 2.96 -2.90	39.96 2.92 -4.17	43.01 2.98 -6.92	46.62 3.20 -8.56	54.36 3.80 -12.58	69.07 4.90 -20.04	66.50 4.98 -15.41	56.19 4.58 -10.01	55.00 3.96 -12.63	53.17 3.43 -12.06	46.41 3.30 -6.81	46.16 3.03 -8.24
NORTH___COUNTRY_ESR 323785	34.20 1.35 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.23 1.28 0.00	36.02 1.35 0.00	41.69 0.98 0.00	46.33 0.91 0.00	42.67 0.59 0.00	38.55 1.16 0.00	37.91 1.21 0.00	33.93 0.73 0.00	34.52 0.84 0.00	33.62 0.76 0.00	33.84 0.73 0.00	35.66 0.80 0.00	38.97 0.99 0.00	44.84 0.70 0.00	46.80 0.69 0.00	41.93 0.33 0.00	38.79 0.38 0.00	38.32 0.64 0.00	36.92 0.62 0.00	35.79 0.91 0.00
NPX_GEN_1385_PROXY 323591	44.73 3.28 -8.60	42.10 3.23 -7.76	40.93 3.10 -6.82	40.10 3.23 -5.49	42.20 3.45 -6.80	45.71 3.61 -7.44	56.13 4.68 -10.74	59.09 5.82 -7.86	54.98 5.47 -7.43	46.09 4.37 -4.33	44.32 3.49 -4.13	42.00 3.02 -5.77	39.84 3.27 -2.90	40.26 3.22 -4.17	43.34 3.31 -6.92	47.25 3.83 -8.56	55.20 4.63 -12.58	70.00 5.83 -20.04	67.00 5.48 -15.41	57.40 5.49 -10.31	55.61 4.57 -12.63	53.89 4.14 -12.06	47.03 3.92 -6.81	46.82 3.70 -8.24
NPX_GEN_CSC 323557	44.37 2.92 -8.60	40.37 2.58 -6.69	40.40 2.57 -6.82	39.47 2.60 -5.49	40.50 2.81 -5.73	45.36 3.26 -7.44	56.09 4.64 -10.74	58.41 5.13 -7.86	54.64 5.13 -7.43	45.75 4.04 -4.33	44.65 3.82 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.26 3.22 -4.17	43.31 3.28 -6.92	46.87 3.45 -8.56	54.93 4.37 -12.58	70.13 5.96 -20.04	67.79 6.27 -15.41	57.15 5.53 -10.01	55.92 4.88 -12.63	53.82 4.07 -12.06	46.78 3.66 -6.81	46.55 3.42 -8.24
NSINS_S_GLNS_FALLS 23858	34.36 1.51 0.00	32.41 1.31 0.00	32.34 1.33 0.00	32.82 1.44 0.00	33.49 1.53 0.00	36.47 1.80 0.00	42.34 1.63 0.00	47.55 2.13 0.00	43.89 1.81 0.00	38.43 1.05 0.00	37.62 0.92 0.00	33.97 0.76 0.00	34.38 0.71 0.00	33.59 0.72 0.00	33.91 0.79 0.00	35.77 0.91 0.00	39.24 1.25 0.00	46.12 1.99 0.00	48.32 2.21 0.00	43.72 2.12 0.00	40.18 1.77 0.00	39.04 1.36 0.00	37.54 1.23 0.00	36.80 1.92 0.00
NUCOR_STEEL___DRP 24197	32.56 -0.30 0.00	30.86 -0.25 0.00	30.70 -0.31 0.00	31.03 -0.35 0.00	31.70 -0.26 0.00	34.46 -0.21 0.00	40.84 0.12 0.00	45.12 -0.32 -0.01	41.75 -0.34 0.00	36.79 -0.60 0.00	35.96 -0.73 0.01	32.57 -0.63 0.00	33.04 -0.64 0.00	32.17 -0.69 0.00	32.45 -0.66 0.00	34.20 -0.66 0.00	37.34 -0.65 0.00	43.63 -0.49 0.02	45.58 -0.51 0.02	41.24 -0.37 -0.01	38.08 -0.35 -0.01	37.02 -0.64 0.02	35.55 -0.73 0.02	34.26 -0.63 0.00
NUMBER_THREE_WT_PWR 323818	33.11 0.26 0.00	31.42 0.31 0.00	31.32 0.31 0.00	31.69 0.31 0.00	32.30 0.35 0.00	35.19 0.52 0.00	41.65 0.94 0.00	46.37 0.96 0.00	42.63 0.55 0.00	37.65 0.26 0.00	36.67 -0.04 0.00	33.11 -0.10 0.00	33.57 -0.10 0.00	32.73 -0.13 0.00	32.98 -0.13 0.00	34.86 0.00 0.00	38.29 0.30 0.01	44.92 0.80 0.01	46.89 0.78 0.01	42.26 0.66 0.00	38.95 0.54 0.00	38.01 0.34 0.01	36.62 0.33 0.01	35.16 0.28 0.00
NYISO_LBMP_REFERENCE 24008	32.85 0.00 0.00	31.11 0.00 0.00	31.01 0.00 0.00	31.38 0.00 0.00	31.95 0.00 0.00	34.67 0.00 0.00	40.71 0.00 0.00	45.42 0.00 0.00	42.08 0.00 0.00	37.38 0.00 0.00	36.70 0.00 0.00	33.20 0.00 0.00	33.68 0.00 0.00	32.86 0.00 0.00	33.11 0.00 0.00	34.86 0.00 0.00	37.99 0.00 0.00	44.13 0.00 0.00	46.11 0.00 0.00	41.60 0.00 0.00	38.41 0.00 0.00	37.68 0.00 0.00	36.30 0.00 0.00	34.88 0.00 0.00
NYPA_BRENTWD___GT 24164	44.24 2.79 -8.60	40.31 2.52 -6.69	40.31 2.48 -6.82	39.38 2.51 -5.49	40.40 2.71 -5.73	45.12 3.01 -7.44	55.69 4.23 -10.74	58.36 5.09 -7.86	54.86 4.92 -7.86	45.13 3.85 -3.90	44.43 3.60 -4.13	42.20 3.22 -5.77	39.81 3.23 -2.90	40.22 3.19 -4.17	43.28 3.25 -6.92	46.87 3.45 -8.56	54.74 4.18 -12.58	69.47 5.29 -20.04	67.05 5.53 -15.41	56.56 4.95 -10.01	55.38 4.34 -12.63	53.59 3.85 -12.06	46.71 3.59 -6.81	46.40 3.28 -8.24
NYPA_GOWANUS___GT5 24156	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00
NYPA_GOWANUS___GT6 24157	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.36 1.70 0.00	43.16 2.44 0.00	48.87 3.45 0.00	45.57 3.49 0.00	40.20 2.81 -0.01	39.39 2.68 -0.01	37.56 2.42 -1.93	37.50 2.39 -1.43	37.52 2.37 -2.29	37.23 2.39 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.11 3.97 -0.01	50.41 4.24 -0.07	45.39 3.78 -0.01	41.60 3.19 0.00	40.40 2.71 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00

NYPA_HARLEM__RVR__GT1 24160	34.20 1.35 0.00	32.19 1.09 0.00	31.97 0.96 0.00	32.38 1.00 0.00	33.20 1.24 0.00	36.05 1.39 0.00	42.99 2.28 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.90 2.51 -0.01	39.10 2.38 -0.01	35.64 2.19 -0.25	38.50 2.16 -2.67	35.29 2.13 -0.29	35.48 2.15 -0.22	37.15 2.23 -0.06	40.80 2.81 0.00	47.76 3.62 -0.01	50.18 4.06 -0.01	45.14 3.53 -0.01	41.44 3.03 0.00	40.20 2.52 0.00	38.84 2.54 0.00	36.91 2.02 0.00
NYPA_HARLEM__RVR__GT2 24161	34.20 1.35 0.00	32.19 1.09 0.00	31.97 0.96 0.00	32.38 1.00 0.00	33.20 1.24 0.00	36.05 1.39 0.00	42.99 2.28 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.90 2.51 -0.01	39.10 2.38 -0.01	35.64 2.19 -0.25	38.50 2.16 -2.67	35.29 2.13 -0.29	35.48 2.15 -0.22	37.15 2.23 -0.06	40.80 2.81 0.00	47.76 3.62 -0.01	50.18 4.06 -0.01	45.14 3.53 -0.01	41.44 3.03 0.00	40.20 2.52 0.00	38.84 2.54 0.00	36.91 2.02 0.00
NYPA_KENT____GT 24152	34.40 1.54 0.00	32.38 1.28 0.00	32.25 1.24 0.00	32.66 1.29 0.00	33.45 1.50 0.00	36.33 1.66 0.00	43.16 2.44 0.00	48.78 3.36 0.00	45.49 3.41 0.00	40.16 2.77 -0.01	39.36 2.64 -0.01	37.53 2.39 -1.93	37.46 2.36 -1.43	37.48 2.33 -2.29	37.20 2.35 -1.74	37.78 2.44 -0.48	40.95 2.96 0.00	48.03 3.88 -0.01	50.31 4.15 -0.04	45.27 3.66 -0.01	41.52 3.11 0.00	40.32 2.64 0.00	38.96 2.65 0.00	37.12 2.23 0.00
NYPA_POUCH1____GT 24155	34.43 1.58 0.00	32.41 1.31 0.00	32.25 1.24 0.00	32.66 1.29 0.00	33.49 1.53 0.00	36.30 1.63 0.00	42.99 2.28 0.00	48.64 3.23 0.00	45.37 3.28 0.00	40.05 2.65 -0.01	39.24 2.53 -0.01	37.40 2.26 -1.93	37.33 2.22 -1.43	37.38 2.24 -2.29	37.07 2.22 -1.74	37.71 2.37 -0.48	40.87 2.89 0.00	47.94 3.80 -0.01	50.23 4.06 -0.07	45.22 3.62 -0.01	41.44 3.03 0.00	40.33 2.64 -0.01	38.96 2.65 -0.01	37.15 2.27 0.00
NYPA_VERNON____GT2 24162	34.29 1.44 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.60 1.22 0.00	33.39 1.44 0.00	36.26 1.60 0.00	43.12 2.40 0.00	48.73 3.31 0.00	45.45 3.37 0.00	40.09 2.69 -0.01	39.28 2.57 -0.01	37.46 2.32 -1.93	37.43 2.32 -1.43	37.45 2.30 -2.29	37.17 2.32 -1.74	37.74 2.40 -0.48	40.87 2.89 0.00	47.94 3.80 -0.01	50.14 4.01 -0.02	45.18 3.58 -0.01	41.44 3.03 0.00	40.21 2.52 0.00	38.84 2.54 0.00	37.05 2.16 0.00
NYPA_VERNON____GT3 24163	34.29 1.44 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.60 1.22 0.00	33.39 1.44 0.00	36.26 1.60 0.00	43.12 2.40 0.00	48.73 3.31 0.00	45.45 3.37 0.00	40.09 2.69 -0.01	39.28 2.57 -0.01	37.46 2.32 -1.93	37.43 2.32 -1.43	37.45 2.30 -2.29	37.17 2.32 -1.74	37.74 2.40 -0.48	40.87 2.89 0.00	47.94 3.80 -0.01	50.14 4.01 -0.02	45.18 3.58 -0.01	41.44 3.03 0.00	40.21 2.52 0.00	38.84 2.54 0.00	37.05 2.16 0.00
NYPA__ASTORIA_CC1 323568	34.23 1.38 0.00	32.26 1.15 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.12 1.46 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.13 2.42 -0.01	37.33 2.19 -1.93	37.30 2.19 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.26 -0.48	40.72 2.74 0.00	47.76 3.62 -0.01	49.99 3.87 -0.01	45.02 3.41 -0.01	41.33 2.92 0.00	40.09 2.41 0.00	38.73 2.43 0.00	36.91 2.02 0.00
NYPA__ASTORIA_CC2 323569	34.23 1.38 0.00	32.26 1.15 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.26 1.31 0.00	36.12 1.46 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.24 3.16 0.00	39.94 2.54 -0.01	39.13 2.42 -0.01	37.33 2.19 -1.93	37.30 2.19 -1.43	37.32 2.17 -2.29	37.00 2.15 -1.74	37.61 2.26 -0.48	40.72 2.74 0.00	47.76 3.62 -0.01	49.99 3.87 -0.01	45.02 3.41 -0.01	41.33 2.92 0.00	40.09 2.41 0.00	38.73 2.43 0.00	36.91 2.02 0.00
NYPA__HOLTSVILL 23794	44.21 2.76 -8.60	40.25 2.46 -6.69	40.25 2.42 -6.82	39.35 2.48 -5.49	40.37 2.68 -5.73	45.16 3.05 -7.44	55.77 4.31 -10.74	58.32 5.04 -7.86	54.86 4.92 -7.86	45.10 3.82 -3.90	44.43 3.60 -4.13	42.17 3.19 -5.77	39.74 3.16 -2.90	40.16 3.12 -4.17	43.18 3.15 -6.92	46.73 3.31 -8.56	54.74 4.18 -12.58	69.78 5.61 -20.04	67.37 5.86 -15.41	56.81 5.20 -10.01	55.61 4.57 -12.63	53.59 3.85 -12.06	46.63 3.52 -6.81	46.37 3.24 -8.24
NYPA__HELLGATE_GT1 24158	34.20 1.35 0.00	32.19 1.09 0.00	31.97 0.96 0.00	32.38 1.00 0.00	33.20 1.24 0.00	36.05 1.39 0.00	42.99 2.28 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.90 2.51 -0.01	39.10 2.38 -0.01	39.00 2.19 -3.60	36.01 2.16 -0.18	39.26 2.13 -4.27	38.50 2.15 -3.24	37.98 2.23 -0.89	40.80 2.81 0.00	47.76 3.62 -0.01	50.18 4.06 -0.01	45.14 3.53 -0.01	41.44 3.03 0.00	40.20 2.52 0.00	38.84 2.54 0.00	36.91 2.02 0.00
NYPA__HELLGATE_GT2 24159	34.20 1.35 0.00	32.19 1.09 0.00	31.97 0.96 0.00	32.38 1.00 0.00	33.20 1.24 0.00	36.05 1.39 0.00	42.99 2.28 0.00	48.51 3.09 0.00	45.24 3.16 0.00	39.90 2.51 -0.01	39.10 2.38 -0.01	39.00 2.19 -3.60	36.01 2.16 -0.18	39.26 2.13 -4.27	38.50 2.15 -3.24	37.98 2.23 -0.89	40.80 2.81 0.00	47.76 3.62 -0.01	50.18 4.06 -0.01	45.14 3.53 -0.01	41.44 3.03 0.00	40.20 2.52 0.00	38.84 2.54 0.00	36.91 2.02 0.00
NYS_BARGE__HYD 23848	30.75 -2.10 0.00	29.43 -1.68 0.00	29.12 -1.89 0.00	29.18 -2.20 0.00	29.91 -2.05 0.00	32.34 -2.32 0.00	37.99 -2.73 0.00	40.64 -4.77 0.01	37.91 -4.17 0.00	33.23 -4.15 0.00	32.17 -4.52 0.01	29.52 -3.69 0.00	30.21 -3.47 0.00	29.48 -3.38 0.00	29.77 -3.34 0.00	31.34 -3.52 0.00	33.43 -4.56 0.00	38.87 -5.21 0.05	40.52 -5.53 0.05	36.97 -4.62 0.01	34.10 -4.30 0.01	32.95 -4.67 0.05	31.93 -4.32 0.05	31.60 -3.28 0.00
OAK ORCHARD__HYD 24046	31.54 -1.32 0.00	30.02 -1.09 0.00	29.80 -1.21 0.00	30.00 -1.38 0.00	30.64 -1.31 0.00	33.24 -1.42 0.00	39.29 -1.43 0.00	42.86 -2.54 0.02	39.94 -2.14 0.00	35.07 -2.32 0.00	34.05 -2.64 0.02	31.08 -2.13 0.00	31.62 -2.06 0.00	30.83 -2.04 0.00	31.13 -1.99 0.00	32.77 -2.09 0.00	35.37 -2.62 0.00	41.30 -2.78 0.05	43.20 -2.86 0.05	39.13 -2.45 0.02	36.05 -2.34 0.01	34.99 -2.64 0.05	33.67 -2.58 0.05	32.86 -2.02 0.00
OAKDALE__35_KV_LOAD 356122	32.92 0.07 0.00	31.20 0.09 0.00	31.04 0.03 0.00	31.38 0.00 0.00	32.05 0.10 0.00	34.77 0.10 0.00	41.20 0.49 0.00	45.48 0.05 -0.01	42.29 0.21 0.00	37.27 -0.11 0.00	36.44 -0.26 0.01	33.01 -0.20 0.00	33.51 -0.17 0.00	32.67 -0.20 0.00	32.91 -0.20 0.00	34.65 -0.21 0.00	37.84 -0.15 0.00	44.16 0.04 0.02	46.00 -0.09 0.02	41.73 0.12 -0.01	38.57 0.15 -0.01	37.47 -0.19 0.02	36.03 -0.25 0.02	34.78 -0.10 0.00
OCC_CHEM__DRP 24175	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.43 -2.95 0.00	29.20 -2.75 0.00	31.51 -3.15 0.00	36.93 -3.79 0.00	39.50 -5.90 0.01	37.03 -5.05 0.00	32.60 -4.79 0.00	31.73 -4.96 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.07 -4.04 0.00	30.71 -4.15 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.18 -5.41 0.01	33.45 -4.95 0.01	32.32 -5.31 0.05	31.35 -4.90 0.05	30.84 -4.05 0.00

OH_GEN_PROXY 24063	30.52 -2.33 0.00	29.24 -1.87 0.00	28.93 -2.08 0.00	28.99 -2.39 0.00	29.68 -2.27 0.00	32.07 -2.60 0.00	37.66 -3.05 0.00	40.41 -5.00 0.01	37.40 -4.25 0.43	33.67 -4.15 -0.43	32.21 -4.48 0.01	29.55 -3.65 0.00	30.24 -3.44 0.00	29.51 -3.35 0.00	29.80 -3.31 0.00	31.34 -3.52 0.00	33.47 -4.52 0.00	38.83 -5.25 0.05	40.48 -5.58 0.05	36.97 -4.62 0.01	34.10 -4.30 0.01	32.99 -4.64 0.05	31.93 -4.32 0.05	31.57 -3.31 0.00
OLIN_CORP_DRP 24177	30.32 -2.53 0.00	29.02 -2.08 0.00	28.72 -2.29 0.00	28.68 -2.70 0.00	29.46 -2.49 0.00	31.82 -2.84 0.00	37.21 -3.50 0.00	39.78 -5.63 0.01	37.03 -5.05 0.00	32.60 -4.79 0.00	31.73 -4.96 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.07 -4.04 0.00	30.71 -4.15 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.18 -5.41 0.01	33.45 -4.95 0.01	32.32 -5.31 0.05	31.35 -4.90 0.05	30.84 -4.05 0.00
OLIN_CORP_DSASP 323712	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.52 -2.85 0.00	29.20 -2.75 0.00	31.55 -3.12 0.00	37.01 -3.70 0.00	39.64 -5.77 0.01	37.12 -4.97 0.00	32.56 -4.82 0.00	31.59 -5.10 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.24 -3.87 0.00	30.75 -4.11 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.22 -5.37 0.01	33.41 -4.99 0.01	32.32 -5.31 0.05	31.31 -4.94 0.05	31.05 -3.84 0.00
ONEIDA_HERK_LFGE 323681	33.51 0.66 0.00	31.76 0.65 0.00	31.63 0.62 0.00	32.00 0.63 0.00	32.69 0.74 0.00	35.57 0.90 0.00	42.10 1.39 0.00	47.01 1.59 0.00	43.30 1.22 0.00	38.21 0.82 0.00	37.29 0.59 0.00	33.70 0.50 0.00	34.18 0.51 0.00	33.32 0.46 0.00	33.57 0.46 0.00	35.42 0.56 0.00	38.82 0.83 0.00	45.49 1.37 0.01	47.53 1.43 0.01	42.84 1.25 0.00	39.48 1.07 0.00	38.54 0.87 0.01	37.09 0.80 0.01	35.65 0.77 0.00
ONEIDA___115KV_TB4 55905	33.67 0.82 0.00	31.91 0.81 0.00	31.79 0.78 0.00	32.16 0.78 0.00	32.85 0.89 0.00	35.78 1.11 0.00	42.42 1.71 0.00	47.19 1.77 0.00	43.55 1.47 0.00	38.36 0.97 0.00	37.40 0.70 0.00	33.84 0.63 0.00	34.28 0.61 0.00	33.45 0.59 0.00	33.71 0.60 0.00	35.56 0.70 0.00	38.98 0.99 0.00	45.62 1.50 0.02	47.61 1.52 0.02	43.01 1.41 0.00	39.64 1.23 0.00	38.61 0.94 0.02	37.12 0.83 0.02	35.72 0.84 0.00
ONONDAGA_REF_OCCRA 23987	32.33 -0.53 0.00	30.61 -0.50 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.44 -0.51 0.00	34.18 -0.49 0.00	40.43 -0.28 0.00	44.70 -0.73 -0.01	41.41 -0.67 0.00	36.52 -0.86 0.00	35.71 -0.99 0.01	32.37 -0.83 0.00	32.83 -0.84 0.00	32.01 -0.85 0.00	32.25 -0.86 0.00	33.99 -0.87 0.00	37.08 -0.91 0.00	43.31 -0.79 0.03	45.21 -0.88 0.03	40.90 -0.71 -0.01	37.76 -0.65 -0.01	36.75 -0.90 0.03	35.29 -0.98 0.03	34.01 -0.87 0.00
ONONDAGA___COGEN 23986	32.33 -0.53 0.00	30.61 -0.50 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.44 -0.51 0.00	34.15 -0.52 0.00	40.43 -0.28 0.00	44.70 -0.73 -0.01	41.37 -0.72 0.00	36.52 -0.86 0.00	35.71 -0.99 0.01	32.37 -0.83 0.00	32.83 -0.84 0.00	32.01 -0.85 0.00	32.25 -0.86 0.00	33.95 -0.91 0.00	37.08 -0.91 0.00	43.28 -0.84 0.02	45.21 -0.88 0.02	40.90 -0.71 -0.01	37.73 -0.69 -0.01	36.76 -0.90 0.02	35.30 -0.98 0.02	34.01 -0.87 0.00
ONTARIO___LFGE 23819	32.82 -0.03 0.00	31.14 0.03 0.00	30.95 -0.06 0.00	31.25 -0.12 0.00	32.02 0.06 0.00	34.81 0.14 0.00	41.33 0.61 0.00	45.62 0.05 -0.16	42.04 -0.04 0.00	36.97 -0.41 0.00	36.00 -0.70 0.01	32.71 -0.50 0.00	33.17 -0.50 0.00	32.30 -0.56 0.00	32.62 -0.50 0.00	34.37 -0.49 0.00	37.46 -0.53 0.00	43.70 -0.40 0.04	45.61 -0.46 0.04	41.55 -0.21 -0.16	38.31 -0.23 -0.13	37.12 -0.53 0.04	35.61 -0.65 0.04	34.54 -0.35 0.00
ORANGEVILLE_WT_PWR 323706	31.14 -1.71 0.00	29.80 -1.31 0.00	29.49 -1.52 0.00	29.55 -1.82 0.00	30.29 -1.66 0.00	32.73 -1.94 0.00	38.56 -2.16 0.00	41.19 -4.22 0.01	38.59 -3.49 0.00	33.83 -3.55 0.00	32.76 -3.93 0.01	30.05 -3.16 0.00	30.75 -2.93 0.00	30.00 -2.86 0.00	30.26 -2.85 0.00	31.86 -3.00 0.00	34.04 -3.95 0.00	39.49 -4.59 0.05	41.08 -4.98 0.05	37.55 -4.03 0.01	34.68 -3.73 0.01	33.45 -4.18 0.05	32.47 -3.78 0.05	32.16 -2.72 0.00
ORANGEVILLE___ESR 323794	31.14 -1.71 0.00	29.80 -1.31 0.00	29.49 -1.52 0.00	29.55 -1.82 0.00	30.29 -1.66 0.00	32.73 -1.94 0.00	38.56 -2.16 0.00	41.19 -4.22 0.01	38.59 -3.49 0.00	33.83 -3.55 0.00	32.76 -3.93 0.01	30.05 -3.16 0.00	30.75 -2.93 0.00	30.00 -2.86 0.00	30.26 -2.85 0.00	31.86 -3.00 0.00	34.04 -3.95 0.00	39.49 -4.59 0.05	41.08 -4.98 0.05	37.55 -4.03 0.01	34.68 -3.73 0.01	33.45 -4.18 0.05	32.47 -3.78 0.05	32.16 -2.72 0.00
OSWEGATCHIE___HYD 24044	32.65 -0.20 0.00	31.07 -0.03 0.00	30.98 -0.03 0.00	31.34 -0.03 0.00	31.82 -0.13 0.00	34.53 -0.14 0.00	40.51 -0.20 0.00	45.10 -0.32 0.00	41.45 -0.63 0.00	36.97 -0.41 0.00	36.15 -0.55 0.00	32.51 -0.70 0.00	33.00 -0.67 0.00	32.17 -0.69 0.00	32.41 -0.70 0.00	34.20 -0.66 0.00	37.49 -0.49 0.00	43.65 -0.48 0.00	45.60 -0.51 0.00	41.01 -0.58 0.00	37.87 -0.54 0.00	37.23 -0.45 0.00	35.94 -0.36 0.00	34.57 -0.31 0.00
OSWEGO___5 23606	31.77 -1.08 0.00	30.11 -1.00 0.00	29.99 -1.02 0.00	30.34 -1.03 0.00	30.93 -1.02 0.00	33.56 -1.11 0.00	39.62 -1.10 0.00	43.87 -1.54 0.00	40.65 -1.43 0.00	35.93 -1.46 0.00	35.19 -1.54 -0.02	31.84 -1.36 0.00	32.33 -1.35 0.00	31.51 -1.35 0.00	31.79 -1.33 0.00	33.46 -1.40 0.00	36.47 -1.52 0.00	42.63 -1.59 -0.08	44.49 -1.71 -0.08	40.14 -1.46 0.00	37.03 -1.38 0.00	36.25 -1.51 -0.08	34.86 -1.52 -0.08	33.52 -1.36 0.00
OSWEGO___6 23613	31.77 -1.08 0.00	30.11 -1.00 0.00	29.99 -1.02 0.00	30.34 -1.03 0.00	30.93 -1.02 0.00	33.56 -1.11 0.00	39.62 -1.10 0.00	43.87 -1.54 0.00	40.65 -1.43 0.00	35.93 -1.46 0.00	35.19 -1.54 -0.02	31.84 -1.36 0.00	32.33 -1.35 0.00	31.51 -1.35 0.00	31.79 -1.33 0.00	33.46 -1.40 0.00	36.47 -1.52 0.00	42.63 -1.59 -0.08	44.49 -1.71 -0.08	40.14 -1.46 0.00	37.03 -1.38 0.00	36.25 -1.51 -0.08	34.86 -1.52 -0.08	33.52 -1.36 0.00
OUTOKUMPU-AB___DRP 24206	30.91 -1.94 0.00	29.58 -1.52 0.00	29.27 -1.74 0.00	29.24 -2.13 0.00	30.07 -1.89 0.00	32.48 -2.18 0.00	38.15 -2.56 0.00	40.77 -4.63 0.01	38.21 -3.87 0.00	33.61 -3.78 0.00	32.65 -4.04 0.01	29.82 -3.39 0.00	30.51 -3.17 0.00	29.77 -3.09 0.00	29.90 -3.21 0.00	31.58 -3.28 0.00	33.77 -4.22 0.00	39.23 -4.85 0.05	40.75 -5.30 0.05	37.26 -4.33 0.01	34.48 -3.92 0.01	33.26 -4.37 0.05	32.18 -4.07 0.05	31.68 -3.21 0.00
OXBOW___BTM 323836	30.49 -2.37 0.00	29.21 -1.90 0.00	28.90 -2.11 0.00	28.96 -2.42 0.00	29.65 -2.30 0.00	32.07 -2.60 0.00	37.66 -3.05 0.00	40.32 -5.09 0.01	37.79 -4.29 0.00	33.12 -4.26 0.00	32.06 -4.63 0.01	29.42 -3.79 0.00	30.10 -3.57 0.00	29.38 -3.48 0.00	29.67 -3.44 0.00	31.23 -3.63 0.00	33.31 -4.67 0.00	38.74 -5.34 0.05	40.34 -5.72 0.05	36.84 -4.74 0.01	33.95 -4.45 0.01	32.80 -4.82 0.05	31.82 -4.43 0.05	31.50 -3.38 0.00

OXBOW____ 24026	30.49 -2.37 0.00	29.21 -1.90 0.00	28.90 -2.11 0.00	28.83 -2.54 0.00	29.65 -2.30 0.00	32.03 -2.63 0.00	37.58 -3.13 0.00	40.23 -5.18 0.01	37.66 -4.42 0.00	33.16 -4.22 0.00	32.25 -4.44 0.01	29.42 -3.79 0.00	30.11 -3.57 0.00	29.38 -3.48 0.00	29.50 -3.61 0.00	31.16 -3.70 0.00	33.32 -4.67 0.00	38.74 -5.34 0.05	40.29 -5.76 0.05	36.76 -4.83 0.01	33.98 -4.42 0.01	32.81 -4.82 0.05	31.78 -4.47 0.05	31.29 -3.59 0.00
OXY_CHEM_DSASP 323612	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.43 -2.95 0.00	29.20 -2.75 0.00	31.51 -3.15 0.00	36.93 -3.79 0.00	39.50 -5.90 0.01	37.03 -5.05 0.00	32.60 -4.79 0.00	31.73 -4.96 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.07 -4.04 0.00	30.71 -4.15 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.18 -5.41 0.01	33.45 -4.95 0.01	32.32 -5.31 0.05	31.35 -4.90 0.05	30.84 -4.05 0.00
OZONE_PARK_ESR 323760	34.56 1.71 0.00	32.57 1.46 0.00	32.44 1.43 0.00	32.85 1.47 0.00	33.61 1.66 0.00	36.47 1.80 0.00	43.44 2.73 0.00	49.14 3.72 0.00	45.78 3.70 0.00	40.34 2.95 0.00	39.57 2.86 0.00	37.74 2.62 -1.91	37.69 2.59 -1.42	37.72 2.60 -2.26	37.41 2.58 -1.72	38.02 2.68 -0.48	41.14 3.15 0.00	48.24 4.10 0.00	50.41 4.29 -0.02	45.47 3.87 0.00	41.75 3.34 0.00	40.51 2.83 0.00	39.06 2.76 0.00	37.26 2.37 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.43 -2.95 0.00	29.20 -2.75 0.00	31.51 -3.15 0.00	36.93 -3.79 0.00	39.50 -5.90 0.01	37.03 -5.05 0.00	32.60 -4.79 0.00	31.73 -4.96 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.07 -4.04 0.00	30.71 -4.15 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.18 -5.41 0.01	33.45 -4.95 0.01	32.32 -5.31 0.05	31.35 -4.90 0.05	30.84 -4.05 0.00
PACKARD__115KV_DUPONT_184 80571	30.03 -2.83 0.00	28.77 -2.33 0.00	28.47 -2.54 0.00	28.43 -2.95 0.00	29.20 -2.75 0.00	31.51 -3.15 0.00	36.93 -3.79 0.00	39.50 -5.90 0.01	37.03 -5.05 0.00	32.60 -4.79 0.00	31.73 -4.96 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.07 -4.04 0.00	30.71 -4.15 0.00	32.78 -5.20 0.00	38.08 -6.00 0.05	39.69 -6.36 0.05	36.18 -5.41 0.01	33.45 -4.95 0.01	32.32 -5.31 0.05	31.35 -4.90 0.05	30.84 -4.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.13 1.28 0.00	32.13 1.03 0.00	31.94 0.93 0.00	32.35 0.97 0.00	33.13 1.18 0.00	35.91 1.25 0.00	42.87 2.16 0.00	48.37 2.95 0.00	45.11 3.03 0.00	39.74 2.36 0.00	38.94 2.24 0.00	35.30 2.03 -0.07	35.71 1.99 -0.05	34.95 2.00 -0.09	35.16 1.99 -0.06	36.96 2.09 -0.01	40.69 2.70 0.00	47.57 3.44 0.00	49.95 3.83 -0.01	44.97 3.37 0.00	41.33 2.92 0.00	40.13 2.45 0.00	38.73 2.43 0.00	36.84 1.95 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.56 1.71 0.00	32.54 1.43 0.00	32.34 1.33 0.00	32.76 1.38 0.00	33.55 1.60 0.00	36.37 1.70 0.00	43.44 2.73 0.00	49.01 3.59 0.00	45.66 3.58 0.00	40.15 2.77 0.00	39.31 2.61 0.00	35.63 2.36 -0.07	36.05 2.32 -0.05	35.28 2.33 -0.09	35.52 2.35 -0.06	37.35 2.47 -0.01	41.10 3.12 0.00	48.06 3.93 0.00	50.45 4.33 -0.01	45.42 3.83 0.00	41.71 3.30 0.00	40.51 2.83 0.00	39.13 2.83 0.00	37.19 2.30 0.00
PATROON__115KV_TB1 80586	33.44 0.59 0.00	31.60 0.50 0.00	31.54 0.53 0.00	31.94 0.56 0.00	32.49 0.54 0.00	35.29 0.62 0.00	41.69 0.98 0.00	46.74 1.32 0.00	43.30 1.22 0.00	38.13 0.75 0.00	37.47 0.77 0.00	33.90 0.70 0.00	34.35 0.67 0.00	33.55 0.69 0.00	33.84 0.73 0.00	35.63 0.77 0.00	39.05 1.06 0.00	45.50 1.37 0.00	47.59 1.48 0.00	42.97 1.37 0.00	39.56 1.15 0.00	38.62 0.94 0.00	37.14 0.83 0.00	35.65 0.77 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.90 -0.95 0.00	30.48 -0.62 0.00	30.17 -0.84 0.00	30.18 -1.19 0.00	31.06 -0.89 0.00	33.52 -1.14 0.00	39.57 -1.14 0.00	41.78 -3.63 0.01	39.60 -2.48 0.00	34.81 -2.58 0.00	33.83 -2.86 0.01	30.85 -2.36 0.00	31.52 -2.16 0.00	30.76 -2.10 0.00	30.89 -2.22 0.00	32.56 -2.30 0.00	34.91 -3.08 0.00	40.20 -3.88 0.05	41.08 -4.98 0.05	38.30 -3.29 0.01	35.68 -2.73 0.01	34.24 -3.39 0.05	33.02 -3.23 0.05	32.79 -2.09 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.53 1.68 0.00	32.60 1.49 0.00	32.50 1.49 0.00	32.94 1.57 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.24 2.52 0.00	48.82 3.41 0.00	45.28 3.20 0.00	39.70 2.32 0.00	38.91 2.20 0.00	35.13 1.93 0.00	35.53 1.85 0.00	34.74 1.87 0.00	34.97 1.85 0.00	36.78 1.92 0.00	40.50 2.51 0.00	47.62 3.49 0.00	49.75 3.64 0.00	44.84 3.24 0.00	41.25 2.84 0.00	40.02 2.34 0.00	38.52 2.21 0.00	36.87 1.99 0.00
PEEKSKILL____ 23653	34.23 1.38 0.00	32.29 1.18 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.29 1.34 0.00	36.09 1.42 0.00	42.87 2.16 0.00	48.37 2.95 0.00	44.94 2.86 0.00	39.59 2.21 0.00	38.83 2.13 0.00	35.13 1.93 0.00	35.56 1.88 0.00	34.73 1.87 0.00	35.00 1.89 0.00	36.81 1.95 0.00	40.34 2.36 0.00	47.40 3.27 0.00	49.52 3.41 0.00	44.63 3.03 0.00	40.98 2.57 0.00	39.75 2.07 0.00	38.37 2.07 0.00	36.70 1.81 0.00
PGE MADISON__WINDPWR 24146	36.24 3.38 0.00	34.34 3.23 0.00	34.14 3.13 0.00	34.54 3.17 0.00	35.43 3.48 0.00	38.76 4.09 0.00	46.54 5.82 0.00	51.56 6.13 -0.01	47.21 5.13 0.00	40.94 3.55 0.00	39.42 2.72 0.01	35.73 2.52 0.00	36.17 2.49 0.00	35.20 2.33 0.00	35.53 2.42 0.00	37.58 2.72 0.00	41.60 3.61 0.00	49.41 5.29 0.02	51.48 5.39 0.02	46.56 4.95 -0.01	42.84 4.42 -0.01	41.39 3.73 0.02	39.80 3.52 0.02	38.31 3.42 0.00
PIERCEFIELD__HYD 23852	32.85 0.00 0.00	31.35 0.25 0.00	31.26 0.25 0.00	31.66 0.28 0.00	31.98 0.03 0.00	34.60 -0.07 0.00	40.18 -0.53 0.00	44.74 -0.68 0.00	41.11 -0.97 0.00	37.05 -0.34 0.00	36.34 -0.37 0.00	32.64 -0.56 0.00	33.20 -0.47 0.00	32.34 -0.53 0.00	32.55 -0.56 0.00	34.30 -0.56 0.00	37.46 -0.53 0.00	43.21 -0.93 0.00	45.14 -0.97 0.00	40.52 -1.08 0.00	37.49 -0.92 0.00	37.08 -0.60 0.00	35.98 -0.33 0.00	34.71 -0.17 0.00
PINELAWN_CC_1 323563	43.85 2.40 -8.60	39.94 2.14 -6.69	39.94 2.11 -6.82	39.03 2.16 -5.49	40.01 2.33 -5.73	44.71 2.60 -7.44	55.12 3.67 -10.74	57.82 4.54 -7.86	54.32 4.38 -7.86	44.68 3.40 -3.90	44.06 3.23 -4.13	41.90 2.92 -5.77	39.47 2.90 -2.90	39.93 2.89 -4.17	42.94 2.91 -6.92	46.49 3.07 -8.56	54.25 3.68 -12.58	68.99 4.81 -20.04	66.54 5.03 -15.40	56.11 4.49 -10.01	54.96 3.92 -12.63	53.10 3.35 -12.06	46.31 3.20 -6.81	46.02 2.89 -8.24
PJM_GEN_HTP_PROXY 323702	34.26 1.41 0.00	32.29 1.18 0.00	32.16 1.15 0.00	32.57 1.19 0.00	33.32 1.37 0.00	36.19 1.52 0.00	42.99 2.28 0.00	48.60 3.18 0.00	44.85 3.20 0.43	40.37 2.54 -0.44	39.17 2.46 -0.01	37.36 2.26 -1.90	37.34 2.26 -1.41	37.34 2.24 -2.24	37.03 2.22 -1.71	37.63 2.30 -0.47	40.69 2.70 0.00	47.76 3.62 -0.01	49.86 3.73 -0.02	44.93 3.33 -0.01	41.25 2.84 0.00	40.02 2.34 0.00	38.63 2.33 0.00	36.91 2.02 0.00

PJM_GEN_KEystone 24065	32.59 -0.26 0.00	30.92 -0.19 0.00	30.70 -0.31 0.00	31.00 -0.38 0.00	31.73 -0.22 0.00	34.32 -0.35 0.00	40.67 -0.04 0.00	44.74 -0.68 0.00	41.31 -0.34 0.43	37.18 -0.64 -0.43	35.89 -0.81 0.01	32.64 -0.56 0.00	33.20 -0.47 0.00	32.40 -0.46 0.00	32.65 -0.46 0.00	34.30 -0.56 0.00	37.23 -0.76 0.00	43.45 -0.66 0.03	45.30 -0.78 0.03	41.10 -0.50 0.00	37.91 -0.50 0.00	36.64 -1.02 0.03	35.48 -0.80 0.03	34.43 -0.45 0.00
PJM_GEN_NEPTUNE_PROXY 323594	43.29 1.84 -8.60	39.44 1.65 -6.69	39.44 1.61 -6.82	38.53 1.66 -5.49	39.50 1.82 -5.73	44.08 1.97 -7.44	54.22 2.77 -10.74	56.91 3.63 -7.86	53.04 3.54 -7.42	44.52 2.81 -4.33	43.51 2.68 -4.13	41.44 2.46 -5.77	39.03 2.46 -2.90	39.47 2.43 -4.17	42.44 2.42 -6.92	45.96 2.54 -8.56	53.53 2.96 -12.58	68.10 3.93 -20.04	65.57 4.06 -15.40	55.27 3.66 -10.01	54.19 3.15 -12.63	52.38 2.64 -12.06	45.73 2.62 -6.81	45.50 2.37 -8.24
PJM_GEN_VFT_PROXY 323633	34.07 1.22 0.00	32.10 1.00 0.00	31.97 0.96 0.00	32.38 1.00 0.00	33.13 1.18 0.00	36.02 1.35 0.00	40.36 1.99 2.35	42.33 2.86 5.95	41.58 2.90 3.41	40.18 2.36 -0.44	38.99 2.28 -0.01	37.24 2.13 -1.91	37.22 2.12 -1.42	37.23 2.11 -2.26	36.92 2.09 -1.72	37.50 2.16 -0.48	40.49 2.51 0.00	42.09 3.31 5.36	42.61 3.46 6.96	41.60 3.08 3.08	41.02 2.61 0.00	39.79 2.11 0.00	38.48 2.18 0.00	36.73 1.85 0.00
PLATSBRG_115KV_PMLD1 355749	34.76 1.91 0.00	32.97 1.87 0.00	32.84 1.83 0.00	33.26 1.88 0.00	33.77 1.82 0.00	36.57 1.91 0.00	42.26 1.55 0.00	46.92 1.50 0.00	43.18 1.09 0.00	39.03 1.64 0.00	38.25 1.54 0.00	34.23 1.03 0.00	34.85 1.18 0.00	33.91 1.05 0.00	34.14 1.03 0.00	35.94 1.08 0.00	39.36 1.37 0.00	45.37 1.24 0.00	47.35 1.24 0.00	42.39 0.79 0.00	39.14 0.73 0.00	38.66 0.98 0.00	37.21 0.91 0.00	36.32 1.43 0.00
PLEASANTVLY___LBMP 24000	34.10 1.25 0.00	32.19 1.09 0.00	32.10 1.09 0.00	32.54 1.16 0.00	33.17 1.21 0.00	35.95 1.28 0.00	42.59 1.87 0.00	47.96 2.54 0.00	44.56 2.48 0.00	39.22 1.83 0.00	38.50 1.80 0.00	34.83 1.63 0.00	35.29 1.62 0.00	34.47 1.61 0.00	34.73 1.62 0.00	36.53 1.67 0.00	40.04 2.05 0.00	46.87 2.74 0.00	48.97 2.86 0.00	44.18 2.58 0.00	40.64 2.23 0.00	39.53 1.85 0.00	38.08 1.78 0.00	36.52 1.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.26 1.41 0.00	32.35 1.24 0.00	32.25 1.24 0.00	32.66 1.29 0.00	33.36 1.41 0.00	36.12 1.46 0.00	42.91 2.20 0.00	48.42 3.00 0.00	44.99 2.90 0.00	39.59 2.21 0.00	38.83 2.13 0.00	35.16 1.96 0.00	35.63 1.95 0.00	34.80 1.94 0.00	35.06 1.95 0.00	36.88 2.02 0.00	40.42 2.43 0.00	47.35 3.22 0.00	49.48 3.37 0.00	44.63 3.04 0.00	41.02 2.61 0.00	39.83 2.15 0.00	38.41 2.11 0.00	36.77 1.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.26 1.41 0.00	32.35 1.24 0.00	32.25 1.24 0.00	32.66 1.29 0.00	33.36 1.41 0.00	36.12 1.46 0.00	42.91 2.20 0.00	48.42 3.00 0.00	44.99 2.90 0.00	39.59 2.21 0.00	38.83 2.13 0.00	35.16 1.96 0.00	35.63 1.95 0.00	34.80 1.94 0.00	35.06 1.95 0.00	36.88 2.02 0.00	40.42 2.43 0.00	47.35 3.22 0.00	49.48 3.37 0.00	44.63 3.04 0.00	41.02 2.61 0.00	39.83 2.15 0.00	38.41 2.11 0.00	36.77 1.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.33 1.48 0.00	32.41 1.31 0.00	32.31 1.30 0.00	32.76 1.38 0.00	33.36 1.41 0.00	36.16 1.49 0.00	42.91 2.20 0.00	48.28 2.86 0.00	44.86 2.78 0.00	39.37 1.98 0.00	38.58 1.87 0.00	34.90 1.69 0.00	35.33 1.65 0.00	34.54 1.68 0.00	34.80 1.69 0.00	36.60 1.74 0.00	40.15 2.17 0.00	47.13 3.00 0.00	49.25 3.14 0.00	44.43 2.83 0.00	40.87 2.46 0.00	39.72 2.03 0.00	38.26 1.96 0.00	36.66 1.78 0.00
POLETTI_____ 23519	34.23 1.38 0.00	32.26 1.15 0.00	32.13 1.12 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.09 1.42 0.00	42.95 2.24 0.00	48.55 3.13 0.00	45.20 3.11 0.00	39.85 2.47 0.00	39.09 2.39 0.00	37.34 2.22 -1.91	37.28 2.19 -1.42	37.36 2.23 -2.26	37.05 2.22 -1.72	37.60 2.27 -0.48	40.65 2.66 0.00	47.62 3.49 0.00	49.77 3.64 -0.02	44.88 3.29 0.00	41.21 2.80 0.00	40.02 2.34 0.00	38.63 2.32 0.00	36.87 1.99 0.00
POMONA___ESR 323819	34.13 1.28 0.00	32.19 1.09 0.00	32.07 1.05 0.00	32.47 1.10 0.00	33.20 1.24 0.00	35.98 1.32 0.00	42.75 2.03 0.00	48.19 2.77 0.00	44.78 2.70 0.00	39.44 2.05 0.00	38.65 1.94 0.00	35.00 1.79 0.00	35.46 1.78 0.00	34.64 1.77 0.00	34.86 1.75 0.00	36.67 1.81 0.00	40.19 2.20 0.00	47.18 3.04 0.00	49.29 3.18 0.00	44.43 2.83 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.26 1.96 0.00	36.59 1.71 0.00
PORT_JEFF_3 23555	44.31 2.86 -8.60	40.31 2.52 -6.69	40.34 2.51 -6.82	39.44 2.57 -5.49	40.43 2.75 -5.73	45.26 3.15 -7.44	55.93 4.48 -10.74	58.45 5.18 -7.86	54.99 5.05 -7.86	45.21 3.92 -3.90	44.54 3.71 -4.13	42.27 3.29 -5.77	39.81 3.23 -2.90	40.26 3.22 -4.17	43.28 3.25 -6.92	46.84 3.42 -8.56	54.85 4.29 -12.58	69.91 5.73 -20.04	67.55 6.04 -15.41	56.98 5.37 -10.01	55.77 4.72 -12.63	53.74 3.99 -12.06	46.74 3.63 -6.81	46.47 3.35 -8.24
PORT_JEFF_4 23616	44.31 2.86 -8.60	40.31 2.52 -6.69	40.34 2.51 -6.82	39.44 2.57 -5.49	40.43 2.75 -5.73	45.26 3.15 -7.44	55.93 4.48 -10.74	58.45 5.18 -7.86	54.99 5.05 -7.86	45.21 3.92 -3.90	44.54 3.71 -4.13	42.27 3.29 -5.77	39.81 3.23 -2.90	40.26 3.22 -4.17	43.28 3.25 -6.92	46.84 3.42 -8.56	54.85 4.29 -12.58	69.91 5.73 -20.04	67.55 6.04 -15.41	56.98 5.37 -10.01	55.77 4.72 -12.63	53.74 3.99 -12.06	46.74 3.63 -6.81	46.47 3.35 -8.24
PORT_JEFF_IC 23713	44.31 2.86 -8.60	40.34 2.55 -6.69	40.34 2.51 -6.82	39.44 2.57 -5.49	40.46 2.78 -5.73	45.26 3.15 -7.44	55.93 4.48 -10.74	58.45 5.18 -7.86	54.99 5.05 -7.86	45.21 3.92 -3.90	44.58 3.75 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.26 3.22 -4.17	43.28 3.25 -6.92	46.87 3.45 -8.56	54.89 4.33 -12.58	69.95 5.78 -20.04	67.60 6.09 -15.41	56.98 5.37 -10.01	55.77 4.72 -12.63	53.74 3.99 -12.06	46.74 3.63 -6.81	46.47 3.35 -8.24
PPL PILGRIM_ST_GT1 24216	44.24 2.79 -8.60	40.31 2.52 -6.69	40.31 2.48 -6.82	39.38 2.51 -5.49	40.40 2.71 -5.73	45.12 3.01 -7.44	55.69 4.23 -10.74	58.36 5.09 -7.86	54.86 4.92 -7.86	45.13 3.85 -3.90	44.43 3.60 -4.13	42.20 3.22 -5.77	39.81 3.23 -2.90	40.22 3.19 -4.17	43.28 3.25 -6.92	46.87 3.45 -8.56	54.74 4.18 -12.58	69.47 5.29 -20.04	67.05 5.53 -15.41	56.56 4.95 -10.01	55.38 4.34 -12.63	53.59 3.85 -12.06	46.71 3.59 -6.81	46.40 3.28 -8.24
PPL PILGRIM_ST_GT2 24217	44.24 2.79 -8.60	40.31 2.52 -6.69	40.31 2.48 -6.82	39.38 2.51 -5.49	40.40 2.71 -5.73	45.12 3.01 -7.44	55.69 4.23 -10.74	58.36 5.09 -7.86	54.86 4.92 -7.86	45.13 3.85 -3.90	44.43 3.60 -4.13	42.20 3.22 -5.77	39.81 3.23 -2.90	40.22 3.19 -4.17	43.28 3.25 -6.92	46.87 3.45 -8.56	54.74 4.18 -12.58	69.47 5.29 -20.04	67.05 5.53 -15.41	56.56 4.95 -10.01	55.38 4.34 -12.63	53.59 3.85 -12.06	46.71 3.59 -6.81	46.40 3.28 -8.24

PPL_SHRM_GT3	44.44	40.40	40.43	39.53	40.56	45.43	56.17	58.45	55.12	45.36	44.68	42.30	39.84	40.29	43.34	46.90	54.97	70.18	67.88	57.23	56.00	53.89	46.82	46.58
24213	2.99	2.61	2.61	2.67	2.88	3.33	4.72	5.18	5.17	4.08	3.85	3.32	3.27	3.25	3.31	3.49	4.40	6.00	6.37	5.61	4.96	4.14	3.70	3.45
	-8.60	-6.69	-6.82	-5.49	-5.73	-7.44	-10.74	-7.86	-7.86	-3.90	-4.13	-5.77	-2.90	-4.17	-6.92	-8.56	-12.58	-20.04	-15.41	-10.01	-12.63	-12.06	-6.81	-8.24
PPL_SHRM_GT4	44.44	40.40	40.43	39.53	40.56	45.43	56.17	58.45	55.12	45.36	44.68	42.30	39.84	40.29	43.34	46.90	54.97	70.18	67.88	57.23	56.00	53.89	46.82	46.58
24214	2.99	2.61	2.61	2.67	2.88	3.33	4.72	5.18	5.17	4.08	3.85	3.32	3.27	3.25	3.31	3.49	4.40	6.00	6.37	5.61	4.96	4.14	3.70	3.45
	-8.60	-6.69	-6.82	-5.49	-5.73	-7.44	-10.74	-7.86	-7.86	-3.90	-4.13	-5.77	-2.90	-4.17	-6.92	-8.56	-12.58	-20.04	-15.41	-10.01	-12.63	-12.06	-6.81	-8.24
PROJECT___ORANGE 1	32.10	30.39	30.27	30.59	31.22	33.94	40.14	44.28	41.03	36.23	35.45	32.11	32.60	31.75	32.02	33.71	36.77	42.91	44.83	40.56	37.41	36.44	35.00	33.73
24174	-0.76	-0.72	-0.74	-0.78	-0.73	-0.73	-0.57	-1.14	-1.05	-1.16	-1.25	-1.10	-1.08	-1.12	-1.09	-1.15	-1.22	-1.19	-1.24	-1.04	-1.00	-1.21	-1.27	-1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.03	0.03	0.00
PROJECT___ORANGE 2	32.10	30.39	30.27	30.59	31.22	33.94	40.14	44.28	41.03	36.23	35.45	32.11	32.60	31.75	32.02	33.71	36.77	42.91	44.83	40.56	37.41	36.44	35.00	33.73
24166	-0.76	-0.72	-0.74	-0.78	-0.73	-0.73	-0.57	-1.14	-1.05	-1.16	-1.25	-1.10	-1.08	-1.12	-1.09	-1.15	-1.22	-1.19	-1.24	-1.04	-1.00	-1.21	-1.27	-1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.03	0.03	0.00
PUCKETT___SOLAR	33.77	32.01	31.85	32.19	32.94	35.81	42.59	47.11	43.55	38.13	37.07	33.57	34.05	33.19	33.48	35.35	38.79	45.53	47.52	43.02	39.69	38.49	37.05	35.76
323809	0.92	0.90	0.84	0.81	0.99	1.14	1.87	1.68	1.47	0.75	0.37	0.37	0.37	0.33	0.36	0.49	0.80	1.41	1.43	1.42	1.27	0.83	0.76	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	-0.01	-0.01	0.02	0.02	0.00
PYRITES___HYD	33.51	31.98	31.88	32.28	32.62	35.36	41.28	46.05	42.33	38.10	37.29	33.50	34.08	33.16	33.38	35.17	38.41	44.35	46.34	41.60	38.49	38.02	36.81	35.44
24023	0.66	0.87	0.87	0.91	0.67	0.69	0.57	0.64	0.25	0.71	0.59	0.30	0.40	0.30	0.26	0.31	0.42	0.22	0.23	0.00	0.08	0.34	0.51	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAKERRD_115KV_BK1	30.98	29.43	29.24	29.43	30.13	32.69	38.60	42.26	39.30	34.62	33.72	30.65	31.15	30.40	30.59	32.24	34.95	40.77	42.78	38.57	35.62	34.57	33.31	32.27
80622	-1.87	-1.68	-1.77	-1.95	-1.82	-1.98	-2.12	-3.13	-2.78	-2.77	-2.97	-2.56	-2.53	-2.46	-2.52	-2.61	-3.04	-3.31	-3.27	-3.00	-2.77	-3.05	-2.94	-2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.03	0.02	0.05	0.05	0.00
QUENSBRY_115KV_TB8	34.36	32.41	32.34	32.82	33.49	36.47	42.34	47.55	43.85	38.39	37.58	33.94	34.35	33.55	33.87	35.73	39.20	46.07	48.32	43.68	40.14	39.00	37.50	36.80
356137	1.51	1.31	1.33	1.44	1.53	1.80	1.63	2.13	1.77	1.01	0.88	0.73	0.67	0.69	0.76	0.87	1.22	1.94	2.21	2.08	1.73	1.32	1.20	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAMAPO___LBMP	34.00	32.07	31.97	32.41	33.10	35.85	42.59	48.01	44.61	39.29	38.54	34.86	35.33	34.51	34.77	36.53	40.08	46.96	49.06	44.26	40.72	39.53	38.12	36.45
323565	1.15	0.96	0.96	1.04	1.15	1.18	1.87	2.59	2.52	1.91	1.84	1.66	1.65	1.64	1.66	1.67	2.09	2.82	2.95	2.66	2.30	1.85	1.82	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RANKINE____	31.41	30.05	29.74	29.71	30.58	33.00	38.84	41.37	38.88	34.17	33.24	30.32	31.01	30.27	30.40	32.11	34.38	39.84	41.12	37.84	35.10	33.79	32.69	32.27
23646	-1.45	-1.06	-1.27	-1.66	-1.37	-1.66	-1.87	-4.04	-3.20	-3.22	-3.45	-2.89	-2.66	-2.60	-2.72	-2.75	-3.61	-4.24	-4.93	-3.74	-3.30	-3.84	-3.56	-2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.01	0.01	0.05	0.05	0.00
RAVENSWOOD_GT2_1	34.26	32.32	32.19	32.60	33.36	36.16	43.03	48.60	45.28	39.93	39.16	37.36	37.33	37.35	37.07	37.64	40.72	47.71	49.86	44.97	41.29	40.09	38.66	36.91
24244	1.41	1.21	1.18	1.22	1.41	1.49	2.32	3.18	3.20	2.54	2.46	2.22	2.22	2.20	2.22	2.30	2.74	3.57	3.73	3.37	2.88	2.41	2.36	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.93	-1.43	-2.29	-1.74	-0.48	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	34.26	32.32	32.19	32.60	33.36	36.16	43.03	48.60	45.28	39.93	39.16	37.36	37.33	37.35	37.07	37.64	40.72	47.71	49.86	44.97	41.29	40.09	38.66	36.91
24245	1.41	1.21	1.18	1.22	1.41	1.49	2.32	3.18	3.20	2.54	2.46	2.22	2.22	2.20	2.22	2.30	2.74	3.57	3.73	3.37	2.88	2.41	2.36	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.93	-1.43	-2.29	-1.74	-0.48	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	34.30	32.32	32.19	32.60	33.36	36.16	43.03	48.64	45.32	39.93	39.16	37.39	37.36	37.38	37.10	37.64	40.72	47.75	49.86	44.97	41.33	40.09	38.70	36.94
24246	1.45	1.21	1.18	1.22	1.41	1.49	2.32	3.22	3.24	2.54	2.46	2.26	2.26	2.23	2.25	2.30	2.74	3.62	3.73	3.37	2.92	2.41	2.40	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.93	-1.43	-2.29	-1.74	-0.48	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	34.30	32.32	32.19	32.60	33.36	36.16	43.03	48.64	45.32	39.93	39.16	37.39	37.36	37.38	37.10	37.64	40.72	47.75	49.86	44.97	41.33	40.09	38.70	36.94
24247	1.45	1.21	1.18	1.22	1.41	1.49	2.32	3.22	3.24	2.54	2.46	2.26	2.26	2.23	2.25	2.30	2.74	3.62	3.73	3.37	2.92	2.41	2.40	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.93	-1.43	-2.29	-1.74	-0.48	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	34.26	32.32	32.19	32.60	33.36	36.16	43.03	48.60	45.28	39.93	39.16	37.36	37.33	37.38	37.07	37.64	40.72	47.71	49.86	44.97	41.33	40.09	38.66	36.91
24248	1.41	1.21	1.18	1.22	1.41	1.49	2.32	3.18	3.20	2.54	2.46	2.22	2.22	2.23	2.22	2.30	2.74	3.57	3.73	3.37	2.92	2.41	2.36	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.93	-1.43	-2.29	-1.74	-0.48	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT3_2 24249	34.26 1.41 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.36 1.41 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.60 3.18 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.36 2.22 -1.93	37.33 2.22 -1.43	37.38 2.23 -2.29	37.07 2.22 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.86 3.73 -0.02	44.97 3.37 0.00	41.33 2.92 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD_GT3_3 24250	34.33 1.48 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.39 1.44 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.36 3.28 0.00	39.96 2.58 0.00	39.20 2.50 0.00	37.43 2.29 -1.93	37.40 2.29 -1.43	37.42 2.27 -2.29	37.13 2.28 -1.74	37.71 2.37 -0.48	40.80 2.81 0.00	47.80 3.66 0.00	49.95 3.83 -0.02	45.05 3.45 0.00	41.37 2.96 0.00	40.17 2.49 0.00	38.73 2.43 0.00	36.98 2.09 0.00
RAVENSWOOD_GT3_4 24251	34.33 1.48 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.39 1.44 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.36 3.28 0.00	39.96 2.58 0.00	39.20 2.50 0.00	37.43 2.29 -1.93	37.40 2.29 -1.43	37.42 2.27 -2.29	37.13 2.28 -1.74	37.71 2.37 -0.48	40.80 2.81 0.00	47.80 3.66 0.00	49.95 3.83 -0.02	45.05 3.45 0.00	41.37 2.96 0.00	40.17 2.49 0.00	38.73 2.43 0.00	36.98 2.09 0.00
RAVENSWOOD_GT_1 23729	34.30 1.45 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.39 1.44 0.00	36.19 1.53 0.00	43.12 2.40 0.00	48.73 3.32 0.00	45.45 3.37 0.00	40.04 2.65 0.00	39.27 2.57 0.00	37.46 2.32 -1.93	37.43 2.32 -1.43	37.45 2.30 -2.29	37.17 2.32 -1.74	37.75 2.41 -0.48	40.87 2.89 0.00	47.93 3.80 0.00	50.10 3.97 -0.02	45.17 3.58 0.00	41.48 3.07 0.00	40.24 2.56 0.00	38.84 2.54 0.00	37.01 2.13 0.00
RAVENSWOOD_GT_10 24258	34.26 1.41 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.36 1.41 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.60 3.18 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.36 2.22 -1.93	37.33 2.22 -1.43	37.35 2.20 -2.29	37.07 2.22 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.86 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD_GT_11 24259	34.26 1.41 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.36 1.41 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.60 3.18 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.36 2.22 -1.93	37.33 2.22 -1.43	37.35 2.20 -2.29	37.07 2.22 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.86 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD_GT_4 24252	34.26 1.41 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.03 2.32 0.00	48.64 3.22 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.39 2.26 -1.93	37.33 2.22 -1.43	37.38 2.23 -2.29	37.10 2.25 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.87 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD_GT_5 24254	34.26 1.41 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.03 2.32 0.00	48.64 3.22 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.39 2.26 -1.93	37.33 2.22 -1.43	37.38 2.23 -2.29	37.10 2.25 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.87 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD_GT_6 24253	34.26 1.41 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.03 2.32 0.00	48.64 3.22 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.39 2.26 -1.93	37.33 2.22 -1.43	37.38 2.23 -2.29	37.10 2.25 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.87 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD_GT_7 24255	34.26 1.41 0.00	32.32 1.21 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.03 2.32 0.00	48.64 3.22 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.39 2.26 -1.93	37.33 2.22 -1.43	37.38 2.23 -2.29	37.10 2.25 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.87 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.26 1.41 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.36 1.41 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.60 3.18 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.36 2.22 -1.93	37.33 2.22 -1.43	37.35 2.20 -2.29	37.07 2.22 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.86 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD_GT_9 24257	34.26 1.41 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.60 1.22 0.00	33.36 1.41 0.00	36.16 1.49 0.00	43.03 2.32 0.00	48.60 3.18 0.00	45.28 3.20 0.00	39.93 2.54 0.00	39.16 2.46 0.00	37.36 2.22 -1.93	37.33 2.22 -1.43	37.35 2.20 -2.29	37.07 2.22 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.71 3.57 0.00	49.86 3.73 -0.02	44.97 3.37 0.00	41.29 2.88 0.00	40.09 2.41 0.00	38.66 2.36 0.00	36.91 2.02 0.00
RAVENSWOOD___1 23533	34.29 1.44 0.00	32.32 1.21 0.00	32.16 1.15 0.00	32.57 1.19 0.00	33.36 1.40 0.00	36.23 1.56 0.00	43.07 2.36 0.00	48.69 3.27 0.00	45.37 3.28 0.00	40.05 2.65 -0.01	39.24 2.53 -0.01	37.43 2.29 -1.93	37.40 2.29 -1.43	37.41 2.27 -2.29	37.10 2.25 -1.74	37.71 2.37 -0.48	40.84 2.85 0.00	47.89 3.75 -0.01	50.09 3.97 -0.02	45.14 3.53 -0.01	41.41 3.00 0.00	40.17 2.49 0.00	38.80 2.50 0.00	36.98 2.09 0.00
RAVENSWOOD___2 23534	34.26 1.41 0.00	32.29 1.18 0.00	32.12 1.11 0.00	32.54 1.16 0.00	33.32 1.37 0.00	36.19 1.52 0.00	43.03 2.32 0.00	48.64 3.23 0.00	45.37 3.28 0.00	40.01 2.62 -0.01	39.21 2.50 -0.01	37.40 2.26 -1.93	37.37 2.26 -1.43	37.38 2.24 -2.29	37.07 2.22 -1.74	37.68 2.34 -0.48	40.80 2.81 0.00	47.85 3.71 -0.01	50.04 3.92 -0.02	45.10 3.49 -0.01	41.37 2.96 0.00	40.13 2.45 0.00	38.77 2.47 0.00	36.98 2.09 0.00
RAVENSWOOD___3 23535	34.26 1.41 0.00	32.32 1.21 0.00	32.19 1.18 0.00	32.57 1.19 0.00	33.36 1.40 0.00	36.23 1.56 0.00	43.03 2.32 0.00	48.64 3.23 0.00	45.28 3.20 0.00	39.94 2.54 -0.01	39.17 2.46 -0.01	37.40 2.26 -1.93	37.37 2.26 -1.43	37.38 2.24 -2.29	37.07 2.22 -1.74	37.64 2.30 -0.48	40.72 2.74 0.00	47.76 3.62 -0.01	49.91 3.78 -0.02	44.97 3.37 -0.01	41.29 2.88 0.00	40.06 2.38 0.00	38.70 2.40 0.00	36.94 2.06 0.00

RAVENSWOOD___4 23820	34.26 1.41 0.00	32.29 1.18 0.00	32.09 1.08 0.00	32.50 1.13 0.00	33.29 1.34 0.00	36.16 1.49 0.00	42.99 2.28 0.00	48.60 3.18 0.00	45.32 3.24 0.00	39.97 2.58 -0.01	39.17 2.46 -0.01	37.36 2.22 -1.93	37.33 2.22 -1.43	37.35 2.20 -2.29	37.03 2.18 -1.74	37.64 2.30 -0.48	40.76 2.77 0.00	47.80 3.66 -0.01	49.99 3.87 -0.01	45.06 3.45 -0.01	41.37 2.96 0.00	40.13 2.45 0.00	38.77 2.47 0.00	36.94 2.06 0.00
RCPI_TRUST___DRP 24196	34.30 1.45 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.39 1.44 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.36 3.28 0.00	39.96 2.58 0.00	39.20 2.50 0.00	37.43 2.32 -1.90	37.37 2.29 -1.41	37.41 2.30 -2.25	37.14 2.32 -1.71	37.70 2.37 -0.47	40.76 2.77 0.00	47.80 3.66 0.00	49.91 3.78 -0.02	45.01 3.41 0.00	41.33 2.92 0.00	40.13 2.45 0.00	38.70 2.40 0.00	36.94 2.06 0.00
RED___ROCHESTER 323720	31.70 -1.15 0.00	30.17 -0.93 0.00	29.96 -1.05 0.00	30.15 -1.22 0.00	30.83 -1.12 0.00	33.45 -1.21 0.00	39.57 -1.14 0.00	43.18 -2.22 0.02	40.23 -1.85 0.00	35.29 -2.09 0.00	34.27 -2.42 0.02	31.28 -1.93 0.00	31.79 -1.89 0.00	31.02 -1.84 0.00	31.32 -1.79 0.00	32.94 -1.92 0.00	35.60 -2.39 0.00	41.56 -2.51 0.06	43.52 -2.54 0.06	39.42 -2.16 0.02	36.32 -2.07 0.01	35.21 -2.41 0.06	33.89 -2.36 0.06	33.07 -1.82 0.00
REGAN___SOLAR 323812	36.50 3.65 0.00	34.50 3.39 0.00	34.39 3.38 0.00	34.86 3.48 0.00	35.50 3.55 0.00	38.79 4.12 0.00	46.46 5.74 0.00	51.73 6.31 0.00	47.43 5.34 0.00	41.16 3.77 0.00	40.01 3.30 0.00	36.09 2.89 0.00	36.57 2.90 0.00	35.76 2.89 0.00	36.12 3.01 0.00	38.42 3.56 0.00	42.32 4.33 0.00	50.05 5.92 0.00	52.48 6.37 0.00	47.63 6.03 0.00	43.79 5.38 0.00	42.43 4.75 0.00	40.69 4.39 0.00	39.00 4.11 0.00
RENSSELAER___COGEN 23796	33.31 0.46 0.00	31.51 0.40 0.00	31.44 0.43 0.00	31.81 0.44 0.00	32.40 0.45 0.00	35.15 0.49 0.00	41.41 0.69 0.00	46.37 0.96 0.00	43.01 0.92 0.00	37.87 0.48 0.00	37.22 0.51 0.00	33.70 0.50 0.00	34.15 0.47 0.00	33.39 0.52 0.00	33.61 0.50 0.00	35.42 0.56 0.00	38.79 0.80 0.00	45.19 1.06 0.00	47.26 1.15 0.00	42.64 1.04 0.00	39.25 0.84 0.00	38.36 0.68 0.00	36.92 0.62 0.00	35.48 0.59 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.41 2.56 0.00	33.35 2.24 0.00	33.27 2.26 0.00	33.82 2.45 0.00	34.54 2.59 0.00	37.72 3.05 0.00	44.13 3.42 0.00	49.69 4.27 0.00	45.70 3.62 0.00	39.81 2.43 0.00	38.80 2.09 0.00	34.96 1.76 0.00	35.29 1.62 0.00	34.51 1.64 0.00	34.87 1.75 0.00	36.88 2.02 0.00	40.57 2.58 0.00	47.84 3.71 0.00	50.31 4.20 0.00	45.59 3.99 0.00	41.83 3.42 0.00	40.47 2.79 0.00	38.81 2.50 0.00	38.02 3.14 0.00
REVERE_CPPR_DRP 24186	34.03 1.18 0.00	32.23 1.12 0.00	32.10 1.09 0.00	32.47 1.10 0.00	33.17 1.21 0.00	36.16 1.49 0.00	42.87 2.16 0.00	47.78 2.36 0.00	44.06 1.98 0.00	38.73 1.35 0.00	37.73 1.03 0.00	34.13 0.93 0.00	34.58 0.91 0.00	33.72 0.85 0.00	34.00 0.89 0.00	35.87 1.01 0.00	39.39 1.41 0.00	46.19 2.07 0.01	48.22 2.12 0.01	43.51 1.91 0.00	40.10 1.69 0.00	39.06 1.39 0.01	37.56 1.27 0.01	36.11 1.22 0.00
REYNOLDS_115KV_TB3 80639	33.61 0.76 0.00	31.76 0.65 0.00	31.69 0.68 0.00	32.10 0.72 0.00	32.69 0.73 0.00	35.46 0.80 0.00	41.81 1.10 0.00	46.87 1.45 0.00	43.47 1.39 0.00	38.28 0.90 0.00	37.66 0.95 0.00	34.07 0.86 0.00	34.52 0.84 0.00	33.72 0.85 0.00	34.00 0.89 0.00	35.80 0.94 0.00	39.20 1.22 0.00	45.68 1.54 0.00	47.77 1.66 0.00	43.09 1.50 0.00	39.68 1.27 0.00	38.81 1.13 0.00	37.32 1.02 0.00	35.86 0.98 0.00
RIVERBAY____ 323610	34.56 1.71 0.00	32.54 1.43 0.00	32.34 1.33 0.00	32.76 1.38 0.00	33.55 1.60 0.00	36.37 1.70 0.00	43.44 2.73 0.00	49.01 3.59 0.00	45.66 3.58 0.00	40.15 2.77 0.00	39.31 2.61 0.00	35.63 2.36 -0.07	36.05 2.32 -0.05	35.28 2.33 -0.09	35.52 2.35 -0.06	37.35 2.47 -0.01	41.10 3.12 0.00	48.06 3.93 0.00	50.45 4.33 -0.01	45.42 3.83 0.00	41.71 3.30 0.00	40.51 2.83 0.00	39.13 2.83 0.00	37.19 2.30 0.00
RIVERSDE_115KV_TB3 55908	33.47 0.62 0.00	31.63 0.53 0.00	31.57 0.56 0.00	31.97 0.60 0.00	32.53 0.58 0.00	35.33 0.66 0.00	41.69 0.98 0.00	46.74 1.32 0.00	43.30 1.22 0.00	38.13 0.75 0.00	37.51 0.81 0.00	33.94 0.73 0.00	34.38 0.71 0.00	33.59 0.72 0.00	33.87 0.76 0.00	35.66 0.80 0.00	39.05 1.06 0.00	45.50 1.37 0.00	47.59 1.48 0.00	42.97 1.37 0.00	39.56 1.15 0.00	38.66 0.98 0.00	37.17 0.87 0.00	35.69 0.80 0.00
ROARING___BROOK_WT_PWR 323790	32.82 -0.03 0.00	31.11 0.00 0.00	30.98 -0.03 0.00	31.28 -0.09 0.00	31.79 -0.16 0.00	34.49 -0.17 0.00	40.35 -0.37 0.00	45.05 -0.36 0.00	41.70 -0.38 0.00	37.27 -0.11 0.00	36.70 0.00 0.00	33.17 -0.03 0.00	33.64 -0.03 0.00	32.83 -0.03 0.00	33.04 -0.07 0.00	34.75 -0.10 0.00	37.80 -0.19 0.00	43.65 -0.48 0.00	45.51 -0.60 0.00	41.01 -0.58 0.00	37.95 -0.46 0.00	37.38 -0.30 0.00	36.05 -0.25 0.00	34.68 -0.21 0.00
ROCHESRG_115KV_T4 355643	31.41 -1.45 0.00	29.89 -1.21 0.00	29.68 -1.33 0.00	29.81 -1.57 0.00	30.51 -1.44 0.00	33.11 -1.56 0.00	39.04 -1.67 0.00	42.59 -2.82 0.02	39.64 -2.44 0.00	34.92 -2.47 0.00	34.01 -2.68 0.02	30.91 -2.29 0.00	31.49 -2.19 0.00	30.69 -2.17 0.00	30.89 -2.22 0.00	32.59 -2.27 0.00	35.21 -2.77 0.00	41.08 -3.00 0.06	43.10 -2.95 0.06	38.88 -2.70 0.02	35.94 -2.46 0.01	34.84 -2.79 0.06	33.60 -2.65 0.06	32.62 -2.27 0.00
ROCHESTER_9_IC 23652	31.57 -1.28 0.00	30.05 -1.06 0.00	29.80 -1.21 0.00	29.93 -1.44 0.00	30.67 -1.28 0.00	33.28 -1.39 0.00	39.29 -1.42 0.00	42.90 -2.50 0.02	39.94 -2.15 0.00	35.14 -2.24 0.00	34.19 -2.50 0.02	31.11 -2.09 0.00	31.65 -2.02 0.00	30.86 -2.00 0.00	31.09 -2.02 0.00	32.77 -2.09 0.00	35.40 -2.58 0.00	41.34 -2.74 0.06	43.38 -2.67 0.06	39.13 -2.45 0.02	36.17 -2.23 0.01	35.03 -2.60 0.06	33.78 -2.47 0.06	32.79 -2.09 0.00
ROCKVIEW_13_KV_LD 356306	34.39 1.54 0.00	32.44 1.34 0.00	32.34 1.33 0.00	32.76 1.38 0.00	33.45 1.50 0.00	36.26 1.59 0.00	43.12 2.40 0.00	48.69 3.27 0.00	45.28 3.20 0.00	39.85 2.47 0.00	39.09 2.39 0.00	35.39 2.16 -0.03	35.85 2.16 -0.02	35.07 2.17 -0.04	35.32 2.19 -0.03	37.10 2.23 -0.01	40.69 2.70 0.00	47.66 3.53 0.00	49.80 3.69 0.00	44.93 3.33 0.00	41.29 2.88 0.00	40.06 2.37 0.00	38.63 2.32 0.00	36.94 2.06 0.00
ROME____115KV_TB2 80656	34.03 1.18 0.00	32.23 1.12 0.00	32.10 1.09 0.00	32.47 1.10 0.00	33.17 1.21 0.00	36.16 1.49 0.00	42.87 2.16 0.00	47.78 2.36 0.00	44.06 1.98 0.00	38.73 1.35 0.00	37.73 1.03 0.00	34.13 0.93 0.00	34.58 0.91 0.00	33.72 0.85 0.00	34.00 0.89 0.00	35.87 1.01 0.00	39.39 1.41 0.00	46.19 2.07 0.01	48.22 2.12 0.01	43.51 1.91 0.00	40.10 1.69 0.00	39.06 1.39 0.01	37.56 1.27 0.01	36.11 1.22 0.00

ROSETON___1 23587	34.03 1.18 0.00	32.13 1.02 0.00	32.03 1.02 0.00	32.44 1.07 0.00	33.10 1.15 0.00	35.91 1.25 0.00	42.55 1.83 0.00	47.87 2.45 0.00	44.48 2.40 0.00	39.18 1.79 0.00	38.43 1.73 0.00	34.80 1.59 0.00	35.26 1.58 0.00	34.44 1.58 0.00	34.67 1.56 0.00	36.46 1.60 0.00	39.96 1.97 0.00	46.82 2.69 0.00	48.92 2.81 0.00	44.14 2.54 0.00	40.56 2.15 0.00	39.42 1.73 0.00	38.04 1.74 0.00	36.46 1.57 0.00
ROSETON___2 23588	34.03 1.18 0.00	32.13 1.02 0.00	32.03 1.02 0.00	32.44 1.07 0.00	33.10 1.15 0.00	35.91 1.25 0.00	42.55 1.83 0.00	47.87 2.45 0.00	44.48 2.40 0.00	39.18 1.79 0.00	38.43 1.73 0.00	34.80 1.59 0.00	35.26 1.58 0.00	34.44 1.58 0.00	34.67 1.56 0.00	36.46 1.60 0.00	39.96 1.97 0.00	46.82 2.69 0.00	48.92 2.81 0.00	44.14 2.54 0.00	40.56 2.15 0.00	39.42 1.73 0.00	38.04 1.74 0.00	36.46 1.57 0.00
ROTTTRDAM_115KV_TB3 80664	33.77 0.92 0.00	31.91 0.81 0.00	31.85 0.84 0.00	32.25 0.88 0.00	32.85 0.89 0.00	35.67 1.01 0.00	42.06 1.34 0.00	47.10 1.68 0.00	43.60 1.51 0.00	38.47 1.08 0.00	37.73 1.03 0.00	34.10 0.90 0.00	34.55 0.88 0.00	33.75 0.89 0.00	34.04 0.93 0.00	35.84 0.98 0.00	39.24 1.25 0.00	45.81 1.68 0.00	47.91 1.80 0.00	43.26 1.66 0.00	39.87 1.46 0.00	38.89 1.21 0.00	37.43 1.13 0.00	36.04 1.15 0.00
RUSSELL___1 23602	31.70 -1.15 0.00	30.17 -0.93 0.00	29.92 -1.09 0.00	30.06 -1.32 0.00	30.83 -1.12 0.00	33.42 -1.25 0.00	39.49 -1.22 0.00	43.13 -2.27 0.02	40.15 -1.94 0.00	35.33 -2.06 0.00	34.38 -2.31 0.02	31.25 -1.96 0.00	31.79 -1.89 0.00	31.02 -1.84 0.00	31.22 -1.89 0.00	32.91 -1.95 0.00	35.59 -2.39 0.00	41.56 -2.52 0.06	43.66 -2.40 0.06	39.38 -2.20 0.02	36.36 -2.04 0.01	35.21 -2.41 0.06	33.92 -2.32 0.06	32.93 -1.95 0.00
RUSSELL___2 23532	31.70 -1.15 0.00	30.17 -0.93 0.00	29.92 -1.09 0.00	30.06 -1.32 0.00	30.83 -1.12 0.00	33.42 -1.25 0.00	39.49 -1.22 0.00	43.13 -2.27 0.02	40.15 -1.94 0.00	35.33 -2.06 0.00	34.38 -2.31 0.02	31.25 -1.96 0.00	31.79 -1.89 0.00	31.02 -1.84 0.00	31.22 -1.89 0.00	32.91 -1.95 0.00	35.59 -2.39 0.00	41.56 -2.52 0.06	43.66 -2.40 0.06	39.38 -2.20 0.02	36.36 -2.04 0.01	35.21 -2.41 0.06	33.92 -2.32 0.06	32.93 -1.95 0.00
RUSSELL___3 23549	31.70 -1.15 0.00	30.17 -0.93 0.00	29.92 -1.09 0.00	30.06 -1.32 0.00	30.83 -1.12 0.00	33.42 -1.25 0.00	39.49 -1.22 0.00	43.13 -2.27 0.02	40.15 -1.94 0.00	35.33 -2.06 0.00	34.38 -2.31 0.02	31.25 -1.96 0.00	31.79 -1.89 0.00	31.02 -1.84 0.00	31.22 -1.89 0.00	32.91 -1.95 0.00	35.59 -2.39 0.00	41.56 -2.52 0.06	43.66 -2.40 0.06	39.38 -2.20 0.02	36.36 -2.04 0.01	35.21 -2.41 0.06	33.92 -2.32 0.06	32.93 -1.95 0.00
RUSSELL___4 23556	31.70 -1.15 0.00	30.17 -0.93 0.00	29.92 -1.09 0.00	30.06 -1.32 0.00	30.83 -1.12 0.00	33.42 -1.25 0.00	39.49 -1.22 0.00	43.13 -2.27 0.02	40.15 -1.94 0.00	35.33 -2.06 0.00	34.38 -2.31 0.02	31.25 -1.96 0.00	31.79 -1.89 0.00	31.02 -1.84 0.00	31.22 -1.89 0.00	32.91 -1.95 0.00	35.59 -2.39 0.00	41.56 -2.52 0.06	43.66 -2.40 0.06	39.38 -2.20 0.02	36.36 -2.04 0.01	35.21 -2.41 0.06	33.92 -2.32 0.06	32.93 -1.95 0.00
RUSSELL___STATION 23914	31.70 -1.15 0.00	30.17 -0.93 0.00	29.92 -1.09 0.00	30.06 -1.32 0.00	30.83 -1.12 0.00	33.42 -1.25 0.00	39.49 -1.22 0.00	43.13 -2.27 0.02	40.15 -1.94 0.00	35.33 -2.06 0.00	34.38 -2.31 0.02	31.25 -1.96 0.00	31.79 -1.89 0.00	31.02 -1.84 0.00	31.22 -1.89 0.00	32.91 -1.95 0.00	35.59 -2.39 0.00	41.56 -2.52 0.06	43.66 -2.40 0.06	39.38 -2.20 0.02	36.36 -2.04 0.01	35.21 -2.41 0.06	33.92 -2.32 0.06	32.93 -1.95 0.00
S SALMON___HYD 24043	32.13 -0.72 0.00	30.45 -0.65 0.00	30.33 -0.68 0.00	30.65 -0.72 0.00	31.25 -0.70 0.00	33.94 -0.73 0.00	40.18 -0.53 0.00	44.47 -0.96 0.00	41.03 -1.05 0.00	36.23 -1.16 0.00	35.35 -1.36 0.00	32.08 -1.13 0.00	32.53 -1.15 0.00	31.71 -1.15 0.00	31.92 -1.19 0.00	33.67 -1.19 0.00	36.77 -1.22 0.00	43.12 -1.01 0.00	45.05 -1.06 0.00	40.69 -0.92 0.00	37.49 -0.92 0.00	36.59 -1.09 0.00	35.21 -1.09 0.00	33.91 -0.98 0.00
S.PERRY__115KV_TB1 80734	32.42 -0.43 0.00	30.76 -0.34 0.00	30.54 -0.47 0.00	30.78 -0.60 0.00	31.57 -0.38 0.00	34.35 -0.31 0.00	40.96 0.24 0.00	44.75 -0.68 -0.01	41.41 -0.67 0.00	36.11 -1.27 0.00	35.08 -1.61 0.01	31.81 -1.39 0.00	32.29 -1.38 0.00	31.45 -1.41 0.00	31.79 -1.32 0.00	33.57 -1.29 0.00	36.66 -1.33 0.00	42.99 -1.10 0.04	44.82 -1.24 0.04	40.73 -0.87 -0.01	37.73 -0.69 -0.01	36.40 -1.24 0.04	34.88 -1.38 0.04	33.84 -1.05 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.98 -1.87 0.00	29.64 -1.46 0.00	29.34 -1.67 0.00	29.30 -2.07 0.00	30.13 -1.82 0.00	32.52 -2.15 0.00	38.19 -2.52 0.00	40.87 -4.54 0.01	38.29 -3.79 0.00	33.72 -3.66 0.00	32.80 -3.89 0.01	29.92 -3.29 0.00	30.61 -3.06 0.00	29.87 -2.99 0.00	30.00 -3.11 0.00	31.69 -3.17 0.00	33.89 -4.10 0.00	39.36 -4.72 0.05	40.85 -5.21 0.05	37.39 -4.20 0.01	34.60 -3.80 0.01	33.37 -4.26 0.05	32.33 -3.92 0.05	31.82 -3.07 0.00
SAWYER___23_KV_LOAD 55526	30.98 -1.87 0.00	29.64 -1.46 0.00	29.34 -1.67 0.00	29.30 -2.07 0.00	30.13 -1.82 0.00	32.52 -2.15 0.00	38.19 -2.52 0.00	40.87 -4.54 0.01	38.29 -3.79 0.00	33.72 -3.66 0.00	32.80 -3.89 0.01	29.92 -3.29 0.00	30.61 -3.06 0.00	29.87 -2.99 0.00	30.00 -3.11 0.00	31.69 -3.17 0.00	33.89 -4.10 0.00	39.36 -4.72 0.05	40.85 -5.21 0.05	37.39 -4.20 0.01	34.60 -3.80 0.01	33.37 -4.26 0.05	32.33 -3.92 0.05	31.82 -3.07 0.00
SELKIRK___I 23801	33.64 0.79 0.00	31.82 0.72 0.00	31.75 0.74 0.00	32.16 0.78 0.00	32.72 0.77 0.00	35.50 0.83 0.00	41.81 1.10 0.00	46.87 1.45 0.00	43.43 1.35 0.00	38.25 0.86 0.00	37.55 0.84 0.00	33.97 0.76 0.00	34.45 0.78 0.00	33.65 0.79 0.00	33.90 0.79 0.00	35.73 0.87 0.00	39.09 1.10 0.00	45.54 1.41 0.00	47.68 1.57 0.00	43.01 1.42 0.00	39.60 1.19 0.00	38.70 1.02 0.00	37.28 0.98 0.00	35.86 0.98 0.00
SELKIRK___II 23799	33.44 0.59 0.00	31.63 0.53 0.00	31.57 0.56 0.00	31.94 0.57 0.00	32.53 0.58 0.00	35.29 0.62 0.00	41.61 0.89 0.00	46.65 1.23 0.00	43.22 1.14 0.00	38.09 0.71 0.00	37.40 0.70 0.00	33.87 0.66 0.00	34.31 0.64 0.00	33.55 0.69 0.00	33.77 0.66 0.00	35.56 0.70 0.00	38.94 0.95 0.00	45.41 1.28 0.00	47.49 1.38 0.00	42.84 1.25 0.00	39.45 1.04 0.00	38.51 0.83 0.00	37.10 0.80 0.00	35.65 0.77 0.00
SENECA OSWGO___HYD 24041	31.80 -1.05 0.00	30.14 -0.96 0.00	29.99 -1.02 0.00	30.34 -1.03 0.00	30.96 -0.99 0.00	33.63 -1.04 0.00	39.78 -0.93 0.00	43.97 -1.46 0.00	40.69 -1.39 0.00	35.93 -1.46 0.00	35.17 -1.54 0.00	31.88 -1.33 0.00	32.33 -1.35 0.00	31.51 -1.35 0.00	31.79 -1.33 0.00	33.46 -1.40 0.00	36.51 -1.48 0.00	42.64 -1.50 -0.01	44.55 -1.57 -0.01	40.27 -1.33 0.00	37.15 -1.27 0.00	36.22 -1.47 -0.01	34.82 -1.49 -0.01	33.52 -1.36 0.00

SENECA___115KV_TB3 355854	31.47 -1.38 0.00	30.11 -1.00 0.00	29.80 -1.21 0.00	29.77 -1.60 0.00	30.61 -1.34 0.00	33.07 -1.59 0.00	38.92 -1.79 0.00	41.46 -3.95 0.01	38.93 -3.16 0.00	34.24 -3.14 0.00	33.28 -3.41 0.01	30.38 -2.82 0.00	31.08 -2.59 0.00	30.30 -2.56 0.00	30.46 -2.65 0.00	32.17 -2.68 0.00	34.46 -3.53 0.00	39.93 -4.15 0.05	41.22 -4.84 0.05	37.93 -3.66 0.01	35.14 -3.26 0.01	33.86 -3.77 0.05	32.73 -3.52 0.05	32.30 -2.58 0.00
SENECA___ENERGY 23797	32.32 -0.53 0.00	30.64 -0.47 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.54 -0.42 0.00	34.29 -0.38 0.00	40.63 -0.08 0.00	44.85 -0.64 -0.07	41.45 -0.63 0.00	36.53 -0.86 0.00	35.60 -1.10 0.01	32.28 -0.93 0.00	32.77 -0.91 0.00	31.91 -0.95 0.00	32.22 -0.89 0.00	33.92 -0.94 0.00	36.96 -1.02 0.00	43.18 -0.93 0.03	45.11 -0.97 0.03	40.92 -0.75 -0.07	37.73 -0.73 -0.05	36.64 -1.02 0.03	35.15 -1.13 0.03	34.01 -0.87 0.00
SHOEMAKER___GT 23640	33.84 0.98 0.00	31.95 0.84 0.00	31.85 0.84 0.00	32.25 0.88 0.00	32.88 0.93 0.00	35.71 1.04 0.00	42.34 1.63 0.00	47.55 2.14 0.00	44.14 2.06 0.00	38.84 1.46 0.00	38.06 1.36 0.00	34.43 1.23 0.00	34.89 1.21 0.00	34.04 1.18 0.00	34.30 1.19 0.00	36.11 1.25 0.00	39.58 1.60 0.00	46.43 2.29 0.00	48.51 2.40 0.00	43.76 2.16 0.00	40.25 1.84 0.00	39.11 1.43 0.00	37.76 1.45 0.00	36.14 1.25 0.00
SHOEMAKR_138KV_BK 111 55601	33.84 0.99 0.00	31.95 0.84 0.00	31.85 0.84 0.00	32.25 0.88 0.00	32.88 0.93 0.00	35.64 0.97 0.00	42.30 1.59 0.00	47.55 2.13 0.00	44.14 2.06 0.00	38.84 1.46 0.00	38.06 1.36 0.00	34.43 1.23 0.00	34.89 1.21 0.00	34.08 1.22 0.00	34.34 1.23 0.00	36.15 1.29 0.00	39.62 1.63 0.00	46.43 2.29 0.00	48.51 2.40 0.00	43.76 2.16 0.00	40.29 1.88 0.00	39.19 1.51 0.00	37.75 1.45 0.00	36.14 1.26 0.00
SHOREHAM_IC_1 23715	44.44 2.99 -8.60	40.40 2.61 -6.69	40.43 2.61 -6.82	39.53 2.67 -5.49	40.56 2.88 -5.73	45.43 3.33 -7.44	56.17 4.72 -10.74	58.45 5.18 -7.86	55.12 5.17 -7.86	45.36 4.08 -3.90	44.68 3.85 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.29 3.25 -4.17	43.34 3.31 -6.92	46.90 3.49 -8.56	54.97 4.40 -12.58	70.18 6.00 -20.04	67.88 6.37 -15.41	57.23 5.61 -10.01	56.00 4.96 -12.63	53.89 4.14 -12.06	46.82 3.70 -6.81	46.58 3.45 -8.24
SHOREHAM_IC_2 23716	44.44 2.99 -8.60	40.40 2.61 -6.69	40.43 2.61 -6.82	39.53 2.67 -5.49	40.56 2.88 -5.73	45.43 3.33 -7.44	56.17 4.72 -10.74	58.45 5.18 -7.86	55.12 5.17 -7.86	45.36 4.08 -3.90	44.68 3.85 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.29 3.25 -4.17	43.34 3.31 -6.92	46.90 3.49 -8.56	54.97 4.40 -12.58	70.18 6.00 -20.04	67.88 6.37 -15.41	57.23 5.61 -10.01	56.00 4.96 -12.63	53.89 4.14 -12.06	46.82 3.70 -6.81	46.58 3.45 -8.24
SISSONVILLE___ 23735	32.85 0.00 0.00	31.35 0.25 0.00	31.26 0.25 0.00	31.66 0.28 0.00	31.98 0.03 0.00	34.60 -0.07 0.00	40.18 -0.53 0.00	44.74 -0.68 0.00	41.11 -0.97 0.00	37.05 -0.34 0.00	36.34 -0.37 0.00	32.64 -0.56 0.00	33.20 -0.47 0.00	32.34 -0.53 0.00	32.55 -0.56 0.00	34.30 -0.56 0.00	37.46 -0.53 0.00	43.21 -0.93 0.00	45.14 -0.97 0.00	40.52 -1.08 0.00	37.49 -0.92 0.00	37.08 -0.60 0.00	35.98 -0.33 0.00	34.71 -0.17 0.00
SITHE_IND_GS1 24169	31.50 -1.35 0.00	29.83 -1.28 0.00	29.71 -1.30 0.00	30.06 -1.32 0.00	30.64 -1.31 0.00	33.24 -1.42 0.00	39.21 -1.51 0.00	43.42 -2.00 0.00	40.23 -1.85 0.00	35.55 -1.83 0.00	34.76 -1.87 0.07	31.58 -1.63 0.00	32.03 -1.65 0.00	31.22 -1.64 0.00	31.49 -1.62 0.00	33.15 -1.71 0.00	36.13 -1.86 0.00	41.85 -2.03 0.25	43.74 -2.12 0.25	39.77 -1.83 0.00	36.64 -1.77 0.00	35.58 -1.85 0.25	34.20 -1.85 0.25	33.21 -1.67 0.00
SITHE_IND_GS2 24170	31.50 -1.35 0.00	29.83 -1.28 0.00	29.71 -1.30 0.00	30.06 -1.32 0.00	30.64 -1.31 0.00	33.24 -1.42 0.00	39.21 -1.51 0.00	43.42 -2.00 0.00	40.23 -1.85 0.00	35.55 -1.83 0.00	34.76 -1.87 0.07	31.58 -1.63 0.00	32.03 -1.65 0.00	31.22 -1.64 0.00	31.49 -1.62 0.00	33.15 -1.71 0.00	36.13 -1.86 0.00	41.85 -2.03 0.25	43.74 -2.12 0.25	39.77 -1.83 0.00	36.64 -1.77 0.00	35.58 -1.85 0.25	34.20 -1.85 0.25	33.21 -1.67 0.00
SITHE_IND_GS3 24171	31.50 -1.35 0.00	29.83 -1.28 0.00	29.71 -1.30 0.00	30.06 -1.32 0.00	30.64 -1.31 0.00	33.24 -1.42 0.00	39.21 -1.51 0.00	43.42 -2.00 0.00	40.23 -1.85 0.00	35.55 -1.83 0.00	34.76 -1.87 0.07	31.58 -1.63 0.00	32.03 -1.65 0.00	31.22 -1.64 0.00	31.49 -1.62 0.00	33.15 -1.71 0.00	36.13 -1.86 0.00	41.85 -2.03 0.25	43.74 -2.12 0.25	39.77 -1.83 0.00	36.64 -1.77 0.00	35.58 -1.85 0.25	34.20 -1.85 0.25	33.21 -1.67 0.00
SITHE_IND_GS4 24172	31.50 -1.35 0.00	29.83 -1.28 0.00	29.71 -1.30 0.00	30.06 -1.32 0.00	30.64 -1.31 0.00	33.24 -1.42 0.00	39.21 -1.51 0.00	43.42 -2.00 0.00	40.23 -1.85 0.00	35.55 -1.83 0.00	34.76 -1.87 0.07	31.58 -1.63 0.00	32.03 -1.65 0.00	31.22 -1.64 0.00	31.49 -1.62 0.00	33.15 -1.71 0.00	36.13 -1.86 0.00	41.85 -2.03 0.25	43.74 -2.12 0.25	39.77 -1.83 0.00	36.64 -1.77 0.00	35.58 -1.85 0.25	34.20 -1.85 0.25	33.21 -1.67 0.00
SITHE___BATAVIA 24024	31.64 -1.21 0.00	30.23 -0.87 0.00	29.92 -1.09 0.00	30.06 -1.32 0.00	30.77 -1.18 0.00	33.38 -1.28 0.00	39.45 -1.26 0.00	42.50 -2.91 0.01	39.68 -2.40 0.00	34.66 -2.73 0.00	33.46 -3.23 0.01	30.65 -2.56 0.00	31.25 -2.43 0.00	30.50 -2.37 0.00	30.83 -2.28 0.00	32.45 -2.40 0.00	34.84 -3.15 0.00	40.64 -3.44 0.05	42.55 -3.51 0.05	38.63 -2.95 0.01	35.63 -2.77 0.01	34.39 -3.24 0.05	33.24 -3.01 0.05	32.72 -2.16 0.00
SITHE___INDEPEND 23800	31.50 -1.35 0.00	29.83 -1.28 0.00	29.71 -1.30 0.00	30.03 -1.35 0.00	30.64 -1.31 0.00	33.25 -1.42 0.00	39.21 -1.51 0.00	43.42 -2.00 0.00	40.23 -1.85 0.00	35.59 -1.79 0.00	34.76 -1.87 0.07	31.58 -1.63 0.00	32.03 -1.65 0.00	31.22 -1.64 0.00	31.49 -1.62 0.00	33.15 -1.71 0.00	36.13 -1.86 0.00	41.85 -2.03 0.25	43.78 -2.07 0.25	39.73 -1.87 0.00	36.68 -1.73 0.00	35.58 -1.85 0.25	34.23 -1.82 0.25	33.18 -1.71 0.00
SITHE___MASSENA 23902	33.25 0.40 0.00	31.70 0.59 0.00	31.57 0.56 0.00	31.97 0.59 0.00	32.34 0.38 0.00	35.01 0.35 0.00	40.75 0.04 0.00	45.28 -0.14 0.00	41.79 -0.29 0.00	37.65 0.26 0.00	37.07 0.37 0.00	33.30 0.10 0.00	33.88 0.20 0.00	32.99 0.13 0.00	33.24 0.13 0.00	35.00 0.14 0.00	38.10 0.11 0.00	43.87 -0.26 0.00	45.83 -0.28 0.00	41.18 -0.42 0.00	38.18 -0.23 0.00	37.79 0.11 0.00	36.48 0.18 0.00	35.10 0.21 0.00
SITHE___OGDNSBRG 24021	33.61 0.76 0.00	32.07 0.96 0.00	31.97 0.96 0.00	32.35 0.97 0.00	32.72 0.77 0.00	35.46 0.80 0.00	41.32 0.61 0.00	46.01 0.59 0.00	42.33 0.25 0.00	38.13 0.75 0.00	37.33 0.62 0.00	33.54 0.33 0.00	34.11 0.44 0.00	33.26 0.39 0.00	33.48 0.36 0.00	35.28 0.42 0.00	38.52 0.53 0.00	44.44 0.31 0.00	46.43 0.32 0.00	41.68 0.08 0.00	38.56 0.15 0.00	38.17 0.49 0.00	36.92 0.62 0.00	35.51 0.63 0.00

SITHE___STERLING 23777	33.67 0.82 0.00	31.91 0.81 0.00	31.79 0.78 0.00	32.16 0.78 0.00	32.84 0.89 0.00	35.78 1.11 0.00	42.42 1.71 0.00	47.24 1.82 0.00	43.59 1.51 0.00	38.36 0.97 0.00	37.36 0.66 0.00	33.83 0.63 0.00	34.28 0.61 0.00	33.45 0.59 0.00	33.71 0.60 0.00	35.56 0.70 0.00	38.94 0.95 0.00	45.62 1.50 0.02	47.61 1.52 0.02	43.01 1.42 0.00	39.64 1.23 0.00	38.61 0.94 0.02	37.12 0.84 0.02	35.72 0.84 0.00
SLEIGHT__34_KV_TB1 80719	31.73 -1.12 0.00	30.14 -0.96 0.00	29.96 -1.05 0.00	30.18 -1.19 0.00	30.90 -1.05 0.00	33.56 -1.11 0.00	39.78 -0.94 0.00	43.63 -1.77 0.02	40.52 -1.56 0.00	35.70 -1.68 0.00	34.78 -1.91 0.01	31.58 -1.63 0.00	32.09 -1.58 0.00	31.25 -1.61 0.00	31.49 -1.62 0.00	33.19 -1.67 0.00	36.05 -1.94 0.00	42.10 -1.99 0.05	44.08 -1.98 0.05	39.79 -1.79 0.02	36.74 -1.65 0.02	35.68 -1.96 0.05	34.30 -1.96 0.05	33.14 -1.74 0.00
SOUTH CAIRO___GT 23612	34.56 1.71 0.00	32.63 1.52 0.00	32.56 1.55 0.00	33.04 1.66 0.00	33.45 1.50 0.00	36.40 1.73 0.00	43.07 2.36 0.00	48.14 2.72 0.00	44.39 2.31 0.00	38.55 1.16 0.00	37.70 0.99 0.00	33.97 0.76 0.00	34.38 0.71 0.00	33.65 0.79 0.00	33.97 0.86 0.00	35.90 1.04 0.00	39.55 1.56 0.00	46.43 2.29 0.00	48.74 2.63 0.00	43.93 2.33 0.00	40.44 2.03 0.00	39.45 1.77 0.00	37.94 1.64 0.00	36.52 1.64 0.00
SOUTH HAMPTN___IC 23720	44.70 3.25 -8.60	40.65 2.86 -6.69	40.71 2.88 -6.82	39.79 2.92 -5.49	40.82 3.13 -5.73	45.71 3.61 -7.44	56.58 5.13 -10.74	59.00 5.72 -7.86	55.58 5.64 -7.86	45.65 4.37 -3.90	44.98 4.15 -4.13	42.63 3.65 -5.77	40.14 3.57 -2.90	40.59 3.55 -4.17	43.61 3.58 -6.92	47.18 3.77 -8.56	55.31 4.75 -12.58	70.57 6.40 -20.04	68.30 6.78 -15.41	57.60 5.99 -10.01	56.35 5.30 -12.63	54.19 4.44 -12.06	47.14 4.03 -6.81	46.89 3.77 -8.24
SOUTHDOW_115KV_TB1 355954	32.79 -0.07 0.00	31.29 0.19 0.00	30.98 -0.03 0.00	31.03 -0.35 0.00	31.95 0.00 0.00	34.56 -0.10 0.00	41.04 0.33 0.00	43.73 -1.68 0.00	41.16 -0.93 0.00	35.70 -1.68 0.00	34.67 -2.02 0.01	31.58 -1.63 0.00	32.26 -1.41 0.00	31.45 -1.41 0.00	31.59 -1.52 0.00	33.60 -1.25 0.00	36.05 -1.94 0.00	41.83 -2.25 0.05	42.88 -3.18 0.05	39.68 -1.91 0.00	36.75 -1.65 0.00	35.30 -2.34 0.05	34.04 -2.21 0.05	33.66 -1.22 0.00
SOUTHOLD_69_KV_BK 2 55809	45.06 3.61 -8.60	40.96 3.17 -6.69	41.02 3.19 -6.82	40.10 3.23 -5.49	41.13 3.45 -5.73	46.06 3.95 -7.44	57.23 5.78 -10.74	59.91 6.63 -7.86	56.46 6.52 -7.86	46.07 4.79 -3.90	45.38 4.55 -4.13	43.00 4.02 -5.77	40.51 3.94 -2.90	40.95 3.91 -4.17	44.10 4.07 -6.92	47.53 4.11 -8.56	55.84 5.28 -12.58	71.28 7.11 -20.04	68.94 7.42 -15.41	58.14 6.53 -10.01	56.92 5.88 -12.63	54.72 4.97 -12.06	47.58 4.47 -6.81	47.35 4.22 -8.24
SOUTHOLD___IC 23719	45.06 3.61 -8.60	40.97 3.17 -6.69	41.02 3.19 -6.82	40.10 3.23 -5.49	41.10 3.42 -5.73	46.09 3.98 -7.44	57.15 5.70 -10.74	59.63 6.36 -7.86	56.13 6.19 -7.86	46.07 4.79 -3.90	45.34 4.51 -4.13	42.99 4.02 -5.77	40.51 3.94 -2.90	40.91 3.88 -4.17	43.93 3.91 -6.92	47.50 4.08 -8.56	55.77 5.20 -12.58	71.19 7.02 -20.04	68.94 7.43 -15.41	58.14 6.53 -10.01	56.88 5.84 -12.63	54.64 4.90 -12.06	47.54 4.43 -6.81	47.34 4.22 -8.24
SOUTH_FORK_WT_PWR 323839	44.97 3.52 -8.60	40.90 3.11 -6.69	40.93 3.10 -6.82	40.00 3.14 -5.49	41.04 3.35 -5.73	45.99 3.88 -7.44	57.03 5.58 -10.74	59.50 6.22 -7.86	56.04 6.10 -7.86	45.99 4.71 -3.90	45.31 4.48 -4.13	42.93 3.95 -5.77	40.48 3.90 -2.90	40.88 3.84 -4.17	43.90 3.87 -6.92	47.46 4.04 -8.56	55.66 5.09 -12.58	71.06 6.88 -20.04	68.80 7.28 -15.41	58.06 6.45 -10.01	56.80 5.76 -12.63	54.57 4.82 -12.06	47.50 4.39 -6.81	47.34 4.22 -8.24
SPIERFLS_115KV_TB 1 80737	34.20 1.35 0.00	32.26 1.15 0.00	32.19 1.18 0.00	32.66 1.29 0.00	33.29 1.34 0.00	36.26 1.59 0.00	41.98 1.26 0.00	47.14 1.73 0.00	43.51 1.43 0.00	38.13 0.75 0.00	37.33 0.62 0.00	33.70 0.50 0.00	34.11 0.44 0.00	33.32 0.46 0.00	33.64 0.53 0.00	35.49 0.63 0.00	38.94 0.95 0.00	45.72 1.59 0.00	47.91 1.80 0.00	43.34 1.75 0.00	39.83 1.42 0.00	38.74 1.06 0.00	37.21 0.91 0.00	36.59 1.71 0.00
ST LAWRENCE___ 23600	32.95 0.10 0.00	31.29 0.19 0.00	31.17 0.16 0.00	31.56 0.19 0.00	32.02 0.06 0.00	34.70 0.03 0.00	40.35 -0.37 0.00	44.88 -0.54 0.00	41.45 -0.63 0.00	37.35 -0.04 0.00	36.78 0.07 0.00	33.14 -0.07 0.00	33.64 -0.03 0.00	32.80 -0.07 0.00	33.04 -0.07 0.00	34.79 -0.07 0.00	37.80 -0.19 0.00	43.47 -0.66 0.00	45.42 -0.69 0.00	40.89 -0.71 0.00	37.91 -0.50 0.00	37.57 -0.11 0.00	36.23 -0.07 0.00	34.82 -0.07 0.00
STATE_CA_115KV_115_LB 55624	33.44 0.59 0.00	31.60 0.50 0.00	31.54 0.53 0.00	31.94 0.56 0.00	32.49 0.54 0.00	35.33 0.66 0.00	41.69 0.98 0.00	46.74 1.32 0.00	43.30 1.22 0.00	38.13 0.75 0.00	37.47 0.77 0.00	33.90 0.70 0.00	34.35 0.67 0.00	33.55 0.69 0.00	33.84 0.73 0.00	35.63 0.77 0.00	39.05 1.06 0.00	45.50 1.37 0.00	47.59 1.48 0.00	42.97 1.37 0.00	39.56 1.15 0.00	38.62 0.94 0.00	37.14 0.83 0.00	35.65 0.77 0.00
STATE_ST_34_KV_LOAD 55959	32.56 -0.30 0.00	30.86 -0.25 0.00	30.70 -0.31 0.00	31.03 -0.35 0.00	31.73 -0.22 0.00	34.53 -0.14 0.00	40.96 0.24 0.00	45.27 -0.18 -0.03	41.87 -0.21 0.00	36.90 -0.49 0.00	36.07 -0.62 0.01	32.64 -0.56 0.00	33.10 -0.57 0.00	32.24 -0.62 0.00	32.51 -0.60 0.00	34.27 -0.59 0.00	37.42 -0.57 0.00	43.71 -0.40 0.02	45.67 -0.41 0.02	41.38 -0.25 -0.03	38.20 -0.23 -0.02	37.09 -0.57 0.02	35.59 -0.69 0.02	34.29 -0.59 0.00
STATION 5_MISC_HYD 23604	31.57 -1.28 0.00	30.05 -1.06 0.00	29.83 -1.18 0.00	30.03 -1.35 0.00	30.67 -1.28 0.00	33.31 -1.35 0.00	39.33 -1.38 0.00	42.95 -2.45 0.02	39.98 -2.10 0.00	35.10 -2.28 0.00	34.08 -2.61 0.02	31.11 -2.09 0.00	31.66 -2.02 0.00	30.86 -2.01 0.00	31.19 -1.92 0.00	32.80 -2.06 0.00	35.40 -2.58 0.00	41.34 -2.74 0.06	43.29 -2.77 0.06	39.17 -2.41 0.02	36.13 -2.27 0.01	35.06 -2.56 0.06	33.74 -2.50 0.06	32.93 -1.95 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.19 -0.66 0.00	30.58 -0.53 0.00	30.36 -0.65 0.00	30.59 -0.78 0.00	31.34 -0.61 0.00	34.04 -0.62 0.00	40.35 -0.37 0.00	44.24 -1.14 0.04	41.11 -0.97 0.00	36.15 -1.23 0.00	35.19 -1.50 0.01	31.98 -1.23 0.00	32.46 -1.21 0.00	31.61 -1.25 0.00	31.85 -1.26 0.00	33.60 -1.25 0.00	36.51 -1.48 0.00	42.63 -1.46 0.05	44.68 -1.38 0.05	40.31 -1.25 0.04	37.22 -1.15 0.04	36.13 -1.51 0.05	34.73 -1.52 0.05	33.63 -1.26 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.44 -1.41 0.00	29.92 -1.18 0.00	29.71 -1.30 0.00	29.84 -1.54 0.00	30.58 -1.37 0.00	33.18 -1.49 0.00	39.17 -1.55 0.00	42.85 -2.54 0.02	39.89 -2.19 0.00	35.07 -2.32 0.00	34.16 -2.53 0.02	31.08 -2.13 0.00	31.59 -2.09 0.00	30.83 -2.04 0.00	31.02 -2.09 0.00	32.70 -2.16 0.00	35.40 -2.58 0.00	41.30 -2.78 0.05	43.33 -2.72 0.05	39.08 -2.50 0.02	36.09 -2.30 0.02	34.99 -2.64 0.05	33.74 -2.50 0.05	32.69 -2.20 0.00

STA_56___34_KV_BUS2 355983	31.44 -1.41 0.00	29.92 -1.18 0.00	29.71 -1.30 0.00	29.84 -1.54 0.00	30.58 -1.37 0.00	33.18 -1.49 0.00	39.17 -1.55 0.00	42.85 -2.54 0.02	39.89 -2.19 0.00	35.07 -2.32 0.00	34.16 -2.53 0.02	31.08 -2.13 0.00	31.59 -2.09 0.00	30.83 -2.04 0.00	31.02 -2.09 0.00	32.70 -2.16 0.00	35.40 -2.58 0.00	41.30 -2.78 0.05	43.33 -2.72 0.05	39.08 -2.50 0.02	36.09 -2.30 0.02	34.99 -2.64 0.05	33.74 -2.50 0.05	32.69 -2.20 0.00
STA_67___115KV_BK2 355882	31.50 -1.35 0.00	29.99 -1.12 0.00	29.77 -1.24 0.00	29.90 -1.47 0.00	30.64 -1.31 0.00	33.21 -1.46 0.00	39.17 -1.55 0.00	42.77 -2.63 0.02	39.81 -2.27 0.00	35.03 -2.36 0.00	34.12 -2.57 0.02	31.05 -2.16 0.00	31.59 -2.09 0.00	30.79 -2.07 0.00	30.99 -2.12 0.00	32.70 -2.16 0.00	35.33 -2.66 0.00	41.25 -2.82 0.06	43.29 -2.77 0.06	39.04 -2.54 0.02	36.05 -2.34 0.01	34.95 -2.68 0.06	33.71 -2.54 0.06	32.72 -2.16 0.00
STA_7___115KV_9TRANS 80674	31.70 -1.15 0.00	30.17 -0.93 0.00	29.92 -1.09 0.00	30.06 -1.32 0.00	30.83 -1.12 0.00	33.42 -1.25 0.00	39.49 -1.22 0.00	43.13 -2.27 0.02	40.15 -1.94 0.00	35.33 -2.06 0.00	34.38 -2.31 0.02	31.25 -1.96 0.00	31.79 -1.89 0.00	31.02 -1.84 0.00	31.22 -1.89 0.00	32.91 -1.95 0.00	35.59 -2.39 0.00	41.56 -2.52 0.06	43.66 -2.40 0.06	39.38 -2.20 0.02	36.36 -2.04 0.01	35.21 -2.41 0.06	33.92 -2.32 0.06	32.93 -1.95 0.00
STA_82___115KV_TB1 80780	31.50 -1.35 0.00	30.02 -1.09 0.00	29.77 -1.24 0.00	29.90 -1.47 0.00	30.64 -1.31 0.00	33.25 -1.42 0.00	39.21 -1.51 0.00	42.81 -2.59 0.02	39.85 -2.23 0.00	35.07 -2.32 0.00	34.12 -2.57 0.02	31.05 -2.16 0.00	31.59 -2.09 0.00	30.83 -2.04 0.00	31.02 -2.09 0.00	32.70 -2.16 0.00	35.37 -2.62 0.00	41.25 -2.82 0.05	43.29 -2.77 0.05	39.08 -2.50 0.02	36.09 -2.30 0.01	34.95 -2.68 0.05	33.71 -2.54 0.05	32.72 -2.16 0.00
STEEL___WIND 323596	31.44 -1.41 0.00	30.08 -1.03 0.00	29.77 -1.24 0.00	29.84 -1.54 0.00	30.58 -1.37 0.00	33.07 -1.59 0.00	39.01 -1.71 0.00	41.59 -3.82 0.01	39.01 -3.07 0.00	34.17 -3.22 0.00	33.09 -3.60 0.01	30.35 -2.86 0.00	31.05 -2.63 0.00	30.30 -2.56 0.00	30.59 -2.52 0.00	32.21 -2.65 0.00	34.42 -3.57 0.00	39.89 -4.19 0.05	41.49 -4.57 0.05	37.97 -3.62 0.01	35.06 -3.34 0.01	33.79 -3.84 0.05	32.80 -3.45 0.05	32.51 -2.37 0.00
STEPHTWN_115KV_BK_2 55603	33.74 0.89 0.00	31.88 0.78 0.00	31.82 0.81 0.00	32.22 0.85 0.00	32.81 0.86 0.00	35.67 1.01 0.00	42.14 1.42 0.00	47.28 1.86 0.00	43.76 1.68 0.00	38.47 1.08 0.00	37.81 1.10 0.00	34.17 0.96 0.00	34.58 0.91 0.00	33.82 0.95 0.00	34.10 0.99 0.00	35.94 1.08 0.00	39.39 1.41 0.00	45.99 1.85 0.00	48.14 2.03 0.00	43.51 1.91 0.00	40.02 1.61 0.00	39.04 1.36 0.00	37.54 1.23 0.00	36.00 1.12 0.00
STEBUBEN_REC_LFGE 323667	33.84 0.99 0.00	32.10 1.00 0.00	31.85 0.84 0.00	32.16 0.78 0.00	33.01 1.05 0.00	35.85 1.18 0.00	42.79 2.08 0.00	46.67 1.23 -0.03	43.13 1.05 0.00	37.80 0.41 0.00	36.77 0.07 0.01	33.34 0.13 0.00	33.88 0.20 0.00	32.96 0.10 0.00	33.24 0.13 0.00	35.03 0.17 0.00	38.22 0.23 0.00	44.63 0.53 0.03	46.17 0.09 0.03	42.33 0.71 -0.03	39.24 0.81 -0.02	37.88 0.23 0.03	36.23 -0.04 0.03	35.30 0.42 0.00
STILLWATER___SOLAR 323814	34.26 1.41 0.00	32.35 1.25 0.00	32.28 1.27 0.00	32.72 1.35 0.00	33.36 1.40 0.00	35.95 1.28 0.00	42.55 1.83 0.00	47.73 2.32 0.00	44.14 2.06 0.00	38.77 1.38 0.00	37.99 1.28 0.00	34.37 1.16 0.00	34.78 1.11 0.00	33.98 1.12 0.00	34.27 1.16 0.00	36.15 1.29 0.00	39.58 1.60 0.00	46.38 2.25 0.00	48.55 2.44 0.00	43.88 2.29 0.00	40.37 1.96 0.00	39.30 1.62 0.00	37.83 1.52 0.00	36.32 1.43 0.00
STONY___BROOK 24151	44.24 2.79 -8.60	40.25 2.46 -6.69	40.28 2.45 -6.82	39.35 2.48 -5.49	40.37 2.68 -5.73	45.16 3.05 -7.44	55.73 4.27 -10.74	58.32 5.04 -7.86	54.86 4.92 -7.86	45.10 3.82 -3.90	44.46 3.63 -4.13	42.23 3.26 -5.77	39.78 3.20 -2.90	40.19 3.16 -4.17	43.24 3.21 -6.92	46.80 3.38 -8.56	54.78 4.22 -12.58	69.78 5.61 -20.04	67.42 5.90 -15.41	56.81 5.20 -10.01	55.61 4.57 -12.63	53.63 3.88 -12.06	46.67 3.56 -6.81	46.40 3.28 -8.24
STURGEON_POOL_HYD 23609	34.13 1.28 0.00	32.23 1.12 0.00	32.13 1.12 0.00	32.57 1.19 0.00	33.17 1.21 0.00	35.91 1.25 0.00	42.67 1.95 0.00	48.05 2.63 0.00	44.65 2.57 0.00	39.22 1.83 0.00	38.43 1.73 0.00	34.77 1.56 0.00	35.16 1.48 0.00	34.37 1.51 0.00	34.63 1.52 0.00	36.39 1.53 0.00	39.93 1.94 0.00	46.87 2.74 0.00	48.97 2.86 0.00	44.13 2.54 0.00	40.68 2.27 0.00	39.53 1.85 0.00	38.12 1.82 0.00	36.49 1.60 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.97 1.12 0.00	32.04 0.93 0.00	31.94 0.93 0.00	32.38 1.00 0.00	33.04 1.09 0.00	35.78 1.11 0.00	42.51 1.79 0.00	47.83 2.41 0.00	44.44 2.36 0.00	39.10 1.72 0.00	38.32 1.61 0.00	34.67 1.46 0.00	35.12 1.45 0.00	34.31 1.45 0.00	34.57 1.46 0.00	36.36 1.50 0.00	39.89 1.90 0.00	46.74 2.60 0.00	48.83 2.72 0.00	44.05 2.45 0.00	40.52 2.11 0.00	39.38 1.70 0.00	37.97 1.67 0.00	36.35 1.47 0.00
SWANROAD_115KV_TB1 355699	30.29 -2.56 0.00	29.02 -2.08 0.00	28.72 -2.29 0.00	28.68 -2.70 0.00	29.46 -2.49 0.00	31.82 -2.84 0.00	37.21 -3.50 0.00	39.78 -5.63 0.01	37.07 -5.01 0.00	32.64 -4.75 0.00	31.73 -4.96 0.01	28.99 -4.22 0.00	29.67 -4.01 0.00	28.95 -3.91 0.00	29.07 -4.04 0.00	30.71 -4.15 0.00	32.78 -5.20 0.00	38.12 -5.96 0.05	39.69 -6.36 0.05	36.18 -5.41 0.01	33.48 -4.92 0.01	32.32 -5.31 0.05	31.35 -4.90 0.05	30.84 -4.05 0.00
SYNERGY___BIOGAS 323694	31.64 -1.21 0.00	30.23 -0.87 0.00	29.92 -1.09 0.00	30.06 -1.32 0.00	30.77 -1.18 0.00	33.38 -1.28 0.00	39.45 -1.26 0.00	42.50 -2.91 0.01	39.68 -2.40 0.00	34.66 -2.73 0.00	33.46 -3.23 0.01	30.65 -2.56 0.00	31.25 -2.43 0.00	30.50 -2.37 0.00	30.83 -2.28 0.00	32.45 -2.40 0.00	34.84 -3.15 0.00	40.64 -3.44 0.05	42.55 -3.51 0.05	38.63 -2.95 0.01	35.63 -2.77 0.01	34.39 -3.24 0.05	33.24 -3.01 0.05	32.72 -2.16 0.00
SYRACUSE___ENERGY_ST1 323597	32.33 -0.53 0.00	30.61 -0.50 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.44 -0.51 0.00	34.15 -0.52 0.00	40.43 -0.28 0.00	44.70 -0.73 -0.01	41.37 -0.72 0.00	36.52 -0.86 0.00	35.71 -0.99 0.01	32.37 -0.83 0.00	32.83 -0.84 0.00	32.01 -0.85 0.00	32.25 -0.86 0.00	33.95 -0.91 0.00	37.08 -0.91 0.00	43.28 -0.84 0.02	45.21 -0.88 0.02	40.90 -0.71 -0.01	37.73 -0.69 -0.01	36.76 -0.90 0.02	35.30 -0.98 0.02	34.01 -0.87 0.00
SYRACUSE___ENERGY_ST2 323598	32.33 -0.53 0.00	30.61 -0.50 0.00	30.48 -0.53 0.00	30.81 -0.56 0.00	31.44 -0.51 0.00	34.15 -0.52 0.00	40.43 -0.28 0.00	44.70 -0.73 -0.01	41.37 -0.72 0.00	36.52 -0.86 0.00	35.71 -0.99 0.01	32.37 -0.83 0.00	32.83 -0.84 0.00	32.01 -0.85 0.00	32.25 -0.86 0.00	33.95 -0.91 0.00	37.08 -0.91 0.00	43.28 -0.84 0.02	45.21 -0.88 0.02	40.90 -0.71 -0.01	37.73 -0.69 -0.01	36.76 -0.90 0.02	35.30 -0.98 0.02	34.01 -0.87 0.00

SYRACUSE___POWER 24017	32.26 -0.59 0.00	30.58 -0.53 0.00	30.42 -0.59 0.00	30.78 -0.60 0.00	31.41 -0.54 0.00	34.11 -0.55 0.00	40.39 -0.33 0.00	44.61 -0.82 -0.01	41.32 -0.76 0.00	36.45 -0.93 0.00	35.67 -1.03 0.01	32.31 -0.90 0.00	32.80 -0.88 0.00	31.98 -0.89 0.00	32.22 -0.89 0.00	33.92 -0.94 0.00	37.04 -0.95 0.00	43.22 -0.88 0.03	45.16 -0.92 0.03	40.85 -0.75 -0.01	37.69 -0.73 0.00	36.71 -0.94 0.03	35.26 -1.02 0.03	33.98 -0.91 0.00
TALLMAN___138KV_BK151 55660	34.07 1.22 0.00	32.13 1.03 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.17 1.21 0.00	35.91 1.25 0.00	42.71 1.99 0.00	48.14 2.73 0.00	44.73 2.65 0.00	39.40 2.02 0.00	38.61 1.91 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.60 1.74 0.00	34.87 1.75 0.00	36.64 1.78 0.00	40.19 2.20 0.00	47.09 2.96 0.00	49.20 3.09 0.00	44.38 2.79 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.19 1.89 0.00	36.56 1.67 0.00
TEALLAVE_115KV_TB7 355573	32.06 -0.79 0.00	30.36 -0.75 0.00	30.23 -0.78 0.00	30.59 -0.78 0.00	31.22 -0.73 0.00	33.90 -0.76 0.00	40.10 -0.61 0.00	44.29 -1.14 0.00	41.03 -1.05 0.00	36.19 -1.20 0.00	35.41 -1.28 0.01	32.08 -1.13 0.00	32.56 -1.11 0.00	31.75 -1.12 0.00	31.99 -1.13 0.00	33.67 -1.19 0.00	36.73 -1.25 0.00	42.86 -1.24 0.03	44.79 -1.29 0.03	40.52 -1.08 0.00	37.38 -1.04 0.00	36.41 -1.24 0.03	34.96 -1.31 0.03	33.70 -1.19 0.00
TELGRAPH_34_KV_EAST 80808	31.14 -1.71 0.00	29.77 -1.34 0.00	29.46 -1.55 0.00	29.46 -1.91 0.00	30.26 -1.69 0.00	32.76 -1.91 0.00	38.52 -2.20 0.00	41.36 -4.04 0.01	38.59 -3.49 0.00	33.91 -3.48 0.00	32.91 -3.78 0.01	30.02 -3.19 0.00	30.68 -3.00 0.00	29.94 -2.92 0.00	30.10 -3.01 0.00	31.76 -3.10 0.00	34.08 -3.91 0.00	39.67 -4.41 0.05	41.40 -4.66 0.05	37.63 -3.95 0.01	34.83 -3.57 0.01	33.60 -4.03 0.05	32.51 -3.74 0.05	31.88 -3.00 0.00
TEMPLE___115KV_TB 2 55572	32.10 -0.76 0.00	30.39 -0.72 0.00	30.27 -0.74 0.00	30.59 -0.78 0.00	31.22 -0.73 0.00	33.94 -0.73 0.00	40.14 -0.57 0.00	44.28 -1.14 0.00	41.03 -1.05 0.00	36.23 -1.16 0.00	35.45 -1.25 0.01	32.11 -1.10 0.00	32.60 -1.08 0.00	31.75 -1.12 0.00	32.02 -1.09 0.00	33.71 -1.15 0.00	36.77 -1.22 0.00	42.91 -1.19 0.03	44.83 -1.24 0.03	40.56 -1.04 0.00	37.41 -1.00 0.00	36.44 -1.21 0.03	35.00 -1.27 0.03	33.73 -1.15 0.00
TIANA___69_KV_BK 1 55817	44.64 3.19 -8.60	40.59 2.80 -6.69	40.65 2.82 -6.82	39.72 2.86 -5.49	40.75 3.07 -5.73	45.61 3.50 -7.44	56.54 5.09 -10.74	59.13 5.86 -7.86	55.79 5.85 -7.86	45.58 4.30 -3.90	44.94 4.11 -4.13	42.53 3.55 -5.77	40.08 3.50 -2.90	40.52 3.48 -4.17	43.67 3.64 -6.92	47.11 3.70 -8.56	55.31 4.75 -12.58	70.57 6.40 -20.04	68.16 6.64 -15.41	57.52 5.91 -10.01	56.31 5.26 -12.63	54.19 4.45 -12.06	47.07 3.96 -6.81	46.79 3.66 -8.24
TILDEN___115KV_TB1 80814	32.26 -0.59 0.00	30.58 -0.53 0.00	30.42 -0.59 0.00	30.78 -0.60 0.00	31.41 -0.54 0.00	34.11 -0.55 0.00	40.39 -0.33 0.00	44.61 -0.82 -0.01	41.32 -0.76 0.00	36.45 -0.93 0.00	35.67 -1.03 0.01	32.31 -0.90 0.00	32.80 -0.88 0.00	31.98 -0.89 0.00	32.22 -0.89 0.00	33.92 -0.94 0.00	37.04 -0.95 0.00	43.22 -0.88 0.03	45.16 -0.92 0.03	40.85 -0.75 -0.01	37.69 -0.73 0.00	36.71 -0.94 0.03	35.26 -1.02 0.03	33.98 -0.91 0.00
TRIGEN___CC 323695	43.39 1.94 -8.60	39.50 1.71 -6.69	39.53 1.71 -6.82	38.62 1.76 -5.49	39.57 1.89 -5.73	44.12 2.01 -7.44	54.34 2.89 -10.74	57.00 3.72 -7.86	53.60 3.66 -7.85	44.16 2.88 -3.90	43.62 2.79 -4.13	41.54 2.56 -5.77	39.10 2.53 -2.90	39.57 2.53 -4.17	42.54 2.52 -6.92	46.03 2.61 -8.56	53.64 3.08 -12.58	68.14 3.97 -20.04	65.66 4.15 -15.40	55.35 3.74 -10.01	54.30 3.26 -12.63	52.53 2.79 -12.06	45.80 2.69 -6.81	45.57 2.44 -8.24
TRINITY___115KV___4 BK 55933	33.38 0.53 0.00	31.54 0.44 0.00	31.48 0.47 0.00	31.88 0.50 0.00	32.43 0.48 0.00	35.22 0.55 0.00	41.53 0.81 0.00	46.60 1.18 0.00	43.18 1.09 0.00	38.02 0.64 0.00	37.36 0.66 0.00	33.80 0.60 0.00	34.28 0.61 0.00	33.49 0.62 0.00	33.77 0.66 0.00	35.56 0.70 0.00	38.94 0.95 0.00	45.37 1.24 0.00	47.45 1.34 0.00	42.80 1.21 0.00	39.41 1.00 0.00	38.51 0.83 0.00	37.06 0.76 0.00	35.58 0.70 0.00
UNION___PROCESSING_DRP 323587	31.54 -1.31 0.00	30.02 -1.09 0.00	29.77 -1.24 0.00	29.90 -1.47 0.00	30.64 -1.31 0.00	33.25 -1.42 0.00	39.25 -1.47 0.00	42.81 -2.59 0.02	39.85 -2.23 0.00	35.07 -2.32 0.00	34.16 -2.53 0.02	31.05 -2.16 0.00	31.62 -2.05 0.00	30.83 -2.04 0.00	31.02 -2.09 0.00	32.73 -2.13 0.00	35.37 -2.62 0.00	41.30 -2.78 0.05	43.33 -2.72 0.05	39.08 -2.50 0.02	36.09 -2.30 0.01	34.99 -2.64 0.05	33.74 -2.50 0.05	32.72 -2.16 0.00
UPPER HUDSON___HYD 24058	34.20 1.35 0.00	32.26 1.15 0.00	32.19 1.18 0.00	32.66 1.29 0.00	33.29 1.34 0.00	35.32 0.66 0.00	41.93 1.22 0.00	47.14 1.73 0.00	43.51 1.43 0.00	38.13 0.75 0.00	37.29 0.59 0.00	33.70 0.50 0.00	34.11 0.44 0.00	33.32 0.46 0.00	33.61 0.50 0.00	35.49 0.63 0.00	38.90 0.91 0.00	45.72 1.59 0.00	47.91 1.80 0.00	43.30 1.71 0.00	39.79 1.38 0.00	38.70 1.02 0.00	37.17 0.87 0.00	35.65 0.77 0.00
UPPER RAQUET___HYD 24056	32.85 0.00 0.00	31.35 0.25 0.00	31.26 0.25 0.00	31.66 0.28 0.00	31.98 0.03 0.00	34.60 -0.07 0.00	40.18 -0.53 0.00	44.74 -0.68 0.00	41.12 -0.97 0.00	37.08 -0.30 0.00	36.41 -0.29 0.00	32.64 -0.56 0.00	33.20 -0.47 0.00	32.34 -0.53 0.00	32.55 -0.56 0.00	34.30 -0.56 0.00	37.49 -0.49 0.00	43.20 -0.93 0.00	45.14 -0.97 0.00	40.52 -1.08 0.00	37.53 -0.88 0.00	37.15 -0.53 0.00	35.97 -0.33 0.00	34.68 -0.21 0.00
VALLEY44_115KV_TB2 355964	32.23 -0.62 0.00	30.70 -0.40 0.00	30.39 -0.62 0.00	30.50 -0.88 0.00	31.38 -0.58 0.00	33.83 -0.83 0.00	40.06 -0.65 0.00	42.24 -3.18 0.00	40.02 -2.06 0.00	35.10 -2.28 0.00	34.12 -2.57 0.01	31.11 -2.09 0.00	31.76 -1.92 0.00	30.96 -1.91 0.00	31.12 -1.99 0.00	32.84 -2.02 0.00	35.37 -2.62 0.00	40.64 -3.44 0.05	41.31 -4.75 0.05	38.72 -2.87 0.00	36.14 -2.27 0.00	34.66 -2.98 0.05	33.35 -2.90 0.05	33.21 -1.67 0.00
VALLEY___115KV_TB 1-4 80826	33.31 0.46 0.00	31.51 0.40 0.00	31.41 0.40 0.00	31.75 0.38 0.00	32.37 0.42 0.00	35.12 0.45 0.00	41.41 0.69 0.00	46.33 0.91 0.00	42.92 0.84 0.00	37.98 0.60 0.00	37.25 0.55 0.00	33.74 0.53 0.00	34.18 0.51 0.00	33.36 0.49 0.00	33.57 0.46 0.00	35.31 0.45 0.00	38.56 0.57 0.00	44.88 0.75 0.00	46.76 0.65 0.00	42.18 0.58 0.00	38.95 0.54 0.00	38.21 0.53 0.00	36.85 0.54 0.00	35.41 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.05 2.20 0.00	33.16 2.05 0.00	33.06 2.05 0.00	33.41 2.04 0.00	34.12 2.17 0.00	37.06 2.39 0.00	44.09 3.38 0.00	49.29 3.86 -0.01	45.57 3.49 0.00	40.04 2.65 0.00	39.01 2.31 0.00	35.30 2.09 0.00	35.76 2.09 0.00	34.90 2.04 0.00	35.16 2.05 0.00	36.99 2.13 0.00	40.61 2.62 0.00	47.74 3.62 0.01	49.79 3.69 0.01	45.01 3.41 -0.01	41.49 3.07 -0.01	40.31 2.64 0.01	38.83 2.54 0.01	37.29 2.41 0.00

VISCHER___FERRY HYD 24020	33.97 1.12 0.00	32.10 1.00 0.00	32.00 0.99 0.00	32.41 1.03 0.00	33.04 1.09 0.00	35.78 1.11 0.00	42.26 1.55 0.00	47.37 1.95 0.00	43.89 1.81 0.00	38.66 1.27 0.00	37.95 1.25 0.00	34.33 1.13 0.00	34.78 1.11 0.00	33.98 1.12 0.00	34.24 1.13 0.00	36.04 1.19 0.00	39.47 1.48 0.00	46.12 1.99 0.00	48.23 2.12 0.00	43.55 1.96 0.00	40.06 1.65 0.00	39.08 1.40 0.00	37.65 1.34 0.00	36.14 1.25 0.00
V_A_10_SYNC_DSASP 323832	30.72 -2.13 0.00	29.36 -1.74 0.00	29.09 -1.92 0.00	29.18 -2.20 0.00	29.88 -2.08 0.00	32.31 -2.36 0.00	38.03 -2.69 0.00	41.13 -4.27 0.01	38.38 -3.70 0.00	33.68 -3.70 0.00	32.72 -3.96 0.02	29.95 -3.25 0.00	30.58 -3.10 0.00	29.84 -3.02 0.00	30.13 -2.98 0.00	31.69 -3.17 0.00	33.96 -4.03 0.00	39.58 -4.50 0.06	41.31 -4.75 0.06	37.59 -3.99 0.01	34.64 -3.76 0.01	33.59 -4.03 0.06	32.40 -3.85 0.06	31.85 -3.04 0.00
V_CMM_10_SYNC_DSASP 323787	33.08 0.23 0.00	31.42 0.31 0.00	31.29 0.28 0.00	31.69 0.31 0.00	32.14 0.19 0.00	34.84 0.17 0.00	40.51 -0.20 0.00	45.05 -0.36 0.00	41.62 -0.46 0.00	37.50 0.11 0.00	36.93 0.22 0.00	33.24 0.03 0.00	33.78 0.10 0.00	32.93 0.07 0.00	33.14 0.03 0.00	34.89 0.03 0.00	37.95 -0.04 0.00	43.65 -0.48 0.00	45.60 -0.51 0.00	41.01 -0.58 0.00	38.03 -0.38 0.00	37.68 0.00 0.00	36.34 0.04 0.00	34.95 0.07 0.00
V_CMP_10_SYNC_DSASP 323788	34.76 1.90 0.00	32.97 1.87 0.00	32.84 1.83 0.00	33.26 1.88 0.00	33.77 1.82 0.00	36.57 1.91 0.00	42.30 1.59 0.00	46.92 1.50 0.00	43.17 1.09 0.00	38.99 1.61 0.00	38.32 1.61 0.00	34.24 1.03 0.00	34.85 1.18 0.00	33.91 1.05 0.00	34.14 1.03 0.00	35.94 1.08 0.00	39.39 1.41 0.00	45.37 1.23 0.00	47.36 1.25 0.00	42.39 0.79 0.00	39.22 0.81 0.00	38.70 1.02 0.00	37.24 0.94 0.00	36.32 1.43 0.00
V_D_10_SYNC_DSASP 323841	33.25 0.40 0.00	31.70 0.59 0.00	31.57 0.56 0.00	31.94 0.57 0.00	32.34 0.38 0.00	35.01 0.35 0.00	40.75 0.04 0.00	45.28 -0.14 0.00	41.79 -0.29 0.00	37.68 0.30 0.00	37.07 0.37 0.00	33.30 0.10 0.00	33.88 0.20 0.00	32.99 0.13 0.00	33.24 0.13 0.00	35.00 0.14 0.00	38.10 0.11 0.00	43.87 -0.26 0.00	45.83 -0.28 0.00	41.18 -0.42 0.00	38.18 -0.23 0.00	37.83 0.15 0.00	36.48 0.18 0.00	35.10 0.21 0.00
V_E_10_SYNC_DSASP 323830	36.24 3.38 0.00	34.34 3.23 0.00	34.14 3.13 0.00	34.54 3.17 0.00	35.43 3.48 0.00	38.76 4.09 0.00	46.54 5.82 0.00	51.56 6.13 -0.01	47.21 5.13 0.00	40.94 3.55 0.00	39.42 2.72 0.01	35.73 2.52 0.00	36.17 2.49 0.00	35.20 2.33 0.00	35.53 2.42 0.00	37.58 2.72 0.00	41.60 3.61 0.00	49.41 5.29 0.02	51.48 5.39 0.02	46.56 4.95 -0.01	42.84 4.42 -0.01	41.39 3.73 0.02	39.80 3.52 0.02	38.31 3.42 0.00
V_F_30_NSYNC___DSASP 323816	34.29 1.44 0.00	32.41 1.31 0.00	32.31 1.30 0.00	32.75 1.38 0.00	33.39 1.44 0.00	35.98 1.32 0.00	42.63 1.91 0.00	47.82 2.41 0.00	44.23 2.14 0.00	38.84 1.46 0.00	38.06 1.36 0.00	34.40 1.19 0.00	34.85 1.18 0.00	34.04 1.18 0.00	34.30 1.19 0.00	36.18 1.32 0.00	39.62 1.63 0.00	46.43 2.29 0.00	48.60 2.49 0.00	43.93 2.33 0.00	40.41 2.00 0.00	39.34 1.66 0.00	37.86 1.56 0.00	36.35 1.46 0.00
V_F_30_SYNC_DSASP 323786	33.44 0.59 0.00	31.60 0.50 0.00	31.54 0.53 0.00	31.94 0.56 0.00	32.49 0.54 0.00	35.29 0.62 0.00	41.69 0.98 0.00	46.74 1.32 0.00	43.30 1.22 0.00	38.13 0.75 0.00	37.47 0.77 0.00	33.90 0.70 0.00	34.35 0.67 0.00	33.55 0.69 0.00	33.84 0.73 0.00	35.63 0.77 0.00	39.05 1.06 0.00	45.50 1.37 0.00	47.59 1.48 0.00	42.97 1.37 0.00	39.56 1.15 0.00	38.62 0.94 0.00	37.14 0.83 0.00	35.65 0.77 0.00
V_XM_10_SYNC_DSASP 323789	34.76 1.90 0.00	32.97 1.87 0.00	32.84 1.83 0.00	33.26 1.88 0.00	33.77 1.82 0.00	36.57 1.91 0.00	42.30 1.59 0.00	46.92 1.50 0.00	43.17 1.09 0.00	38.99 1.61 0.00	38.32 1.61 0.00	34.24 1.03 0.00	34.85 1.18 0.00	33.91 1.05 0.00	34.14 1.03 0.00	35.94 1.08 0.00	39.39 1.41 0.00	45.37 1.23 0.00	47.36 1.25 0.00	42.39 0.79 0.00	39.22 0.81 0.00	38.70 1.02 0.00	37.24 0.94 0.00	36.32 1.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.16 1.31 0.00	32.26 1.15 0.00	32.13 1.12 0.00	32.57 1.19 0.00	33.26 1.31 0.00	36.02 1.35 0.00	42.83 2.12 0.00	48.28 2.86 0.00	44.90 2.82 0.00	39.48 2.09 0.00	38.72 2.02 0.00	35.03 1.83 0.00	35.49 1.82 0.00	34.67 1.81 0.00	34.93 1.82 0.00	36.74 1.88 0.00	40.27 2.28 0.00	47.22 3.09 0.00	49.34 3.23 0.00	44.51 2.91 0.00	40.95 2.54 0.00	39.75 2.07 0.00	38.30 2.00 0.00	36.63 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.30 1.45 0.00	32.35 1.24 0.00	32.22 1.21 0.00	32.63 1.26 0.00	33.36 1.41 0.00	36.19 1.53 0.00	43.08 2.36 0.00	48.69 3.27 0.00	45.32 3.24 0.00	39.96 2.58 0.00	39.20 2.50 0.00	37.39 2.29 -1.90	37.37 2.29 -1.41	37.41 2.30 -2.24	37.10 2.28 -1.71	37.67 2.34 -0.47	40.76 2.77 0.00	47.75 3.62 0.00	49.91 3.78 -0.02	45.01 3.41 0.00	41.33 2.92 0.00	40.09 2.41 0.00	38.70 2.40 0.00	36.94 2.06 0.00
W50THST__13_KV_LOAD 356117	34.43 1.58 0.00	32.47 1.37 0.00	32.34 1.33 0.00	32.76 1.38 0.00	33.52 1.57 0.00	36.37 1.70 0.00	43.28 2.56 0.00	48.96 3.54 0.00	45.62 3.53 0.00	40.19 2.80 0.00	39.42 2.72 0.00	37.62 2.52 -1.90	37.61 2.53 -1.41	37.64 2.53 -2.24	37.33 2.52 -1.71	37.91 2.58 -0.47	40.99 3.00 0.00	48.02 3.88 0.00	50.14 4.01 -0.02	45.26 3.66 0.00	41.56 3.15 0.00	40.32 2.64 0.00	38.88 2.58 0.00	37.08 2.20 0.00
WADING RIVER_IC_1 23522	44.41 2.96 -8.60	40.37 2.58 -6.69	40.43 2.61 -6.82	39.50 2.64 -5.49	40.53 2.84 -5.73	45.36 3.26 -7.44	56.13 4.68 -10.74	58.41 5.13 -7.86	55.07 5.13 -7.86	45.32 4.04 -3.90	44.68 3.85 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.26 3.22 -4.17	43.31 3.28 -6.92	46.87 3.45 -8.56	54.97 4.40 -12.58	70.13 5.96 -20.04	67.79 6.27 -15.41	57.15 5.53 -10.01	55.92 4.88 -12.63	53.85 4.11 -12.06	46.82 3.70 -6.81	46.55 3.42 -8.24
WADING RIVER_IC_2 23547	44.41 2.96 -8.60	40.37 2.58 -6.69	40.43 2.61 -6.82	39.50 2.64 -5.49	40.53 2.84 -5.73	45.36 3.26 -7.44	56.13 4.68 -10.74	58.41 5.13 -7.86	55.07 5.13 -7.86	45.32 4.04 -3.90	44.68 3.85 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.26 3.22 -4.17	43.31 3.28 -6.92	46.87 3.45 -8.56	54.97 4.40 -12.58	70.13 5.96 -20.04	67.79 6.27 -15.41	57.15 5.53 -10.01	55.92 4.88 -12.63	53.85 4.11 -12.06	46.82 3.70 -6.81	46.55 3.42 -8.24
WADING RIVER_IC_3 23601	44.41 2.96 -8.60	40.37 2.58 -6.69	40.43 2.61 -6.82	39.50 2.64 -5.49	40.53 2.84 -5.73	45.36 3.26 -7.44	56.13 4.68 -10.74	58.41 5.13 -7.86	55.07 5.13 -7.86	45.32 4.04 -3.90	44.68 3.85 -4.13	42.30 3.32 -5.77	39.84 3.27 -2.90	40.26 3.22 -4.17	43.31 3.28 -6.92	46.87 3.45 -8.56	54.97 4.40 -12.58	70.13 5.96 -20.04	67.79 6.27 -15.41	57.15 5.53 -10.01	55.92 4.88 -12.63	53.85 4.11 -12.06	46.82 3.70 -6.81	46.55 3.42 -8.24

WALDENNY_12_KV_BK2 80841	31.37 -1.48 0.00	30.02 -1.09 0.00	29.71 -1.30 0.00	29.68 -1.69 0.00	30.51 -1.44 0.00	32.97 -1.70 0.00	38.80 -1.91 0.00	41.37 -4.04 0.01	38.80 -3.28 0.00	34.13 -3.25 0.00	33.17 -3.52 0.01	30.28 -2.92 0.00	30.98 -2.69 0.00	30.23 -2.63 0.00	30.36 -2.75 0.00	32.07 -2.79 0.00	34.30 -3.68 0.00	39.80 -4.28 0.05	41.17 -4.89 0.05	37.80 -3.79 0.01	35.02 -3.38 0.01	33.75 -3.88 0.05	32.62 -3.63 0.05	32.20 -2.69 0.00
WALDEN___HYDRO 24148	34.16 1.31 0.00	32.23 1.12 0.00	32.13 1.12 0.00	32.57 1.19 0.00	33.20 1.25 0.00	35.98 1.32 0.00	42.79 2.08 0.00	48.10 2.68 0.00	44.77 2.69 0.00	39.29 1.91 0.00	38.47 1.76 0.00	34.80 1.59 0.00	35.19 1.52 0.00	34.41 1.54 0.00	34.67 1.56 0.00	36.50 1.64 0.00	40.00 2.01 0.00	47.00 2.87 0.00	49.11 3.00 0.00	44.26 2.66 0.00	40.79 2.38 0.00	39.60 1.92 0.00	38.15 1.85 0.00	36.52 1.64 0.00
WARRENSBURG___ 23737	34.20 1.35 0.00	32.26 1.15 0.00	32.19 1.18 0.00	32.66 1.29 0.00	33.29 1.34 0.00	35.32 0.66 0.00	41.93 1.22 0.00	47.14 1.73 0.00	43.51 1.43 0.00	38.13 0.75 0.00	37.29 0.59 0.00	33.70 0.50 0.00	34.11 0.44 0.00	33.32 0.46 0.00	33.61 0.50 0.00	35.49 0.63 0.00	38.90 0.91 0.00	45.72 1.59 0.00	47.91 1.80 0.00	43.30 1.71 0.00	39.79 1.38 0.00	38.70 1.02 0.00	37.17 0.87 0.00	35.65 0.77 0.00
WATERSIDE___6 8 9 23538	34.26 1.41 0.00	32.29 1.18 0.00	32.10 1.09 0.00	32.54 1.16 0.00	33.29 1.34 0.00	36.09 1.42 0.00	42.99 2.28 0.00	48.60 3.18 0.00	45.32 3.24 0.00	39.96 2.58 0.00	39.16 2.46 0.00	37.36 2.22 -1.93	37.30 2.19 -1.43	37.35 2.20 -2.29	37.07 2.22 -1.74	37.64 2.30 -0.48	40.80 2.81 0.00	47.80 3.66 0.00	49.99 3.87 -0.01	45.05 3.45 0.00	41.37 2.96 0.00	40.17 2.49 0.00	38.73 2.43 0.00	36.94 2.06 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.21 0.36 0.00	31.42 0.31 0.00	31.32 0.31 0.00	31.69 0.31 0.00	32.27 0.32 0.00	35.05 0.38 0.00	41.32 0.61 0.00	46.24 0.82 0.00	42.80 0.72 0.00	37.87 0.49 0.00	37.14 0.44 0.00	33.64 0.43 0.00	34.08 0.40 0.00	33.26 0.39 0.00	33.51 0.40 0.00	35.28 0.42 0.00	38.52 0.53 0.00	44.88 0.75 0.00	46.85 0.74 0.00	42.26 0.67 0.00	38.99 0.58 0.00	38.21 0.53 0.00	36.81 0.51 0.00	35.37 0.49 0.00
WATSON___69_KV_BK 1 55734	44.47 3.02 -8.60	40.50 2.71 -6.69	40.49 2.67 -6.82	39.60 2.73 -5.49	40.62 2.94 -5.73	45.40 3.29 -7.44	56.18 4.72 -10.74	58.91 5.63 -7.86	55.37 5.43 -7.86	45.39 4.11 -3.90	44.72 3.89 -4.13	42.43 3.45 -5.77	40.01 3.43 -2.90	40.45 3.42 -4.17	43.54 3.51 -6.92	47.08 3.66 -8.56	55.12 4.56 -12.58	70.13 5.96 -20.04	67.69 6.18 -15.41	57.14 5.53 -10.01	55.96 4.92 -12.63	53.96 4.22 -12.06	46.96 3.85 -6.81	46.65 3.52 -8.24
WDELAWARE___HYD 323627	33.70 0.85 0.00	31.82 0.72 0.00	31.69 0.68 0.00	32.13 0.75 0.00	32.72 0.77 0.00	35.53 0.87 0.00	42.34 1.63 0.00	47.60 2.18 0.00	44.14 2.06 0.00	38.62 1.23 0.00	37.77 1.07 0.00	34.10 0.90 0.00	33.61 -0.07 0.00	32.83 -0.03 0.00	33.08 -0.03 0.00	34.86 0.00 0.00	38.33 0.34 0.00	45.19 1.06 0.00	47.26 1.15 0.00	42.55 0.96 0.00	40.18 1.77 0.00	39.00 1.32 0.00	37.65 1.34 0.00	35.97 1.08 0.00
WEST BABYLON___IC 23714	44.21 2.76 -8.60	40.25 2.46 -6.69	40.28 2.45 -6.82	39.38 2.51 -5.49	40.33 2.65 -5.73	45.05 2.95 -7.44	55.65 4.19 -10.74	58.41 5.13 -7.86	54.86 4.92 -7.86	45.06 3.78 -3.90	44.39 3.56 -4.13	42.20 3.22 -5.77	39.77 3.20 -2.90	40.22 3.19 -4.17	43.27 3.24 -6.92	46.83 3.42 -8.56	54.74 4.18 -12.58	69.56 5.38 -20.04	67.09 5.58 -15.40	56.64 5.03 -10.01	55.50 4.46 -12.63	53.59 3.84 -12.06	46.67 3.56 -6.81	46.37 3.24 -8.24
WEST CANADA___HYD 24049	32.92 0.07 0.00	31.14 0.03 0.00	31.04 0.03 0.00	31.41 0.03 0.00	32.02 0.06 0.00	34.74 0.07 0.00	40.92 0.20 0.00	45.83 0.41 0.00	42.46 0.38 0.00	37.61 0.23 0.00	36.89 0.18 0.00	33.41 0.20 0.00	33.84 0.17 0.00	33.06 0.20 0.00	33.31 0.20 0.00	35.07 0.21 0.00	38.26 0.27 0.00	44.57 0.44 0.00	46.57 0.46 0.00	42.01 0.42 0.00	38.76 0.34 0.00	37.91 0.23 0.00	36.52 0.22 0.00	35.10 0.21 0.00
WESTERN_NY_WIND 24143	31.60 -1.25 0.00	30.17 -0.93 0.00	29.89 -1.12 0.00	29.90 -1.47 0.00	30.74 -1.21 0.00	33.31 -1.35 0.00	39.25 -1.47 0.00	42.32 -3.09 0.01	39.47 -2.61 0.00	34.62 -2.77 0.00	33.53 -3.16 0.01	30.58 -2.62 0.00	31.18 -2.49 0.00	30.43 -2.43 0.00	30.59 -2.52 0.00	32.35 -2.51 0.00	34.76 -3.23 0.00	40.55 -3.53 0.05	42.41 -3.64 0.05	38.46 -3.12 0.01	35.60 -2.80 0.01	34.31 -3.32 0.05	33.16 -3.09 0.05	32.44 -2.44 0.00
WESTOVER___LESR 323668	33.02 0.16 0.00	31.26 0.16 0.00	31.13 0.12 0.00	31.44 0.06 0.00	32.14 0.19 0.00	34.84 0.17 0.00	41.32 0.61 0.00	45.57 0.14 -0.01	42.38 0.29 0.00	37.35 -0.04 0.00	36.48 -0.22 0.01	33.07 -0.13 0.00	33.54 -0.13 0.00	32.73 -0.13 0.00	32.98 -0.13 0.00	34.72 -0.14 0.00	37.91 -0.08 0.00	44.24 0.13 0.02	46.04 -0.05 0.02	41.82 0.21 -0.01	38.65 0.23 -0.01	37.51 -0.15 0.02	36.06 -0.22 0.02	34.85 -0.03 0.00
WETHRSFD_WT_PWR 323626	31.14 -1.71 0.00	29.80 -1.31 0.00	29.49 -1.52 0.00	29.55 -1.82 0.00	30.29 -1.66 0.00	32.73 -1.94 0.00	38.56 -2.16 0.00	41.19 -4.22 0.01	38.59 -3.49 0.00	33.83 -3.55 0.00	32.76 -3.93 0.01	30.05 -3.16 0.00	30.75 -2.93 0.00	30.00 -2.86 0.00	30.26 -2.85 0.00	31.86 -3.00 0.00	34.04 -3.95 0.00	39.49 -4.59 0.05	41.08 -4.98 0.05	37.55 -4.03 0.01	34.68 -3.73 0.01	33.45 -4.18 0.05	32.47 -3.78 0.05	32.16 -2.72 0.00
WHAVSTOR_138KV_BK127 55557	34.07 1.22 0.00	32.13 1.03 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.17 1.21 0.00	35.91 1.25 0.00	42.71 1.99 0.00	48.10 2.68 0.00	44.73 2.65 0.00	39.37 1.98 0.00	38.61 1.91 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.60 1.74 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.15 2.17 0.00	47.09 2.96 0.00	49.20 3.09 0.00	44.34 2.75 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.19 1.89 0.00	36.56 1.67 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.07 1.22 0.00	32.13 1.03 0.00	32.03 1.02 0.00	32.47 1.10 0.00	33.17 1.21 0.00	35.91 1.25 0.00	42.71 1.99 0.00	48.10 2.68 0.00	44.73 2.65 0.00	39.37 1.98 0.00	38.61 1.91 0.00	34.96 1.76 0.00	35.39 1.72 0.00	34.60 1.74 0.00	34.83 1.72 0.00	36.64 1.78 0.00	40.15 2.17 0.00	47.09 2.96 0.00	49.20 3.09 0.00	44.34 2.75 0.00	40.83 2.42 0.00	39.64 1.96 0.00	38.19 1.89 0.00	36.56 1.67 0.00
WHITEHAL_115KV_TB1 80871	34.69 1.84 0.00	32.72 1.62 0.00	32.62 1.61 0.00	33.16 1.79 0.00	33.87 1.92 0.00	36.92 2.25 0.00	43.03 2.32 0.00	48.37 2.95 0.00	44.56 2.48 0.00	38.92 1.53 0.00	38.03 1.32 0.00	34.30 1.10 0.00	34.69 1.01 0.00	33.91 1.05 0.00	34.24 1.13 0.00	36.18 1.32 0.00	39.74 1.75 0.00	46.78 2.65 0.00	49.06 2.95 0.00	44.43 2.83 0.00	40.79 2.38 0.00	39.57 1.88 0.00	38.01 1.71 0.00	37.22 2.34 0.00

WHITEPLN_13_KV_LOAD 356215	34.56 1.71 0.00	32.63 1.52 0.00	32.50 1.49 0.00	32.94 1.57 0.00	33.64 1.69 0.00	36.40 1.73 0.00	43.40 2.69 0.00	49.14 3.72 0.00	45.66 3.58 0.00	40.08 2.69 0.00	39.35 2.64 0.00	35.60 2.39 0.00	36.07 2.39 0.00	35.26 2.40 0.00	35.53 2.42 0.00	37.37 2.51 0.00	40.99 3.00 0.00	48.10 3.97 0.00	50.26 4.15 0.00	45.30 3.70 0.00	41.56 3.15 0.00	40.28 2.60 0.00	38.84 2.54 0.00	37.15 2.27 0.00
WM_FLOYD_69_KV_BK2 356380	44.41 2.96 -8.60	40.40 2.61 -6.69	40.43 2.60 -6.82	39.53 2.67 -5.49	40.56 2.88 -5.73	45.40 3.29 -7.44	56.22 4.76 -10.74	58.82 5.54 -7.86	55.45 5.51 -7.86	45.32 4.04 -3.90	44.68 3.85 -4.13	42.33 3.35 -5.77	39.87 3.30 -2.90	40.32 3.29 -4.17	43.47 3.44 -6.92	46.94 3.52 -8.56	55.08 4.52 -12.58	70.26 6.09 -20.04	67.83 6.32 -15.41	57.19 5.57 -10.01	56.04 4.99 -12.63	53.93 4.18 -12.06	46.85 3.74 -6.81	46.54 3.42 -8.24
WOODARD__115KV_TB2 355635	32.03 -0.82 0.00	30.33 -0.78 0.00	30.20 -0.81 0.00	30.56 -0.82 0.00	31.18 -0.77 0.00	33.87 -0.80 0.00	40.02 -0.69 0.00	44.20 -1.23 -0.01	40.95 -1.14 0.00	36.15 -1.23 0.00	35.37 -1.32 0.01	32.04 -1.16 0.00	32.53 -1.14 0.00	31.71 -1.15 0.00	31.95 -1.16 0.00	33.67 -1.19 0.00	36.70 -1.29 0.00	42.82 -1.28 0.03	44.74 -1.34 0.03	40.48 -1.12 -0.01	37.34 -1.08 0.00	36.37 -1.28 0.03	34.97 -1.31 0.03	33.66 -1.22 0.00
YORK___WARBASSE 23770	34.46 1.61 0.00	32.47 1.37 0.00	32.31 1.30 0.00	32.72 1.35 0.00	33.52 1.57 0.00	36.30 1.63 0.00	43.20 2.48 0.00	48.82 3.41 0.00	45.57 3.49 0.00	40.15 2.77 0.00	39.35 2.64 0.00	37.53 2.39 -1.93	37.50 2.39 -1.43	37.51 2.37 -2.29	37.23 2.38 -1.74	37.85 2.51 -0.48	41.03 3.04 0.00	48.10 3.97 0.00	50.37 4.20 -0.07	45.34 3.74 0.00	41.64 3.23 0.00	40.44 2.75 -0.01	39.03 2.72 -0.01	37.19 2.30 0.00