

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/15/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	36.82	34.04	32.21	30.56	31.95	34.38	45.90	46.92	42.23	44.82	42.85	40.00	40.14	39.34	37.56	38.47	39.25	41.64	44.65	52.20	55.97	46.88	37.77	35.44
24138	2.12	2.08	1.97	1.87	1.95	1.88	2.76	2.91	2.84	3.24	3.32	3.00	2.94	3.05	2.97	3.05	3.24	3.61	3.57	4.00	4.05	3.27	2.47	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.22	-1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.79	34.01	32.21	30.56	31.92	34.31	45.81	46.83	42.15	44.73	42.73	39.93	40.03	39.23	37.46	38.37	39.17	41.56	44.61	52.15	55.87	46.84	37.73	35.44
24260	2.08	2.05	1.97	1.87	1.92	1.82	2.67	2.82	2.76	3.16	3.20	2.92	2.83	2.94	2.87	2.95	3.17	3.54	3.53	3.95	3.95	3.23	2.44	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.22	-1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.79	34.01	32.21	30.56	31.92	34.31	45.81	46.83	42.15	44.73	42.73	39.93	40.03	39.23	37.46	38.37	39.17	41.56	44.61	52.15	55.87	46.84	37.73	35.44
24261	2.08	2.05	1.97	1.87	1.92	1.82	2.67	2.82	2.76	3.16	3.20	2.92	2.83	2.94	2.87	2.95	3.17	3.54	3.53	3.95	3.95	3.23	2.44	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.22	-1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.51	33.79	31.94	30.30	31.68	34.34	45.56	46.39	41.60	43.86	41.50	38.86	38.80	37.67	34.70	35.35	37.48	39.77	43.26	51.09	54.93	46.09	37.20	35.18
24011	1.80	1.82	1.69	1.61	1.68	1.85	2.42	2.38	2.21	2.29	1.98	1.85	1.60	1.38	1.33	1.46	1.48	1.75	2.18	2.89	3.01	2.49	1.91	1.80
	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	36.65	33.95	32.06	30.42	31.80	34.51	45.86	46.70	41.84	44.07	41.66	38.93	38.91	37.74	34.80	35.49	37.66	39.96	43.50	51.43	55.35	46.40	37.41	35.31
23798	1.94	1.98	1.81	1.72	1.80	2.02	2.72	2.69	2.44	2.49	2.13	1.92	1.71	1.45	1.43	1.59	1.66	1.94	2.42	3.23	3.43	2.79	2.12	1.94
	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	36.51	33.79	31.94	30.30	31.68	34.34	45.56	46.39	41.60	43.86</														

ALBANY___2 23572	35.29 0.59 0.00	32.64 0.67 0.00	30.91 0.67 0.00	29.30 0.60 0.00	30.63 0.63 0.00	33.14 0.65 0.00	43.40 0.26 0.00	44.24 0.22 0.00	39.79 0.39 0.00	42.07 0.50 0.00	40.04 0.51 0.00	37.56 0.56 0.00	37.61 0.41 0.00	36.76 0.47 0.00	33.87 0.50 0.00	34.47 0.58 0.00	36.58 0.58 0.00	38.67 0.65 0.00	41.74 0.66 0.00	48.78 0.58 0.00	52.39 0.47 0.00	44.13 0.52 0.00	35.82 0.53 0.00	34.08 0.70 0.00
ALBANY___3 23573	35.29 0.59 0.00	32.64 0.67 0.00	30.91 0.67 0.00	29.30 0.60 0.00	30.63 0.63 0.00	33.14 0.65 0.00	43.40 0.26 0.00	44.24 0.22 0.00	39.79 0.39 0.00	42.07 0.50 0.00	40.04 0.51 0.00	37.56 0.56 0.00	37.61 0.41 0.00	36.76 0.47 0.00	33.87 0.50 0.00	34.47 0.58 0.00	36.58 0.58 0.00	38.67 0.65 0.00	41.74 0.66 0.00	48.78 0.58 0.00	52.39 0.47 0.00	44.13 0.52 0.00	35.82 0.53 0.00	34.08 0.70 0.00
ALBANY___4 23574	35.29 0.59 0.00	32.64 0.67 0.00	30.91 0.67 0.00	29.30 0.60 0.00	30.63 0.63 0.00	33.14 0.65 0.00	43.40 0.26 0.00	44.24 0.22 0.00	39.79 0.39 0.00	42.07 0.50 0.00	40.04 0.51 0.00	37.56 0.56 0.00	37.61 0.41 0.00	36.76 0.47 0.00	33.87 0.50 0.00	34.47 0.58 0.00	36.58 0.58 0.00	38.67 0.65 0.00	41.74 0.66 0.00	48.78 0.58 0.00	52.39 0.47 0.00	44.13 0.52 0.00	35.82 0.53 0.00	34.08 0.70 0.00
ALBANY___LFGE 323615	35.26 0.55 0.00	32.86 0.89 0.00	31.09 0.85 0.00	29.50 0.80 0.00	30.78 0.78 0.00	33.14 0.65 0.00	43.74 0.60 0.00	44.63 0.62 0.00	40.14 0.75 0.00	42.45 0.87 0.00	40.36 0.83 0.00	37.82 0.81 0.00	37.90 0.71 0.00	37.05 0.76 0.00	34.17 0.80 0.00	34.77 0.88 0.00	36.94 0.93 0.00	39.01 0.99 0.00	42.11 1.03 0.00	49.26 1.06 0.00	52.90 0.98 0.00	44.53 0.92 0.00	36.11 0.81 0.00	34.08 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	34.77 0.07 0.00	32.06 0.10 0.00	30.37 0.12 0.00	28.84 0.14 0.00	30.12 0.12 0.00	32.66 0.16 0.00	43.31 0.17 0.00	44.28 0.27 0.00	39.44 0.04 0.00	41.57 0.00 0.00	39.49 -0.04 0.00	37.01 0.00 0.00	37.20 0.00 0.00	36.22 -0.07 0.00	33.27 -0.10 0.00	33.76 -0.14 0.00	35.79 -0.21 0.00	37.84 -0.19 0.00	40.96 -0.12 0.00	48.20 0.00 0.00	51.92 0.00 0.00	43.56 -0.04 0.00	35.29 0.00 0.00	33.34 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	34.77 0.07 0.00	32.06 0.10 0.00	30.37 0.12 0.00	28.84 0.14 0.00	30.12 0.12 0.00	32.69 0.19 0.00	43.31 0.17 0.00	44.28 0.26 0.00	39.44 0.04 0.00	41.57 0.00 0.00	39.49 -0.04 0.00	37.01 0.00 0.00	37.20 0.00 0.00	36.22 -0.07 0.00	33.27 -0.10 0.00	33.76 -0.14 0.00	35.79 -0.22 0.00	37.80 -0.23 0.00	40.96 -0.12 0.00	48.20 0.00 0.00	51.92 0.00 0.00	43.56 -0.04 0.00	35.29 0.00 0.00	33.34 -0.03 0.00
ALCOA___DSASP 323711	34.77 0.07 0.00	32.06 0.10 0.00	30.37 0.12 0.00	28.84 0.14 0.00	30.12 0.12 0.00	32.69 0.19 0.00	43.31 0.17 0.00	44.28 0.26 0.00	39.44 0.04 0.00	41.57 0.00 0.00	39.49 -0.04 0.00	37.01 0.00 0.00	37.20 0.00 0.00	36.22 -0.07 0.00	33.27 -0.10 0.00	33.76 -0.14 0.00	35.79 -0.22 0.00	37.80 -0.23 0.00	40.96 -0.12 0.00	48.20 0.00 0.00	51.92 0.00 0.00	43.56 -0.04 0.00	35.29 0.00 0.00	33.34 -0.03 0.00
ALLEGHENY___COGEN 23514	35.15 0.45 0.00	31.42 -0.54 0.00	29.70 -0.54 0.00	28.24 -0.46 0.00	29.64 -0.36 0.00	32.33 -0.16 0.00	43.96 0.82 0.00	44.46 0.44 0.00	39.05 -0.43 -0.09	59.10 -1.00 -18.53	44.43 -1.42 -6.33	35.77 -1.33 -0.09	35.86 -1.34 0.00	35.02 -1.27 0.00	32.03 -1.34 0.00	32.81 -1.09 0.00	34.67 -1.33 0.00	37.00 -1.06 -0.04	40.92 -0.24 -0.09	48.48 0.19 -0.09	52.75 0.83 0.00	44.43 0.83 0.00	35.44 0.14 0.00	33.07 -0.30 0.00
ALTAMONT_115KV_TB 2 55880	35.47 0.76 0.00	32.76 0.80 0.00	31.03 0.79 0.00	29.41 0.72 0.00	30.75 0.75 0.00	33.27 0.78 0.00	43.92 0.78 0.00	44.76 0.75 0.00	40.22 0.83 0.00	42.49 0.91 0.00	40.43 0.91 0.00	37.86 0.85 0.00	37.98 0.78 0.00	37.09 0.80 0.00	34.17 0.80 0.00	34.74 0.85 0.00	36.91 0.90 0.00	39.05 1.03 0.00	42.15 1.07 0.00	49.40 1.20 0.00	53.11 1.19 0.00	44.65 1.05 0.00	36.14 0.85 0.00	34.21 0.83 0.00
ALTONA_WT_PWR 323606	34.60 -0.10 0.00	31.90 -0.06 0.00	30.22 -0.03 0.00	28.70 0.00 0.00	30.00 0.00 0.00	32.53 0.03 0.00	43.14 0.00 0.00	44.10 0.09 0.00	39.36 -0.04 0.00	41.49 -0.08 0.00	39.45 -0.08 0.00	36.93 -0.07 0.00	37.16 -0.04 0.00	36.18 -0.11 0.00	33.27 -0.10 0.00	33.79 -0.10 0.00	35.86 -0.14 0.00	37.87 -0.15 0.00	41.00 -0.08 0.00	48.15 -0.05 0.00	51.92 0.00 0.00	43.52 -0.09 0.00	35.22 -0.07 0.00	33.21 -0.17 0.00
AMERICAN_REF_FUEL 24010	32.00 -2.71 0.00	28.16 -3.80 0.00	26.65 -3.60 0.00	25.34 -3.36 0.00	26.55 -3.45 0.00	28.95 -3.54 0.00	39.52 -3.62 0.00	39.66 -4.36 0.00	35.12 -4.26 0.02	31.97 -4.57 5.03	32.97 -4.66 1.89	32.73 -4.25 0.02	33.18 -4.02 0.00	32.41 -3.88 0.00	29.63 -3.74 0.00	30.33 -3.56 0.00	31.79 -4.21 0.00	33.41 -4.60 0.01	36.21 -4.85 0.02	42.29 -5.88 0.02	46.26 -5.66 0.00	39.21 -4.40 0.00	31.55 -3.74 0.00	29.47 -3.90 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.86 -1.84 0.00	29.09 -2.88 0.00	27.49 -2.75 0.00	26.17 -2.53 0.00	27.45 -2.55 0.00	29.96 -2.53 0.00	41.03 -2.11 0.00	41.16 -2.86 0.00	36.69 -2.68 0.03	32.63 -2.91 6.04	34.68 -3.08 1.76	33.98 -3.00 0.03	34.15 -3.05 0.00	33.35 -2.94 0.00	30.43 -2.94 0.00	31.15 -2.74 0.00	32.73 -3.28 0.00	34.63 -3.38 0.01	37.60 -3.45 0.03	44.27 -3.90 0.03	48.34 -3.58 0.00	40.73 -2.88 0.00	32.65 -2.65 0.00	30.44 -2.94 0.00
ARTHUR KILL_GT_1 23520	37.18 2.46 -0.01	34.43 2.46 -0.01	32.58 2.33 -0.01	30.91 2.21 -0.01	32.32 2.31 -0.01	34.57 2.08 0.00	45.99 2.85 0.00	47.01 2.99 0.00	42.27 2.88 0.00	44.86 3.28 0.00	42.81 3.28 0.00	39.97 2.96 0.00	40.10 2.90 0.00	39.34 3.05 0.00	37.56 2.97 -1.22	38.51 3.08 -1.53	39.32 3.31 0.00	41.72 3.69 -0.01	44.82 3.74 -0.01	52.45 4.24 -0.01	56.19 4.26 -0.01	47.15 3.53 -0.01	38.02 2.72 -0.01	35.75 2.37 0.00
ARTHUR_KILL_2 23512	36.97 2.25 -0.01	34.30 2.33 -0.01	32.46 2.21 -0.01	30.80 2.09 -0.01	32.17 2.16 -0.01	34.44 1.95 0.00	45.77 2.63 0.00	46.92 2.90 0.00	42.11 2.72 0.00	44.78 3.20 0.00	42.73 3.20 0.00	39.86 2.85 0.00	39.99 2.79 0.00	39.27 2.98 0.00	37.52 2.94 -1.22	38.47 3.05 -1.53	39.54 3.53 0.00	41.83 3.80 -0.01	44.74 3.65 -0.01	52.26 4.05 -0.01	56.13 4.20 -0.01	47.11 3.49 -0.01	37.95 2.65 -0.01	35.65 2.27 0.00
ARTHUR_KILL_3 23513	36.34 1.63 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.25 1.55 0.00	31.56 1.56 0.00	33.99 1.50 0.00	45.34 2.20 0.00	46.39 2.38 0.00	41.68 2.28 0.00	44.27 2.70 0.00	42.33 2.81 0.00	39.52 2.52 0.00	39.69 2.49 0.00	38.90 2.61 0.00	37.19 2.60 -1.22	38.14 2.71 -1.53	39.10 3.10 0.00	41.37 3.35 0.00	44.24 3.16 0.00	51.72 3.52 0.00	55.55 3.63 0.00	46.53 2.92 0.00	37.41 2.12 0.00	35.11 1.73 0.00

ARTHUR_KILL_COGEN 323718	37.07 2.36 -0.01	34.40 2.43 -0.01	32.52 2.27 -0.01	30.89 2.18 -0.01	32.23 2.22 -0.01	34.51 2.02 0.00	45.90 2.76 0.00	47.01 2.99 0.00	42.23 2.84 0.00	44.86 3.28 0.00	42.80 3.28 0.00	39.93 2.92 0.00	40.10 2.90 0.00	39.34 3.05 0.00	37.59 3.00 -1.22	38.57 3.15 -1.53	39.61 3.60 0.00	41.91 3.88 -0.01	44.86 3.78 -0.01	52.40 4.19 -0.01	56.29 4.36 -0.01	47.23 3.62 -0.01	38.06 2.75 -0.01	35.71 2.34 0.00
ASHOKAN____ 23654	36.16 1.46 0.00	33.40 1.44 0.00	31.64 1.39 0.00	29.93 1.23 0.00	31.29 1.29 0.00	33.83 1.33 0.00	44.87 1.73 0.00	45.73 1.71 0.00	40.93 1.53 0.00	43.11 1.54 0.00	40.91 1.38 0.00	38.15 1.15 0.00	38.24 1.04 0.00	37.42 1.13 0.00	34.94 1.17 -0.40	35.72 1.32 -0.50	37.70 1.69 0.00	40.11 2.09 0.00	43.38 2.30 0.00	51.04 2.84 0.00	54.77 2.85 0.00	46.01 2.40 0.00	37.16 1.87 0.00	34.94 1.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.40 1.70 0.00	34.02 2.05 -0.01	32.19 1.94 -0.01	30.54 1.84 -0.01	31.90 1.89 -0.01	34.02 1.53 0.00	44.99 1.85 0.01	46.16 2.16 0.01	41.59 2.20 0.01	44.19 2.62 0.01	42.21 2.69 0.01	39.40 2.40 0.01	39.54 2.34 0.01	38.78 2.50 0.01	37.08 2.50 -1.21	38.02 2.61 -1.52	39.02 3.02 0.01	41.29 3.27 0.01	44.11 3.04 0.01	51.51 3.32 0.01	55.29 3.37 0.01	46.35 2.75 0.01	37.34 2.05 0.00	35.08 1.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.40 1.70 0.00	34.02 2.05 -0.01	32.19 1.94 -0.01	30.54 1.84 -0.01	31.90 1.89 -0.01	34.02 1.53 0.00	44.99 1.85 0.01	46.16 2.16 0.01	41.59 2.20 0.01	44.19 2.62 0.01	42.21 2.69 0.01	39.40 2.40 0.01	39.54 2.34 0.01	38.78 2.50 0.01	37.08 2.50 -1.21	38.02 2.61 -1.52	39.02 3.02 0.01	41.29 3.27 0.01	44.11 3.04 0.01	51.51 3.32 0.01	55.29 3.37 0.01	46.35 2.75 0.01	37.34 2.05 0.00	35.08 1.70 0.00
ASTORIA_GT2_1 24094	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT2_2 24095	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT2_3 24096	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT2_4 24097	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT3_1 24098	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT3_2 24099	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT3_3 24100	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT3_4 24101	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT4_1 24102	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT4_2 24103	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT4_3 24104	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00

ASTORIA_GT4_4 24105	36.54 1.84 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.05 1.56 0.00	45.08 1.94 0.00	46.22 2.20 0.00	41.64 2.25 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.74 2.74 0.00	41.10 3.08 0.00	44.12 3.04 0.00	51.57 3.00 0.00	55.19 3.27 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.11 1.74 0.00
ASTORIA_GT_1 23523	36.58 1.87 0.00	34.11 2.14 -0.01	32.31 2.06 -0.01	30.63 1.92 -0.01	32.02 2.01 -0.01	34.08 1.59 0.00	45.17 2.03 0.00	46.31 2.29 0.00	41.72 2.32 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.52 2.52 0.00	39.65 2.46 0.00	38.87 2.58 0.00	37.16 2.57 -1.22	38.07 2.64 -1.53	38.81 2.81 0.00	41.18 3.16 0.00	44.20 3.12 0.00	51.67 3.47 0.00	55.30 3.37 0.00	46.36 2.75 0.00	37.41 2.12 0.00	35.18 1.80 0.00
ASTORIA_GT_10 24110	36.65 1.94 0.00	33.99 2.01 -0.01	32.19 1.94 -0.01	30.51 1.81 -0.01	31.90 1.89 -0.01	34.15 1.66 0.00	45.38 2.24 0.00	46.44 2.42 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.77 3.57 0.00	55.40 3.48 0.00	46.49 2.88 0.00	37.52 2.22 0.00	35.28 1.90 0.00
ASTORIA_GT_11 24225	36.65 1.94 0.00	33.99 2.01 -0.01	32.19 1.94 -0.01	30.51 1.81 -0.01	31.90 1.89 -0.01	34.15 1.66 0.00	45.38 2.24 0.00	46.44 2.42 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.77 3.57 0.00	55.40 3.48 0.00	46.49 2.88 0.00	37.52 2.22 0.00	35.28 1.90 0.00
ASTORIA_GT_12 24226	36.65 1.94 0.00	33.99 2.01 -0.01	32.19 1.94 -0.01	30.51 1.81 -0.01	31.90 1.89 -0.01	34.15 1.66 0.00	45.38 2.24 0.00	46.44 2.42 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.77 3.57 0.00	55.40 3.48 0.00	46.49 2.88 0.00	37.52 2.22 0.00	35.28 1.90 0.00
ASTORIA_GT_13 24227	36.65 1.94 0.00	33.99 2.01 -0.01	32.19 1.94 -0.01	30.51 1.81 -0.01	31.90 1.89 -0.01	34.15 1.66 0.00	45.38 2.24 0.00	46.44 2.42 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.77 3.57 0.00	55.40 3.48 0.00	46.49 2.88 0.00	37.52 2.22 0.00	35.28 1.90 0.00
ASTORIA_GT_5 24106	36.58 1.87 0.00	34.11 2.14 -0.01	32.31 2.06 -0.01	30.63 1.92 -0.01	32.02 2.01 -0.01	34.08 1.59 0.00	45.17 2.03 0.00	46.31 2.29 0.00	41.72 2.32 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.52 2.52 0.00	39.65 2.46 0.00	38.87 2.58 0.00	37.16 2.57 -1.22	38.07 2.64 -1.53	38.81 2.81 0.00	41.18 3.16 0.00	44.20 3.12 0.00	51.67 3.47 0.00	55.30 3.37 0.00	46.36 2.75 0.00	37.41 2.12 0.00	35.18 1.80 0.00
ASTORIA_GT_7 24107	36.58 1.87 0.00	34.11 2.14 -0.01	32.31 2.06 -0.01	30.63 1.92 -0.01	32.02 2.01 -0.01	34.08 1.59 0.00	45.17 2.03 0.00	46.31 2.29 0.00	41.72 2.32 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.52 2.52 0.00	39.65 2.46 0.00	38.87 2.58 0.00	37.16 2.57 -1.22	38.07 2.64 -1.53	38.81 2.81 0.00	41.18 3.16 0.00	44.20 3.12 0.00	51.67 3.47 0.00	55.30 3.37 0.00	46.36 2.75 0.00	37.41 2.12 0.00	35.18 1.80 0.00
ASTORIA_GT_8 24108	36.58 1.87 0.00	34.11 2.14 -0.01	32.31 2.06 -0.01	30.63 1.92 -0.01	32.02 2.01 -0.01	34.08 1.59 0.00	45.17 2.03 0.00	46.31 2.29 0.00	41.72 2.32 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.52 2.52 0.00	39.65 2.46 0.00	38.87 2.58 0.00	37.16 2.57 -1.22	38.07 2.64 -1.53	38.81 2.81 0.00	41.18 3.16 0.00	44.20 3.12 0.00	51.67 3.47 0.00	55.30 3.37 0.00	46.36 2.75 0.00	37.41 2.12 0.00	35.18 1.80 0.00
ASTORIA___2 24149	36.44 1.73 0.00	34.02 2.05 -0.01	32.22 1.96 -0.01	30.54 1.84 -0.01	31.90 1.89 -0.01	34.02 1.53 0.00	45.03 1.90 0.01	46.21 2.20 0.01	41.63 2.24 0.01	44.19 2.62 0.01	42.21 2.69 0.01	39.40 2.40 0.01	39.57 2.38 0.01	38.78 2.50 0.01	37.11 2.53 -1.21	38.06 2.65 -1.52	39.02 3.02 0.01	41.32 3.31 0.01	44.15 3.08 0.01	51.56 3.37 0.01	55.29 3.37 0.01	46.35 2.75 0.01	37.34 2.05 0.00	35.08 1.70 0.00
ASTORIA___3 23516	36.54 1.84 0.00	33.95 1.98 -0.01	32.13 1.88 -0.01	30.49 1.78 -0.01	31.84 1.83 -0.01	34.12 1.62 0.00	45.30 2.16 0.00	46.44 2.42 0.00	41.80 2.40 0.00	44.40 2.83 0.00	42.41 2.88 0.00	39.60 2.59 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.20 2.78 -1.53	39.18 3.17 0.00	41.45 3.42 0.00	44.32 3.24 0.00	51.77 3.57 0.00	55.50 3.58 0.00	46.58 2.97 0.00	37.52 2.22 0.00	35.24 1.87 0.00
ASTORIA___4 23517	36.65 1.94 0.00	33.99 2.01 -0.01	32.19 1.94 -0.01	30.51 1.81 -0.01	31.90 1.89 -0.01	34.15 1.66 0.00	45.38 2.24 0.00	46.44 2.42 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.77 3.57 0.00	55.40 3.48 0.00	46.49 2.88 0.00	37.52 2.22 0.00	35.28 1.90 0.00
ASTORIA___5 23518	36.54 1.84 0.00	33.95 1.98 -0.01	32.13 1.88 -0.01	30.49 1.78 -0.01	31.84 1.83 -0.01	34.12 1.62 0.00	45.30 2.16 0.00	46.44 2.42 0.00	41.80 2.40 0.00	44.40 2.83 0.00	42.41 2.88 0.00	39.60 2.59 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.20 2.78 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.32 3.24 0.00	51.77 3.57 0.00	55.50 3.58 0.00	46.58 2.97 0.00	37.52 2.22 0.00	35.24 1.87 0.00
AST_ENERGY_2_CC3 323677	36.44 1.73 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.42 2.28 0.00	46.52 2.51 0.00	41.80 2.40 0.00	44.40 2.83 0.00	42.41 2.88 0.00	39.60 2.59 0.00	39.76 2.56 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.17 2.74 -1.53	39.18 3.17 0.00	41.41 3.38 0.00	44.32 3.24 0.00	51.77 3.57 0.00	55.61 3.69 0.00	46.62 3.01 0.00	37.48 2.19 0.00	35.21 1.83 0.00
AST_ENERGY_2_CC4 323678	36.44 1.73 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.42 2.28 0.00	46.52 2.51 0.00	41.80 2.40 0.00	44.40 2.83 0.00	42.41 2.88 0.00	39.60 2.59 0.00	39.76 2.56 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.17 2.74 -1.53	39.18 3.17 0.00	41.41 3.38 0.00	44.32 3.24 0.00	51.77 3.57 0.00	55.61 3.69 0.00	46.62 3.01 0.00	37.48 2.19 0.00	35.21 1.83 0.00

ATHENS_STG_1 23668	35.67 0.97 0.00	32.99 1.02 0.00	31.24 1.00 0.00	29.62 0.92 0.00	30.96 0.96 0.00	33.40 0.91 0.00	44.35 1.21 0.00	45.29 1.28 0.00	40.69 1.30 0.00	43.07 1.49 0.00	41.03 1.50 0.00	38.38 1.37 0.00	38.54 1.34 0.00	37.67 1.38 0.00	34.74 1.37 0.00	35.35 1.46 0.00	37.66 1.66 0.00	39.81 1.79 0.00	42.84 1.77 0.00	50.18 1.98 0.00	53.89 1.97 0.00	45.27 1.66 0.00	36.53 1.23 0.00	34.44 1.07 0.00
ATHENS_STG_2 23670	35.67 0.97 0.00	32.99 1.02 0.00	31.24 1.00 0.00	29.62 0.92 0.00	30.96 0.96 0.00	33.40 0.91 0.00	44.35 1.21 0.00	45.29 1.28 0.00	40.69 1.30 0.00	43.07 1.49 0.00	41.03 1.50 0.00	38.38 1.37 0.00	38.54 1.34 0.00	37.67 1.38 0.00	34.74 1.37 0.00	35.35 1.46 0.00	37.66 1.66 0.00	39.81 1.79 0.00	42.84 1.77 0.00	50.18 1.98 0.00	53.89 1.97 0.00	45.27 1.66 0.00	36.53 1.23 0.00	34.44 1.07 0.00
ATHENS_STG_3 23677	35.67 0.97 0.00	32.99 1.02 0.00	31.24 1.00 0.00	29.62 0.92 0.00	30.96 0.96 0.00	33.40 0.91 0.00	44.35 1.21 0.00	45.29 1.28 0.00	40.69 1.30 0.00	43.07 1.49 0.00	41.03 1.50 0.00	38.38 1.37 0.00	38.54 1.34 0.00	37.67 1.38 0.00	34.74 1.37 0.00	35.35 1.46 0.00	37.66 1.66 0.00	39.81 1.79 0.00	42.84 1.77 0.00	50.18 1.98 0.00	53.89 1.97 0.00	45.27 1.66 0.00	36.53 1.23 0.00	34.44 1.07 0.00
AUBURN____LFGE 323710	34.81 0.10 0.00	31.87 -0.10 0.00	30.13 -0.12 0.00	28.58 -0.11 0.00	29.91 -0.09 0.00	32.49 0.00 0.00	43.53 0.39 0.00	44.41 0.40 0.00	39.64 0.24 0.00	42.48 0.08 -0.82	39.77 -0.04 -0.28	36.86 -0.15 0.00	37.12 -0.07 0.00	36.18 -0.11 0.00	33.10 -0.27 0.00	33.55 -0.34 0.00	35.65 -0.36 0.00	37.68 -0.34 0.00	40.96 -0.12 0.00	48.16 -0.05 0.00	52.02 0.10 0.00	43.65 0.04 0.00	35.19 -0.11 0.00	33.24 -0.13 0.00
BABYLON_RES_REC 323704	38.93 2.53 -1.69	35.64 2.49 -1.18	33.59 2.30 -1.04	32.00 2.15 -1.15	33.60 2.28 -1.32	36.43 2.37 -1.57	47.51 3.32 -1.05	48.48 3.48 -0.99	52.46 3.19 -9.87	51.41 3.58 -6.26	51.41 3.48 -8.41	50.81 3.14 -10.66	50.68 3.09 -10.39	50.80 3.16 -11.35	49.79 3.17 -13.25	47.94 3.32 -10.72	50.94 3.67 -11.26	51.59 3.95 -9.61	52.71 3.86 -7.78	54.70 4.24 -2.26	59.56 4.36 -3.28	53.69 3.79 -6.29	39.98 2.97 -1.72	37.39 2.60 -1.41
BALL_HILL_WT_PWR 323825	33.11 -1.60 0.00	29.28 -2.68 0.00	27.68 -2.57 0.00	26.34 -2.35 0.00	27.60 -2.40 0.00	30.09 -1.98 0.00	41.16 -2.73 0.00	41.29 -2.73 0.00	36.84 -2.52 0.03	32.31 -2.70 6.56	34.68 -2.88 1.96	34.20 -2.78 0.03	34.37 -2.83 0.00	33.57 -2.72 0.00	30.70 -2.67 0.00	31.42 -2.47 0.00	32.98 -3.02 0.00	34.82 -3.19 0.01	37.76 -3.29 0.03	44.41 -3.76 0.03	48.49 -3.43 0.00	40.90 -2.70 0.00	32.79 -2.51 0.00	30.64 -2.74 0.00
BARON_WINDS____WT_PWR 323822	33.94 -0.76 0.00	30.43 -1.53 0.00	28.73 -1.51 0.00	27.29 -1.41 0.00	28.53 -1.47 0.00	31.10 -1.40 0.00	42.23 -0.91 0.00	42.52 -1.50 0.00	37.72 -1.54 0.14	12.10 -1.62 27.85	28.46 -1.66 9.40	35.13 -1.74 0.14	35.41 -1.78 0.00	34.62 -1.67 0.00	31.73 -1.63 0.00	32.44 -1.46 0.00	34.24 -1.76 0.00	36.18 -1.79 0.05	39.34 -1.60 0.14	46.43 -1.64 0.14	50.62 -1.30 0.00	42.56 -1.05 0.00	34.06 -1.24 0.00	31.98 -1.40 0.00
BARRETT_IC_1 23704	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_10 23701	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_11 23702	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_12 23703	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_2 23705	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_3 23706	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_4 23707	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_5 23708	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01

BARRETT_IC_6 23709	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_7 23710	37.07 2.36 -0.01	34.30 2.33 0.00	32.39 2.15 0.00	30.73 2.04 0.00	32.16 2.16 0.00	34.70 2.21 0.00	46.13 2.98 -0.01	47.02 2.99 -0.01	50.54 2.56 -8.58	49.78 2.95 -5.25	49.80 2.92 -7.35	49.38 2.70 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.91 2.70 -12.84	46.98 2.78 -10.30	49.17 2.92 -10.24	49.73 3.19 -8.51	50.69 3.20 -6.40	51.92 3.71 -0.01	55.72 3.79 -0.01	50.43 3.01 -3.81	37.88 2.51 -0.07	35.75 2.37 -0.01
BARRETT_IC_8 23711	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT_IC_9 23700	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT___1 23545	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BARRETT___2 23546	36.97 2.25 -0.01	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.64 2.14 0.00	46.04 2.89 -0.01	47.02 2.99 -0.01	50.50 2.52 -8.58	49.78 2.95 -5.25	49.76 2.88 -7.35	49.34 2.67 -9.67	49.32 2.64 -9.48	49.42 2.72 -10.40	48.95 2.74 -12.84	47.04 2.85 -10.30	49.42 3.17 -10.24	49.92 3.38 -8.51	50.73 3.24 -6.40	51.92 3.71 -0.01	55.77 3.84 -0.01	50.52 3.10 -3.81	37.88 2.51 -0.07	35.72 2.34 -0.01
BATAVIA__115KV_TB1 55881	33.32 -1.39 0.00	29.89 -2.08 0.00	28.22 -2.03 0.00	26.86 -1.84 0.00	28.02 -1.98 0.00	30.41 -2.08 0.00	41.41 -1.73 0.00	41.99 -2.02 0.00	37.05 -2.32 0.02	35.32 -2.74 3.51	35.28 -3.00 1.24	34.07 -2.92 0.02	34.74 -2.46 0.00	33.93 -2.36 0.00	30.63 -2.74 0.00	31.05 -2.85 0.00	33.13 -2.88 0.00	35.01 -3.00 0.01	38.27 -2.79 0.02	44.81 -3.37 0.02	49.12 -2.80 0.00	41.52 -2.09 0.00	33.18 -2.12 0.00	30.94 -2.44 0.00
BAYONEEC___CTG1 323682	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYONEEC___CTG10 323750	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYONEEC___CTG2 323683	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYONEEC___CTG3 323684	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYONEEC___CTG4 323685	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYONEEC___CTG5 323686	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYONEEC___CTG6 323687	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYONEEC___CTG7 323688	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00

BAYONEEC___CTG8 323689	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYONEEC___CTG9 323749	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.47 2.33 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
BAYPORT_69_KV_BK 2 356364	61.97 3.19 -24.07	51.81 3.00 -16.84	47.96 2.81 -14.90	47.78 2.64 -16.44	51.60 2.79 -18.81	57.80 2.92 -22.39	62.15 4.10 -14.91	62.19 4.14 -14.04	65.69 3.86 -22.43	62.63 4.28 -16.77	62.12 4.11 -18.49	59.44 3.81 -18.62	58.34 3.72 -17.42	58.35 3.77 -18.28	49.48 3.70 -12.40	49.23 3.80 -11.55	59.18 4.00 -19.18	61.97 4.37 -19.57	68.07 4.44 -22.55	85.31 4.92 -32.20	103.61 4.93 -46.76	85.10 4.36 -37.13	62.39 3.53 -23.57	56.58 3.14 -20.07
BEACON___LESR 323632	35.43 0.73 0.00	33.02 1.05 0.00	31.24 1.00 0.00	29.62 0.92 0.00	30.93 0.93 0.00	33.31 0.81 0.00	44.00 0.86 0.00	44.90 0.88 0.00	40.42 1.02 0.00	42.70 1.12 0.00	40.55 1.03 0.00	37.97 0.96 0.00	38.06 0.86 0.00	37.16 0.87 0.00	34.27 0.90 0.00	34.91 1.02 0.00	37.12 1.12 0.00	39.20 1.18 0.00	42.35 1.27 0.00	49.55 1.35 0.00	53.22 1.30 0.00	44.79 1.18 0.00	36.32 1.02 0.00	34.24 0.87 0.00
BEAVER RIVER___HYD 24048	34.67 -0.03 0.00	31.93 -0.03 0.00	30.00 -0.24 0.00	28.32 -0.37 0.00	29.79 -0.21 0.00	32.49 0.00 0.00	43.40 0.26 0.00	44.24 0.22 0.00	39.16 -0.23 0.00	41.16 -0.42 0.00	38.93 -0.59 0.00	36.34 -0.67 0.00	36.42 -0.78 0.00	35.27 -1.02 0.00	32.37 -1.00 0.00	32.81 -1.09 0.00	34.93 -1.08 0.00	37.19 -0.49 0.00	40.59 0.05 0.00	48.25 0.31 0.00	52.23 0.22 0.00	43.83 0.22 0.00	35.54 0.25 0.00	33.54 0.17 0.00
BEEBEE_GT_13 23619	33.91 -0.80 0.00	30.72 -1.25 0.00	29.01 -1.24 0.00	27.58 -1.12 0.00	28.80 -1.20 0.00	31.29 -1.20 0.00	42.19 -0.95 0.00	43.00 -1.01 0.00	38.10 -1.30 0.00	39.83 -1.75 0.00	37.67 -1.86 0.00	35.34 -1.67 0.00	36.01 -1.19 0.00	35.13 -1.16 0.00	31.93 -1.43 0.00	32.40 -1.49 0.00	34.46 -1.55 0.00	36.39 -1.64 0.00	39.60 -1.48 0.00	46.27 -1.93 0.00	50.41 -1.51 0.00	42.52 -1.09 0.00	34.06 -1.24 0.00	31.97 -1.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.00 2.29 -0.01	34.27 2.30 -0.01	32.43 2.18 -0.01	30.77 2.07 -0.01	32.14 2.13 -0.01	34.41 1.92 0.00	45.81 2.67 0.00	46.92 2.91 0.00	42.19 2.80 0.00	44.82 3.24 0.00	42.81 3.28 0.00	39.97 2.96 0.00	40.10 2.90 0.00	39.34 3.05 0.00	37.56 2.97 -1.22	38.47 3.05 -1.53	39.28 3.28 0.00	41.72 3.69 -0.01	44.78 3.70 -0.01	52.35 4.15 -0.01	56.08 4.15 -0.01	47.02 3.40 -0.01	37.91 2.61 -0.01	35.61 2.24 0.00
BETHLEHEM___GRP 23843	35.29 0.59 0.00	32.64 0.67 0.00	30.91 0.67 0.00	29.30 0.60 0.00	30.63 0.63 0.00	33.14 0.65 0.00	43.40 0.26 0.00	44.24 0.22 0.00	39.79 0.39 0.00	42.07 0.50 0.00	40.04 0.51 0.00	37.56 0.56 0.00	37.61 0.41 0.00	36.76 0.47 0.00	33.87 0.50 0.00	34.47 0.58 0.00	36.58 0.58 0.00	38.67 0.65 0.00	41.74 0.66 0.00	48.78 0.58 0.00	52.39 0.47 0.00	44.13 0.52 0.00	35.82 0.53 0.00	34.08 0.70 0.00
BETHLEHEM___GS1 323560	34.98 0.28 0.00	32.64 0.67 0.00	30.88 0.64 0.00	29.30 0.60 0.00	30.60 0.60 0.00	32.88 0.39 0.00	43.36 0.22 0.00	44.24 0.22 0.00	39.79 0.39 0.00	42.07 0.50 0.00	40.04 0.51 0.00	37.49 0.48 0.00	37.61 0.41 0.00	36.76 0.47 0.00	33.90 0.53 0.00	34.50 0.61 0.00	36.69 0.68 0.00	38.71 0.69 0.00	41.78 0.70 0.00	48.78 0.58 0.00	52.39 0.47 0.00	44.13 0.53 0.00	35.82 0.53 0.00	33.81 0.43 0.00
BETHLEHEM___GS2 323561	34.98 0.28 0.00	32.64 0.67 0.00	30.88 0.64 0.00	29.30 0.60 0.00	30.60 0.60 0.00	32.88 0.39 0.00	43.36 0.22 0.00	44.24 0.22 0.00	39.79 0.39 0.00	42.07 0.50 0.00	40.04 0.51 0.00	37.49 0.48 0.00	37.61 0.41 0.00	36.76 0.47 0.00	33.90 0.53 0.00	34.50 0.61 0.00	36.69 0.68 0.00	38.71 0.69 0.00	41.78 0.70 0.00	48.78 0.58 0.00	52.39 0.47 0.00	44.13 0.53 0.00	35.82 0.53 0.00	33.81 0.43 0.00
BETHLEHEM___GS3 323562	34.98 0.28 0.00	32.64 0.67 0.00	30.88 0.64 0.00	29.30 0.60 0.00	30.60 0.60 0.00	32.88 0.39 0.00	43.36 0.22 0.00	44.24 0.22 0.00	39.79 0.39 0.00	42.07 0.50 0.00	40.04 0.51 0.00	37.49 0.48 0.00	37.61 0.41 0.00	36.76 0.47 0.00	33.90 0.53 0.00	34.50 0.61 0.00	36.69 0.68 0.00	38.71 0.69 0.00	41.78 0.70 0.00	48.78 0.58 0.00	52.39 0.47 0.00	44.13 0.53 0.00	35.82 0.53 0.00	33.81 0.43 0.00
BETHLEHEM___STEEL 23779	32.86 -1.84 0.00	29.44 -2.53 0.00	27.74 -2.51 0.00	26.40 -2.30 0.00	27.45 -2.55 0.00	29.83 -2.66 0.00	40.72 -2.42 0.00	40.98 -3.04 0.00	36.61 -2.76 0.03	32.20 -2.95 6.42	34.55 -3.12 1.85	33.90 -3.07 0.03	34.19 -3.01 0.00	33.42 -2.87 0.00	30.20 -3.17 0.00	30.61 -3.29 0.00	32.62 -3.38 0.00	34.48 -3.54 0.01	37.56 -3.49 0.03	44.02 -4.15 0.03	48.13 -3.79 0.00	40.64 -2.97 0.00	32.51 -2.79 0.00	30.41 -2.97 0.00
BETHLHEM_115KV_TB1 79974	35.33 0.62 0.00	32.67 0.70 0.00	30.94 0.70 0.00	29.33 0.63 0.00	30.66 0.66 0.00	33.17 0.68 0.00	43.53 0.39 0.00	44.32 0.31 0.00	39.87 0.47 0.00	42.16 0.58 0.00	40.12 0.59 0.00	37.64 0.63 0.00	37.68 0.48 0.00	36.83 0.54 0.00	33.97 0.60 0.00	34.54 0.64 0.00	36.65 0.65 0.00	38.75 0.72 0.00	41.82 0.74 0.00	48.92 0.72 0.00	52.54 0.62 0.00	44.22 0.61 0.00	35.89 0.60 0.00	34.11 0.73 0.00
BETHPAGE_CC_5 323564	37.21 2.50 -0.01	34.43 2.46 0.00	32.52 2.27 0.00	30.82 2.12 0.00	32.25 2.25 0.00	34.83 2.34 0.00	46.43 3.28 -0.01	47.42 3.39 -0.01	51.86 3.11 -9.35	50.83 3.53 -5.73	51.02 3.48 -8.02	50.73 3.18 -10.54	50.66 3.13 -10.34	50.83 3.19 -11.34	50.43 3.17 -13.89	48.28 3.29 -11.10	50.81 3.64 -11.17	51.22 3.92 -9.28	51.88 3.82 -6.98	52.40 4.19 -0.01	56.29 4.36 -0.01	51.51 3.75 -4.15	38.27 2.89 -0.08	35.92 2.54 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.86 -1.84 0.00	29.47 -2.49 0.00	27.77 -2.48 0.00	26.43 -2.27 0.00	27.48 -2.52 0.00	29.86 -2.63 0.00	40.77 -2.37 0.00	41.07 -2.95 0.00	36.77 -2.60 0.03	32.65 -2.66 6.26	34.91 -2.85 1.77	34.09 -2.89 0.03	34.22 -2.98 0.00	33.46 -2.83 0.00	30.23 -3.14 0.00	30.64 -3.25 0.00	32.66 -3.35 0.00	34.55 -3.46 0.01	37.64 -3.41 0.03	44.17 -4.00 0.03	48.23 -3.69 0.00	40.69 -2.92 0.00	32.58 -2.72 0.00	30.44 -2.94 0.00

BINGHAMTON___COGEN 23790	34.77 0.07 0.00	31.84 -0.13 0.00	30.06 -0.18 0.00	28.55 -0.14 0.00	29.82 -0.18 0.00	32.36 -0.13 0.00	43.36 0.22 0.00	44.06 0.04 0.00	39.48 0.08 0.00	41.70 0.12 0.00	39.56 0.04 0.00	36.93 -0.07 0.00	37.09 -0.11 0.00	36.18 -0.11 0.00	33.17 -0.20 0.00	33.69 -0.20 0.00	35.79 -0.22 0.00	37.87 -0.15 0.00	41.08 0.00 0.00	48.25 0.05 0.00	52.13 0.21 0.00	43.78 0.17 0.00	35.22 -0.07 0.00	33.24 -0.13 0.00
BIXINCNT_115KV_LOAD 355685	33.00 -1.70 0.00	29.57 -2.40 0.00	27.74 -2.51 0.00	26.40 -2.30 0.00	27.51 -2.49 0.00	29.93 -2.57 0.00	40.94 -2.20 0.00	41.20 -2.82 0.00	37.28 -2.09 0.03	34.15 -1.83 5.59	35.91 -2.06 1.56	34.65 -2.33 0.03	34.48 -2.72 0.00	33.64 -2.65 0.00	30.43 -2.94 0.00	30.88 -3.02 0.00	32.84 -3.17 0.00	34.82 -3.19 0.01	38.13 -2.92 0.03	44.94 -3.23 0.03	48.86 -3.06 0.00	41.12 -2.49 0.00	32.82 -2.47 0.00	30.71 -2.67 0.00
BLACK RIVER___HYD 24047	34.95 0.24 0.00	32.16 0.19 0.00	30.28 0.03 0.00	28.50 -0.20 0.00	30.03 0.03 0.00	32.72 0.23 0.00	43.74 0.60 0.00	44.59 0.57 0.00	39.36 -0.04 0.00	41.24 -0.33 0.00	38.97 -0.55 0.00	36.30 -0.70 0.00	36.46 -0.74 0.00	35.31 -0.98 0.00	32.40 -0.97 0.00	32.84 -1.05 0.00	34.93 -1.08 0.00	37.26 -0.76 0.00	40.79 -0.29 0.00	48.68 0.48 0.00	52.70 0.78 0.00	44.22 0.61 0.00	35.75 0.46 0.00	33.71 0.33 0.00
BLACKRVR_115KV_TB2 79977	34.91 0.21 0.00	32.16 0.19 0.00	30.25 0.00 0.00	28.50 -0.20 0.00	30.03 0.03 0.00	32.69 0.19 0.00	43.74 0.60 0.00	44.59 0.57 0.00	39.36 -0.04 0.00	41.24 -0.33 0.00	38.97 -0.55 0.00	36.30 -0.70 0.00	36.45 -0.74 0.00	35.31 -0.98 0.00	32.40 -0.97 0.00	32.88 -1.02 0.00	35.00 -1.01 0.00	37.30 -0.72 0.00	40.79 -0.29 0.00	48.68 0.48 0.00	52.70 0.78 0.00	44.22 0.61 0.00	35.75 0.46 0.00	33.68 0.30 0.00
BLISS_WT_PWR 323608	33.04 -1.67 0.00	29.18 -2.78 0.00	27.43 -2.81 0.00	26.09 -2.61 0.00	27.36 -2.64 0.00	29.89 -2.60 0.00	40.94 -2.20 0.00	41.11 -2.91 0.00	37.20 -2.17 0.03	34.11 -1.87 5.59	35.87 -2.10 1.56	34.43 -2.55 0.03	34.45 -2.75 0.00	33.61 -2.69 0.00	30.67 -2.70 0.00	31.42 -2.47 0.00	32.95 -3.06 0.00	34.90 -3.12 0.01	37.97 -3.08 0.03	44.80 -3.38 0.03	48.81 -3.11 0.00	41.04 -2.57 0.00	32.86 -2.43 0.00	30.67 -2.70 0.00
BLUESTONE___WT_PWR 323821	36.16 1.46 0.00	33.21 1.25 0.00	31.40 1.15 0.00	29.67 0.98 0.00	31.14 1.14 0.00	33.79 1.30 0.00	44.74 1.60 0.00	45.60 1.58 0.00	40.74 1.34 0.00	42.99 1.41 0.00	40.87 1.34 0.00	38.15 1.15 0.00	38.35 1.15 0.00	37.34 1.05 0.00	34.00 1.04 0.40	34.47 1.08 0.51	37.27 1.26 0.00	39.55 1.52 0.00	42.84 1.77 0.00	50.61 2.41 0.00	54.57 2.65 0.00	45.87 2.27 0.00	36.92 1.62 0.00	34.74 1.37 0.00
BLUE_CIRC_CHEM_DRP 24182	35.68 0.97 0.00	32.99 1.02 0.00	31.21 0.97 0.00	29.59 0.89 0.00	30.93 0.93 0.00	33.47 0.97 0.00	44.09 0.95 0.00	44.94 0.92 0.00	40.34 0.95 0.00	42.57 1.00 0.00	40.47 0.95 0.00	37.89 0.89 0.00	37.94 0.74 0.00	37.05 0.76 0.00	34.14 0.77 0.00	34.74 0.85 0.00	36.91 0.90 0.00	39.05 1.03 0.00	42.23 1.15 0.00	49.55 1.35 0.00	53.27 1.35 0.00	44.79 1.18 0.00	36.28 0.99 0.00	34.41 1.03 0.00
BOC_GAS_DRP 24189	35.40 0.69 0.00	32.70 0.74 0.00	30.94 0.70 0.00	29.36 0.66 0.00	30.69 0.69 0.00	33.17 0.68 0.00	43.79 0.65 0.00	44.63 0.62 0.00	40.11 0.71 0.00	42.41 0.83 0.00	40.36 0.83 0.00	37.82 0.81 0.00	37.94 0.74 0.00	37.05 0.76 0.00	34.17 0.80 0.00	34.74 0.85 0.00	36.87 0.86 0.00	39.01 0.99 0.00	42.06 0.99 0.00	49.26 1.06 0.00	52.91 0.99 0.00	44.48 0.87 0.00	36.04 0.74 0.00	34.14 0.77 0.00
BOONVILLE_115KV_TB1 79983	35.26 0.56 0.00	32.44 0.48 0.00	30.58 0.33 0.00	28.87 0.17 0.00	30.36 0.36 0.00	33.04 0.55 0.00	44.09 0.95 0.00	44.98 0.97 0.00	40.03 0.63 0.00	42.07 0.50 0.00	39.88 0.36 0.00	37.19 0.19 0.00	37.38 0.19 0.00	36.29 0.00 0.00	33.34 -0.03 0.00	33.83 -0.07 0.00	36.01 0.00 0.00	38.21 0.19 0.00	41.57 0.49 0.00	49.21 1.01 0.00	53.17 1.25 0.00	44.61 1.00 0.00	36.07 0.78 0.00	34.01 0.63 0.00
BORALEX_4TH_BRANCH 23824	36.06 1.35 0.00	33.37 1.41 0.00	31.67 1.42 0.00	30.05 1.35 0.00	31.41 1.41 0.00	34.02 1.53 0.00	44.52 1.38 0.00	45.42 1.41 0.00	40.97 1.58 0.00	43.44 1.87 0.00	41.38 1.86 0.00	38.82 1.81 0.00	38.87 1.67 0.00	37.92 1.63 0.00	34.97 1.60 0.00	35.55 1.66 0.00	37.81 1.80 0.00	39.93 1.90 0.00	43.09 2.01 0.00	50.46 2.27 0.00	54.15 2.23 0.00	45.48 1.88 0.00	36.92 1.62 0.00	34.98 1.60 0.00
BOWLINE___1 23526	36.23 1.53 0.00	33.53 1.57 0.00	31.73 1.48 0.00	30.07 1.38 0.00	31.41 1.41 0.00	33.89 1.40 0.00	45.12 1.99 0.00	46.13 2.11 0.00	41.44 2.05 0.00	43.94 2.37 0.00	42.02 2.49 0.00	39.23 2.22 0.00	39.39 2.19 0.00	38.58 2.29 0.00	37.46 2.27 -1.82	38.55 2.37 -2.28	38.71 2.70 0.00	40.95 2.93 0.00	43.91 2.83 0.00	51.38 3.18 0.00	55.14 3.22 0.00	46.31 2.70 0.00	37.23 1.94 0.00	35.01 1.63 0.00
BOWLINE___2 23595	36.23 1.53 0.00	33.53 1.57 0.00	31.73 1.48 0.00	30.07 1.38 0.00	31.41 1.41 0.00	33.89 1.40 0.00	45.12 1.99 0.00	46.13 2.11 0.00	41.44 2.05 0.00	43.94 2.37 0.00	42.02 2.49 0.00	39.23 2.22 0.00	39.39 2.19 0.00	38.58 2.29 0.00	37.45 2.27 -1.81	38.54 2.37 -2.28	38.71 2.70 0.00	40.95 2.93 0.00	43.91 2.83 0.00	51.38 3.18 0.00	55.14 3.22 0.00	46.31 2.70 0.00	37.23 1.94 0.00	35.01 1.63 0.00
BRADY___115KV_TB2 356060	34.91 0.21 0.00	32.19 0.22 0.00	30.46 0.21 0.00	28.90 0.20 0.00	30.24 0.24 0.00	32.82 0.32 0.00	43.53 0.39 0.00	44.46 0.44 0.00	39.40 0.00 0.00	41.37 -0.21 0.00	39.21 -0.32 0.00	36.75 -0.26 0.00	36.83 -0.37 0.00	35.82 -0.47 0.00	32.90 -0.47 0.00	33.38 -0.51 0.00	35.43 -0.58 0.00	37.49 -0.53 0.00	40.83 -0.25 0.00	48.25 0.05 0.00	52.13 0.21 0.00	43.74 0.13 0.00	35.44 0.14 0.00	33.44 0.07 0.00
BRANSCOMB___SOLAR 323811	36.09 1.39 0.00	33.44 1.47 0.00	31.61 1.36 0.00	29.99 1.29 0.00	31.32 1.32 0.00	33.92 1.43 0.00	44.91 1.77 0.00	45.82 1.81 0.00	41.09 1.69 0.00	43.36 1.79 0.00	41.15 1.62 0.00	38.45 1.44 0.00	38.50 1.30 0.00	37.42 1.13 0.00	34.54 1.17 0.00	35.18 1.29 0.00	37.37 1.37 0.00	39.55 1.52 0.00	42.84 1.77 0.00	50.51 2.31 0.00	54.31 2.39 0.00	45.62 2.01 0.00	36.88 1.59 0.00	34.84 1.47 0.00
BRDGHMPT_69_KV_BK1 55812	65.44 3.89 -26.85	54.30 3.55 -18.78	50.17 3.30 -16.63	50.14 3.10 -18.34	54.26 3.27 -20.99	60.91 3.44 -24.97	64.60 4.83 -16.63	64.56 4.89 -15.66	67.94 4.57 -23.97	64.55 4.91 -18.07	63.99 4.74 -19.72	60.89 4.29 -19.59	59.60 4.13 -18.27	59.44 4.03 -19.12	49.38 3.74 -12.28	49.22 3.69 -11.63	60.11 3.96 -20.15	63.04 4.22 -20.79	69.85 4.40 -24.38	89.23 5.11 -35.92	109.38 5.30 -52.17	89.45 4.88 -40.96	65.53 3.95 -26.29	59.27 3.50 -22.39

BRENTWOD_69_KV_W. BRTWOOD 56703	42.87 2.88 -5.29	38.41 2.75 -3.70	36.06 2.54 -3.27	34.72 2.41 -3.61	36.68 2.55 -4.13	40.04 2.63 -4.91	50.13 3.71 -3.28	50.89 3.79 -3.09	54.29 3.51 -11.39	53.12 3.91 -7.64	52.88 3.75 -9.60	51.86 3.48 -11.38	51.55 3.39 -10.97	51.59 3.45 -11.85	49.21 3.40 -12.43	47.72 3.49 -10.34	51.61 3.67 -11.93	52.77 4.03 -10.71	54.88 4.03 -9.78	59.76 4.48 -7.07	66.66 4.47 -10.27	58.60 3.97 -11.02	43.74 3.21 -5.23	40.66 2.87 -4.41
BRISTLHL_115KV_TB1 79998	33.94 -0.76 0.00	31.17 -0.80 0.00	29.49 -0.76 0.00	27.98 -0.72 0.00	29.25 -0.75 0.00	31.71 -0.78 0.00	42.28 -0.86 0.00	43.14 -0.88 0.00	38.57 -0.83 0.00	40.66 -0.91 0.00	38.58 -0.95 0.00	36.08 -0.93 0.00	36.34 -0.86 0.00	35.42 -0.87 0.00	32.50 -0.87 0.00	33.01 -0.88 0.00	35.07 -0.94 0.00	37.00 -1.03 0.00	40.01 -1.07 0.00	46.95 -1.25 0.00	50.67 -1.25 0.00	42.56 -1.05 0.00	34.45 -0.85 0.00	32.61 -0.77 0.00
BROOKHAVEN___DRP 24191	64.50 3.12 -26.67	53.56 2.94 -18.66	49.48 2.72 -16.52	49.50 2.58 -18.22	53.58 2.73 -20.85	60.13 2.83 -24.81	63.63 3.97 -16.52	63.58 4.01 -15.56	67.00 3.74 -23.86	63.67 4.12 -17.98	63.11 3.95 -19.64	60.19 3.66 -19.52	58.94 3.53 -18.21	58.94 3.59 -19.06	49.15 3.50 -12.27	49.14 3.63 -11.62	59.86 3.78 -20.07	62.87 4.14 -20.71	69.52 4.19 -24.25	88.55 4.68 -35.68	108.46 4.72 -51.81	88.50 4.19 -40.70	64.79 3.39 -26.11	58.65 3.04 -22.24
BROOKLYN_NAVY_YARD 23515	36.36 1.67 0.01	33.69 1.72 0.00	31.88 1.63 0.00	30.25 1.55 0.00	31.59 1.59 0.00	33.98 1.50 0.01	45.34 2.20 0.00	46.44 2.42 0.00	41.72 2.32 0.00	44.32 2.74 0.00	42.37 2.85 0.00	39.52 2.52 0.00	39.69 2.49 0.00	38.90 2.61 0.00	37.19 2.60 -1.22	38.14 2.71 -1.53	39.10 3.10 0.00	41.41 3.38 0.00	44.28 3.21 0.00	51.77 3.57 0.00	55.61 3.69 0.00	46.58 2.97 0.00	37.45 2.15 0.00	35.10 1.73 0.01
BROOKLYN___ARMY_DRP 323595	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 2.10 0.00
BROOME_2_LFGE 323671	34.81 0.10 0.00	31.77 -0.19 0.00	30.04 -0.21 0.00	28.50 -0.20 0.00	29.82 -0.18 0.00	32.36 -0.13 0.00	43.36 0.22 0.00	44.06 0.04 0.00	39.48 0.08 0.00	41.70 0.13 0.00	39.56 0.04 0.00	36.93 -0.07 0.00	37.09 -0.11 0.00	36.18 -0.11 0.00	33.20 -0.17 0.00	33.79 -0.10 0.00	35.86 -0.14 0.00	37.91 -0.11 0.00	41.04 -0.04 0.00	48.25 0.05 0.00	52.13 0.21 0.00	43.78 0.18 0.00	35.22 -0.07 0.00	33.24 -0.13 0.00
BROOME___LFGE 323600	34.81 0.10 0.00	31.77 -0.19 0.00	30.04 -0.21 0.00	28.50 -0.20 0.00	29.82 -0.18 0.00	32.36 -0.13 0.00	43.36 0.22 0.00	44.06 0.04 0.00	39.48 0.08 0.00	41.70 0.13 0.00	39.56 0.04 0.00	36.93 -0.07 0.00	37.09 -0.11 0.00	36.18 -0.11 0.00	33.20 -0.17 0.00	33.79 -0.10 0.00	35.86 -0.14 0.00	37.91 -0.11 0.00	41.04 -0.04 0.00	48.25 0.05 0.00	52.13 0.21 0.00	43.78 0.18 0.00	35.22 -0.07 0.00	33.24 -0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	34.25 -0.45 0.00	31.58 -0.38 0.00	29.76 -0.48 0.00	28.15 -0.55 0.00	29.55 -0.45 0.00	32.17 -0.32 0.00	42.84 -0.30 0.00	43.75 -0.26 0.00	38.73 -0.67 0.00	40.70 -0.87 0.00	38.58 -0.95 0.00	36.04 -0.96 0.00	36.01 -1.19 0.00	34.88 -1.42 0.00	31.97 -1.40 0.00	32.44 -1.46 0.00	34.46 -1.55 0.00	36.58 -1.44 0.00	39.89 -1.19 0.00	47.28 -0.92 0.00	51.30 -0.62 0.00	43.04 -0.57 0.00	34.91 -0.39 0.00	33.01 -0.37 0.00
BROWNSV1_27_KV_LOAD 356125	36.82 2.12 0.00	34.04 2.08 0.00	32.21 1.97 0.00	30.56 1.87 0.00	31.92 1.92 0.00	34.34 1.85 0.00	45.81 2.67 0.00	46.88 2.86 0.00	42.15 2.76 0.00	44.73 3.16 0.00	42.77 3.24 0.00	39.93 2.92 0.00	40.06 2.86 0.00	39.27 2.98 0.00	37.49 2.90 -1.22	38.37 2.95 -1.53	39.17 3.17 0.00	41.56 3.54 0.00	44.61 3.53 0.00	52.20 4.00 0.00	55.97 4.05 0.00	46.88 3.27 0.00	37.77 2.47 0.00	35.48 2.10 0.00
BURROWS___LYONSDAL 23803	35.09 0.38 0.00	32.32 0.35 0.00	30.40 0.15 0.00	28.70 0.00 0.00	30.18 0.18 0.00	32.88 0.39 0.00	43.92 0.78 0.00	44.81 0.79 0.00	39.79 0.39 0.00	41.86 0.29 0.00	39.64 0.12 0.00	37.01 0.00 0.00	37.16 -0.04 0.00	36.07 -0.22 0.00	33.14 -0.23 0.00	33.59 -0.31 0.00	35.75 -0.25 0.00	37.99 -0.04 0.00	41.37 0.29 0.00	49.02 0.82 0.00	52.96 1.04 0.00	44.44 0.83 0.00	35.93 0.64 0.00	33.88 0.50 0.00
CAITHNESS_CC_1 323624	64.13 2.92 -26.51	53.32 2.81 -18.55	49.26 2.60 -16.42	49.27 2.47 -18.11	53.30 2.58 -20.72	59.85 2.70 -24.66	63.31 3.75 -16.42	63.35 3.87 -15.46	66.75 3.58 -23.77	63.47 3.99 -17.90	62.92 3.83 -19.56	59.98 3.52 -19.45	58.81 3.46 -18.15	58.81 3.52 -19.00	49.14 3.50 -12.27	49.12 3.63 -11.60	59.97 3.96 -20.01	62.87 4.22 -20.63	69.33 4.11 -24.14	88.19 4.53 -35.46	108.04 4.62 -51.50	88.23 4.14 -40.48	64.53 3.28 -25.95	58.38 2.90 -22.11
CALPINE BETH_PAGE_GT4 24209	37.32 2.60 -0.01	34.46 2.49 0.00	32.58 2.33 0.00	30.88 2.18 0.00	32.31 2.31 0.00	34.86 2.37 0.00	46.47 3.32 -0.01	47.42 3.39 -0.01	52.45 3.15 -9.90	51.17 3.53 -6.06	51.49 3.48 -8.48	51.38 3.22 -11.16	51.26 3.12 -10.94	51.49 3.19 -12.00	51.14 3.14 -14.63	48.77 3.22 -11.65	51.25 3.42 -11.82	51.61 3.76 -9.82	52.24 3.78 -7.39	52.45 4.24 -0.01	56.24 4.31 -0.01	51.67 3.66 -4.40	38.28 2.89 -0.09	35.96 2.57 -0.01
CALPINE_BETH_PAGE_GT_4 323586	37.21 2.50 -0.01	34.43 2.46 0.00	32.52 2.27 0.00	30.85 2.15 0.00	32.25 2.25 0.00	34.83 2.34 0.00	46.43 3.28 -0.01	47.42 3.39 -0.01	52.41 3.11 -9.90	51.17 3.53 -6.06	51.49 3.48 -8.48	51.35 3.18 -11.16	51.26 3.13 -10.94	51.49 3.19 -12.00	51.17 3.17 -14.63	48.83 3.29 -11.65	51.50 3.67 -11.82	51.76 3.92 -9.82	52.29 3.82 -7.39	52.45 4.24 -0.01	56.29 4.36 -0.01	51.76 3.75 -4.40	38.28 2.89 -0.09	35.92 2.54 -0.01
CALPINE_BP_GT1 23823	37.21 2.50 -0.01	34.43 2.46 0.00	32.52 2.27 0.00	30.85 2.15 0.00	32.25 2.25 0.00	34.83 2.34 0.00	46.43 3.28 -0.01	47.42 3.39 -0.01	52.41 3.11 -9.90	51.17 3.53 -6.06	51.49 3.48 -8.48	51.35 3.18 -11.16	51.26 3.13 -10.94	51.49 3.19 -12.00	51.17 3.17 -14.63	48.83 3.29 -11.65	51.50 3.67 -11.82	51.76 3.92 -9.82	52.29 3.82 -7.39	52.45 4.24 -0.01	56.29 4.36 -0.01	51.76 3.75 -4.40	38.28 2.89 -0.09	35.92 2.54 -0.01
CALSPAN___DRP 24200	32.86 -1.84 0.00	29.44 -2.53 0.00	27.74 -2.51 0.00	26.40 -2.30 0.00	27.45 -2.55 0.00	29.83 -2.66 0.00	40.72 -2.42 0.00	40.98 -3.04 0.00	36.61 -2.76 0.03	32.20 -2.95 6.42	34.55 -3.12 1.85	33.90 -3.07 0.03	34.19 -3.01 0.00	33.42 -2.87 0.00	30.20 -3.17 0.00	30.61 -3.29 0.00	32.62 -3.38 0.00	34.48 -3.54 0.01	37.56 -3.49 0.03	44.02 -4.15 0.03	48.13 -3.79 0.00	40.64 -2.97 0.00	32.51 -2.79 0.00	30.41 -2.97 0.00

CALVERTON___SOLAR 323806	64.56 3.12 -26.74	53.64 2.97 -18.70	49.56 2.75 -16.56	49.57 2.61 -18.26	53.63 2.73 -20.90	60.25 2.89 -24.87	63.75 4.05 -16.56	63.80 4.18 -15.60	67.12 3.82 -23.90	63.83 4.24 -18.01	63.27 4.07 -19.67	60.25 3.70 -19.55	59.08 3.65 -18.23	59.03 3.66 -19.08	49.25 3.60 -12.27	49.28 3.76 -11.62	60.21 4.10 -20.10	63.13 4.37 -20.74	69.73 4.35 -24.30	88.78 4.82 -35.76	108.80 4.94 -51.94	88.85 4.45 -40.80	65.00 3.53 -26.18	58.77 3.10 -22.29
CANDIGU_WT_PWR 323617	33.94 -0.76 0.00	30.43 -1.53 0.00	28.73 -1.51 0.00	27.29 -1.41 0.00	28.53 -1.47 0.00	31.10 -1.40 0.00	42.23 -0.91 0.00	42.52 -1.50 0.00	37.72 -1.54 0.14	12.10 -1.62 27.85	28.46 -1.66 9.40	35.13 -1.74 0.14	35.41 -1.78 0.00	34.62 -1.67 0.00	31.73 -1.63 0.00	32.44 -1.46 0.00	34.24 -1.76 0.00	36.18 -1.79 0.05	39.34 -1.60 0.14	46.43 -1.64 0.14	50.62 -1.30 0.00	42.56 -1.05 0.00	34.06 -1.24 0.00	31.98 -1.40 0.00
CARR STREET_E_SYR 24060	34.39 -0.31 0.00	31.52 -0.45 0.00	29.82 -0.42 0.00	28.27 -0.43 0.00	29.58 -0.42 0.00	32.10 -0.39 0.00	42.79 -0.35 0.00	43.62 -0.40 0.00	39.00 -0.39 0.00	41.16 -0.42 0.00	39.05 -0.47 0.00	36.56 -0.44 0.00	36.79 -0.41 0.00	35.86 -0.43 0.00	32.87 -0.50 0.00	33.39 -0.51 0.00	35.39 -0.61 0.00	37.38 -0.65 0.00	40.46 -0.62 0.00	47.52 -0.67 0.00	51.24 -0.68 0.00	43.04 -0.57 0.00	34.83 -0.46 0.00	33.01 -0.37 0.00
CARTHAGE___PAPER 23857	34.77 0.07 0.00	32.00 0.03 0.00	30.10 -0.15 0.00	28.38 -0.32 0.00	29.88 -0.12 0.00	32.59 0.10 0.00	43.53 0.39 0.00	44.41 0.40 0.00	39.24 -0.16 0.00	41.12 -0.46 0.00	38.89 -0.63 0.00	36.27 -0.74 0.00	36.34 -0.85 0.00	35.24 -1.05 0.00	32.33 -1.03 0.00	32.78 -1.12 0.00	34.89 -1.12 0.00	37.19 -0.84 0.00	40.67 -0.41 0.00	48.44 0.24 0.00	52.44 0.52 0.00	43.96 0.35 0.00	35.61 0.32 0.00	33.58 0.20 0.00
CASSADAGA_WT_PWR 323784	33.14 -1.56 0.00	29.34 -2.62 0.00	27.77 -2.48 0.00	26.43 -2.27 0.00	27.75 -2.25 0.00	30.28 -2.21 0.00	41.54 -1.60 0.00	41.68 -2.33 0.00	37.28 -2.09 0.03	33.42 -2.20 5.95	35.35 -2.45 1.72	34.46 -2.52 0.03	34.56 -2.64 0.00	33.71 -2.58 0.00	30.73 -2.64 0.00	31.49 -2.41 0.00	33.09 -2.92 0.00	35.09 -2.93 0.01	38.05 -3.00 0.03	44.94 -3.23 0.03	49.01 -2.91 0.00	41.25 -2.36 0.00	33.03 -2.26 0.00	30.77 -2.60 0.00
CE_DUNWOOD___DRP 24194	36.47 1.77 0.00	33.72 1.76 0.00	31.91 1.66 0.00	30.25 1.55 0.00	31.62 1.62 0.00	34.08 1.59 0.00	45.38 2.24 0.00	46.39 2.38 0.00	41.72 2.32 0.00	44.23 2.66 0.00	42.25 2.73 0.00	39.49 2.48 0.00	39.62 2.42 0.00	38.79 2.50 0.00	37.10 2.47 -1.27	38.03 2.54 -1.59	38.71 2.70 0.00	41.03 3.00 0.00	44.12 3.04 0.00	51.62 3.42 0.00	55.30 3.37 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.18 1.80 0.00
CE_MILLWOOD___DRP 24193	36.37 1.67 0.00	33.63 1.66 0.00	31.82 1.57 0.00	30.19 1.49 0.00	31.56 1.56 0.00	33.99 1.49 0.00	45.25 2.11 0.00	46.22 2.20 0.00	41.56 2.17 0.00	44.07 2.49 0.00	42.09 2.57 0.00	39.37 2.37 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.05 2.34 -1.35	37.99 2.41 -1.69	38.56 2.56 0.00	40.91 2.89 0.00	43.95 2.88 0.00	51.48 3.28 0.00	55.14 3.22 0.00	46.31 2.70 0.00	37.31 2.01 0.00	35.11 1.74 0.00
CE_NYC2_DRP 24202	36.65 1.94 0.00	33.99 2.01 -0.01	32.19 1.94 -0.01	30.51 1.81 -0.01	31.90 1.89 -0.01	34.18 1.69 0.00	45.47 2.33 0.00	46.53 2.51 0.00	41.88 2.48 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.67 2.66 0.00	39.77 2.57 0.00	39.01 2.72 0.00	37.26 2.67 -1.22	38.17 2.75 -1.53	38.92 2.92 0.00	41.29 3.27 0.00	44.32 3.25 0.00	51.81 3.61 0.00	55.50 3.58 0.00	46.53 2.92 0.00	37.55 2.26 0.00	35.28 1.90 0.00
CE_NYC_DRP 24195	36.61 1.91 0.00	33.88 1.92 0.00	32.06 1.81 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.18 1.69 0.00	45.60 2.46 0.00	46.61 2.60 0.00	41.92 2.52 0.00	44.53 2.95 0.00	42.53 3.00 0.00	39.74 2.74 0.00	39.88 2.68 0.00	39.05 2.76 0.00	37.29 2.70 -1.22	38.20 2.78 -1.53	38.99 2.99 0.00	41.37 3.35 0.00	44.36 3.29 0.00	51.91 3.71 0.00	55.66 3.74 0.00	46.62 3.01 0.00	37.55 2.26 0.00	35.28 1.90 0.00
CHAFFEE___LFGE 323603	33.07 -1.63 0.00	29.25 -2.72 0.00	27.64 -2.60 0.00	26.29 -2.41 0.00	27.54 -2.46 0.00	30.02 -2.47 0.00	41.03 -2.11 0.00	41.20 -2.82 0.00	36.84 -2.52 0.03	32.90 -2.66 6.01	34.97 -2.85 1.71	34.16 -2.81 0.03	34.34 -2.86 0.00	33.53 -2.76 0.00	30.63 -2.74 0.00	31.39 -2.51 0.00	32.91 -3.10 0.00	34.78 -3.23 0.01	37.68 -3.37 0.03	44.31 -3.86 0.03	48.34 -3.58 0.00	40.82 -2.79 0.00	32.75 -2.54 0.00	30.61 -2.77 0.00
CHATEAUG_35_KV_LOAD 355732	34.39 -0.31 0.00	31.71 -0.26 0.00	30.03 -0.21 0.00	28.55 -0.14 0.00	29.82 -0.18 0.00	32.36 -0.13 0.00	42.88 -0.26 0.00	43.84 -0.18 0.00	39.08 -0.32 0.00	41.16 -0.42 0.00	39.09 -0.43 0.00	36.60 -0.41 0.00	36.79 -0.41 0.00	35.86 -0.44 0.00	33.00 -0.37 0.00	33.52 -0.37 0.00	35.57 -0.43 0.00	37.57 -0.46 0.00	40.71 -0.37 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.30 -0.31 0.00	35.01 -0.28 0.00	33.04 -0.33 0.00
CHATEAUG_WT_PWR 323614	34.42 -0.28 0.00	31.74 -0.22 0.00	30.07 -0.18 0.00	28.55 -0.14 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	42.92 -0.21 0.00	43.88 -0.13 0.00	39.16 -0.23 0.00	41.28 -0.29 0.00	39.25 -0.27 0.00	36.79 -0.22 0.00	36.98 -0.22 0.00	36.04 -0.25 0.00	33.14 -0.23 0.00	33.66 -0.24 0.00	35.72 -0.29 0.00	37.72 -0.31 0.00	40.83 -0.24 0.00	47.96 -0.24 0.00	51.71 -0.21 0.00	43.35 -0.26 0.00	35.08 -0.21 0.00	33.07 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	34.39 -0.31 0.00	31.71 -0.26 0.00	30.03 -0.21 0.00	28.55 -0.14 0.00	29.82 -0.18 0.00	32.36 -0.13 0.00	42.88 -0.26 0.00	43.84 -0.18 0.00	39.08 -0.32 0.00	41.16 -0.42 0.00	39.09 -0.43 0.00	36.60 -0.41 0.00	36.79 -0.41 0.00	35.86 -0.44 0.00	33.00 -0.37 0.00	33.52 -0.37 0.00	35.57 -0.43 0.00	37.57 -0.46 0.00	40.71 -0.37 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.30 -0.31 0.00	35.01 -0.28 0.00	33.04 -0.33 0.00
CHAUTAUQUA___LFGE 323629	33.21 -1.49 0.00	29.41 -2.56 0.00	27.80 -2.45 0.00	26.46 -2.24 0.00	27.72 -2.28 0.00	30.25 -2.24 0.00	41.41 -1.73 0.00	41.51 -2.51 0.00	37.00 -2.36 0.03	32.76 -2.58 6.24	34.92 -2.77 1.83	34.31 -2.66 0.03	34.48 -2.71 0.00	33.68 -2.61 0.00	30.77 -2.60 0.00	31.49 -2.41 0.00	33.09 -2.92 0.00	34.97 -3.04 0.01	37.92 -3.12 0.03	44.65 -3.52 0.03	48.75 -3.17 0.00	41.12 -2.48 0.00	32.93 -2.36 0.00	30.77 -2.60 0.00
CHERRYST_13_KV_LD 356241	36.72 2.01 0.00	33.95 1.98 0.00	32.15 1.91 0.00	30.48 1.78 0.00	31.86 1.86 0.00	34.25 1.75 0.00	45.73 2.59 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.69 3.16 0.00	39.86 2.85 0.00	39.99 2.79 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.10 3.10 0.00	41.48 3.46 0.00	44.49 3.41 0.00	52.06 3.86 0.00	55.81 3.89 0.00	46.75 3.14 0.00	37.66 2.36 0.00	35.38 2.00 0.00

CHESTROR_138KV_BK263 355645	36.16 1.46 0.00	33.40 1.44 0.00	31.61 1.36 0.00	29.96 1.26 0.00	31.32 1.32 0.00	33.79 1.30 0.00	44.95 1.81 0.00	45.87 1.85 0.00	41.21 1.81 0.00	43.65 2.08 0.00	41.70 2.17 0.00	38.97 1.96 0.00	39.10 1.90 0.00	38.25 1.96 0.00	42.59 1.94 -7.29	45.08 2.03 -9.16	38.17 2.16 0.00	40.50 2.47 0.00	43.54 2.46 0.00	51.04 2.84 0.00	54.72 2.80 0.00	45.96 2.35 0.00	37.06 1.76 0.00	34.88 1.50 0.00
CH_MIDHUDSON___DRP 24192	36.30 1.60 0.00	33.53 1.57 0.00	31.76 1.51 0.00	30.10 1.41 0.00	31.47 1.47 0.00	33.95 1.46 0.00	45.12 1.98 0.00	46.04 2.02 0.00	41.41 2.01 0.00	43.86 2.29 0.00	41.86 2.33 0.00	39.15 2.15 0.00	39.24 2.05 0.00	38.43 2.14 0.00	36.20 2.07 -0.76	37.01 2.17 -0.95	38.35 2.34 0.00	40.65 2.62 0.00	43.75 2.67 0.00	51.24 3.04 0.00	54.93 3.01 0.00	46.14 2.53 0.00	37.20 1.91 0.00	35.08 1.70 0.00
CH_MISC_IPPS 23765	36.37 1.67 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.16 1.46 0.00	31.53 1.53 0.00	34.05 1.56 0.00	45.30 2.16 0.00	46.26 2.24 0.00	41.60 2.20 0.00	44.07 2.49 0.00	42.06 2.53 0.00	39.26 2.26 0.00	39.39 2.19 0.00	38.58 2.29 0.00	36.78 2.27 -1.14	37.73 2.41 -1.43	38.71 2.70 0.00	40.99 2.97 0.00	44.04 2.96 0.00	51.52 3.32 0.00	55.29 3.37 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.18 1.80 0.00
CH_RES_BVR_FALLS 23983	34.53 -0.17 0.00	31.84 -0.13 0.00	30.13 -0.12 0.00	28.58 -0.11 0.00	29.88 -0.12 0.00	32.36 -0.13 0.00	42.97 -0.17 0.00	43.88 -0.13 0.00	39.24 -0.16 0.00	41.41 -0.17 0.00	39.37 -0.16 0.00	36.90 -0.11 0.00	37.09 -0.11 0.00	36.15 -0.14 0.00	33.24 -0.13 0.00	33.76 -0.14 0.00	35.86 -0.14 0.00	37.87 -0.15 0.00	40.91 -0.16 0.00	48.01 -0.19 0.00	51.71 -0.21 0.00	43.43 -0.17 0.00	35.12 -0.18 0.00	33.21 -0.17 0.00
CH_RES_NIAGARA 23895	32.19 -2.50 0.02	28.81 -3.13 0.02	27.17 -3.05 0.02	25.86 -2.81 0.02	26.86 -3.12 0.02	29.16 -3.31 0.02	39.75 -3.36 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.37 4.92	33.32 -4.39 1.82	32.85 -4.11 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.65 -3.70 0.02	30.01 -3.86 0.02	32.06 -3.92 0.02	33.74 -4.26 0.03	36.68 -4.35 0.04	42.66 -5.49 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.78 -3.49 0.02	29.72 -3.64 0.02
CH_RES_SYRACUSE 23985	34.63 -0.07 0.00	31.74 -0.22 0.00	30.00 -0.24 0.00	28.47 -0.23 0.00	29.76 -0.24 0.00	32.33 -0.16 0.00	43.10 -0.04 0.00	43.93 -0.09 0.00	39.28 -0.12 0.00	41.41 -0.17 0.00	39.29 -0.24 0.00	36.79 -0.22 0.00	37.01 -0.19 0.00	36.07 -0.22 0.00	33.04 -0.33 0.00	33.59 -0.31 0.00	35.61 -0.40 0.00	37.61 -0.42 0.00	40.71 -0.37 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.35 -0.26 0.00	35.08 -0.21 0.00	33.24 -0.13 0.00
CLINTON_WT_PWR 323605	34.42 -0.28 0.00	31.74 -0.22 0.00	30.07 -0.18 0.00	28.55 -0.14 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	42.92 -0.21 0.00	43.88 -0.13 0.00	39.16 -0.23 0.00	41.28 -0.29 0.00	39.25 -0.27 0.00	36.79 -0.22 0.00	36.98 -0.22 0.00	36.04 -0.25 0.00	33.14 -0.23 0.00	33.66 -0.24 0.00	35.72 -0.29 0.00	37.72 -0.31 0.00	40.83 -0.24 0.00	47.96 -0.24 0.00	51.71 -0.21 0.00	43.35 -0.26 0.00	35.08 -0.21 0.00	33.07 -0.30 0.00
CLINTON___LFGE 323618	34.88 0.17 0.00	32.16 0.19 0.00	30.43 0.18 0.00	28.93 0.23 0.00	30.21 0.21 0.00	32.82 0.32 0.00	43.53 0.39 0.00	44.55 0.53 0.00	39.67 0.28 0.00	41.78 0.21 0.00	39.68 0.16 0.00	37.19 0.19 0.00	37.39 0.19 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.08 0.07 0.00	38.10 0.08 0.00	41.33 0.25 0.00	48.58 0.38 0.00	52.44 0.52 0.00	43.96 0.35 0.00	35.51 0.21 0.00	33.44 0.07 0.00
COBBLENY_34_KV_TB1 80064	32.97 -1.74 0.00	29.57 -2.40 0.00	27.86 -2.39 0.00	26.52 -2.18 0.00	27.60 -2.40 0.00	29.96 -2.53 0.00	40.90 -2.24 0.00	41.20 -2.82 0.00	36.85 -2.52 0.03	32.90 -2.66 6.01	34.97 -2.85 1.71	34.13 -2.85 0.03	34.33 -2.86 0.00	33.53 -2.76 0.00	30.33 -3.04 0.00	30.74 -3.15 0.00	32.77 -3.24 0.00	34.67 -3.35 0.01	37.76 -3.29 0.03	44.31 -3.86 0.03	48.39 -3.53 0.00	40.82 -2.79 0.00	32.68 -2.61 0.00	30.54 -2.84 0.00
COFFEEN___115KV_TB3 355620	35.02 0.31 0.00	32.25 0.29 0.00	30.34 0.09 0.00	28.58 -0.11 0.00	30.12 0.12 0.00	32.78 0.29 0.00	43.87 0.73 0.00	44.72 0.70 0.00	39.44 0.04 0.00	41.28 -0.29 0.00	39.01 -0.51 0.00	36.34 -0.67 0.00	36.49 -0.71 0.00	35.35 -0.94 0.00	32.43 -0.93 0.00	32.88 -1.02 0.00	35.03 -0.97 0.00	37.38 -0.65 0.00	40.91 -0.16 0.00	48.87 0.67 0.00	52.91 0.99 0.00	44.39 0.78 0.00	35.86 0.56 0.00	33.78 0.40 0.00
COLDSPRG_115KV_BK1 355956	33.59 -1.11 0.00	30.14 -1.82 0.00	28.43 -1.81 0.00	27.06 -1.64 0.00	28.23 -1.77 0.00	30.71 -1.79 0.00	42.06 -1.08 0.00	42.30 -1.72 0.00	38.11 -1.26 0.03	34.97 -1.12 5.48	36.59 -1.38 1.55	35.28 -1.70 0.03	35.04 -2.16 0.00	34.19 -2.10 0.00	30.97 -2.40 0.00	31.42 -2.47 0.00	33.45 -2.56 0.00	35.50 -2.51 0.01	38.75 -2.30 0.03	45.86 -2.31 0.03	49.84 -2.08 0.00	41.95 -1.66 0.00	33.46 -1.84 0.00	31.27 -2.10 0.00
COLONIE_LFGE___ 323577	35.64 0.94 0.00	33.05 1.09 0.00	31.30 1.06 0.00	29.70 1.00 0.00	31.02 1.02 0.00	33.53 1.04 0.00	44.22 1.08 0.00	45.12 1.10 0.00	40.62 1.22 0.00	42.94 1.37 0.00	40.83 1.30 0.00	38.23 1.22 0.00	38.31 1.11 0.00	37.38 1.09 0.00	34.47 1.10 0.00	35.08 1.19 0.00	37.30 1.29 0.00	39.39 1.37 0.00	42.60 1.52 0.00	49.93 1.73 0.00	53.63 1.71 0.00	45.09 1.48 0.00	36.50 1.20 0.00	34.48 1.10 0.00
COOPERNY_115KV_TB1 80082	35.99 1.28 0.00	33.24 1.28 0.00	31.46 1.21 0.00	29.82 1.12 0.00	31.17 1.17 0.00	33.63 1.14 0.00	44.74 1.60 0.00	45.65 1.63 0.00	41.01 1.62 0.00	43.40 1.83 0.00	41.42 1.90 0.00	38.75 1.74 0.00	38.87 1.67 0.00	38.03 1.74 0.00	34.02 1.70 1.05	34.34 1.76 1.32	37.91 1.91 0.00	40.19 2.17 0.00	43.26 2.18 0.00	50.71 2.51 0.00	54.41 2.49 0.00	45.70 2.09 0.00	36.85 1.55 0.00	34.71 1.34 0.00
COPENHAGEN_WT_PWR 323753	34.88 0.17 0.00	32.06 0.10 0.00	30.19 -0.06 0.00	28.47 -0.23 0.00	29.97 -0.03 0.00	32.62 0.13 0.00	43.61 0.48 0.00	44.46 0.44 0.00	39.28 -0.12 0.00	41.16 -0.42 0.00	38.93 -0.59 0.00	36.30 -0.70 0.00	36.46 -0.74 0.00	35.31 -0.98 0.00	32.40 -0.97 0.00	32.84 -1.05 0.00	34.93 -1.08 0.00	37.22 -0.80 0.00	40.71 -0.37 0.00	48.49 0.29 0.00	52.49 0.57 0.00	44.04 0.44 0.00	35.61 0.32 0.00	33.61 0.24 0.00
CORNELL_____ 23752	35.26 0.56 0.00	32.28 0.32 0.00	30.52 0.27 0.00	28.93 0.23 0.00	30.27 0.27 0.00	32.88 0.39 0.00	44.09 0.95 0.00	44.85 0.84 0.00	40.08 0.67 -0.01	44.16 0.58 -2.00	40.56 0.36 -0.68	37.20 0.19 -0.01	37.35 0.15 0.00	36.40 0.11 0.00	33.34 -0.03 0.00	33.86 -0.03 0.00	36.04 0.04 0.00	38.22 0.19 0.00	41.62 0.53 -0.01	49.03 0.82 -0.01	52.96 1.04 0.00	44.44 0.83 0.00	35.79 0.49 0.00	33.74 0.37 0.00

CORONA_69_KV_TB1 355595	37.19 2.46 -0.02	34.33 2.37 0.00	32.45 2.21 0.00	30.79 2.09 0.00	32.19 2.19 0.00	34.73 2.24 0.00	46.26 3.11 -0.02	47.20 3.17 -0.02	59.04 2.88 -16.77	55.09 3.24 -10.27	57.14 3.24 -14.37	58.91 3.00 -18.90	58.63 2.90 -18.53	59.61 2.98 -20.34	60.25 2.94 -23.95	55.59 3.02 -18.68	59.24 3.20 -20.02	58.20 3.54 -16.64	57.13 3.53 -12.52	52.27 4.05 -0.02	56.09 4.15 -0.02	54.46 3.40 -7.45	38.12 2.68 -0.15	35.83 2.44 -0.02
CORTLAND_115KV_TB3 80093	34.98 0.28 0.00	32.09 0.13 0.00	30.34 0.09 0.00	28.75 0.06 0.00	30.09 0.09 0.00	32.65 0.16 0.00	43.66 0.52 0.00	44.46 0.44 0.00	39.75 0.35 0.00	41.91 0.33 0.00	39.72 0.20 0.00	37.08 0.07 0.00	37.24 0.04 0.00	36.33 0.04 0.00	33.30 -0.07 0.00	33.83 -0.07 0.00	35.97 -0.04 0.00	38.06 0.04 0.00	41.33 0.25 0.00	48.63 0.43 0.00	52.49 0.57 0.00	44.04 0.44 0.00	35.51 0.21 0.00	33.54 0.17 0.00
COXSACKIE___GT 23611	36.27 1.56 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.13 1.43 0.00	31.53 1.53 0.00	34.05 1.56 0.00	45.12 1.99 0.00	45.95 1.93 0.00	41.09 1.69 0.00	43.11 1.54 0.00	40.75 1.23 0.00	38.04 1.03 0.00	38.13 0.93 0.00	37.23 0.94 0.00	34.58 0.93 -0.28	35.39 1.15 -0.35	37.48 1.48 0.00	39.89 1.86 0.00	43.38 2.30 0.00	51.04 2.84 0.00	54.83 2.91 0.00	46.09 2.48 0.00	37.27 1.98 0.00	35.08 1.70 0.00
CPV_VALLEY___CC1 323721	35.85 1.14 0.00	33.15 1.18 0.00	31.37 1.12 0.00	29.76 1.06 0.00	31.08 1.08 0.00	33.53 1.04 0.00	44.61 1.47 0.00	45.56 1.54 0.00	40.97 1.58 0.00	43.36 1.79 0.00	41.42 1.90 0.00	38.71 1.70 0.00	38.87 1.68 0.00	38.03 1.74 0.00	33.96 1.77 1.18	34.28 1.86 1.48	38.13 2.12 0.00	40.34 2.32 0.00	43.30 2.22 0.00	50.66 2.46 0.00	54.41 2.49 0.00	45.70 2.09 0.00	36.81 1.52 0.00	34.64 1.27 0.00
CPV_VALLEY___CC2 323722	35.85 1.14 0.00	33.15 1.18 0.00	31.37 1.12 0.00	29.76 1.06 0.00	31.08 1.08 0.00	33.53 1.04 0.00	44.61 1.47 0.00	45.56 1.54 0.00	40.97 1.58 0.00	43.36 1.79 0.00	41.42 1.90 0.00	38.71 1.70 0.00	38.87 1.68 0.00	38.03 1.74 0.00	33.96 1.77 1.18	34.28 1.86 1.48	38.13 2.12 0.00	40.34 2.32 0.00	43.30 2.22 0.00	50.66 2.46 0.00	54.41 2.49 0.00	45.70 2.09 0.00	36.81 1.52 0.00	34.64 1.27 0.00
CRESCENT___HYD 24018	35.64 0.94 0.00	33.05 1.09 0.00	31.30 1.06 0.00	29.70 1.00 0.00	31.02 1.02 0.00	33.53 1.04 0.00	44.22 1.08 0.00	45.12 1.10 0.00	40.62 1.22 0.00	42.94 1.37 0.00	40.83 1.30 0.00	38.23 1.22 0.00	38.31 1.11 0.00	37.38 1.09 0.00	34.47 1.10 0.00	35.08 1.19 0.00	37.30 1.29 0.00	39.39 1.37 0.00	42.60 1.52 0.00	49.93 1.73 0.00	53.63 1.71 0.00	45.09 1.48 0.00	36.50 1.20 0.00	34.48 1.10 0.00
CRICKET___VALLEY_CC1 323756	35.85 1.14 0.00	33.28 1.31 0.00	31.49 1.24 0.00	29.87 1.18 0.00	31.20 1.20 0.00	33.63 1.14 0.00	44.61 1.47 0.00	45.60 1.58 0.00	41.01 1.62 0.00	43.53 1.95 0.00	41.58 2.05 0.00	38.86 1.85 0.00	38.98 1.79 0.00	38.14 1.85 0.00	35.71 1.90 -0.44	36.45 2.00 -0.56	38.28 2.27 0.00	40.49 2.47 0.00	43.46 2.38 0.00	50.80 2.60 0.00	54.46 2.54 0.00	45.79 2.18 0.00	36.88 1.59 0.00	34.81 1.43 0.00
CRICKET___VALLEY_CC2 323757	35.85 1.14 0.00	33.28 1.31 0.00	31.49 1.24 0.00	29.87 1.18 0.00	31.20 1.20 0.00	33.63 1.14 0.00	44.61 1.47 0.00	45.60 1.58 0.00	41.01 1.62 0.00	43.53 1.95 0.00	41.58 2.05 0.00	38.86 1.85 0.00	38.98 1.79 0.00	38.14 1.85 0.00	35.71 1.90 -0.44	36.45 2.00 -0.56	38.28 2.27 0.00	40.49 2.47 0.00	43.46 2.38 0.00	50.80 2.60 0.00	54.46 2.54 0.00	45.79 2.18 0.00	36.88 1.59 0.00	34.81 1.43 0.00
CRICKET___VALLEY_CC3 323758	35.85 1.14 0.00	33.28 1.31 0.00	31.49 1.24 0.00	29.87 1.18 0.00	31.20 1.20 0.00	33.63 1.14 0.00	44.61 1.47 0.00	45.60 1.58 0.00	41.01 1.62 0.00	43.53 1.95 0.00	41.58 2.05 0.00	38.86 1.85 0.00	38.98 1.79 0.00	38.14 1.85 0.00	35.71 1.90 -0.44	36.45 2.00 -0.56	38.28 2.27 0.00	40.49 2.47 0.00	43.46 2.38 0.00	50.80 2.60 0.00	54.46 2.54 0.00	45.79 2.18 0.00	36.88 1.59 0.00	34.81 1.43 0.00
CRUCIBLE_METL_DRP 24180	34.53 -0.17 0.00	31.71 -0.26 0.00	29.97 -0.27 0.00	28.44 -0.26 0.00	29.73 -0.27 0.00	32.27 -0.23 0.00	43.05 -0.09 0.00	43.93 -0.09 0.00	39.28 -0.12 0.00	41.41 -0.17 0.00	39.29 -0.24 0.00	36.75 -0.26 0.00	37.01 -0.19 0.00	36.07 -0.22 0.00	33.07 -0.30 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.64 -0.38 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.39 -0.22 0.00	35.08 -0.21 0.00	33.18 -0.20 0.00
DAHOWA___HYDRO 323763	36.20 1.49 0.00	33.53 1.57 0.00	31.73 1.48 0.00	30.10 1.41 0.00	31.44 1.44 0.00	34.05 1.56 0.00	45.12 1.99 0.00	46.00 1.98 0.00	41.29 1.89 0.00	43.53 1.95 0.00	41.26 1.74 0.00	38.56 1.55 0.00	38.58 1.38 0.00	37.49 1.20 0.00	34.60 1.24 0.00	35.25 1.36 0.00	37.45 1.44 0.00	39.62 1.60 0.00	43.01 1.93 0.00	50.70 2.50 0.00	54.57 2.65 0.00	45.79 2.18 0.00	37.02 1.73 0.00	34.94 1.57 0.00
DANC___LFGE 323619	34.60 -0.10 0.00	31.77 -0.19 0.00	29.97 -0.27 0.00	28.32 -0.37 0.00	29.73 -0.27 0.00	32.30 -0.19 0.00	43.10 -0.04 0.00	43.93 -0.09 0.00	38.96 -0.43 0.00	40.95 -0.62 0.00	38.81 -0.71 0.00	36.23 -0.78 0.00	36.42 -0.78 0.00	35.35 -0.94 0.00	32.43 -0.93 0.00	32.88 -1.02 0.00	34.89 -1.12 0.00	37.08 -0.95 0.00	40.38 -0.70 0.00	47.86 -0.34 0.00	51.77 -0.16 0.00	43.43 -0.17 0.00	35.15 -0.14 0.00	33.28 -0.10 0.00
DANSKAMMER___1 23586	36.37 1.67 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.16 1.46 0.00	31.53 1.53 0.00	34.05 1.56 0.00	45.30 2.16 0.00	46.26 2.24 0.00	41.60 2.20 0.00	44.07 2.49 0.00	42.06 2.53 0.00	39.26 2.26 0.00	39.39 2.19 0.00	38.58 2.29 0.00	36.78 2.27 -1.14	37.73 2.41 -1.43	38.71 2.70 0.00	40.99 2.97 0.00	44.04 2.96 0.00	51.52 3.32 0.00	55.29 3.37 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.18 1.80 0.00
DANSKAMMER___2 23589	36.37 1.67 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.16 1.46 0.00	31.53 1.53 0.00	34.05 1.56 0.00	45.30 2.16 0.00	46.26 2.24 0.00	41.60 2.20 0.00	44.07 2.49 0.00	42.06 2.53 0.00	39.26 2.26 0.00	39.39 2.19 0.00	38.58 2.29 0.00	36.78 2.27 -1.14	37.73 2.41 -1.43	38.71 2.70 0.00	40.99 2.97 0.00	44.04 2.96 0.00	51.52 3.32 0.00	55.29 3.37 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.18 1.80 0.00
DANSKAMMER___3 23590	36.37 1.67 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.16 1.46 0.00	31.53 1.53 0.00	34.05 1.56 0.00	45.30 2.16 0.00	46.26 2.24 0.00	41.60 2.20 0.00	44.07 2.49 0.00	42.06 2.53 0.00	39.26 2.26 0.00	39.39 2.19 0.00	38.58 2.29 0.00	36.78 2.27 -1.14	37.73 2.41 -1.43	38.71 2.70 0.00	40.99 2.97 0.00	44.04 2.96 0.00	51.52 3.32 0.00	55.29 3.37 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.18 1.80 0.00

DANSKAMMER___4 23591	36.37 1.67 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.16 1.46 0.00	31.53 1.53 0.00	34.05 1.56 0.00	45.30 2.16 0.00	46.26 2.24 0.00	41.60 2.20 0.00	44.07 2.49 0.00	42.06 2.53 0.00	39.26 2.26 0.00	39.39 2.19 0.00	38.58 2.29 0.00	36.78 2.27 -1.14	37.73 2.41 -1.43	38.71 2.70 0.00	40.99 2.97 0.00	44.04 2.96 0.00	51.52 3.32 0.00	55.29 3.37 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.18 1.80 0.00
DANSKAMMER___DIESEL 23592	36.47 1.77 0.00	33.69 1.73 0.00	31.88 1.63 0.00	30.22 1.52 0.00	31.59 1.59 0.00	34.08 1.59 0.00	45.34 2.20 0.00	46.26 2.24 0.00	41.60 2.21 0.00	44.07 2.49 0.00	42.05 2.53 0.00	39.30 2.29 0.00	39.39 2.19 0.00	38.58 2.29 0.00	36.75 2.24 -1.14	37.67 2.34 -1.43	38.49 2.48 0.00	40.88 2.85 0.00	43.95 2.88 0.00	51.53 3.33 0.00	55.24 3.32 0.00	46.40 2.79 0.00	37.38 2.08 0.00	35.21 1.84 0.00
DARBY___SOLAR 323810	36.09 1.39 0.00	33.44 1.47 0.00	31.64 1.39 0.00	30.02 1.32 0.00	31.35 1.35 0.00	33.96 1.46 0.00	44.95 1.81 0.00	45.82 1.81 0.00	41.13 1.73 0.00	43.40 1.83 0.00	41.15 1.62 0.00	38.49 1.48 0.00	38.50 1.30 0.00	37.45 1.16 0.00	34.57 1.20 0.00	35.18 1.29 0.00	37.41 1.40 0.00	39.58 1.56 0.00	42.93 1.85 0.00	50.56 2.36 0.00	54.36 2.44 0.00	45.66 2.05 0.00	36.92 1.62 0.00	34.84 1.47 0.00
DASHVILLE___HYD 23610	36.20 1.49 0.00	33.43 1.47 0.00	31.64 1.39 0.00	29.99 1.29 0.00	31.35 1.35 0.00	33.82 1.33 0.00	44.95 1.81 0.00	45.87 1.85 0.00	41.21 1.81 0.00	43.61 2.04 0.00	41.62 2.09 0.00	38.89 1.89 0.00	38.98 1.79 0.00	38.18 1.89 0.00	35.87 1.87 -0.64	36.62 1.93 -0.80	38.13 2.12 0.00	40.46 2.43 0.00	43.58 2.51 0.00	51.09 2.89 0.00	54.78 2.86 0.00	46.01 2.40 0.00	37.09 1.80 0.00	34.94 1.57 0.00
DELAWARE___LFGE 323621	35.61 0.90 0.00	32.80 0.83 0.00	31.00 0.76 0.00	29.39 0.69 0.00	30.75 0.75 0.00	33.27 0.78 0.00	44.30 1.16 0.00	45.20 1.19 0.00	40.50 1.10 0.00	42.74 1.16 0.00	40.67 1.15 0.00	38.01 1.00 0.00	38.17 0.97 0.00	37.23 0.94 0.00	33.96 0.87 0.28	34.42 0.88 0.35	36.98 0.97 0.00	39.16 1.14 0.00	42.35 1.27 0.00	49.79 1.59 0.00	53.58 1.66 0.00	45.00 1.40 0.00	36.28 0.99 0.00	34.24 0.87 0.00
DERFIELD_115KV_TB7 355931	34.81 0.10 0.00	32.06 0.10 0.00	30.34 0.09 0.00	28.78 0.09 0.00	30.09 0.09 0.00	32.59 0.10 0.00	43.23 0.09 0.00	44.10 0.09 0.00	39.51 0.12 0.00	41.70 0.12 0.00	39.64 0.12 0.00	37.12 0.11 0.00	37.31 0.11 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.11 0.11 0.00	38.18 0.15 0.00	41.24 0.16 0.00	48.39 0.19 0.00	52.08 0.16 0.00	43.74 0.13 0.00	35.40 0.11 0.00	33.51 0.13 0.00
DOGLEVILLE___HYD 23807	35.81 1.11 0.00	33.02 1.05 0.00	31.24 1.00 0.00	29.67 0.98 0.00	31.17 1.17 0.00	33.86 1.36 0.00	44.91 1.77 0.00	45.82 1.80 0.00	40.93 1.54 0.00	43.19 1.62 0.00	41.07 1.54 0.00	38.41 1.41 0.00	38.69 1.49 0.00	37.67 1.38 0.00	34.60 1.23 0.00	35.11 1.22 0.00	37.30 1.30 0.00	39.36 1.33 0.00	42.56 1.48 0.00	50.03 1.83 0.00	53.79 1.87 0.00	45.22 1.61 0.00	36.85 1.55 0.00	34.88 1.50 0.00
DUNKIRK___115KV_TB_200 55889	33.18 -1.53 0.00	29.76 -2.21 0.00	28.04 -2.21 0.00	26.72 -1.98 0.00	27.78 -2.22 0.00	30.22 -2.27 0.00	41.33 -1.81 0.00	41.55 -2.46 0.00	37.04 -2.32 0.03	32.73 -2.58 6.27	34.95 -2.73 1.84	34.27 -2.70 0.03	34.52 -2.68 0.00	33.71 -2.58 0.00	30.53 -2.84 0.00	30.94 -2.95 0.00	32.98 -3.02 0.00	34.89 -3.12 0.01	38.05 -3.00 0.03	44.70 -3.47 0.03	48.86 -3.06 0.00	41.17 -2.44 0.00	32.89 -2.40 0.00	30.74 -2.64 0.00
DUNKIRK___1 23563	33.18 -1.53 0.00	29.76 -2.21 0.00	28.04 -2.21 0.00	26.72 -1.98 0.00	27.78 -2.22 0.00	30.22 -2.27 0.00	41.33 -1.81 0.00	41.55 -2.46 0.00	37.04 -2.32 0.03	32.73 -2.58 6.27	34.95 -2.73 1.84	34.27 -2.70 0.03	34.52 -2.68 0.00	33.71 -2.58 0.00	30.53 -2.84 0.00	30.94 -2.95 0.00	32.98 -3.02 0.00	34.89 -3.12 0.01	38.05 -3.00 0.03	44.70 -3.47 0.03	48.86 -3.06 0.00	41.17 -2.44 0.00	32.89 -2.40 0.00	30.74 -2.64 0.00
DUNKIRK___2 23564	33.18 -1.53 0.00	29.76 -2.21 0.00	28.04 -2.21 0.00	26.72 -1.98 0.00	27.78 -2.22 0.00	30.22 -2.27 0.00	41.33 -1.81 0.00	41.55 -2.46 0.00	37.04 -2.32 0.03	32.73 -2.58 6.27	34.95 -2.73 1.84	34.27 -2.70 0.03	34.52 -2.68 0.00	33.71 -2.58 0.00	30.53 -2.84 0.00	30.94 -2.95 0.00	32.98 -3.02 0.00	34.89 -3.12 0.01	38.05 -3.00 0.03	44.70 -3.47 0.03	48.86 -3.06 0.00	41.17 -2.44 0.00	32.89 -2.40 0.00	30.74 -2.64 0.00
DUNKIRK___3 23565	33.11 -1.60 0.00	29.70 -2.27 0.00	27.98 -2.27 0.00	26.66 -2.04 0.00	27.72 -2.28 0.00	30.12 -2.37 0.00	41.15 -1.98 0.00	41.42 -2.60 0.00	36.96 -2.40 0.03	32.60 -2.58 6.40	34.85 -2.77 1.91	34.24 -2.74 0.03	34.48 -2.72 0.00	33.68 -2.61 0.00	30.47 -2.90 0.00	30.91 -2.98 0.00	32.91 -3.10 0.00	34.82 -3.19 0.01	37.97 -3.08 0.03	44.55 -3.61 0.03	48.70 -3.22 0.00	41.08 -2.53 0.00	32.79 -2.51 0.00	30.67 -2.70 0.00
DUNKIRK___4 23566	33.11 -1.60 0.00	29.70 -2.27 0.00	27.98 -2.27 0.00	26.66 -2.04 0.00	27.72 -2.28 0.00	30.12 -2.37 0.00	41.15 -1.98 0.00	41.42 -2.60 0.00	36.96 -2.40 0.03	32.60 -2.58 6.40	34.85 -2.77 1.91	34.24 -2.74 0.03	34.48 -2.72 0.00	33.68 -2.61 0.00	30.47 -2.90 0.00	30.91 -2.98 0.00	32.91 -3.10 0.00	34.82 -3.19 0.01	37.97 -3.08 0.03	44.55 -3.61 0.03	48.70 -3.22 0.00	41.08 -2.53 0.00	32.79 -2.51 0.00	30.67 -2.70 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.51 1.80 0.00	33.75 1.79 0.00	31.94 1.69 0.00	30.30 1.61 0.00	31.65 1.65 0.00	34.12 1.62 0.00	45.47 2.33 0.00	46.48 2.46 0.00	41.80 2.40 0.00	44.32 2.74 0.00	42.37 2.85 0.00	39.60 2.59 0.00	39.69 2.49 0.00	38.90 2.61 0.00	37.12 2.54 -1.22	38.03 2.61 -1.53	38.81 2.81 0.00	41.14 3.12 0.00	44.20 3.12 0.00	51.77 3.57 0.00	55.45 3.53 0.00	46.53 2.92 0.00	37.48 2.19 0.00	35.24 1.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.33 1.63 0.00	33.56 1.60 0.00	31.76 1.51 0.00	30.10 1.41 0.00	31.47 1.47 0.00	33.95 1.46 0.00	45.21 2.07 0.00	46.13 2.11 0.00	41.45 2.05 0.00	43.90 2.33 0.00	41.90 2.37 0.00	39.15 2.15 0.00	39.28 2.08 0.00	38.43 2.14 0.00	37.36 2.14 -1.85	38.42 2.20 -2.33	38.35 2.34 0.00	40.69 2.66 0.00	43.79 2.71 0.00	51.33 3.13 0.00	54.98 3.06 0.00	46.18 2.57 0.00	37.24 1.94 0.00	35.04 1.67 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.68 1.98 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.12 1.62 0.00	45.25 2.11 0.00	46.31 2.29 0.00	41.68 2.28 0.00	44.23 2.66 0.00	42.29 2.77 0.00	39.49 2.48 0.00	39.62 2.42 0.00	38.83 2.54 0.00	37.12 2.54 -1.22	38.03 2.61 -1.53	38.78 2.77 0.00	41.14 3.12 0.00	44.12 3.04 0.00	51.62 3.42 0.00	55.24 3.32 0.00	46.36 2.75 0.00	37.45 2.15 0.00	35.21 1.84 0.00

E179THST_13_KV_LOAD 356214	36.79 2.08 0.00	34.21 2.24 -0.01	32.40 2.15 -0.01	30.71 2.01 -0.01	32.11 2.10 -0.01	34.25 1.75 0.00	45.43 2.29 0.00	46.48 2.46 0.00	41.88 2.48 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.77 2.57 0.00	39.01 2.72 0.00	37.26 2.67 -1.22	38.17 2.75 -1.53	38.92 2.92 0.00	41.33 3.31 0.00	44.32 3.25 0.00	51.81 3.61 0.00	55.45 3.53 0.00	46.53 2.92 0.00	37.59 2.29 0.00	35.34 1.97 0.00
EAST HAMPTON___GT 23717	65.44 3.89 -26.85	54.33 3.58 -18.79	50.17 3.30 -16.63	50.14 3.10 -18.34	54.26 3.27 -20.99	60.91 3.44 -24.98	64.65 4.87 -16.63	64.65 4.97 -15.66	68.02 4.65 -23.98	64.63 4.99 -18.07	64.07 4.82 -19.73	60.89 4.29 -19.59	59.57 4.09 -18.27	59.33 3.92 -19.12	49.25 3.60 -12.28	49.05 3.52 -11.63	60.11 3.96 -20.15	62.89 4.07 -20.79	69.61 4.15 -24.38	88.89 4.77 -35.92	109.23 5.14 -52.17	89.45 4.88 -40.96	65.54 3.95 -26.29	59.21 3.44 -22.39
EAST RIVER___6 23660	36.54 1.84 0.00	33.85 1.89 0.00	32.03 1.78 0.00	30.39 1.69 0.00	31.71 1.71 0.00	34.15 1.66 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.00 2.60 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.99 2.79 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.37 2.95 -1.53	39.39 3.38 0.00	41.67 3.65 0.00	44.53 3.45 0.00	52.01 3.81 0.00	55.86 3.94 0.00	46.79 3.18 0.00	37.62 2.33 0.00	35.28 1.90 0.00
EAST RIVER___7 23524	36.54 1.84 0.00	33.85 1.89 0.00	32.03 1.78 0.00	30.39 1.69 0.00	31.71 1.71 0.00	34.15 1.66 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.00 2.60 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.99 2.79 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.37 2.95 -1.53	39.39 3.38 0.00	41.67 3.65 0.00	44.53 3.45 0.00	52.01 3.81 0.00	55.86 3.94 0.00	46.79 3.18 0.00	37.62 2.33 0.00	35.28 1.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.47 1.77 0.00	33.72 1.76 0.00	31.91 1.66 0.00	30.25 1.55 0.00	31.62 1.62 0.00	34.08 1.59 0.00	45.38 2.24 0.00	46.39 2.38 0.00	41.72 2.32 0.00	44.23 2.66 0.00	42.25 2.73 0.00	39.49 2.48 0.00	39.62 2.42 0.00	38.79 2.50 0.00	37.10 2.47 -1.27	38.03 2.54 -1.59	38.71 2.70 0.00	41.03 3.00 0.00	44.12 3.04 0.00	51.62 3.42 0.00	55.30 3.37 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.18 1.80 0.00
EAST_HAMPTON___DIESEL 23722	65.44 3.89 -26.85	54.33 3.58 -18.79	50.17 3.30 -16.63	50.14 3.10 -18.34	54.23 3.24 -20.99	60.91 3.44 -24.98	64.60 4.83 -16.63	64.61 4.93 -15.66	68.02 4.65 -23.98	64.63 4.99 -18.07	64.03 4.78 -19.73	60.89 4.29 -19.59	59.57 4.09 -18.27	59.30 3.88 -19.12	49.22 3.57 -12.28	49.02 3.49 -11.63	60.08 3.93 -20.15	62.81 3.99 -20.79	69.53 4.07 -24.38	88.85 4.73 -35.92	109.18 5.09 -52.17	89.41 4.84 -40.96	65.54 3.95 -26.29	59.21 3.44 -22.39
EAST_POINT___SOLAR 323840	36.40 1.70 0.00	33.59 1.63 0.00	31.73 1.48 0.00	30.10 1.41 0.00	31.50 1.50 0.00	34.25 1.75 0.00	45.64 2.50 0.00	46.09 2.07 0.00	40.89 1.50 0.00	42.53 0.96 0.00	39.96 0.44 0.00	37.52 0.52 0.00	37.72 0.52 0.00	36.58 0.29 0.00	33.54 0.17 0.00	33.99 0.10 0.00	36.11 0.11 0.00	38.86 0.84 0.00	42.88 1.81 0.00	51.04 2.84 0.00	55.14 3.22 0.00	46.18 2.57 0.00	37.16 1.87 0.00	35.04 1.67 0.00
EAST_PULASKI___ESR 323781	34.39 -0.31 0.00	31.55 -0.42 0.00	29.82 -0.42 0.00	28.24 -0.46 0.00	29.55 -0.45 0.00	32.07 -0.42 0.00	42.71 -0.43 0.00	43.53 -0.48 0.00	38.81 -0.59 0.00	40.87 -0.71 0.00	38.77 -0.75 0.00	36.27 -0.74 0.00	36.46 -0.74 0.00	35.49 -0.80 0.00	32.54 -0.83 0.00	32.98 -0.91 0.00	35.00 -1.01 0.00	37.04 -0.99 0.00	40.21 -0.86 0.00	47.43 -0.77 0.00	51.19 -0.73 0.00	42.96 -0.65 0.00	34.83 -0.46 0.00	33.04 -0.33 0.00
EAST_RIVER___1 323558	36.51 1.80 0.00	33.82 1.85 0.00	32.00 1.75 0.00	30.36 1.66 0.00	31.71 1.71 0.00	34.12 1.62 0.00	45.51 2.37 0.00	46.61 2.60 0.00	41.88 2.48 0.00	44.53 2.95 0.00	42.53 3.00 0.00	39.71 2.70 0.00	39.88 2.68 0.00	39.05 2.76 0.00	37.32 2.74 -1.22	38.27 2.85 -1.53	39.28 3.28 0.00	41.52 3.50 0.00	44.40 3.33 0.00	51.91 3.71 0.00	55.76 3.84 0.00	46.70 3.10 0.00	37.56 2.26 0.00	35.24 1.87 0.00
EAST_RIVER___2 323559	36.54 1.84 0.00	33.85 1.89 0.00	32.03 1.78 0.00	30.39 1.69 0.00	31.71 1.71 0.00	34.15 1.66 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.00 2.60 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.99 2.79 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.37 2.95 -1.53	39.39 3.38 0.00	41.67 3.65 0.00	44.53 3.45 0.00	52.01 3.81 0.00	55.86 3.94 0.00	46.79 3.18 0.00	37.62 2.33 0.00	35.28 1.90 0.00
EAST___DELAWARE_HYD 23607	36.75 2.05 0.00	33.95 1.98 0.00	32.12 1.88 0.00	30.39 1.69 0.00	31.80 1.80 0.00	34.38 1.88 0.00	45.73 2.59 0.00	46.70 2.69 0.00	41.92 2.52 0.00	44.32 2.74 0.00	42.29 2.77 0.00	39.45 2.44 0.00	39.47 2.27 0.00	38.54 2.25 0.00	35.96 2.20 -0.38	36.71 2.34 -0.48	38.71 2.70 0.00	41.07 3.04 0.00	44.16 3.08 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.70 3.10 0.00	37.59 2.29 0.00	35.31 1.94 0.00
EIGHT_POINT___WT_PWR 323820	33.91 -0.80 0.00	30.27 -1.70 0.00	28.55 -1.69 0.00	27.09 -1.61 0.00	28.29 -1.71 0.00	30.90 -1.59 0.00	42.02 -1.12 0.00	42.43 -1.58 0.00	37.93 -1.58 -0.11	61.92 -1.71 -22.06	45.34 -1.78 -7.59	35.26 -1.85 -0.11	35.34 -1.86 0.00	34.55 -1.74 0.00	31.60 -1.77 0.00	32.40 -1.49 0.00	34.13 -1.87 0.00	36.24 -1.82 -0.04	39.75 -1.44 -0.11	46.91 -1.40 -0.11	50.99 -0.93 0.00	42.87 -0.74 0.00	34.27 -1.02 0.00	32.07 -1.30 0.00
ELBRIDGE_115KV_TB2 80188	34.36 -0.35 0.00	31.52 -0.45 0.00	29.82 -0.42 0.00	28.30 -0.40 0.00	29.58 -0.42 0.00	32.07 -0.42 0.00	42.84 -0.30 0.00	43.66 -0.35 0.00	39.04 -0.35 0.00	41.12 -0.46 0.00	39.01 -0.51 0.00	36.49 -0.52 0.00	36.75 -0.45 0.00	35.82 -0.47 0.00	32.84 -0.53 0.00	33.38 -0.51 0.00	35.47 -0.54 0.00	37.45 -0.57 0.00	40.54 -0.53 0.00	47.57 -0.63 0.00	51.40 -0.52 0.00	43.13 -0.48 0.00	34.87 -0.42 0.00	32.98 -0.40 0.00
ELEC_TRO_TEK 24086	37.04 2.33 -0.02	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.10 2.10 0.00	34.64 2.14 0.00	46.13 2.98 -0.02	47.07 3.04 -0.02	56.27 2.76 -14.12	53.38 3.16 -8.65	54.75 3.12 -12.10	55.81 2.89 -15.91	55.59 2.79 -15.60	56.28 2.87 -17.12	56.55 2.84 -20.35	52.78 2.91 -15.97	55.96 3.10 -16.86	55.42 3.38 -14.01	55.02 3.41 -10.54	52.02 3.81 -0.02	55.83 3.89 -0.02	53.11 3.23 -6.27	37.99 2.58 -0.12	35.73 2.34 -0.02
ELLENBURG_WT_PWR 323604	34.42 -0.28 0.00	31.74 -0.22 0.00	30.07 -0.18 0.00	28.55 -0.14 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	42.92 -0.21 0.00	43.88 -0.13 0.00	39.16 -0.23 0.00	41.28 -0.29 0.00	39.25 -0.27 0.00	36.79 -0.22 0.00	36.98 -0.22 0.00	36.04 -0.25 0.00	33.14 -0.23 0.00	33.66 -0.24 0.00	35.72 -0.29 0.00	37.72 -0.31 0.00	40.83 -0.24 0.00	47.96 -0.24 0.00	51.71 -0.21 0.00	43.35 -0.26 0.00	35.08 -0.21 0.00	33.07 -0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.73 -1.98 0.00	29.31 -2.65 0.00	27.65 -2.60 0.00	26.32 -2.38 0.00	27.36 -2.64 0.00	29.70 -2.79 0.00	40.55 -2.59 0.00	40.80 -3.21 0.00	36.33 -3.03 0.03	31.72 -3.33 6.53	34.08 -3.48 1.96	33.64 -3.33 0.03	34.07 -3.12 0.00	33.31 -2.98 0.00	30.10 -3.27 0.00	30.50 -3.39 0.00	32.55 -3.46 0.00	34.32 -3.69 0.01	37.39 -3.66 0.03	43.73 -4.43 0.03	47.87 -4.05 0.00	40.42 -3.18 0.00	32.36 -2.93 0.00	30.27 -3.10 0.00
EMPIRE_CC_1 323656	35.29 0.59 0.00	32.76 0.80 0.00	31.06 0.82 0.00	29.47 0.78 0.00	30.75 0.75 0.00	33.21 0.71 0.00	43.66 0.52 0.00	44.46 0.44 0.00	40.14 0.75 0.00	42.36 0.79 0.00	40.36 0.83 0.00	37.82 0.81 0.00	37.94 0.74 0.00	37.13 0.84 0.00	34.24 0.87 0.00	34.84 0.95 0.00	37.05 1.04 0.00	38.98 0.95 0.00	42.11 1.03 0.00	49.21 1.01 0.00	52.86 0.94 0.00	44.43 0.83 0.00	36.14 0.85 0.00	34.14 0.77 0.00
EMPIRE_CC_2 323658	35.29 0.59 0.00	32.76 0.80 0.00	31.06 0.82 0.00	29.47 0.78 0.00	30.75 0.75 0.00	33.21 0.71 0.00	43.66 0.52 0.00	44.46 0.44 0.00	40.14 0.75 0.00	42.36 0.79 0.00	40.36 0.83 0.00	37.82 0.81 0.00	37.94 0.74 0.00	37.13 0.84 0.00	34.24 0.87 0.00	34.84 0.95 0.00	37.05 1.04 0.00	38.98 0.95 0.00	42.11 1.03 0.00	49.21 1.01 0.00	52.86 0.94 0.00	44.43 0.83 0.00	36.14 0.85 0.00	34.14 0.77 0.00
ENORWICH_115KV_TB1 80156	36.51 1.80 0.00	33.53 1.57 0.00	31.67 1.42 0.00	29.87 1.18 0.00	31.47 1.47 0.00	34.21 1.72 0.00	45.81 2.67 0.00	46.70 2.68 0.00	41.49 2.09 0.00	44.40 1.95 -0.87	41.44 1.62 -0.30	38.31 1.30 0.00	38.46 1.26 0.00	37.34 1.05 0.00	34.04 0.93 0.27	34.40 0.85 0.34	37.05 1.04 0.00	39.55 1.52 0.00	43.26 2.18 0.00	51.43 3.23 0.00	55.50 3.58 0.00	46.62 3.01 0.00	37.41 2.12 0.00	35.18 1.80 0.00
ERIE_ST__34_KV_TB1-2 80199	32.80 -1.91 0.00	29.41 -2.56 0.00	27.71 -2.54 0.00	26.37 -2.32 0.00	27.45 -2.55 0.00	29.83 -2.66 0.00	40.77 -2.37 0.00	41.02 -2.99 0.00	37.08 -2.28 0.03	33.63 -2.04 5.90	36.21 -2.29 1.02	34.39 -2.59 0.03	34.19 -3.01 0.00	33.39 -2.90 0.00	30.20 -3.17 0.00	30.64 -3.25 0.00	32.62 -3.38 0.00	34.51 -3.50 0.01	37.68 -3.37 0.03	44.41 -3.76 0.03	48.23 -3.69 0.00	40.69 -2.92 0.00	32.54 -2.75 0.00	30.41 -2.97 0.00
ERIE_WT_PWR 323693	32.97 -1.73 0.00	29.12 -2.84 0.00	27.52 -2.72 0.00	26.17 -2.53 0.00	27.42 -2.58 0.00	29.89 -2.60 0.00	40.85 -2.29 0.00	41.02 -2.99 0.00	36.61 -2.76 0.03	32.20 -2.95 6.42	34.56 -3.12 1.85	33.98 -3.00 0.03	34.19 -3.01 0.00	33.42 -2.87 0.00	30.53 -2.84 0.00	31.25 -2.64 0.00	32.80 -3.20 0.00	34.59 -3.42 0.01	37.51 -3.53 0.03	44.07 -4.10 0.03	48.08 -3.84 0.00	40.60 -3.01 0.00	32.61 -2.68 0.00	30.47 -2.90 0.00
ESPRGFLD_115KV_TB1 80157	35.85 1.15 0.00	33.02 1.05 0.00	31.18 0.94 0.00	29.53 0.83 0.00	30.96 0.96 0.00	33.56 1.07 0.00	44.82 1.68 0.00	45.60 1.58 0.00	40.62 1.22 0.00	42.65 1.08 0.00	40.39 0.87 0.00	37.75 0.74 0.00	37.91 0.71 0.00	36.87 0.58 0.00	33.87 0.50 0.00	34.40 0.51 0.00	36.58 0.58 0.00	38.97 0.95 0.00	42.43 1.36 0.00	50.27 2.07 0.00	54.15 2.23 0.00	45.44 1.83 0.00	36.53 1.24 0.00	34.44 1.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.19 0.49 0.00	32.25 0.29 0.00	30.49 0.24 0.00	28.90 0.20 0.00	30.24 0.24 0.00	32.85 0.36 0.00	44.00 0.86 0.00	44.81 0.79 0.00	40.00 0.59 -0.01	43.73 0.50 -1.66	40.41 0.32 -0.56	37.16 0.15 -0.01	37.31 0.11 0.00	36.36 0.07 0.00	33.34 -0.03 0.00	33.86 -0.03 0.00	36.01 0.00 0.00	38.18 0.15 0.00	41.58 0.49 -0.01	48.93 0.72 -0.01	52.85 0.93 0.00	44.35 0.74 0.00	35.72 0.42 0.00	33.71 0.33 0.00
ETNA____115KV_TB2 80207	35.19 0.49 0.00	32.25 0.29 0.00	30.49 0.24 0.00	28.90 0.20 0.00	30.24 0.24 0.00	32.85 0.36 0.00	44.00 0.86 0.00	44.81 0.79 0.00	40.00 0.59 -0.01	43.73 0.50 -1.66	40.41 0.32 -0.56	37.16 0.15 -0.01	37.31 0.11 0.00	36.36 0.07 0.00	33.34 -0.03 0.00	33.86 -0.03 0.00	36.01 0.00 0.00	38.18 0.15 0.00	41.58 0.49 -0.01	48.93 0.72 -0.01	52.85 0.93 0.00	44.35 0.74 0.00	35.72 0.42 0.00	33.71 0.33 0.00
EUCLID___115KV_TB2 356179	34.18 -0.52 0.00	31.39 -0.58 0.00	29.67 -0.57 0.00	28.15 -0.55 0.00	29.43 -0.57 0.00	31.91 -0.58 0.00	42.54 -0.60 0.00	43.40 -0.62 0.00	38.81 -0.59 0.00	40.91 -0.67 0.00	38.81 -0.71 0.00	36.34 -0.67 0.00	36.60 -0.60 0.00	35.67 -0.62 0.00	32.74 -0.63 0.00	33.25 -0.64 0.00	35.32 -0.68 0.00	37.26 -0.76 0.00	40.30 -0.78 0.00	47.24 -0.96 0.00	51.04 -0.88 0.00	42.87 -0.74 0.00	34.66 -0.64 0.00	32.81 -0.57 0.00
E_CANADA_CAP_HY 24051	35.95 1.25 0.00	33.18 1.21 0.00	31.33 1.09 0.00	29.70 1.00 0.00	31.11 1.11 0.00	33.76 1.27 0.00	44.87 1.73 0.00	45.51 1.50 0.00	40.50 1.10 0.00	42.36 0.79 0.00	39.96 0.44 0.00	37.41 0.41 0.00	37.53 0.33 0.00	36.47 0.18 0.00	33.54 0.17 0.00	34.10 0.20 0.00	36.33 0.32 0.00	38.82 0.80 0.00	42.43 1.35 0.00	50.37 2.17 0.00	54.31 2.39 0.00	45.53 1.92 0.00	36.64 1.34 0.00	34.64 1.27 0.00
E_CANADA_MHWK_HY 24050	35.81 1.11 0.00	33.02 1.05 0.00	31.24 1.00 0.00	29.67 0.98 0.00	31.17 1.17 0.00	33.86 1.36 0.00	44.91 1.77 0.00	45.82 1.81 0.00	40.93 1.53 0.00	43.19 1.62 0.00	41.07 1.54 0.00	38.41 1.41 0.00	38.69 1.49 0.00	37.67 1.38 0.00	34.64 1.27 0.00	35.11 1.22 0.00	37.34 1.33 0.00	39.35 1.33 0.00	42.56 1.48 0.00	50.03 1.83 0.00	53.79 1.87 0.00	45.22 1.61 0.00	36.85 1.55 0.00	34.84 1.47 0.00
E_FISHKILL___LBMP 23776	36.16 1.46 0.00	33.43 1.47 0.00	31.64 1.39 0.00	30.02 1.32 0.00	31.38 1.38 0.00	33.82 1.33 0.00	44.95 1.81 0.00	45.91 1.89 0.00	41.25 1.85 0.00	43.74 2.16 0.00	41.78 2.25 0.00	39.04 2.04 0.00	39.17 1.97 0.00	38.32 2.03 0.00	35.71 2.04 -0.31	36.38 2.10 -0.38	38.24 2.23 0.00	40.53 2.51 0.00	43.58 2.51 0.00	51.04 2.84 0.00	54.72 2.80 0.00	45.96 2.35 0.00	37.06 1.76 0.00	34.94 1.57 0.00
FALCON___SEABRD_CC1 323796	34.81 0.10 0.00	32.09 0.13 0.00	30.40 0.15 0.00	28.90 0.20 0.00	30.18 0.18 0.00	32.75 0.26 0.00	43.44 0.30 0.00	44.46 0.44 0.00	39.63 0.24 0.00	41.74 0.17 0.00	39.68 0.16 0.00	37.19 0.19 0.00	37.39 0.19 0.00	36.44 0.15 0.00	33.50 0.13 0.00	33.99 0.10 0.00	36.08 0.07 0.00	38.10 0.08 0.00	41.29 0.21 0.00	48.49 0.29 0.00	52.29 0.37 0.00	43.83 0.22 0.00	35.47 0.18 0.00	33.41 0.03 0.00
FALCON___SEABRD_CC2 323797	34.81 0.10 0.00	32.09 0.13 0.00	30.40 0.15 0.00	28.90 0.20 0.00	30.18 0.18 0.00	32.75 0.26 0.00	43.44 0.30 0.00	44.46 0.44 0.00	39.63 0.24 0.00	41.74 0.17 0.00	39.68 0.16 0.00	37.19 0.19 0.00	37.39 0.19 0.00	36.44 0.15 0.00	33.50 0.13 0.00	33.99 0.10 0.00	36.08 0.07 0.00	38.10 0.08 0.00	41.29 0.21 0.00	48.49 0.29 0.00	52.29 0.37 0.00	43.83 0.22 0.00	35.47 0.18 0.00	33.41 0.03 0.00

FAR ROCKAWAY___4 23548	37.43 2.71 -0.02	34.55 2.59 0.00	32.67 2.42 0.00	30.96 2.27 0.00	32.40 2.40 0.00	34.96 2.47 0.00	46.56 3.41 -0.02	47.51 3.48 -0.02	57.20 3.19 -14.62	54.10 3.58 -8.95	55.65 3.60 -12.52	56.78 3.29 -16.48	56.58 3.24 -16.15	57.32 3.30 -17.73	57.60 3.20 -21.02	53.66 3.29 -16.48	56.95 3.49 -17.45	56.37 3.84 -14.50	55.89 3.90 -10.91	52.70 4.48 -0.02	56.56 4.62 -0.02	53.89 3.79 -6.49	38.39 2.96 -0.13	36.09 2.70 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.65 1.94 0.00	33.88 1.92 0.00	32.06 1.81 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.18 1.69 0.00	45.60 2.46 0.00	46.61 2.60 0.00	41.92 2.52 0.00	44.48 2.91 0.00	42.53 3.00 0.00	39.74 2.74 0.00	39.84 2.64 0.00	39.05 2.76 0.00	37.29 2.70 -1.22	38.20 2.78 -1.53	38.99 2.99 0.00	41.37 3.35 0.00	44.36 3.29 0.00	51.91 3.71 0.00	55.66 3.74 0.00	46.62 3.01 0.00	37.55 2.26 0.00	35.28 1.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.65 1.94 0.00	33.88 1.92 0.00	32.06 1.81 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.18 1.69 0.00	45.60 2.46 0.00	46.61 2.60 0.00	41.92 2.52 0.00	44.48 2.91 0.00	42.53 3.00 0.00	39.74 2.74 0.00	39.84 2.64 0.00	39.05 2.76 0.00	37.29 2.70 -1.22	38.20 2.78 -1.53	38.99 2.99 0.00	41.33 3.31 0.00	44.36 3.29 0.00	51.91 3.71 0.00	55.66 3.74 0.00	46.62 3.01 0.00	37.55 2.26 0.00	35.31 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.61 1.91 0.00	33.85 1.89 0.00	32.06 1.81 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.18 1.69 0.00	45.60 2.46 0.00	46.61 2.60 0.00	41.92 2.52 0.00	44.48 2.91 0.00	42.53 3.00 0.00	39.71 2.70 0.00	39.84 2.64 0.00	39.05 2.76 0.00	37.29 2.70 -1.22	38.20 2.78 -1.53	38.96 2.95 0.00	41.33 3.31 0.00	44.36 3.29 0.00	51.91 3.71 0.00	55.61 3.69 0.00	46.62 3.01 0.00	37.55 2.26 0.00	35.28 1.90 0.00
FARRAGUT___LBMP 323566	36.58 1.87 0.00	33.85 1.89 0.00	32.03 1.78 0.00	30.39 1.69 0.00	31.77 1.77 0.00	34.15 1.66 0.00	45.56 2.42 0.00	46.57 2.55 0.00	41.88 2.48 0.00	44.44 2.87 0.00	42.49 2.96 0.00	39.67 2.66 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.26 2.67 -1.22	38.17 2.75 -1.53	38.92 2.92 0.00	41.29 3.27 0.00	44.32 3.25 0.00	51.86 3.66 0.00	55.55 3.63 0.00	46.57 2.97 0.00	37.52 2.22 0.00	35.24 1.87 0.00
FARRCKWY_69_KV_BK2 55825	37.43 2.71 -0.02	34.55 2.59 0.00	32.67 2.42 0.00	30.96 2.27 0.00	32.40 2.40 0.00	34.96 2.47 0.00	46.56 3.41 -0.02	47.51 3.48 -0.02	57.20 3.19 -14.62	54.10 3.58 -8.95	55.65 3.60 -12.52	56.78 3.29 -16.48	56.58 3.24 -16.15	57.32 3.30 -17.73	57.60 3.20 -21.02	53.66 3.29 -16.48	56.95 3.49 -17.45	56.37 3.84 -14.50	55.89 3.90 -10.91	52.70 4.48 -0.02	56.56 4.62 -0.02	53.89 3.79 -6.49	38.39 2.96 -0.13	36.09 2.70 -0.02
FENNER___WINDPWR 24204	35.26 0.55 0.00	32.38 0.41 0.00	30.58 0.33 0.00	28.95 0.26 0.00	30.36 0.36 0.00	32.98 0.49 0.00	44.00 0.86 0.00	44.81 0.79 0.00	39.99 0.59 0.00	42.11 0.54 0.00	39.96 0.44 0.00	37.30 0.29 0.00	37.50 0.30 0.00	36.51 0.22 0.00	33.54 0.17 0.00	34.06 0.17 0.00	36.19 0.18 0.00	38.33 0.30 0.00	41.57 0.49 0.00	49.02 0.82 0.00	52.86 0.94 0.00	44.39 0.79 0.00	35.82 0.53 0.00	33.84 0.47 0.00
FIBERTEK___ENERGY 23856	34.53 -0.17 0.00	31.71 -0.26 0.00	29.97 -0.27 0.00	28.44 -0.26 0.00	29.73 -0.27 0.00	32.27 -0.23 0.00	43.05 -0.09 0.00	43.93 -0.09 0.00	39.28 -0.12 0.00	41.41 -0.17 0.00	39.29 -0.24 0.00	36.75 -0.26 0.00	37.01 -0.19 0.00	36.07 -0.22 0.00	33.07 -0.30 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.64 -0.38 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.39 -0.22 0.00	35.08 -0.21 0.00	33.18 -0.20 0.00
FITZPATRICK___ 23598	33.80 -0.90 0.00	31.04 -0.93 0.00	29.34 -0.91 0.00	27.84 -0.86 0.00	29.13 -0.87 0.00	31.58 -0.91 0.00	41.98 -1.16 0.00	42.78 -1.23 0.00	38.25 -1.14 0.00	40.33 -1.25 0.00	38.30 -1.23 0.00	35.86 -1.15 0.00	36.08 -1.11 0.00	35.20 -1.09 0.00	32.30 -1.07 0.00	32.78 -1.12 0.00	34.78 -1.22 0.00	36.69 -1.33 0.00	39.64 -1.44 0.00	46.56 -1.64 0.00	50.21 -1.71 0.00	42.17 -1.44 0.00	34.20 -1.09 0.00	32.48 -0.90 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.51 1.80 0.00	33.72 1.76 0.00	31.94 1.69 0.00	30.25 1.55 0.00	31.62 1.62 0.00	34.15 1.66 0.00	45.43 2.29 0.00	46.35 2.33 0.00	41.68 2.28 0.00	44.15 2.58 0.00	42.13 2.61 0.00	39.37 2.37 0.00	39.47 2.27 0.00	38.65 2.36 0.00	36.63 2.27 -0.99	37.51 2.37 -1.24	38.56 2.56 0.00	40.91 2.89 0.00	44.04 2.96 0.00	51.62 3.42 0.00	55.30 3.37 0.00	46.44 2.83 0.00	37.45 2.15 0.00	35.24 1.87 0.00
FORT ORANGE___ 23900	35.29 0.59 0.00	32.86 0.89 0.00	31.09 0.85 0.00	29.50 0.80 0.00	30.81 0.81 0.00	33.18 0.68 0.00	43.79 0.65 0.00	44.63 0.62 0.00	40.11 0.71 0.00	42.32 0.75 0.00	40.24 0.71 0.00	37.67 0.67 0.00	37.79 0.59 0.00	36.94 0.65 0.00	34.07 0.70 0.00	34.67 0.78 0.00	36.91 0.90 0.00	39.01 0.99 0.00	42.14 1.07 0.00	49.31 1.11 0.00	52.96 1.04 0.00	44.61 1.00 0.00	36.14 0.85 0.00	34.11 0.73 0.00
FORT_DRUM_COGEN 23780	34.88 0.17 0.00	32.12 0.16 0.00	30.25 0.00 0.00	28.50 -0.20 0.00	30.00 0.00 0.00	32.69 0.19 0.00	43.70 0.56 0.00	44.59 0.57 0.00	39.36 -0.04 0.00	41.24 -0.33 0.00	38.97 -0.55 0.00	36.30 -0.70 0.00	36.45 -0.74 0.00	35.31 -0.98 0.00	32.40 -0.97 0.00	32.88 -1.02 0.00	35.00 -1.01 0.00	37.30 -0.72 0.00	40.79 -0.29 0.00	48.68 0.48 0.00	52.70 0.78 0.00	44.18 0.57 0.00	35.72 0.42 0.00	33.68 0.30 0.00
FOX_HILLS___ESR 323835	36.90 2.19 -0.01	34.24 2.27 -0.01	32.40 2.15 -0.01	30.74 2.04 -0.01	32.08 2.07 -0.01	34.34 1.85 0.00	45.68 2.54 0.00	46.84 2.82 0.00	42.08 2.68 0.00	44.69 3.12 0.00	42.69 3.16 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.49 2.90 -1.22	38.44 3.02 -1.53	39.46 3.46 0.00	41.76 3.73 -0.01	44.66 3.57 -0.01	52.21 4.00 -0.01	56.03 4.10 -0.01	47.02 3.40 -0.01	37.88 2.58 -0.01	35.54 2.17 0.00
FPL_FAR_ROCK_GT1 24212	37.32 2.60 -0.02	34.52 2.56 0.00	32.61 2.36 0.00	30.94 2.24 0.00	32.34 2.34 0.00	34.93 2.44 0.00	46.52 3.37 -0.02	47.51 3.48 -0.02	57.16 3.15 -14.62	54.10 3.58 -8.95	55.61 3.56 -12.52	56.74 3.26 -16.48	56.58 3.23 -16.15	57.32 3.30 -17.73	57.63 3.24 -21.02	53.73 3.36 -16.48	57.20 3.74 -17.45	56.52 3.99 -14.50	55.93 3.94 -10.91	52.70 4.48 -0.02	56.61 4.67 -0.02	53.98 3.88 -6.49	38.39 2.97 -0.13	36.06 2.67 -0.02
FPL_FAR_ROCK_GT2 23815	37.32 2.60 -0.02	34.52 2.56 0.00	32.61 2.36 0.00	30.94 2.24 0.00	32.34 2.34 0.00	34.93 2.44 0.00	46.52 3.37 -0.02	47.51 3.48 -0.02	57.16 3.15 -14.62	54.10 3.58 -8.95	55.61 3.56 -12.52	56.74 3.26 -16.48	56.58 3.23 -16.15	57.32 3.30 -17.73	57.63 3.24 -21.02	53.73 3.36 -16.48	57.20 3.74 -17.45	56.52 3.99 -14.50	55.93 3.94 -10.91	52.70 4.48 -0.02	56.61 4.67 -0.02	53.98 3.88 -6.49	38.39 2.97 -0.13	36.06 2.67 -0.02

FRANKLIN_FALL_HYD 24054	34.60 -0.10 0.00	31.90 -0.06 0.00	30.22 -0.03 0.00	28.73 0.03 0.00	30.00 0.00 0.00	32.62 0.13 0.00	43.27 0.13 0.00	44.32 0.31 0.00	39.40 0.00 0.00	41.45 -0.12 0.00	39.33 -0.20 0.00	36.86 -0.15 0.00	36.94 -0.26 0.00	35.93 -0.36 0.00	33.00 -0.37 0.00	33.49 -0.41 0.00	35.50 -0.50 0.00	37.53 -0.49 0.00	40.79 -0.29 0.00	48.05 -0.14 0.00	51.92 0.00 0.00	43.52 -0.09 0.00	35.22 -0.07 0.00	33.21 -0.17 0.00
FREEPORT_EQUS_GT1 23764	37.22 2.50 -0.01	34.39 2.43 0.00	32.52 2.27 0.00	30.82 2.12 0.00	32.22 2.22 0.00	34.80 2.31 0.00	46.39 3.24 -0.01	47.37 3.34 -0.01	53.07 3.03 -10.64	51.54 3.45 -6.51	52.04 3.40 -9.11	52.10 3.11 -11.99	52.00 3.05 -11.75	52.31 3.12 -12.90	52.10 3.10 -15.63	49.55 3.25 -12.41	52.31 3.60 -12.70	52.46 3.88 -10.55	52.84 3.82 -7.94	52.45 4.24 -0.01	56.34 4.41 -0.01	52.04 3.70 -4.72	38.24 2.86 -0.09	35.92 2.54 -0.01
FREEPORT___CT2 23818	37.22 2.50 -0.01	34.39 2.43 0.00	32.52 2.27 0.00	30.82 2.12 0.00	32.22 2.22 0.00	34.80 2.31 0.00	46.39 3.24 -0.01	47.37 3.34 -0.01	53.07 3.03 -10.64	51.54 3.45 -6.51	52.04 3.40 -9.11	52.10 3.11 -11.99	52.00 3.05 -11.75	52.31 3.12 -12.90	52.10 3.10 -15.63	49.55 3.25 -12.41	52.31 3.60 -12.70	52.46 3.88 -10.55	52.84 3.82 -7.94	52.45 4.24 -0.01	56.34 4.41 -0.01	52.04 3.70 -4.72	38.24 2.86 -0.09	35.92 2.54 -0.01
FRESHKLS_33_KV_LOAD 356253	37.07 2.36 -0.01	34.40 2.43 -0.01	32.52 2.27 -0.01	30.89 2.18 -0.01	32.23 2.22 -0.01	34.51 2.02 0.00	45.90 2.76 0.00	47.01 2.99 0.00	42.23 2.84 0.00	44.86 3.28 0.00	42.80 3.28 0.00	39.93 2.92 0.00	40.10 2.90 0.00	39.34 3.05 0.00	37.59 3.00 -1.22	38.57 3.15 -1.53	39.61 3.60 0.00	41.91 3.88 -0.01	44.86 3.78 -0.01	52.40 4.19 -0.01	56.29 4.36 -0.01	47.23 3.62 -0.01	38.06 2.75 -0.01	35.71 2.34 0.00
FULTON COGEN____ 23766	33.94 -0.76 0.00	31.17 -0.80 0.00	29.49 -0.76 0.00	27.98 -0.72 0.00	29.25 -0.75 0.00	31.71 -0.78 0.00	42.28 -0.86 0.00	43.14 -0.88 0.00	38.57 -0.83 0.00	40.66 -0.91 0.00	38.58 -0.95 0.00	36.08 -0.93 0.00	36.34 -0.86 0.00	35.42 -0.87 0.00	32.50 -0.87 0.00	33.01 -0.88 0.00	35.07 -0.94 0.00	37.00 -1.03 0.00	40.01 -1.07 0.00	46.95 -1.25 0.00	50.67 -1.25 0.00	42.56 -1.05 0.00	34.45 -0.85 0.00	32.61 -0.77 0.00
FULTON___LFGE 323630	36.16 1.46 0.00	33.40 1.44 0.00	31.55 1.30 0.00	29.90 1.21 0.00	31.29 1.29 0.00	33.96 1.46 0.00	45.21 2.07 0.00	45.82 1.81 0.00	40.74 1.34 0.00	42.61 1.04 0.00	40.20 0.67 0.00	37.56 0.56 0.00	37.61 0.41 0.00	36.55 0.26 0.00	33.63 0.27 0.00	34.27 0.37 0.00	36.47 0.47 0.00	38.98 0.95 0.00	42.68 1.60 0.00	50.75 2.55 0.00	54.67 2.75 0.00	45.83 2.22 0.00	36.95 1.66 0.00	34.84 1.47 0.00
G.F.CEMENT___DRP 24184	36.51 1.80 0.00	33.79 1.82 0.00	31.94 1.69 0.00	30.30 1.61 0.00	31.68 1.68 0.00	34.34 1.85 0.00	45.56 2.42 0.00	46.39 2.38 0.00	41.60 2.21 0.00	43.86 2.29 0.00	41.50 1.98 0.00	38.86 1.85 0.00	38.80 1.60 0.00	37.67 1.38 0.00	34.70 1.33 0.00	35.35 1.46 0.00	37.48 1.48 0.00	39.77 1.75 0.00	43.26 2.18 0.00	51.09 2.89 0.00	54.93 3.01 0.00	46.09 2.49 0.00	37.20 1.91 0.00	35.18 1.80 0.00
GARDENVILLE___LBMP 24039	32.80 -1.91 0.00	29.41 -2.56 0.00	27.71 -2.54 0.00	26.37 -2.32 0.00	27.42 -2.58 0.00	29.80 -2.70 0.00	40.68 -2.46 0.00	40.94 -3.08 0.00	36.53 -2.84 0.03	31.44 -3.03 7.10	34.18 -3.20 2.15	33.83 -3.15 0.03	34.15 -3.05 0.00	33.35 -2.94 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.62 -3.38 0.00	34.44 -3.57 0.01	37.51 -3.53 0.03	43.92 -4.24 0.03	48.08 -3.84 0.00	40.60 -3.01 0.00	32.47 -2.82 0.00	30.37 -3.00 0.00
GARDNVLA_35_KV_LD 355827	32.90 -1.80 0.00	29.47 -2.49 0.00	27.80 -2.45 0.00	26.43 -2.27 0.00	27.51 -2.49 0.00	29.86 -2.63 0.00	40.77 -2.37 0.00	41.02 -2.99 0.00	36.65 -2.72 0.03	32.49 -2.91 6.17	34.67 -3.12 1.74	33.94 -3.03 0.03	34.26 -2.94 0.00	33.46 -2.83 0.00	30.23 -3.14 0.00	30.64 -3.25 0.00	32.66 -3.35 0.00	34.51 -3.50 0.01	37.60 -3.45 0.03	44.07 -4.10 0.03	48.18 -3.74 0.00	40.69 -2.92 0.00	32.58 -2.72 0.00	30.44 -2.94 0.00
GELCKHM___115KV_LOAD 80723	34.32 -0.38 0.00	31.52 -0.45 0.00	29.79 -0.45 0.00	28.27 -0.43 0.00	29.55 -0.45 0.00	32.04 -0.45 0.00	42.75 -0.39 0.00	43.58 -0.44 0.00	38.96 -0.43 0.00	41.07 -0.50 0.00	39.01 -0.51 0.00	36.49 -0.52 0.00	36.75 -0.45 0.00	35.82 -0.47 0.00	32.87 -0.50 0.00	33.38 -0.51 0.00	35.47 -0.54 0.00	37.42 -0.61 0.00	40.46 -0.62 0.00	47.48 -0.72 0.00	51.25 -0.67 0.00	43.04 -0.57 0.00	34.80 -0.49 0.00	32.94 -0.43 0.00
GENERAL___MILLS 23808	32.86 -1.84 0.00	29.44 -2.53 0.00	27.74 -2.51 0.00	26.40 -2.30 0.00	27.45 -2.55 0.00	29.83 -2.66 0.00	40.72 -2.42 0.00	40.98 -3.04 0.00	36.61 -2.76 0.03	32.20 -2.95 6.42	34.55 -3.12 1.85	33.90 -3.07 0.03	34.19 -3.01 0.00	33.42 -2.87 0.00	30.20 -3.17 0.00	30.61 -3.29 0.00	32.62 -3.38 0.00	34.48 -3.54 0.01	37.56 -3.49 0.03	44.02 -4.15 0.03	48.13 -3.79 0.00	40.64 -2.97 0.00	32.51 -2.79 0.00	30.41 -2.97 0.00
GE_PLASTICS___DRP 24183	35.43 0.73 0.00	32.73 0.77 0.00	31.00 0.76 0.00	29.39 0.69 0.00	30.72 0.72 0.00	33.24 0.75 0.00	43.74 0.60 0.00	44.59 0.57 0.00	40.07 0.67 0.00	42.36 0.79 0.00	40.32 0.79 0.00	37.78 0.78 0.00	37.87 0.67 0.00	36.98 0.69 0.00	34.10 0.73 0.00	34.67 0.78 0.00	36.83 0.83 0.00	38.94 0.91 0.00	42.02 0.94 0.00	49.21 1.01 0.00	52.85 0.93 0.00	44.44 0.83 0.00	36.04 0.74 0.00	34.18 0.80 0.00
GILBOA___1 23756	35.47 0.76 0.00	32.76 0.80 0.00	31.00 0.76 0.00	29.42 0.72 0.00	30.72 0.72 0.00	33.21 0.71 0.00	44.09 0.95 0.00	44.98 0.97 0.00	40.38 0.99 0.00	42.70 1.12 0.00	40.67 1.15 0.00	38.04 1.03 0.00	38.20 1.00 0.00	37.31 1.01 0.00	34.40 1.04 0.00	34.98 1.08 0.00	37.23 1.22 0.00	39.35 1.33 0.00	42.43 1.35 0.00	49.70 1.50 0.00	53.43 1.51 0.00	44.87 1.27 0.00	36.25 0.95 0.00	34.21 0.83 0.00
GILBOA___2 23757	35.47 0.76 0.00	32.76 0.80 0.00	31.00 0.76 0.00	29.42 0.72 0.00	30.72 0.72 0.00	33.21 0.71 0.00	44.09 0.95 0.00	44.98 0.97 0.00	40.38 0.99 0.00	42.70 1.12 0.00	40.67 1.15 0.00	38.04 1.03 0.00	38.20 1.00 0.00	37.31 1.01 0.00	34.40 1.04 0.00	34.98 1.08 0.00	37.23 1.22 0.00	39.35 1.33 0.00	42.43 1.35 0.00	49.70 1.50 0.00	53.43 1.51 0.00	44.87 1.27 0.00	36.25 0.95 0.00	34.21 0.83 0.00
GILBOA___3 23758	35.47 0.76 0.00	32.76 0.80 0.00	31.00 0.76 0.00	29.42 0.72 0.00	30.72 0.72 0.00	33.21 0.71 0.00	44.09 0.95 0.00	44.98 0.97 0.00	40.38 0.99 0.00	42.70 1.12 0.00	40.67 1.15 0.00	38.04 1.03 0.00	38.20 1.00 0.00	37.31 1.01 0.00	34.40 1.04 0.00	34.98 1.08 0.00	37.23 1.22 0.00	39.35 1.33 0.00	42.43 1.35 0.00	49.70 1.50 0.00	53.43 1.51 0.00	44.87 1.27 0.00	36.25 0.95 0.00	34.21 0.83 0.00

GILBOA____4 23759	35.47 0.76 0.00	32.76 0.80 0.00	31.00 0.76 0.00	29.42 0.72 0.00	30.72 0.72 0.00	33.21 0.71 0.00	44.09 0.95 0.00	44.98 0.97 0.00	40.38 0.99 0.00	42.70 1.12 0.00	40.67 1.15 0.00	38.04 1.03 0.00	38.20 1.00 0.00	37.31 1.01 0.00	34.40 1.04 0.00	34.98 1.08 0.00	37.23 1.22 0.00	39.35 1.33 0.00	42.43 1.35 0.00	49.70 1.50 0.00	53.43 1.51 0.00	44.87 1.27 0.00	36.25 0.95 0.00	34.21 0.83 0.00
GILBOA____ 23599	35.54 0.83 0.00	32.80 0.83 0.00	31.03 0.79 0.00	29.44 0.75 0.00	30.78 0.78 0.00	33.27 0.78 0.00	44.09 0.95 0.00	44.98 0.97 0.00	40.38 0.98 0.00	42.70 1.12 0.00	40.67 1.15 0.00	38.08 1.07 0.00	38.20 1.00 0.00	37.31 1.02 0.00	34.37 1.00 0.00	34.94 1.05 0.00	37.12 1.12 0.00	39.28 1.25 0.00	42.39 1.31 0.00	49.69 1.49 0.00	53.37 1.45 0.00	44.87 1.26 0.00	36.25 0.95 0.00	34.24 0.87 0.00
GINNA____ 23603	32.48 -2.22 0.00	29.31 -2.65 0.00	27.74 -2.51 0.00	26.34 -2.35 0.00	27.66 -2.34 0.00	30.06 -2.44 0.00	40.42 -2.72 0.00	41.20 -2.82 0.00	36.52 -2.87 0.00	38.21 -3.37 0.00	36.17 -3.36 0.00	34.08 -2.92 0.00	34.52 -2.68 0.00	33.68 -2.61 0.00	30.73 -2.64 0.00	31.32 -2.58 0.00	33.05 -2.95 0.00	34.87 -3.16 0.00	37.95 -3.12 0.00	44.49 -3.71 0.00	48.24 -3.69 0.00	40.64 -2.97 0.00	32.68 -2.61 0.00	30.74 -2.64 0.00
GLEN PARK____ 23778	35.02 0.31 0.00	32.19 0.23 0.00	30.31 0.06 0.00	28.53 -0.17 0.00	30.06 0.06 0.00	32.75 0.26 0.00	43.83 0.69 0.00	44.68 0.66 0.00	39.40 0.00 0.00	41.24 -0.33 0.00	38.97 -0.55 0.00	36.30 -0.70 0.00	36.46 -0.74 0.00	35.31 -0.98 0.00	32.40 -0.97 0.00	32.81 -1.09 0.00	34.93 -1.08 0.00	37.26 -0.76 0.00	40.83 -0.24 0.00	48.78 0.58 0.00	52.80 0.88 0.00	44.26 0.66 0.00	35.79 0.49 0.00	33.74 0.37 0.00
GLENDALE_27_KV_LOAD 356172	36.79 2.08 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.60 1.89 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.64 2.50 0.00	46.70 2.68 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.16 2.87 0.00	37.39 2.80 -1.22	38.30 2.88 -1.53	39.10 3.10 0.00	41.48 3.46 0.00	44.53 3.45 0.00	52.06 3.86 0.00	55.71 3.79 0.00	46.75 3.14 0.00	37.69 2.40 0.00	35.41 2.04 0.00
GLENWOOD_IC_1_G5 23712	37.01 2.29 -0.01	34.20 2.24 0.00	32.33 2.09 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.57 2.08 0.00	46.09 2.93 -0.01	47.07 3.04 -0.01	55.27 2.88 -13.00	52.78 3.24 -7.96	53.94 3.28 -11.14	54.66 3.00 -14.65	54.50 2.94 -14.36	55.07 3.01 -15.77	55.14 2.94 -18.83	51.73 3.02 -14.83	54.73 3.20 -15.52	54.46 3.54 -12.90	54.35 3.57 -9.70	52.21 4.00 -0.01	55.98 4.05 -0.01	52.78 3.40 -5.77	38.02 2.61 -0.11	35.69 2.30 -0.01
GLENWOOD_IC_2_G1 23688	36.65 1.94 0.00	33.95 1.98 0.00	32.09 1.85 0.00	30.45 1.75 0.00	31.80 1.80 0.00	34.31 1.82 0.00	45.68 2.54 0.00	46.75 2.73 0.00	42.56 2.56 -0.60	44.89 2.95 -0.37	43.01 2.97 -0.52	40.38 2.70 -0.68	40.50 2.64 -0.66	39.78 2.76 -0.73	38.13 2.74 -2.03	38.88 2.85 -2.14	39.93 3.20 -0.72	42.04 3.42 -0.60	44.85 3.33 -0.45	51.91 3.71 0.00	55.71 3.79 0.00	47.06 3.18 -0.27	37.66 2.37 -0.01	35.41 2.04 0.00
GLENWOOD_IC_3_G1 23689	36.65 1.94 0.00	33.95 1.98 0.00	32.09 1.85 0.00	30.45 1.75 0.00	31.80 1.80 0.00	34.31 1.82 0.00	45.68 2.54 0.00	46.75 2.73 0.00	42.56 2.56 -0.60	44.89 2.95 -0.37	43.01 2.97 -0.52	40.38 2.70 -0.68	40.50 2.64 -0.66	39.78 2.76 -0.73	38.13 2.74 -2.03	38.88 2.85 -2.14	39.93 3.20 -0.72	42.04 3.42 -0.60	44.85 3.33 -0.45	51.91 3.71 0.00	55.71 3.79 0.00	47.06 3.18 -0.27	37.66 2.37 -0.01	35.41 2.04 0.00
GLENWOOD____4 23550	37.01 2.29 -0.01	34.20 2.24 0.00	32.33 2.09 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.57 2.08 0.00	46.09 2.93 -0.01	47.07 3.04 -0.01	55.27 2.88 -13.00	52.78 3.24 -7.96	53.94 3.28 -11.14	54.66 3.00 -14.65	54.50 2.94 -14.36	55.07 3.01 -15.77	55.14 2.94 -18.83	51.73 3.02 -14.83	54.73 3.20 -15.52	54.46 3.54 -12.90	54.35 3.57 -9.70	52.21 4.00 -0.01	55.98 4.05 -0.01	52.78 3.40 -5.77	38.02 2.61 -0.11	35.69 2.30 -0.01
GLENWOOD____5 23614	37.01 2.29 -0.01	34.20 2.24 0.00	32.33 2.09 0.00	30.68 1.98 0.00	32.07 2.07 0.00	34.57 2.08 0.00	46.09 2.93 -0.01	47.07 3.04 -0.01	55.27 2.88 -13.00	52.78 3.24 -7.96	53.94 3.28 -11.14	54.66 3.00 -14.65	54.50 2.94 -14.36	55.07 3.01 -15.77	55.14 2.94 -18.83	51.73 3.02 -14.83	54.73 3.20 -15.52	54.46 3.54 -12.90	54.35 3.57 -9.70	52.21 4.00 -0.01	55.98 4.05 -0.01	52.78 3.40 -5.77	38.02 2.61 -0.11	35.69 2.30 -0.01
GLOBAL GREEN_PORT_GT1 23814	65.45 3.89 -26.86	54.33 3.58 -18.79	50.18 3.30 -16.63	50.14 3.10 -18.35	54.26 3.27 -20.99	60.92 3.44 -24.98	64.65 4.87 -16.64	64.66 4.97 -15.67	68.02 4.65 -23.98	64.68 5.03 -18.07	64.11 4.86 -19.73	60.97 4.36 -19.60	59.68 4.20 -18.28	59.48 4.06 -19.12	49.45 3.80 -12.28	49.29 3.76 -11.63	60.37 4.21 -20.15	63.23 4.41 -20.80	69.94 4.48 -24.38	89.29 5.16 -35.93	109.55 5.45 -52.18	89.63 5.06 -40.97	65.65 4.06 -26.29	59.27 3.50 -22.40
GLOBE____DSASP 323697	32.12 -2.57 0.02	28.75 -3.20 0.02	27.11 -3.12 0.02	25.81 -2.87 0.02	26.83 -3.15 0.02	29.13 -3.35 0.02	39.67 -3.45 0.02	39.99 -4.01 0.02	35.41 -3.94 0.04	32.25 -4.41 4.91	33.29 -4.43 1.81	32.78 -4.18 0.04	33.50 -3.68 0.02	32.71 -3.56 0.02	29.58 -3.77 0.02	29.94 -3.93 0.02	31.99 -4.00 0.02	33.66 -4.33 0.03	36.60 -4.44 0.04	42.56 -5.59 0.04	46.76 -5.14 0.02	39.58 -4.01 0.02	31.71 -3.56 0.02	29.68 -3.67 0.02
GOETHSLN____LBMP 323567	36.44 1.74 0.00	33.72 1.76 0.00	31.91 1.66 0.00	30.28 1.58 0.00	31.65 1.65 0.00	34.02 1.53 0.00	45.43 2.29 0.00	46.39 2.38 0.00	41.72 2.32 0.00	44.28 2.70 0.00	42.33 2.81 0.00	39.56 2.55 0.00	39.69 2.49 0.00	38.90 2.61 0.00	37.16 2.57 -1.22	38.07 2.64 -1.53	38.85 2.84 0.00	41.18 3.16 0.00	44.20 3.12 0.00	51.72 3.52 0.00	55.40 3.48 0.00	46.44 2.83 0.00	37.38 2.08 0.00	35.14 1.77 0.00
GOLAH____69_KV_TB 1_2 80279	33.77 -0.94 0.00	30.59 -1.37 0.00	28.92 -1.33 0.00	27.46 -1.23 0.00	28.71 -1.29 0.00	31.16 -1.33 0.00	42.10 -1.04 0.00	42.78 -1.23 0.00	37.82 -1.58 0.00	39.54 -2.04 -0.01	37.32 -2.21 -0.01	34.97 -2.04 0.00	35.60 -1.60 0.00	34.66 -1.63 0.00	31.47 -1.90 0.00	31.89 -2.00 0.00	33.95 -2.05 0.00	35.82 -2.21 0.00	39.02 -2.05 0.00	45.64 -2.55 0.00	49.79 -2.13 0.00	41.99 -1.61 0.00	33.67 -1.62 0.00	31.61 -1.77 0.00
GOODYEAR_LAKE_HYD 323669	35.78 1.08 0.00	32.96 0.99 0.00	31.12 0.88 0.00	29.47 0.77 0.00	30.90 0.90 0.00	33.47 0.97 0.00	44.65 1.51 0.00	45.56 1.54 0.00	40.70 1.30 0.00	42.90 1.33 0.00	40.79 1.26 0.00	38.12 1.11 0.00	38.28 1.08 0.00	37.27 0.98 0.00	34.27 0.90 0.00	34.77 0.88 0.00	36.98 0.97 0.00	39.24 1.22 0.00	42.52 1.44 0.00	50.13 1.93 0.00	54.00 2.08 0.00	45.31 1.70 0.00	36.49 1.20 0.00	34.41 1.03 0.00

GOUDEY___7 235031	34.81 0.10 0.00	31.87 -0.10 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	43.36 0.22 0.00	44.10 0.09 0.00	39.48 0.08 0.00	41.70 0.12 0.00	39.60 0.08 0.00	36.97 -0.04 0.00	37.09 -0.11 0.00	36.18 -0.11 0.00	33.17 -0.20 0.00	33.69 -0.20 0.00	35.83 -0.18 0.00	37.87 -0.15 0.00	41.08 0.00 0.00	48.30 0.10 0.00	52.13 0.21 0.00	43.78 0.17 0.00	35.26 -0.04 0.00	33.28 -0.10 0.00
GOUDEY___7 23579	34.81 0.10 0.00	31.87 -0.10 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	43.36 0.22 0.00	44.10 0.09 0.00	39.48 0.08 0.00	41.70 0.12 0.00	39.60 0.08 0.00	36.97 -0.04 0.00	37.09 -0.11 0.00	36.18 -0.11 0.00	33.17 -0.20 0.00	33.69 -0.20 0.00	35.83 -0.18 0.00	37.87 -0.15 0.00	41.08 0.00 0.00	48.30 0.10 0.00	52.13 0.21 0.00	43.78 0.17 0.00	35.26 -0.04 0.00	33.28 -0.10 0.00
GOUDEY___8 23580	34.81 0.10 0.00	31.87 -0.10 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	43.36 0.22 0.00	44.10 0.09 0.00	39.48 0.08 0.00	41.70 0.12 0.00	39.60 0.08 0.00	36.97 -0.04 0.00	37.09 -0.11 0.00	36.18 -0.11 0.00	33.17 -0.20 0.00	33.69 -0.20 0.00	35.83 -0.18 0.00	37.87 -0.15 0.00	41.08 0.00 0.00	48.30 0.10 0.00	52.13 0.21 0.00	43.78 0.17 0.00	35.26 -0.04 0.00	33.28 -0.10 0.00
GOWANUS_GT1_1 24077	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 -2.10 0.00
GOWANUS_GT1_2 24078	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 -2.10 0.00
GOWANUS_GT1_3 24079	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 -2.10 0.00
GOWANUS_GT1_4 24080	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 -2.10 0.00
GOWANUS_GT1_5 24084	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31																		

GOWANUS_GT2_5 24118	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
GOWANUS_GT2_6 24119	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
GOWANUS_GT2_7 24120	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
GOWANUS_GT2_8 24121	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
GOWANUS_GT3_1 24122	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
GOWANUS_GT3_2 24123	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
GOWANUS_GT3_3 24124	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
GOWANUS_GT3_4 24125	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1																		

GOWANUS_GT4_4 24133	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 2.10 0.00
GOWANUS_GT4_5 24134	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 2.10 0.00
GOWANUS_GT4_6 24135	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 2.10 0.00
GOWANUS_GT4_7 24136	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 2.10 0.00
GOWANUS_GT4_8 24137	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 2.10 0.00
GREENBSH_115KV_TB3 55895	35.40 0.69 0.00	32.73 0.77 0.00	31.00 0.76 0.00	29.39 0.69 0.00	30.72 0.72 0.00	33.24 0.75 0.00	43.61 0.47 0.00	44.41 0.40 0.00	39.95 0.55 0.00	42.24 0.67 0.00	40.20 0.67 0.00	37.71 0.70 0.00	37.76 0.56 0.00	36.91 0.62 0.00	34.00 0.63 0.00	34.60 0.71 0.00	36.73 0.72 0.00	38.82 0.80 0.00	41.90 0.82 0.00	49.02 0.82 0.00	52.65 0.73 0.00	44.31 0.70 0.00	35.96 0.67 0.00	34.18 0.80 0.00
GREENDGE_115KV_TB5 80291	34.63 -0.07 0.00	31.49 -0.48 0.00	29.73 -0.51 0.00	28.24 -0.46 0.00	29.46 -0.54 0.00	32.07 -0.42 0.00	43.36 0.22 0.00	43.97 -0.04 0.00	39.20 -0.24 -0.04	49.25 -0.37 -8.05	41.68 -0.59 -2.74	36.31 -0.74 -0.04	36.49 -0.71 0.00	35.60 -0.69 0.00	32.43 -0.93 0.00	33.01 -0.88 0.00	35.11 -0.90 0.00	37.20 -0.84 -0.02	40.71 -0.41 -0.04	47.95 -0.29 -0.04	51.97 0.05 0.00	43.61 0.00 0.00	34.94 -0.35 0.00	32.87 -0.50 0.00
GREENIDGE___3 23582	34.63 -0.07 0.00	31.49 -0.48 0.00	29.73 -0.51 0.00	28.24 -0.46 0.00	29.46 -0.54 0.00	32.07 -0.42 0.00	43.36 0.22 0.00	43.97 -0.04 0.00	39.20 -0.24 -0.04	49.25 -0.37 -8.05	41.68 -0.59 -2.74	36.31 -0.74 -0.04	36.49 -0.71 0.00	35.60 -0.69 0.00	32.43 -0.93 0.00	33.01 -0.88 0.00	35.11 -0.90 0.00	37.20 -0.84 -0.02	40.71 -0.41 -0.04	47.95 -0.29 -0.04	51.97 0.05 0.00	43.61 0.00 0.00	34.94 -0.35 0.00	32.87 -0.50 0.00
GREENIDGE___4 23583	34.70 0.00 0.00	31.36 -0.61 0.00	29.64 -0.60 0.00	28.15 -0.55 0.00	29.46 -0.54 0.00	32.14 -0.36 0.00	43.40 0.26 0.00	43.97 -0.04 0.00	39.20 -0.23 -0.04	49.25 -0.37 -8.05	41.68 -0.59 -2.75	36.34 -0.70 -0.04	36.49 -0.71 0.00	35.60 -0.69 0.00	32.57 -0.80 0.00	33.25 -0.65 0.00	35.14 -0.86 0.00	37.28 -0.76 -0.02	40.71 -0.41 -0.04	47.95 -0.29 -0.04	51.92 0.00 0.00	43.61 0.00 0.00	34.98 -0.32 0.00	32.94 -0.43 0.00
GREENLWN_69_KV_BK 3 55738	31.54 2.43 5.59	30.41 2.37 3.92	28.96 2.18 3.47	26.94 2.07 3.83	27.81 2.19 4.38	29.52 2.24 5.21	42.83 3.15 3.46	43.93 3.17 3.26	47.36 2.95 -5.01	47.26 3.33 -2.36	47.23 3.24 -4.46	47.20 3.00 -7.20	47.39 2.94 -7.25	47.42 2.98 -8.15	48.85 3.00 -12.47	46.64 3.08 -9.66	46.96 3.20 -7.75	47.12 3.50 -5.60	46.91 3.45 -2.39	44.48 3.76 7.48	44.68 3.63 10.87	42.83 3.31 4.10	32.62 2.72 5.40	31.15 2.44 4.66
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 2.10 0.00
GRISSOM___SOLAR 323813	36.13 1.42 0.00	33.37 1.40 0.00	31.52 1.27 0.00	29.90 1.21 0.00	31.29 1.29 0.00	33.92 1.43 0.00	45.12 1.99 0.00	45.78 1.76 0.00	40.69 1.30 0.00	42.61 1.04 0.00	40.20 0.67 0.00	37.52 0.52 0.00	37.57 0.37 0.00	36.51 0.22 0.00	33.60 0.24 0.00	34.23 0.34 0.00	36.47 0.47 0.00	38.94 0.91 0.00	42.64 1.56 0.00	50.66 2.46 0.00	54.57 2.65 0.00	45.79 2.18 0.00	36.92 1.62 0.00	34.81 1.43 0.00
GROVEVILLE___HYD 323602	36.51 1.80 0.00	33.72 1.76 0.00	31.94 1.69 0.00	30.25 1.55 0.00	31.62 1.62 0.00	34.15 1.66 0.00	45.43 2.29 0.00	46.35 2.33 0.00	41.68 2.28 0.00	44.15 2.58 0.00	42.13 2.61 0.00	39.37 2.37 0.00	39.47 2.27 0.00	38.65 2.36 0.00	36.63 2.27 -0.99	37.51 2.37 -1.24	38.56 2.56 0.00	40.91 2.89 0.00	44.04 2.96 0.00	51.62 3.42 0.00	55.30 3.37 0.00	46.44 2.83 0.00	37.45 2.15 0.00	35.24 1.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.53 -0.17 0.00	31.71 -0.26 0.00	29.97 -0.27 0.00	28.44 -0.26 0.00	29.73 -0.27 0.00	32.27 -0.23 0.00	43.05 -0.09 0.00	43.93 -0.09 0.00	39.28 -0.12 0.00	41.41 -0.17 0.00	39.29 -0.24 0.00	36.75 -0.26 0.00	37.01 -0.19 0.00	36.07 -0.22 0.00	33.07 -0.30 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.64 -0.38 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.39 -0.22 0.00	35.08 -0.21 0.00	33.18 -0.20 0.00
HAMLTNNY_34_KV_TB 80303	34.56 -0.14 0.00	31.71 -0.26 0.00	29.97 -0.27 0.00	28.44 -0.26 0.00	29.73 -0.27 0.00	32.27 -0.23 0.00	43.14 0.00 0.00	43.97 -0.04 0.00	39.28 -0.12 0.00	41.37 -0.21 0.00	39.21 -0.32 0.00	36.67 -0.33 0.00	36.94 -0.26 0.00	36.04 -0.25 0.00	33.00 -0.37 0.00	33.55 -0.34 0.00	35.61 -0.40 0.00	37.64 -0.38 0.00	40.79 -0.29 0.00	47.91 -0.29 0.00	51.76 -0.16 0.00	43.48 -0.13 0.00	35.08 -0.21 0.00	33.18 -0.20 0.00

HAMPSHIRE___PAPER_HYD 323593	34.25 -0.45 0.00	31.58 -0.38 0.00	29.76 -0.49 0.00	28.15 -0.55 0.00	29.52 -0.48 0.00	32.17 -0.32 0.00	42.84 -0.30 0.00	43.75 -0.26 0.00	38.73 -0.67 0.00	40.70 -0.88 0.00	38.58 -0.95 0.00	36.04 -0.96 0.00	36.01 -1.19 0.00	34.87 -1.42 0.00	31.94 -1.43 0.00	32.40 -1.49 0.00	34.46 -1.55 0.00	36.58 -1.44 0.00	39.89 -1.19 0.00	47.28 -0.92 0.00	51.30 -0.62 0.00	43.00 -0.61 0.00	34.91 -0.39 0.00	33.01 -0.37 0.00
HARDSCRABBLE_WT_PWR 323673	35.50 0.80 0.00	32.73 0.77 0.00	31.00 0.76 0.00	29.44 0.74 0.00	30.90 0.90 0.00	33.56 1.07 0.00	44.56 1.42 0.00	45.47 1.45 0.00	40.66 1.26 0.00	42.90 1.33 0.00	40.79 1.26 0.00	38.19 1.18 0.00	38.42 1.23 0.00	37.45 1.16 0.00	34.40 1.04 0.00	34.91 1.02 0.00	37.09 1.08 0.00	39.13 1.10 0.00	42.27 1.19 0.00	49.64 1.44 0.00	53.37 1.45 0.00	44.87 1.27 0.00	36.53 1.23 0.00	34.58 1.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.40 1.70 0.00	33.63 1.66 0.00	31.82 1.57 0.00	30.16 1.46 0.00	31.53 1.53 0.00	34.02 1.53 0.00	45.30 2.16 0.00	46.22 2.20 0.00	41.56 2.17 0.00	44.03 2.45 0.00	42.05 2.53 0.00	39.30 2.29 0.00	39.39 2.19 0.00	38.58 2.29 0.00	38.23 2.27 -2.59	39.48 2.34 -3.25	38.53 2.52 0.00	40.88 2.85 0.00	43.95 2.88 0.00	51.57 3.37 0.00	55.24 3.32 0.00	46.36 2.75 0.00	37.34 2.05 0.00	35.14 1.77 0.00
HARSNRAD_115KV_TB1 81005	32.38 -2.33 0.00	28.96 -3.00 0.00	27.31 -2.93 0.00	26.00 -2.70 0.00	27.03 -2.97 0.00	29.34 -3.15 0.00	40.03 -3.11 0.00	40.32 -3.70 0.00	35.71 -3.66 0.02	32.71 -4.03 4.83	33.68 -4.15 1.69	32.99 -4.00 0.02	33.67 -3.53 0.00	32.88 -3.41 0.00	29.70 -3.67 0.00	30.06 -3.83 0.00	32.08 -3.92 0.00	33.83 -4.18 0.01	36.82 -4.23 0.02	42.97 -5.21 0.02	47.20 -4.72 0.00	39.90 -3.71 0.00	31.98 -3.32 0.00	29.87 -3.50 0.00
HARZA MOOSE___RIVER 24016	35.09 0.38 0.00	32.32 0.35 0.00	30.40 0.15 0.00	28.70 0.00 0.00	30.18 0.18 0.00	32.88 0.39 0.00	43.92 0.78 0.00	44.81 0.79 0.00	39.79 0.39 0.00	41.86 0.29 0.00	39.64 0.12 0.00	37.01 0.00 0.00	37.16 -0.04 0.00	36.07 -0.22 0.00	33.14 -0.23 0.00	33.59 -0.31 0.00	35.75 -0.25 0.00	37.99 -0.04 0.00	41.37 0.29 0.00	49.02 0.82 0.00	52.96 1.04 0.00	44.44 0.83 0.00	35.93 0.64 0.00	33.88 0.50 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.32 -0.38 0.00	31.52 -0.45 0.00	29.79 -0.45 0.00	28.27 -0.43 0.00	29.55 -0.45 0.00	32.04 -0.45 0.00	42.75 -0.39 0.00	43.62 -0.40 0.00	39.00 -0.39 0.00	41.12 -0.46 0.00	39.05 -0.47 0.00	36.53 -0.48 0.00	36.75 -0.45 0.00	35.86 -0.44 0.00	32.87 -0.50 0.00	33.38 -0.51 0.00	35.47 -0.54 0.00	37.42 -0.61 0.00	40.46 -0.62 0.00	47.48 -0.72 0.00	51.30 -0.62 0.00	43.04 -0.57 0.00	34.80 -0.49 0.00	32.94 -0.43 0.00
HELLGATE_13_KV_LD 55870	36.79 2.08 0.00	34.11 2.14 -0.01	32.31 2.06 -0.01	30.63 1.92 -0.01	32.02 2.01 -0.01	34.28 1.79 0.00	45.56 2.42 0.00	46.66 2.64 0.00	42.00 2.60 0.00	44.57 2.99 0.00	42.61 3.08 0.00	39.78 2.78 0.00	39.91 2.72 0.00	39.12 2.83 0.00	37.36 2.77 -1.22	38.27 2.85 -1.53	39.07 3.06 0.00	41.45 3.42 0.00	44.45 3.37 0.00	52.01 3.81 0.00	55.66 3.74 0.00	46.70 3.10 0.00	37.66 2.36 0.00	35.38 2.00 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.79 2.08 0.00	34.11 2.14 -0.01	32.31 2.06 -0.01	30.63 1.92 -0.01	32.02 2.01 -0.01	34.28 1.79 0.00	45.56 2.42 0.00	46.66 2.64 0.00	42.00 2.60 0.00	44.57 2.99 0.00	42.61 3.08 0.00	39.78 2.78 0.00	39.91 2.72 0.00	39.12 2.83 0.00	37.36 2.77 -1.22	38.27 2.85 -1.53	39.07 3.06 0.00	41.45 3.42 0.00	44.45 3.37 0.00	52.01 3.81 0.00	55.66 3.74 0.00	46.70 3.10 0.00	37.66 2.36 0.00	35.38 2.00 0.00
HEMPSTEAD___ 23647	37.04 2.33 -0.01	34.27 2.30 0.00	32.39 2.15 0.00	30.74 2.04 0.00	32.13 2.13 0.00	34.67 2.18 0.00	46.22 3.06 -0.01	47.24 3.21 -0.01	53.94 2.96 -11.59	52.04 3.37 -7.10	52.78 3.32 -9.93	53.10 3.04 -13.06	52.98 2.98 -12.80	53.43 3.08 -14.05	53.32 3.04 -16.92	50.43 3.15 -13.38	53.37 3.53 -13.84	53.29 3.77 -11.50	53.38 3.65 -8.65	52.31 4.09 -0.01	56.14 4.20 -0.01	52.33 3.58 -5.15	38.15 2.75 -0.10	35.79 2.40 -0.01
HICKLING___1 23621	34.50 -0.21 0.00	31.29 -0.67 0.00	29.52 -0.73 0.00	28.07 -0.63 0.00	29.25 -0.75 0.00	31.84 -0.65 0.00	43.10 -0.04 0.00	43.58 -0.44 0.00	38.98 -0.43 -0.01	44.07 -0.37 -2.87	40.08 -0.47 -1.03	36.35 -0.67 -0.01	36.42 -0.78 0.00	35.53 -0.76 0.00	32.37 -1.00 0.00	32.91 -0.98 0.00	34.96 -1.04 0.00	37.00 -1.03 -0.01	40.44 -0.66 -0.01	47.64 -0.58 -0.01	51.61 -0.31 0.00	43.39 -0.22 0.00	34.66 -0.64 0.00	32.64 -0.73 0.00
HICKLING___2 23622	34.50 -0.21 0.00	31.29 -0.67 0.00	29.52 -0.73 0.00	28.07 -0.63 0.00	29.25 -0.75 0.00	31.84 -0.65 0.00	43.10 -0.04 0.00	43.58 -0.44 0.00	38.98 -0.43 -0.01	44.07 -0.37 -2.87	40.08 -0.47 -1.03	36.35 -0.67 -0.01	36.42 -0.78 0.00	35.53 -0.76 0.00	32.37 -1.00 0.00	32.91 -0.98 0.00	34.96 -1.04 0.00	37.00 -1.03 -0.01	40.44 -0.66 -0.01	47.64 -0.58 -0.01	51.61 -0.31 0.00	43.39 -0.22 0.00	34.66 -0.64 0.00	32.64 -0.73 0.00
HIGH FALLS___HY 23754	36.61 1.91 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.28 1.58 0.00	31.68 1.68 0.00	34.18 1.69 0.00	45.60 2.46 0.00	46.53 2.51 0.00	41.80 2.40 0.00	44.19 2.62 0.00	42.17 2.65 0.00	39.37 2.37 0.00	39.47 2.27 0.00	38.65 2.36 0.00	36.31 2.30 -0.64	37.10 2.41 -0.80	38.63 2.63 0.00	41.10 3.08 0.00	44.24 3.16 0.00	51.96 3.76 0.00	55.71 3.79 0.00	46.70 3.10 0.00	37.62 2.33 0.00	35.34 1.97 0.00
HIGH_RIVER___SOLAR 323847	35.78 1.08 0.00	33.05 1.09 0.00	31.24 1.00 0.00	29.64 0.95 0.00	30.99 0.99 0.00	33.56 1.07 0.00	44.56 1.42 0.00	45.29 1.28 0.00	40.38 0.99 0.00	42.40 0.83 0.00	40.12 0.59 0.00	37.52 0.52 0.00	37.72 0.52 0.00	36.73 0.44 0.00	33.84 0.47 0.00	34.43 0.54 0.00	36.73 0.72 0.00	39.05 1.03 0.00	42.43 1.35 0.00	50.08 1.88 0.00	53.89 1.97 0.00	45.22 1.61 0.00	36.53 1.23 0.00	34.48 1.10 0.00
HILLBURN___GT 23639	36.30 1.60 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.47 1.47 0.00	33.96 1.46 0.00	45.25 2.11 0.00	46.26 2.24 0.00	41.56 2.17 0.00	44.07 2.49 0.00	42.13 2.61 0.00	39.34 2.33 0.00	39.47 2.27 0.00	38.69 2.39 0.00	38.32 2.37 -2.58	39.61 2.47 -3.24	38.82 2.81 0.00	41.10 3.08 0.00	44.04 2.96 0.00	51.52 3.32 0.00	55.35 3.43 0.00	46.44 2.83 0.00	37.34 2.05 0.00	35.11 1.73 0.00
HILLSIDE_115KV_TB1 80332	34.15 -0.56 0.00	30.97 -0.99 0.00	29.25 -1.00 0.00	27.81 -0.89 0.00	28.98 -1.02 0.00	31.52 -0.97 0.00	42.62 -0.52 0.00	43.05 -0.97 0.00	38.58 -0.83 -0.01	42.87 -0.79 -2.08	39.46 -0.83 -0.76	36.02 -1.00 -0.01	36.05 -1.15 0.00	35.17 -1.13 0.00	32.13 -1.23 0.00	32.64 -1.25 0.00	34.71 -1.30 0.00	36.70 -1.33 0.00	40.02 -1.07 -0.01	47.10 -1.11 -0.01	50.99 -0.93 0.00	42.87 -0.74 0.00	34.27 -1.02 0.00	32.31 -1.07 0.00

HISHELDN_WT_PWR 323625	33.11 -1.60 0.00	29.34 -2.62 0.00	27.74 -2.51 0.00	26.37 -2.32 0.00	27.60 -2.40 0.00	30.09 -2.40 0.00	41.03 -2.11 0.00	41.20 -2.82 0.00	36.61 -2.72 0.07	24.56 -2.95 14.06	31.85 -3.04 4.63	34.05 -2.89 0.07	34.34 -2.86 0.00	33.57 -2.72 0.00	30.70 -2.67 0.00	31.42 -2.47 0.00	33.02 -2.99 0.00	34.84 -3.16 0.03	37.85 -3.16 0.07	44.52 -3.62 0.07	48.60 -3.32 0.00	40.99 -2.62 0.00	32.86 -2.43 0.00	30.74 -2.64 0.00
HOLTSVILLE_IC_1 23690	63.72 2.74 -26.28	53.03 2.69 -18.38	49.00 2.48 -16.27	49.00 2.35 -17.95	53.00 2.46 -20.54	59.50 2.57 -24.44	62.99 3.58 -16.28	63.04 3.70 -15.33	66.41 3.39 -23.63	63.18 3.82 -17.79	62.64 3.68 -19.44	59.73 3.37 -19.36	58.57 3.31 -18.06	58.58 3.38 -18.91	49.00 3.37 -12.26	49.00 3.52 -11.58	59.73 3.81 -19.91	62.61 4.07 -20.51	69.00 3.94 -23.98	87.64 4.29 -35.15	107.34 4.36 -51.05	87.69 3.93 -40.16	64.16 3.14 -25.73	58.06 2.77 -21.91
HOLTSVILLE_IC_10 23699	66.01 2.92 -28.39	54.64 2.81 -19.86	50.43 2.60 -17.58	50.56 2.47 -19.39	54.77 2.58 -22.19	61.59 2.70 -26.41	64.52 3.80 -17.58	64.49 3.92 -16.56	67.90 3.58 -24.92	64.45 4.03 -18.84	63.89 3.88 -20.49	60.79 3.55 -20.23	59.54 3.50 -18.85	59.55 3.56 -19.70	49.23 3.54 -12.33	49.36 3.69 -11.77	60.83 4.03 -20.79	63.88 4.30 -21.56	70.73 4.19 -25.46	90.70 4.53 -37.98	111.75 4.67 -55.15	90.87 4.14 -43.11	66.40 3.32 -27.79	59.99 2.94 -23.67
HOLTSVILLE_IC_2 23691	63.72 2.74 -26.28	53.03 2.69 -18.38	49.00 2.48 -16.27	49.00 2.35 -17.95	53.00 2.46 -20.54	59.50 2.57 -24.44	62.99 3.58 -16.28	63.04 3.70 -15.33	66.41 3.39 -23.63	63.18 3.82 -17.79	62.64 3.68 -19.44	59.73 3.37 -19.36	58.57 3.31 -18.06	58.58 3.38 -18.91	49.00 3.37 -12.26	49.00 3.52 -11.58	59.73 3.81 -19.91	62.61 4.07 -20.51	69.00 3.94 -23.98	87.64 4.29 -35.15	107.34 4.36 -51.05	87.69 3.93 -40.16	64.16 3.14 -25.73	58.06 2.77 -21.91
HOLTSVILLE_IC_3 23692	63.72 2.74 -26.28	53.03 2.69 -18.38	49.00 2.48 -16.27	49.00 2.35 -17.95	53.00 2.46 -20.54	59.50 2.57 -24.44	62.99 3.58 -16.28	63.04 3.70 -15.33	66.41 3.39 -23.63	63.18 3.82 -17.79	62.64 3.68 -19.44	59.73 3.37 -19.36	58.57 3.31 -18.06	58.58 3.38 -18.91	49.00 3.37 -12.26	49.00 3.52 -11.58	59.73 3.81 -19.91	62.61 4.07 -20.51	69.00 3.94 -23.98	87.64 4.29 -35.15	107.34 4.36 -51.05	87.69 3.93 -40.16	64.16 3.14 -25.73	58.06 2.77 -21.91
HOLTSVILLE_IC_4 23693	63.72 2.74 -26.28	53.03 2.69 -18.38	49.00 2.48 -16.27	49.00 2.35 -17.95	53.00 2.46 -20.54	59.50 2.57 -24.44	62.99 3.58 -16.28	63.04 3.70 -15.33	66.41 3.39 -23.63	63.18 3.82 -17.79	62.64 3.68 -19.44	59.73 3.37 -19.36	58.57 3.31 -18.06	58.58 3.38 -18.91	49.00 3.37 -12.26	49.00 3.52 -11.58	59.73 3.81 -19.91	62.61 4.07 -20.51	69.00 3.94 -23.98	87.64 4.29 -35.15	107.34 4.36 -51.05	87.69 3.93 -40.16	64.16 3.14 -25.73	58.06 2.77 -21.91
HOLTSVILLE_IC_5 23694	63.72 2.74 -26.28	53.03 2.69 -18.38	49.00 2.48 -16.27	49.00 2.35 -17.95	53.00 2.46 -20.54	59.50 2.57 -24.44	62.99 3.58 -16.28	63.04 3.70 -15.33	66.41 3.39 -23.63	63.18 3.82 -17.79	62.64 3.68 -19.44	59.73 3.37 -19.36	58.57 3.31 -18.06	58.58 3.38 -18.91	49.00 3.37 -12.26	49.00 3.52 -11.58	59.73 3.81 -19.91	62.61 4.07 -20.51	69.00 3.94 -23.98	87.64 4.29 -35.15	107.34 4.36 -51.05	87.69 3.93 -40.16	64.16 3.14 -25.73	58.06 2.77 -21.91
HOLTSVILLE_IC_6 23695	66.01 2.92 -28.39	54.64 2.81 -19.86	50.43 2.60 -17.58	50.56 2.47 -19.39	54.77 2.58 -22.19	61.59 2.70 -26.41	64.52 3.80 -17.58	64.49 3.92 -16.56	67.90 3.58 -24.92	64.45 4.03 -18.84	63.89 3.88 -20.49	60.79 3.55 -20.23	59.54 3.50 -18.85	59.55 3.56 -19.70	49.23 3.54 -12.33	49.36 3.69 -11.77	60.83 4.03 -20.79	63.88 4.30 -21.56	70.73 4.19 -25.46	90.70 4.53 -37.98	111.75 4.67 -55.15	90.87 4.14 -43.11	66.40 3.32 -27.79	59.99 2.94 -23.67
HOLTSVILLE_IC_7 23696	66.01 2.92 -28.39	54.64 2.81 -19.86	50.43 2.60 -17.58	50.56 2.47 -19.39	54.77 2.58 -22.19	61.59 2.70 -26.41	64.52 3.80 -17.58	64.49 3.92 -16.56	67.90 3.58 -24.92	64.45 4.03 -18.84	63.89 3.88 -20.49	60.79 3.55 -20.23	59.54 3.50 -18.85	59.55 3.56 -19.70	49.23 3.54 -12.33	49.36 3.69 -11.77	60.83 4.03 -20.79	63.88 4.30 -21.56	70.73 4.19 -25.46	90.70 4.53 -37.98	111.75 4.67 -55.15	90.87 4.14 -43.11	66.40 3.32 -27.79	59.99 2.94 -23.67
HOLTSVILLE_IC_8 23697	66.01 2.92 -28.39	54.64 2.81 -19.86	50.43 2.60 -17.58	50.56 2.47 -19.39	54.77 2.58 -22.19	61.59 2.70 -26.41	64.52 3.80 -17.58	64.49 3.92 -16.56	67.90 3.58 -24.92	64.45 4.03 -18.84	63.89 3.88 -20.49	60.79 3.55 -20.23	59.54 3.50 -18.85	59.55 3.56 -19.70	49.23 3.54 -12.33	49.36 3.69 -11.77	60.83 4.03 -20.79	63.88 4.30 -21.56	70.73 4.19 -25.46	90.70 4.53 -37.98	111.75 4.67 -55.15	90.87 4.14 -43.11	66.40 3.32 -27.79	59.99 2.94 -23.67
HOLTSVILLE_IC_9 23698	66.01 2.92 -28.39	54.64 2.81 -19.86	50.43 2.60 -17.58	50.56 2.47 -19.39	54.77 2.58 -22.19	61.59 2.70 -26.41	64.52 3.80 -17.58	64.49 3.92 -16.56	67.90 3.58 -24.92	64.45 4.03 -18.84	63.89 3.88 -20.49	60.79 3.55 -20.23	59.54 3.50 -18.85	59.55 3.56 -19.70	49.23 3.54 -12.33	49.36 3.69 -11.77	60.83 4.03 -20.79	63.88 4.30 -21.56	70.73 4.19 -25.46	90.70 4.53 -37.98	111.75 4.67 -55.15	90.87 4.14 -43.11	66.40 3.32 -27.79	59.99 2.94 -23.67
HOMER_HL_115KV_TB2 355744	33.28 -1.42 0.00	29.95 -2.01 0.00	28.22 -2.03 0.00	26.89 -1.81 0.00	27.99 -2.01 0.00	30.45 -2.05 0.00	41.59 -1.55 0.00	41.77 -2.24 0.00	38.03 -1.34 0.02	35.66 -0.83 5.08	37.13 -0.99 1.40	35.39 -1.59 0.02	34.71 -2.49 0.00	33.90 -2.40 0.00	30.80 -2.57 0.00	31.25 -2.64 0.00	33.31 -2.70 0.00	35.24 -2.78 0.01	38.59 -2.46 0.02	45.72 -2.46 0.02	49.38 -2.54 0.00	41.60 -2.01 0.00	33.11 -2.19 0.00	31.07 -2.30 0.00
HOWARD_WT_PWR 323690	33.97 -0.73 0.00	30.34 -1.63 0.00	28.61 -1.63 0.00	27.15 -1.55 0.00	28.32 -1.68 0.00	30.97 -1.53 0.00	42.10 -1.04 0.00	42.52 -1.50 0.00	38.00 -1.50 -0.10	60.09 -1.62 -20.14	44.76 -1.70 -6.94	35.33 -1.78 -0.10	35.41 -1.78 0.00	34.62 -1.67 0.00	31.67 -1.70 0.00	32.47 -1.42 0.00	34.21 -1.80 0.00	36.32 -1.75 -0.04	39.82 -1.35 -0.10	47.00 -1.30 -0.10	51.09 -0.83 0.00	42.96 -0.65 0.00	34.34 -0.95 0.00	32.14 -1.23 0.00
HQ_GEN_CEDARS 23644	34.74 0.03 0.00	32.03 0.06 0.00	30.34 0.09 0.00	28.81 0.11 0.00	30.09 0.09 0.00	32.65 0.16 0.00	43.27 0.13 0.00	44.24 0.22 0.00	39.40 0.00 0.00	41.49 -0.08 0.00	39.41 -0.12 0.00	36.97 -0.04 0.00	37.12 -0.07 0.00	36.15 -0.15 0.00	33.17 -0.20 0.00	33.66 -0.24 0.00	35.72 -0.29 0.00	37.72 -0.30 0.00	40.87 -0.21 0.00	48.10 -0.10 0.00	51.82 -0.10 0.00	43.48 -0.13 0.00	35.22 -0.07 0.00	33.28 -0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	34.74 0.03 0.00	32.03 0.06 0.00	30.34 0.09 0.00	28.81 0.12 0.00	30.09 0.09 0.00	32.66 0.16 0.00	43.27 0.13 0.00	44.24 0.22 0.00	39.40 0.00 0.00	41.49 -0.08 0.00	39.41 -0.12 0.00	36.97 -0.04 0.00	37.12 -0.07 0.00	36.15 -0.14 0.00	33.17 -0.20 0.00	33.66 -0.24 0.00	35.72 -0.29 0.00	37.72 -0.31 0.00	40.87 -0.20 0.00	48.10 -0.10 0.00	51.82 -0.10 0.00	43.48 -0.13 0.00	35.22 -0.07 0.00	33.28 -0.10 0.00

HQ_GEN_CHPE_PROXY 323851	36.44 1.73 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.42 2.28 0.00	46.52 2.51 0.00	41.80 2.40 0.00	44.40 2.83 0.00	42.41 2.88 0.00	39.60 2.59 0.00	39.76 2.56 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.17 2.74 -1.53	39.18 3.17 0.00	41.41 3.38 0.00	44.32 3.24 0.00	51.77 3.57 0.00	55.61 3.69 0.00	46.62 3.01 0.00	37.48 2.19 0.00	35.21 1.83 0.00
HQ_GEN_IMPORT 323601	34.70 0.00 0.00	32.00 0.03 0.00	30.28 0.03 0.00	28.73 0.03 0.00	30.03 0.03 0.00	32.53 0.03 0.00	43.18 0.04 0.00	44.06 0.04 0.00	39.40 0.00 0.00	41.57 0.00 0.00	39.53 0.00 0.00	37.01 0.00 0.00	37.20 0.00 0.00	36.29 0.00 0.00	33.34 -0.03 0.00	33.86 -0.03 0.00	35.97 -0.04 0.00	37.99 -0.04 0.00	41.08 0.00 0.00	48.20 0.00 0.00	51.92 0.00 0.00	43.61 0.00 0.00	35.29 0.00 0.00	33.34 -0.03 0.00
HQ_GEN_WHEEL 23651	34.70 0.00 0.00	32.00 0.03 0.00	30.28 0.03 0.00	28.73 0.03 0.00	30.03 0.03 0.00	32.53 0.03 0.00	43.18 0.04 0.00	44.06 0.04 0.00	39.40 0.00 0.00	41.57 0.00 0.00	39.53 0.00 0.00	37.01 0.00 0.00	37.20 0.00 0.00	36.29 0.00 0.00	33.34 -0.03 0.00	33.86 -0.03 0.00	35.97 -0.04 0.00	37.99 -0.04 0.00	41.08 0.00 0.00	48.20 0.00 0.00	51.92 0.00 0.00	43.61 0.00 0.00	35.29 0.00 0.00	33.34 -0.03 0.00
HUDSON AVE_GT_3 23810	36.65 1.94 0.00	33.88 1.92 0.00	32.09 1.85 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.18 1.69 0.00	45.64 2.50 0.00	46.66 2.64 0.00	41.96 2.56 0.00	44.53 2.95 0.00	42.57 3.04 0.00	39.74 2.74 0.00	39.88 2.68 0.00	39.08 2.79 0.00	37.32 2.74 -1.22	38.24 2.81 -1.53	38.99 2.99 0.00	41.37 3.35 0.00	44.41 3.33 0.00	51.96 3.76 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.59 2.29 0.00	35.31 1.94 0.00
HUDSON AVE_GT_4 23540	36.65 1.94 0.00	33.88 1.92 0.00	32.09 1.85 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.18 1.69 0.00	45.64 2.50 0.00	46.66 2.64 0.00	41.96 2.56 0.00	44.53 2.95 0.00	42.57 3.04 0.00	39.74 2.74 0.00	39.88 2.68 0.00	39.08 2.79 0.00	37.32 2.74 -1.22	38.24 2.81 -1.53	38.99 2.99 0.00	41.37 3.35 0.00	44.41 3.33 0.00	51.96 3.76 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.59 2.29 0.00	35.31 1.94 0.00
HUDSON AVE_GT_5 23657	36.65 1.94 0.00	33.88 1.92 0.00	32.09 1.85 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.18 1.69 0.00	45.64 2.50 0.00	46.66 2.64 0.00	41.96 2.56 0.00	44.53 2.95 0.00	42.57 3.04 0.00	39.74 2.74 0.00	39.88 2.68 0.00	39.08 2.79 0.00	37.32 2.74 -1.22	38.24 2.81 -1.53	38.99 2.99 0.00	41.37 3.35 0.00	44.41 3.33 0.00	51.96 3.76 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.59 2.29 0.00	35.31 1.94 0.00
HUDSON_AVE_10 24168	36.47 1.77 0.01	33.72 1.76 0.00	31.94 1.69 0.00	30.28 1.58 0.00	31.65 1.65 0.00	34.01 1.53 0.01	45.43 2.29 0.00	46.44 2.42 0.00	41.76 2.36 0.00	44.32 2.74 0.00	42.37 2.85 0.00	39.56 2.55 0.00	39.69 2.49 0.00	38.90 2.61 0.00	37.16 2.57 -1.22	38.07 2.64 -1.53	38.85 2.84 0.00	41.22 3.19 0.00	44.24 3.16 0.00	51.77 3.57 0.00	55.50 3.58 0.00	46.49 2.88 0.00	37.41 2.12 0.00	35.14 1.77 0.01
HUDSON___115KV_TB 4 355613	35.95 1.25 0.00	33.24 1.28 0.00	31.46 1.21 0.00	29.82 1.12 0.00	31.17 1.17 0.00	33.76 1.27 0.00	44.43 1.29 0.00	45.20 1.19 0.00	40.54 1.14 0.00	42.70 1.12 0.00	40.47 0.95 0.00	37.93 0.93 0.00	37.98 0.78 0.00	37.09 0.80 0.00	34.17 0.80 0.00	34.81 0.92 0.00	37.05 1.04 0.00	39.32 1.29 0.00	42.64 1.56 0.00	50.08 1.88 0.00	53.79 1.87 0.00	45.22 1.61 0.00	36.64 1.34 0.00	34.71 1.34 0.00
HUNTER MOUNT___DRP 323613	36.06 1.35 0.00	33.31 1.34 0.00	31.52 1.27 0.00	29.87 1.18 0.00	31.23 1.23 0.00	33.86 1.36 0.00	44.61 1.47 0.00	45.34 1.32 0.00	40.62 1.22 0.00	42.78 1.21 0.00	40.51 0.99 0.00	37.93 0.93 0.00	37.94 0.74 0.00	37.09 0.80 0.00	34.45 0.80 -0.28	35.19 0.95 -0.35	37.09 1.08 0.00	39.39 1.37 0.00	42.76 1.68 0.00	50.27 2.07 0.00	53.95 2.02 0.00	45.40 1.79 0.00	36.78 1.48 0.00	34.81 1.44 0.00
HUNTINGTON_RES_REC 323705	17.59 2.53 19.65	20.70 2.49 13.75	20.37 2.30 12.18	17.45 2.18 13.43	16.91 2.28 15.37	16.58 2.37 18.29	34.30 3.32 12.16	36.00 3.44 11.45	39.19 3.15 3.36	40.61 3.58 4.54	40.68 3.44 2.28	41.84 3.18 -1.65	42.63 3.13 -2.30	42.66 3.16 -3.21	48.93 3.20 -12.35	45.90 3.36 -8.65	41.88 3.67 -2.20	40.80 3.92 1.14	37.56 3.74 7.26	25.91 4.00 26.28	17.79 4.05 38.18	23.59 3.66 23.68	19.14 2.97 19.12	19.60 2.60 16.38
HUNTLEY___63 23557	32.93 -1.77 0.00	29.50 -2.46 0.00	27.80 -2.45 0.00	26.46 -2.24 0.00	27.54 -2.46 0.00	29.86 -2.63 0.00	40.81 -2.33 0.00	41.07 -2.95 0.00	36.53 -2.84 0.03	33.03 -3.08 5.47	34.49 -3.32 1.72	33.76 -3.22 0.03	34.22 -2.98 0.00	33.42 -2.87 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.48 -3.54 0.01	37.56 -3.49 0.03	43.93 -4.24 0.03	48.18 -3.74 0.00	40.69 -2.92 0.00	32.58 -2.72 0.00	30.41 -2.97 0.00
HUNTLEY___64 23558	32.93 -1.77 0.00	29.50 -2.46 0.00	27.80 -2.45 0.00	26.46 -2.24 0.00	27.54 -2.46 0.00	29.86 -2.63 0.00	40.81 -2.33 0.00	41.07 -2.95 0.00	36.53 -2.84 0.03	33.03 -3.08 5.47	34.49 -3.32 1.72	33.76 -3.22 0.03	34.22 -2.98 0.00	33.42 -2.87 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.48 -3.54 0.01	37.56 -3.49 0.03	43.93 -4.24 0.03	48.18 -3.74 0.00	40.69 -2.92 0.00	32.58 -2.72 0.00	30.41 -2.97 0.00
HUNTLEY___65 23559	32.93 -1.77 0.00	29.50 -2.46 0.00	27.80 -2.45 0.00	26.46 -2.24 0.00	27.54 -2.46 0.00	29.86 -2.63 0.00	40.81 -2.33 0.00	41.07 -2.95 0.00	36.53 -2.84 0.03	33.03 -3.08 5.47	34.49 -3.32 1.72	33.76 -3.22 0.03	34.22 -2.98 0.00	33.42 -2.87 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.48 -3.54 0.01	37.56 -3.49 0.03	43.93 -4.24 0.03	48.18 -3.74 0.00	40.69 -2.92 0.00	32.58 -2.72 0.00	30.41 -2.97 0.00
HUNTLEY___66 23560	32.93 -1.77 0.00	29.50 -2.46 0.00	27.80 -2.45 0.00	26.46 -2.24 0.00	27.54 -2.46 0.00	29.86 -2.63 0.00	40.81 -2.33 0.00	41.07 -2.95 0.00	36.53 -2.84 0.03	33.03 -3.08 5.47	34.49 -3.32 1.72	33.76 -3.22 0.03	34.22 -2.98 0.00	33.42 -2.87 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.48 -3.54 0.01	37.56 -3.49 0.03	43.93 -4.24 0.03	48.18 -3.74 0.00	40.69 -2.92 0.00	32.58 -2.72 0.00	30.41 -2.97 0.00
HUNTLEY___67 23561	32.55 -2.15 0.00	29.15 -2.81 0.00	27.46 -2.78 0.00	26.14 -2.55 0.00	27.18 -2.82 0.00	29.50 -2.99 0.00	40.25 -2.89 0.00	40.54 -3.48 0.00	36.02 -3.35 0.03	31.78 -3.74 6.05	33.88 -3.83 1.81	33.35 -3.63 0.03	33.93 -3.27 0.00	33.13 -3.16 0.00	29.93 -3.44 0.00	30.33 -3.56 0.00	32.37 -3.64 0.00	34.13 -3.88 0.01	37.15 -3.90 0.03	43.30 -4.87 0.03	47.51 -4.41 0.00	40.16 -3.45 0.00	32.19 -3.11 0.00	30.07 -3.30 0.00

HUNTLEY___68 23562	32.55 -2.15 0.00	29.15 -2.81 0.00	27.46 -2.78 0.00	26.14 -2.55 0.00	27.18 -2.82 0.00	29.50 -2.99 0.00	40.25 -2.89 0.00	40.54 -3.48 0.00	36.02 -3.35 0.03	31.78 -3.74 6.05	33.88 -3.83 1.81	33.35 -3.63 0.03	33.93 -3.27 0.00	33.13 -3.16 0.00	29.93 -3.44 0.00	30.33 -3.56 0.00	32.37 -3.64 0.00	34.13 -3.88 0.01	37.15 -3.90 0.03	43.30 -4.87 0.03	47.51 -4.41 0.00	40.16 -3.45 0.00	32.19 -3.11 0.00	30.07 -3.30 0.00
HYLAND___LFGE 323620	35.29 0.59 0.00	31.55 -0.42 0.00	29.82 -0.42 0.00	28.35 -0.34 0.00	29.76 -0.24 0.00	32.49 0.00 0.00	44.13 0.99 0.00	44.63 0.62 0.00	39.13 -0.36 -0.09	59.10 -1.00 -18.53	44.39 -1.46 -6.33	35.69 -1.41 -0.09	35.75 -1.45 0.00	34.95 -1.34 0.00	31.94 -1.43 0.00	32.78 -1.12 0.00	34.67 -1.33 0.00	37.04 -1.02 -0.04	41.05 -0.12 -0.09	48.72 0.43 -0.09	53.06 1.14 0.00	44.65 1.04 0.00	35.61 0.32 0.00	33.24 -0.13 0.00
INDECK___CORINTH 23802	36.34 1.63 0.00	33.63 1.66 0.00	31.79 1.54 0.00	30.16 1.46 0.00	31.50 1.50 0.00	34.18 1.69 0.00	45.38 2.24 0.00	46.26 2.24 0.00	41.44 2.05 0.00	43.73 2.16 0.00	41.42 1.90 0.00	38.71 1.70 0.00	38.69 1.49 0.00	37.56 1.27 0.00	34.64 1.27 0.00	35.28 1.39 0.00	37.41 1.40 0.00	39.66 1.63 0.00	43.09 2.01 0.00	50.85 2.65 0.00	54.72 2.80 0.00	45.92 2.31 0.00	37.06 1.76 0.00	35.01 1.63 0.00
INDECK___ILION 23567	35.81 1.11 0.00	33.02 1.05 0.00	31.24 1.00 0.00	29.67 0.98 0.00	31.17 1.17 0.00	33.86 1.36 0.00	44.91 1.77 0.00	45.82 1.80 0.00	40.93 1.54 0.00	43.19 1.62 0.00	41.07 1.54 0.00	38.41 1.41 0.00	38.69 1.49 0.00	37.67 1.38 0.00	34.60 1.23 0.00	35.11 1.22 0.00	37.30 1.30 0.00	39.36 1.33 0.00	42.56 1.48 0.00	50.03 1.83 0.00	53.79 1.87 0.00	45.22 1.61 0.00	36.85 1.55 0.00	34.88 1.50 0.00
INDECK___OLEAN 23982	33.39 -1.32 0.00	29.70 -2.27 0.00	28.04 -2.21 0.00	26.72 -1.98 0.00	27.93 -2.07 0.00	30.48 -2.01 0.00	41.67 -1.47 0.00	41.77 -2.24 0.00	38.03 -1.34 0.02	35.66 -0.83 5.08	37.14 -0.99 1.40	35.02 -1.96 0.02	34.71 -2.49 0.00	33.89 -2.40 0.00	31.03 -2.34 0.00	31.72 -2.17 0.00	33.52 -2.48 0.00	35.47 -2.55 0.01	38.42 -2.63 0.02	45.48 -2.70 0.02	49.38 -2.54 0.00	41.60 -2.01 0.00	33.18 -2.12 0.00	31.10 -2.27 0.00
INDECK___OSWEGO 23783	34.04 -0.66 0.00	31.23 -0.73 0.00	29.52 -0.73 0.00	28.01 -0.69 0.00	29.28 -0.72 0.00	31.78 -0.71 0.00	42.28 -0.86 0.00	43.09 -0.93 0.00	38.49 -0.90 0.00	40.58 -1.00 0.00	38.54 -0.99 0.00	36.08 -0.92 0.00	36.27 -0.93 0.00	35.35 -0.94 0.00	32.43 -0.93 0.00	32.91 -0.98 0.00	34.93 -1.08 0.00	36.88 -1.14 0.00	39.89 -1.19 0.00	46.90 -1.30 0.00	50.57 -1.35 0.00	42.47 -1.13 0.00	34.45 -0.85 0.00	32.71 -0.67 0.00
INDECK___YERKES 23781	33.11 -1.60 0.00	29.18 -2.78 0.00	27.58 -2.66 0.00	26.23 -2.47 0.00	27.51 -2.49 0.00	29.96 -2.53 0.00	40.98 -2.16 0.00	41.11 -2.91 0.00	36.53 -2.84 0.03	33.03 -3.08 5.47	34.53 -3.28 1.72	33.95 -3.03 0.03	34.26 -2.94 0.00	33.46 -2.83 0.00	30.53 -2.84 0.00	31.28 -2.61 0.00	32.77 -3.24 0.00	34.59 -3.42 0.01	37.52 -3.53 0.03	44.08 -4.10 0.03	48.13 -3.79 0.00	40.69 -2.92 0.00	32.72 -2.58 0.00	30.51 -2.87 0.00
INDIAN POINT_GT_1 24139	36.37 1.67 0.00	33.63 1.66 0.00	31.82 1.57 0.00	30.16 1.46 0.00	31.53 1.53 0.00	33.99 1.49 0.00	45.25 2.11 0.00	46.22 2.20 0.00	41.52 2.13 0.00	44.03 2.45 0.00	42.09 2.57 0.00	39.34 2.33 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.10 2.30 -1.43	38.06 2.37 -1.79	38.56 2.56 0.00	40.88 2.85 0.00	43.95 2.88 0.00	51.43 3.23 0.00	55.14 3.22 0.00	46.27 2.66 0.00	37.31 2.01 0.00	35.08 1.70 0.00
INDIAN POINT_GT_2 23659	36.37 1.67 0.00	33.63 1.66 0.00	31.82 1.57 0.00	30.16 1.46 0.00	31.53 1.53 0.00	33.99 1.49 0.00	45.25 2.11 0.00	46.22 2.20 0.00	41.52 2.13 0.00	44.03 2.45 0.00	42.09 2.57 0.00	39.34 2.33 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.10 2.30 -1.43	38.06 2.37 -1.79	38.56 2.56 0.00	40.88 2.85 0.00	43.95 2.88 0.00	51.43 3.23 0.00	55.14 3.22 0.00	46.27 2.66 0.00	37.31 2.01 0.00	35.08 1.70 0.00
INDIAN POINT_GT_3 24019	36.37 1.67 0.00	33.63 1.66 0.00	31.82 1.57 0.00	30.16 1.46 0.00	31.53 1.53 0.00	33.99 1.49 0.00	45.25 2.11 0.00	46.22 2.20 0.00	41.52 2.13 0.00	44.03 2.45 0.00	42.09 2.57 0.00	39.34 2.33 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.10 2.30 -1.43	38.06 2.37 -1.79	38.56 2.56 0.00	40.88 2.85 0.00	43.95 2.88 0.00	51.43 3.23 0.00	55.14 3.22 0.00	46.27 2.66 0.00	37.31 2.01 0.00	35.08 1.70 0.00
INDIAN POINT___2 23530	36.27 1.56 0.00	33.56 1.60 0.00	31.76 1.51 0.00	30.13 1.43 0.00	31.47 1.47 0.00	33.92 1.43 0.00	45.17 2.03 0.00	46.22 2.20 0.00	41.52 2.13 0.00	44.03 2.45 0.00	42.09 2.57 0.00	39.30 2.30 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.38 2.34 -1.68	38.44 2.44 -2.11	38.78 2.77 0.00	41.03 3.00 0.00	44.00 2.92 0.00	51.48 3.28 0.00	55.25 3.33 0.00	46.36 2.75 0.00	37.31 2.01 0.00	35.08 1.70 0.00
INDIAN POINT___3 23531	36.33 1.63 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.16 1.46 0.00	31.50 1.50 0.00	33.95 1.46 0.00	45.21 2.07 0.00	46.17 2.16 0.00	41.52 2.13 0.00	43.98 2.41 0.00	42.05 2.53 0.00	39.30 2.29 0.00	39.43 2.23 0.00	38.61 2.32 0.00	37.07 2.27 -1.43	38.03 2.34 -1.80	38.53 2.52 0.00	40.84 2.81 0.00	43.91 2.83 0.00	51.43 3.23 0.00	55.09 3.17 0.00	46.27 2.66 0.00	37.27 1.98 0.00	35.08 1.70 0.00
INDIANHDD_69_KV_BK1 55831	96.56 2.78 -59.08	75.96 2.65 -41.34	69.29 2.45 -36.59	71.39 2.32 -40.36	78.65 2.46 -46.19	89.99 2.53 -54.96	83.31 3.58 -36.59	82.09 3.61 -34.46	85.76 3.35 -43.01	79.11 3.74 -33.80	78.18 3.60 -35.05	72.47 3.33 -32.13	69.88 3.24 -29.44	69.85 3.30 -30.26	49.02 3.30 -12.35	51.07 3.39 -13.79	72.27 3.56 -32.70	77.99 3.88 -36.09	91.32 3.86 -46.38	131.43 4.19 -79.04	170.87 4.15 -114.80	133.17 3.75 -85.81	96.13 3.07 -57.77	85.41 2.77 -49.27
INGHAM_C_115KV_TB7 356103	35.81 1.11 0.00	33.02 1.05 0.00	31.24 1.00 0.00	29.67 0.98 0.00	31.17 1.17 0.00	33.86 1.36 0.00	44.91 1.77 0.00	45.82 1.80 0.00	40.93 1.54 0.00	43.19 1.62 0.00	41.07 1.54 0.00	38.41 1.41 0.00	38.69 1.49 0.00	37.67 1.38 0.00	34.60 1.23 0.00	35.11 1.22 0.00	37.30 1.30 0.00	39.36 1.33 0.00	42.56 1.48 0.00	50.03 1.83 0.00	53.79 1.87 0.00	45.22 1.61 0.00	36.85 1.55 0.00	34.88 1.50 0.00
IP CORINTH___1 23988	36.40 1.70 0.00	33.66 1.69 0.00	31.82 1.57 0.00	30.19 1.49 0.00	31.56 1.56 0.00	34.21 1.72 0.00	45.38 2.24 0.00	46.26 2.24 0.00	41.45 2.05 0.00	43.74 2.16 0.00	41.42 1.90 0.00	38.75 1.74 0.00	38.69 1.49 0.00	37.56 1.27 0.00	34.60 1.23 0.00	35.25 1.36 0.00	37.34 1.33 0.00	39.62 1.60 0.00	43.05 1.97 0.00	50.85 2.65 0.00	54.67 2.75 0.00	45.88 2.27 0.00	37.02 1.73 0.00	35.04 1.67 0.00

IP__TICONDEROGA 23804	37.41 2.71 0.00	34.65 2.69 0.00	32.70 2.45 0.00	31.05 2.35 0.00	32.43 2.43 0.00	35.25 2.76 0.00	46.94 3.80 0.00	47.63 3.61 0.00	42.47 3.07 0.00	44.65 3.08 0.00	42.09 2.57 0.00	39.34 2.33 0.00	39.17 1.97 0.00	37.96 1.67 0.00	35.04 1.67 0.00	35.76 1.86 0.00	37.88 1.87 0.00	40.34 2.32 0.00	44.20 3.12 0.00	52.54 4.34 0.00	56.59 4.67 0.00	47.40 3.79 0.00	38.19 2.89 0.00	36.01 2.64 0.00
ISLIP_RES_REC 323679	63.55 3.02 -25.82	52.94 2.91 -18.07	48.93 2.69 -15.99	48.89 2.55 -17.64	52.85 2.67 -20.18	59.34 2.83 -24.02	63.06 3.93 -16.00	63.17 4.09 -15.06	66.62 3.78 -23.44	63.39 4.20 -17.61	62.86 4.03 -19.30	59.98 3.70 -19.28	58.85 3.65 -18.00	58.85 3.70 -18.86	49.41 3.67 -12.37	49.36 3.83 -11.64	60.02 4.17 -19.83	62.85 4.45 -20.38	69.16 4.35 -23.73	87.52 4.77 -34.54	106.97 4.88 -50.17	87.53 4.36 -39.56	64.04 3.46 -25.28	57.95 3.04 -21.53
JAMAICA__27_KV_LOAD 355505	36.54 1.84 0.01	33.82 1.85 0.00	32.03 1.78 0.00	30.36 1.66 0.00	31.74 1.74 0.00	34.11 1.62 0.01	45.56 2.42 0.00	46.61 2.60 0.00	41.92 2.52 0.00	44.48 2.91 0.00	42.49 2.96 0.00	39.63 2.63 0.00	39.77 2.57 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.17 2.75 -1.53	38.99 2.99 0.00	41.41 3.38 0.00	44.49 3.41 0.00	52.06 3.86 0.00	55.76 3.84 0.00	46.70 3.10 0.00	37.55 2.26 0.00	35.20 1.84 0.01
JANIS__SOLAR 323808	35.92 1.21 0.00	32.83 0.86 0.00	31.00 0.76 0.00	29.36 0.66 0.00	30.81 0.81 0.00	33.56 1.07 0.00	44.99 1.85 0.00	45.73 1.71 0.00	40.63 1.22 -0.01	43.79 1.00 -1.22	40.57 0.63 -0.42	37.38 0.37 -0.01	37.46 0.26 0.00	36.47 0.18 0.00	33.54 0.17 0.00	34.06 0.17 0.00	36.26 0.25 0.00	38.67 0.65 0.00	42.28 1.19 -0.01	50.14 1.93 -0.01	54.15 2.23 0.00	45.48 1.87 0.00	36.56 1.27 0.00	34.44 1.07 0.00
JARVIS____ 23743	34.81 0.10 0.00	32.06 0.10 0.00	30.34 0.09 0.00	28.78 0.09 0.00	30.09 0.09 0.00	32.59 0.10 0.00	43.23 0.09 0.00	44.10 0.09 0.00	39.52 0.12 0.00	41.70 0.13 0.00	39.64 0.12 0.00	37.12 0.11 0.00	37.31 0.11 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.15 0.14 0.00	38.18 0.15 0.00	41.24 0.16 0.00	48.39 0.19 0.00	52.08 0.16 0.00	43.74 0.13 0.00	35.40 0.11 0.00	33.48 0.10 0.00
JENNISON__1 23625	36.06 1.35 0.00	33.12 1.15 0.00	31.27 1.03 0.00	29.59 0.89 0.00	31.05 1.05 0.00	33.69 1.20 0.00	44.82 1.68 0.00	45.69 1.67 0.00	40.78 1.38 0.00	42.99 1.41 0.00	40.83 1.30 0.00	38.08 1.07 0.00	38.24 1.04 0.00	37.23 0.94 0.00	33.92 0.87 0.32	34.34 0.85 0.40	36.98 0.97 0.00	39.28 1.25 0.00	42.68 1.60 0.00	50.46 2.27 0.00	54.41 2.49 0.00	45.70 2.09 0.00	36.74 1.45 0.00	34.61 1.23 0.00
JENNISON__2 23626	36.06 1.35 0.00	33.12 1.15 0.00	31.27 1.03 0.00	29.59 0.89 0.00	31.05 1.05 0.00	33.69 1.20 0.00	44.82 1.68 0.00	45.69 1.67 0.00	40.78 1.38 0.00	42.99 1.41 0.00	40.83 1.30 0.00	38.08 1.07 0.00	38.24 1.04 0.00	37.23 0.94 0.00	33.92 0.87 0.32	34.34 0.85 0.40	36.98 0.97 0.00	39.28 1.25 0.00	42.68 1.60 0.00	50.46 2.27 0.00	54.41 2.49 0.00	45.70 2.09 0.00	36.74 1.45 0.00	34.61 1.23 0.00
JERICHO_RISE_WT_PWR 323719	34.32 -0.38 0.00	31.64 -0.32 0.00	29.97 -0.27 0.00	28.47 -0.23 0.00	29.76 -0.24 0.00	32.27 -0.23 0.00	42.79 -0.35 0.00	43.75 -0.26 0.00	39.00 -0.39 0.00	41.16 -0.42 0.00	39.13 -0.40 0.00	36.64 -0.37 0.00	36.86 -0.34 0.00	35.89 -0.40 0.00	33.00 -0.37 0.00	33.52 -0.37 0.00	35.58 -0.43 0.00	37.57 -0.45 0.00	40.67 -0.41 0.00	47.76 -0.43 0.00	51.50 -0.42 0.00	43.17 -0.44 0.00	34.94 -0.35 0.00	32.94 -0.43 0.00
KATONAH__115KV_46KV_TB4 355592	36.47 1.77 0.00	33.72 1.76 0.00	31.91 1.66 0.00	30.25 1.55 0.00	31.62 1.62 0.00	34.12 1.62 0.00	45.38 2.24 0.00	46.35 2.33 0.00	41.68 2.28 0.00	44.23 2.66 0.00	42.25 2.73 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.76 2.47 0.00	36.60 2.37 -0.87	37.46 2.47 -1.09	38.63 2.63 0.00	40.99 2.97 0.00	44.04 2.96 0.00	51.53 3.33 0.00	55.19 3.27 0.00	46.40 2.79 0.00	37.38 2.08 0.00	35.18 1.80 0.00
KCE_NY_1 323755	36.13 1.42 0.00	33.47 1.50 0.00	31.64 1.39 0.00	30.02 1.32 0.00	31.35 1.35 0.00	33.96 1.46 0.00	44.99 1.85 0.00	45.86 1.85 0.00	41.17 1.77 0.00	43.45 1.87 0.00	41.22 1.70 0.00	38.56 1.55 0.00	38.61 1.41 0.00	37.56 1.27 0.00	34.64 1.27 0.00	35.28 1.39 0.00	37.48 1.48 0.00	39.66 1.63 0.00	43.01 1.93 0.00	50.61 2.41 0.00	54.41 2.49 0.00	45.70 2.09 0.00	36.92 1.62 0.00	34.84 1.47 0.00
KCE_NY_6_ESR 323823	32.97 -1.73 0.00	29.12 -2.84 0.00	27.52 -2.72 0.00	26.17 -2.53 0.00	27.42 -2.58 0.00	29.89 -2.60 0.00	40.85 -2.29 0.00	41.02 -2.99 0.00	36.61 -2.76 0.03	32.20 -2.95 6.42	34.56 -3.12 1.85	33.98 -3.00 0.03	34.19 -3.01 0.00	33.42 -2.87 0.00	30.53 -2.84 0.00	31.25 -2.64 0.00	32.80 -3.20 0.00	34.59 -3.42 0.01	37.51 -3.53 0.03	44.07 -4.10 0.03	48.08 -3.84 0.00	40.60 -3.01 0.00	32.61 -2.68 0.00	30.47 -2.90 0.00
KEDC_PORT_JEFF_GT2 24210	69.19 2.78 -31.70	56.90 2.75 -22.18	52.42 2.54 -19.63	52.77 2.41 -21.66	57.30 2.52 -24.78	64.61 2.63 -29.49	66.40 3.62 -19.64	66.25 3.74 -18.49	69.64 3.39 -26.85	65.89 3.87 -20.45	65.28 3.71 -22.04	61.95 3.44 -21.50	60.55 3.38 -19.97	60.56 3.45 -20.82	49.14 3.47 -12.31	49.49 3.63 -11.97	61.98 3.93 -22.05	65.28 4.15 -23.11	72.76 3.98 -27.70	94.76 4.15 -42.41	117.72 4.20 -61.60	95.12 3.79 -47.72	69.50 3.18 -31.03	62.65 2.84 -26.44
KEDC_PORT_JEFF_GT3 24211	69.19 2.78 -31.70	56.90 2.75 -22.18	52.42 2.54 -19.63	52.77 2.41 -21.66	57.30 2.52 -24.78	64.61 2.63 -29.49	66.40 3.62 -19.64	66.25 3.74 -18.49	69.64 3.39 -26.85	65.89 3.87 -20.45	65.28 3.71 -22.04	61.95 3.44 -21.50	60.55 3.38 -19.97	60.56 3.45 -20.82	49.14 3.47 -12.31	49.49 3.63 -11.97	61.98 3.93 -22.05	65.28 4.15 -23.11	72.76 3.98 -27.70	94.76 4.15 -42.41	117.72 4.20 -61.60	95.12 3.79 -47.72	69.50 3.18 -31.03	62.65 2.84 -26.44
KEDC_GLWD_GT4 24219	36.91 2.19 -0.01	34.14 2.17 0.00	32.30 2.06 0.00	30.62 1.92 0.00	32.01 2.01 0.00	34.54 2.05 0.00	46.04 2.89 -0.01	47.07 3.03 -0.01	55.23 2.84 -13.00	52.78 3.24 -7.96	53.94 3.28 -11.14	54.66 3.00 -14.65	54.50 2.94 -14.36	55.07 3.01 -15.77	55.17 2.97 -18.83	51.80 3.08 -14.83	54.98 3.46 -15.52	54.61 3.69 -12.90	54.40 3.62 -9.70	52.21 4.00 -0.01	56.09 4.16 -0.01	52.87 3.49 -5.77	38.02 2.61 -0.11	35.66 2.27 -0.01
KEDC_GLWD_GT5 24220	36.91 2.19 -0.01	34.14 2.17 0.00	32.30 2.06 0.00	30.62 1.92 0.00	32.01 2.01 0.00	34.54 2.05 0.00	46.04 2.89 -0.01	47.07 3.03 -0.01	55.23 2.84 -13.00	52.78 3.24 -7.96	53.94 3.28 -11.14	54.66 3.00 -14.65	54.50 2.94 -14.36	55.07 3.01 -15.77	55.17 2.97 -18.83	51.80 3.08 -14.83	54.98 3.46 -15.52	54.61 3.69 -12.90	54.40 3.62 -9.70	52.21 4.00 -0.01	56.09 4.16 -0.01	52.87 3.49 -5.77	38.02 2.61 -0.11	35.66 2.27 -0.01

KENSICO____ 23655	36.47 1.77 0.00	33.72 1.76 0.00	31.91 1.66 0.00	30.25 1.55 0.00	31.62 1.62 0.00	34.08 1.59 0.00	45.38 2.24 0.00	46.39 2.38 0.00	41.72 2.32 0.00	44.23 2.66 0.00	42.25 2.73 0.00	39.49 2.48 0.00	39.62 2.42 0.00	38.79 2.50 0.00	37.10 2.47 -1.27	38.03 2.54 -1.59	38.71 2.70 0.00	41.03 3.00 0.00	44.12 3.04 0.00	51.62 3.42 0.00	55.30 3.37 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.18 1.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.61 1.91 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.28 1.58 0.00	31.68 1.68 0.00	34.21 1.72 0.00	45.56 2.42 0.00	46.48 2.46 0.00	41.76 2.36 0.00	44.11 2.54 0.00	42.09 2.57 0.00	39.30 2.29 0.00	39.39 2.19 0.00	38.58 2.29 0.00	36.23 2.24 -0.63	37.02 2.34 -0.79	38.56 2.56 0.00	41.03 3.00 0.00	44.16 3.08 0.00	51.91 3.71 0.00	55.61 3.69 0.00	46.66 3.05 0.00	37.59 2.29 0.00	35.34 1.97 0.00
KIAC_JFK_GT1 23816	36.36 1.67 0.01	33.66 1.69 0.00	31.88 1.63 0.00	30.22 1.52 0.00	31.59 1.59 0.00	33.95 1.46 0.01	45.34 2.20 0.00	46.39 2.38 0.00	41.68 2.28 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.49 2.48 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.78 2.77 0.00	41.22 3.19 0.00	44.24 3.16 0.00	51.77 3.57 0.00	55.50 3.58 0.00	46.49 2.88 0.00	37.38 2.08 0.00	35.04 1.67 0.01
KIAC_JFK_GT2 23817	36.36 1.67 0.01	33.66 1.69 0.00	31.88 1.63 0.00	30.22 1.52 0.00	31.59 1.59 0.00	33.95 1.46 0.01	45.34 2.20 0.00	46.39 2.38 0.00	41.68 2.28 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.49 2.48 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.78 2.77 0.00	41.22 3.19 0.00	44.24 3.16 0.00	51.77 3.57 0.00	55.50 3.58 0.00	46.49 2.88 0.00	37.38 2.08 0.00	35.04 1.67 0.01
KIAC_JFK____ 323774	36.26 1.56 0.01	33.63 1.66 0.00	31.82 1.57 0.00	30.19 1.49 0.00	31.53 1.53 0.00	33.91 1.43 0.01	45.25 2.11 0.00	46.39 2.38 0.00	41.68 2.28 0.00	44.27 2.70 0.00	42.29 2.77 0.00	39.45 2.44 0.00	39.58 2.38 0.00	38.79 2.50 0.00	37.12 2.53 -1.22	38.07 2.65 -1.53	39.06 3.06 0.00	41.37 3.35 0.00	44.28 3.21 0.00	51.77 3.57 0.00	55.61 3.69 0.00	46.58 2.97 0.00	37.38 2.08 0.00	35.00 1.63 0.01
KINTIGH_24_KV_GSU 356498	32.90 -1.81 0.00	29.18 -2.78 0.00	27.58 -2.66 0.00	26.26 -2.44 0.00	27.48 -2.52 0.00	29.92 -2.57 0.00	40.72 -2.41 0.00	41.02 -2.99 0.00	36.15 -3.23 0.02	34.24 -3.87 3.47	34.34 -3.91 1.27	33.84 -3.15 0.02	34.37 -2.83 0.00	33.57 -2.72 0.00	30.70 -2.67 0.00	31.39 -2.51 0.00	33.02 -2.99 0.00	34.67 -3.35 0.01	37.61 -3.45 0.02	43.89 -4.29 0.02	47.97 -3.95 0.00	40.55 -3.05 0.00	32.61 -2.68 0.00	30.54 -2.84 0.00
KINTIGH____ 23543	32.76 -1.94 0.00	29.44 -2.53 0.00	27.80 -2.45 0.00	26.46 -2.24 0.00	27.51 -2.49 0.00	29.86 -2.63 0.00	40.59 -2.55 0.00	41.02 -2.99 0.00	36.15 -3.23 0.02	34.24 -3.87 3.47	34.30 -3.95 1.27	33.51 -3.48 0.02	34.37 -2.83 0.00	33.57 -2.72 0.00	30.40 -2.97 0.00	30.81 -3.08 0.00	32.91 -3.10 0.00	34.63 -3.38 0.01	37.61 -3.45 0.02	43.70 -4.48 0.02	47.97 -3.95 0.00	40.56 -3.05 0.00	32.54 -2.75 0.00	30.47 -2.90 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.88 0.17 0.00	32.16 0.19 0.00	30.43 0.18 0.00	28.93 0.23 0.00	30.21 0.21 0.00	32.82 0.32 0.00	43.53 0.39 0.00	44.54 0.53 0.00	39.67 0.28 0.00	41.78 0.21 0.00	39.68 0.16 0.00	37.19 0.19 0.00	37.38 0.19 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.04 0.04 0.00	38.10 0.08 0.00	41.33 0.25 0.00	48.59 0.39 0.00	52.44 0.52 0.00	43.96 0.35 0.00	35.51 0.21 0.00	33.44 0.07 0.00
LACHUTE____HYDRO 323717	37.34 2.64 0.00	34.62 2.65 0.00	32.67 2.42 0.00	31.02 2.32 0.00	32.40 2.40 0.00	35.19 2.70 0.00	46.89 3.75 0.00	47.63 3.61 0.00	42.51 3.11 0.00	44.65 3.08 0.00	42.09 2.57 0.00	39.30 2.30 0.00	39.17 1.97 0.00	37.96 1.67 0.00	35.04 1.67 0.00	35.79 1.90 0.00	37.95 1.94 0.00	40.42 2.40 0.00	44.24 3.16 0.00	52.59 4.39 0.00	56.60 4.67 0.00	47.45 3.84 0.00	38.19 2.89 0.00	35.98 2.60 0.00
LAWRNCV_115KV_TB1 80681	34.70 0.00 0.00	32.00 0.03 0.00	30.31 0.06 0.00	28.78 0.09 0.00	30.06 0.06 0.00	32.62 0.13 0.00	43.23 0.09 0.00	44.19 0.18 0.00	39.36 -0.04 0.00	41.49 -0.08 0.00	39.41 -0.12 0.00	36.93 -0.07 0.00	37.09 -0.11 0.00	36.11 -0.18 0.00	33.17 -0.20 0.00	33.66 -0.24 0.00	35.68 -0.32 0.00	37.68 -0.34 0.00	40.83 -0.25 0.00	48.05 -0.14 0.00	51.09 -0.83 0.00	42.87 -0.74 0.00	34.80 -0.49 0.00	32.91 -0.47 0.00
LEDERLE____ 23769	36.51 1.80 0.00	33.72 1.76 0.00	31.91 1.66 0.00	30.25 1.55 0.00	31.62 1.62 0.00	34.08 1.59 0.00	45.43 2.29 0.00	46.35 2.33 0.00	41.68 2.28 0.00	44.19 2.62 0.00	42.25 2.73 0.00	39.49 2.48 0.00	39.58 2.38 0.00	38.76 2.47 0.00	37.90 2.44 -2.09	39.03 2.51 -2.63	38.71 2.70 0.00	41.03 3.00 0.00	44.12 3.04 0.00	51.67 3.47 0.00	55.40 3.48 0.00	46.49 2.88 0.00	37.45 2.15 0.00	35.24 1.87 0.00
LIGHTHSE_115KV_TB6 355974	34.36 -0.35 0.00	31.58 -0.38 0.00	29.82 -0.42 0.00	28.24 -0.46 0.00	29.55 -0.45 0.00	32.04 -0.45 0.00	42.71 -0.43 0.00	43.58 -0.44 0.00	38.81 -0.59 0.00	40.87 -0.71 0.00	38.77 -0.75 0.00	36.23 -0.78 0.00	36.45 -0.74 0.00	35.46 -0.83 0.00	32.53 -0.83 0.00	32.98 -0.92 0.00	35.03 -0.97 0.00	37.07 -0.95 0.00	40.26 -0.82 0.00	47.48 -0.72 0.00	51.30 -0.62 0.00	43.09 -0.52 0.00	34.87 -0.42 0.00	33.01 -0.37 0.00
LINDEN COGEN____ 23786	36.34 1.63 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.22 1.52 0.00	31.56 1.56 0.00	33.96 1.46 0.00	45.30 2.16 0.00	46.39 2.38 0.00	41.68 2.28 0.00	44.27 2.70 0.00	42.33 2.81 0.00	39.52 2.52 0.00	39.65 2.45 0.00	38.87 2.58 0.00	37.19 2.60 -1.22	38.14 2.71 -1.53	39.10 3.10 0.00	41.33 3.31 0.00	44.24 3.16 0.00	51.67 3.47 0.00	55.50 3.58 0.00	46.53 2.92 0.00	37.38 2.08 0.00	35.08 1.70 0.00
LINDHRST_69_KV_BK1 356055	39.80 2.85 -2.25	36.22 2.69 -1.57	34.15 2.51 -1.39	32.58 2.35 -1.53	34.24 2.49 -1.75	37.18 2.60 -2.09	48.21 3.67 -1.40	49.03 3.70 -1.32	53.20 3.47 -10.34	52.01 3.82 -6.62	52.03 3.72 -8.79	51.48 3.44 -11.03	51.29 3.35 -10.74	51.41 3.41 -11.71	50.14 3.34 -13.44	48.25 3.46 -10.90	51.28 3.64 -11.64	52.06 4.03 -10.01	53.40 4.07 -8.26	55.79 4.58 -3.01	60.91 4.62 -4.37	54.75 4.01 -7.13	40.74 3.18 -2.27	38.06 2.80 -1.88
LIPA_MISC_IPP 23656	64.50 3.12 -26.67	53.56 2.94 -18.66	49.48 2.72 -16.52	49.50 2.58 -18.22	53.58 2.73 -20.85	60.13 2.83 -24.81	63.63 3.97 -16.52	63.58 4.01 -15.56	67.00 3.74 -23.86	63.67 4.12 -17.98	63.11 3.95 -19.64	60.19 3.66 -19.52	58.94 3.53 -18.21	58.94 3.59 -19.06	49.15 3.50 -12.27	49.14 3.63 -11.62	59.86 3.78 -20.07	62.87 4.14 -20.71	69.52 4.19 -24.25	88.55 4.68 -35.68	108.46 4.72 -51.81	88.50 4.19 -40.70	64.79 3.39 -26.11	58.65 3.04 -22.24

LISF___SOLAR 323691	64.86 3.09 -27.06	53.84 2.94 -18.93	49.73 2.72 -16.76	49.77 2.58 -18.49	53.86 2.70 -21.15	60.53 2.86 -25.17	63.92 4.01 -16.76	63.90 4.09 -15.79	67.29 3.78 -24.11	63.95 4.20 -18.18	63.39 4.03 -19.83	60.39 3.70 -19.68	59.16 3.61 -18.35	59.16 3.66 -19.20	49.26 3.60 -12.28	49.31 3.76 -11.65	60.35 4.10 -20.24	63.33 4.41 -20.90	69.96 4.35 -24.53	89.22 4.82 -36.20	109.44 4.94 -52.58	89.27 4.40 -41.26	65.29 3.49 -26.50	59.01 3.07 -22.57
LITTLE FALLS___HYD 24013	35.81 1.11 0.00	33.02 1.05 0.00	31.24 1.00 0.00	29.67 0.98 0.00	31.17 1.17 0.00	33.86 1.36 0.00	44.91 1.77 0.00	45.82 1.80 0.00	40.93 1.54 0.00	43.19 1.62 0.00	41.07 1.54 0.00	38.41 1.41 0.00	38.69 1.49 0.00	37.67 1.38 0.00	34.60 1.23 0.00	35.11 1.22 0.00	37.30 1.30 0.00	39.36 1.33 0.00	42.56 1.48 0.00	50.03 1.83 0.00	53.79 1.87 0.00	45.22 1.61 0.00	36.85 1.55 0.00	34.88 1.50 0.00
LITTLRIV_115KV_TB1 356100	34.60 -0.10 0.00	31.93 -0.03 0.00	30.19 -0.06 0.00	28.64 -0.06 0.00	29.97 -0.03 0.00	32.59 0.10 0.00	43.27 0.13 0.00	44.19 0.18 0.00	39.08 -0.32 0.00	40.95 -0.62 0.00	38.81 -0.71 0.00	36.34 -0.67 0.00	36.23 -0.97 0.00	35.13 -1.16 0.00	32.17 -1.20 0.00	32.67 -1.22 0.00	34.67 -1.33 0.00	36.73 -1.29 0.00	40.09 -0.99 0.00	47.52 -0.67 0.00	51.61 -0.31 0.00	43.26 -0.35 0.00	35.12 -0.18 0.00	33.18 -0.20 0.00
LI_NEWBRDGE___DRP 323616	36.97 2.26 -0.01	34.17 2.21 0.00	32.30 2.06 0.00	30.62 1.92 0.00	32.04 2.04 0.00	34.57 2.08 0.00	46.04 2.89 -0.01	46.93 2.91 -0.01	49.74 2.68 -7.66	49.34 3.08 -4.69	49.14 3.04 -6.57	48.42 2.78 -8.64	48.38 2.72 -8.47	48.38 2.79 -9.29	47.74 2.77 -11.60	46.11 2.85 -9.37	48.14 2.99 -9.15	48.94 3.31 -7.60	50.08 3.29 -5.72	51.82 3.61 -0.01	55.61 3.69 -0.01	50.15 3.14 -3.40	37.87 2.51 -0.07	35.62 2.24 -0.01
LOCKPORT_115KV_TB60_63_64 80432	32.34 -2.36 0.00	28.96 -3.00 0.00	27.31 -2.93 0.00	25.97 -2.73 0.00	27.03 -2.97 0.00	29.31 -3.18 0.00	40.03 -3.11 0.00	40.32 -3.70 0.00	35.71 -3.66 0.02	33.06 -3.99 4.52	33.78 -4.15 1.59	32.99 -4.00 0.02	33.63 -3.57 0.00	32.88 -3.41 0.00	29.67 -3.70 0.00	30.03 -3.86 0.00	32.08 -3.92 0.00	33.83 -4.18 0.01	36.83 -4.23 0.02	42.97 -5.21 0.02	47.20 -4.72 0.00	39.90 -3.71 0.00	31.98 -3.32 0.00	29.87 -3.50 0.00
LOCKPORT___CC1 323769	32.48 -2.22 0.00	28.61 -3.36 0.00	27.07 -3.18 0.00	25.74 -2.96 0.00	26.97 -3.03 0.00	29.40 -3.09 0.00	40.16 -2.98 0.00	40.32 -3.70 0.00	35.71 -3.66 0.02	32.71 -4.03 4.83	33.69 -4.15 1.69	33.25 -3.74 0.02	33.66 -3.53 0.00	32.88 -3.41 0.00	30.03 -3.34 0.00	30.74 -3.15 0.00	32.23 -3.78 0.00	33.95 -4.07 0.01	36.82 -4.23 0.02	43.07 -5.11 0.02	47.14 -4.78 0.00	39.86 -3.75 0.00	32.08 -3.21 0.00	29.97 -3.40 0.00
LOCKPORT___CC2 323770	32.48 -2.22 0.00	28.61 -3.36 0.00	27.07 -3.18 0.00	25.74 -2.96 0.00	26.97 -3.03 0.00	29.40 -3.09 0.00	40.16 -2.98 0.00	40.32 -3.70 0.00	35.71 -3.66 0.02	32.71 -4.03 4.83	33.69 -4.15 1.69	33.25 -3.74 0.02	33.66 -3.53 0.00	32.88 -3.41 0.00	30.03 -3.34 0.00	30.74 -3.15 0.00	32.23 -3.78 0.00	33.95 -4.07 0.01	36.82 -4.23 0.02	43.07 -5.11 0.02	47.14 -4.78 0.00	39.86 -3.75 0.00	32.08 -3.21 0.00	29.97 -3.40 0.00
LOCKPORT___CC3 323771	32.48 -2.22 0.00	28.61 -3.36 0.00	27.07 -3.18 0.00	25.74 -2.96 0.00	26.97 -3.03 0.00	29.40 -3.09 0.00	40.16 -2.98 0.00	40.32 -3.70 0.00	35.71 -3.66 0.02	32.71 -4.03 4.83	33.69 -4.15 1.69	33.25 -3.74 0.02	33.66 -3.53 0.00	32.88 -3.41 0.00	30.03 -3.34 0.00	30.74 -3.15 0.00	32.23 -3.78 0.00	33.95 -4.07 0.01	36.82 -4.23 0.02	43.07 -5.11 0.02	47.14 -4.78 0.00	39.86 -3.75 0.00	32.08 -3.21 0.00	29.97 -3.40 0.00
LOCUSVLY_69_KV_BK2 55797	37.21 2.50 -0.01	34.36 2.40 0.00	32.48 2.24 0.00	30.79 2.09 0.00	32.22 2.22 0.00	34.77 2.27 0.00	46.34 3.19 -0.01	47.29 3.26 -0.01	54.18 3.07 -11.71	52.24 3.49 -7.17	53.04 3.48 -10.04	53.39 3.18 -13.20	53.26 3.12 -12.94	53.69 3.19 -14.20	53.56 3.10 -17.09	50.59 3.19 -13.51	53.37 3.38 -13.98	53.37 3.73 -11.62	53.56 3.74 -8.74	52.41 4.19 -0.01	56.14 4.21 -0.01	52.39 3.58 -5.20	38.22 2.82 -0.10	35.86 2.47 -0.01
LONG_LAKE_PHOENIX 24014	33.94 -0.76 0.00	31.17 -0.80 0.00	29.49 -0.76 0.00	27.98 -0.72 0.00	29.25 -0.75 0.00	31.71 -0.78 0.00	42.28 -0.86 0.00	43.14 -0.88 0.00	38.57 -0.83 0.00	40.66 -0.91 0.00	38.58 -0.95 0.00	36.08 -0.93 0.00	36.34 -0.86 0.00	35.42 -0.87 0.00	32.50 -0.87 0.00	33.01 -0.88 0.00	35.07 -0.94 0.00	37.00 -1.03 0.00	40.01 -1.07 0.00	46.95 -1.25 0.00	50.67 -1.25 0.00	42.56 -1.05 0.00	34.45 -0.85 0.00	32.61 -0.77 0.00
LOVETT___3 23632	36.33 1.63 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.50 1.50 0.00	33.95 1.46 0.00	45.21 2.07 0.00	46.17 2.16 0.00	41.48 2.09 0.00	43.98 2.41 0.00	42.02 2.49 0.00	39.30 2.29 0.00	39.39 2.19 0.00	38.58 2.29 0.00	37.49 2.27 -1.86	38.56 2.34 -2.33	38.53 2.52 0.00	40.84 2.81 0.00	43.87 2.79 0.00	51.38 3.18 0.00	55.09 3.17 0.00	46.22 2.62 0.00	37.27 1.98 0.00	35.08 1.70 0.00
LOVETT___4 23642	36.33 1.63 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.50 1.50 0.00	33.95 1.46 0.00	45.21 2.07 0.00	46.17 2.16 0.00	41.48 2.09 0.00	43.98 2.41 0.00	42.02 2.49 0.00	39.30 2.29 0.00	39.39 2.19 0.00	38.58 2.29 0.00	37.49 2.27 -1.86	38.56 2.34 -2.33	38.53 2.52 0.00	40.84 2.81 0.00	43.87 2.79 0.00	51.38 3.18 0.00	55.09 3.17 0.00	46.22 2.62 0.00	37.27 1.98 0.00	35.08 1.70 0.00
LOVETT___5 23593	36.33 1.63 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.50 1.50 0.00	33.95 1.46 0.00	45.21 2.07 0.00	46.17 2.16 0.00	41.48 2.09 0.00	43.98 2.41 0.00	42.02 2.49 0.00	39.30 2.29 0.00	39.39 2.19 0.00	38.58 2.29 0.00	37.49 2.27 -1.86	38.56 2.34 -2.33	38.53 2.52 0.00	40.84 2.81 0.00	43.87 2.79 0.00	51.38 3.18 0.00	55.09 3.17 0.00	46.22 2.62 0.00	37.27 1.98 0.00	35.08 1.70 0.00
LOWER RAQUET___HYD 24057	34.22 -0.49 0.00	31.58 -0.38 0.00	29.85 -0.39 0.00	28.32 -0.37 0.00	29.64 -0.36 0.00	32.20 -0.29 0.00	42.79 -0.35 0.00	43.75 -0.26 0.00	38.76 -0.63 0.00	40.74 -0.83 0.00	38.66 -0.87 0.00	36.19 -0.81 0.00	36.01 -1.19 0.00	34.87 -1.42 0.00	31.87 -1.50 0.00	32.33 -1.56 0.00	34.35 -1.66 0.00	36.39 -1.63 0.00	39.60 -1.48 0.00	46.80 -1.40 0.00	50.88 -1.04 0.00	42.65 -0.96 0.00	34.66 -0.63 0.00	32.81 -0.57 0.00
LOWER___HUDSON 24059	35.64 0.94 0.00	33.05 1.09 0.00	31.30 1.06 0.00	29.70 1.00 0.00	31.02 1.02 0.00	33.53 1.04 0.00	44.22 1.08 0.00	45.12 1.10 0.00	40.62 1.22 0.00	42.94 1.37 0.00	40.83 1.30 0.00	38.23 1.22 0.00	38.31 1.11 0.00	37.38 1.09 0.00	34.47 1.10 0.00	35.08 1.19 0.00	37.30 1.29 0.00	39.39 1.37 0.00	42.60 1.52 0.00	49.93 1.73 0.00	53.63 1.71 0.00	45.09 1.48 0.00	36.50 1.20 0.00	34.48 1.10 0.00

LOWVILLE_115KV_TB2 356335	34.88 0.17 0.00	32.12 0.16 0.00	30.19 -0.06 0.00	28.47 -0.23 0.00	29.97 -0.03 0.00	32.69 0.19 0.00	43.70 0.56 0.00	44.59 0.57 0.00	39.51 0.12 0.00	41.57 0.00 0.00	39.33 -0.20 0.00	36.67 -0.33 0.00	36.83 -0.37 0.00	35.71 -0.58 0.00	32.77 -0.60 0.00	33.25 -0.64 0.00	35.43 -0.58 0.00	37.64 -0.38 0.00	41.08 0.00 0.00	48.78 0.58 0.00	52.75 0.83 0.00	44.26 0.65 0.00	35.82 0.53 0.00	33.78 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.20 1.49 0.00	33.47 1.50 0.00	31.64 1.39 0.00	30.02 1.32 0.00	31.38 1.38 0.00	33.99 1.49 0.00	44.99 1.85 0.00	45.82 1.80 0.00	41.13 1.73 0.00	43.40 1.83 0.00	41.19 1.66 0.00	38.56 1.55 0.00	38.58 1.38 0.00	37.56 1.27 0.00	34.60 1.23 0.00	35.25 1.36 0.00	37.37 1.37 0.00	39.58 1.56 0.00	42.93 1.85 0.00	50.56 2.36 0.00	54.36 2.44 0.00	45.61 2.01 0.00	36.92 1.62 0.00	34.91 1.54 0.00
LUTHERNY_35_KV_BK2 355980	36.20 1.49 0.00	33.47 1.50 0.00	31.67 1.42 0.00	30.05 1.35 0.00	31.41 1.41 0.00	34.02 1.53 0.00	44.99 1.85 0.00	45.87 1.85 0.00	41.17 1.77 0.00	43.44 1.87 0.00	41.22 1.70 0.00	38.60 1.59 0.00	38.61 1.41 0.00	37.56 1.27 0.00	34.64 1.27 0.00	35.25 1.36 0.00	37.41 1.40 0.00	39.62 1.60 0.00	42.97 1.89 0.00	50.56 2.36 0.00	54.41 2.49 0.00	45.66 2.05 0.00	36.92 1.62 0.00	34.91 1.54 0.00
LWR__OSWEGATCHIE_HYD 23850	34.25 -0.45 0.00	31.58 -0.38 0.00	29.76 -0.48 0.00	28.15 -0.55 0.00	29.55 -0.45 0.00	32.17 -0.32 0.00	42.84 -0.30 0.00	43.75 -0.26 0.00	38.73 -0.67 0.00	40.70 -0.87 0.00	38.58 -0.95 0.00	36.04 -0.96 0.00	36.01 -1.19 0.00	34.88 -1.42 0.00	31.97 -1.40 0.00	32.44 -1.46 0.00	34.46 -1.55 0.00	36.58 -1.44 0.00	39.89 -1.19 0.00	47.28 -0.92 0.00	51.30 -0.62 0.00	43.04 -0.57 0.00	34.91 -0.39 0.00	33.01 -0.37 0.00
LYONS_FALL_HYD 23570	35.12 0.42 0.00	32.32 0.35 0.00	30.40 0.15 0.00	28.70 0.00 0.00	30.18 0.18 0.00	32.88 0.39 0.00	43.92 0.78 0.00	44.81 0.79 0.00	39.79 0.39 0.00	41.87 0.29 0.00	39.64 0.12 0.00	37.01 0.00 0.00	37.16 -0.04 0.00	36.07 -0.22 0.00	33.10 -0.27 0.00	33.59 -0.31 0.00	35.76 -0.25 0.00	37.99 -0.04 0.00	41.33 0.25 0.00	49.02 0.82 0.00	52.96 1.04 0.00	44.43 0.83 0.00	35.93 0.64 0.00	33.91 0.53 0.00
MADISON__COUNTY_LFGE 323628	35.43 0.73 0.00	32.57 0.61 0.00	30.76 0.51 0.00	29.10 0.40 0.00	30.54 0.54 0.00	33.14 0.65 0.00	44.22 1.08 0.00	45.12 1.10 0.00	40.22 0.83 0.00	42.32 0.75 0.00	40.12 0.59 0.00	37.45 0.44 0.00	37.65 0.45 0.00	36.65 0.36 0.00	33.67 0.30 0.00	34.16 0.27 0.00	36.37 0.36 0.00	38.52 0.49 0.00	41.82 0.74 0.00	49.36 1.16 0.00	53.22 1.30 0.00	44.70 1.09 0.00	36.07 0.78 0.00	34.04 0.67 0.00
MALONE__115KV_TB1 356076	34.60 -0.10 0.00	31.90 -0.06 0.00	30.22 -0.03 0.00	28.73 0.03 0.00	30.00 0.00 0.00	32.62 0.13 0.00	43.27 0.13 0.00	44.32 0.31 0.00	39.40 0.00 0.00	41.45 -0.12 0.00	39.33 -0.20 0.00	36.86 -0.15 0.00	36.94 -0.26 0.00	35.93 -0.36 0.00	33.00 -0.37 0.00	33.49 -0.41 0.00	35.50 -0.50 0.00	37.53 -0.49 0.00	40.79 -0.29 0.00	48.05 -0.14 0.00	51.92 0.00 0.00	43.52 -0.09 0.00	35.22 -0.07 0.00	33.21 -0.17 0.00
MAPLEWOD_115KV_TB3 80458	35.64 0.94 0.00	32.96 0.99 0.00	31.21 0.97 0.00	29.59 0.89 0.00	30.93 0.93 0.00	33.47 0.97 0.00	44.00 0.86 0.00	44.85 0.84 0.00	40.38 0.98 0.00	42.65 1.08 0.00	40.55 1.03 0.00	38.04 1.04 0.00	38.09 0.89 0.00	37.20 0.91 0.00	34.30 0.93 0.00	34.91 1.02 0.00	37.05 1.04 0.00	39.16 1.14 0.00	42.31 1.23 0.00	49.55 1.35 0.00	53.22 1.30 0.00	44.74 1.13 0.00	36.32 1.02 0.00	34.44 1.07 0.00
MAPLE_RIDGE_WT_1 323574	34.15 -0.56 0.00	31.45 -0.51 0.00	29.76 -0.49 0.00	28.24 -0.46 0.00	29.52 -0.48 0.00	32.01 -0.49 0.00	42.49 -0.65 0.00	43.44 -0.57 0.00	38.93 -0.47 0.00	41.12 -0.46 0.00	39.13 -0.40 0.00	36.67 -0.33 0.00	36.86 -0.34 0.00	35.96 -0.33 0.00	33.04 -0.33 0.00	33.55 -0.34 0.00	35.61 -0.40 0.00	37.61 -0.42 0.00	40.63 -0.45 0.00	47.62 -0.58 0.00	51.24 -0.68 0.00	42.96 -0.65 0.00	34.73 -0.57 0.00	32.78 -0.60 0.00
MAPLE_RIDGE_WT_2 323611	34.15 -0.56 0.00	31.45 -0.51 0.00	29.76 -0.49 0.00	28.24 -0.46 0.00	29.52 -0.48 0.00	32.01 -0.49 0.00	42.49 -0.65 0.00	43.44 -0.57 0.00	38.93 -0.47 0.00	41.12 -0.46 0.00	39.13 -0.40 0.00	36.67 -0.33 0.00	36.86 -0.34 0.00	35.96 -0.33 0.00	33.04 -0.33 0.00	33.55 -0.34 0.00	35.61 -0.40 0.00	37.61 -0.42 0.00	40.63 -0.45 0.00	47.62 -0.58 0.00	51.24 -0.68 0.00	42.96 -0.65 0.00	34.73 -0.57 0.00	32.78 -0.60 0.00
MARBLE_RIVER_WT_PWR 323696	34.39 -0.31 0.00	31.74 -0.22 0.00	30.04 -0.21 0.00	28.53 -0.17 0.00	29.82 -0.18 0.00	32.33 -0.16 0.00	42.88 -0.26 0.00	43.84 -0.18 0.00	39.12 -0.27 0.00	41.24 -0.33 0.00	39.21 -0.32 0.00	36.75 -0.26 0.00	36.94 -0.26 0.00	36.00 -0.29 0.00	33.10 -0.27 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.68 -0.34 0.00	40.75 -0.33 0.00	47.86 -0.34 0.00	51.61 -0.31 0.00	43.26 -0.35 0.00	35.01 -0.28 0.00	33.01 -0.37 0.00
MARSHVLE_115KV_TB1 80742	36.06 1.35 0.00	33.31 1.34 0.00	31.46 1.21 0.00	29.82 1.12 0.00	31.23 1.23 0.00	33.89 1.40 0.00	45.04 1.90 0.00	45.69 1.67 0.00	40.62 1.22 0.00	42.45 0.87 0.00	40.04 0.51 0.00	37.49 0.48 0.00	37.61 0.41 0.00	36.54 0.25 0.00	33.57 0.20 0.00	34.13 0.24 0.00	36.29 0.29 0.00	38.82 0.80 0.00	42.56 1.48 0.00	50.51 2.31 0.00	54.46 2.54 0.00	45.66 2.05 0.00	36.78 1.48 0.00	34.74 1.37 0.00
MARSH_HILL_WT_PWR 323713	33.91 -0.80 0.00	30.27 -1.70 0.00	28.55 -1.69 0.00	27.09 -1.61 0.00	28.29 -1.71 0.00	30.90 -1.59 0.00	42.02 -1.12 0.00	42.43 -1.58 0.00	37.93 -1.58 -0.11	61.92 -1.71 -22.06	45.34 -1.78 -7.59	35.26 -1.85 -0.11	35.34 -1.86 0.00	34.55 -1.74 0.00	31.60 -1.77 0.00	32.40 -1.49 0.00	34.13 -1.87 0.00	36.24 -1.82 -0.04	39.75 -1.44 -0.11	46.91 -1.40 -0.11	50.99 -0.93 0.00	42.87 -0.74 0.00	34.27 -1.02 0.00	32.07 -1.30 0.00
MCINTYRE_115KV_TB2 80467	34.98 0.28 0.00	32.28 0.32 0.00	30.52 0.27 0.00	28.93 0.23 0.00	30.30 0.30 0.00	32.91 0.42 0.00	43.70 0.56 0.00	44.54 0.53 0.00	39.36 -0.04 0.00	41.20 -0.37 0.00	39.01 -0.51 0.00	36.56 -0.44 0.00	36.57 -0.63 0.00	35.53 -0.76 0.00	32.57 -0.80 0.00	33.08 -0.81 0.00	35.14 -0.86 0.00	37.23 -0.80 0.00	40.67 -0.41 0.00	48.20 0.00 0.00	52.28 0.36 0.00	43.83 0.22 0.00	35.54 0.25 0.00	33.51 0.13 0.00
MECO____69_KV_BK1 80468	36.51 1.80 0.00	33.72 1.76 0.00	31.85 1.60 0.00	30.22 1.52 0.00	31.62 1.62 0.00	34.31 1.82 0.00	45.68 2.55 0.00	46.31 2.29 0.00	41.13 1.73 0.00	42.99 1.41 0.00	40.47 0.95 0.00	37.86 0.85 0.00	37.87 0.67 0.00	36.80 0.51 0.00	33.87 0.50 0.00	34.50 0.61 0.00	36.76 0.76 0.00	39.32 1.29 0.00	43.09 2.01 0.00	51.28 3.08 0.00	55.24 3.32 0.00	46.31 2.70 0.00	37.31 2.01 0.00	35.18 1.80 0.00

MENANDS__115KV_TB5 355628	35.54 0.83 0.00	32.86 0.90 0.00	31.12 0.88 0.00	29.53 0.83 0.00	30.87 0.87 0.00	33.37 0.88 0.00	43.83 0.69 0.00	44.63 0.62 0.00	40.18 0.79 0.00	42.49 0.91 0.00	40.43 0.91 0.00	37.93 0.93 0.00	37.98 0.78 0.00	37.13 0.83 0.00	34.20 0.83 0.00	34.81 0.92 0.00	36.94 0.94 0.00	39.01 0.99 0.00	42.15 1.07 0.00	49.31 1.11 0.00	52.96 1.04 0.00	44.57 0.96 0.00	36.18 0.88 0.00	34.34 0.97 0.00
MG INDUSTRY__DRP 24185	35.68 0.97 0.00	32.99 1.02 0.00	31.21 0.97 0.00	29.59 0.89 0.00	30.93 0.93 0.00	33.47 0.97 0.00	44.09 0.95 0.00	44.94 0.92 0.00	40.34 0.95 0.00	42.57 1.00 0.00	40.47 0.95 0.00	37.89 0.89 0.00	37.94 0.74 0.00	37.05 0.76 0.00	34.14 0.77 0.00	34.74 0.85 0.00	36.91 0.90 0.00	39.05 1.03 0.00	42.23 1.15 0.00	49.55 1.35 0.00	53.27 1.35 0.00	44.79 1.18 0.00	36.28 0.99 0.00	34.41 1.03 0.00
MID__OSWEGATCHIE_HYD 23849	34.25 -0.45 0.00	31.58 -0.38 0.00	29.76 -0.48 0.00	28.15 -0.55 0.00	29.55 -0.45 0.00	32.17 -0.32 0.00	42.84 -0.30 0.00	43.75 -0.26 0.00	38.73 -0.67 0.00	40.70 -0.87 0.00	38.58 -0.95 0.00	36.04 -0.96 0.00	36.01 -1.19 0.00	34.88 -1.42 0.00	31.97 -1.40 0.00	32.44 -1.46 0.00	34.46 -1.55 0.00	36.58 -1.44 0.00	39.89 -1.19 0.00	47.28 -0.92 0.00	51.30 -0.62 0.00	43.04 -0.57 0.00	34.91 -0.39 0.00	33.01 -0.37 0.00
MID__RAQUETTE_HYD 23851	34.22 -0.49 0.00	31.58 -0.38 0.00	29.85 -0.39 0.00	28.32 -0.37 0.00	29.64 -0.36 0.00	32.23 -0.26 0.00	42.79 -0.35 0.00	43.75 -0.26 0.00	38.77 -0.63 0.00	40.74 -0.83 0.00	38.66 -0.87 0.00	36.19 -0.81 0.00	36.01 -1.19 0.00	34.88 -1.42 0.00	31.90 -1.47 0.00	32.37 -1.53 0.00	34.35 -1.66 0.00	36.35 -1.67 0.00	39.56 -1.52 0.00	46.80 -1.40 0.00	50.88 -1.04 0.00	42.65 -0.96 0.00	34.69 -0.60 0.00	32.81 -0.57 0.00
MILLIKEN__1 23584	35.22 0.52 0.00	32.28 0.32 0.00	30.52 0.27 0.00	28.93 0.23 0.00	30.27 0.27 0.00	32.88 0.39 0.00	44.05 0.91 0.00	44.85 0.84 0.00	40.07 0.67 -0.01	43.58 0.58 -1.43	40.37 0.36 -0.49	37.20 0.19 -0.01	37.38 0.19 0.00	36.44 0.15 0.00	33.37 0.00 0.00	33.89 0.00 0.00	36.04 0.04 0.00	38.18 0.15 0.00	41.58 0.49 -0.01	48.93 0.72 -0.01	52.85 0.93 0.00	44.35 0.74 0.00	35.72 0.42 0.00	33.71 0.33 0.00
MILLIKEN__2 23585	35.22 0.52 0.00	32.28 0.32 0.00	30.52 0.27 0.00	28.93 0.23 0.00	30.27 0.27 0.00	32.88 0.39 0.00	44.05 0.91 0.00	44.85 0.84 0.00	40.07 0.67 -0.01	43.58 0.58 -1.43	40.37 0.36 -0.49	37.20 0.19 -0.01	37.38 0.19 0.00	36.44 0.15 0.00	33.37 0.00 0.00	33.89 0.00 0.00	36.04 0.04 0.00	38.18 0.15 0.00	41.58 0.49 -0.01	48.93 0.72 -0.01	52.85 0.93 0.00	44.35 0.74 0.00	35.72 0.42 0.00	33.71 0.33 0.00
MILLIKEN__DIESEL 23629	35.22 0.52 0.00	32.28 0.32 0.00	30.52 0.27 0.00	28.93 0.23 0.00	30.27 0.27 0.00	32.88 0.39 0.00	44.05 0.91 0.00	44.85 0.84 0.00	40.07 0.67 -0.01	43.58 0.58 -1.43	40.37 0.36 -0.49	37.20 0.19 -0.01	37.38 0.19 0.00	36.44 0.15 0.00	33.37 0.00 0.00	33.89 0.00 0.00	36.04 0.04 0.00	38.18 0.15 0.00	41.58 0.49 -0.01	48.93 0.72 -0.01	52.85 0.93 0.00	44.35 0.74 0.00	35.72 0.42 0.00	33.71 0.33 0.00
MILLSEAT__LFGE 323607	33.14 -1.56 0.00	29.28 -2.68 0.00	27.71 -2.54 0.00	26.34 -2.35 0.00	27.66 -2.34 0.00	30.12 -2.37 0.00	41.11 -2.03 0.00	41.46 -2.55 0.00	36.62 -2.76 0.02	34.65 -3.12 3.80	34.86 -3.32 1.34	33.95 -3.03 0.02	34.41 -2.79 0.00	33.57 -2.72 0.00	30.63 -2.74 0.00	31.35 -2.54 0.00	32.87 -3.13 0.00	34.67 -3.35 0.01	37.81 -3.25 0.02	44.37 -3.81 0.02	48.44 -3.48 0.00	40.99 -2.62 0.00	32.89 -2.40 0.00	30.67 -2.70 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.37 1.67 0.00	33.63 1.66 0.00	31.82 1.57 0.00	30.19 1.49 0.00	31.56 1.56 0.00	33.99 1.49 0.00	45.25 2.11 0.00	46.22 2.20 0.00	41.56 2.17 0.00	44.07 2.49 0.00	42.09 2.57 0.00	39.37 2.37 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.05 2.34 -1.35	37.99 2.41 -1.69	38.56 2.56 0.00	40.91 2.89 0.00	43.95 2.88 0.00	51.48 3.28 0.00	55.14 3.22 0.00	46.31 2.70 0.00	37.31 2.01 0.00	35.11 1.74 0.00
MILLWOOD_13_KV_LOAD 356217	36.44 1.74 0.00	33.69 1.73 0.00	31.88 1.63 0.00	30.22 1.52 0.00	31.59 1.59 0.00	34.05 1.56 0.00	45.34 2.20 0.00	46.31 2.29 0.00	41.64 2.25 0.00	44.15 2.58 0.00	42.17 2.65 0.00	39.41 2.41 0.00	39.54 2.34 0.00	38.72 2.43 0.00	37.08 2.37 -1.35	38.06 2.47 -1.69	38.63 2.63 0.00	40.99 2.97 0.00	44.04 2.96 0.00	51.53 3.33 0.00	55.19 3.27 0.00	46.36 2.75 0.00	37.38 2.08 0.00	35.14 1.77 0.00
MODEL_CITY_ENERGY 24167	32.14 -2.57 0.00	28.29 -3.67 0.00	26.74 -3.51 0.00	25.45 -3.24 0.00	26.67 -3.33 0.00	29.05 -3.45 0.00	39.69 -3.45 0.00	39.83 -4.18 0.00	35.27 -4.10 0.02	32.38 -4.41 4.78	33.28 -4.51 1.74	32.87 -4.11 0.02	33.29 -3.91 0.00	32.52 -3.78 0.00	29.73 -3.64 0.00	30.44 -3.46 0.00	31.90 -4.11 0.00	33.53 -4.49 0.01	36.37 -4.68 0.02	42.54 -5.64 0.02	46.52 -5.40 0.00	39.38 -4.23 0.00	31.73 -3.56 0.00	29.60 -3.77 0.00
MODERN_LFGE__ 323580	32.14 -2.57 0.00	28.29 -3.67 0.00	26.74 -3.51 0.00	25.45 -3.24 0.00	26.67 -3.33 0.00	29.05 -3.45 0.00	39.69 -3.45 0.00	39.83 -4.18 0.00	35.27 -4.10 0.02	32.38 -4.41 4.78	33.28 -4.51 1.74	32.87 -4.11 0.02	33.29 -3.91 0.00	32.52 -3.78 0.00	29.73 -3.64 0.00	30.44 -3.46 0.00	31.90 -4.11 0.00	33.53 -4.49 0.01	36.37 -4.68 0.02	42.54 -5.64 0.02	46.52 -5.40 0.00	39.38 -4.23 0.00	31.73 -3.56 0.00	29.60 -3.77 0.00
MOHAWK_PAPER__DRP 24187	35.64 0.94 0.00	32.96 0.99 0.00	31.21 0.97 0.00	29.59 0.89 0.00	30.93 0.93 0.00	33.47 0.97 0.00	44.00 0.86 0.00	44.85 0.84 0.00	40.38 0.98 0.00	42.65 1.08 0.00	40.55 1.03 0.00	38.04 1.04 0.00	38.09 0.89 0.00	37.20 0.91 0.00	34.30 0.93 0.00	34.91 1.02 0.00	37.05 1.04 0.00	39.16 1.14 0.00	42.31 1.23 0.00	49.55 1.35 0.00	53.22 1.30 0.00	44.74 1.13 0.00	36.32 1.02 0.00	34.44 1.07 0.00
MOHICAN__35_KV_115KV_LD 80490	36.51 1.80 0.00	33.79 1.82 0.00	31.94 1.69 0.00	30.30 1.61 0.00	31.68 1.68 0.00	34.34 1.85 0.00	45.56 2.42 0.00	46.39 2.38 0.00	41.60 2.21 0.00	43.86 2.29 0.00	41.50 1.98 0.00	38.86 1.85 0.00	38.80 1.60 0.00	37.67 1.38 0.00	34.70 1.33 0.00	35.35 1.46 0.00	37.48 1.48 0.00	39.77 1.75 0.00	43.26 2.18 0.00	51.09 2.89 0.00	54.93 3.01 0.00	46.09 2.49 0.00	37.20 1.91 0.00	35.18 1.80 0.00
MONGAUP__HYD 23641	36.30 1.60 0.00	33.50 1.53 0.00	31.70 1.45 0.00	30.05 1.35 0.00	31.41 1.41 0.00	33.96 1.46 0.00	44.91 1.77 0.00	45.78 1.76 0.00	41.01 1.62 0.00	43.57 2.00 0.00	41.50 1.98 0.00	38.75 1.74 0.00	38.87 1.68 0.00	38.03 1.74 0.00	29.46 1.77 5.67	28.66 1.90 7.13	38.31 2.31 0.00	40.69 2.66 0.00	43.54 2.46 0.00	51.14 2.94 0.00	54.93 3.01 0.00	46.09 2.48 0.00	37.13 1.83 0.00	34.88 1.50 0.00

MONTAUK___DIESEL 23721	65.55 3.99 -26.85	54.39 3.64 -18.79	50.23 3.36 -16.63	50.20 3.16 -18.34	54.32 3.33 -20.99	60.95 3.48 -24.98	64.69 4.92 -16.63	64.65 4.97 -15.66	68.06 4.69 -23.98	64.63 4.99 -18.07	64.07 4.82 -19.73	60.93 4.33 -19.59	59.57 4.09 -18.27	59.33 3.92 -19.12	49.22 3.57 -12.28	48.98 3.46 -11.63	59.86 3.71 -20.15	62.74 3.92 -20.79	69.57 4.11 -24.38	88.89 4.77 -35.92	109.18 5.09 -52.17	89.36 4.80 -40.96	65.54 3.95 -26.29	59.24 3.47 -22.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.04 -1.67 0.00	29.63 -2.33 0.00	27.98 -2.27 0.00	26.63 -2.07 0.00	27.78 -2.22 0.00	30.25 -2.24 0.00	41.41 -1.73 0.00	41.68 -2.33 0.00	37.28 -2.09 0.03	33.42 -2.20 5.95	35.35 -2.45 1.73	34.46 -2.52 0.03	34.56 -2.64 0.00	33.71 -2.58 0.00	30.47 -2.90 0.00	30.91 -2.98 0.00	32.91 -3.10 0.00	34.93 -3.08 0.01	38.09 -2.96 0.03	44.94 -3.23 0.03	49.06 -2.86 0.00	41.30 -2.31 0.00	32.93 -2.36 0.00	30.74 -2.64 0.00
MORRIS_RIDGE___SOLAR 323848	33.63 -1.08 0.00	30.01 -1.95 0.00	28.34 -1.90 0.00	26.92 -1.78 0.00	28.17 -1.83 0.00	30.71 -1.79 0.00	41.76 -1.38 0.00	41.90 -2.11 0.00	37.11 -2.17 0.12	15.49 -2.33 23.76	29.17 -2.37 7.98	34.52 -2.37 0.12	34.82 -2.38 0.00	34.08 -2.21 0.00	31.23 -2.14 0.00	31.93 -1.97 0.00	33.63 -2.38 0.00	35.54 -2.43 0.05	38.70 -2.26 0.12	45.68 -2.41 0.12	49.89 -2.03 0.00	42.00 -1.61 0.00	33.64 -1.66 0.00	31.51 -1.87 0.00
MORTIMER_115KV_TB3 55949	33.80 -0.90 0.00	30.65 -1.31 0.00	28.95 -1.30 0.00	27.52 -1.18 0.00	28.74 -1.26 0.00	31.19 -1.30 0.00	42.06 -1.08 0.00	42.87 -1.14 0.00	37.94 -1.46 0.00	39.71 -1.87 -0.01	37.55 -1.98 0.00	35.23 -1.78 0.00	35.90 -1.30 0.00	35.02 -1.27 0.00	31.83 -1.53 0.00	32.30 -1.59 0.00	34.39 -1.62 0.00	36.28 -1.75 0.00	39.48 -1.60 0.00	46.13 -2.07 0.00	50.26 -1.66 0.00	42.34 -1.26 0.00	33.95 -1.34 0.00	31.87 -1.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.58 1.87 0.00	33.82 1.85 0.00	32.03 1.78 0.00	30.36 1.66 0.00	31.74 1.74 0.00	34.15 1.66 0.00	45.51 2.37 0.00	46.53 2.51 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.77 2.57 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.10 2.68 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.81 3.61 0.00	55.50 3.58 0.00	46.57 2.97 0.00	37.52 2.22 0.00	35.24 1.87 0.00
MUNSVILLE_WIND_PWR 323609	36.65 1.94 0.00	33.59 1.63 0.00	31.70 1.45 0.00	29.90 1.21 0.00	31.56 1.56 0.00	34.38 1.88 0.00	46.03 2.89 0.00	46.92 2.90 0.00	41.65 2.24 0.00	44.61 2.16 -0.87	41.64 1.82 -0.30	38.49 1.48 0.00	38.65 1.45 0.00	37.49 1.20 0.00	34.20 1.10 0.27	34.61 1.05 0.34	37.19 1.19 0.00	39.74 1.71 0.00	43.38 2.30 0.00	51.68 3.47 0.00	55.76 3.84 0.00	46.84 3.23 0.00	37.59 2.29 0.00	35.34 1.97 0.00
N SALMON___HYD 24042	34.60 -0.10 0.00	31.93 -0.03 0.00	30.22 -0.03 0.00	28.73 0.03 0.00	30.00 0.00 0.00	32.62 0.13 0.00	43.27 0.13 0.00	44.33 0.31 0.00	39.40 0.00 0.00	41.45 -0.12 0.00	39.33 -0.20 0.00	36.86 -0.15 0.00	36.94 -0.26 0.00	35.93 -0.36 0.00	33.00 -0.37 0.00	33.49 -0.41 0.00	35.54 -0.47 0.00	37.57 -0.45 0.00	40.79 -0.29 0.00	48.06 -0.14 0.00	51.92 0.00 0.00	43.52 -0.09 0.00	35.22 -0.07 0.00	33.18 -0.20 0.00
N.AKRON__115KV_KNAPP 355671	32.97 -1.74 0.00	29.54 -2.43 0.00	27.89 -2.36 0.00	26.52 -2.18 0.00	27.63 -2.37 0.00	29.99 -2.50 0.00	40.94 -2.20 0.00	41.38 -2.64 0.00	36.58 -2.80 0.02	34.41 -3.20 3.96	34.73 -3.40 1.40	33.69 -3.29 0.02	34.33 -2.86 0.00	33.53 -2.76 0.00	30.27 -3.10 0.00	30.67 -3.22 0.00	32.73 -3.28 0.00	34.56 -3.46 0.01	37.73 -3.33 0.02	44.13 -4.05 0.02	48.39 -3.53 0.00	40.90 -2.70 0.00	32.72 -2.58 0.00	30.54 -2.84 0.00
N.BELMOR_69_KV_BK1 55787	37.25 2.53 -0.01	34.39 2.43 0.00	32.51 2.27 0.00	30.82 2.12 0.00	32.25 2.25 0.00	34.80 2.31 0.00	46.39 3.24 -0.01	47.33 3.30 -0.01	53.40 3.03 -10.97	51.70 3.41 -6.72	52.28 3.36 -9.40	52.48 3.11 -12.37	52.33 3.01 -12.12	52.68 3.08 -13.30	52.49 3.04 -16.08	49.79 3.15 -12.75	52.42 3.31 -13.10	52.60 3.69 -10.88	52.96 3.70 -8.19	52.40 4.19 -0.01	56.19 4.26 -0.01	52.06 3.58 -4.87	38.21 2.82 -0.10	35.92 2.54 -0.01
N.E._GEN_SANDY PD 24062	35.74 1.04 0.00	33.18 1.21 0.00	31.60 1.21 -0.14	31.00 1.15 -1.15	31.17 1.14 -0.03	34.43 1.14 -0.80	43.63 1.12 0.63	45.21 1.19 0.00	40.77 1.38 0.00	43.19 1.62 0.00	43.00 1.66 -1.82	41.90 1.52 -3.38	40.70 1.49 -2.01	37.78 1.49 0.00	36.00 1.50 -1.13	38.80 1.59 -3.31	40.50 1.76 -2.73	39.89 1.86 0.00	43.01 1.93 0.00	50.27 2.07 0.00	53.89 1.97 0.00	45.31 1.70 0.00	36.71 1.41 0.00	34.70 1.30 -0.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.40 1.70 0.00	33.63 1.66 0.00	31.82 1.57 0.00	30.19 1.49 0.00	31.53 1.53 0.00	33.99 1.49 0.00	45.30 2.16 0.00	46.22 2.20 0.00	41.56 2.17 0.00	44.03 2.45 0.00	42.09 2.57 0.00	39.37 2.37 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.71 2.34 -2.01	38.82 2.41 -2.52	38.60 2.59 0.00	40.91 2.89 0.00	44.00 2.92 0.00	51.53 3.33 0.00	55.19 3.27 0.00	46.36 2.75 0.00	37.34 2.05 0.00	35.14 1.77 0.00
N.QUEENS_27_KV_LOAD 356247	36.58 1.87 0.00	34.11 2.14 -0.01	32.31 2.06 -0.01	30.63 1.92 -0.01	32.02 2.01 -0.01	34.08 1.59 0.00	45.17 2.03 0.00	46.31 2.29 0.00	41.72 2.32 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.52 2.52 0.00	39.65 2.46 0.00	38.87 2.58 0.00	37.16 2.57 -1.22	38.07 2.64 -1.53	38.81 2.81 0.00	41.18 3.16 0.00	44.20 3.12 0.00	51.67 3.47 0.00	55.30 3.37 0.00	46.36 2.75 0.00	37.41 2.12 0.00	35.18 1.80 0.00
N.TROY___115KV_TB1 355778	35.78 1.08 0.00	33.08 1.12 0.00	31.34 1.09 0.00	29.73 1.03 0.00	31.08 1.08 0.00	33.63 1.14 0.00	44.26 1.12 0.00	45.12 1.10 0.00	40.62 1.22 0.00	42.95 1.37 0.00	40.83 1.30 0.00	38.26 1.26 0.00	38.31 1.12 0.00	37.38 1.09 0.00	34.47 1.10 0.00	35.05 1.15 0.00	37.23 1.22 0.00	39.36 1.33 0.00	42.56 1.48 0.00	49.89 1.69 0.00	53.58 1.66 0.00	45.05 1.44 0.00	36.49 1.20 0.00	34.58 1.20 0.00
NARROWS_GT1_1 24228	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT1_2 24229	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00

NARROWS_GT1_3 24230	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT1_4 24231	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT1_5 24232	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT1_6 24233	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT1_7 24234	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT1_8 24235	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT2_1 24236	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT2_2 24237	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT2_3 24238	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT2_4 24239	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT2_5 24240	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT2_6 24241	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT2_7 24242	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NARROWS_GT2_8 24243	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.06 1.35 0.00	33.31 1.34 0.00	31.52 1.27 0.00	29.87 1.18 0.00	31.23 1.23 0.00	33.86 1.36 0.00	44.61 1.47 0.00	45.34 1.32 0.00	40.62 1.22 0.00	42.78 1.21 0.00	40.51 0.99 0.00	37.93 0.93 0.00	37.94 0.74 0.00	37.09 0.80 0.00	34.45 0.80 -0.28	35.19 0.95 -0.35	37.09 1.08 0.00	39.39 1.37 0.00	42.76 1.68 0.00	50.27 2.07 0.00	53.95 2.02 0.00	45.40 1.79 0.00	36.78 1.48 0.00	34.81 1.44 0.00

NCHELSEA_115KV_TR2 355582	36.47 1.77 0.00	33.69 1.73 0.00	31.91 1.66 0.00	30.22 1.52 0.00	31.59 1.59 0.00	34.12 1.62 0.00	45.34 2.20 0.00	46.31 2.29 0.00	41.64 2.25 0.00	44.07 2.49 0.00	42.09 2.57 0.00	39.34 2.33 0.00	39.43 2.23 0.00	38.58 2.29 0.00	36.68 2.24 -1.07	37.58 2.34 -1.35	38.53 2.52 0.00	40.88 2.85 0.00	44.00 2.92 0.00	51.57 3.37 0.00	55.24 3.32 0.00	46.40 2.79 0.00	37.41 2.12 0.00	35.21 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	36.13 1.42 0.00	33.47 1.50 0.00	31.67 1.42 0.00	30.05 1.35 0.00	31.35 1.35 0.00	33.96 1.46 0.00	44.99 1.85 0.00	45.86 1.85 0.00	41.21 1.81 0.00	43.49 1.91 0.00	41.26 1.74 0.00	38.60 1.59 0.00	38.65 1.45 0.00	37.67 1.38 0.00	34.74 1.37 0.00	35.38 1.49 0.00	37.55 1.55 0.00	39.74 1.71 0.00	43.05 1.97 0.00	50.66 2.46 0.00	54.46 2.54 0.00	45.74 2.14 0.00	36.95 1.66 0.00	34.88 1.50 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.46 -1.25 0.00	30.24 -1.73 0.00	28.61 -1.63 0.00	27.18 -1.52 0.00	28.47 -1.53 0.00	30.97 -1.53 0.00	41.67 -1.47 0.00	42.43 -1.58 0.00	37.66 -1.73 0.00	39.45 -2.12 0.00	37.31 -2.21 0.00	35.16 -1.85 0.00	35.56 -1.64 0.00	34.69 -1.60 0.00	31.70 -1.67 0.00	32.30 -1.59 0.00	34.06 -1.94 0.00	35.93 -2.09 0.00	39.11 -1.97 0.00	45.84 -2.36 0.00	49.69 -2.23 0.00	41.82 -1.79 0.00	33.67 -1.62 0.00	31.67 -1.70 0.00
NEG CENTRAL___DRP 24199	34.63 -0.07 0.00	31.64 -0.32 0.00	29.91 -0.33 0.00	28.38 -0.32 0.00	29.67 -0.33 0.00	32.23 -0.26 0.00	43.31 0.17 0.00	44.10 0.09 0.00	39.33 -0.08 -0.01	43.18 -0.21 -1.82	39.79 -0.36 -0.62	36.57 -0.44 -0.01	36.83 -0.37 0.00	35.89 -0.40 0.00	32.80 -0.57 0.00	33.32 -0.58 0.00	35.39 -0.61 0.00	37.46 -0.57 0.00	40.80 -0.29 -0.01	47.97 -0.24 -0.01	51.92 0.00 0.00	43.61 0.00 0.00	35.05 -0.25 0.00	33.08 -0.30 0.00
NEG CENTRAL___INDECK 23768	34.84 0.14 0.00	31.20 -0.77 0.00	29.49 -0.75 0.00	28.01 -0.69 0.00	29.40 -0.60 0.00	32.07 -0.42 0.00	43.53 0.39 0.00	44.06 0.04 0.00	38.94 -0.55 -0.09	59.19 -1.00 -18.61	44.58 -1.30 -6.36	35.91 -1.19 -0.09	36.08 -1.11 0.00	35.24 -1.05 0.00	32.17 -1.20 0.00	32.94 -0.95 0.00	34.74 -1.26 0.00	36.92 -1.14 -0.04	40.63 -0.54 -0.09	48.00 -0.29 -0.09	52.18 0.26 0.00	43.96 0.35 0.00	35.08 -0.21 0.00	32.81 -0.57 0.00
NEG CENTRAL___SENECA 23627	34.70 0.00 0.00	31.61 -0.35 0.00	29.82 -0.42 0.00	28.35 -0.34 0.00	29.61 -0.39 0.00	32.20 -0.29 0.00	43.44 0.30 0.00	44.15 0.13 0.00	39.33 -0.08 -0.01	44.20 -0.25 -2.88	40.07 -0.43 -0.98	36.47 -0.56 -0.01	36.72 -0.48 0.00	35.82 -0.47 0.00	32.63 -0.73 0.00	33.18 -0.71 0.00	35.29 -0.72 0.00	37.38 -0.65 -0.01	40.85 -0.25 -0.01	48.02 -0.19 -0.01	52.08 0.16 0.00	43.70 0.09 0.00	35.05 -0.25 0.00	33.01 -0.37 0.00
NEG CENTRAL___STATE_STREET 24147	34.81 0.10 0.00	31.87 -0.10 0.00	30.13 -0.12 0.00	28.58 -0.11 0.00	29.91 -0.09 0.00	32.49 0.00 0.00	43.53 0.39 0.00	44.41 0.40 0.00	39.64 0.24 0.00	42.48 0.08 -0.82	39.77 -0.04 -0.28	36.86 -0.15 0.00	37.12 -0.07 0.00	36.18 -0.11 0.00	33.10 -0.27 0.00	33.55 -0.34 0.00	35.65 -0.36 0.00	37.68 -0.34 0.00	40.96 -0.12 0.00	48.16 -0.05 0.00	52.02 0.10 0.00	43.65 0.04 0.00	35.19 -0.11 0.00	33.24 -0.13 0.00
NEG MILLWOOD___DRP 24198	36.54 1.84 0.00	33.79 1.82 0.00	32.00 1.75 0.00	30.30 1.61 0.00	31.71 1.71 0.00	34.21 1.72 0.00	45.51 2.37 0.00	46.44 2.42 0.00	41.76 2.36 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.49 2.48 0.00	39.62 2.42 0.00	38.79 2.50 0.00	36.62 2.40 -0.85	37.47 2.51 -1.06	38.67 2.66 0.00	41.03 3.00 0.00	44.12 3.04 0.00	51.67 3.47 0.00	55.35 3.43 0.00	46.53 2.92 0.00	37.48 2.19 0.00	35.28 1.90 0.00
NEG NORTH_FLCN_SEA 23793	34.81 0.10 0.00	32.09 0.13 0.00	30.40 0.15 0.00	28.90 0.20 0.00	30.18 0.18 0.00	32.75 0.26 0.00	43.44 0.30 0.00	44.46 0.44 0.00	39.63 0.24 0.00	41.74 0.17 0.00	39.68 0.16 0.00	37.19 0.19 0.00	37.38 0.19 0.00	36.44 0.15 0.00	33.50 0.13 0.00	33.99 0.10 0.00	36.08 0.07 0.00	38.06 0.04 0.00	41.24 0.16 0.00	48.49 0.29 0.00	52.28 0.36 0.00	43.83 0.22 0.00	35.47 0.18 0.00	33.41 0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	34.39 -0.31 0.00	31.71 -0.26 0.00	30.03 -0.21 0.00	28.55 -0.14 0.00	29.82 -0.18 0.00	32.36 -0.13 0.00	42.88 -0.26 0.00	43.84 -0.18 0.00	39.08 -0.32 0.00	41.16 -0.42 0.00	39.09 -0.43 0.00	36.60 -0.41 0.00	36.79 -0.41 0.00	35.86 -0.44 0.00	33.00 -0.37 0.00	33.52 -0.37 0.00	35.57 -0.43 0.00	37.57 -0.46 0.00	40.71 -0.37 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.30 -0.31 0.00	35.01 -0.28 0.00	33.04 -0.33 0.00
NEG NORTH___ALICE_FALLS 23915	34.88 0.17 0.00	32.16 0.19 0.00	30.43 0.18 0.00	28.93 0.23 0.00	30.21 0.21 0.00	32.82 0.32 0.00	43.53 0.39 0.00	44.54 0.53 0.00	39.67 0.28 0.00	41.78 0.21 0.00	39.68 0.16 0.00	37.19 0.19 0.00	37.38 0.19 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.04 0.04 0.00	38.10 0.08 0.00	41.33 0.25 0.00	48.59 0.39 0.00	52.44 0.52 0.00	43.96 0.35 0.00	35.51 0.21 0.00	33.44 0.07 0.00
NEG NORTH___LWR_SARANAC 23913	34.88 0.17 0.00	32.16 0.19 0.00	30.43 0.18 0.00	28.93 0.23 0.00	30.21 0.21 0.00	32.82 0.32 0.00	43.53 0.39 0.00	44.54 0.53 0.00	39.67 0.28 0.00	41.78 0.21 0.00	39.68 0.16 0.00	37.19 0.19 0.00	37.38 0.19 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.04 0.04 0.00	38.10 0.08 0.00	41.33 0.25 0.00	48.59 0.39 0.00	52.44 0.52 0.00	43.96 0.35 0.00	35.51 0.21 0.00	33.44 0.07 0.00
NEG NORTH___PLATTSBURG 23628	34.88 0.17 0.00	32.16 0.19 0.00	30.43 0.18 0.00	28.93 0.23 0.00	30.21 0.21 0.00	32.82 0.32 0.00	43.53 0.39 0.00	44.55 0.53 0.00	39.67 0.28 0.00	41.78 0.21 0.00	39.68 0.16 0.00	37.19 0.19 0.00	37.39 0.19 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.08 0.07 0.00	38.10 0.08 0.00	41.33 0.25 0.00	48.58 0.38 0.00	52.44 0.52 0.00	43.96 0.35 0.00	35.51 0.21 0.00	33.44 0.07 0.00
NEG WEST_LEA_LOCKPORT 23791	32.38 -2.33 0.00	28.96 -3.00 0.00	27.31 -2.93 0.00	26.00 -2.70 0.00	27.03 -2.97 0.00	29.34 -3.15 0.00	40.03 -3.11 0.00	40.32 -3.70 0.00	35.71 -3.66 0.02	32.71 -4.03 4.83	33.68 -4.15 1.69	32.99 -4.00 0.02	33.67 -3.53 0.00	32.88 -3.41 0.00	29.70 -3.67 0.00	30.06 -3.83 0.00	32.08 -3.92 0.00	33.83 -4.18 0.01	36.82 -4.23 0.02	42.97 -5.21 0.02	47.20 -4.72 0.00	39.90 -3.71 0.00	31.98 -3.32 0.00	29.87 -3.50 0.00
NEG WEST___LANCASTR 23811	32.66 -2.05 0.00	29.31 -2.65 0.00	27.65 -2.60 0.00	26.32 -2.38 0.00	27.39 -2.61 0.00	29.76 -2.73 0.00	40.64 -2.50 0.00	40.85 -3.17 0.00	37.40 -1.97 0.03	34.61 -1.37 5.60	36.54 -1.62 1.37	34.76 -2.22 0.03	34.04 -3.16 0.00	33.24 -3.05 0.00	30.13 -3.24 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.44 -3.57 0.01	37.64 -3.41 0.03	44.56 -3.61 0.03	48.13 -3.79 0.00	40.60 -3.01 0.00	32.40 -2.89 0.00	30.37 -3.00 0.00

NEG_PENN_ALLEGHNY 23528	34.81 0.10 0.00	31.81 -0.16 0.00	30.07 -0.18 0.00	28.53 -0.17 0.00	29.82 -0.18 0.00	32.40 -0.10 0.00	43.40 0.26 0.00	44.15 0.13 0.00	39.52 0.12 0.00	41.78 0.21 0.00	39.64 0.12 0.00	37.01 0.00 0.00	37.12 -0.07 0.00	36.22 -0.07 0.00	33.24 -0.13 0.00	33.86 -0.03 0.00	35.90 -0.11 0.00	37.95 -0.08 0.00	41.12 0.04 0.00	48.30 0.10 0.00	52.18 0.26 0.00	43.83 0.22 0.00	35.26 -0.04 0.00	33.28 -0.10 0.00
NEG___GEN_MONROE 24207	33.77 -0.94 0.00	30.59 -1.37 0.00	28.92 -1.33 0.00	27.46 -1.23 0.00	28.71 -1.29 0.00	31.16 -1.33 0.00	42.10 -1.04 0.00	42.78 -1.23 0.00	37.82 -1.58 0.00	39.54 -2.04 -0.01	37.32 -2.21 -0.01	34.97 -2.04 0.00	35.60 -1.60 0.00	34.66 -1.63 0.00	31.47 -1.90 0.00	31.89 -2.00 0.00	33.95 -2.05 0.00	35.82 -2.21 0.00	39.02 -2.05 0.00	45.64 -2.55 0.00	49.79 -2.13 0.00	41.99 -1.61 0.00	33.67 -1.62 0.00	31.61 -1.77 0.00
NEPA___ENERGY 23901	33.42 -1.28 0.00	30.01 -1.95 0.00	28.31 -1.94 0.00	26.98 -1.72 0.00	28.05 -1.95 0.00	30.48 -2.01 0.00	41.63 -1.51 0.00	41.86 -2.16 0.00	37.36 -2.01 0.03	33.66 -2.12 5.80	35.58 -2.21 1.73	34.72 -2.26 0.03	34.86 -2.34 0.00	34.08 -2.21 0.00	30.90 -2.47 0.00	31.35 -2.54 0.00	33.38 -2.63 0.00	35.24 -2.78 0.01	38.46 -2.59 0.03	45.18 -2.99 0.03	49.27 -2.65 0.00	41.56 -2.05 0.00	33.14 -2.15 0.00	31.07 -2.30 0.00
NEVERSINK___HYD 23608	36.82 2.12 0.00	33.98 2.01 0.00	32.15 1.91 0.00	30.42 1.72 0.00	31.83 1.83 0.00	34.41 1.92 0.00	45.81 2.68 0.00	46.75 2.73 0.00	41.96 2.56 0.00	44.36 2.79 0.00	42.33 2.81 0.00	39.49 2.48 0.00	39.51 2.31 0.00	38.54 2.25 0.00	35.91 2.20 -0.34	36.66 2.34 -0.43	38.71 2.70 0.00	41.07 3.04 0.00	44.16 3.08 0.00	51.86 3.66 0.00	55.66 3.74 0.00	46.70 3.10 0.00	37.59 2.29 0.00	35.31 1.94 0.00
NEWKRMKL_115KV_TB1 55635	35.47 0.76 0.00	32.80 0.83 0.00	31.06 0.82 0.00	29.44 0.75 0.00	30.78 0.78 0.00	33.30 0.81 0.00	43.70 0.56 0.00	44.50 0.48 0.00	40.03 0.63 0.00	42.32 0.75 0.00	40.28 0.75 0.00	37.78 0.78 0.00	37.83 0.63 0.00	36.94 0.65 0.00	34.07 0.70 0.00	34.67 0.78 0.00	36.76 0.76 0.00	38.86 0.84 0.00	41.98 0.90 0.00	49.12 0.92 0.00	52.70 0.78 0.00	44.39 0.78 0.00	36.04 0.74 0.00	34.24 0.87 0.00
NEWTON___FALLS_HYD 23847	34.25 -0.45 0.00	31.58 -0.38 0.00	29.76 -0.48 0.00	28.15 -0.55 0.00	29.55 -0.45 0.00	32.17 -0.32 0.00	42.84 -0.30 0.00	43.75 -0.26 0.00	38.73 -0.67 0.00	40.70 -0.87 0.00	38.58 -0.95 0.00	36.04 -0.96 0.00	36.01 -1.19 0.00	34.88 -1.42 0.00	31.97 -1.40 0.00	32.44 -1.46 0.00	34.46 -1.55 0.00	36.58 -1.44 0.00	39.89 -1.19 0.00	47.28 -0.92 0.00	51.30 -0.62 0.00	43.04 -0.57 0.00	34.91 -0.39 0.00	33.01 -0.37 0.00
NGRID_A1_DSASP 323792	32.19 -2.50 0.02	28.81 -3.13 0.02	27.17 -3.05 0.02	25.86 -2.81 0.02	26.86 -3.12 0.02	29.16 -3.31 0.02	39.75 -3.36 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.37 4.92	33.32 -4.39 1.82	32.85 -4.11 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.65 -3.70 0.02	30.01 -3.86 0.02	32.06 -3.92 0.02	33.74 -4.26 0.03	36.68 -4.35 0.04	42.66 -5.49 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.78 -3.49 0.02	29.72 -3.64 0.02
NGRID_A2_DSASP 323793	32.19 -2.50 0.02	28.81 -3.13 0.02	27.17 -3.05 0.02	25.86 -2.81 0.02	26.86 -3.12 0.02	29.16 -3.31 0.02	39.75 -3.36 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.37 4.92	33.32 -4.39 1.82	32.85 -4.11 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.65 -3.70 0.02	30.01 -3.86 0.02	32.06 -3.92 0.02	33.74 -4.26 0.03	36.68 -4.35 0.04	42.66 -5.49 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.78 -3.49 0.02	29.72 -3.64 0.02
NGRID_A4_DSASP 323807	32.19 -2.50 0.02	28.81 -3.13 0.02	27.17 -3.05 0.02	25.86 -2.81 0.02	26.86 -3.12 0.02	29.16 -3.31 0.02	39.75 -3.36 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.37 4.92	33.32 -4.39 1.82	32.85 -4.11 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.65 -3.70 0.02	30.01 -3.86 0.02	32.06 -3.92 0.02	33.74 -4.26 0.03	36.68 -4.35 0.04	42.66 -5.49 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.78 -3.49 0.02	29.72 -3.64 0.02
NIAGARA_115E_LBMP 323715	31.93 -2.78 0.00	28.10 -3.87 0.00	26.56 -3.69 0.00	25.28 -3.42 0.00	26.49 -3.51 0.00	28.85 -3.64 0.00	39.43 -3.71 0.00	39.53 -4.49 0.00	35.00 -4.37 0.02	32.04 -4.62 4.91	33.01 -4.70 1.81	32.65 -4.33 0.02	33.07 -4.13 0.00	32.34 -3.95 0.00	29.56 -3.80 0.00	30.23 -3.66 0.00	31.68 -4.32 0.00	33.30 -4.72 0.01	36.12 -4.93 0.02	42.20 -5.98 0.02	46.16 -5.76 0.00	39.07 -4.54 0.00	31.48 -3.81 0.00	29.40 -3.97 0.00
NIAGARA_115W_LBMP 323714	32.25 -2.43 0.02	28.40 -3.55 0.02	26.87 -3.36 0.02	25.58 -3.10 0.02	26.77 -3.21 0.02	29.19 -3.28 0.02	39.84 -3.28 0.02	39.99 -4.01 0.02	35.41 -3.94 0.04	32.25 -4.41 4.91	33.21 -4.51 1.81	33.04 -3.92 0.04	33.50 -3.68 0.02	32.72 -3.56 0.02	29.95 -3.40 0.02	30.62 -3.25 0.02	32.13 -3.85 0.02	33.74 -4.26 0.03	36.60 -4.44 0.04	42.71 -5.45 0.04	46.71 -5.19 0.02	39.53 -4.05 0.02	31.82 -3.46 0.02	29.75 -3.61 0.02
NIAGARA_230_LBMP 323716	32.38 -2.32 0.00	28.54 -3.42 0.00	27.01 -3.24 0.00	25.71 -2.99 0.00	26.91 -3.09 0.00	29.34 -3.15 0.00	39.99 -3.15 0.00	40.14 -3.87 0.00	35.59 -3.78 0.02	32.32 -4.36 4.89	33.34 -4.39 1.79	33.21 -3.78 0.02	33.66 -3.53 0.00	32.88 -3.41 0.00	30.10 -3.27 0.00	30.78 -3.12 0.00	32.30 -3.71 0.00	33.91 -4.11 0.01	36.74 -4.31 0.02	42.87 -5.30 0.02	46.88 -5.04 0.00	39.68 -3.92 0.00	31.98 -3.32 0.00	29.90 -3.47 0.00
NIAGARA___115KV_198_GIBSON 55903	32.12 -2.57 0.02	28.75 -3.20 0.02	27.11 -3.12 0.02	25.81 -2.87 0.02	26.83 -3.15 0.02	29.13 -3.35 0.02	39.67 -3.45 0.02	39.99 -4.01 0.02	35.41 -3.94 0.04	32.25 -4.41 4.91	33.29 -4.43 1.81	32.78 -4.18 0.04	33.50 -3.68 0.02	32.71 -3.56 0.02	29.58 -3.77 0.02	29.94 -3.93 0.02	31.99 -4.00 0.02	33.66 -4.33 0.03	36.60 -4.44 0.04	42.56 -5.59 0.04	46.76 -5.14 0.02	39.58 -4.01 0.02	31.71 -3.56 0.02	29.68 -3.67 0.02
NIAGARA____ 23760	32.37 -2.32 0.01	28.54 -3.42 0.01	27.00 -3.24 0.01	25.71 -2.99 0.01	26.90 -3.09 0.01	29.34 -3.15 0.01	39.99 -3.15 0.00	40.14 -3.87 0.00	35.59 -3.78 0.03	32.31 -4.36 4.90	33.34 -4.39 1.80	33.20 -3.78 0.03	33.66 -3.53 0.00	32.87 -3.41 0.00	30.10 -3.27 0.00	30.77 -3.12 0.00	32.29 -3.71 0.00	33.90 -4.11 0.01	36.74 -4.31 0.03	42.87 -5.30 0.03	46.88 -5.04 0.00	39.68 -3.92 0.00	31.97 -3.32 0.00	29.90 -3.47 0.01
NINE_MILE_1 23575	33.80 -0.90 0.00	31.01 -0.96 0.00	29.34 -0.91 0.00	27.84 -0.86 0.00	29.13 -0.87 0.00	31.58 -0.91 0.00	41.98 -1.16 0.00	42.78 -1.23 0.00	38.25 -1.14 0.00	40.33 -1.25 0.00	38.30 -1.23 0.00	35.86 -1.15 0.00	36.08 -1.11 0.00	35.20 -1.09 0.00	32.30 -1.07 0.00	32.78 -1.12 0.00	34.78 -1.22 0.00	36.69 -1.33 0.00	39.64 -1.44 0.00	46.56 -1.64 0.00	50.21 -1.71 0.00	42.17 -1.44 0.00	34.20 -1.09 0.00	32.48 -0.90 0.00

NINE_MILE_2 23744	33.80 -0.90 0.00	31.04 -0.93 0.00	29.34 -0.91 0.00	27.84 -0.86 0.00	29.13 -0.87 0.00	31.58 -0.91 0.00	41.98 -1.16 0.00	42.78 -1.23 0.00	38.25 -1.14 0.00	40.33 -1.25 0.00	38.30 -1.23 0.00	35.86 -1.15 0.00	36.08 -1.11 0.00	35.20 -1.09 0.00	32.30 -1.07 0.00	32.78 -1.12 0.00	34.78 -1.22 0.00	36.69 -1.33 0.00	39.64 -1.44 0.00	46.56 -1.64 0.00	50.21 -1.71 0.00	42.17 -1.44 0.00	34.20 -1.09 0.00	32.48 -0.90 0.00
NM_CAPITAL___DRP 24208	35.50 0.80 0.00	32.83 0.86 0.00	31.09 0.85 0.00	29.47 0.77 0.00	30.81 0.81 0.00	33.34 0.84 0.00	43.74 0.60 0.00	44.54 0.53 0.00	40.11 0.71 0.00	42.41 0.83 0.00	40.36 0.83 0.00	37.86 0.85 0.00	37.91 0.71 0.00	37.05 0.76 0.00	34.14 0.77 0.00	34.74 0.85 0.00	36.87 0.86 0.00	38.97 0.95 0.00	42.06 0.99 0.00	49.21 1.01 0.00	52.80 0.88 0.00	44.48 0.87 0.00	36.11 0.81 0.00	34.28 0.90 0.00
NM_CENTRAL___DRP 24181	34.36 -0.35 0.00	31.55 -0.42 0.00	29.82 -0.42 0.00	28.30 -0.40 0.00	29.58 -0.42 0.00	32.07 -0.42 0.00	42.79 -0.35 0.00	43.66 -0.35 0.00	39.04 -0.35 0.00	41.20 -0.37 0.00	39.09 -0.43 0.00	36.56 -0.44 0.00	36.83 -0.37 0.00	35.89 -0.40 0.00	32.90 -0.47 0.00	33.42 -0.47 0.00	35.50 -0.50 0.00	37.45 -0.57 0.00	40.54 -0.53 0.00	47.57 -0.63 0.00	51.35 -0.57 0.00	43.13 -0.48 0.00	34.87 -0.42 0.00	32.98 -0.40 0.00
NM_FRONTIER___DRP 24179	32.12 -2.57 0.02	28.75 -3.20 0.02	27.11 -3.12 0.02	25.81 -2.87 0.02	26.83 -3.15 0.02	29.13 -3.35 0.02	39.67 -3.45 0.02	39.99 -4.01 0.02	35.41 -3.94 0.04	32.25 -4.41 4.91	33.29 -4.43 1.81	32.78 -4.18 0.04	33.50 -3.68 0.02	32.71 -3.56 0.02	29.58 -3.77 0.02	29.94 -3.93 0.02	31.99 -4.00 0.02	33.66 -4.33 0.03	36.60 -4.44 0.04	42.56 -5.59 0.04	46.76 -5.14 0.02	39.58 -4.01 0.02	31.71 -3.56 0.02	29.68 -3.67 0.02
NM_ST_REGIS___HYD 24053	34.32 -0.38 0.00	31.68 -0.29 0.00	29.97 -0.27 0.00	28.44 -0.26 0.00	29.73 -0.27 0.00	32.33 -0.16 0.00	42.92 -0.22 0.00	43.88 -0.13 0.00	38.92 -0.47 0.00	40.91 -0.67 0.00	38.81 -0.71 0.00	36.34 -0.67 0.00	36.23 -0.97 0.00	35.13 -1.16 0.00	32.17 -1.20 0.00	32.64 -1.25 0.00	34.64 -1.37 0.00	36.66 -1.37 0.00	39.89 -1.19 0.00	47.14 -1.06 0.00	51.19 -0.73 0.00	42.91 -0.70 0.00	34.84 -0.46 0.00	32.91 -0.47 0.00
NORTHPORT___1 23551	37.07 2.36 -0.01	34.30 2.33 0.00	32.43 2.18 0.00	30.74 2.04 0.00	32.16 2.16 0.00	34.73 2.24 0.00	46.26 3.11 -0.01	47.24 3.21 -0.01	50.42 2.96 -8.07	49.88 3.37 -4.94	49.68 3.24 -6.91	49.10 3.00 -9.09	49.05 2.94 -8.91	49.05 2.98 -9.78	48.55 3.04 -12.15	46.86 3.18 -9.78	49.10 3.46 -9.63	49.68 3.65 -8.01	50.55 3.45 -6.02	51.87 3.66 -0.01	55.56 3.63 -0.01	50.55 3.36 -3.58	38.12 2.75 -0.07	35.82 2.44 -0.01
NORTHPORT___2 23552	37.07 2.36 -0.01	34.30 2.33 0.00	32.43 2.18 0.00	30.74 2.04 0.00	32.16 2.16 0.00	34.73 2.24 0.00	46.26 3.11 -0.01	47.24 3.21 -0.01	50.42 2.96 -8.07	49.88 3.37 -4.94	49.68 3.24 -6.91	49.10 3.00 -9.09	49.05 2.94 -8.91	49.05 2.98 -9.78	48.55 3.04 -12.15	46.86 3.18 -9.78	49.10 3.46 -9.63	49.68 3.65 -8.01	50.55 3.45 -6.02	51.87 3.66 -0.01	55.56 3.63 -0.01	50.55 3.36 -3.58	38.12 2.75 -0.07	35.82 2.44 -0.01
NORTHPORT___3 23553	35.95 2.33 1.08	33.53 2.33 0.76	31.72 2.15 0.68	29.96 2.01 0.74	31.28 2.13 0.85	33.69 2.21 1.01	45.54 3.06 0.67	46.56 3.17 0.63	49.75 2.92 -7.44	49.32 3.33 -4.42	49.14 3.20 -6.41	48.66 2.96 -8.69	48.66 2.90 -8.56	48.66 2.94 -9.43	48.55 3.00 -12.17	46.77 3.15 -9.73	48.66 3.42 -9.23	49.15 3.61 -7.51	49.82 3.45 -5.29	50.37 3.62 1.45	53.39 3.58 2.11	49.04 3.36 -2.08	37.02 2.72 0.99	34.88 2.40 0.90
NORTHPORT___4 23650	35.95 2.33 1.08	33.53 2.33 0.76	31.72 2.15 0.68	29.96 2.01 0.74	31.28 2.13 0.85	33.69 2.21 1.01	45.54 3.06 0.67	46.56 3.17 0.63	49.75 2.92 -7.44	49.32 3.33 -4.42	49.14 3.20 -6.41	48.66 2.96 -8.69	48.66 2.90 -8.56	48.66 2.94 -9.43	48.55 3.00 -12.17	46.77 3.15 -9.73	48.66 3.42 -9.23	49.15 3.61 -7.51	49.82 3.45 -5.29	50.37 3.62 1.45	53.39 3.58 2.11	49.04 3.36 -2.08	37.02 2.72 0.99	34.88 2.40 0.90
NORTHPORT___IC 23718	37.18 2.46 -0.01	34.36 2.40 0.00	32.48 2.24 0.00	30.79 2.09 0.00	32.22 2.22 0.00	34.77 2.27 0.00	46.34 3.19 -0.01	47.24 3.21 -0.01	50.46 2.99 -8.07	49.88 3.37 -4.94	49.68 3.24 -6.91	49.10 3.00 -9.09	49.05 2.94 -8.91	49.05 2.98 -9.78	48.52 3.00 -12.15	46.79 3.12 -9.78	48.84 3.20 -9.63	49.53 3.50 -8.01	50.51 3.41 -6.02	51.87 3.66 -0.01	55.46 3.53 -0.01	50.51 3.31 -3.58	38.12 2.75 -0.07	35.85 2.47 -0.01
NORTH___COUNTRY_ESR 323785	34.32 -0.38 0.00	31.64 -0.32 0.00	29.97 -0.27 0.00	28.47 -0.23 0.00	29.76 -0.24 0.00	32.27 -0.23 0.00	42.79 -0.35 0.00	43.75 -0.26 0.00	39.00 -0.39 0.00	41.16 -0.42 0.00	39.13 -0.40 0.00	36.64 -0.37 0.00	36.86 -0.34 0.00	35.89 -0.40 0.00	33.00 -0.37 0.00	33.52 -0.37 0.00	35.58 -0.43 0.00	37.57 -0.45 0.00	40.67 -0.41 0.00	47.76 -0.43 0.00	51.50 -0.42 0.00	43.17 -0.44 0.00	34.94 -0.35 0.00	32.94 -0.43 0.00
NPX_GEN_1385_PROXY 323591	37.07 2.36 -0.01	34.30 2.33 0.00	32.43 2.18 0.00	30.74 2.04 0.00	32.16 2.16 0.00	34.73 2.24 0.00	46.26 3.11 -0.01	47.24 3.21 -0.01	50.42 2.96 -8.07	49.88 3.37 -4.94	49.68 3.24 -6.91	49.10 3.00 -9.09	49.05 2.94 -8.91	49.05 2.98 -9.78	48.55 3.04 -12.15	46.86 3.18 -9.78	49.10 3.46 -9.63	49.68 3.65 -8.01	50.55 3.45 -6.02	51.87 3.66 -0.01	55.56 3.63 -0.01	50.55 3.36 -3.58	38.12 2.75 -0.07	35.82 2.44 -0.01
NPX_GEN_CSC 323557	64.60 3.12 -26.77	53.67 2.97 -18.73	49.58 2.75 -16.58	49.59 2.61 -18.29	53.65 2.73 -20.93	60.28 2.89 -24.90	63.78 4.05 -16.58	63.82 4.18 -15.62	67.14 3.82 -23.92	63.85 4.24 -18.03	63.28 4.07 -19.68	60.30 3.74 -19.56	59.09 3.65 -18.24	59.05 3.66 -19.09	49.28 3.64 -12.27	49.28 3.76 -11.62	60.26 4.14 -20.11	63.19 4.41 -20.75	69.75 4.35 -24.32	88.83 4.82 -35.81	108.92 4.98 -52.01	88.90 4.45 -40.84	65.03 3.53 -26.21	58.80 3.10 -22.32
NSINS_S_GLNS_FALLS 23858	36.51 1.80 0.00	33.79 1.82 0.00	31.94 1.69 0.00	30.30 1.61 0.00	31.65 1.65 0.00	34.34 1.85 0.00	45.56 2.42 0.00	46.39 2.38 0.00	41.60 2.21 0.00	43.86 2.29 0.00	41.54 2.02 0.00	38.86 1.85 0.00	38.80 1.60 0.00	37.67 1.38 0.00	34.70 1.33 0.00	35.35 1.46 0.00	37.48 1.48 0.00	39.77 1.75 0.00	43.21 2.14 0.00	51.04 2.84 0.00	54.93 3.01 0.00	46.05 2.44 0.00	37.20 1.91 0.00	35.18 1.80 0.00
NUCOR_STEEL___DRP 24197	34.91 0.21 0.00	32.03 0.06 0.00	30.28 0.03 0.00	28.70 0.00 0.00	30.03 0.03 0.00	32.62 0.13 0.00	43.61 0.47 0.00	44.46 0.44 0.00	39.71 0.32 0.00	41.78 0.21 0.00	39.60 0.08 0.00	37.01 0.00 0.00	37.27 0.07 0.00	36.29 0.00 0.00	33.24 -0.13 0.00	33.62 -0.27 0.00	35.72 -0.29 0.00	37.76 -0.27 0.00	41.00 -0.08 0.00	48.20 0.00 0.00	52.08 0.16 0.00	43.70 0.09 0.00	35.26 -0.04 0.00	33.34 -0.03 0.00

NUMBER_THREE_WT_PWR 323818	34.88 0.17 0.00	32.09 0.13 0.00	30.13 -0.12 0.00	28.44 -0.26 0.00	29.91 -0.09 0.00	32.66 0.16 0.00	43.66 0.52 0.00	44.55 0.53 0.00	39.48 0.08 0.00	41.53 -0.04 0.00	39.29 -0.24 0.00	36.64 -0.37 0.00	36.79 -0.41 0.00	35.67 -0.62 0.00	32.73 -0.64 0.00	33.18 -0.71 0.00	35.32 -0.69 0.00	37.57 -0.45 0.00	41.00 -0.08 0.00	48.73 0.53 0.00	52.70 0.78 0.00	44.22 0.61 0.00	35.79 0.49 0.00	33.78 0.40 0.00
NYISO_LBMP_REFERENCE 24008	34.70 0.00 0.00	31.96 0.00 0.00	30.25 0.00 0.00	28.70 0.00 0.00	30.00 0.00 0.00	32.49 0.00 0.00	43.14 0.00 0.00	44.02 0.00 0.00	39.40 0.00 0.00	41.57 0.00 0.00	39.53 0.00 0.00	37.01 0.00 0.00	37.20 0.00 0.00	36.29 0.00 0.00	33.37 0.00 0.00	33.89 0.00 0.00	36.01 0.00 0.00	38.02 0.00 0.00	41.08 0.00 0.00	48.20 0.00 0.00	51.92 0.00 0.00	43.61 0.00 0.00	35.29 0.00 0.00	33.38 0.00 0.00
NYPA_BRENTWD____GT 24164	42.80 2.81 -5.29	38.35 2.69 -3.70	36.03 2.51 -3.27	34.66 2.35 -3.61	36.62 2.49 -4.13	40.01 2.60 -4.91	50.08 3.66 -3.28	50.89 3.79 -3.09	54.29 3.51 -11.39	53.12 3.91 -7.64	52.88 3.76 -9.60	51.82 3.44 -11.38	51.55 3.38 -10.97	51.59 3.45 -11.85	49.24 3.44 -12.43	47.82 3.59 -10.34	51.86 3.93 -11.93	52.92 4.18 -10.71	54.96 4.11 -9.78	59.76 4.48 -7.07	66.71 4.51 -10.27	58.69 4.06 -11.02	43.74 3.21 -5.23	40.59 2.80 -4.41
NYPA_GOWANUS____GT5 24156	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NYPA_GOWANUS____GT6 24157	36.79 2.08 -0.01	34.11 2.14 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.28 1.79 0.00	45.60 2.46 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.78 2.78 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.46 2.87 -1.22	38.41 2.98 -1.53	39.43 3.42 0.00	41.72 3.69 -0.01	44.62 3.53 -0.01	52.16 3.95 -0.01	55.98 4.05 -0.01	46.93 3.31 -0.01	37.77 2.47 -0.01	35.45 2.07 0.00
NYPA_HARLEM__RVR__GT1 24160	36.47 1.77 0.00	34.02 2.05 -0.01	32.22 1.96 -0.01	30.57 1.86 -0.01	31.90 1.89 -0.01	34.05 1.56 0.00	45.03 1.90 0.01	46.21 2.20 0.01	41.63 2.24 0.01	44.23 2.66 0.01	42.24 2.73 0.01	39.44 2.44 0.01	39.57 2.38 0.01	38.82 2.54 0.01	37.11 2.53 -1.21	38.06 2.65 -1.52	39.06 3.06 0.01	41.32 3.31 0.01	44.15 3.08 0.01	51.56 3.37 0.01	55.29 3.37 0.01	46.39 2.79 0.01	37.38 2.08 0.00	35.11 1.73 0.00
NYPA_HARLEM__RVR__GT2 24161	36.47 1.77 0.00	34.02 2.05 -0.01	32.22 1.96 -0.01	30.57 1.86 -0.01	31.90 1.89 -0.01	34.05 1.56 0.00	45.03 1.90 0.01	46.21 2.20 0.01	41.63 2.24 0.01	44.23 2.66 0.01	42.24 2.73 0.01	39.44 2.44 0.01	39.57 2.38 0.01	38.82 2.54 0.01	37.11 2.53 -1.21	38.06 2.65 -1.52	39.06 3.06 0.01	41.32 3.31 0.01	44.15 3.08 0.01	51.56 3.37 0.01	55.29 3.37 0.01	46.39 2.79 0.01	37.38 2.08 0.00	35.11 1.73 0.00
NYPA_KENT____GT 24152	36.69 1.98 0.00	34.05 2.08 -0.01	32.22 1.96 -0.01	30.57 1.86 -0.01	31.90 1.89 -0.01	34.21 1.72 0.00	45.51 2.37 0.00	46.66 2.64 0.00	41.96 2.56 0.00	44.57 3.00 0.00	42.57 3.04 0.00	39.74 2.74 0.00	39.88 2.68 0.00	39.12 2.83 0.00	37.39 2.80 -1.22	38.34 2.92 -1.53	39.36 3.35 0.00	41.64 3.61 0.00	44.53 3.45 0.00	52.01 3.81 0.00	55.82 3.90 0.00	46.79 3.18 0.00	37.66 2.37 0.00	35.38 2.00 0.00
NYPA_POUCH1____GT 24155	36.90 2.19 -0.01	34.24 2.27 -0.01	32.40 2.15 -0.01	30.74 2.04 -0.01	32.08 2.07 -0.01	34.34 1.85 0.00	45.68 2.54 0.00	46.84 2.82 0.00	42.08 2.68 0.00	44.69 3.12 0.00	42.69 3.16 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.49 2.90 -1.22	38.44 3.02 -1.53	39.46 3.46 0.00	41.76 3.73 -0.01	44.66 3.57 -0.01	52.21 4.00 -0.01	56.03 4.10 -0.01	47.02 3.40 -0.01	37.88 2.58 -0.01	35.54 2.17 0.00
NYPA_VERNON____GT2 24162	36.58 1.87 0.00	33.96 1.98 -0.01	32.13 1.88 -0.01	30.49 1.78 -0.01	31.84 1.83 -0.01	34.15 1.66 0.00	45.42 2.28 0.00	46.57 2.55 0.00	41.88 2.48 0.00	44.48 2.91 0.00	42.49 2.97 0.00	39.67 2.67 0.00	39.80 2.60 0.00	39.05 2.76 0.00	37.32 2.74 -1.22	38.27 2.85 -1.53	39.25 3.24 0.00	41.52 3.50 0.00	44.41 3.33 0.00	51.86 3.66 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.56 2.26 0.00	35.28 1.90 0.00
NYPA_VERNON____GT3 24163	36.58 1.87 0.00	33.96 1.98 -0.01	32.13 1.88 -0.01	30.49 1.78 -0.01	31.84 1.83 -0.01	34.15 1.66 0.00	45.42 2.28 0.00	46.57 2.55 0.00	41.88 2.48 0.00	44.48 2.91 0.00	42.49 2.97 0.00	39.67 2.67 0.00	39.80 2.60 0.00	39.05 2.76 0.00	37.32 2.74 -1.22	38.27 2.85 -1.53	39.25 3.24 0.00	41.52 3.50 0.00	44.41 3.33 0.00	51.86 3.66 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.56 2.26 0.00	35.28 1.90 0.00
NYPA__ASTORIA_CC1 323568	36.54 1.84 0.00	33.95 1.98 -0.01	32.13 1.88 -0.01	30.49 1.78 -0.01	31.84 1.83 -0.01	34.12 1.62 0.00	45.30 2.16 0.00	46.44 2.42 0.00	41.80 2.40 0.00	44.40 2.83 0.00	42.41 2.88 0.00	39.60 2.59 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.20 2.78 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.32 3.24 0.00	51.77 3.57 0.00	55.50 3.58 0.00	46.58 2.97 0.00	37.52 2.22 0.00	35.24 1.87 0.00
NYPA__ASTORIA_CC2 323569	36.54 1.84 0.00	33.95 1.98 -0.01	32.13 1.88 -0.01	30.49 1.78 -0.01	31.84 1.83 -0.01	34.12 1.62 0.00	45.30 2.16 0.00	46.44 2.42 0.00	41.80 2.40 0.00	44.40 2.83 0.00	42.41 2.88 0.00	39.60 2.59 0.00	39.73 2.53 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.20 2.78 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.32 3.24 0.00	51.77 3.57 0.00	55.50 3.58 0.00	46.58 2.97 0.00	37.52 2.22 0.00	35.24 1.87 0.00
NYPA__HOLTSVILL 23794	63.72 2.74 -26.28	53.00 2.65 -18.38	49.00 2.48 -16.27	49.00 2.35 -17.95	53.00 2.46 -20.54	59.50 2.57 -24.44	62.95 3.54 -16.28	63.04 3.70 -15.33	66.41 3.39 -23.63	63.14 3.78 -17.79	62.64 3.68 -19.44	59.73 3.37 -19.36	58.57 3.31 -18.06	58.58 3.38 -18.91	49.00 3.37 -12.26	49.00 3.52 -11.58	59.73 3.81 -19.91	62.61 4.07 -20.51	69.00 3.94 -23.98	87.64 4.29 -35.15	107.34 4.36 -51.05	87.64 3.88 -40.16	64.13 3.11 -25.73	58.06 2.77 -21.91
NYPA__HELLGATE_GT1 24158	36.47 1.77 0.00	34.02 2.05 -0.01	32.22 1.96 -0.01	30.57 1.86 -0.01	31.90 1.89 -0.01	34.05 1.56 0.00	45.03 1.90 0.01	46.21 2.20 0.01	41.63 2.24 0.01	44.23 2.66 0.01	42.24 2.73 0.01	39.44 2.44 0.01	39.57 2.38 0.01	38.82 2.54 0.01	37.11 2.53 -1.21	38.06 2.65 -1.52	39.06 3.06 0.01	41.32 3.31 0.01	44.15 3.08 0.01	51.56 3.37 0.01	55.29 3.37 0.01	46.39 2.79 0.01	37.38 2.08 0.00	35.11 1.73 0.00

NYPA_____HELLGATE_GT2 24159	36.47 1.77 0.00	34.02 2.05 -0.01	32.22 1.96 -0.01	30.57 1.86 -0.01	31.90 1.89 -0.01	34.05 1.56 0.00	45.03 1.90 0.01	46.21 2.20 0.01	41.63 2.24 0.01	44.23 2.66 0.01	42.24 2.73 0.01	39.44 2.44 0.01	39.57 2.38 0.01	38.82 2.54 0.01	37.11 2.53 -1.21	38.06 2.65 -1.52	39.06 3.06 0.01	41.32 3.31 0.01	44.15 3.08 0.01	51.56 3.37 0.01	55.29 3.37 0.01	46.39 2.79 0.01	37.38 2.08 0.00	35.11 1.73 0.00
NYS_BARGE____HYD 23848	32.48 -2.22 0.00	28.61 -3.36 0.00	27.04 -3.21 0.00	25.74 -2.96 0.00	26.97 -3.03 0.00	29.40 -3.09 0.00	40.16 -2.98 0.00	40.32 -3.70 0.00	35.71 -3.66 0.02	33.06 -3.99 4.52	33.82 -4.11 1.59	33.21 -3.78 0.02	33.63 -3.57 0.00	32.88 -3.41 0.00	30.03 -3.34 0.00	30.74 -3.15 0.00	32.23 -3.78 0.00	33.91 -4.11 0.01	36.83 -4.23 0.02	43.12 -5.06 0.02	47.14 -4.78 0.00	39.86 -3.75 0.00	32.08 -3.21 0.00	29.94 -3.44 0.00
OAK ORCHARD____HYD 24046	33.91 -0.80 0.00	30.49 -1.47 0.00	28.86 -1.39 0.00	27.41 -1.29 0.00	28.74 -1.26 0.00	31.26 -1.23 0.00	42.19 -0.95 0.00	42.87 -1.14 0.00	37.94 -1.46 0.00	39.71 -1.87 -0.01	37.55 -1.98 0.00	35.45 -1.55 0.00	35.90 -1.30 0.00	35.02 -1.27 0.00	32.00 -1.37 0.00	32.60 -1.29 0.00	34.39 -1.62 0.00	36.28 -1.75 0.00	39.48 -1.60 0.00	46.22 -1.98 0.00	50.21 -1.71 0.00	42.30 -1.31 0.00	34.03 -1.27 0.00	31.94 -1.43 0.00
OAKDALE____35_KV_LOAD 356122	34.74 0.03 0.00	31.80 -0.16 0.00	30.06 -0.18 0.00	28.53 -0.17 0.00	29.79 -0.21 0.00	32.33 -0.16 0.00	43.27 0.13 0.00	44.02 0.00 0.00	39.44 0.04 0.00	41.62 0.04 0.00	39.56 0.04 0.00	36.93 -0.07 0.00	37.05 -0.15 0.00	36.15 -0.15 0.00	33.14 -0.23 0.00	33.66 -0.24 0.00	35.79 -0.22 0.00	37.83 -0.19 0.00	41.04 -0.04 0.00	48.20 0.00 0.00	52.02 0.10 0.00	43.70 0.09 0.00	35.19 -0.11 0.00	33.21 -0.17 0.00
OCC_CHEM____DRP 24175	32.19 -2.50 0.02	28.81 -3.13 0.02	27.17 -3.05 0.02	25.86 -2.81 0.02	26.86 -3.12 0.02	29.16 -3.31 0.02	39.75 -3.36 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.37 4.92	33.32 -4.39 1.82	32.85 -4.11 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.65 -3.70 0.02	30.01 -3.86 0.02	32.06 -3.92 0.02	33.74 -4.26 0.03	36.68 -4.35 0.04	42.66 -5.49 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.78 -3.49 0.02	29.72 -3.64 0.02
OH_GEN_PROXY 24063	32.48 -2.22 0.00	28.64 -3.33 0.00	27.10 -3.15 0.00	25.80 -2.90 0.00	27.00 -3.00 0.00	29.44 -3.06 0.00	40.16 -2.98 0.00	40.36 -3.65 0.00	35.75 -3.62 0.02	33.01 -4.20 4.37	33.70 -4.23 1.60	33.36 -3.63 0.02	33.81 -3.38 0.00	33.02 -3.27 0.00	30.20 -3.17 0.00	30.91 -2.98 0.00	32.44 -3.57 0.00	34.10 -3.92 0.01	36.95 -4.11 0.02	43.12 -5.06 0.02	47.14 -4.78 0.00	39.90 -3.71 0.00	32.08 -3.21 0.00	30.00 -3.37 0.01
OLIN_CORP_DRP 24177	31.89 -2.81 0.00	28.51 -3.45 0.00	26.89 -3.36 0.00	25.60 -3.10 0.00	26.61 -3.39 0.00	28.85 -3.64 0.00	39.34 -3.80 0.00	39.66 -4.36 0.00	35.12 -4.25 0.02	31.97 -4.57 5.03	32.97 -4.66 1.89	32.47 -4.51 0.02	33.18 -4.02 0.00	32.41 -3.88 0.00	29.26 -4.10 0.00	29.62 -4.27 0.00	31.65 -4.36 0.00	33.34 -4.68 0.01	36.25 -4.81 0.02	42.15 -6.02 0.02	46.31 -5.61 0.00	39.20 -4.40 0.00	31.45 -3.85 0.00	29.40 -3.97 0.00
OLIN_CORP_DSASP 323712	32.19 -2.50 0.02	28.81 -3.13 0.02	27.17 -3.05 0.02	25.86 -2.81 0.02	26.86 -3.12 0.02	29.16 -3.31 0.02	39.75 -3.36 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.37 4.92	33.32 -4.39 1.82	32.85 -4.11 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.65 -3.70 0.02	30.01 -3.86 0.02	32.06 -3.92 0.02	33.74 -4.26 0.03	36.68 -4.35 0.04	42.66 -5.49 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.78 -3.49 0.02	29.72 -3.64 0.02
ONEIDA_HERK_LFGE 323681	35.29 0.59 0.00	32.47 0.51 0.00	30.58 0.33 0.00	28.87 0.17 0.00	30.36 0.36 0.00	33.04 0.55 0.00	44.13 0.99 0.00	45.03 1.01 0.00	40.02 0.63 0.00	42.11 0.54 0.00	39.88 0.35 0.00	37.23 0.22 0.00	37.39 0.19 0.00	36.33 0.04 0.00	33.34 -0.03 0.00	33.83 -0.07 0.00	36.01 0.00 0.00	38.22 0.19 0.00	41.57 0.49 0.00	49.26 1.06 0.00	53.16 1.24 0.00	44.65 1.04 0.00	36.07 0.78 0.00	34.04 0.67 0.00
ONEIDA____115KV_TB4 55905	35.43 0.73 0.00	32.57 0.61 0.00	30.76 0.51 0.00	29.10 0.40 0.00	30.54 0.54 0.00	33.14 0.65 0.00	44.22 1.08 0.00	45.12 1.10 0.00	40.22 0.83 0.00	42.32 0.75 0.00	40.12 0.59 0.00	37.45 0.44 0.00	37.65 0.45 0.00	36.65 0.36 0.00	33.67 0.30 0.00	34.16 0.27 0.00	36.37 0.36 0.00	38.52 0.49 0.00	41.82 0.74 0.00	49.36 1.16 0.00	53.22 1.30 0.00	44.70 1.09 0.00	36.07 0.78 0.00	34.04 0.67 0.00
ONONDAGA_REF_OCCRA 23987	34.50 -0.21 0.00	31.68 -0.29 0.00	29.94 -0.30 0.00	28.41 -0.29 0.00	29.70 -0.30 0.00	32.23 -0.26 0.00	43.01 -0.13 0.00	43.88 -0.13 0.00	39.24 -0.16 0.00	41.37 -0.21 0.00	39.25 -0.28 0.00	36.71 -0.30 0.00	36.94 -0.26 0.00	36.00 -0.29 0.00	33.00 -0.37 0.00	33.55 -0.34 0.00	35.65 -0.36 0.00	37.64 -0.38 0.00	40.75 -0.33 0.00	47.81 -0.39 0.00	51.66 -0.26 0.00	43.35 -0.26 0.00	35.01 -0.28 0.00	33.14 -0.23 0.00
ONONDAGA____COGEN 23986	34.53 -0.17 0.00	31.71 -0.26 0.00	29.97 -0.27 0.00	28.44 -0.26 0.00	29.73 -0.27 0.00	32.27 -0.23 0.00	43.05 -0.09 0.00	43.93 -0.09 0.00	39.28 -0.12 0.00	41.41 -0.17 0.00	39.29 -0.24 0.00	36.75 -0.26 0.00	37.01 -0.19 0.00	36.07 -0.22 0.00	33.07 -0.30 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.64 -0.38 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.39 -0.22 0.00	35.08 -0.21 0.00	33.18 -0.20 0.00
ONTARIO____LFGE 23819	34.77 0.07 0.00	31.49 -0.48 0.00	29.76 -0.49 0.00	28.27 -0.43 0.00	29.61 -0.39 0.00	32.23 -0.26 0.00	43.48 0.34 0.00	44.15 0.13 0.00	39.33 -0.08 -0.01	44.20 -0.25 -2.88	40.07 -0.43 -0.98	36.54 -0.48 -0.01	36.71 -0.48 0.00	35.82 -0.47 0.00	32.73 -0.64 0.00	33.39 -0.51 0.00	35.32 -0.69 0.00	37.42 -0.61 -0.01	40.81 -0.29 -0.01	48.02 -0.19 -0.01	52.02 0.10 0.00	43.70 0.09 0.00	35.08 -0.21 0.00	33.04 -0.33 0.00
ORANGEVILLE_WT_PWR 323706	33.25 -1.46 0.00	29.53 -2.43 0.00	27.89 -2.36 0.00	26.52 -2.18 0.00	27.75 -2.25 0.00	30.22 -2.28 0.00	41.24 -1.90 0.00	41.38 -2.64 0.00	36.71 -2.60 0.08	21.95 -2.79 16.84	31.05 -2.88 5.59	34.15 -2.78 0.08	34.45 -2.75 0.00	33.68 -2.61 0.00	30.83 -2.54 0.00	31.55 -2.34 0.00	33.16 -2.85 0.00	35.03 -2.97 0.03	38.08 -2.92 0.08	44.84 -3.28 0.08	48.96 -2.96 0.00	41.25 -2.36 0.00	33.07 -2.22 0.00	30.94 -2.44 0.00
ORANGEVILLE____ESR 323794	33.25 -1.46 0.00	29.53 -2.43 0.00	27.89 -2.36 0.00	26.52 -2.18 0.00	27.75 -2.25 0.00	30.22 -2.28 0.00	41.24 -1.90 0.00	41.38 -2.64 0.00	36.71 -2.60 0.08	21.95 -2.79 16.84	31.05 -2.88 5.59	34.15 -2.78 0.08	34.45 -2.75 0.00	33.68 -2.61 0.00	30.83 -2.54 0.00	31.55 -2.34 0.00	33.16 -2.85 0.00	35.03 -2.97 0.03	38.08 -2.92 0.08	44.84 -3.28 0.08	48.96 -2.96 0.00	41.25 -2.36 0.00	33.07 -2.22 0.00	30.94 -2.44 0.00

OSWEGATCHIE___HYD 24044	34.25 -0.45 0.00	31.58 -0.38 0.00	29.76 -0.49 0.00	28.15 -0.55 0.00	29.52 -0.48 0.00	32.17 -0.32 0.00	42.84 -0.30 0.00	43.75 -0.26 0.00	38.73 -0.67 0.00	40.70 -0.88 0.00	38.58 -0.95 0.00	36.04 -0.96 0.00	36.01 -1.19 0.00	34.87 -1.42 0.00	31.94 -1.43 0.00	32.40 -1.49 0.00	34.46 -1.55 0.00	36.58 -1.44 0.00	39.89 -1.19 0.00	47.28 -0.92 0.00	51.30 -0.62 0.00	43.00 -0.61 0.00	34.91 -0.39 0.00	33.01 -0.37 0.00
OSWEGO___5 23606	34.04 -0.66 0.00	31.20 -0.77 0.00	29.52 -0.73 0.00	28.01 -0.69 0.00	29.28 -0.72 0.00	31.78 -0.71 0.00	42.28 -0.86 0.00	43.09 -0.93 0.00	38.53 -0.87 0.00	40.58 -1.00 0.00	38.54 -0.99 0.00	36.12 -0.89 0.00	36.31 -0.89 0.00	35.42 -0.87 0.00	32.50 -0.87 0.00	32.98 -0.91 0.00	35.00 -1.01 0.00	36.96 -1.06 0.00	39.93 -1.15 0.00	46.90 -1.30 0.00	50.57 -1.35 0.00	42.52 -1.09 0.00	34.45 -0.85 0.00	32.67 -0.70 0.00
OSWEGO___6 23613	34.04 -0.66 0.00	31.20 -0.77 0.00	29.52 -0.73 0.00	28.01 -0.69 0.00	29.28 -0.72 0.00	31.78 -0.71 0.00	42.28 -0.86 0.00	43.09 -0.93 0.00	38.53 -0.87 0.00	40.58 -1.00 0.00	38.54 -0.99 0.00	36.12 -0.89 0.00	36.31 -0.89 0.00	35.42 -0.87 0.00	32.50 -0.87 0.00	32.98 -0.91 0.00	35.00 -1.01 0.00	36.96 -1.06 0.00	39.93 -1.15 0.00	46.90 -1.30 0.00	50.57 -1.35 0.00	42.52 -1.09 0.00	34.45 -0.85 0.00	32.67 -0.70 0.00
OUTOKUMPU-AB___DRP 24206	32.93 -1.77 0.00	29.50 -2.46 0.00	27.80 -2.45 0.00	26.46 -2.24 0.00	27.54 -2.46 0.00	29.86 -2.63 0.00	40.81 -2.33 0.00	41.07 -2.95 0.00	36.53 -2.84 0.03	33.03 -3.08 5.47	34.49 -3.32 1.72	33.76 -3.22 0.03	34.22 -2.98 0.00	33.42 -2.87 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.48 -3.54 0.01	37.56 -3.49 0.03	43.93 -4.24 0.03	48.18 -3.74 0.00	40.69 -2.92 0.00	32.58 -2.72 0.00	30.41 -2.97 0.00
OXBOW___BTM 323836	32.39 -2.29 0.02	28.56 -3.39 0.02	26.99 -3.24 0.02	25.69 -2.99 0.02	26.89 -3.09 0.02	29.32 -3.15 0.02	40.01 -3.11 0.02	40.17 -3.83 0.02	35.61 -3.74 0.04	32.42 -4.24 4.92	33.36 -4.35 1.81	33.23 -3.74 0.04	33.64 -3.53 0.02	32.86 -3.41 0.02	30.08 -3.27 0.02	30.76 -3.12 0.02	32.28 -3.71 0.02	33.93 -4.07 0.03	36.76 -4.27 0.04	42.95 -5.21 0.04	46.92 -4.98 0.02	39.71 -3.88 0.02	31.99 -3.28 0.02	29.88 -3.47 0.02
OXBOW___ 24026	32.25 -2.43 0.02	28.88 -3.07 0.02	27.23 -2.99 0.02	25.92 -2.75 0.02	26.95 -3.03 0.02	29.26 -3.22 0.02	39.88 -3.24 0.02	40.17 -3.83 0.02	35.61 -3.74 0.04	32.42 -4.24 4.92	33.40 -4.31 1.82	32.93 -4.03 0.04	33.65 -3.53 0.02	32.86 -3.41 0.02	29.71 -3.64 0.02	30.08 -3.80 0.02	32.13 -3.85 0.02	33.81 -4.18 0.03	36.76 -4.27 0.04	42.76 -5.40 0.04	46.97 -4.93 0.02	39.75 -3.84 0.02	31.89 -3.39 0.02	29.82 -3.54 0.02
OXY_CHEM_DSASP 323612	32.19 -2.50 0.02	28.81 -3.13 0.02	27.17 -3.05 0.02	25.86 -2.81 0.02	26.86 -3.12 0.02	29.16 -3.31 0.02	39.75 -3.36 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.37 4.92	33.32 -4.39 1.82	32.85 -4.11 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.65 -3.70 0.02	30.01 -3.86 0.02	32.06 -3.92 0.02	33.74 -4.26 0.03	36.68 -4.35 0.04	42.66 -5.49 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.78 -3.49 0.02	29.72 -3.64 0.02
OZONE_PARK_ESR 323760	36.82 2.12 0.00	34.04 2.08 0.00	32.21 1.97 0.00	30.56 1.87 0.00	31.95 1.95 0.00	34.34 1.85 0.00	45.86 2.72 0.00	46.88 2.86 0.00	42.15 2.76 0.00	44.73 3.16 0.00	42.77 3.24 0.00	39.93 2.92 0.00	40.06 2.86 0.00	39.23 2.94 0.00	37.49 2.90 -1.22	38.41 2.98 -1.53	39.17 3.17 0.00	41.60 3.57 0.00	44.65 3.57 0.00	52.25 4.05 0.00	55.97 4.05 0.00	46.92 3.31 0.00	37.77 2.47 0.00	35.48 2.10 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.19 -2.50 0.02	28.81 -3.13 0.02	27.17 -3.05 0.02	25.86 -2.81 0.02	26.86 -3.12 0.02	29.16 -3.31 0.02	39.75 -3.36 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.37 4.92	33.32 -4.39 1.82	32.85 -4.11 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.65 -3.70 0.02	30.01 -3.86 0.02	32.06 -3.92 0.02	33.74 -4.26 0.03	36.68 -4.35 0.04	42.66 -5.49 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.78 -3.49 0.02	29.72 -3.64 0.02
PACKARD___115KV_DUPONT_184 80571	32.29 -2.39 0.02	28.46 -3.48 0.02	26.93 -3.30 0.02	25.61 -3.07 0.02	26.83 -3.15 0.02	29.22 -3.25 0.02	39.93 -3.19 0.02	40.08 -3.92 0.02	35.49 -3.86 0.04	32.29 -4.36 4.92	33.24 -4.47 1.81	33.11 -3.85 0.04	33.57 -3.61 0.02	32.79 -3.48 0.02	29.98 -3.37 0.02	30.69 -3.19 0.02	32.21 -3.78 0.02	33.81 -4.18 0.03	36.64 -4.39 0.04	42.80 -5.35 0.04	46.81 -5.09 0.02	39.62 -3.97 0.02	31.89 -3.39 0.02	29.82 -3.54 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.68 1.98 0.00	34.08 2.11 -0.01	32.28 2.03 -0.01	30.63 1.92 -0.01	31.99 1.98 -0.01	34.12 1.62 0.00	45.21 2.07 0.00	46.26 2.24 0.00	41.68 2.28 0.00	44.23 2.66 0.00	42.25 2.73 0.00	39.49 2.48 0.00	39.62 2.42 0.00	38.83 2.54 0.00	37.09 2.50 -1.22	38.00 2.58 -1.53	38.78 2.77 0.00	41.14 3.12 0.00	44.12 3.04 0.00	51.57 3.37 0.00	55.19 3.27 0.00	46.31 2.70 0.00	37.41 2.12 0.00	35.21 1.84 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.24 2.53 0.00	34.59 2.62 -0.01	32.76 2.51 -0.01	31.09 2.38 -0.01	32.47 2.46 -0.01	34.64 2.14 0.00	45.90 2.76 0.00	46.97 2.95 0.00	42.27 2.88 0.00	44.86 3.28 0.00	42.81 3.28 0.00	40.00 3.00 0.00	40.10 2.90 0.00	39.30 3.01 0.00	37.52 2.94 -1.22	38.44 3.02 -1.53	39.21 3.20 0.00	41.64 3.61 0.00	44.69 3.61 0.00	52.30 4.10 0.00	55.97 4.05 0.00	46.97 3.36 0.00	37.94 2.65 0.00	35.68 2.30 0.00
PATROON___115KV_TB1 80586	35.54 0.83 0.00	32.86 0.90 0.00	31.12 0.88 0.00	29.50 0.80 0.00	30.84 0.84 0.00	33.37 0.88 0.00	43.79 0.65 0.00	44.63 0.62 0.00	40.15 0.75 0.00	42.45 0.87 0.00	40.36 0.83 0.00	37.86 0.85 0.00	37.91 0.71 0.00	37.05 0.76 0.00	34.14 0.77 0.00	34.74 0.85 0.00	36.87 0.86 0.00	38.94 0.91 0.00	42.06 0.99 0.00	49.21 1.01 0.00	52.85 0.93 0.00	44.52 0.92 0.00	36.11 0.81 0.00	34.31 0.93 0.00
PATTRSNVILLE___SOLAR 323815	35.71 1.01 0.00	32.99 1.02 0.00	31.21 0.97 0.00	29.59 0.89 0.00	30.93 0.93 0.00	33.50 1.01 0.00	44.48 1.34 0.00	45.25 1.23 0.00	40.46 1.06 0.00	42.53 0.96 0.00	40.32 0.79 0.00	37.71 0.70 0.00	37.87 0.67 0.00	36.91 0.62 0.00	33.97 0.60 0.00	34.57 0.68 0.00	36.83 0.83 0.00	39.09 1.06 0.00	42.39 1.31 0.00	49.98 1.78 0.00	53.79 1.87 0.00	45.13 1.53 0.00	36.46 1.16 0.00	34.41 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.76 -1.94 0.00	29.38 -2.59 0.00	27.68 -2.57 0.00	26.37 -2.32 0.00	27.42 -2.58 0.00	29.80 -2.70 0.00	40.68 -2.46 0.00	40.94 -3.08 0.00	37.12 -2.25 0.03	33.79 -1.95 5.83	36.25 -2.17 1.10	34.46 -2.52 0.03	34.11 -3.09 0.00	33.31 -2.98 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.48 -3.54 0.01	37.64 -3.41 0.03	44.36 -3.81 0.03	48.18 -3.74 0.00	40.64 -2.97 0.00	32.47 -2.82 0.00	30.37 -3.00 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.54 1.84 0.00	33.79 1.82 0.00	32.00 1.75 0.00	30.30 1.61 0.00	31.71 1.71 0.00	34.21 1.72 0.00	45.51 2.37 0.00	46.44 2.42 0.00	41.76 2.36 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.49 2.48 0.00	39.62 2.42 0.00	38.79 2.50 0.00	36.62 2.40 -0.85	37.47 2.51 -1.06	38.67 2.66 0.00	41.03 3.00 0.00	44.12 3.04 0.00	51.67 3.47 0.00	55.35 3.43 0.00	46.53 2.92 0.00	37.48 2.19 0.00	35.28 1.90 0.00
PEEKSKILL____ 23653	36.27 1.56 0.00	33.59 1.63 0.00	31.76 1.51 0.00	30.13 1.43 0.00	31.47 1.47 0.00	33.92 1.43 0.00	45.17 2.03 0.00	46.22 2.20 0.00	41.52 2.13 0.00	44.03 2.45 0.00	42.09 2.57 0.00	39.30 2.30 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.13 2.34 -1.43	38.13 2.44 -1.79	38.78 2.77 0.00	41.03 3.00 0.00	44.00 2.92 0.00	51.43 3.23 0.00	55.19 3.27 0.00	46.36 2.75 0.00	37.31 2.01 0.00	35.04 1.67 0.00
PGE MADISON__WINDPWR 24146	36.61 1.91 0.00	33.66 1.69 0.00	31.76 1.51 0.00	29.96 1.26 0.00	31.59 1.59 0.00	34.34 1.85 0.00	46.03 2.89 0.00	46.92 2.91 0.00	41.65 2.25 0.00	44.61 2.16 -0.87	41.64 1.82 -0.30	38.49 1.48 0.00	38.65 1.45 0.00	37.49 1.20 0.00	34.17 1.07 0.27	34.51 0.95 0.34	37.12 1.12 0.00	39.70 1.67 0.00	43.42 2.34 0.00	51.67 3.47 0.00	55.76 3.84 0.00	46.84 3.23 0.00	37.59 2.29 0.00	35.31 1.94 0.00
PIERCEFIELD__HYD 23852	34.22 -0.49 0.00	31.58 -0.38 0.00	29.85 -0.39 0.00	28.32 -0.37 0.00	29.64 -0.36 0.00	32.23 -0.26 0.00	42.79 -0.35 0.00	43.75 -0.26 0.00	38.77 -0.63 0.00	40.74 -0.83 0.00	38.66 -0.87 0.00	36.19 -0.81 0.00	36.01 -1.19 0.00	34.88 -1.42 0.00	31.90 -1.47 0.00	32.37 -1.53 0.00	34.35 -1.66 0.00	36.35 -1.67 0.00	39.56 -1.52 0.00	46.80 -1.40 0.00	50.88 -1.04 0.00	42.65 -0.96 0.00	34.69 -0.60 0.00	32.81 -0.57 0.00
PINELAWN_CC_1 323563	38.93 2.53 -1.69	35.64 2.49 -1.18	33.59 2.30 -1.04	32.00 2.15 -1.15	33.60 2.28 -1.32	36.43 2.37 -1.57	47.51 3.32 -1.05	48.48 3.48 -0.99	52.46 3.19 -9.87	51.41 3.58 -6.26	51.41 3.48 -8.41	50.81 3.14 -10.66	50.68 3.09 -10.39	50.80 3.16 -11.35	49.79 3.17 -13.25	47.94 3.32 -10.72	50.94 3.67 -11.26	51.59 3.95 -9.61	52.71 3.86 -7.78	54.70 4.24 -2.26	59.56 4.36 -3.28	53.69 3.79 -6.29	39.98 2.97 -1.72	37.39 2.60 -1.41
PJM_GEN_HTP_PROXY 323702	36.47 1.77 0.00	33.79 1.82 0.00	31.97 1.72 0.00	30.33 1.63 0.00	31.68 1.68 0.00	34.12 1.62 0.00	45.51 2.37 0.00	46.57 2.55 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.67 2.67 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.24 2.81 -1.53	39.21 3.20 0.00	41.45 3.42 0.00	44.32 3.24 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
PJM_GEN_KEystone 24065	34.60 -0.10 0.00	31.45 -0.51 0.00	29.73 -0.51 0.00	28.27 -0.43 0.00	29.52 -0.48 0.00	32.01 -0.49 0.00	43.10 -0.04 0.00	43.66 -0.35 0.00	39.12 -0.27 0.01	39.87 -0.17 1.54	38.94 -0.12 0.47	36.78 -0.22 0.01	36.90 -0.30 0.00	36.11 -0.18 0.00	34.08 -0.13 -0.85	34.96 0.00 -1.06	36.01 0.00 0.00	38.02 0.00 0.00	40.95 -0.12 0.01	48.00 -0.19 0.01	51.87 -0.05 0.00	43.65 0.04 0.00	35.01 -0.28 0.00	32.91 -0.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.83 2.12 -0.01	34.11 2.14 0.00	32.21 1.96 0.00	30.56 1.86 0.00	31.95 1.95 0.00	34.51 2.02 0.00	45.95 2.80 -0.01	46.93 2.90 -0.01	46.70 2.64 -4.66	47.46 3.03 -2.86	46.52 3.00 -4.00	45.00 2.74 -5.26	45.03 2.68 -5.15	44.70 2.76 -5.66	43.67 2.77 -7.53	43.10 2.92 -6.30	44.78 3.20 -5.57	46.11 3.46 -4.63	47.85 3.29 -3.48	51.77 3.57 -0.01	55.67 3.74 -0.01	48.86 3.18 -2.07	37.81 2.47 -0.04	35.59 2.20 -0.01
PJM_GEN_VFT_PROXY 323633	36.34 1.63 0.00	33.66 1.69 0.00	31.85 1.60 0.00	30.22 1.52 0.00	31.56 1.56 0.00	33.96 1.46 0.00	45.30 2.16 0.00	46.39 2.38 0.00	41.68 2.28 0.00	44.27 2.70 0.00	42.33 2.81 0.00	39.52 2.52 0.00	39.65 2.45 0.00	38.87 2.58 0.00	37.19 2.60 -1.22	38.14 2.71 -1.53	39.10 3.10 0.00	41.33 3.31 0.00	44.24 3.16 0.00	51.67 3.47 0.00	55.50 3.58 0.00	46.53 2.92 0.00	37.38 2.08 0.00	35.08 1.70 0.00
PLATSBURG_115KV_PMLD1 355749	34.81 0.10 0.00	32.09 0.13 0.00	30.37 0.12 0.00	28.87 0.17 0.00	30.18 0.18 0.00	32.75 0.26 0.00	43.44 0.30 0.00	44.41 0.40 0.00	39.59 0.20 0.00	41.74 0.17 0.00	39.64 0.12 0.00	37.15 0.15 0.00	37.38 0.19 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.04 0.04 0.00	38.06 0.04 0.00	41.24 0.16 0.00	48.44 0.24 0.00	52.28 0.36 0.00	43.83 0.22 0.00	35.44 0.14 0.00	33.41 0.03 0.00
PLEASANTVLY__LBMP 24000	36.13 1.42 0.00	33.43 1.47 0.00	31.64 1.39 0.00	29.99 1.29 0.00	31.35 1.35 0.00	33.79 1.30 0.00	44.91 1.77 0.00	45.87 1.85 0.00	41.25 1.85 0.00	43.74 2.16 0.00	41.74 2.21 0.00	39.04 2.04 0.00	39.13 1.93 0.00	38.32 2.03 0.00	35.82 2.00 -0.44	36.52 2.07 -0.56	38.20 2.20 0.00	40.50 2.47 0.00	43.58 2.51 0.00	51.00 2.80 0.00	54.67 2.75 0.00	45.92 2.31 0.00	37.02 1.73 0.00	34.91 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.51 1.80 0.00	33.75 1.79 0.00	31.94 1.69 0.00	30.28 1.58 0.00	31.65 1.65 0.00	34.12 1.62 0.00	45.43 2.29 0.00	46.44 2.42 0.00	41.76 2.36 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.52 2.52 0.00	39.65 2.46 0.00	38.83 2.54 0.00	36.93 2.50 -1.06	37.80 2.58 -1.33	38.74 2.74 0.00	41.10 3.08 0.00	44.16 3.08 0.00	51.67 3.47 0.00	55.35 3.43 0.00	46.49 2.88 0.00	37.45 2.15 0.00	35.21 1.84 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.51 1.80 0.00	33.75 1.79 0.00	31.94 1.69 0.00	30.28 1.58 0.00	31.65 1.65 0.00	34.12 1.62 0.00	45.43 2.29 0.00	46.44 2.42 0.00	41.76 2.36 0.00	44.28 2.70 0.00	42.29 2.77 0.00	39.52 2.52 0.00	39.65 2.46 0.00	38.83 2.54 0.00	36.93 2.50 -1.06	37.80 2.58 -1.33	38.74 2.74 0.00	41.10 3.08 0.00	44.16 3.08 0.00	51.67 3.47 0.00	55.35 3.43 0.00	46.49 2.88 0.00	37.45 2.15 0.00	35.21 1.84 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.33 1.63 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.50 1.50 0.00	34.02 1.53 0.00	45.17 2.03 0.00	46.09 2.07 0.00	41.45 2.05 0.00	43.90 2.33 0.00	41.90 2.37 0.00	39.15 2.15 0.00	39.24 2.05 0.00	38.40 2.10 0.00	36.16 2.07 -0.72	36.97 2.17 -0.91	38.35 2.34 0.00	40.69 2.66 0.00	43.79 2.71 0.00	51.33 3.13 0.00	54.98 3.06 0.00	46.18 2.57 0.00	37.27 1.98 0.00	35.11 1.74 0.00
POLETTI____ 23519	36.58 1.87 0.00	33.82 1.85 0.00	32.03 1.78 0.00	30.39 1.69 0.00	31.77 1.77 0.00	34.12 1.62 0.00	45.51 2.37 0.00	46.53 2.51 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.77 2.57 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.10 2.68 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.77 3.57 0.00	55.50 3.58 0.00	46.53 2.92 0.00	37.48 2.19 0.00	35.24 1.87 0.00

POMONA___ESR 323819	36.30 1.60 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.47 1.47 0.00	33.96 1.46 0.00	45.21 2.07 0.00	46.22 2.20 0.00	41.52 2.13 0.00	44.03 2.45 0.00	42.09 2.57 0.00	39.34 2.33 0.00	39.47 2.27 0.00	38.65 2.36 0.00	37.74 2.37 -2.01	38.88 2.47 -2.52	38.82 2.81 0.00	41.07 3.04 0.00	44.04 2.96 0.00	51.52 3.32 0.00	55.29 3.37 0.00	46.44 2.83 0.00	37.34 2.05 0.00	35.11 1.73 0.00
PORT_JEFF_3 23555	64.81 2.67 -27.43	53.84 2.69 -19.19	49.74 2.51 -16.99	49.79 2.35 -18.74	53.93 2.49 -21.44	60.61 2.60 -25.52	63.67 3.54 -16.99	63.67 3.65 -16.00	66.98 3.27 -24.32	63.67 3.74 -18.35	63.12 3.60 -20.00	60.19 3.37 -19.82	59.02 3.35 -18.47	59.02 3.41 -19.32	49.05 3.41 -12.27	49.12 3.56 -11.67	60.19 3.81 -20.37	63.12 4.03 -21.07	69.67 3.82 -24.77	88.99 4.09 -36.70	109.37 4.16 -53.30	89.13 3.75 -41.77	65.22 3.07 -26.86	59.02 2.77 -22.88
PORT_JEFF_4 23616	64.81 2.67 -27.43	53.84 2.69 -19.19	49.74 2.51 -16.99	49.79 2.35 -18.74	53.93 2.49 -21.44	60.61 2.60 -25.52	63.67 3.54 -16.99	63.67 3.65 -16.00	66.98 3.27 -24.32	63.67 3.74 -18.35	63.12 3.60 -20.00	60.19 3.37 -19.82	59.02 3.35 -18.47	59.02 3.41 -19.32	49.05 3.41 -12.27	49.12 3.56 -11.67	60.19 3.81 -20.37	63.12 4.03 -21.07	69.67 3.82 -24.77	88.99 4.09 -36.70	109.37 4.16 -53.30	89.13 3.75 -41.77	65.22 3.07 -26.86	59.02 2.77 -22.88
PORT_JEFF_IC 23713	69.25 2.85 -31.70	56.93 2.78 -22.18	52.48 2.60 -19.63	52.79 2.44 -21.66	57.36 2.58 -24.78	64.68 2.70 -29.49	66.49 3.71 -19.64	66.25 3.74 -18.49	69.68 3.43 -26.85	65.89 3.87 -20.45	65.28 3.72 -22.04	61.98 3.48 -21.50	60.55 3.39 -19.97	60.55 3.45 -20.82	49.11 3.44 -12.31	49.39 3.52 -11.97	61.73 3.67 -22.05	65.09 3.95 -23.11	72.68 3.90 -27.70	94.80 4.19 -42.41	117.67 4.15 -61.60	95.03 3.71 -47.72	69.46 3.14 -31.03	62.68 2.87 -26.44
PPL PILGRIM_ST_GT1 24216	42.80 2.81 -5.29	38.35 2.69 -3.70	36.03 2.51 -3.27	34.66 2.35 -3.61	36.62 2.49 -4.13	40.01 2.60 -4.91	50.08 3.66 -3.28	50.89 3.79 -3.09	54.29 3.51 -11.39	53.12 3.91 -7.64	52.88 3.76 -9.60	51.82 3.44 -11.38	51.55 3.38 -10.97	51.59 3.45 -11.85	49.24 3.44 -12.43	47.82 3.59 -10.34	51.86 3.93 -11.93	52.92 4.18 -10.71	54.96 4.11 -9.78	59.76 4.48 -7.07	66.71 4.51 -10.27	58.69 4.06 -11.02	43.74 3.21 -5.23	40.59 2.80 -4.41
PPL PILGRIM_ST_GT2 24217	42.80 2.81 -5.29	38.35 2.69 -3.70	36.03 2.51 -3.27	34.66 2.35 -3.61	36.62 2.49 -4.13	40.01 2.60 -4.91	50.08 3.66 -3.28	50.89 3.79 -3.09	54.29 3.51 -11.39	53.12 3.91 -7.64	52.88 3.76 -9.60	51.82 3.44 -11.38	51.55 3.38 -10.97	51.59 3.45 -11.85	49.24 3.44 -12.43	47.82 3.59 -10.34	51.86 3.93 -11.93	52.92 4.18 -10.71	54.96 4.11 -9.78	59.76 4.48 -7.07	66.71 4.51 -10.27	58.69 4.06 -11.02	43.74 3.21 -5.23	40.59 2.80 -4.41
PPL_SHRM_GT3 24213	65.89 3.16 -28.03	54.58 3.00 -19.61	50.38 2.78 -17.36	50.48 2.64 -19.14	54.67 2.76 -21.91	61.49 2.93 -26.07	64.60 4.10 -17.36	64.55 4.18 -16.35	67.94 3.86 -24.68	64.51 4.28 -18.65	63.93 4.11 -20.29	60.80 3.74 -20.06	59.54 3.65 -18.69	59.53 3.70 -19.54	49.30 3.64 -12.29	49.40 3.80 -11.72	60.76 4.14 -20.61	63.83 4.45 -21.36	70.66 4.40 -25.19	90.56 4.87 -37.49	111.41 5.03 -54.45	90.70 4.49 -42.60	66.29 3.56 -27.44	59.88 3.14 -23.37
PPL_SHRM_GT4 24214	65.89 3.16 -28.03	54.58 3.00 -19.61	50.38 2.78 -17.36	50.48 2.64 -19.14	54.67 2.76 -21.91	61.49 2.93 -26.07	64.60 4.10 -17.36	64.55 4.18 -16.35	67.94 3.86 -24.68	64.51 4.28 -18.65	63.93 4.11 -20.29	60.80 3.74 -20.06	59.54 3.65 -18.69	59.53 3.70 -19.54	49.30 3.64 -12.29	49.40 3.80 -11.72	60.76 4.14 -20.61	63.83 4.45 -21.36	70.66 4.40 -25.19	90.56 4.87 -37.49	111.41 5.03 -54.45	90.70 4.49 -42.60	66.29 3.56 -27.44	59.88 3.14 -23.37
PROJECT___ORANGE 1 24174	34.36 -0.35 0.00	31.55 -0.42 0.00	29.82 -0.42 0.00	28.30 -0.40 0.00	29.58 -0.42 0.00	32.10 -0.39 0.00	42.84 -0.30 0.00	43.71 -0.31 0.00	39.08 -0.32 0.00	41.20 -0.37 0.00	39.13 -0.40 0.00	36.60 -0.41 0.00	36.86 -0.33 0.00	35.93 -0.36 0.00	32.94 -0.43 0.00	33.45 -0.44 0.00	35.54 -0.47 0.00	37.49 -0.53 0.00	40.54 -0.53 0.00	47.57 -0.63 0.00	51.35 -0.57 0.00	43.13 -0.48 0.00	34.87 -0.42 0.00	33.01 -0.37 0.00
PROJECT___ORANGE 2 24166	34.36 -0.35 0.00	31.55 -0.42 0.00	29.82 -0.42 0.00	28.30 -0.40 0.00	29.58 -0.42 0.00	32.10 -0.39 0.00	42.84 -0.30 0.00	43.71 -0.31 0.00	39.08 -0.32 0.00	41.20 -0.37 0.00	39.13 -0.40 0.00	36.60 -0.41 0.00	36.86 -0.33 0.00	35.93 -0.36 0.00	32.94 -0.43 0.00	33.45 -0.44 0.00	35.54 -0.47 0.00	37.49 -0.53 0.00	40.54 -0.53 0.00	47.57 -0.63 0.00	51.35 -0.57 0.00	43.13 -0.48 0.00	34.87 -0.42 0.00	33.01 -0.37 0.00
PUCKETT___SOLAR 323809	35.29 0.59 0.00	32.28 0.32 0.00	30.49 0.24 0.00	28.93 0.23 0.00	30.27 0.27 0.00	32.88 0.39 0.00	44.00 0.86 0.00	44.72 0.70 0.00	39.99 0.59 0.00	42.16 0.58 0.00	40.00 0.48 0.00	37.30 0.29 0.00	37.42 0.22 0.00	36.47 0.18 0.00	33.26 0.13 0.24	33.76 0.17 0.30	36.22 0.22 0.00	38.37 0.34 0.00	41.65 0.57 0.00	49.11 0.91 0.00	53.01 1.09 0.00	44.53 0.92 0.00	35.82 0.53 0.00	33.78 0.40 0.00
PYRITES___HYD 24023	34.77 0.07 0.00	32.09 0.13 0.00	30.37 0.12 0.00	28.75 0.06 0.00	30.12 0.12 0.00	32.75 0.26 0.00	43.48 0.35 0.00	44.37 0.35 0.00	39.20 -0.20 0.00	41.07 -0.50 0.00	38.89 -0.63 0.00	36.41 -0.59 0.00	36.34 -0.86 0.00	35.24 -1.05 0.00	32.30 -1.07 0.00	32.77 -1.12 0.00	34.82 -1.19 0.00	36.88 -1.14 0.00	40.30 -0.78 0.00	47.81 -0.39 0.00	51.87 -0.05 0.00	43.52 -0.09 0.00	35.29 0.00 0.00	33.31 -0.07 0.00
QUAKERRD_115KV_BK1 80622	33.21 -1.49 0.00	30.17 -1.79 0.00	28.52 -1.72 0.00	27.09 -1.61 0.00	28.32 -1.68 0.00	30.74 -1.75 0.00	41.33 -1.81 0.00	42.17 -1.85 0.00	37.39 -2.01 0.00	39.16 -2.41 0.00	37.04 -2.49 0.00	34.75 -2.26 0.00	35.34 -1.86 0.00	34.48 -1.81 0.00	31.40 -1.97 0.00	31.89 -2.00 0.00	33.92 -2.09 0.00	35.78 -2.24 0.00	38.86 -2.22 0.00	45.45 -2.75 0.00	49.43 -2.49 0.00	41.60 -2.01 0.00	33.46 -1.84 0.00	31.44 -1.94 0.00
QUENSBRY_115KV_TB8 356137	36.65 1.94 0.00	33.88 1.92 0.00	32.03 1.78 0.00	30.39 1.69 0.00	31.77 1.77 0.00	34.47 1.98 0.00	45.77 2.63 0.00	46.61 2.60 0.00	41.76 2.36 0.00	44.03 2.45 0.00	41.66 2.13 0.00	38.97 1.96 0.00	38.91 1.71 0.00	37.74 1.45 0.00	34.77 1.40 0.00	35.45 1.56 0.00	37.55 1.55 0.00	39.85 1.83 0.00	43.38 2.30 0.00	51.28 3.08 0.00	55.14 3.22 0.00	46.27 2.66 0.00	37.34 2.05 0.00	35.28 1.90 0.00
RAMAPO___LBMP 323565	36.30 1.60 0.00	33.53 1.57 0.00	31.73 1.48 0.00	30.10 1.41 0.00	31.47 1.47 0.00	33.92 1.43 0.00	45.17 2.03 0.00	46.09 2.07 0.00	41.41 2.01 0.00	43.90 2.33 0.00	41.98 2.45 0.00	39.23 2.22 0.00	39.36 2.16 0.00	38.54 2.25 0.00	37.54 2.20 -1.97	38.63 2.27 -2.47	38.45 2.45 0.00	40.76 2.74 0.00	43.83 2.75 0.00	51.33 3.13 0.00	55.04 3.12 0.00	46.18 2.57 0.00	37.20 1.91 0.00	35.04 1.67 0.00

[illegible]

RAVENSWOOD_GT_7 24255	36.61 1.91 0.00	33.89 1.92 -0.01	32.10 1.85 -0.01	30.43 1.72 -0.01	31.81 1.80 -0.01	34.15 1.66 0.00	45.47 2.33 0.00	46.53 2.51 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.77 2.57 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.92 2.92 0.00	41.25 3.23 0.00	44.28 3.20 0.00	51.81 3.61 0.00	55.50 3.58 0.00	46.53 2.92 0.00	37.52 2.22 0.00	35.24 1.87 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.58 1.87 0.00	33.82 1.85 0.00	32.03 1.78 0.00	30.39 1.69 0.00	31.74 1.74 0.00	34.12 1.62 0.00	45.51 2.37 0.00	46.53 2.51 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.77 2.57 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.81 3.61 0.00	55.50 3.58 0.00	46.53 2.92 0.00	37.48 2.19 0.00	35.24 1.87 0.00
RAVENSWOOD_GT_9 24257	36.58 1.87 0.00	33.82 1.85 0.00	32.03 1.78 0.00	30.39 1.69 0.00	31.74 1.74 0.00	34.12 1.62 0.00	45.51 2.37 0.00	46.53 2.51 0.00	41.84 2.44 0.00	44.40 2.83 0.00	42.41 2.89 0.00	39.63 2.63 0.00	39.77 2.57 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.28 3.20 0.00	51.81 3.61 0.00	55.50 3.58 0.00	46.53 2.92 0.00	37.48 2.19 0.00	35.24 1.87 0.00
RAVENSWOOD___1 23533	36.54 1.84 0.00	33.92 1.95 -0.01	32.13 1.88 -0.01	30.49 1.78 -0.01	31.81 1.80 -0.01	34.12 1.62 0.00	45.38 2.24 0.00	46.52 2.51 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.80 2.60 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.25 3.24 0.00	41.52 3.50 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.61 3.69 0.00	46.66 3.05 0.00	37.56 2.26 0.00	35.28 1.90 0.00
RAVENSWOOD___2 23534	36.54 1.84 0.00	33.92 1.95 -0.01	32.13 1.88 -0.01	30.49 1.78 -0.01	31.81 1.80 -0.01	34.12 1.62 0.00	45.38 2.24 0.00	46.52 2.51 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.76 2.56 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.48 3.46 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.61 3.69 0.00	46.62 3.01 0.00	37.56 2.26 0.00	35.24 1.87 0.00
RAVENSWOOD___3 23535	36.47 1.77 0.00	33.79 1.82 0.00	32.00 1.75 0.00	30.36 1.66 0.00	31.68 1.68 0.00	34.08 1.59 0.00	45.42 2.28 0.00	46.52 2.51 0.00	41.80 2.40 0.00	44.40 2.83 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.76 2.56 0.00	38.98 2.69 0.00	37.26 2.67 -1.22	38.20 2.78 -1.53	39.18 3.17 0.00	41.45 3.42 0.00	44.32 3.24 0.00	51.82 3.62 0.00	55.61 3.69 0.00	46.66 3.05 0.00	37.52 2.22 0.00	35.21 1.83 0.00
RAVENSWOOD___4 23820	36.54 1.84 0.00	33.92 1.95 -0.01	32.10 1.85 -0.01	30.45 1.75 -0.01	31.81 1.80 -0.01	34.12 1.62 0.00	45.38 2.24 0.00	46.48 2.46 0.00	41.84 2.44 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.63 2.63 0.00	39.76 2.56 0.00	39.01 2.72 0.00	37.29 2.70 -1.22	38.23 2.81 -1.53	39.21 3.20 0.00	41.48 3.46 0.00	44.37 3.29 0.00	51.82 3.62 0.00	55.61 3.69 0.00	46.61 3.01 0.00	37.52 2.22 0.00	35.24 1.87 0.00
RCPL_TRUST___DRP 24196	36.79 2.08 0.00	34.01 2.05 0.00	32.21 1.97 0.00	30.53 1.84 0.00	31.92 1.92 0.00	34.34 1.85 0.00	45.86 2.72 0.00	46.92 2.91 0.00	42.19 2.80 0.00	44.82 3.24 0.00	42.81 3.28 0.00	40.00 3.00 0.00	40.10 2.90 0.00	39.30 3.01 0.00	37.52 2.94 -1.22	38.44 3.02 -1.53	39.25 3.24 0.00	41.60 3.57 0.00	44.61 3.53 0.00	52.20 4.00 0.00	55.97 4.05 0.00	46.88 3.27 0.00	37.73 2.44 0.00	35.44 2.07 0.00
RED___ROCHESTER 323720	34.11 -0.59 0.00	30.65 -1.31 0.00	29.00 -1.24 0.00	27.55 -1.15 0.00	28.92 -1.08 0.00	31.45 -1.04 0.00	42.45 -0.69 0.00	43.18 -0.84 0.00	38.25 -1.14 0.00	40.00 -1.58 0.00	37.83 -1.70 0.00	35.68 -1.33 0.00	36.16 -1.04 0.00	35.27 -1.02 0.00	32.20 -1.17 0.00	32.84 -1.05 0.00	34.60 -1.40 0.00	36.50 -1.52 0.00	39.76 -1.32 0.00	46.61 -1.59 0.00	50.62 -1.30 0.00	42.65 -0.96 0.00	34.24 -1.06 0.00	32.14 -1.23 0.00
REGAN___SOLAR 323812	36.34 1.63 0.00	33.59 1.63 0.00	31.73 1.48 0.00	30.10 1.41 0.00	31.47 1.47 0.00	34.15 1.66 0.00	45.47 2.33 0.00	46.04 2.03 0.00	40.89 1.50 0.00	42.78 1.21 0.00	40.27 0.75 0.00	37.60 0.59 0.00	37.61 0.41 0.00	36.51 0.22 0.00	33.63 0.27 0.00	34.30 0.41 0.00	36.58 0.57 0.00	39.09 1.06 0.00	42.88 1.81 0.00	51.04 2.84 0.00	54.98 3.06 0.00	46.14 2.53 0.00	37.16 1.87 0.00	35.01 1.63 0.00
RENSSELAER___COGEN 23796	35.12 0.42 0.00	32.70 0.74 0.00	30.97 0.72 0.00	29.38 0.69 0.00	30.69 0.69 0.00	33.01 0.52 0.00	43.53 0.39 0.00	44.41 0.40 0.00	39.99 0.59 0.00	42.24 0.66 0.00	40.20 0.67 0.00	37.63 0.63 0.00	37.76 0.56 0.00	36.91 0.62 0.00	34.04 0.67 0.00	34.64 0.74 0.00	36.83 0.83 0.00	38.86 0.84 0.00	41.94 0.86 0.00	49.02 0.82 0.00	52.65 0.73 0.00	44.35 0.74 0.00	35.96 0.67 0.00	33.94 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.58 2.88 0.00	34.84 2.88 0.00	32.88 2.63 0.00	31.19 2.50 0.00	32.58 2.58 0.00	35.45 2.96 0.00	47.19 4.06 0.00	47.89 3.87 0.00	42.75 3.35 0.00	44.94 3.37 0.00	42.29 2.77 0.00	39.56 2.55 0.00	39.36 2.16 0.00	38.14 1.85 0.00	35.17 1.80 0.00	35.93 2.03 0.00	38.02 2.02 0.00	40.53 2.51 0.00	44.45 3.37 0.00	52.87 4.68 0.00	56.90 4.98 0.00	47.66 4.06 0.00	38.37 3.07 0.00	36.21 2.84 0.00
REVERE_CPPR_DRP 24186	35.68 0.97 0.00	32.83 0.86 0.00	30.97 0.73 0.00	29.24 0.55 0.00	30.72 0.72 0.00	33.40 0.91 0.00	44.61 1.47 0.00	45.47 1.45 0.00	40.50 1.10 0.00	42.57 1.00 0.00	40.36 0.83 0.00	37.60 0.59 0.00	37.83 0.63 0.00	36.76 0.47 0.00	33.77 0.40 0.00	34.23 0.34 0.00	36.47 0.47 0.00	38.67 0.65 0.00	42.06 0.99 0.00	49.74 1.54 0.00	53.69 1.77 0.00	45.09 1.48 0.00	36.39 1.09 0.00	34.28 0.90 0.00
REYNLDPA_13_KV_LD 356490	34.98 0.28 0.00	32.28 0.32 0.00	30.58 0.33 0.00	29.07 0.37 0.00	30.33 0.33 0.00	32.91 0.42 0.00	43.57 0.43 0.00	44.55 0.53 0.00	39.71 0.31 0.00	41.90 0.33 0.00	39.80 0.28 0.00	37.34 0.33 0.00	37.57 0.37 0.00	36.58 0.29 0.00	33.60 0.24 0.00	34.10 0.20 0.00	36.19 0.18 0.00	37.95 -0.08 0.00	41.12 0.04 0.00	48.25 0.05 0.00	52.02 0.10 0.00	43.70 0.09 0.00	35.37 0.07 0.00	33.41 0.03 0.00
REYNOLDS_115KV_TB3 80639	35.54 0.83 0.00	32.86 0.90 0.00	31.12 0.88 0.00	29.53 0.83 0.00	30.87 0.87 0.00	33.40 0.91 0.00	43.83 0.69 0.00	44.63 0.62 0.00	40.22 0.83 0.00	42.53 0.96 0.00	40.47 0.95 0.00	37.97 0.96 0.00	38.02 0.82 0.00	37.16 0.87 0.00	34.27 0.90 0.00	34.84 0.95 0.00	37.01 1.01 0.00	39.09 1.06 0.00	42.19 1.11 0.00	49.36 1.16 0.00	52.96 1.04 0.00	44.57 0.96 0.00	36.18 0.88 0.00	34.34 0.97 0.00

RIVERBAY____ 323610	37.24 2.53 0.00	34.59 2.62 -0.01	32.76 2.51 -0.01	31.09 2.38 -0.01	32.47 2.46 -0.01	34.64 2.14 0.00	45.90 2.76 0.00	46.97 2.95 0.00	42.27 2.88 0.00	44.86 3.28 0.00	42.81 3.28 0.00	40.00 3.00 0.00	40.10 2.90 0.00	39.30 3.01 0.00	37.52 2.94 -1.22	38.44 3.02 -1.53	39.21 3.20 0.00	41.64 3.61 0.00	44.69 3.61 0.00	52.30 4.10 0.00	55.97 4.05 0.00	46.97 3.36 0.00	37.94 2.65 0.00	35.68 2.30 0.00
RIVERSDE_115KV_TB3 55908	35.50 0.80 0.00	32.83 0.86 0.00	31.09 0.85 0.00	29.47 0.77 0.00	30.81 0.81 0.00	33.34 0.84 0.00	43.74 0.60 0.00	44.54 0.53 0.00	40.11 0.71 0.00	42.41 0.83 0.00	40.36 0.83 0.00	37.86 0.85 0.00	37.91 0.71 0.00	37.05 0.76 0.00	34.14 0.77 0.00	34.74 0.85 0.00	36.87 0.86 0.00	38.97 0.95 0.00	42.06 0.99 0.00	49.21 1.01 0.00	52.80 0.88 0.00	44.48 0.87 0.00	36.11 0.81 0.00	34.28 0.90 0.00
ROARING____BROOK_WT_PWR 323790	34.15 -0.56 0.00	31.45 -0.51 0.00	29.76 -0.49 0.00	28.24 -0.46 0.00	29.52 -0.48 0.00	32.01 -0.49 0.00	42.49 -0.65 0.00	43.44 -0.57 0.00	38.93 -0.47 0.00	41.12 -0.46 0.00	39.13 -0.40 0.00	36.67 -0.33 0.00	36.86 -0.34 0.00	35.96 -0.33 0.00	33.04 -0.33 0.00	33.55 -0.34 0.00	35.61 -0.40 0.00	37.61 -0.42 0.00	40.63 -0.45 0.00	47.62 -0.58 0.00	51.24 -0.68 0.00	42.96 -0.65 0.00	34.73 -0.57 0.00	32.78 -0.60 0.00
ROCHESRG_115KV_T4 355643	33.66 -1.04 0.00	30.53 -1.44 0.00	28.85 -1.39 0.00	27.41 -1.29 0.00	28.62 -1.38 0.00	31.06 -1.43 0.00	41.89 -1.25 0.00	42.65 -1.36 0.00	37.78 -1.62 0.00	39.49 -2.08 0.00	37.35 -2.17 0.00	35.08 -1.92 0.00	35.75 -1.45 0.00	34.88 -1.42 0.00	31.73 -1.64 0.00	32.20 -1.69 0.00	34.24 -1.76 0.00	36.12 -1.90 0.00	39.27 -1.81 0.00	45.89 -2.31 0.00	50.00 -1.92 0.00	42.13 -1.48 0.00	33.81 -1.48 0.00	31.77 -1.60 0.00
ROCHESTER_9_IC 23652	33.91 -0.80 0.00	30.72 -1.25 0.00	29.01 -1.24 0.00	27.58 -1.12 0.00	28.80 -1.20 0.00	31.29 -1.20 0.00	42.19 -0.95 0.00	43.00 -1.01 0.00	38.10 -1.30 0.00	39.83 -1.75 0.00	37.67 -1.86 0.00	35.34 -1.67 0.00	36.01 -1.19 0.00	35.13 -1.16 0.00	31.93 -1.43 0.00	32.40 -1.49 0.00	34.46 -1.55 0.00	36.39 -1.64 0.00	39.60 -1.48 0.00	46.27 -1.93 0.00	50.41 -1.51 0.00	42.52 -1.09 0.00	34.06 -1.24 0.00	31.97 -1.40 0.00
ROCKVIEW_13_KV_LD 356306	36.58 1.87 0.00	33.82 1.85 0.00	32.00 1.75 0.00	30.33 1.64 0.00	31.71 1.71 0.00	34.18 1.69 0.00	45.56 2.42 0.00	46.61 2.60 0.00	41.92 2.52 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.67 2.66 0.00	39.80 2.60 0.00	38.98 2.69 0.00	37.22 2.64 -1.22	38.13 2.71 -1.53	38.89 2.88 0.00	41.26 3.23 0.00	44.32 3.25 0.00	51.91 3.71 0.00	55.61 3.69 0.00	46.66 3.05 0.00	37.55 2.26 0.00	35.28 1.90 0.00
ROME____115KV_TB2 80656	35.68 0.97 0.00	32.83 0.86 0.00	30.97 0.73 0.00	29.24 0.55 0.00	30.72 0.72 0.00	33.40 0.91 0.00	44.61 1.47 0.00	45.47 1.45 0.00	40.50 1.10 0.00	42.57 1.00 0.00	40.36 0.83 0.00	37.60 0.59 0.00	37.83 0.63 0.00	36.76 0.47 0.00	33.77 0.40 0.00	34.23 0.34 0.00	36.47 0.47 0.00	38.67 0.65 0.00	42.06 0.99 0.00	49.74 1.54 0.00	53.69 1.77 0.00	45.09 1.48 0.00	36.39 1.09 0.00	34.28 0.90 0.00
ROSETON____1 23587	36.02 1.32 0.00	33.37 1.40 0.00	31.58 1.33 0.00	29.93 1.23 0.00	31.26 1.26 0.00	33.73 1.23 0.00	44.82 1.68 0.00	45.82 1.81 0.00	41.21 1.81 0.00	43.65 2.08 0.00	41.70 2.17 0.00	38.97 1.96 0.00	39.10 1.90 0.00	38.29 1.99 0.00	35.37 2.00 0.00	35.96 2.07 0.00	38.38 2.38 0.00	40.61 2.59 0.00	43.58 2.51 0.00	50.99 2.79 0.00	54.72 2.80 0.00	45.96 2.35 0.00	37.02 1.73 0.00	34.84 1.47 0.00
ROSETON____2 23588	36.02 1.32 0.00	33.37 1.40 0.00	31.58 1.33 0.00	29.93 1.23 0.00	31.26 1.26 0.00	33.73 1.23 0.00	44.82 1.68 0.00	45.82 1.81 0.00	41.21 1.81 0.00	43.65 2.08 0.00	41.70 2.17 0.00	38.97 1.96 0.00	39.10 1.90 0.00	38.29 1.99 0.00	35.37 2.00 0.00	35.96 2.07 0.00	38.38 2.38 0.00	40.61 2.59 0.00	43.58 2.51 0.00	50.99 2.79 0.00	54.72 2.80 0.00	45.96 2.35 0.00	37.02 1.73 0.00	34.84 1.47 0.00
ROTTDRAM_115KV_TB3 80664	35.57 0.87 0.00	32.86 0.90 0.00	31.09 0.85 0.00	29.50 0.80 0.00	30.84 0.84 0.00	33.37 0.88 0.00	44.22 1.08 0.00	45.03 1.01 0.00	40.38 0.98 0.00	42.61 1.04 0.00	40.51 0.99 0.00	37.93 0.93 0.00	38.02 0.82 0.00	37.09 0.80 0.00	34.17 0.80 0.00	34.74 0.85 0.00	36.91 0.90 0.00	39.09 1.06 0.00	42.27 1.19 0.00	49.65 1.45 0.00	53.43 1.51 0.00	44.87 1.26 0.00	36.28 0.99 0.00	34.31 0.93 0.00
RUSSELL____1 23602	34.01 -0.69 0.00	30.81 -1.15 0.00	29.10 -1.15 0.00	27.66 -1.03 0.00	28.92 -1.08 0.00	31.39 -1.10 0.00	42.36 -0.78 0.00	43.18 -0.84 0.00	38.25 -1.14 0.00	40.00 -1.58 0.00	37.83 -1.70 0.00	35.49 -1.52 0.00	36.16 -1.04 0.00	35.27 -1.02 0.00	32.03 -1.33 0.00	32.54 -1.36 0.00	34.60 -1.40 0.00	36.50 -1.52 0.00	39.76 -1.31 0.00	46.51 -1.69 0.00	50.62 -1.30 0.00	42.69 -0.92 0.00	34.20 -1.09 0.00	32.07 -1.30 0.00
RUSSELL____2 23532	34.01 -0.69 0.00	30.81 -1.15 0.00	29.10 -1.15 0.00	27.66 -1.03 0.00	28.92 -1.08 0.00	31.39 -1.10 0.00	42.36 -0.78 0.00	43.18 -0.84 0.00	38.25 -1.14 0.00	40.00 -1.58 0.00	37.83 -1.70 0.00	35.49 -1.52 0.00	36.16 -1.04 0.00	35.27 -1.02 0.00	32.03 -1.33 0.00	32.54 -1.36 0.00	34.60 -1.40 0.00	36.50 -1.52 0.00	39.76 -1.31 0.00	46.51 -1.69 0.00	50.62 -1.30 0.00	42.69 -0.92 0.00	34.20 -1.09 0.00	32.07 -1.30 0.00
RUSSELL____3 23549	34.01 -0.69 0.00	30.81 -1.15 0.00	29.10 -1.15 0.00	27.66 -1.03 0.00	28.92 -1.08 0.00	31.39 -1.10 0.00	42.36 -0.78 0.00	43.18 -0.84 0.00	38.25 -1.14 0.00	40.00 -1.58 0.00	37.83 -1.70 0.00	35.49 -1.52 0.00	36.16 -1.04 0.00	35.27 -1.02 0.00	32.03 -1.33 0.00	32.54 -1.36 0.00	34.60 -1.40 0.00	36.50 -1.52 0.00	39.76 -1.31 0.00	46.51 -1.69 0.00	50.62 -1.30 0.00	42.69 -0.92 0.00	34.20 -1.09 0.00	32.07 -1.30 0.00
RUSSELL____4 23556	34.01 -0.69 0.00	30.81 -1.15 0.00	29.10 -1.15 0.00	27.66 -1.03 0.00	28.92 -1.08 0.00	31.39 -1.10 0.00	42.36 -0.78 0.00	43.18 -0.84 0.00	38.25 -1.14 0.00	40.00 -1.58 0.00	37.83 -1.70 0.00	35.49 -1.52 0.00	36.16 -1.04 0.00	35.27 -1.02 0.00	32.03 -1.33 0.00	32.54 -1.36 0.00	34.60 -1.40 0.00	36.50 -1.52 0.00	39.76 -1.31 0.00	46.51 -1.69 0.00	50.62 -1.30 0.00	42.69 -0.92 0.00	34.20 -1.09 0.00	32.07 -1.30 0.00
RUSSELL____STATION 23914	34.01 -0.69 0.00	30.81 -1.15 0.00	29.10 -1.15 0.00	27.66 -1.03 0.00	28.92 -1.08 0.00	31.39 -1.10 0.00	42.36 -0.78 0.00	43.18 -0.84 0.00	38.25 -1.14 0.00	40.00 -1.58 0.00	37.83 -1.70 0.00	35.49 -1.52 0.00	36.16 -1.04 0.00	35.27 -1.02 0.00	32.03 -1.33 0.00	32.54 -1.36 0.00	34.60 -1.40 0.00	36.50 -1.52 0.00	39.76 -1.31 0.00	46.51 -1.69 0.00	50.62 -1.30 0.00	42.69 -0.92 0.00	34.20 -1.09 0.00	32.07 -1.30 0.00

S SALMON___HYD 24043	34.42 -0.28 0.00	31.61 -0.35 0.00	29.85 -0.39 0.00	28.27 -0.43 0.00	29.58 -0.42 0.00	32.10 -0.39 0.00	42.75 -0.39 0.00	43.58 -0.44 0.00	38.76 -0.63 0.00	40.87 -0.71 0.00	38.77 -0.75 0.00	36.23 -0.78 0.00	36.46 -0.74 0.00	35.46 -0.83 0.00	32.54 -0.83 0.00	32.94 -0.95 0.00	34.96 -1.05 0.00	37.00 -1.02 0.00	40.21 -0.86 0.00	47.48 -0.72 0.00	51.24 -0.68 0.00	43.04 -0.57 0.00	34.87 -0.42 0.00	33.07 -0.30 0.00
S.PERRY___115KV_TB1 80734	34.77 0.07 0.00	31.39 -0.58 0.00	29.61 -0.64 0.00	28.15 -0.55 0.00	29.40 -0.60 0.00	32.01 -0.49 0.00	43.44 0.30 0.00	44.06 0.04 0.00	38.94 -0.55 -0.09	59.19 -1.00 -18.61	44.58 -1.30 -6.36	35.76 -1.33 -0.09	36.08 -1.12 0.00	35.24 -1.05 0.00	31.97 -1.40 0.00	32.54 -1.36 0.00	34.67 -1.33 0.00	36.88 -1.18 -0.04	40.68 -0.49 -0.09	47.95 -0.34 -0.09	52.23 0.31 0.00	43.96 0.35 0.00	35.01 -0.28 0.00	32.74 -0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.59 -2.12 0.00	29.18 -2.78 0.00	27.52 -2.72 0.00	26.20 -2.50 0.00	27.24 -2.76 0.00	29.57 -2.92 0.00	40.34 -2.80 0.00	40.63 -3.39 0.00	36.10 -3.27 0.03	31.88 -3.66 6.04	33.92 -3.79 1.81	33.42 -3.55 0.03	33.96 -3.24 0.00	33.17 -3.12 0.00	30.00 -3.37 0.00	30.37 -3.52 0.00	32.44 -3.56 0.00	34.21 -3.80 0.01	37.19 -3.86 0.03	43.40 -4.77 0.03	47.61 -4.31 0.00	40.25 -3.36 0.00	32.22 -3.07 0.00	30.14 -3.24 0.00
SAWYER___23_KV_LOAD 55526	32.59 -2.12 0.00	29.18 -2.78 0.00	27.52 -2.72 0.00	26.20 -2.50 0.00	27.24 -2.76 0.00	29.57 -2.92 0.00	40.34 -2.80 0.00	40.63 -3.39 0.00	36.10 -3.27 0.03	31.88 -3.66 6.04	33.92 -3.79 1.81	33.42 -3.55 0.03	33.96 -3.24 0.00	33.17 -3.12 0.00	30.00 -3.37 0.00	30.37 -3.52 0.00	32.44 -3.56 0.00	34.21 -3.80 0.01	37.19 -3.86 0.03	43.40 -4.77 0.03	47.61 -4.31 0.00	40.25 -3.36 0.00	32.22 -3.07 0.00	30.14 -3.24 0.00
SELKIRK___I 23801	35.50 0.80 0.00	32.96 0.99 0.00	31.18 0.94 0.00	29.59 0.89 0.00	30.90 0.90 0.00	33.34 0.84 0.00	44.05 0.91 0.00	44.94 0.93 0.00	40.34 0.94 0.00	42.57 1.00 0.00	40.47 0.95 0.00	37.86 0.85 0.00	37.94 0.74 0.00	37.05 0.76 0.00	34.17 0.80 0.00	34.77 0.88 0.00	36.98 0.97 0.00	39.13 1.10 0.00	42.27 1.19 0.00	49.55 1.35 0.00	53.27 1.35 0.00	44.83 1.22 0.00	36.28 0.99 0.00	34.24 0.87 0.00
SELKIRK___II 23799	35.23 0.52 0.00	32.70 0.74 0.00	30.97 0.72 0.00	29.38 0.69 0.00	30.69 0.69 0.00	33.08 0.59 0.00	43.70 0.56 0.00	44.59 0.57 0.00	40.07 0.67 0.00	42.36 0.79 0.00	40.32 0.79 0.00	37.71 0.70 0.00	37.87 0.67 0.00	36.98 0.69 0.00	34.10 0.73 0.00	34.70 0.81 0.00	36.91 0.90 0.00	38.98 0.95 0.00	42.06 0.98 0.00	49.21 1.01 0.00	52.86 0.94 0.00	44.48 0.87 0.00	36.04 0.74 0.00	34.01 0.63 0.00
SENECA OSWGO___HYD 24041	34.01 -0.69 0.00	31.20 -0.77 0.00	29.52 -0.73 0.00	27.98 -0.72 0.00	29.28 -0.72 0.00	31.78 -0.71 0.00	42.32 -0.82 0.00	43.14 -0.88 0.00	38.57 -0.83 0.00	40.66 -0.91 0.00	38.58 -0.95 0.00	36.12 -0.89 0.00	36.34 -0.85 0.00	35.42 -0.87 0.00	32.47 -0.90 0.00	32.98 -0.91 0.00	34.96 -1.05 0.00	36.92 -1.10 0.00	39.97 -1.11 0.00	46.95 -1.25 0.00	50.62 -1.30 0.00	42.52 -1.09 0.00	34.45 -0.85 0.00	32.67 -0.70 0.00
SENECA___115KV_TB3 355854	33.00 -1.70 0.00	29.15 -2.81 0.00	27.55 -2.69 0.00	26.20 -2.50 0.00	27.45 -2.55 0.00	29.92 -2.57 0.00	40.89 -2.25 0.00	41.02 -2.99 0.00	36.65 -2.72 0.03	32.24 -2.91 6.42	34.60 -3.08 1.85	34.01 -2.96 0.03	34.22 -2.98 0.00	33.46 -2.83 0.00	30.57 -2.80 0.00	31.28 -2.61 0.00	32.84 -3.17 0.00	34.63 -3.38 0.01	37.56 -3.49 0.03	44.07 -4.10 0.03	48.13 -3.79 0.00	40.64 -2.97 0.00	32.65 -2.65 0.00	30.51 -2.87 0.00
SENECA___ENERGY 23797	34.53 -0.17 0.00	31.42 -0.54 0.00	29.73 -0.51 0.00	28.21 -0.49 0.00	29.55 -0.45 0.00	32.14 -0.36 0.00	43.14 0.00 0.00	43.88 -0.13 0.00	39.13 -0.27 -0.01	42.53 -0.42 -1.37	39.44 -0.55 -0.47	36.46 -0.55 -0.01	36.68 -0.52 0.00	35.75 -0.54 0.00	32.73 -0.64 0.00	33.28 -0.61 0.00	35.25 -0.76 0.00	37.27 -0.76 0.00	40.51 -0.58 -0.01	47.68 -0.53 -0.01	51.56 -0.36 0.00	43.31 -0.30 0.00	34.87 -0.42 0.00	32.91 -0.47 0.00
SHOEMAKER___GT 23640	35.99 1.28 0.00	33.28 1.31 0.00	31.49 1.24 0.00	29.85 1.15 0.00	31.17 1.17 0.00	33.66 1.17 0.00	44.78 1.64 0.00	45.73 1.71 0.00	41.05 1.65 0.00	43.49 1.91 0.00	41.50 1.98 0.00	38.78 1.78 0.00	38.91 1.71 0.00	38.07 1.78 0.00	29.50 1.80 5.67	28.66 1.90 7.13	38.20 2.20 0.00	40.46 2.44 0.00	43.42 2.34 0.00	50.90 2.70 0.00	54.62 2.70 0.00	45.87 2.27 0.00	36.95 1.66 0.00	34.78 1.40 0.00
SHOEMAKR_138KV_BK 111 55601	36.06 1.35 0.00	33.31 1.34 0.00	31.52 1.27 0.00	29.87 1.18 0.00	31.23 1.23 0.00	33.73 1.23 0.00	44.82 1.68 0.00	45.73 1.72 0.00	41.09 1.69 0.00	43.49 1.91 0.00	41.54 2.02 0.00	38.82 1.81 0.00	38.95 1.75 0.00	38.11 1.81 0.00	27.02 1.80 8.15	25.52 1.86 10.24	38.02 2.02 0.00	40.34 2.32 0.00	43.38 2.30 0.00	50.90 2.70 0.00	54.57 2.65 0.00	45.83 2.22 0.00	36.95 1.66 0.00	34.81 1.44 0.00
SHOREHAM_IC_1 23715	65.89 3.16 -28.03	54.58 3.00 -19.61	50.38 2.78 -17.36	50.48 2.64 -19.14	54.67 2.76 -21.91	61.49 2.93 -26.07	64.60 4.10 -17.36	64.55 4.18 -16.35	67.94 3.86 -24.68	64.51 4.28 -18.65	63.93 4.11 -20.29	60.80 3.74 -20.06	59.54 3.65 -18.69	59.53 3.70 -19.54	49.30 3.64 -12.29	49.40 3.80 -11.72	60.76 4.14 -20.61	63.83 4.45 -21.36	70.66 4.40 -25.19	90.56 4.87 -37.49	111.41 5.03 -54.45	90.70 4.49 -42.60	66.29 3.56 -27.44	59.88 3.14 -23.37
SHOREHAM_IC_2 23716	65.89 3.16 -28.03	54.58 3.00 -19.61	50.38 2.78 -17.36	50.48 2.64 -19.14	54.67 2.76 -21.91	61.49 2.93 -26.07	64.60 4.10 -17.36	64.55 4.18 -16.35	67.94 3.86 -24.68	64.51 4.28 -18.65	63.93 4.11 -20.29	60.80 3.74 -20.06	59.54 3.65 -18.69	59.53 3.70 -19.54	49.30 3.64 -12.29	49.40 3.80 -11.72	60.76 4.14 -20.61	63.83 4.45 -21.36	70.66 4.40 -25.19	90.56 4.87 -37.49	111.41 5.03 -54.45	90.70 4.49 -42.60	66.29 3.56 -27.44	59.88 3.14 -23.37
SISSONVILLE____ 23735	34.22 -0.49 0.00	31.58 -0.38 0.00	29.85 -0.39 0.00	28.32 -0.37 0.00	29.64 -0.36 0.00	32.23 -0.26 0.00	42.79 -0.35 0.00	43.75 -0.26 0.00	38.77 -0.63 0.00	40.74 -0.83 0.00	38.66 -0.87 0.00	36.19 -0.81 0.00	36.01 -1.19 0.00	34.88 -1.42 0.00	31.90 -1.47 0.00	32.37 -1.53 0.00	34.35 -1.66 0.00	36.35 -1.67 0.00	39.56 -1.52 0.00	46.80 -1.40 0.00	50.88 -1.04 0.00	42.65 -0.96 0.00	34.69 -0.60 0.00	32.81 -0.57 0.00
SITHE_IND_GS1 24169	33.84 -0.87 0.00	31.04 -0.93 0.00	29.37 -0.88 0.00	27.86 -0.83 0.00	29.13 -0.87 0.00	31.62 -0.88 0.00	42.02 -1.12 0.00	42.83 -1.19 0.00	38.25 -1.14 0.00	40.33 -1.25 0.00	38.30 -1.23 0.00	35.90 -1.11 0.00	36.12 -1.08 0.00	35.20 -1.09 0.00	32.30 -1.07 0.00	32.78 -1.12 0.00	34.78 -1.22 0.00	36.66 -1.37 0.00	39.60 -1.48 0.00	46.51 -1.69 0.00	50.15 -1.77 0.00	42.13 -1.48 0.00	34.20 -1.09 0.00	32.48 -0.90 0.00

SITHE_IND_GS2 24170	33.84 -0.87 0.00	31.04 -0.93 0.00	29.37 -0.88 0.00	27.86 -0.83 0.00	29.13 -0.87 0.00	31.62 -0.88 0.00	42.02 -1.12 0.00	42.83 -1.19 0.00	38.25 -1.14 0.00	40.33 -1.25 0.00	38.30 -1.23 0.00	35.90 -1.11 0.00	36.12 -1.08 0.00	35.20 -1.09 0.00	32.30 -1.07 0.00	32.78 -1.12 0.00	34.78 -1.22 0.00	36.66 -1.37 0.00	39.60 -1.48 0.00	46.51 -1.69 0.00	50.15 -1.77 0.00	42.13 -1.48 0.00	34.20 -1.09 0.00	32.48 -0.90 0.00
SITHE_IND_GS3 24171	33.84 -0.87 0.00	31.04 -0.93 0.00	29.37 -0.88 0.00	27.86 -0.83 0.00	29.13 -0.87 0.00	31.62 -0.88 0.00	42.02 -1.12 0.00	42.83 -1.19 0.00	38.25 -1.14 0.00	40.33 -1.25 0.00	38.30 -1.23 0.00	35.90 -1.11 0.00	36.12 -1.08 0.00	35.20 -1.09 0.00	32.30 -1.07 0.00	32.78 -1.12 0.00	34.78 -1.22 0.00	36.66 -1.37 0.00	39.60 -1.48 0.00	46.51 -1.69 0.00	50.15 -1.77 0.00	42.13 -1.48 0.00	34.20 -1.09 0.00	32.48 -0.90 0.00
SITHE_IND_GS4 24172	33.84 -0.87 0.00	31.04 -0.93 0.00	29.37 -0.88 0.00	27.86 -0.83 0.00	29.13 -0.87 0.00	31.62 -0.88 0.00	42.02 -1.12 0.00	42.83 -1.19 0.00	38.25 -1.14 0.00	40.33 -1.25 0.00	38.30 -1.23 0.00	35.90 -1.11 0.00	36.12 -1.08 0.00	35.20 -1.09 0.00	32.30 -1.07 0.00	32.78 -1.12 0.00	34.78 -1.22 0.00	36.66 -1.37 0.00	39.60 -1.48 0.00	46.51 -1.69 0.00	50.15 -1.77 0.00	42.13 -1.48 0.00	34.20 -1.09 0.00	32.48 -0.90 0.00
SITHE___BATAVIA 24024	33.52 -1.18 0.00	29.70 -2.27 0.00	28.07 -2.18 0.00	26.72 -1.98 0.00	28.05 -1.95 0.00	30.58 -1.92 0.00	41.67 -1.47 0.00	42.08 -1.94 0.00	37.14 -2.24 0.02	35.67 -2.66 3.24	35.49 -2.88 1.15	34.40 -2.59 0.02	34.82 -2.38 0.00	34.01 -2.29 0.00	31.00 -2.37 0.00	31.72 -2.17 0.00	33.31 -2.70 0.00	35.17 -2.85 0.01	38.39 -2.67 0.02	45.10 -3.09 0.02	49.22 -2.70 0.00	41.60 -2.01 0.00	33.35 -1.94 0.00	31.10 -2.27 0.00
SITHE___INDEPEND 23800	33.73 -0.97 0.00	31.01 -0.96 0.00	29.34 -0.91 0.00	27.84 -0.86 0.00	29.10 -0.90 0.00	31.52 -0.97 0.00	41.97 -1.16 0.00	42.83 -1.19 0.00	38.25 -1.14 0.00	40.33 -1.25 0.00	38.30 -1.23 0.00	35.86 -1.15 0.00	36.12 -1.08 0.00	35.20 -1.09 0.00	32.33 -1.03 0.00	32.84 -1.05 0.00	34.89 -1.12 0.00	36.77 -1.25 0.00	39.68 -1.40 0.00	46.51 -1.69 0.00	50.21 -1.71 0.00	42.17 -1.44 0.00	34.20 -1.09 0.00	32.41 -0.97 0.00
SITHE___MASSENA 23902	34.77 0.07 0.00	32.06 0.10 0.00	30.37 0.12 0.00	28.84 0.14 0.00	30.12 0.12 0.00	32.66 0.16 0.00	43.31 0.17 0.00	44.28 0.27 0.00	39.44 0.04 0.00	41.57 0.00 0.00	39.49 -0.04 0.00	37.01 0.00 0.00	37.16 -0.04 0.00	36.22 -0.07 0.00	33.24 -0.13 0.00	33.76 -0.14 0.00	35.79 -0.21 0.00	37.80 -0.23 0.00	40.96 -0.12 0.00	48.15 -0.05 0.00	51.92 0.00 0.00	43.56 -0.04 0.00	35.29 0.00 0.00	33.34 -0.03 0.00
SITHE___OGDNSBRG 24021	34.95 0.24 0.00	32.25 0.29 0.00	30.52 0.27 0.00	28.93 0.23 0.00	30.27 0.27 0.00	32.88 0.39 0.00	43.66 0.52 0.00	44.54 0.53 0.00	39.36 -0.04 0.00	41.28 -0.29 0.00	39.09 -0.43 0.00	36.64 -0.37 0.00	36.64 -0.56 0.00	35.60 -0.69 0.00	32.67 -0.70 0.00	33.18 -0.71 0.00	35.21 -0.79 0.00	37.30 -0.72 0.00	40.71 -0.37 0.00	48.20 0.00 0.00	52.23 0.31 0.00	43.83 0.22 0.00	35.51 0.21 0.00	33.51 0.13 0.00
SITHE___STERLING 23777	35.43 0.73 0.00	32.57 0.61 0.00	30.76 0.51 0.00	29.10 0.40 0.00	30.54 0.54 0.00	33.18 0.68 0.00	44.26 1.12 0.00	45.12 1.10 0.00	40.23 0.83 0.00	42.32 0.75 0.00	40.12 0.59 0.00	37.45 0.45 0.00	37.65 0.45 0.00	36.65 0.36 0.00	33.67 0.30 0.00	34.16 0.27 0.00	36.33 0.32 0.00	38.52 0.49 0.00	41.78 0.70 0.00	49.35 1.15 0.00	53.22 1.30 0.00	44.70 1.09 0.00	36.07 0.78 0.00	34.04 0.67 0.00
SLEIGHT__34_KV_TB1 80719	33.94 -0.76 0.00	30.94 -1.02 0.00	29.25 -1.00 0.00	27.75 -0.95 0.00	29.01 -0.99 0.00	31.55 -0.94 0.00	42.41 -0.73 0.00	43.27 -0.75 0.00	38.45 -0.95 0.00	40.28 -1.29 0.00	38.14 -1.38 0.00	35.71 -1.30 0.00	36.23 -0.97 0.00	35.31 -0.98 0.00	32.17 -1.20 0.00	32.64 -1.25 0.00	34.67 -1.33 0.00	36.62 -1.41 0.00	39.85 -1.23 0.00	46.66 -1.54 0.00	50.67 -1.25 0.00	42.61 -1.00 0.00	34.24 -1.06 0.00	32.24 -1.13 0.00
SOUTH CAIRO___GT 23612	36.37 1.67 0.00	33.56 1.60 0.00	31.76 1.51 0.00	30.07 1.38 0.00	31.47 1.47 0.00	34.12 1.62 0.00	44.99 1.85 0.00	45.73 1.72 0.00	40.93 1.54 0.00	42.99 1.41 0.00	40.67 1.15 0.00	38.04 1.04 0.00	38.05 0.86 0.00	37.20 0.91 0.00	34.51 0.87 0.00	35.29 1.05 0.00	37.27 1.26 0.00	39.66 1.64 0.00	43.09 2.01 0.00	50.75 2.55 0.00	54.52 2.60 0.00	45.83 2.22 0.00	37.13 1.84 0.00	35.11 1.74 0.00
SOUTH HAMPTN___IC 23720	65.16 3.61 -26.85	54.10 3.36 -18.78	49.99 3.12 -16.63	49.96 2.93 -18.34	54.08 3.09 -20.99	60.75 3.28 -24.97	64.39 4.62 -16.63	64.39 4.71 -15.66	67.74 4.37 -23.97	64.42 4.78 -18.07	63.83 4.58 -19.72	60.74 4.14 -19.59	59.49 4.02 -18.27	59.40 3.99 -19.12	49.45 3.80 -12.28	49.39 3.86 -11.63	60.43 4.28 -20.15	63.34 4.52 -20.79	70.02 4.56 -24.38	89.27 5.16 -35.92	109.48 5.40 -52.16	89.44 4.88 -40.95	65.46 3.88 -26.28	59.17 3.41 -22.39
SOUTHDOW__115KV_TB1 355954	33.56 -1.15 0.00	30.14 -1.82 0.00	28.40 -1.85 0.00	27.03 -1.66 0.00	28.20 -1.80 0.00	30.67 -1.82 0.00	42.06 -1.08 0.00	42.34 -1.67 0.00	37.95 -1.42 0.03	34.55 -1.37 5.65	36.21 -1.70 1.62	35.13 -1.85 0.03	35.04 -2.16 0.00	34.22 -2.07 0.00	30.93 -2.44 0.00	31.38 -2.51 0.00	33.38 -2.63 0.00	35.47 -2.55 0.01	38.71 -2.34 0.03	45.71 -2.46 0.03	49.79 -2.13 0.00	41.91 -1.70 0.00	33.46 -1.84 0.00	31.21 -2.17 0.00
SOUTHOLD_69_KV_BK 2 55809	65.52 3.96 -26.86	54.40 3.64 -18.79	50.24 3.36 -16.63	50.20 3.16 -18.35	54.32 3.33 -20.99	60.98 3.51 -24.98	64.74 4.96 -16.64	64.66 4.97 -15.67	68.06 4.69 -23.98	64.68 5.03 -18.07	64.11 4.86 -19.73	60.97 4.37 -19.60	59.68 4.20 -18.28	59.48 4.06 -19.12	49.38 3.74 -12.28	49.22 3.69 -11.63	60.12 3.96 -20.15	63.04 4.22 -20.80	69.90 4.44 -24.38	89.28 5.16 -35.93	109.50 5.40 -52.18	89.55 4.97 -40.97	65.61 4.02 -26.29	59.34 3.57 -22.40
SOUTHOLD___IC 23719	65.45 3.89 -26.86	54.33 3.58 -18.79	50.18 3.30 -16.63	50.14 3.10 -18.35	54.26 3.27 -20.99	60.92 3.44 -24.98	64.65 4.87 -16.64	64.66 4.97 -15.67	68.02 4.65 -23.98	64.68 5.03 -18.07	64.11 4.86 -19.73	60.97 4.36 -19.60	59.68 4.20 -18.28	59.48 4.06 -19.12	49.45 3.80 -12.28	49.29 3.76 -11.63	60.37 4.21 -20.15	63.23 4.41 -20.80	69.94 4.48 -24.38	89.29 5.16 -35.93	109.55 5.45 -52.18	89.63 5.06 -40.97	65.65 4.06 -26.29	59.27 3.50 -22.40
SOUTH_FORK_WT_PWR 323839	65.44 3.89 -26.85	54.33 3.58 -18.79	50.17 3.30 -16.63	50.14 3.10 -18.34	54.23 3.24 -20.99	60.91 3.44 -24.98	64.60 4.83 -16.63	64.61 4.93 -15.66	68.02 4.65 -23.98	64.63 4.99 -18.07	64.03 4.78 -19.73	60.89 4.29 -19.59	59.57 4.09 -18.27	59.30 3.88 -19.12	49.22 3.57 -12.28	49.02 3.49 -11.63	60.08 3.93 -20.15	62.81 3.99 -20.79	69.53 4.07 -24.38	88.85 4.73 -35.92	109.18 5.09 -52.17	89.41 4.84 -40.96	65.54 3.95 -26.29	59.21 3.44 -22.39

SPIERFLS_115KV_TB 1 80737	36.40 1.70 0.00	33.66 1.69 0.00	31.82 1.57 0.00	30.19 1.49 0.00	31.56 1.56 0.00	34.21 1.72 0.00	45.38 2.24 0.00	46.26 2.24 0.00	41.45 2.05 0.00	43.74 2.16 0.00	41.42 1.90 0.00	38.75 1.74 0.00	38.69 1.49 0.00	37.56 1.27 0.00	34.60 1.23 0.00	35.25 1.36 0.00	37.34 1.33 0.00	39.62 1.60 0.00	43.05 1.97 0.00	50.85 2.65 0.00	54.67 2.75 0.00	45.88 2.27 0.00	37.02 1.73 0.00	35.04 1.67 0.00
ST LAWRENCE____ 23600	34.50 -0.21 0.00	31.81 -0.16 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	42.92 -0.21 0.00	43.84 -0.18 0.00	39.16 -0.23 0.00	41.28 -0.29 0.00	39.25 -0.27 0.00	36.79 -0.22 0.00	36.98 -0.22 0.00	36.04 -0.25 0.00	33.14 -0.23 0.00	33.62 -0.27 0.00	35.68 -0.32 0.00	37.72 -0.31 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.61 -0.31 0.00	43.31 -0.30 0.00	35.08 -0.21 0.00	33.11 -0.27 0.00
STATE_CA_115KV_115_LB 55624	35.54 0.83 0.00	32.86 0.90 0.00	31.12 0.88 0.00	29.50 0.80 0.00	30.84 0.84 0.00	33.37 0.88 0.00	43.79 0.65 0.00	44.63 0.62 0.00	40.15 0.75 0.00	42.45 0.87 0.00	40.36 0.83 0.00	37.86 0.85 0.00	37.91 0.71 0.00	37.05 0.76 0.00	34.14 0.77 0.00	34.74 0.85 0.00	36.87 0.86 0.00	38.94 0.91 0.00	42.06 0.99 0.00	49.21 1.01 0.00	52.85 0.93 0.00	44.52 0.92 0.00	36.11 0.81 0.00	34.31 0.93 0.00
STATE_ST_34_KV_LOAD 55959	34.81 0.10 0.00	31.87 -0.10 0.00	30.13 -0.12 0.00	28.58 -0.11 0.00	29.91 -0.09 0.00	32.49 0.00 0.00	43.53 0.39 0.00	44.41 0.40 0.00	39.64 0.24 0.00	42.48 0.08 -0.82	39.77 -0.04 -0.28	36.86 -0.15 0.00	37.12 -0.07 0.00	36.18 -0.11 0.00	33.10 -0.27 0.00	33.55 -0.34 0.00	35.65 -0.36 0.00	37.68 -0.34 0.00	40.96 -0.12 0.00	48.16 -0.05 0.00	52.02 0.10 0.00	43.65 0.04 0.00	35.19 -0.11 0.00	33.24 -0.13 0.00
STATION 5_MISC_HYD 23604	34.01 -0.69 0.00	30.56 -1.41 0.00	28.92 -1.33 0.00	27.46 -1.23 0.00	28.80 -1.20 0.00	31.35 -1.14 0.00	42.28 -0.86 0.00	43.01 -1.01 0.00	38.10 -1.30 0.00	39.83 -1.74 0.00	37.67 -1.86 0.00	35.56 -1.44 0.00	36.01 -1.19 0.00	35.13 -1.16 0.00	32.10 -1.27 0.00	32.71 -1.19 0.00	34.50 -1.51 0.00	36.39 -1.63 0.00	39.60 -1.48 0.00	46.42 -1.78 0.00	50.36 -1.56 0.00	42.47 -1.13 0.00	34.13 -1.16 0.00	32.04 -1.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.15 -0.56 0.00	31.10 -0.86 0.00	29.37 -0.88 0.00	27.89 -0.80 0.00	29.16 -0.84 0.00	31.68 -0.81 0.00	42.66 -0.47 0.00	43.49 -0.53 0.00	38.61 -0.79 0.00	40.49 -1.08 0.00	38.34 -1.19 0.00	35.86 -1.15 0.00	36.38 -0.82 0.00	35.46 -0.83 0.00	32.30 -1.07 0.00	32.81 -1.08 0.00	34.89 -1.12 0.00	36.85 -1.18 0.00	40.13 -0.94 0.00	46.99 -1.20 0.00	51.04 -0.88 0.00	42.95 -0.65 0.00	34.48 -0.81 0.00	32.44 -0.93 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.70 -1.01 0.00	30.56 -1.41 0.00	28.89 -1.36 0.00	27.43 -1.26 0.00	28.68 -1.32 0.00	31.13 -1.36 0.00	41.97 -1.16 0.00	42.78 -1.23 0.00	37.90 -1.50 0.00	39.66 -1.91 0.00	37.51 -2.02 0.00	35.19 -1.81 0.00	35.86 -1.34 0.00	34.98 -1.31 0.00	31.80 -1.57 0.00	32.30 -1.59 0.00	34.35 -1.66 0.00	36.24 -1.79 0.00	39.39 -1.68 0.00	46.08 -2.12 0.00	50.16 -1.77 0.00	42.26 -1.35 0.00	33.88 -1.41 0.00	31.84 -1.54 0.00
STA_56____34_KV_BUS2 355983	33.70 -1.01 0.00	30.56 -1.41 0.00	28.89 -1.36 0.00	27.43 -1.26 0.00	28.68 -1.32 0.00	31.13 -1.36 0.00	41.97 -1.16 0.00	42.78 -1.23 0.00	37.90 -1.50 0.00	39.66 -1.91 0.00	37.51 -2.02 0.00	35.19 -1.81 0.00	35.86 -1.34 0.00	34.98 -1.31 0.00	31.80 -1.57 0.00	32.30 -1.59 0.00	34.35 -1.66 0.00	36.24 -1.79 0.00	39.39 -1.68 0.00	46.08 -2.12 0.00	50.16 -1.77 0.00	42.26 -1.35 0.00	33.88 -1.41 0.00	31.84 -1.54 0.00
STA_67____115KV_BK2 355882	33.84 -0.87 0.00	30.69 -1.28 0.00	28.98 -1.27 0.00	27.55 -1.15 0.00	28.77 -1.23 0.00	31.23 -1.27 0.00	42.15 -0.99 0.00	42.96 -1.06 0.00	38.02 -1.38 0.00	39.75 -1.83 0.00	37.59 -1.94 0.00	35.27 -1.74 0.00	35.93 -1.26 0.00	35.09 -1.20 0.00	31.87 -1.50 0.00	32.37 -1.53 0.00	34.42 -1.58 0.00	36.31 -1.71 0.00	39.52 -1.56 0.00	46.22 -1.98 0.00	50.31 -1.61 0.00	42.43 -1.18 0.00	34.02 -1.27 0.00	31.91 -1.47 0.00
STA_7____115KV_9TRANS 80674	34.01 -0.69 0.00	30.81 -1.15 0.00	29.10 -1.15 0.00	27.66 -1.03 0.00	28.92 -1.08 0.00	31.39 -1.10 0.00	42.36 -0.78 0.00	43.18 -0.84 0.00	38.25 -1.14 0.00	40.00 -1.58 0.00	37.83 -1.70 0.00	35.49 -1.52 0.00	36.16 -1.04 0.00	35.27 -1.02 0.00	32.03 -1.33 0.00	32.54 -1.36 0.00	34.60 -1.40 0.00	36.50 -1.52 0.00	39.76 -1.31 0.00	46.51 -1.69 0.00	50.62 -1.30 0.00	42.69 -0.92 0.00	34.20 -1.09 0.00	32.07 -1.30 0.00
STA_82____115KV_TB1 80780	33.80 -0.90 0.00	30.62 -1.34 0.00	28.95 -1.30 0.00	27.49 -1.21 0.00	28.74 -1.26 0.00	31.19 -1.30 0.00	42.06 -1.08 0.00	42.87 -1.14 0.00	37.94 -1.46 0.00	39.67 -1.91 0.00	37.51 -2.02 0.00	35.23 -1.78 0.00	35.90 -1.30 0.00	35.02 -1.27 0.00	31.83 -1.53 0.00	32.30 -1.59 0.00	34.39 -1.62 0.00	36.28 -1.75 0.00	39.44 -1.64 0.00	46.13 -2.07 0.00	50.21 -1.71 0.00	42.34 -1.26 0.00	33.95 -1.34 0.00	31.87 -1.50 0.00
STEEL____WIND 323596	32.97 -1.73 0.00	29.12 -2.84 0.00	27.52 -2.72 0.00	26.17 -2.53 0.00	27.42 -2.58 0.00	29.89 -2.60 0.00	40.85 -2.29 0.00	41.02 -2.99 0.00	36.61 -2.76 0.03	32.20 -2.95 6.42	34.56 -3.12 1.85	33.98 -3.00 0.03	34.19 -3.01 0.00	33.42 -2.87 0.00	30.53 -2.84 0.00	31.25 -2.64 0.00	32.80 -3.20 0.00	34.59 -3.42 0.01	37.51 -3.53 0.03	44.07 -4.10 0.03	48.08 -3.84 0.00	40.60 -3.01 0.00	32.61 -2.68 0.00	30.47 -2.90 0.00
STEPHTWN_115KV_BK_2 55603	35.71 1.01 0.00	33.02 1.05 0.00	31.27 1.03 0.00	29.64 0.95 0.00	30.99 0.99 0.00	33.56 1.07 0.00	44.09 0.95 0.00	44.90 0.88 0.00	40.38 0.98 0.00	42.70 1.12 0.00	40.55 1.03 0.00	38.01 1.00 0.00	38.05 0.86 0.00	37.16 0.87 0.00	34.27 0.90 0.00	34.88 0.98 0.00	37.01 1.01 0.00	39.13 1.10 0.00	42.31 1.23 0.00	49.55 1.35 0.00	53.22 1.30 0.00	44.79 1.18 0.00	36.32 1.02 0.00	34.48 1.10 0.00
STEBEN_REC_LFGE 323667	34.15 -0.56 0.00	30.81 -1.15 0.00	29.04 -1.21 0.00	27.55 -1.15 0.00	28.65 -1.35 0.00	31.23 -1.27 0.00	42.45 -0.69 0.00	43.00 -1.01 0.00	38.40 -1.06 -0.07	54.81 -1.16 -14.40	43.15 -1.34 -4.97	35.63 -1.44 -0.07	35.79 -1.41 0.00	34.95 -1.34 0.00	31.73 -1.64 0.00	32.33 -1.56 0.00	34.39 -1.62 0.00	36.53 -1.52 -0.03	40.20 -0.94 -0.07	47.40 -0.87 -0.07	51.56 -0.36 0.00	43.35 -0.26 0.00	34.55 -0.74 0.00	32.37 -1.00 0.00
STILLWATER____SOLAR 323814	36.06 1.35 0.00	33.40 1.44 0.00	31.61 1.36 0.00	29.99 1.29 0.00	31.32 1.32 0.00	33.92 1.43 0.00	44.91 1.77 0.00	45.78 1.76 0.00	41.09 1.69 0.00	43.36 1.79 0.00	41.15 1.62 0.00	38.49 1.48 0.00	38.54 1.34 0.00	37.49 1.20 0.00	34.60 1.24 0.00	35.21 1.32 0.00	37.41 1.40 0.00	39.58 1.56 0.00	42.93 1.85 0.00	50.51 2.31 0.00	54.31 2.39 0.00	45.62 2.01 0.00	36.88 1.59 0.00	34.81 1.43 0.00

STONY___BROOK 24151	72.10 2.81 -34.58	58.94 2.78 -24.20	54.23 2.57 -21.42	54.73 2.41 -23.62	59.58 2.55 -27.03	67.33 2.66 -32.17	68.22 3.66 -21.42	67.97 3.79 -20.17	71.42 3.47 -28.56	67.33 3.91 -21.85	66.70 3.76 -23.42	63.10 3.48 -22.62	61.59 3.42 -20.97	61.59 3.48 -21.81	49.19 3.50 -12.31	49.72 3.66 -12.16	63.14 3.96 -23.18	66.69 4.18 -24.48	74.81 4.07 -29.67	98.80 4.34 -46.26	123.52 4.41 -67.19	99.26 3.93 -51.72	72.35 3.21 -33.84	65.08 2.87 -28.84
STURGEON_POOL_HYD 23609	36.27 1.56 0.00	33.50 1.53 0.00	31.73 1.48 0.00	30.05 1.35 0.00	31.44 1.44 0.00	33.92 1.43 0.00	45.12 1.98 0.00	46.04 2.02 0.00	41.37 1.97 0.00	43.82 2.24 0.00	41.82 2.29 0.00	39.08 2.07 0.00	39.17 1.97 0.00	38.40 2.10 0.00	36.05 2.04 -0.65	36.84 2.14 -0.81	38.31 2.30 0.00	40.69 2.66 0.00	43.75 2.67 0.00	51.28 3.08 0.00	54.98 3.06 0.00	46.18 2.57 0.00	37.24 1.94 0.00	35.01 1.64 0.00
ST_LAW_115_BK7_LBMP 345037	34.46 -0.24 0.00	31.81 -0.16 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	42.92 -0.21 0.00	43.84 -0.18 0.00	39.12 -0.27 0.00	41.28 -0.29 0.00	39.21 -0.32 0.00	36.75 -0.26 0.00	36.94 -0.26 0.00	36.00 -0.29 0.00	33.10 -0.27 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.68 -0.34 0.00	40.75 -0.33 0.00	47.86 -0.34 0.00	51.61 -0.31 0.00	43.31 -0.30 0.00	35.05 -0.25 0.00	33.11 -0.27 0.00
ST_LAW_115_BK8_LBMP 345038	34.46 -0.24 0.00	31.81 -0.16 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	42.92 -0.21 0.00	43.84 -0.18 0.00	39.12 -0.27 0.00	41.28 -0.29 0.00	39.21 -0.32 0.00	36.75 -0.26 0.00	36.94 -0.26 0.00	36.00 -0.29 0.00	33.10 -0.27 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.68 -0.34 0.00	40.75 -0.33 0.00	47.86 -0.34 0.00	51.61 -0.31 0.00	43.31 -0.30 0.00	35.05 -0.25 0.00	33.11 -0.27 0.00
ST_LAW_230_BK5_LBMP 345035	34.50 -0.21 0.00	31.81 -0.16 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	42.92 -0.21 0.00	43.84 -0.18 0.00	39.16 -0.23 0.00	41.28 -0.29 0.00	39.25 -0.27 0.00	36.79 -0.22 0.00	36.98 -0.22 0.00	36.04 -0.25 0.00	33.14 -0.23 0.00	33.62 -0.27 0.00	35.68 -0.32 0.00	37.72 -0.31 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.61 -0.31 0.00	43.31 -0.30 0.00	35.08 -0.21 0.00	33.11 -0.27 0.00
ST_LAW_230_BK6_LBMP 345036	34.50 -0.21 0.00	31.81 -0.16 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	42.92 -0.21 0.00	43.84 -0.18 0.00	39.16 -0.23 0.00	41.28 -0.29 0.00	39.25 -0.27 0.00	36.79 -0.22 0.00	36.98 -0.22 0.00	36.04 -0.25 0.00	33.14 -0.23 0.00	33.62 -0.27 0.00	35.68 -0.32 0.00	37.72 -0.31 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.61 -0.31 0.00	43.31 -0.30 0.00	35.08 -0.21 0.00	33.11 -0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.20 1.49 0.00	33.43 1.47 0.00	31.67 1.42 0.00	30.02 1.32 0.00	31.38 1.38 0.00	33.82 1.33 0.00	45.04 1.90 0.00	45.95 1.94 0.00	41.29 1.89 0.00	43.74 2.16 0.00	41.78 2.25 0.00	39.08 2.07 0.00	39.17 1.97 0.00	38.36 2.07 0.00	38.00 2.04 -2.59	39.25 2.10 -3.25	38.27 2.27 0.00	40.57 2.55 0.00	43.67 2.59 0.00	51.14 2.94 0.00	54.83 2.91 0.00	46.05 2.44 0.00	37.09 1.80 0.00	34.94 1.57 0.00
SWANROAD_115KV_TB1 355699	31.89 -2.81 0.00	28.54 -3.42 0.00	26.89 -3.36 0.00	25.60 -3.10 0.00	26.61 -3.39 0.00	28.89 -3.61 0.00	39.39 -3.75 0.00	39.70 -4.31 0.00	35.12 -4.25 0.02	32.23 -4.53 4.81	33.14 -4.62 1.76	32.47 -4.51 0.02	33.18 -4.02 0.00	32.41 -3.88 0.00	29.26 -4.10 0.00	29.62 -4.27 0.00	31.65 -4.36 0.00	33.34 -4.68 0.01	36.25 -4.81 0.02	42.20 -5.98 0.02	46.36 -5.56 0.00	39.25 -4.36 0.00	31.48 -3.81 0.00	29.44 -3.94 0.00
SYNERGY___BIOGAS 323694	33.39 -1.32 0.00	29.98 -1.98 0.00	28.28 -1.97 0.00	26.92 -1.78 0.00	28.08 -1.92 0.00	30.48 -2.01 0.00	41.54 -1.60 0.00	42.08 -1.94 0.00	37.13 -2.25 0.02	35.67 -2.66 3.24	35.49 -2.89 1.15	34.18 -2.81 0.02	34.82 -2.38 0.00	34.00 -2.29 0.00	30.70 -2.67 0.00	31.15 -2.75 0.00	33.20 -2.81 0.00	35.09 -2.93 0.01	38.39 -2.67 0.02	44.95 -3.23 0.02	49.22 -2.70 0.00	41.60 -2.01 0.00	33.25 -2.05 0.00	31.04 -2.34 0.00
SYRACUSE___ENERGY_ST1 323597	34.53 -0.17 0.00	31.71 -0.26 0.00	29.97 -0.27 0.00	28.44 -0.26 0.00	29.73 -0.27 0.00	32.27 -0.23 0.00	43.05 -0.09 0.00	43.93 -0.09 0.00	39.28 -0.12 0.00	41.41 -0.17 0.00	39.29 -0.24 0.00	36.75 -0.26 0.00	37.01 -0.19 0.00	36.07 -0.22 0.00	33.07 -0.30 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.64 -0.38 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.39 -0.22 0.00	35.08 -0.21 0.00	33.18 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	34.53 -0.17 0.00	31.71 -0.26 0.00	29.97 -0.27 0.00	28.44 -0.26 0.00	29.73 -0.27 0.00	32.27 -0.23 0.00	43.05 -0.09 0.00	43.93 -0.09 0.00	39.28 -0.12 0.00	41.41 -0.17 0.00	39.29 -0.24 0.00	36.75 -0.26 0.00	37.01 -0.19 0.00	36.07 -0.22 0.00	33.07 -0.30 0.00	33.59 -0.31 0.00	35.68 -0.32 0.00	37.64 -0.38 0.00	40.79 -0.29 0.00	47.86 -0.34 0.00	51.66 -0.26 0.00	43.39 -0.22 0.00	35.08 -0.21 0.00	33.18 -0.20 0.00
SYRACUSE___POWER 24017	34.50 -0.21 0.00	31.68 -0.29 0.00	29.94 -0.30 0.00	28.38 -0.32 0.00	29.67 -0.33 0.00	32.20 -0.29 0.00	43.01 -0.13 0.00	43.84 -0.18 0.00	39.20 -0.20 0.00	41.37 -0.21 0.00	39.25 -0.28 0.00	36.67 -0.33 0.00	36.94 -0.26 0.00	36.00 -0.29 0.00	33.00 -0.37 0.00	33.52 -0.37 0.00	35.61 -0.40 0.00	37.61 -0.42 0.00	40.71 -0.37 0.00	47.81 -0.39 0.00	51.61 -0.31 0.00	43.30 -0.31 0.00	35.01 -0.28 0.00	33.11 -0.27 0.00
TALLMAN__138KV_BK151 55660	36.37 1.67 0.00	33.63 1.66 0.00	31.82 1.57 0.00	30.16 1.46 0.00	31.53 1.53 0.00	33.99 1.49 0.00	45.25 2.11 0.00	46.22 2.20 0.00	41.52 2.13 0.00	44.03 2.45 0.00	42.09 2.57 0.00	39.34 2.33 0.00	39.47 2.27 0.00	38.65 2.36 0.00	38.05 2.34 -2.35	39.25 2.41 -2.95	38.56 2.56 0.00	40.91 2.89 0.00	43.95 2.88 0.00	51.48 3.28 0.00	55.19 3.27 0.00	46.31 2.70 0.00	37.31 2.01 0.00	35.11 1.74 0.00
TEALLAVE_115KV_TB7 355573	34.36 -0.35 0.00	31.55 -0.42 0.00	29.82 -0.42 0.00	28.30 -0.40 0.00	29.58 -0.42 0.00	32.07 -0.42 0.00	42.79 -0.35 0.00	43.66 -0.35 0.00	39.04 -0.35 0.00	41.20 -0.37 0.00	39.09 -0.43 0.00	36.56 -0.44 0.00	36.83 -0.37 0.00	35.89 -0.40 0.00	32.90 -0.47 0.00	33.42 -0.47 0.00	35.50 -0.50 0.00	37.45 -0.57 0.00	40.54 -0.53 0.00	47.57 -0.63 0.00	51.35 -0.57 0.00	43.13 -0.48 0.00	34.87 -0.42 0.00	32.98 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	32.80 -1.91 0.00	29.41 -2.56 0.00	27.74 -2.51 0.00	26.37 -2.32 0.00	27.48 -2.52 0.00	29.83 -2.66 0.00	40.64 -2.50 0.00	41.11 -2.91 0.00	36.34 -3.03 0.02	34.23 -3.41 3.93	34.58 -3.56 1.39	33.51 -3.48 0.02	34.19 -3.01 0.00	33.39 -2.90 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.40 -3.61 0.01	37.53 -3.53 0.02	43.84 -4.34 0.02	48.08 -3.84 0.00	40.64 -2.97 0.00	32.54 -2.75 0.00	30.37 -3.00 0.00

TEMPLE___115KV_TB 2 55572	34.36 -0.35 0.00	31.55 -0.42 0.00	29.82 -0.42 0.00	28.30 -0.40 0.00	29.58 -0.42 0.00	32.10 -0.39 0.00	42.84 -0.30 0.00	43.71 -0.31 0.00	39.08 -0.32 0.00	41.20 -0.37 0.00	39.13 -0.40 0.00	36.60 -0.41 0.00	36.86 -0.33 0.00	35.93 -0.36 0.00	32.94 -0.43 0.00	33.45 -0.44 0.00	35.54 -0.47 0.00	37.49 -0.53 0.00	40.54 -0.53 0.00	47.57 -0.63 0.00	51.35 -0.57 0.00	43.13 -0.48 0.00	34.87 -0.42 0.00	33.01 -0.37 0.00
TIANA___69_KV_BK 1 55817	65.14 3.57 -26.86	54.08 3.32 -18.79	49.96 3.09 -16.63	49.94 2.90 -18.35	54.08 3.09 -20.99	60.69 3.22 -24.98	64.35 4.57 -16.64	64.26 4.58 -15.67	67.67 4.29 -23.98	64.30 4.66 -18.07	63.76 4.51 -19.73	60.71 4.11 -19.60	59.42 3.94 -18.28	59.37 3.96 -19.12	49.42 3.77 -12.28	49.32 3.80 -11.63	60.19 4.03 -20.15	63.23 4.41 -20.80	69.98 4.52 -24.38	89.29 5.16 -35.93	109.40 5.30 -52.18	89.33 4.75 -40.97	65.40 3.81 -26.29	59.14 3.37 -22.40
TILDEN___115KV_TB1 80814	34.50 -0.21 0.00	31.68 -0.29 0.00	29.94 -0.30 0.00	28.38 -0.32 0.00	29.67 -0.33 0.00	32.20 -0.29 0.00	43.01 -0.13 0.00	43.84 -0.18 0.00	39.20 -0.20 0.00	41.37 -0.21 0.00	39.25 -0.28 0.00	36.67 -0.33 0.00	36.94 -0.26 0.00	36.00 -0.29 0.00	33.00 -0.37 0.00	33.52 -0.37 0.00	35.61 -0.40 0.00	37.61 -0.42 0.00	40.71 -0.37 0.00	47.81 -0.39 0.00	51.61 -0.31 0.00	43.30 -0.31 0.00	35.01 -0.28 0.00	33.11 -0.27 0.00
TRIGEN___CC 323695	37.04 2.33 -0.02	34.23 2.27 0.00	32.36 2.12 0.00	30.68 1.98 0.00	32.10 2.10 0.00	34.64 2.14 0.00	46.13 2.98 -0.02	47.07 3.04 -0.02	56.27 2.76 -14.12	53.38 3.16 -8.65	54.75 3.12 -12.10	55.81 2.89 -15.91	55.59 2.79 -15.60	56.28 2.87 -17.12	56.55 2.84 -20.35	52.78 2.91 -15.97	55.96 3.10 -16.86	55.42 3.38 -14.01	55.02 3.41 -10.54	52.02 3.81 -0.02	55.83 3.89 -0.02	53.11 3.23 -6.27	37.99 2.58 -0.12	35.73 2.34 -0.02
TRINITY___115KV___ 4 BK 55933	35.43 0.73 0.00	32.76 0.80 0.00	31.03 0.79 0.00	29.41 0.72 0.00	30.75 0.75 0.00	33.27 0.78 0.00	43.66 0.52 0.00	44.46 0.44 0.00	40.03 0.63 0.00	42.32 0.75 0.00	40.24 0.71 0.00	37.75 0.74 0.00	37.83 0.63 0.00	36.94 0.65 0.00	34.07 0.70 0.00	34.64 0.75 0.00	36.80 0.79 0.00	38.86 0.84 0.00	41.94 0.86 0.00	49.07 0.87 0.00	52.70 0.78 0.00	44.35 0.74 0.00	36.00 0.71 0.00	34.24 0.87 0.00
UNION___PROCESSING_DRP 323587	33.80 -0.90 0.00	30.65 -1.31 0.00	28.95 -1.30 0.00	27.52 -1.18 0.00	28.74 -1.26 0.00	31.19 -1.30 0.00	42.06 -1.08 0.00	42.87 -1.14 0.00	37.94 -1.46 0.00	39.71 -1.87 -0.01	37.55 -1.98 0.00	35.23 -1.78 0.00	35.90 -1.30 0.00	35.02 -1.27 0.00	31.83 -1.53 0.00	32.30 -1.59 0.00	34.39 -1.62 0.00	36.28 -1.75 0.00	39.48 -1.60 0.00	46.13 -2.07 0.00	50.26 -1.66 0.00	42.34 -1.26 0.00	33.95 -1.34 0.00	31.87 -1.50 0.00
UPPER HUDSON___HYD 24058	36.34 1.63 0.00	33.63 1.66 0.00	31.79 1.54 0.00	30.16 1.46 0.00	31.50 1.50 0.00	34.18 1.69 0.00	45.38 2.24 0.00	46.26 2.24 0.00	41.44 2.05 0.00	43.73 2.16 0.00	41.42 1.90 0.00	38.71 1.70 0.00	38.69 1.49 0.00	37.56 1.27 0.00	34.64 1.27 0.00	35.28 1.39 0.00	37.41 1.40 0.00	39.66 1.63 0.00	43.09 2.01 0.00	50.85 2.65 0.00	54.72 2.80 0.00	45.92 2.31 0.00	37.06 1.76 0.00	35.01 1.63 0.00
UPPER RAQUET___HYD 24056	34.22 -0.49 0.00	31.58 -0.38 0.00	29.85 -0.39 0.00	28.32 -0.37 0.00	29.64 -0.36 0.00	32.20 -0.29 0.00	42.79 -0.35 0.00	43.75 -0.26 0.00	38.76 -0.63 0.00	40.74 -0.83 0.00	38.66 -0.87 0.00	36.19 -0.81 0.00	36.01 -1.19 0.00	34.87 -1.42 0.00	31.87 -1.50 0.00	32.33 -1.56 0.00	34.35 -1.66 0.00	36.39 -1.63 0.00	39.60 -1.48 0.00	46.80 -1.40 0.00	50.88 -1.04 0.00	42.65 -0.96 0.00	34.66 -0.63 0.00	32.81 -0.57 0.00
VALLEY44___115KV_TB2 355964	33.21 -1.49 0.00	29.85 -2.11 0.00	28.16 -2.09 0.00	26.83 -1.87 0.00	27.90 -2.10 0.00	30.35 -2.14 0.00	41.46 -1.68 0.00	41.64 -2.38 0.00	37.87 -1.50 0.02	35.37 -1.08 5.12	36.89 -1.23 1.41	35.24 -1.74 0.02	34.63 -2.57 0.00	33.82 -2.47 0.00	30.73 -2.64 0.00	31.18 -2.71 0.00	33.23 -2.77 0.00	35.12 -2.89 0.01	38.42 -2.63 0.02	45.48 -2.70 0.02	49.17 -2.75 0.00	41.43 -2.18 0.00	33.00 -2.29 0.00	30.97 -2.40 0.00
VALLEY___115KV_TB 1-4 80826	35.40 0.69 0.00	32.64 0.67 0.00	30.88 0.64 0.00	29.33 0.63 0.00	30.78 0.78 0.00	33.40 0.91 0.00	44.30 1.16 0.00	45.25 1.23 0.00	40.46 1.06 0.00	42.70 1.12 0.00	40.59 1.07 0.00	38.01 1.00 0.00	38.24 1.04 0.00	37.23 0.94 0.00	34.24 0.87 0.00	34.71 0.81 0.00	36.91 0.90 0.00	38.94 0.91 0.00	42.06 0.99 0.00	49.40 1.20 0.00	53.17 1.25 0.00	44.70 1.09 0.00	36.32 1.02 0.00	34.38 1.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.13 1.42 0.00	33.28 1.31 0.00	31.46 1.21 0.00	29.76 1.06 0.00	31.20 1.20 0.00	33.79 1.30 0.00	45.04 1.90 0.00	46.00 1.98 0.00	41.17 1.77 0.00	43.45 1.87 0.00	41.30 1.78 0.00	38.60 1.59 0.00	38.80 1.60 0.00	37.74 1.45 0.00	34.42 1.33 0.28	34.83 1.29 0.35	37.41 1.40 0.00	39.70 1.67 0.00	42.93 1.85 0.00	50.61 2.41 0.00	54.46 2.54 0.00	45.75 2.14 0.00	36.88 1.59 0.00	34.74 1.37 0.00
VISCHER___FERRY HYD 24020	35.64 0.94 0.00	33.05 1.09 0.00	31.30 1.06 0.00	29.70 1.00 0.00	31.02 1.02 0.00	33.53 1.04 0.00	44.22 1.08 0.00	45.12 1.10 0.00	40.62 1.22 0.00	42.94 1.37 0.00	40.83 1.30 0.00	38.23 1.22 0.00	38.31 1.11 0.00	37.38 1.09 0.00	34.47 1.10 0.00	35.08 1.19 0.00	37.30 1.29 0.00	39.39 1.37 0.00	42.60 1.52 0.00	49.93 1.73 0.00	53.63 1.71 0.00	45.09 1.48 0.00	36.50 1.20 0.00	34.48 1.10 0.00
V_A_10_SYNC_DSASP 323832	32.76 -1.94 0.00	29.44 -2.53 0.00	27.80 -2.45 0.00	26.46 -2.24 0.00	27.51 -2.49 0.00	29.86 -2.63 0.00	40.59 -2.55 0.00	41.02 -2.99 0.00	36.15 -3.23 0.02	34.24 -3.87 3.47	34.30 -3.95 1.27	33.51 -3.48 0.02	34.37 -2.83 0.00	33.57 -2.72 0.00	30.40 -2.97 0.00	30.81 -3.08 0.00	32.91 -3.10 0.00	34.63 -3.38 0.01	37.61 -3.45 0.02	43.70 -4.48 0.02	47.97 -3.95 0.00	40.56 -3.05 0.00	32.54 -2.75 0.00	30.47 -2.90 0.00
V_CMM_10_SYNC_DSASP 323787	34.91 0.21 0.00	32.22 0.26 0.00	30.49 0.24 0.00	28.98 0.29 0.00	30.27 0.27 0.00	32.82 0.32 0.00	43.48 0.35 0.00	44.41 0.40 0.00	39.63 0.24 0.00	41.78 0.21 0.00	39.72 0.20 0.00	37.27 0.26 0.00	37.46 0.26 0.00	36.51 0.22 0.00	33.54 0.17 0.00	34.03 0.14 0.00	36.08 0.07 0.00	37.80 -0.23 0.00	40.91 -0.16 0.00	48.05 -0.14 0.00	51.82 -0.10 0.00	43.48 -0.13 0.00	35.22 -0.07 0.00	33.24 -0.13 0.00
V_CMP_10_SYNC_DSASP 323788	34.81 0.10 0.00	32.09 0.13 0.00	30.37 0.12 0.00	28.87 0.17 0.00	30.18 0.18 0.00	32.75 0.26 0.00	43.44 0.30 0.00	44.41 0.40 0.00	39.59 0.20 0.00	41.74 0.17 0.00	39.64 0.12 0.00	37.15 0.15 0.00	37.38 0.19 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.04 0.04 0.00	38.06 0.04 0.00	41.24 0.16 0.00	48.44 0.24 0.00	52.28 0.36 0.00	43.83 0.22 0.00	35.44 0.14 0.00	33.41 0.03 0.00

V_D_10_SYNC_DSASP 323841	34.77 0.07 0.00	32.06 0.10 0.00	30.37 0.12 0.00	28.84 0.14 0.00	30.12 0.12 0.00	32.69 0.19 0.00	43.31 0.17 0.00	44.28 0.26 0.00	39.44 0.04 0.00	41.57 0.00 0.00	39.49 -0.04 0.00	37.01 0.00 0.00	37.20 0.00 0.00	36.22 -0.07 0.00	33.27 -0.10 0.00	33.76 -0.14 0.00	35.79 -0.22 0.00	37.80 -0.23 0.00	40.96 -0.12 0.00	48.20 0.00 0.00	51.92 0.00 0.00	43.56 -0.04 0.00	35.29 0.00 0.00	33.34 -0.03 0.00
V_E_10_SYNC_DSASP 323830	36.61 1.91 0.00	33.66 1.69 0.00	31.76 1.51 0.00	29.96 1.26 0.00	31.59 1.59 0.00	34.34 1.85 0.00	46.03 2.89 0.00	46.92 2.91 0.00	41.65 2.25 0.00	44.61 2.16 -0.87	41.64 1.82 -0.30	38.49 1.48 0.00	38.65 1.45 0.00	37.49 1.20 0.00	34.17 1.07 0.27	34.51 0.95 0.34	37.12 1.12 0.00	39.70 1.67 0.00	43.42 2.34 0.00	51.67 3.47 0.00	55.76 3.84 0.00	46.84 3.23 0.00	37.59 2.29 0.00	35.31 1.94 0.00
V_F_30_NSYNC___DSASP 323816	36.20 1.49 0.00	33.47 1.50 0.00	31.64 1.39 0.00	30.02 1.32 0.00	31.38 1.38 0.00	33.99 1.49 0.00	44.99 1.85 0.00	45.82 1.80 0.00	41.13 1.73 0.00	43.40 1.83 0.00	41.19 1.66 0.00	38.56 1.55 0.00	38.58 1.38 0.00	37.56 1.27 0.00	34.60 1.23 0.00	35.25 1.36 0.00	37.37 1.37 0.00	39.58 1.56 0.00	42.93 1.85 0.00	50.56 2.36 0.00	54.36 2.44 0.00	45.61 2.01 0.00	36.92 1.62 0.00	34.91 1.54 0.00
V_F_30_SYNC_DSASP 323786	35.54 0.83 0.00	32.86 0.90 0.00	31.12 0.88 0.00	29.50 0.80 0.00	30.84 0.84 0.00	33.37 0.88 0.00	43.79 0.65 0.00	44.63 0.62 0.00	40.15 0.75 0.00	42.45 0.87 0.00	40.36 0.83 0.00	37.86 0.85 0.00	37.91 0.71 0.00	37.05 0.76 0.00	34.14 0.77 0.00	34.74 0.85 0.00	36.87 0.86 0.00	38.94 0.91 0.00	42.06 0.99 0.00	49.21 1.01 0.00	52.85 0.93 0.00	44.52 0.92 0.00	36.11 0.81 0.00	34.31 0.93 0.00
V_XM_10_SYNC_DSASP 323789	34.81 0.10 0.00	32.09 0.13 0.00	30.37 0.12 0.00	28.87 0.17 0.00	30.18 0.18 0.00	32.75 0.26 0.00	43.44 0.30 0.00	44.41 0.40 0.00	39.59 0.20 0.00	41.74 0.17 0.00	39.64 0.12 0.00	37.15 0.15 0.00	37.38 0.19 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.04 0.04 0.00	38.06 0.04 0.00	41.24 0.16 0.00	48.44 0.24 0.00	52.28 0.36 0.00	43.83 0.22 0.00	35.44 0.14 0.00	33.41 0.03 0.00
W.BABYLN_69_KV_BK1 56697	40.82 2.95 -3.17	36.99 2.81 -2.21	34.80 2.60 -1.96	33.29 2.44 -2.16	35.08 2.61 -2.47	38.13 2.70 -2.94	48.94 3.84 -1.96	49.74 3.87 -1.85	53.77 3.62 -10.75	52.55 3.99 -6.98	52.52 3.87 -9.12	51.81 3.55 -11.25	51.57 3.46 -10.92	51.68 3.52 -11.87	50.11 3.47 -13.27	48.28 3.56 -10.83	51.63 3.78 -11.84	52.49 4.14 -10.32	54.10 4.23 -8.79	57.16 4.72 -4.23	62.84 4.78 -6.14	56.14 4.19 -8.34	41.77 3.32 -3.16	38.95 2.94 -2.64
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.47 1.77 0.00	33.69 1.73 0.00	31.88 1.63 0.00	30.22 1.52 0.00	31.59 1.59 0.00	34.05 1.56 0.00	45.38 2.24 0.00	46.31 2.29 0.00	41.64 2.25 0.00	44.15 2.58 0.00	42.17 2.65 0.00	39.45 2.44 0.00	39.54 2.34 0.00	38.72 2.43 0.00	37.75 2.40 -1.98	38.85 2.47 -2.49	38.67 2.66 0.00	40.99 2.97 0.00	44.08 3.00 0.00	51.62 3.42 0.00	55.35 3.43 0.00	46.44 2.83 0.00	37.41 2.12 0.00	35.21 1.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.65 1.94 0.00	33.88 1.92 0.00	32.09 1.85 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.21 1.72 0.00	45.64 2.50 0.00	46.66 2.64 0.00	41.96 2.56 0.00	44.53 2.95 0.00	42.57 3.04 0.00	39.78 2.78 0.00	39.88 2.68 0.00	39.08 2.79 0.00	37.32 2.74 -1.22	38.24 2.81 -1.53	39.03 3.02 0.00	41.37 3.35 0.00	44.36 3.29 0.00	51.91 3.71 0.00	55.66 3.74 0.00	46.66 3.05 0.00	37.59 2.29 0.00	35.31 1.94 0.00
W50THST__13_KV_LOAD 356117	36.82 2.12 0.00	34.04 2.08 0.00	32.21 1.97 0.00	30.56 1.87 0.00	31.95 1.95 0.00	34.38 1.88 0.00	45.90 2.76 0.00	46.97 2.95 0.00	42.23 2.84 0.00	44.82 3.24 0.00	42.85 3.32 0.00	40.04 3.03 0.00	40.14 2.94 0.00	39.34 3.05 0.00	37.56 2.97 -1.22	38.47 3.05 -1.53	39.25 3.24 0.00	41.64 3.61 0.00	44.65 3.57 0.00	52.20 4.00 0.00	55.97 4.05 0.00	46.88 3.27 0.00	37.77 2.47 0.00	35.48 2.10 0.00
WADING RIVER_IC_1 23522	64.65 3.19 -26.76	53.72 3.04 -18.72	49.63 2.81 -16.57	49.61 2.64 -18.28	53.70 2.79 -20.91	60.30 2.93 -24.89	63.81 4.10 -16.57	63.85 4.23 -15.61	67.21 3.90 -23.92	63.92 4.32 -18.02	63.35 4.15 -19.68	60.34 3.78 -19.55	59.12 3.68 -18.24	59.11 3.74 -19.09	49.31 3.67 -12.27	49.31 3.80 -11.62	60.29 4.17 -20.11	63.22 4.45 -20.75	69.83 4.44 -24.31	88.91 4.92 -35.79	108.94 5.03 -51.98	88.97 4.54 -40.82	65.05 3.56 -26.19	58.82 3.14 -22.31
WADING RIVER_IC_2 23547	64.65 3.19 -26.76	53.72 3.04 -18.72	49.63 2.81 -16.57	49.61 2.64 -18.28	53.70 2.79 -20.91	60.30 2.93 -24.89	63.81 4.10 -16.57	63.85 4.23 -15.61	67.21 3.90 -23.92	63.92 4.32 -18.02	63.35 4.15 -19.68	60.34 3.78 -19.55	59.12 3.68 -18.24	59.11 3.74 -19.09	49.31 3.67 -12.27	49.31 3.80 -11.62	60.29 4.17 -20.11	63.22 4.45 -20.75	69.83 4.44 -24.31	88.91 4.92 -35.79	108.94 5.03 -51.98	88.97 4.54 -40.82	65.05 3.56 -26.19	58.82 3.14 -22.31
WADING RIVER_IC_3 23601	64.65 3.19 -26.76	53.72 3.04 -18.72	49.63 2.81 -16.57	49.61 2.64 -18.28	53.70 2.79 -20.91	60.30 2.93 -24.89	63.81 4.10 -16.57	63.85 4.23 -15.61	67.21 3.90 -23.92	63.92 4.32 -18.02	63.35 4.15 -19.68	60.34 3.78 -19.55	59.12 3.68 -18.24	59.11 3.74 -19.09	49.31 3.67 -12.27	49.31 3.80 -11.62	60.29 4.17 -20.11	63.22 4.45 -20.75	69.83 4.44 -24.31	88.91 4.92 -35.79	108.94 5.03 -51.98	88.97 4.54 -40.82	65.05 3.56 -26.19	58.82 3.14 -22.31
WALDENNY_12_KV_BK2 80841	32.83 -1.87 0.00	29.41 -2.56 0.00	27.74 -2.51 0.00	26.37 -2.32 0.00	27.45 -2.55 0.00	29.80 -2.70 0.00	40.68 -2.46 0.00	40.98 -3.04 0.00	36.53 -2.84 0.03	32.29 -3.03 6.25	34.47 -3.20 1.85	33.83 -3.15 0.03	34.19 -3.01 0.00	33.39 -2.90 0.00	30.17 -3.20 0.00	30.57 -3.32 0.00	32.59 -3.42 0.00	34.44 -3.57 0.01	37.52 -3.53 0.03	43.93 -4.24 0.03	48.08 -3.84 0.00	40.60 -3.01 0.00	32.51 -2.79 0.00	30.37 -3.00 0.00
WALDEN___HYDRO 24148	36.37 1.67 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.50 1.50 0.00	33.99 1.49 0.00	45.21 2.07 0.00	46.13 2.11 0.00	41.48 2.09 0.00	43.90 2.33 0.00	41.94 2.41 0.00	39.15 2.15 0.00	39.28 2.08 0.00	38.43 2.14 0.00	37.36 2.14 -1.85	38.42 2.20 -2.33	38.35 2.34 0.00	40.69 2.66 0.00	43.79 2.71 0.00	51.33 3.13 0.00	55.04 3.12 0.00	46.22 2.62 0.00	37.24 1.94 0.00	35.08 1.70 0.00
WARRENSBURG____ 23737	36.40 1.70 0.00	33.66 1.69 0.00	31.82 1.57 0.00	30.19 1.49 0.00	31.56 1.56 0.00	34.21 1.72 0.00	45.38 2.24 0.00	46.26 2.24 0.00	41.45 2.05 0.00	43.74 2.16 0.16	41.42 1.90 0.00	38.75 1.74 0.00	38.69 1.49 0.00	37.56 1.27 0.00	34.60 1.23 0.00	35.25 1.36 0.00	37.34 1.33 0.00	39.62 1.60 0.00	43.05 1.97 0.00	50.85 2.65 0.00	54.67 2.75 0.00	45.88 2.27 0.00	37.02 1.73 0.00	35.04 1.67 0.00

WATERSIDE___6 8 9 23538	36.65 1.94 0.00	33.95 1.98 -0.01	32.16 1.91 -0.01	30.51 1.81 -0.01	31.90 1.89 -0.01	34.15 1.66 0.00	45.43 2.29 0.00	46.48 2.46 0.00	41.88 2.48 0.00	44.44 2.87 0.00	42.45 2.92 0.00	39.67 2.66 0.00	39.77 2.57 0.00	39.01 2.72 0.00	37.26 2.67 -1.22	38.17 2.75 -1.53	38.92 2.92 0.00	41.29 3.27 0.00	44.32 3.25 0.00	51.81 3.61 0.00	55.45 3.53 0.00	46.53 2.92 0.00	37.52 2.22 0.00	35.28 1.90 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.81 1.11 0.00	33.02 1.05 0.00	31.24 1.00 0.00	29.67 0.98 0.00	31.17 1.17 0.00	33.86 1.36 0.00	44.91 1.77 0.00	45.82 1.80 0.00	40.93 1.54 0.00	43.19 1.62 0.00	41.07 1.54 0.00	38.41 1.41 0.00	38.69 1.49 0.00	37.67 1.38 0.00	34.60 1.23 0.00	35.11 1.22 0.00	37.30 1.30 0.00	39.36 1.33 0.00	42.56 1.48 0.00	50.03 1.83 0.00	53.79 1.87 0.00	45.22 1.61 0.00	36.85 1.55 0.00	34.88 1.50 0.00
WDELAWARE___HYD 323627	36.79 2.08 0.00	33.95 1.98 0.00	32.12 1.88 0.00	30.39 1.69 0.00	31.80 1.80 0.00	34.38 1.88 0.00	45.77 2.63 0.00	46.70 2.69 0.00	41.92 2.52 0.00	44.36 2.79 0.00	42.29 2.77 0.00	39.49 2.48 0.00	39.47 2.27 0.00	38.54 2.25 0.00	35.95 2.20 -0.38	36.70 2.34 -0.47	38.71 2.70 0.00	41.07 3.04 0.00	44.16 3.08 0.00	51.82 3.62 0.00	55.66 3.74 0.00	46.70 3.10 0.00	37.59 2.29 0.00	35.31 1.94 0.00
WEST BABYLON___IC 23714	40.82 2.95 -3.17	36.99 2.81 -2.21	34.80 2.60 -1.96	33.29 2.44 -2.16	35.08 2.61 -2.47	38.13 2.70 -2.94	48.94 3.84 -1.96	49.74 3.87 -1.85	53.77 3.62 -10.75	52.55 3.99 -6.98	52.52 3.87 -9.12	51.81 3.55 -11.25	51.57 3.46 -10.92	51.68 3.52 -11.87	50.11 3.47 -13.27	48.28 3.56 -10.83	51.63 3.78 -11.84	52.49 4.14 -10.32	54.10 4.23 -8.79	57.16 4.72 -4.23	62.84 4.78 -6.14	56.14 4.19 -8.34	41.77 3.32 -3.16	38.95 2.94 -2.64
WEST CANADA___HYD 24049	34.81 0.10 0.00	32.06 0.10 0.00	30.34 0.09 0.00	28.78 0.09 0.00	30.09 0.09 0.00	32.59 0.10 0.00	43.23 0.09 0.00	44.10 0.09 0.00	39.52 0.12 0.00	41.70 0.13 0.00	39.64 0.12 0.00	37.12 0.11 0.00	37.31 0.11 0.00	36.40 0.11 0.00	33.47 0.10 0.00	33.99 0.10 0.00	36.15 0.14 0.00	38.18 0.15 0.00	41.24 0.16 0.00	48.39 0.19 0.00	52.08 0.16 0.00	43.74 0.13 0.00	35.40 0.11 0.00	33.48 0.10 0.00
WESTERN_NY_WIND 24143	33.32 -1.39 0.00	29.89 -2.08 0.00	28.22 -2.03 0.00	26.86 -1.84 0.00	28.02 -1.98 0.00	30.41 -2.08 0.00	41.41 -1.73 0.00	41.99 -2.02 0.00	37.05 -2.32 0.02	35.32 -2.74 3.51	35.28 -3.00 1.24	34.07 -2.92 0.02	34.74 -2.46 0.00	33.93 -2.36 0.00	30.63 -2.74 0.00	31.05 -2.85 0.00	33.13 -2.88 0.00	35.01 -3.00 0.01	38.27 -2.79 0.02	44.81 -3.37 0.02	49.12 -2.80 0.00	41.52 -2.09 0.00	33.18 -2.12 0.00	30.94 -2.44 0.00
WESTOVER___LESR 323668	34.81 0.10 0.00	31.87 -0.10 0.00	30.10 -0.15 0.00	28.58 -0.11 0.00	29.85 -0.15 0.00	32.36 -0.13 0.00	43.36 0.22 0.00	44.10 0.09 0.00	39.48 0.08 0.00	41.70 0.12 0.00	39.60 0.08 0.00	36.97 -0.04 0.00	37.09 -0.11 0.00	36.18 -0.11 0.00	33.17 -0.20 0.00	33.69 -0.20 0.00	35.83 -0.18 0.00	37.87 -0.15 0.00	41.08 0.00 0.00	48.30 0.10 0.00	52.13 0.21 0.00	43.78 0.17 0.00	35.26 -0.04 0.00	33.28 -0.10 0.00
WETHRSFD_WT_PWR 323626	33.28 -1.42 0.00	29.57 -2.40 0.00	27.92 -2.33 0.00	26.54 -2.15 0.00	27.78 -2.22 0.00	30.28 -2.21 0.00	41.29 -1.85 0.00	41.42 -2.60 0.00	36.75 -2.56 0.09	21.26 -2.75 17.57	30.87 -2.81 5.85	34.18 -2.74 0.09	34.48 -2.71 0.00	33.71 -2.58 0.00	30.87 -2.50 0.00	31.59 -2.31 0.00	33.20 -2.81 0.00	35.06 -2.93 0.03	38.12 -2.88 0.09	44.93 -3.18 0.09	49.06 -2.86 0.00	41.34 -2.27 0.00	33.11 -2.19 0.00	30.97 -2.40 0.00
WHAVSTOR_138KV_BK127 55557	36.33 1.63 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.50 1.50 0.00	33.95 1.46 0.00	45.21 2.07 0.00	46.17 2.16 0.00	41.48 2.09 0.00	43.98 2.41 0.00	42.05 2.53 0.00	39.30 2.29 0.00	39.39 2.19 0.00	38.61 2.32 0.00	37.56 2.27 -1.92	38.64 2.34 -2.41	38.53 2.52 0.00	40.84 2.81 0.00	43.91 2.83 0.00	51.43 3.23 0.00	55.09 3.17 0.00	46.27 2.66 0.00	37.27 1.98 0.00	35.08 1.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.33 1.63 0.00	33.59 1.63 0.00	31.79 1.54 0.00	30.13 1.43 0.00	31.50 1.50 0.00	33.95 1.46 0.00	45.21 2.07 0.00	46.17 2.16 0.00	41.48 2.09 0.00	43.98 2.41 0.00	42.05 2.53 0.00	39.30 2.29 0.00	39.39 2.19 0.00	38.61 2.32 0.00	37.56 2.27 -1.92	38.64 2.34 -2.41	38.53 2.52 0.00	40.84 2.81 0.00	43.91 2.83 0.00	51.43 3.23 0.00	55.09 3.17 0.00	46.27 2.66 0.00	37.27 1.98 0.00	35.08 1.70 0.00
WHITEHAL_115KV_TB1 80871	36.92 2.22 0.00	34.17 2.21 0.00	32.27 2.03 0.00	30.62 1.92 0.00	32.01 2.01 0.00	34.77 2.27 0.00	46.20 3.06 0.00	47.01 2.99 0.00	42.00 2.60 0.00	44.23 2.66 0.00	41.78 2.25 0.00	39.08 2.07 0.00	38.95 1.75 0.00	37.78 1.49 0.00	34.84 1.47 0.00	35.52 1.63 0.00	37.66 1.66 0.00	40.04 2.02 0.00	43.71 2.63 0.00	51.77 3.57 0.00	55.71 3.79 0.00	46.70 3.10 0.00	37.66 2.36 0.00	35.58 2.20 0.00
WHITEPLN_13_KV_LOAD 356215	36.72 2.01 0.00	33.95 1.98 0.00	32.12 1.88 0.00	30.42 1.72 0.00	31.80 1.80 0.00	34.28 1.79 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.04 2.64 0.00	44.57 2.99 0.00	42.57 3.04 0.00	39.78 2.78 0.00	39.88 2.68 0.00	39.08 2.79 0.00	37.37 2.74 -1.27	38.30 2.81 -1.59	38.99 2.99 0.00	41.37 3.35 0.00	44.45 3.37 0.00	52.06 3.86 0.00	55.76 3.84 0.00	46.79 3.18 0.00	37.66 2.36 0.00	35.38 2.00 0.00
WM_FLOYD_69_KV_BK2 356380	65.24 3.23 -27.31	54.10 3.04 -19.10	49.97 2.81 -16.91	50.02 2.67 -18.65	54.16 2.82 -21.34	60.85 2.96 -25.40	64.19 4.14 -16.91	64.13 4.18 -15.93	67.51 3.86 -24.25	64.11 4.24 -18.30	63.59 4.11 -19.95	60.56 3.77 -19.78	59.29 3.65 -18.44	59.28 3.70 -19.29	49.30 3.64 -12.29	49.29 3.73 -11.67	60.27 3.92 -20.34	63.34 4.30 -21.02	70.13 4.35 -24.70	89.59 4.87 -36.53	109.90 4.93 -53.05	89.61 4.40 -41.59	65.56 3.53 -26.73	59.28 3.14 -22.77
WOODARD__115KV_TB2 355635	34.32 -0.38 0.00	31.52 -0.45 0.00	29.79 -0.45 0.00	28.27 -0.43 0.00	29.55 -0.45 0.00	32.04 -0.45 0.00	42.75 -0.39 0.00	43.62 -0.40 0.00	39.00 -0.39 0.00	41.12 -0.46 0.00	39.05 -0.47 0.00	36.53 -0.48 0.00	36.79 -0.41 0.00	35.86 -0.44 0.00	32.87 -0.50 0.00	33.42 -0.47 0.00	35.47 -0.54 0.00	37.42 -0.61 0.00	40.46 -0.62 0.00	47.48 -0.72 0.00	51.25 -0.67 0.00	43.04 -0.57 0.00	34.84 -0.46 0.00	32.94 -0.43 0.00
YORK___WARBASSE 23770	36.90 2.19 -0.01	34.18 2.21 -0.01	32.34 2.09 -0.01	30.69 1.98 -0.01	32.05 2.04 -0.01	34.31 1.82 0.00	45.68 2.55 0.00	46.75 2.73 0.00	42.08 2.68 0.00	44.65 3.08 0.00	42.65 3.12 0.00	39.82 2.81 0.00	39.95 2.75 0.00	39.19 2.90 0.00	37.42 2.84 -1.22	38.34 2.91 -1.53	39.14 3.13 0.00	41.53 3.50 -0.01	44.58 3.49 -0.01	52.16 3.95 -0.01	55.82 3.89 -0.01	46.84 3.23 -0.01	37.77 2.47 -0.01	35.48 2.10 0.00