

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/12/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	27.96	27.35	33.33	32.25	31.95	32.62	36.74	39.63	31.87	30.05	35.65	36.53	38.69	39.52	43.23	44.43	44.81	57.62	57.23	44.04	41.77	41.62	41.89	33.45
24138	2.18	1.86	2.15	2.13	2.04	2.23	2.64	3.09	2.54	2.44	3.14	3.22	3.04	2.98	3.29	3.27	3.48	4.25	3.89	2.72	2.65	2.90	2.85	2.44
	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
74TH STREET_GT_1	28.03	27.43	33.42	32.34	32.03	32.71	36.81	39.65	31.87	30.05	35.65	36.51	38.67	39.54	43.25	44.47	44.85	57.69	57.30	44.13	41.91	41.74	42.00	33.55
24260	2.25	1.93	2.25	2.22	2.13	2.31	2.70	3.11	2.54	2.44	3.15	3.20	3.02	3.00	3.31	3.31	3.52	4.32	3.96	2.81	2.79	3.02	2.97	2.54
	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
74TH STREET_GT_2	28.03	27.43	33.42	32.34	32.03	32.71	36.81	39.65	31.87	30.05	35.65	36.51	38.67	39.54	43.25	44.47	44.85	57.69	57.30	44.13	41.91	41.74	42.00	33.55
24261	2.25	1.93	2.25	2.22	2.13	2.31	2.70	3.11	2.54	2.44	3.15	3.20	3.02	3.00	3.31	3.31	3.52	4.32	3.96	2.81	2.79	3.02	2.97	2.54
	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 HUDSON___FALLS	27.14	26.86	33.03	31.93	31.68	32.20	36.20	38.86	31.11	29.17	34.04	34.97	37.33	38.54	42.13	43.57	43.89	56.83	57.37	44.54	42.28	41.50	41.79	33.01
24011	1.35	1.37	1.85	1.80	1.78	1.81	2.09	2.32	1.77	1.57	1.54	1.67	1.68	2.00	2.18	2.41	2.55	3.46	4.03	3.22	3.16	2.78	2.76	2.00
	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	0.00
ADK RESOURCE___RCVRY	27.20	26.98	33.26	32.15	31.90	32.45	36.47	39.16	31.28	29.32	34.16	35.11	37.49	38.77	42.44	43.90	44.23	57.35	57.90	44.96	42.69	41.81	42.14	33.24
23798	1.42	1.48	2.09	2.02	2.00	2.06	2.37	2.62	1.95	1.72	1.66	1.80	1.84	2.23	2.49	2.74	2.90	3.99	4.56	3.65	3.57	3.08	3.10	2.23
	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	27.14	26.86	33.03	31.93	31.68	32.20	36.20	38.86	31.11	29.17</														

ALBANY___2 23572	26.22 0.43 0.00	25.92 0.42 0.00	31.75 0.57 0.00	30.71 0.58 0.00	30.44 0.53 0.00	30.95 0.56 0.00	34.70 0.60 0.00	37.25 0.72 0.00	29.91 0.58 0.00	28.12 0.51 0.00	32.97 0.46 0.00	33.75 0.44 0.00	36.04 0.40 0.00	37.04 0.50 0.00	40.50 0.56 0.00	41.64 0.49 0.00	41.89 0.56 0.00	54.12 0.76 0.00	54.13 0.79 0.00	41.95 0.63 0.00	39.75 0.63 0.00	39.31 0.58 0.00	39.45 0.42 0.00	31.39 0.38 0.00
ALBANY___3 23573	26.22 0.43 0.00	25.92 0.42 0.00	31.75 0.57 0.00	30.71 0.58 0.00	30.44 0.53 0.00	30.95 0.56 0.00	34.70 0.60 0.00	37.25 0.72 0.00	29.91 0.58 0.00	28.12 0.51 0.00	32.97 0.46 0.00	33.75 0.44 0.00	36.04 0.40 0.00	37.04 0.50 0.00	40.50 0.56 0.00	41.64 0.49 0.00	41.89 0.56 0.00	54.12 0.76 0.00	54.13 0.79 0.00	41.95 0.63 0.00	39.75 0.63 0.00	39.31 0.58 0.00	39.45 0.42 0.00	31.39 0.38 0.00
ALBANY___4 23574	26.22 0.43 0.00	25.92 0.42 0.00	31.75 0.57 0.00	30.71 0.58 0.00	30.44 0.53 0.00	30.95 0.56 0.00	34.70 0.60 0.00	37.25 0.72 0.00	29.91 0.58 0.00	28.12 0.51 0.00	32.97 0.46 0.00	33.75 0.44 0.00	36.04 0.40 0.00	37.04 0.50 0.00	40.50 0.56 0.00	41.64 0.49 0.00	41.89 0.56 0.00	54.12 0.76 0.00	54.13 0.79 0.00	41.95 0.63 0.00	39.75 0.63 0.00	39.31 0.58 0.00	39.45 0.42 0.00	31.39 0.38 0.00
ALBANY___LFGE 323615	26.57 0.78 0.00	26.25 0.75 0.00	32.14 0.96 0.00	31.09 0.96 0.00	30.81 0.90 0.00	31.34 0.94 0.00	35.13 1.03 0.00	37.72 1.19 0.00	30.29 0.95 0.00	28.49 0.89 0.00	33.41 0.91 0.00	34.22 0.91 0.00	36.58 0.93 0.00	37.61 1.07 0.00	41.13 1.19 0.00	42.31 1.15 0.00	42.57 1.24 0.00	54.98 1.61 0.00	54.98 1.64 0.00	42.61 1.29 0.00	40.36 1.24 0.00	39.90 1.17 0.00	40.02 0.98 0.00	31.82 0.81 0.00
ALCOA_PA_115KV_PL-6C 55860	39.43 -0.56 -14.21	69.00 -0.47 -43.98	51.42 -0.57 -20.80	29.79 -0.52 -0.18	29.74 -0.17 0.00	30.30 -0.62 -0.52	33.81 -0.64 -0.34	35.83 -0.71 0.00	28.70 -0.63 0.00	26.93 -0.68 0.00	31.61 -0.90 0.00	39.63 -0.96 -7.28	34.78 -0.87 0.00	42.44 -1.04 -6.94	38.66 -1.29 0.00	40.15 -1.35 -0.35	39.76 -1.57 0.00	51.39 -1.98 0.00	51.48 -1.86 0.00	39.95 -1.36 0.00	37.84 -1.28 0.00	37.55 -1.18 0.00	37.94 -1.09 0.00	30.15 -0.86 0.00
ALCOA_RYNLDS___DRP 24188	39.43 -0.56 -14.21	69.00 -0.47 -43.98	51.42 -0.57 -20.80	29.79 -0.52 -0.18	29.74 -0.17 0.00	30.30 -0.62 -0.52	33.81 -0.64 -0.34	35.83 -0.71 0.00	28.70 -0.63 0.00	26.93 -0.68 0.00	31.61 -0.90 0.00	39.63 -0.96 -7.28	34.78 -0.87 0.00	42.44 -1.04 -6.94	38.66 -1.29 0.00	40.15 -1.35 -0.35	39.76 -1.57 0.00	51.39 -1.98 0.00	51.48 -1.86 0.00	39.95 -1.36 0.00	37.84 -1.28 0.00	37.55 -1.18 0.00	37.94 -1.09 0.00	30.15 -0.86 0.00
ALCOA___DSASP 323711	39.43 -0.56 -14.21	69.00 -0.47 -43.98	51.42 -0.57 -20.80	29.79 -0.52 -0.18	29.74 -0.17 0.00	30.30 -0.62 -0.52	33.81 -0.64 -0.34	35.83 -0.71 0.00	28.70 -0.63 0.00	26.92 -0.68 0.00	31.61 -0.90 0.00	39.63 -0.96 -7.28	34.78 -0.87 0.00	42.44 -1.03 -6.94	38.66 -1.29 0.00	40.15 -1.35 -0.35	39.76 -1.57 0.00	51.39 -1.98 0.00	51.48 -1.86 0.00	39.95 -1.36 0.00	37.84 -1.28 0.00	37.55 -1.18 0.00	37.94 -1.09 0.00	30.15 -0.86 0.00
ALLEGHENY___COGEN 23514	26.67 0.89 0.00	26.37 0.87 0.00	32.04 0.87 0.00	30.86 0.73 0.00	30.45 0.55 0.00	31.23 0.84 0.00	35.13 1.03 0.00	37.25 0.71 0.00	29.68 0.35 0.00	27.82 0.22 0.00	32.51 0.00 0.00	33.46 0.15 0.00	36.12 0.47 0.00	37.11 0.57 0.00	41.01 1.07 0.00	42.44 1.28 0.00	42.55 1.21 0.00	55.12 1.75 0.00	54.58 1.24 0.00	43.39 2.08 0.00	41.27 2.15 0.00	40.76 2.04 0.00	42.02 2.99 0.00	33.09 2.07 0.00
ALTAMONT_115KV_TB 2 55880	26.53 0.74 0.00	26.21 0.71 0.00	32.10 0.92 0.00	31.04 0.91 0.00	30.77 0.86 0.00	31.31 0.91 0.00	35.08 0.97 0.00	37.63 1.10 0.00	30.19 0.86 0.00	28.39 0.79 0.00	33.35 0.85 0.00	34.13 0.82 0.00	36.47 0.82 0.00	37.45 0.91 0.00	40.95 1.00 0.00	42.15 1.00 0.00	42.41 1.08 0.00	54.77 1.41 0.00	54.78 1.44 0.00	42.44 1.13 0.00	40.22 1.10 0.00	39.80 1.07 0.00	39.99 0.96 0.00	31.80 0.79 0.00
ALTONA_WT_PWR 323606	22.22 0.66 4.22	13.10 0.68 13.07	25.86 0.87 6.18	30.98 0.91 0.06	30.89 0.99 0.00	31.11 0.87 0.16	35.19 1.19 0.10	37.58 1.04 0.00	29.98 0.65 0.00	28.05 0.45 0.00	32.70 0.19 0.00	31.17 0.02 2.17	35.91 0.26 0.00	34.72 0.24 2.06	40.27 0.33 0.00	41.23 0.18 0.10	40.89 -0.44 0.00	52.91 -0.45 0.00	53.04 -0.30 0.00	41.50 0.18 0.00	39.30 0.18 0.00	38.77 0.05 0.00	39.42 0.38 0.00	30.96 -0.05 0.00
AMERICAN_REF_FUEL 24010	24.77 -1.01 0.00	24.49 -1.00 0.00	29.74 -1.44 0.00	28.61 -1.52 0.00	28.12 -1.78 0.00	28.91 -1.49 0.00	32.32 -1.79 0.00	34.15 -2.39 0.00	27.80 -1.54 0.00	26.39 -1.22 0.00	31.39 -1.11 0.00	32.59 -0.72 0.00	35.35 -0.30 0.00	36.52 -0.02 0.00	40.37 0.43 0.00	41.78 0.62 0.00	41.62 0.28 0.00	53.60 0.23 0.00	52.98 -0.36 0.00	41.09 -0.22 0.00	38.58 -0.54 0.00	38.18 -0.54 0.00	38.80 -0.24 0.00	30.75 -0.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.05 0.27 0.00	25.63 0.14 0.00	31.14 -0.04 0.00	29.96 -0.16 0.00	29.51 -0.40 0.00	30.27 -0.13 0.00	34.00 -0.10 0.00	36.05 -0.49 0.00	29.34 0.01 0.00	27.90 0.30 0.00	33.38 0.87 0.00	34.63 1.32 0.00	37.43 1.78 0.00	38.63 2.09 0.00	42.73 2.79 0.00	44.30 3.14 0.00	44.33 2.99 0.00	57.13 3.76 0.00	56.47 3.13 0.00	43.81 2.49 0.00	41.20 2.08 0.00	40.57 1.85 0.00	41.15 2.12 0.00	32.30 1.29 0.00
ARTHUR KILL_GT_1 23520	27.80 2.02 0.00	27.21 1.72 0.00	33.15 1.97 0.00	32.07 1.94 0.00	31.79 1.88 0.00	32.44 2.05 0.00	36.52 2.42 0.00	39.37 2.83 0.00	31.63 2.30 0.00	29.77 2.17 0.00	35.30 2.80 0.00	36.13 2.82 0.00	38.29 2.65 0.00	39.22 2.68 -0.01	41.23 2.82 1.53	43.91 2.78 0.02	44.40 3.07 0.00	57.09 3.72 0.00	56.55 3.21 0.00	43.68 2.36 0.00	41.55 2.42 0.00	41.40 2.67 0.00	41.58 2.55 0.00	33.32 2.30 0.00
ARTHUR_KILL_2 23512	27.69 1.91 0.00	27.11 1.61 0.00	33.03 1.86 0.00	31.96 1.84 0.00	31.67 1.76 0.00	32.33 1.93 0.00	36.39 2.29 0.00	39.23 2.69 0.00	31.51 2.18 0.00	29.67 2.07 0.00	35.18 2.67 0.00	35.99 2.68 0.00	38.15 2.50 0.00	39.06 2.52 -0.01	41.05 2.64 1.53	43.73 2.59 0.02	44.20 2.87 0.00	56.84 3.47 0.00	56.29 2.95 0.00	43.47 2.15 0.00	41.35 2.23 0.00	41.22 2.49 0.00	41.40 2.37 0.00	33.19 2.18 0.00
ARTHUR_KILL_3 23513	27.71 1.92 0.00	27.10 1.61 0.00	32.98 1.81 0.00	31.94 1.81 0.00	31.64 1.73 0.00	32.29 1.89 0.00	36.29 2.19 0.00	39.08 2.54 0.00	31.42 2.09 0.00	29.61 2.01 0.00	35.10 2.60 0.00	35.96 2.65 0.00	38.09 2.44 0.00	38.95 2.41 0.00	41.55 2.60 1.00	43.76 2.60 0.00	44.12 2.79 0.00	56.69 3.33 0.01	55.27 3.00 1.08	43.09 2.10 0.32	41.31 2.19 0.00	41.12 2.40 0.00	41.35 2.31 0.00	33.10 2.09 0.00

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ASTORIA_GT4_4 24105	27.84 2.05 0.00	27.20 1.71 0.00	33.13 1.95 0.00	32.05 1.92 0.00	31.77 1.86 0.00	32.41 2.01 0.00	36.46 2.35 0.00	39.29 2.76 0.00	31.55 2.21 0.00	29.72 2.12 0.00	35.20 2.70 0.00	35.92 2.61 0.00	38.10 2.46 0.00	38.92 2.38 0.00	42.64 2.69 0.00	43.84 2.68 0.00	44.24 2.91 0.00	56.90 3.53 0.00	56.49 3.15 0.00	43.57 2.25 0.00	41.39 2.27 0.00	41.34 2.62 0.00	41.51 2.48 0.00	33.24 2.23 0.00
ASTORIA_GT_1 23523	27.91 2.13 0.00	27.26 1.77 0.00	33.19 2.02 0.00	32.10 1.98 0.00	31.83 1.92 0.00	32.47 2.07 0.00	36.55 2.45 0.00	39.39 2.86 0.00	31.62 2.29 0.00	29.80 2.20 0.00	35.29 2.79 0.00	36.01 2.70 0.01	38.20 2.56 0.00	39.04 2.50 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.37 3.04 0.00	57.08 3.71 0.00	56.65 3.31 0.00	43.69 2.37 0.00	41.49 2.36 0.00	41.46 2.73 0.00	41.61 2.58 0.00	33.33 2.32 0.00
ASTORIA_GT_10 24110	27.80 2.02 0.00	27.21 1.72 0.00	33.15 1.98 0.00	32.07 1.94 0.00	31.78 1.88 0.00	32.43 2.04 0.00	36.51 2.40 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.09 2.78 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.66 2.72 0.00	43.85 2.69 0.00	44.24 2.91 0.00	56.89 3.52 0.00	56.49 3.15 0.00	43.55 2.23 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.28 2.26 0.00
ASTORIA_GT_11 24225	27.80 2.02 0.00	27.21 1.72 0.00	33.15 1.98 0.00	32.07 1.94 0.00	31.78 1.88 0.00	32.43 2.04 0.00	36.51 2.40 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.09 2.78 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.66 2.72 0.00	43.85 2.69 0.00	44.24 2.91 0.00	56.89 3.52 0.00	56.49 3.15 0.00	43.55 2.23 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.28 2.26 0.00
ASTORIA_GT_12 24226	27.80 2.02 0.00	27.21 1.72 0.00	33.15 1.98 0.00	32.07 1.94 0.00	31.78 1.88 0.00	32.43 2.04 0.00	36.51 2.40 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.09 2.78 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.66 2.72 0.00	43.85 2.69 0.00	44.24 2.91 0.00	56.89 3.52 0.00	56.49 3.15 0.00	43.55 2.23 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.28 2.26 0.00
ASTORIA_GT_13 24227	27.80 2.02 0.00	27.21 1.72 0.00	33.15 1.98 0.00	32.07 1.94 0.00	31.78 1.88 0.00	32.43 2.04 0.00	36.51 2.40 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.09 2.78 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.66 2.72 0.00	43.85 2.69 0.00	44.24 2.91 0.00	56.89 3.52 0.00	56.49 3.15 0.00	43.55 2.23 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.28 2.26 0.00
ASTORIA_GT_5 24106	27.91 2.13 0.00	27.26 1.76 0.00	33.19 2.02 0.00	32.11 1.99 0.00	31.83 1.92 0.00	32.47 2.08 0.00	36.54 2.44 0.00	39.39 2.85 0.00	31.62 2.29 0.00	29.80 2.20 0.00	35.30 2.79 0.00	36.02 2.71 0.00	38.21 2.56 0.00	39.03 2.49 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.37 3.04 0.00	57.08 3.71 0.00	56.65 3.31 0.00	43.70 2.38 0.00	41.50 2.38 0.00	41.46 2.74 0.00	41.62 2.59 0.00	33.33 2.32 0.00
ASTORIA_GT_7 24107	27.91 2.13 0.00	27.26 1.76 0.00	33.19 2.02 0.00	32.11 1.99 0.00	31.83 1.92 0.00	32.47 2.08 0.00	36.54 2.44 0.00	39.39 2.85 0.00	31.62 2.29 0.00	29.80 2.20 0.00	35.30 2.79 0.00	36.02 2.71 0.00	38.21 2.56 0.00	39.03 2.49 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.37 3.04 0.00	57.08 3.71 0.00	56.65 3.31 0.00	43.70 2.38 0.00	41.50 2.38 0.00	41.46 2.74 0.00	41.62 2.59 0.00	33.33 2.32 0.00
ASTORIA_GT_8 24108	27.91 2.13 0.00	27.26 1.76 0.00	33.19 2.02 0.00	32.11 1.99 0.00	31.83 1.92 0.00	32.47 2.08 0.00	36.54 2.44 0.00	39.39 2.85 0.00	31.62 2.29 0.00	29.80 2.20 0.00	35.30 2.79 0.00	36.02 2.71 0.00	38.21 2.56 0.00	39.03 2.49 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.37 3.04 0.00	57.08 3.71 0.00	56.65 3.31 0.00	43.70 2.38 0.00	41.50 2.38 0.00	41.46 2.74 0.00	41.62 2.59 0.00	33.33 2.32 0.00
ASTORIA___2 24149	27.84 2.05 0.00	27.21 1.71 0.00	33.13 1.95 0.00	32.04 1.91 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.47 2.36 0.00	39.30 2.76 0.00	31.54 2.21 0.00	29.72 2.12 0.00	35.20 2.70 0.00	35.90 2.60 0.01	38.10 2.45 0.00	38.93 2.39 0.00	42.64 2.69 0.00	43.84 2.68 0.00	44.24 2.91 0.00	56.89 3.53 0.00	56.48 3.14 0.00	43.57 2.25 0.00	41.38 2.25 0.00	41.34 2.62 0.00	41.51 2.48 0.00	33.24 2.23 0.00
ASTORIA___3 23516	27.80 2.02 0.00	27.21 1.72 0.00	33.16 1.98 0.00	32.06 1.94 0.00	31.78 1.88 0.00	32.43 2.03 0.00	36.51 2.41 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.08 2.77 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.67 2.73 0.00	43.86 2.70 0.00	44.24 2.91 0.00	56.88 3.52 0.00	56.49 3.15 0.00	43.54 2.22 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.27 2.26 0.00
ASTORIA___4 23517	27.80 2.02 0.00	27.21 1.72 0.00	33.15 1.98 0.00	32.07 1.94 0.00	31.78 1.88 0.00	32.43 2.04 0.00	36.51 2.40 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.09 2.78 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.66 2.72 0.00	43.85 2.69 0.00	44.24 2.91 0.00	56.89 3.52 0.00	56.49 3.15 0.00	43.54 2.22 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.28 2.26 0.00
ASTORIA___5 23518	27.80 2.02 0.00	27.21 1.72 0.00	33.16 1.98 0.00	32.06 1.94 0.00	31.78 1.88 0.00	32.43 2.03 0.00	36.51 2.41 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.08 2.77 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.67 2.73 0.00	43.86 2.70 0.00	44.24 2.91 0.00	56.89 3.52 0.00	56.49 3.15 0.00	43.54 2.22 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.27 2.26 0.00
AST_ENERGY_2_CC3 323677	27.74 1.96 0.00	27.16 1.66 0.00	33.08 1.90 0.00	32.02 1.89 0.00	31.72 1.82 0.00	32.37 1.98 0.00	36.41 2.31 0.00	39.21 2.68 0.00	31.51 2.18 0.00	29.71 2.11 0.00	35.22 2.72 0.00	36.07 2.77 0.00	38.21 2.56 0.00	39.07 2.53 0.00	42.72 2.77 0.00	43.92 2.76 0.00	44.30 2.97 0.00	56.98 3.61 0.00	56.63 3.29 0.00	43.59 2.27 0.00	41.40 2.28 0.00	41.24 2.52 0.00	41.47 2.44 0.00	33.17 2.16 0.00
AST_ENERGY_2_CC4 323678	27.74 1.96 0.00	27.16 1.66 0.00	33.08 1.90 0.00	32.02 1.89 0.00	31.72 1.82 0.00	32.37 1.98 0.00	36.41 2.31 0.00	39.21 2.68 0.00	31.51 2.18 0.00	29.71 2.11 0.00	35.22 2.72 0.00	36.07 2.77 0.00	38.21 2.56 0.00	39.07 2.53 0.00	42.72 2.77 0.00	43.92 2.76 0.00	44.30 2.97 0.00	56.98 3.61 0.00	56.63 3.29 0.00	43.59 2.27 0.00	41.40 2.28 0.00	41.24 2.52 0.00	41.47 2.44 0.00	33.17 2.16 0.00

ATHENS_STG_1 23668	26.69 0.91 0.00	26.31 0.82 0.00	32.23 1.05 0.00	31.17 1.05 0.00	30.88 0.98 0.00	31.45 1.05 0.00	35.23 1.13 0.00	37.82 1.28 0.00	30.34 1.01 0.00	28.56 0.96 0.00	33.65 1.15 0.00	34.48 1.17 0.00	36.78 1.13 0.00	37.71 1.17 0.00	41.25 1.31 0.00	42.45 1.29 0.00	42.73 1.40 0.00	55.08 1.72 0.00	54.99 1.65 0.00	42.53 1.21 0.00	40.33 1.21 0.00	39.97 1.24 0.00	40.15 1.12 0.00	31.95 0.94 0.00
ATHENS_STG_2 23670	26.69 0.91 0.00	26.31 0.82 0.00	32.23 1.05 0.00	31.17 1.05 0.00	30.88 0.98 0.00	31.45 1.05 0.00	35.23 1.13 0.00	37.82 1.28 0.00	30.34 1.01 0.00	28.56 0.96 0.00	33.65 1.15 0.00	34.48 1.17 0.00	36.78 1.13 0.00	37.71 1.17 0.00	41.25 1.31 0.00	42.45 1.29 0.00	42.73 1.40 0.00	55.08 1.72 0.00	54.99 1.65 0.00	42.53 1.21 0.00	40.33 1.21 0.00	39.97 1.24 0.00	40.15 1.12 0.00	31.95 0.94 0.00
ATHENS_STG_3 23677	26.69 0.91 0.00	26.31 0.82 0.00	32.23 1.05 0.00	31.17 1.05 0.00	30.88 0.98 0.00	31.45 1.05 0.00	35.23 1.13 0.00	37.82 1.28 0.00	30.34 1.01 0.00	28.56 0.96 0.00	33.65 1.15 0.00	34.48 1.17 0.00	36.78 1.13 0.00	37.71 1.17 0.00	41.25 1.31 0.00	42.45 1.29 0.00	42.73 1.40 0.00	55.08 1.72 0.00	54.99 1.65 0.00	42.53 1.21 0.00	40.33 1.21 0.00	39.97 1.24 0.00	40.15 1.12 0.00	31.95 0.94 0.00
AUBURN___LFGE 323710	25.15 0.23 0.86	22.24 0.17 3.43	30.61 0.16 0.73	30.26 0.11 -0.02	30.20 0.06 -0.24	31.55 0.19 -0.96	35.84 0.22 -1.51	38.60 0.20 -1.86	30.37 0.23 -0.81	28.39 0.17 -0.62	34.18 0.30 -1.37	34.77 0.57 -0.89	38.21 0.70 -1.86	36.74 0.63 0.43	43.32 0.87 -2.51	44.83 1.00 -2.67	45.28 1.22 -2.73	59.51 1.62 -4.52	59.60 1.75 -4.51	45.35 1.31 -2.73	42.76 1.26 -2.39	42.13 1.11 -2.30	42.24 1.00 -2.21	32.74 0.58 -1.14
BABYLON_RES_REC 323704	27.63 1.84 0.00	27.30 1.68 -0.12	33.35 2.17 0.00	32.31 2.19 0.00	39.84 2.15 -7.79	32.66 2.27 0.00	36.67 2.56 0.00	40.74 3.02 -1.18	31.59 2.26 0.00	29.86 2.21 -0.05	44.15 2.92 -8.72	40.40 2.82 -4.28	38.11 2.47 0.00	38.80 2.26 0.00	42.29 2.35 0.00	43.37 2.21 0.00	43.85 2.56 0.04	57.20 3.19 -0.64	57.87 2.90 -1.63	43.21 1.89 0.00	40.94 1.82 0.00	40.71 1.99 0.00	41.26 2.22 0.00	33.28 2.26 0.00
BABYLON__69_KV_BK2 356345	28.14 2.35 0.00	27.85 2.23 -0.12	33.98 2.81 0.00	32.92 2.79 0.00	40.44 2.74 -7.79	33.28 2.88 0.00	37.36 3.26 0.00	41.48 3.77 -1.18	32.16 2.83 0.00	30.42 2.77 -0.05	53.05 3.69 -16.85	46.06 3.72 -9.02	39.07 3.42 0.00	39.73 3.19 0.00	43.30 3.35 0.00	44.41 3.25 0.00	44.88 3.59 0.04	60.04 4.58 -2.10	62.73 4.23 -5.16	44.23 2.91 0.00	41.88 2.76 0.00	41.62 2.90 0.00	42.08 3.05 0.00	33.69 2.68 0.00
BALL_HILL_WT_PWR 323825	25.61 -0.17 0.00	25.22 -0.27 0.00	30.65 -0.53 0.00	29.49 -0.63 0.00	29.04 -0.86 0.00	29.79 -0.61 0.00	33.41 -0.70 0.00	35.38 -1.16 0.00	28.78 -0.56 0.00	27.35 -0.25 0.00	32.66 0.15 0.00	33.87 0.56 0.00	36.60 0.95 0.00	37.76 1.23 0.00	41.77 1.83 0.00	43.29 2.13 0.00	43.27 1.94 0.00	55.79 2.43 0.00	55.19 1.85 0.00	42.79 1.47 0.00	40.21 1.09 0.00	39.64 0.92 0.00	40.23 1.20 0.00	31.66 0.65 0.00
BARON_WINDS___WT_PWR 323822	25.92 0.05 -0.09	25.51 -0.07 -0.08	31.21 -0.22 -0.25	29.84 -0.29 -0.01	29.54 -0.43 -0.06	30.42 -0.22 -0.24	34.28 -0.19 -0.37	36.52 -0.47 -0.45	29.35 -0.17 -0.19	27.77 0.02 -0.15	33.15 0.31 -0.33	34.27 0.59 -0.37	36.87 0.78 -0.45	37.49 0.91 -0.04	41.99 1.44 -0.61	43.51 1.70 -0.65	43.65 1.66 -0.66	56.54 2.08 -1.10	56.08 1.63 -1.11	43.37 1.38 -0.67	40.84 1.14 -0.59	40.21 0.92 -0.57	40.70 1.12 -0.54	31.84 0.55 -0.28
BARRETT_IC_1 23704	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_10 23701	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_11 23702	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_12 23703	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_2 23705	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_3 23706	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_4 23707	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00

BARRETT_IC_5 23708	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_6 23709	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_7 23710	27.74 1.96 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.54 0.00	40.62 2.90 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.11 2.91 -1.89	38.27 2.62 0.00	38.94 2.40 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.17	56.18 2.84 0.00	43.22 1.90 0.00	40.98 1.86 0.00	40.83 2.11 0.00	41.16 2.13 0.00	33.10 2.09 0.00
BARRETT_IC_8 23711	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT_IC_9 23700	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT___1 23545	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BARRETT___2 23546	27.74 1.95 0.00	27.36 1.74 -0.12	33.33 2.16 0.00	32.27 2.15 0.00	39.79 2.09 -7.79	32.62 2.23 0.00	36.64 2.53 0.00	40.62 2.91 -1.18	31.49 2.16 0.00	29.78 2.13 -0.05	40.22 2.87 -4.85	38.09 2.89 -1.89	38.26 2.62 0.00	38.93 2.39 0.00	42.37 2.43 0.00	43.48 2.32 0.00	42.89 2.63 1.07	55.35 3.16 1.18	56.18 2.85 0.01	43.20 1.90 0.01	40.97 1.86 0.01	40.83 2.11 0.00	41.15 2.12 0.00	33.10 2.09 0.00
BATAVIA__115KV_TB1 55881	25.98 0.20 0.00	25.64 0.15 0.00	31.11 -0.07 0.00	29.92 -0.20 0.00	29.48 -0.43 0.00	30.26 -0.14 0.00	33.91 -0.19 0.00	35.98 -0.56 0.00	29.22 -0.11 0.00	27.66 0.06 0.00	32.91 0.41 0.00	34.10 0.79 0.00	37.10 1.46 0.00	38.30 1.76 0.00	42.33 2.39 0.00	43.84 2.68 0.00	43.83 2.50 0.00	56.64 3.28 0.00	56.11 2.77 0.00	43.60 2.28 0.00	41.03 1.90 0.00	40.51 1.79 0.00	40.94 1.91 0.00	32.26 1.25 0.00
BAYONEEC___CTG1 323682	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BAYONEEC___CTG10 323750	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BAYONEEC___CTG2 323683	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BAYONEEC___CTG3 323684	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BAYONEEC___CTG4 323685	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BAYONEEC___CTG5 323686	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BAYONEEC___CTG6 323687	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00

BAYONEEC___CTG7 323688	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BAYONEEC___CTG8 323689	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BAYONEEC___CTG9 323749	27.78 2.00 0.00	27.19 1.69 0.00	33.12 1.94 0.00	32.06 1.93 0.00	31.76 1.86 0.00	32.40 2.01 0.00	36.45 2.34 0.00	39.24 2.71 0.00	31.55 2.22 0.00	29.74 2.14 0.00	35.25 2.75 0.00	36.11 2.80 0.00	38.23 2.59 0.00	39.08 2.54 0.00	41.73 2.79 1.00	43.93 2.78 0.00	44.31 2.97 0.00	56.97 3.61 0.01	55.56 3.29 1.08	43.28 2.28 0.32	41.44 2.31 0.00	41.28 2.56 0.00	41.51 2.48 0.00	33.22 2.21 0.00
BEACON___LESR 323632	26.67 0.88 0.00	26.32 0.83 0.00	32.23 1.05 0.00	31.18 1.05 0.00	30.88 0.98 0.00	31.39 0.99 0.00	35.30 1.20 0.00	37.91 1.37 0.00	30.44 1.11 0.00	28.60 0.99 0.00	33.59 1.09 0.00	34.37 1.06 0.00	36.76 1.11 0.00	37.75 1.21 0.00	41.39 1.45 0.00	42.47 1.31 0.00	42.76 1.43 0.00	55.43 2.07 0.00	55.31 1.97 0.00	42.80 1.48 0.00	40.51 1.39 0.00	40.07 1.35 0.00	40.14 1.11 0.00	31.95 0.94 0.00
BEAVER RIVER___HYD 24048	2.09 -0.32 23.37	-47.65 -0.37 72.78	-3.17 -0.48 33.87	29.40 -0.46 0.28	29.74 -0.32 -0.15	29.73 -0.43 0.23	34.08 -0.43 -0.41	37.28 -0.43 -1.18	29.59 -0.26 -0.51	27.81 -0.19 -0.40	33.06 -0.30 -0.86	21.94 -0.24 11.13	36.69 -0.14 -1.18	24.79 -0.34 11.41	40.92 -0.61 -1.60	41.68 -0.63 -1.14	42.47 -0.60 -1.74	55.63 -0.60 -2.87	55.94 -0.26 -2.87	43.17 0.12 -1.73	40.96 0.33 -1.52	40.62 0.44 -1.46	40.68 0.24 -1.40	31.67 -0.07 -0.73
BEEBEE_GT_13 23619	25.68 -0.11 0.00	25.35 -0.15 0.00	30.83 -0.35 0.00	29.70 -0.43 0.00	29.31 -0.59 0.00	29.99 -0.41 0.00	33.61 -0.49 0.00	35.76 -0.78 0.00	28.96 -0.37 0.00	27.43 -0.18 0.00	32.59 0.08 0.00	33.75 0.44 0.00	36.49 0.84 0.00	37.58 1.04 0.00	41.42 1.47 0.00	42.81 1.65 0.00	42.85 1.52 0.00	55.37 2.01 0.00	55.13 1.80 0.00	42.71 1.40 0.00	40.13 1.01 0.00	39.62 0.90 0.00	40.02 0.98 0.00	31.57 0.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.15 2.36 0.00	27.54 2.04 0.00	33.52 2.35 0.00	32.40 2.28 0.00	32.11 2.21 0.00	32.78 2.38 0.00	36.89 2.79 0.00	39.77 3.23 0.00	31.96 2.63 0.00	30.12 2.52 0.00	35.72 3.22 0.00	36.58 3.27 0.00	38.73 3.08 0.00	39.63 3.09 -0.01	43.34 3.40 0.00	44.54 3.38 0.00	44.95 3.62 0.00	57.81 4.44 0.00	57.31 3.98 0.00	44.22 2.90 0.00	42.01 2.88 0.00	41.90 3.18 0.00	42.13 3.10 0.00	33.71 2.70 0.00
BETHLEHEM___GRP 23843	26.22 0.43 0.00	25.92 0.42 0.00	31.75 0.57 0.00	30.71 0.58 0.00	30.44 0.53 0.00	30.95 0.56 0.00	34.70 0.60 0.00	37.25 0.72 0.00	29.91 0.58 0.00	28.12 0.51 0.00	32.97 0.46 0.00	33.75 0.44 0.00	36.04 0.40 0.00	37.04 0.50 0.00	40.50 0.56 0.00	41.64 0.49 0.00	41.89 0.56 0.00	54.12 0.76 0.00	54.13 0.79 0.00	41.95 0.63 0.00	39.75 0.63 0.00	39.31 0.58 0.00	39.45 0.42 0.00	31.39 0.38 0.00
BETHLEHEM___GS1 323560	26.22 0.43 0.00	25.92 0.42 0.00	31.75 0.57 0.00	30.71 0.58 0.00	30.44 0.53 0.00	30.95 0.56 0.00	34.70 0.60 0.00	37.25 0.72 0.00	29.91 0.57 0.00	28.12 0.51 0.00	32.97 0.46 0.00	33.74 0.43 0.00	36.04 0.40 0.00	37.04 0.50 0.00	40.51 0.57 0.00	41.64 0.49 0.00	41.89 0.56 0.00	54.12 0.76 0.00	54.13 0.79 0.00	41.95 0.63 0.00	39.75 0.63 0.00	39.31 0.58 0.00	39.46 0.42 0.00	31.39 0.38 0.00
BETHLEHEM___GS2 323561	26.22 0.43 0.00	25.92 0.42 0.00	31.75 0.57 0.00	30.71 0.58 0.00	30.44 0.53 0.00	30.95 0.56 0.00	34.70 0.60 0.00	37.25 0.72 0.00	29.91 0.57 0.00	28.12 0.51 0.00	32.97 0.46 0.00	33.74 0.43 0.00	36.04 0.40 0.00	37.04 0.50 0.00	40.51 0.57 0.00	41.64 0.49 0.00	41.89 0.56 0.00	54.12 0.76 0.00	54.13 0.79 0.00	41.95 0.63 0.00	39.75 0.63 0.00	39.31 0.58 0.00	39.46 0.42 0.00	31.39 0.38 0.00
BETHLEHEM___GS3 323562	26.22 0.43 0.00	25.92 0.42 0.00	31.75 0.57 0.00	30.71 0.58 0.00	30.44 0.53 0.00	30.95 0.56 0.00	34.70 0.60 0.00	37.25 0.72 0.00	29.91 0.57 0.00	28.12 0.51 0.00	32.97 0.46 0.00	33.74 0.43 0.00	36.04 0.40 0.00	37.04 0.50 0.00	40.51 0.57 0.00	41.64 0.49 0.00	41.89 0.56 0.00	54.12 0.76 0.00	54.13 0.79 0.00	41.95 0.63 0.00	39.75 0.63 0.00	39.31 0.58 0.00	39.46 0.42 0.00	31.39 0.38 0.00
BETHLEHEM___STEEL 23779	25.48 -0.30 0.00	25.15 -0.34 0.00	30.54 -0.64 0.00	29.37 -0.75 0.00	28.91 -1.00 0.00	29.63 -0.76 0.00	33.18 -0.92 0.00	35.15 -1.39 0.00	28.60 -0.73 0.00	27.19 -0.42 0.00	32.42 -0.09 0.00	33.60 0.29 0.00	36.40 0.75 0.00	37.61 1.07 0.00	41.62 1.68 0.00	43.08 1.92 0.00	43.00 1.67 0.00	55.49 2.12 0.00	54.96 1.62 0.00	42.58 1.27 0.00	39.95 0.83 0.00	39.45 0.73 0.00	40.02 0.99 0.00	31.55 0.53 0.00
BETHLHEM_115KV_TB1 79974	26.29 0.50 0.00	25.98 0.49 0.00	31.82 0.65 0.00	30.79 0.66 0.00	30.50 0.60 0.00	31.03 0.64 0.00	34.78 0.67 0.00	37.33 0.80 0.00	29.97 0.63 0.00	28.18 0.58 0.00	33.06 0.56 0.00	33.84 0.53 0.00	36.13 0.48 0.00	37.12 0.58 0.00	40.60 0.66 0.00	41.75 0.59 0.00	42.00 0.67 0.00	54.25 0.88 0.00	54.26 0.92 0.00	42.03 0.71 0.00	39.84 0.72 0.00	39.40 0.68 0.00	39.55 0.52 0.00	31.48 0.47 0.00
BETHPAGE_CC_5 323564	27.75 1.97 0.00	27.42 1.80 -0.12	33.44 2.27 0.00	32.43 2.31 0.00	39.97 2.27 -7.79	32.79 2.39 0.00	36.82 2.71 0.00	40.90 3.18 -1.18	31.74 2.41 0.00	30.02 2.37 -0.05	41.59 3.13 -5.96	39.20 3.14 -2.75	38.38 2.73 0.00	39.08 2.54 0.00	42.60 2.65 0.00	43.68 2.52 0.00	44.15 2.87 0.06	57.07 3.57 -0.14	57.01 3.26 -0.42	43.50 2.18 0.00	41.21 2.09 0.00	40.99 2.27 0.00	41.39 2.36 0.00	33.13 2.12 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.54 -0.24 0.00	25.20 -0.29 0.00	30.60 -0.58 0.00	29.43 -0.70 0.00	28.96 -0.94 0.00	29.69 -0.70 0.00	33.26 -0.85 0.00	35.24 -1.30 0.00	28.68 -0.65 0.00	27.27 -0.33 0.00	32.53 0.02 0.00	33.73 0.42 0.00	36.53 0.88 0.00	37.73 1.19 0.00	41.77 1.83 0.00	43.25 2.09 0.00	43.18 1.84 0.00	55.72 2.35 0.00	55.19 1.85 0.00	42.75 1.44 0.00	40.10 0.98 0.00	39.59 0.87 0.00	40.15 1.11 0.00	31.62 0.61 0.00

BINGHAMTON___COGEN 23790	26.21 0.26 -0.16	25.80 0.15 -0.15	31.81 0.14 -0.49	30.23 0.09 -0.02	30.05 0.03 -0.11	31.03 0.16 -0.47	35.04 0.21 -0.72	37.54 0.13 -0.87	29.90 0.19 -0.38	28.18 0.29 -0.29	33.69 0.54 -0.64	34.70 0.69 -0.71	37.30 0.78 -0.87	37.47 0.85 -0.08	42.29 1.17 -1.18	43.74 1.32 -1.27	44.01 1.40 -1.28	57.22 1.74 -2.12	56.93 1.50 -2.10	43.76 1.18 -1.26	41.28 1.06 -1.10	40.69 0.91 -1.06	40.99 0.94 -1.02	32.10 0.56 -0.53
BIXINCNT_115KV_LOAD 355685	25.75 -0.03 0.00	25.40 -0.10 0.00	30.85 -0.33 0.00	29.69 -0.43 0.00	29.26 -0.65 0.00	29.99 -0.40 0.00	33.63 -0.48 0.00	35.66 -0.87 0.00	29.01 -0.32 0.00	27.57 -0.04 0.00	32.92 0.42 0.00	34.08 0.78 0.00	36.76 1.11 0.00	37.89 1.35 0.00	41.94 2.00 0.00	43.47 2.31 0.00	43.42 2.09 0.00	56.01 2.65 0.00	55.37 2.04 0.00	42.89 1.57 0.00	40.25 1.14 0.00	39.75 1.02 0.00	40.31 1.27 0.00	31.78 0.76 0.00
BLACK RIVER___HYD 24047	9.45 -0.24 16.10	-25.44 -0.29 50.64	7.79 -0.38 23.00	29.57 -0.39 0.17	29.86 -0.30 -0.26	30.53 -0.34 -0.48	35.07 -0.30 -1.27	38.26 -0.29 -2.01	30.10 -0.11 -0.87	28.26 -0.02 -0.68	33.92 -0.06 -1.47	26.49 0.00 6.81	37.86 0.20 -2.01	28.59 -0.07 7.87	42.18 -0.48 -2.72	43.10 -0.58 -2.52	43.81 -0.48 -2.96	57.77 -0.48 -4.89	58.12 -0.10 -4.88	44.59 0.32 -2.95	42.31 0.61 -2.58	42.03 0.82 -2.48	42.02 0.60 -2.39	32.40 0.15 -1.23
BLACKRVR_115KV_TB2 79977	9.45 -0.24 16.10	-25.44 -0.29 50.64	7.79 -0.38 23.00	29.57 -0.39 0.17	29.86 -0.30 -0.26	30.53 -0.35 -0.48	35.07 -0.30 -1.27	38.26 -0.29 -2.01	30.10 -0.11 -0.87	28.26 -0.02 -0.68	33.92 -0.06 -1.47	26.49 -0.01 6.81	37.86 0.20 -2.01	28.60 -0.07 7.87	42.18 -0.48 -2.72	43.10 -0.58 -2.52	43.81 -0.48 -2.96	57.77 -0.49 -4.89	58.12 -0.10 -4.88	44.58 0.32 -2.95	42.31 0.61 -2.58	42.03 0.83 -2.48	42.01 0.59 -2.39	32.40 0.15 -1.23
BLISS_WT_PWR 323608	25.74 -0.04 0.00	25.38 -0.12 0.00	30.85 -0.33 0.00	29.69 -0.43 0.00	29.26 -0.65 0.00	30.00 -0.40 0.00	33.63 -0.48 0.00	35.67 -0.87 0.00	29.01 -0.32 0.00	27.58 -0.02 0.00	32.95 0.45 0.00	34.13 0.82 0.00	36.79 1.15 0.00	37.92 1.39 0.00	41.94 2.00 0.00	43.48 2.33 0.00	43.43 2.10 0.00	56.04 2.67 0.00	55.39 2.05 0.00	42.91 1.59 0.00	40.26 1.14 0.00	39.73 1.01 0.00	40.30 1.27 0.00	31.78 0.76 0.00
BLUESTONE___WT_PWR 323821	27.52 1.60 -0.14	27.07 1.44 -0.13	33.31 1.72 -0.41	31.75 1.61 -0.01	31.56 1.56 -0.09	32.55 1.75 -0.40	36.80 2.08 -0.61	39.51 2.23 -0.74	31.45 1.79 -0.32	29.61 1.76 -0.25	35.27 2.22 -0.55	36.27 2.36 -0.60	39.02 2.63 -0.74	39.36 2.76 -0.07	43.98 3.04 -1.00	45.54 3.31 -1.08	46.03 3.60 -1.09	59.87 4.70 -1.80	59.79 4.66 -1.79	46.08 3.69 -1.08	43.46 3.39 -0.94	42.79 3.16 -0.91	42.75 2.84 -0.87	33.01 1.55 -0.45
BLUE_CIRC_CHEM_DRP 24182	26.49 0.71 0.00	26.18 0.69 0.00	32.08 0.90 0.00	31.03 0.90 0.00	30.75 0.84 0.00	31.29 0.89 0.00	35.05 0.95 0.00	37.61 1.07 0.00	30.15 0.82 0.00	28.37 0.77 0.00	33.26 0.76 0.00	34.01 0.70 0.00	36.31 0.66 0.00	37.27 0.73 0.00	40.78 0.83 0.00	41.87 0.71 0.00	42.10 0.76 0.00	54.59 1.22 0.00	54.61 1.27 0.00	42.39 1.07 0.00	40.17 1.06 0.00	39.73 1.01 0.00	39.95 0.91 0.00	31.80 0.78 0.00
BOC_GAS_DRP 24189	26.41 0.63 0.00	26.10 0.60 0.00	31.97 0.79 0.00	30.91 0.79 0.00	30.65 0.74 0.00	31.18 0.79 0.00	34.93 0.83 0.00	37.47 0.93 0.00	30.06 0.73 0.00	28.28 0.68 0.00	33.23 0.72 0.00	34.01 0.70 0.00	36.30 0.66 0.00	37.26 0.73 0.00	40.77 0.82 0.00	41.93 0.77 0.00	42.17 0.84 0.00	54.45 1.08 0.00	54.41 1.07 0.00	42.15 0.83 0.00	39.95 0.82 0.00	39.54 0.81 0.00	39.73 0.70 0.00	31.64 0.63 0.00
BOONVILLE_115KV_TB1 79983	17.41 0.48 8.85	-1.69 0.43 27.61	18.86 0.49 12.81	30.48 0.46 0.10	30.48 0.50 -0.07	30.88 0.52 0.03	34.96 0.63 -0.23	37.78 0.70 -0.54	30.20 0.63 -0.24	28.43 0.64 -0.18	33.65 0.75 -0.40	29.99 0.83 4.15	37.04 0.85 -0.54	33.05 0.83 4.32	41.61 0.93 -0.73	42.70 0.97 -0.57	43.13 1.00 -0.80	56.11 1.43 -1.32	56.27 1.62 -1.32	43.51 1.40 -0.80	41.25 1.44 -0.70	40.82 1.42 -0.67	40.93 1.25 -0.65	32.14 0.79 -0.33
BORALEX_4TH_BRANCH 23824	27.24 1.45 0.00	26.98 1.49 0.00	33.11 1.93 0.00	32.06 1.93 0.00	31.76 1.85 0.00	32.18 1.78 0.00	36.08 1.98 0.00	38.80 2.26 0.00	31.12 1.79 0.00	29.18 1.58 0.00	34.00 1.49 0.00	34.78 1.47 0.00	37.30 1.65 0.00	38.45 1.91 0.00	42.07 2.13 0.00	42.95 1.79 0.00	43.29 1.96 0.00	55.90 2.53 0.00	56.22 2.88 0.00	43.84 2.53 0.00	41.56 2.44 0.00	40.92 2.20 0.00	40.97 1.94 0.00	32.51 1.50 0.00
BOWLINE___1 23526	27.40 1.62 0.00	26.83 1.34 0.00	32.72 1.55 0.00	31.67 1.55 0.00	31.37 1.47 0.00	32.01 1.61 0.00	35.98 1.88 0.00	38.70 2.16 0.00	31.11 1.78 0.00	29.32 1.72 0.00	34.73 2.22 0.00	35.60 2.29 0.00	37.83 2.18 0.00	38.73 2.19 0.00	42.39 2.45 0.00	43.63 2.47 0.00	44.03 2.69 0.00	56.70 3.34 0.00	56.40 3.06 0.00	43.40 2.09 0.00	41.19 2.07 0.00	40.93 2.21 0.00	41.11 2.07 0.00	32.77 1.76 0.00
BOWLINE___2 23595	27.40 1.62 0.00	26.83 1.34 0.00	32.72 1.55 0.00	31.67 1.55 0.00	31.37 1.47 0.00	32.01 1.61 0.00	35.98 1.88 0.00	38.70 2.16 0.00	31.11 1.78 0.00	29.32 1.72 0.00	34.73 2.22 0.00	35.60 2.29 0.00	37.83 2.18 0.00	38.73 2.19 0.00	42.39 2.45 0.00	43.63 2.47 0.00	44.02 2.69 0.00	56.70 3.34 0.00	56.40 3.06 0.00	43.40 2.08 0.00	41.19 2.07 0.00	40.93 2.21 0.00	41.10 2.07 0.00	32.77 1.76 0.00
BRADY___115KV_TB2 356060	-55.95 -0.49 81.25	-226.27 -0.39 251.37	-88.24 -0.48 118.94	28.67 -0.42 1.03	29.88 -0.03 0.00	26.90 -0.50 2.99	31.65 -0.49 1.96	35.95 -0.57 0.02	28.77 -0.56 0.00	26.98 -0.63 0.00	31.52 -0.95 0.03	-9.31 -0.99 41.63	34.80 -0.85 0.00	-4.18 -1.06 39.66	38.59 -1.35 0.00	37.70 -1.48 1.98	39.61 -1.72 0.00	51.21 -2.15 0.00	51.37 -1.97 0.00	40.05 -1.26 0.00	38.10 -1.02 0.00	37.83 -0.89 0.00	38.20 -0.84 0.00	30.30 -0.72 0.00
BRANSCOMB___SOLAR 323811	27.09 1.31 0.00	26.79 1.30 0.00	32.87 1.69 0.00	31.79 1.66 0.00	31.52 1.61 0.00	32.04 1.65 0.00	35.97 1.87 0.00	38.59 2.05 0.00	30.91 1.58 0.00	29.00 1.40 0.00	33.92 1.42 0.00	34.73 1.42 0.00	37.13 1.48 0.00	38.26 1.72 0.00	41.85 1.90 0.00	43.16 2.00 0.00	43.52 2.19 0.00	56.25 2.89 0.00	56.67 3.34 0.00	44.00 2.68 0.00	41.72 2.61 0.00	41.10 2.38 0.00	41.29 2.26 0.00	32.70 1.68 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	27.92 2.14 0.00	27.64 2.02 -0.12	33.81 2.64 0.00	32.76 2.63 0.00	40.29 2.60 -7.79	33.12 2.73 0.00	37.15 3.05 0.00	41.23 3.51 -1.18	31.87 2.54 0.00	30.16 2.51 -0.05	52.94 3.41 -17.03	48.61 3.42 -11.89	38.70 3.05 0.00	39.29 2.75 0.00	42.70 2.75 0.00	43.80 2.64 0.00	44.26 2.96 0.02	59.22 3.71 -2.14	61.88 3.40 -5.14	43.58 2.26 0.00	41.29 2.17 0.00	41.04 2.32 0.00	41.70 2.67 0.00	33.37 2.36 0.00

BRISTLHL_115KV_TB1 79998	24.03 -0.46 1.29	19.17 -0.49 5.83	29.90 -0.64 0.63	29.54 -0.65 -0.06	29.79 -0.68 -0.57	32.11 -0.61 -2.33	37.08 -0.66 -3.64	40.25 -0.76 -4.47	30.73 -0.54 -1.94	28.63 -0.48 -1.50	35.33 -0.45 -3.28	35.48 -0.35 -2.52	39.75 -0.36 -4.46	35.51 -0.38 0.65	45.70 -0.27 -6.03	47.36 -0.24 -6.44	47.64 -0.25 -6.56	63.97 -0.24 -10.85	63.96 -0.21 -10.82	47.75 -0.11 -6.54	44.70 -0.14 -5.72	44.02 -0.20 -5.50	44.08 -0.24 -5.29	33.45 -0.30 -2.74
BROOKHAVEN___DRP 24191	27.78 2.00 0.00	27.51 1.90 -0.12	33.71 2.53 0.00	32.65 2.52 0.00	40.25 2.56 -7.79	33.12 2.73 0.00	37.15 3.04 0.00	41.29 3.57 -1.18	31.96 2.63 0.00	30.24 2.58 -0.05	98.42 3.51 -62.41	65.61 3.55 -28.75	38.82 3.18 0.00	39.44 2.90 0.00	42.96 3.02 0.00	44.22 3.06 0.00	44.63 3.32 0.02	67.84 4.23 -10.24	81.97 3.87 -24.76	43.92 2.60 0.00	41.65 2.52 0.00	41.32 2.60 0.00	41.62 2.59 0.00	33.31 2.29 0.00
BROOKLYN_NAVY_YARD 23515	27.79 2.01 0.00	27.19 1.70 0.00	33.13 1.96 0.00	32.07 1.94 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.46 2.36 0.00	39.27 2.73 0.00	31.57 2.24 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.14 2.83 0.00	38.29 2.64 0.00	39.16 2.62 0.00	42.84 2.89 0.00	44.04 2.88 0.00	44.41 3.07 0.00	57.13 3.76 0.00	56.78 3.44 0.00	43.69 2.37 0.00	41.49 2.37 0.00	41.35 2.63 0.00	41.56 2.53 0.00	33.24 2.22 0.00
BROOKLYN___ARMY_DRP 323595	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
BROOKVLE_69_KV_TB1 55790	28.08 2.30 0.00	27.69 2.08 -0.12	33.72 2.55 0.00	32.65 2.52 0.00	40.16 2.47 -7.79	33.01 2.61 0.00	37.08 2.98 0.00	41.16 3.45 -1.18	32.04 2.71 0.00	30.30 2.65 -0.05	40.85 3.49 -4.85	38.77 3.58 -1.89	38.82 3.17 0.00	39.58 3.04 0.00	43.21 3.27 0.00	44.35 3.19 0.00	44.81 3.54 0.06	57.76 4.46 0.07	57.41 4.08 0.00	44.12 2.80 0.00	41.79 2.67 0.00	41.54 2.81 0.00	41.95 2.92 0.00	33.52 2.51 0.00
BROOME_2_LFGE 323671	26.21 0.26 -0.16	25.80 0.15 -0.15	31.80 0.13 -0.49	30.23 0.09 -0.02	30.05 0.03 -0.11	31.03 0.16 -0.47	35.04 0.21 -0.72	37.54 0.13 -0.87	29.90 0.19 -0.38	28.19 0.29 -0.29	33.69 0.54 -0.64	34.71 0.69 -0.71	37.30 0.78 -0.87	37.47 0.85 -0.08	42.28 1.16 -1.18	43.74 1.31 -1.27	44.00 1.39 -1.28	57.22 1.73 -2.12	56.93 1.49 -2.10	43.76 1.19 -1.26	41.28 1.06 -1.10	40.69 0.91 -1.06	40.99 0.94 -1.02	32.10 0.56 -0.53
BROOME___LFGE 323600	26.21 0.26 -0.16	25.80 0.15 -0.15	31.80 0.13 -0.49	30.23 0.09 -0.02	30.05 0.03 -0.11	31.03 0.16 -0.47	35.04 0.21 -0.72	37.54 0.13 -0.87	29.90 0.19 -0.38	28.19 0.29 -0.29	33.69 0.54 -0.64	34.71 0.69 -0.71	37.30 0.78 -0.87	37.47 0.85 -0.08	42.28 1.16 -1.18	43.74 1.31 -1.27	44.00 1.39 -1.28	57.22 1.73 -2.12	56.93 1.49 -2.10	43.76 1.19 -1.26	41.28 1.06 -1.10	40.69 0.91 -1.06	40.99 0.94 -1.02	32.10 0.56 -0.53
BROWNFLS_115KV_TB_3_5 80003	-17.30 -0.87 42.21	-106.31 -0.87 130.93	-31.49 -1.10 61.56	28.56 -1.04 0.52	29.24 -0.77 -0.10	28.18 -1.09 1.12	32.62 -1.13 0.35	36.14 -1.20 -0.80	28.76 -0.93 -0.35	27.04 -0.84 -0.27	32.03 -1.06 -0.58	11.22 -1.04 21.05	35.49 -0.97 -0.81	14.76 -1.17 20.61	39.53 -1.51 -1.10	39.76 -1.55 -0.15	40.93 -1.59 -1.19	53.46 -1.88 -1.97	53.75 -1.56 -1.97	41.59 -0.92 -1.19	39.45 -0.72 -1.04	39.14 -0.58 -1.00	39.27 -0.73 -0.96	30.72 -0.79 -0.50
BROWNSV1_27_KV_LOAD 356125	28.16 2.38 0.00	27.55 2.05 0.00	33.55 2.38 0.00	32.46 2.34 0.00	32.16 2.25 0.00	32.81 2.42 0.00	36.93 2.83 0.00	39.77 3.23 0.00	31.98 2.64 0.00	30.14 2.54 0.00	35.78 3.27 0.00	36.66 3.36 0.00	38.81 3.17 0.00	39.71 3.17 0.00	43.43 3.49 0.00	44.68 3.52 0.00	45.07 3.74 0.00	57.98 4.62 0.00	57.60 4.26 0.00	44.36 3.04 0.00	42.12 3.00 0.00	41.94 3.21 0.00	42.19 3.16 0.00	33.70 2.69 0.00
BURROWS___LYONSDAL 23803	14.42 0.34 11.70	-10.70 0.28 36.48	14.56 0.32 16.94	30.28 0.30 0.14	30.35 0.35 -0.09	30.67 0.35 0.07	34.80 0.43 -0.27	37.70 0.49 -0.67	30.09 0.46 -0.29	28.33 0.50 -0.22	33.55 0.55 -0.49	28.43 0.63 5.52	36.99 0.67 -0.67	31.44 0.62 5.71	41.49 0.65 -0.90	42.51 0.67 -0.68	43.02 0.70 -0.98	56.04 1.05 -1.63	56.24 1.28 -1.62	43.47 1.17 -0.98	41.22 1.25 -0.86	40.81 1.26 -0.83	40.91 1.08 -0.79	32.07 0.64 -0.41
CAITHNESS_CC_1 323624	27.77 1.98 0.00	27.50 1.88 -0.12	33.69 2.51 0.00	32.63 2.50 0.00	40.22 2.53 -7.79	33.09 2.69 0.00	37.10 2.99 0.00	41.24 3.52 -1.18	31.92 2.59 0.00	30.20 2.55 -0.05	98.03 3.45 -62.08	65.37 3.46 -28.60	38.77 3.12 0.00	39.39 2.85 0.00	42.90 2.95 0.00	44.14 2.98 0.00	44.56 3.25 0.02	67.66 4.12 -10.18	81.68 3.76 -24.58	43.85 2.53 0.00	41.57 2.45 0.00	41.26 2.54 0.00	41.57 2.53 0.00	33.28 2.26 0.00
CALPINE BETH_PAGE_GT4 24209	27.77 1.99 0.00	27.43 1.81 -0.12	33.45 2.27 0.00	32.42 2.29 0.00	39.93 2.24 -7.79	32.78 2.38 0.00	36.81 2.70 0.00	40.86 3.15 -1.18	31.73 2.40 0.00	30.01 2.36 -0.05	41.33 3.13 -5.70	39.03 3.18 -2.54	38.35 2.70 0.00	39.06 2.52 0.00	42.57 2.62 0.00	43.67 2.51 0.00	44.11 2.85 0.07	56.99 3.55 -0.08	56.88 3.23 -0.32	43.49 2.17 0.00	41.21 2.08 0.00	41.00 2.28 0.00	41.44 2.41 0.00	33.15 2.14 0.00
CALPINE_BETH_PAGE_GT_4 323586	27.77 1.98 0.00	27.43 1.81 -0.12	33.45 2.27 0.00	32.42 2.29 0.00	39.94 2.24 -7.79	32.78 2.38 0.00	36.80 2.70 0.00	40.86 3.15 -1.18	31.73 2.40 0.00	30.01 2.36 -0.05	41.33 3.13 -5.70	39.00 3.15 -2.54	38.35 2.70 0.00	39.05 2.51 0.00	42.57 2.62 0.00	43.67 2.51 0.00	44.11 2.85 0.07	56.98 3.54 -0.08	56.89 3.23 -0.32	43.49 2.17 0.00	41.21 2.09 0.00	41.00 2.27 0.00	41.44 2.40 0.00	33.15 2.14 0.00
CALPINE_BP_GT1 23823	27.77 1.98 0.00	27.43 1.81 -0.12	33.45 2.27 0.00	32.42 2.29 0.00	39.94 2.24 -7.79	32.78 2.38 0.00	36.80 2.70 0.00	40.86 3.15 -1.18	31.73 2.40 0.00	30.01 2.36 -0.05	41.33 3.13 -5.70	39.00 3.15 -2.54	38.35 2.70 0.00	39.05 2.51 0.00	42.57 2.62 0.00	43.67 2.51 0.00	44.11 2.85 0.07	56.98 3.54 -0.08	56.89 3.23 -0.32	43.49 2.17 0.00	41.21 2.09 0.00	41.00 2.27 0.00	41.44 2.40 0.00	33.15 2.14 0.00
CALSPAN___DRP 24200	25.48 -0.30 0.00	25.15 -0.34 0.00	30.54 -0.64 0.00	29.37 -0.75 0.00	28.91 -1.00 0.00	29.63 -0.76 0.00	33.18 -0.92 0.00	35.15 -1.39 0.00	28.60 -0.73 0.00	27.19 -0.42 0.00	32.42 -0.09 0.00	33.60 0.29 0.00	36.40 0.75 0.00	37.61 1.07 0.00	41.62 1.68 0.00	43.08 1.92 0.00	43.00 1.67 0.00	55.49 2.12 0.00	54.96 1.62 0.00	42.58 1.27 0.00	39.95 0.83 0.00	39.45 0.73 0.00	40.02 0.99 0.00	31.55 0.53 0.00

CALVERTON___SOLAR 323806	27.83 2.04 0.00	27.56 1.94 -0.12	33.77 2.59 0.00	32.69 2.56 0.00	40.33 2.63 -7.79	33.22 2.82 0.00	37.24 3.13 0.00	41.39 3.67 -1.18	32.03 2.70 0.00	30.31 2.66 -0.05	98.67 3.61 -62.56	65.75 3.62 -28.81	38.92 3.27 0.00	39.54 2.99 0.00	43.08 3.13 0.00	44.36 3.20 0.00	44.77 3.46 0.02	68.04 4.41 -10.27	82.20 4.03 -24.83	44.03 2.71 0.00	41.77 2.65 0.00	41.43 2.70 0.00	41.71 2.68 0.00	33.38 2.36 0.00
CANDIGU_WT_PWR 323617	25.92 0.05 -0.09	25.51 -0.07 -0.08	31.21 -0.22 -0.25	29.84 -0.29 -0.01	29.54 -0.43 -0.06	30.42 -0.22 -0.24	34.28 -0.19 -0.37	36.52 -0.47 -0.45	29.35 -0.17 -0.19	27.77 0.02 -0.15	33.15 0.31 -0.33	34.27 0.59 -0.37	36.87 0.78 -0.45	37.49 0.91 -0.04	41.99 1.44 -0.61	43.51 1.70 -0.65	43.65 1.66 -0.66	56.54 2.08 -1.10	56.08 1.63 -1.11	43.37 1.38 -0.67	40.84 1.14 -0.59	40.21 0.92 -0.57	40.70 1.12 -0.54	31.84 0.55 -0.28
CARR STREET_E_SYR 24060	24.08 -0.24 1.46	20.19 -0.29 5.01	28.97 -0.41 1.80	29.70 -0.42 0.00	29.60 -0.46 -0.15	30.61 -0.37 -0.58	34.66 -0.39 -0.95	37.28 -0.46 -1.20	29.56 -0.29 -0.52	27.82 -0.18 -0.40	33.31 -0.07 -0.88	33.43 0.02 -0.10	36.90 0.05 -1.20	35.94 0.12 0.72	41.82 0.26 -1.61	43.19 0.34 -1.70	43.47 0.38 -1.75	56.80 0.53 -2.90	56.71 0.47 -2.90	43.44 0.37 -1.75	40.93 0.27 -1.53	40.37 0.17 -1.47	40.55 0.10 -1.42	31.69 -0.05 -0.73
CARTHAGE___PAPER 23857	6.73 -0.14 18.91	-33.89 -0.18 59.21	3.72 -0.25 27.21	29.67 -0.24 0.21	30.01 -0.11 -0.22	30.41 -0.19 -0.20	34.88 -0.15 -0.93	38.11 -0.12 -1.69	30.05 -0.02 -0.74	28.20 0.03 -0.57	33.69 -0.05 -1.24	24.80 -0.03 8.49	37.50 0.16 -1.69	27.21 -0.09 9.24	41.80 -0.43 -2.29	42.70 -0.45 -1.99	43.38 -0.44 -2.48	57.07 -0.40 -4.11	57.47 0.03 -4.10	44.20 0.40 -2.48	41.94 0.65 -2.17	41.62 0.81 -2.08	41.62 0.58 -2.01	32.23 0.18 -1.04
CASSADAGA_WT_PWR 323784	26.31 0.53 0.00	25.85 0.36 0.00	31.40 0.22 0.00	30.22 0.09 0.00	29.77 -0.14 0.00	30.55 0.15 0.00	34.35 0.24 0.00	36.45 -0.09 0.00	29.68 0.35 0.00	28.24 0.64 0.00	33.79 1.29 0.00	35.08 1.77 0.00	37.88 2.23 0.00	39.08 2.54 0.00	43.23 3.28 0.00	44.81 3.65 0.00	44.86 3.52 0.00	57.81 4.45 0.00	57.15 3.81 0.00	44.30 2.99 0.00	41.62 2.50 0.00	41.00 2.27 0.00	41.55 2.52 0.00	32.59 1.58 0.00
CE_DUNWOOD___DRP 24194	27.59 1.81 0.00	27.02 1.53 0.00	32.97 1.79 0.00	31.90 1.77 0.00	31.61 1.70 0.00	32.24 1.84 0.00	36.25 2.15 0.00	39.02 2.48 0.00	31.35 2.02 0.00	29.54 1.94 0.00	34.99 2.48 0.00	35.85 2.55 0.00	38.06 2.41 0.00	38.94 2.40 0.00	42.59 2.65 0.00	43.82 2.66 0.00	44.21 2.87 0.00	56.91 3.55 0.00	56.61 3.28 0.00	43.60 2.28 0.00	41.38 2.26 0.00	41.14 2.42 0.00	41.34 2.31 0.00	32.99 1.98 0.00
CE_MILLWOOD___DRP 24193	27.52 1.73 0.00	26.97 1.47 0.00	32.89 1.71 0.00	31.83 1.71 0.00	31.52 1.62 0.00	32.16 1.76 0.00	36.16 2.06 0.00	38.91 2.38 0.00	31.27 1.94 0.00	29.47 1.87 0.00	34.89 2.39 0.00	35.76 2.45 0.00	37.97 2.33 0.00	38.85 2.32 0.00	42.51 2.56 0.00	43.74 2.59 0.00	44.13 2.79 0.00	56.81 3.44 0.00	56.53 3.19 0.00	43.54 2.22 0.00	41.31 2.19 0.00	41.07 2.34 0.00	41.26 2.23 0.00	32.91 1.90 0.00
CE_NYC2_DRP 24202	27.83 2.05 0.00	27.23 1.74 0.00	33.17 2.00 0.00	32.09 1.97 0.00	31.80 1.89 0.00	32.46 2.06 0.00	36.54 2.43 0.00	39.37 2.84 0.00	31.62 2.29 0.00	29.79 2.18 0.00	35.32 2.82 0.00	36.13 2.82 0.00	38.21 2.57 0.00	39.06 2.52 0.00	42.70 2.76 0.00	43.90 2.74 0.00	44.29 2.96 0.00	56.95 3.58 0.00	56.55 3.21 0.00	43.58 2.26 0.00	41.40 2.28 0.00	41.35 2.63 0.00	41.62 2.58 0.00	33.30 2.29 0.00
CE_NYC_DRP 24195	27.82 2.04 0.00	27.22 1.72 0.00	33.17 1.99 0.00	32.10 1.98 0.00	31.81 1.90 0.00	32.45 2.06 0.00	36.50 2.40 0.00	39.32 2.78 0.00	31.61 2.28 0.00	29.80 2.19 0.00	35.34 2.83 0.00	36.20 2.89 0.00	38.34 2.70 0.00	39.20 2.66 0.00	42.87 2.93 0.00	44.09 2.93 0.00	44.46 3.12 0.00	57.18 3.82 0.00	56.81 3.48 0.00	43.75 2.43 0.00	41.55 2.42 0.00	41.39 2.66 0.00	41.63 2.59 0.00	33.27 2.26 0.00
CHAFFEE___LFGE 323603	25.61 -0.17 0.00	25.24 -0.25 0.00	30.66 -0.52 0.00	29.48 -0.65 0.00	29.02 -0.89 0.00	29.77 -0.63 0.00	33.35 -0.75 0.00	35.36 -1.18 0.00	28.78 -0.55 0.00	27.37 -0.23 0.00	32.64 0.14 0.00	33.83 0.52 0.00	36.57 0.93 0.00	37.79 1.25 0.00	41.79 1.85 0.00	43.31 2.15 0.00	43.25 1.92 0.00	55.84 2.47 0.00	55.31 1.97 0.00	42.86 1.54 0.00	40.19 1.07 0.00	39.69 0.96 0.00	40.23 1.20 0.00	31.68 0.67 0.00
CHATEAUG_35_KV_LOAD 355732	16.59 0.23 9.42	-3.35 0.31 29.16	17.77 0.38 13.79	30.41 0.40 0.12	30.41 0.50 0.00	30.38 0.33 0.35	34.41 0.53 0.23	36.94 0.40 0.00	29.55 0.21 0.00	27.64 0.03 0.00	32.29 -0.21 0.00	28.11 -0.37 4.83	35.52 -0.13 0.00	31.72 -0.22 4.60	39.67 -0.27 0.00	40.50 -0.43 0.23	40.44 -0.89 0.00	52.40 -0.97 0.00	52.45 -0.88 0.00	40.95 -0.36 0.00	38.83 -0.29 0.00	38.41 -0.31 0.00	38.89 -0.14 0.00	30.66 -0.36 0.00
CHATEAUG_WT_PWR 323614	21.67 0.97 5.09	10.71 0.96 15.74	24.96 1.23 7.45	31.34 1.28 0.07	31.23 1.33 0.00	31.45 1.25 0.19	35.64 1.66 0.12	38.02 1.49 0.00	30.29 0.96 0.00	28.32 0.72 0.00	32.95 0.45 0.00	30.94 0.24 2.61	36.17 0.52 0.00	34.59 0.54 2.48	40.64 0.70 0.00	41.55 0.52 0.12	41.14 -0.19 0.00	53.21 -0.15 0.00	53.36 0.02 0.00	41.85 0.53 0.00	39.62 0.50 0.00	39.05 0.33 0.00	39.72 0.68 0.00	31.10 0.09 0.00
CHAT_HIGH_FALL_HYD 323578	16.59 0.23 9.42	-3.35 0.31 29.16	17.77 0.38 13.79	30.41 0.40 0.12	30.41 0.50 0.00	30.38 0.33 0.35	34.41 0.53 0.23	36.94 0.40 0.00	29.55 0.21 0.00	27.64 0.03 0.00	32.29 -0.21 0.00	28.11 -0.37 4.83	35.52 -0.13 0.00	31.72 -0.22 4.60	39.67 -0.27 0.00	40.50 -0.43 0.23	40.44 -0.89 0.00	52.40 -0.97 0.00	52.45 -0.88 0.00	40.95 -0.36 0.00	38.83 -0.29 0.00	38.41 -0.31 0.00	38.89 -0.14 0.00	30.66 -0.36 0.00
CHAUTAUQUA___LFGE 323629	25.92 0.13 0.00	25.50 0.00 0.00	30.98 -0.20 0.00	29.81 -0.32 0.00	29.36 -0.55 0.00	30.11 -0.28 0.00	33.82 -0.28 0.00	35.83 -0.70 0.00	29.14 -0.19 0.00	27.71 0.10 0.00	33.13 0.63 0.00	34.37 1.06 0.00	37.13 1.48 0.00	38.29 1.75 0.00	42.37 2.42 0.00	43.91 2.76 0.00	43.96 2.62 0.00	56.64 3.28 0.00	55.99 2.65 0.00	43.44 2.12 0.00	40.87 1.75 0.00	40.25 1.52 0.00	40.84 1.81 0.00	32.08 1.07 0.00
CHERRYST_13_KV_LD 356241	27.91 2.13 0.00	27.31 1.82 0.00	33.28 2.10 0.00	32.22 2.09 0.00	31.91 2.01 0.00	32.57 2.18 0.00	36.66 2.55 0.00	39.50 2.96 0.00	31.75 2.42 0.00	29.95 2.34 0.00	35.52 3.02 0.00	36.40 3.09 0.00	38.56 2.91 0.00	39.43 2.89 0.00	43.11 3.17 0.00	44.34 3.18 0.00	44.71 3.37 0.00	57.49 4.12 0.00	57.09 3.75 0.00	43.95 2.63 0.00	41.74 2.62 0.00	41.55 2.83 0.00	41.79 2.76 0.00	33.39 2.38 0.00

CHESTROR_138KV_BK263 355645	27.21 1.43 0.00	26.69 1.19 0.00	32.57 1.39 0.00	31.50 1.38 0.00	31.20 1.29 0.00	31.82 1.43 0.00	35.75 1.65 0.00	38.43 1.90 0.00	30.88 1.55 0.00	29.12 1.52 0.00	34.45 1.94 0.00	35.32 2.01 0.00	37.60 1.95 0.00	38.50 1.96 0.00	42.13 2.19 0.00	43.41 2.25 0.00	43.77 2.43 0.00	56.41 3.04 0.00	56.19 2.85 0.00	43.30 1.98 0.00	41.07 1.95 0.00	40.76 2.04 0.00	40.93 1.90 0.00	32.59 1.58 0.00
CH_MIDHUDSON___DRP 24192	27.47 1.69 0.00	26.95 1.45 0.00	32.90 1.73 0.00	31.83 1.70 0.00	31.51 1.61 0.00	32.13 1.73 0.00	36.11 2.00 0.00	38.87 2.33 0.00	31.25 1.91 0.00	29.46 1.85 0.00	34.82 2.31 0.00	35.68 2.38 0.00	38.00 2.35 0.00	38.94 2.40 0.00	42.61 2.66 0.00	43.88 2.72 0.00	44.25 2.92 0.00	56.98 3.62 0.00	56.79 3.45 0.00	43.80 2.49 0.00	41.52 2.40 0.00	41.17 2.45 0.00	41.35 2.32 0.00	32.91 1.89 0.00
CH_MISC_IPPS 23765	27.67 1.89 0.00	27.13 1.64 0.00	33.10 1.92 0.00	32.01 1.88 0.00	31.69 1.78 0.00	32.31 1.91 0.00	36.32 2.22 0.00	39.10 2.56 0.00	31.46 2.13 0.00	29.68 2.08 0.00	35.12 2.61 0.00	36.01 2.70 0.00	38.37 2.73 0.00	39.33 2.79 0.00	43.03 3.09 0.00	44.35 3.19 0.00	44.74 3.41 0.00	57.59 4.22 0.00	57.38 4.04 0.00	44.23 2.91 0.00	41.92 2.79 0.00	41.56 2.83 0.00	41.70 2.67 0.00	33.18 2.17 0.00
CH_RES_BVR_FALLS 23983	28.53 -0.31 -3.06	34.70 -0.26 -9.46	35.34 -0.32 -4.47	29.87 -0.29 -0.04	29.69 -0.22 0.00	30.17 -0.34 -0.11	33.81 -0.37 -0.07	36.12 -0.41 0.00	28.95 -0.39 0.00	27.22 -0.39 0.00	32.01 -0.50 -1.57	34.33 -0.54 -0.50	35.15 -0.50 -0.50	37.45 -0.58 -1.49	39.22 -0.72 0.00	40.49 -0.74 -0.07	40.47 -0.86 0.00	52.29 -1.07 0.00	52.31 -1.03 0.00	40.56 -0.75 0.00	38.39 -0.73 0.00	38.03 -0.69 0.00	38.37 -0.66 0.00	30.50 -0.51 0.00
CH_RES_NIAGARA 23895	24.64 -1.15 0.00	24.42 -1.07 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.73 -1.66 0.00	32.09 -2.01 0.00	33.89 -2.65 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.15 -1.35 0.00	32.27 -1.04 0.00	35.05 -0.60 0.00	36.21 -0.33 0.00	39.92 -0.02 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.80 -0.56 0.00	52.38 -0.95 0.00	40.59 -0.73 0.00	38.12 -1.00 0.00	37.73 -0.99 0.00	38.37 -0.67 0.00	30.31 -0.70 0.00
CH_RES_SYRACUSE 23985	24.72 -0.01 1.05	21.29 -0.06 4.15	30.14 -0.10 0.93	30.00 -0.15 -0.03	30.02 -0.17 -0.28	31.44 -0.07 -1.12	35.79 -0.07 -1.76	38.59 -0.11 -2.17	30.24 -0.03 -0.94	28.38 0.04 -0.73	34.28 0.19 -1.59	34.61 0.31 -1.00	38.17 0.36 -2.16	36.42 0.40 0.52	43.44 0.58 -2.92	44.94 0.67 -3.11	45.25 0.75 -3.18	59.64 1.01 -5.26	59.60 1.02 -5.25	45.27 0.78 -3.17	42.57 0.67 -2.78	41.95 0.56 -2.67	42.08 0.48 -2.57	32.57 0.23 -1.33
CLINTON_WT_PWR 323605	21.67 0.97 5.09	10.71 0.96 15.74	24.96 1.23 7.45	31.34 1.28 0.07	31.23 1.33 0.00	31.45 1.25 0.19	35.64 1.66 0.12	38.02 1.49 0.00	30.29 0.96 0.00	28.32 0.72 0.00	32.95 0.45 0.00	30.94 0.24 2.61	36.17 0.52 0.00	34.59 0.54 2.48	40.64 0.70 0.00	41.55 0.52 0.12	41.14 -0.19 0.00	53.21 -0.15 0.00	53.36 0.02 0.00	41.85 0.53 0.00	39.62 0.50 0.00	39.05 0.33 0.00	39.72 0.68 0.00	31.10 0.09 0.00
CLINTON___LFGE 323618	20.94 0.94 5.79	8.52 0.93 17.90	23.86 1.16 8.47	31.26 1.20 0.07	31.16 1.25 0.00	31.35 1.16 0.21	35.52 1.56 0.14	37.96 1.43 0.00	30.28 0.95 0.00	28.32 0.72 0.00	32.99 0.48 0.00	30.66 0.32 2.97	36.25 0.60 0.00	34.30 0.59 2.83	40.69 0.75 0.00	41.60 0.58 0.14	41.29 -0.04 0.00	53.45 0.08 0.00	53.57 0.23 0.00	41.97 0.65 0.00	39.74 0.62 0.00	39.19 0.47 0.00	39.88 0.85 0.00	31.27 0.25 0.00
COBBLENY_34_KV_TB1 80064	25.61 -0.18 0.00	25.26 -0.24 0.00	30.66 -0.52 0.00	29.48 -0.65 0.00	29.02 -0.89 0.00	29.76 -0.64 0.00	33.35 -0.76 0.00	35.36 -1.18 0.00	28.78 -0.55 0.00	27.37 -0.24 0.00	32.63 0.12 0.00	33.80 0.49 0.00	36.57 0.92 0.00	37.78 1.25 0.00	41.81 1.87 0.00	43.30 2.15 0.00	43.25 1.92 0.00	55.83 2.47 0.00	55.31 1.98 0.00	42.84 1.52 0.00	40.19 1.08 0.00	39.68 0.96 0.00	40.23 1.20 0.00	31.68 0.67 0.00
COFFEEN___115KV_TB3 355620	10.07 -0.11 15.60	-23.80 -0.17 49.12	8.66 -0.26 22.26	29.69 -0.27 0.16	29.99 -0.18 -0.27	30.72 -0.20 -0.53	35.30 -0.13 -1.33	38.50 -0.11 -2.07	30.28 0.05 -0.90	28.45 0.15 -0.69	34.17 0.15 -1.52	27.01 0.22 6.52	38.18 0.46 -2.07	29.05 0.14 7.62	42.41 -0.33 -2.80	43.30 -0.47 -2.62	44.03 -0.34 -3.04	58.10 -0.29 -5.03	58.47 0.12 -5.02	44.89 0.54 -3.03	42.65 0.88 -2.65	42.43 1.16 -2.55	42.39 0.91 -2.46	32.64 0.36 -1.27
COLDSPRG_115KV_BK1 355956	26.53 0.74 0.00	26.05 0.55 0.00	31.62 0.44 0.00	30.43 0.30 0.00	29.99 0.09 0.00	30.79 0.39 0.00	34.64 0.54 0.00	36.76 0.22 0.00	29.85 0.51 0.00	28.44 0.84 0.00	34.10 1.59 0.00	35.35 2.04 0.00	38.14 2.49 0.00	39.32 2.78 0.00	43.45 3.51 0.00	45.09 3.93 0.00	45.13 3.79 0.00	58.15 4.79 0.00	57.46 4.12 0.00	44.51 3.20 0.00	41.80 2.68 0.00	41.21 2.49 0.00	41.78 2.75 0.00	32.75 1.74 0.00
COLONIE_LFGE___ 323577	26.84 1.06 0.00	26.55 1.05 0.00	32.54 1.36 0.00	31.48 1.35 0.00	31.19 1.29 0.00	31.71 1.31 0.00	35.57 1.46 0.00	38.18 1.64 0.00	30.62 1.29 0.00	28.77 1.17 0.00	33.67 1.16 0.00	34.49 1.18 0.00	36.91 1.26 0.00	37.99 1.45 0.00	41.56 1.62 0.00	42.70 1.54 0.00	42.99 1.66 0.00	55.52 2.16 0.00	55.71 2.38 0.00	43.21 1.89 0.00	40.95 1.82 0.00	40.41 1.68 0.00	40.53 1.50 0.00	32.18 1.17 0.00
COOPERNY_115KV_TB1 80082	26.82 1.04 0.00	26.37 0.87 0.00	32.20 1.02 0.00	31.13 1.00 0.00	30.85 0.95 0.00	31.44 1.05 0.00	35.29 1.19 0.00	37.89 1.35 0.00	30.45 1.11 0.00	28.69 1.09 0.00	33.94 1.43 0.00	34.82 1.51 0.00	37.11 1.47 0.00	38.02 1.48 0.00	41.61 1.67 0.00	42.86 1.70 0.00	43.19 1.86 0.00	55.66 2.30 0.00	55.49 2.16 0.00	42.85 1.54 0.00	40.63 1.51 0.00	40.25 1.53 0.00	40.45 1.42 0.00	32.18 1.16 0.00
COPENHAGEN_WT_PWR 323753	10.80 -0.27 14.72	-21.26 -0.32 46.43	9.81 -0.43 20.94	29.55 -0.43 0.15	29.83 -0.36 -0.28	30.60 -0.41 -0.61	35.14 -0.39 -1.43	38.33 -0.38 -2.17	30.10 -0.17 -0.94	28.26 -0.07 -0.73	33.98 -0.12 -1.59	27.25 -0.07 6.00	37.94 0.13 -2.17	29.22 -0.13 7.19	42.37 -0.50 -2.93	43.37 -0.58 -2.78	44.05 -0.47 -3.19	58.16 -0.48 -5.27	58.47 -0.13 -5.26	44.75 0.25 -3.18	42.42 0.51 -2.78	42.12 0.72 -2.68	42.10 0.49 -2.57	32.45 0.10 -1.33
CORNELL_____ 23752	26.68 0.67 -0.22	26.28 0.58 -0.21	32.48 0.64 -0.66	30.73 0.58 -0.02	30.60 0.54 -0.15	31.70 0.66 -0.64	35.90 0.81 -0.98	38.53 0.80 -1.19	30.54 0.69 -0.51	28.73 0.73 -0.40	34.29 0.92 -0.87	35.29 1.03 -0.96	37.92 1.09 -1.18	37.85 1.20 -0.11	43.02 1.49 -1.60	44.46 1.58 -1.72	44.79 1.72 -1.74	58.60 2.35 -2.88	58.63 2.41 -2.88	45.06 2.01 -1.74	42.52 1.88 -1.52	41.92 1.73 -1.46	42.07 1.63 -1.41	32.79 1.05 -0.73

CORONA_69_KV_TB1 355595	28.03 2.24 0.00	27.62 2.00 -0.12	33.63 2.45 0.00	32.55 2.43 0.00	40.05 2.36 -7.79	32.90 2.50 0.00	36.96 2.86 0.00	40.99 3.27 -1.18	31.85 2.52 0.00	30.12 2.47 -0.05	40.59 3.24 -4.85	38.51 3.32 -1.89	38.71 3.06 0.00	39.49 2.95 0.00	43.09 3.15 0.00	44.17 3.02 0.00	44.67 3.34 0.00	57.50 4.13 0.00	57.09 3.75 0.00	43.95 2.64 0.00	41.64 2.51 0.00	41.43 2.71 0.00	41.77 2.74 0.00	33.46 2.45 0.00
CORTLAND_115KV_TB3 80093	25.14 0.50 1.14	21.88 0.41 4.02	30.30 0.46 1.34	30.54 0.41 -0.01	30.43 0.37 -0.15	31.47 0.48 -0.59	35.64 0.59 -0.95	38.30 0.58 -1.19	30.37 0.52 -0.51	28.57 0.57 -0.40	34.10 0.72 -0.87	34.38 0.81 -0.26	37.69 0.86 -1.19	36.94 0.96 0.56	42.75 1.21 -1.60	44.16 1.31 -1.69	44.47 1.40 -1.74	58.14 1.90 -2.88	58.06 1.85 -2.88	44.59 1.53 -1.74	42.10 1.46 -1.52	41.55 1.36 -1.46	41.72 1.28 -1.40	32.55 0.81 -0.73
COXSACKIE___GT 23611	27.86 2.08 0.00	27.56 2.06 0.00	33.70 2.53 0.00	32.56 2.44 0.00	32.25 2.35 0.00	32.81 2.42 0.00	36.86 2.75 0.00	39.56 3.02 0.00	31.79 2.46 0.00	29.91 2.31 0.00	34.38 1.88 0.00	35.54 2.23 0.00	37.76 2.11 0.00	39.13 2.59 0.00	42.85 2.91 0.00	44.05 2.89 0.00	44.33 3.00 0.00	58.46 5.10 0.00	58.48 5.14 0.00	45.47 4.16 0.00	42.97 3.84 0.00	42.38 3.66 0.00	42.43 3.39 0.00	33.58 2.57 0.00
CPV_VALLEY___CC1 323721	26.98 1.19 0.00	26.48 0.99 0.00	32.31 1.13 0.00	31.25 1.13 0.00	30.97 1.06 0.00	31.58 1.19 0.00	35.47 1.36 0.00	38.11 1.57 0.00	30.62 1.29 0.00	28.86 1.26 0.00	34.14 1.63 0.00	35.00 1.69 0.00	37.25 1.61 0.00	38.15 1.61 0.00	41.76 1.82 0.00	42.99 1.84 0.00	43.35 2.02 0.00	55.86 2.49 0.00	55.63 2.29 0.00	42.89 1.58 0.00	40.68 1.56 0.00	40.37 1.65 0.00	40.56 1.52 0.00	32.30 1.29 0.00
CPV_VALLEY___CC2 323722	26.98 1.19 0.00	26.48 0.99 0.00	32.31 1.13 0.00	31.25 1.13 0.00	30.97 1.06 0.00	31.58 1.19 0.00	35.47 1.36 0.00	38.11 1.57 0.00	30.62 1.29 0.00	28.86 1.26 0.00	34.14 1.63 0.00	35.00 1.69 0.00	37.25 1.61 0.00	38.15 1.61 0.00	41.76 1.82 0.00	42.99 1.84 0.00	43.35 2.02 0.00	55.86 2.49 0.00	55.63 2.29 0.00	42.89 1.58 0.00	40.68 1.56 0.00	40.37 1.65 0.00	40.56 1.52 0.00	32.30 1.29 0.00
CRESCENT___HYD 24018	26.84 1.06 0.00	26.55 1.05 0.00	32.54 1.36 0.00	31.48 1.35 0.00	31.19 1.29 0.00	31.71 1.31 0.00	35.57 1.46 0.00	38.18 1.64 0.00	30.62 1.29 0.00	28.77 1.17 0.00	33.67 1.16 0.00	34.49 1.18 0.00	36.91 1.26 0.00	37.99 1.45 0.00	41.56 1.62 0.00	42.70 1.54 0.00	42.99 1.66 0.00	55.52 2.16 0.00	55.71 2.38 0.00	43.21 1.89 0.00	40.95 1.82 0.00	40.41 1.68 0.00	40.53 1.50 0.00	32.18 1.17 0.00
CRICKET___VALLEY_CC1 323756	27.11 1.32 0.00	26.64 1.15 0.00	32.54 1.36 0.00	31.48 1.36 0.00	31.15 1.24 0.00	31.75 1.35 0.00	35.70 1.60 0.00	38.46 1.93 0.00	30.90 1.57 0.00	29.09 1.49 0.00	34.20 1.69 0.00	35.03 1.72 0.00	37.38 1.73 0.00	38.32 1.78 0.00	41.96 2.01 0.00	43.16 2.00 0.00	43.52 2.19 0.00	56.06 2.69 0.00	55.95 2.61 0.00	43.19 1.87 0.00	40.95 1.83 0.00	40.57 1.85 0.00	40.72 1.69 0.00	32.41 1.40 0.00
CRICKET___VALLEY_CC2 323757	27.11 1.32 0.00	26.64 1.15 0.00	32.54 1.36 0.00	31.48 1.36 0.00	31.15 1.24 0.00	31.75 1.35 0.00	35.70 1.60 0.00	38.46 1.93 0.00	30.90 1.57 0.00	29.09 1.49 0.00	34.20 1.69 0.00	35.03 1.72 0.00	37.38 1.73 0.00	38.32 1.78 0.00	41.96 2.01 0.00	43.16 2.00 0.00	43.52 2.19 0.00	56.06 2.69 0.00	55.95 2.61 0.00	43.19 1.87 0.00	40.95 1.83 0.00	40.57 1.85 0.00	40.72 1.69 0.00	32.41 1.40 0.00
CRICKET___VALLEY_CC3 323758	27.11 1.32 0.00	26.64 1.15 0.00	32.54 1.36 0.00	31.48 1.36 0.00	31.15 1.24 0.00	31.75 1.35 0.00	35.70 1.60 0.00	38.46 1.93 0.00	30.90 1.57 0.00	29.09 1.49 0.00	34.20 1.69 0.00	35.03 1.72 0.00	37.38 1.73 0.00	38.32 1.78 0.00	41.96 2.01 0.00	43.16 2.00 0.00	43.52 2.19 0.00	56.06 2.69 0.00	55.95 2.61 0.00	43.19 1.87 0.00	40.95 1.83 0.00	40.57 1.85 0.00	40.72 1.69 0.00	32.41 1.40 0.00
CRUCIBLE_METL_DRP 24180	24.72 -0.01 1.05	21.29 -0.06 4.15	30.14 -0.10 0.93	30.00 -0.16 -0.03	30.01 -0.17 -0.28	31.44 -0.07 -1.12	35.79 -0.07 -1.76	38.59 -0.11 -2.17	30.24 -0.03 -0.94	28.38 0.04 -0.73	34.28 0.19 -1.59	34.61 0.30 -1.00	38.17 0.36 -2.16	36.42 0.40 0.52	43.45 0.59 -2.92	44.94 0.68 -3.11	45.26 0.75 -3.18	59.64 1.02 -5.26	59.60 1.02 -5.25	45.26 0.77 -3.17	42.57 0.67 -2.78	41.95 0.56 -2.67	42.08 0.48 -2.57	32.56 0.23 -1.33
DAHOWA___HYDRO 323763	27.16 1.38 0.00	26.88 1.38 0.00	32.99 1.81 0.00	31.90 1.77 0.00	31.64 1.73 0.00	32.16 1.77 0.00	36.12 2.02 0.00	38.76 2.23 0.00	31.05 1.71 0.00	29.13 1.52 0.00	34.04 1.53 0.00	34.87 1.56 0.00	37.28 1.63 0.00	38.44 1.90 0.00	42.02 2.07 0.00	43.38 2.22 0.00	43.72 2.39 0.00	56.55 3.18 0.00	57.00 3.67 0.00	44.27 2.95 0.00	41.99 2.87 0.00	41.33 2.61 0.00	41.53 2.50 0.00	32.87 1.85 0.00
DANC___LFGE 323619	15.53 -0.38 9.87	-6.59 -0.42 31.67	16.94 -0.55 13.69	29.50 -0.55 0.08	29.74 -0.51 -0.35	30.97 -0.51 -1.09	35.58 -0.52 -2.00	38.71 -0.55 -2.73	30.17 -0.34 -1.19	28.28 -0.24 -0.91	34.23 -0.27 -2.00	29.99 -0.20 3.12	38.26 -0.11 -2.72	31.44 -0.27 4.83	43.13 -0.49 -3.68	44.36 -0.51 -3.71	44.89 -0.44 -4.00	59.54 -0.45 -6.62	59.72 -0.22 -6.60	45.38 0.07 -3.99	42.84 0.23 -3.49	42.41 0.33 -3.36	42.46 0.19 -3.23	32.61 -0.08 -1.67
DANSKAMMER___1 23586	27.67 1.89 0.00	27.13 1.64 0.00	33.10 1.92 0.00	32.01 1.88 0.00	31.69 1.78 0.00	32.31 1.91 0.00	36.32 2.22 0.00	39.10 2.56 0.00	31.46 2.13 0.00	29.68 2.08 0.00	35.12 2.61 0.00	36.01 2.70 0.00	38.37 2.73 0.00	39.33 2.79 0.00	43.03 3.09 0.00	44.35 3.19 0.00	44.74 3.41 0.00	57.59 4.22 0.00	57.38 4.04 0.00	44.23 2.91 0.00	41.92 2.79 0.00	41.56 2.83 0.00	41.70 2.67 0.00	33.18 2.17 0.00
DANSKAMMER___2 23589	27.67 1.89 0.00	27.13 1.64 0.00	33.10 1.92 0.00	32.01 1.88 0.00	31.69 1.78 0.00	32.31 1.91 0.00	36.32 2.22 0.00	39.10 2.56 0.00	31.46 2.13 0.00	29.68 2.08 0.00	35.12 2.61 0.00	36.01 2.70 0.00	38.37 2.73 0.00	39.33 2.79 0.00	43.03 3.09 0.00	44.35 3.19 0.00	44.74 3.41 0.00	57.59 4.22 0.00	57.38 4.04 0.00	44.23 2.91 0.00	41.92 2.79 0.00	41.56 2.83 0.00	41.70 2.67 0.00	33.18 2.17 0.00
DANSKAMMER___3 23590	27.67 1.89 0.00	27.13 1.64 0.00	33.10 1.92 0.00	32.01 1.88 0.00	31.69 1.78 0.00	32.31 1.91 0.00	36.32 2.22 0.00	39.10 2.56 0.00	31.46 2.13 0.00	29.68 2.08 0.00	35.12 2.61 0.00	36.01 2.70 0.00	38.37 2.73 0.00	39.33 2.79 0.00	43.03 3.09 0.00	44.35 3.19 0.00	44.74 3.41 0.00	57.59 4.22 0.00	57.38 4.04 0.00	44.23 2.91 0.00	41.92 2.79 0.00	41.56 2.83 0.00	41.70 2.67 0.00	33.18 2.17 0.00

DANSKAMMER___4 23591	27.67 1.89 0.00	27.13 1.64 0.00	33.10 1.92 0.00	32.01 1.88 0.00	31.69 1.78 0.00	32.31 1.91 0.00	36.32 2.22 0.00	39.10 2.56 0.00	31.46 2.13 0.00	29.68 2.08 0.00	35.12 2.61 0.00	36.01 2.70 0.00	38.37 2.73 0.00	39.33 2.79 0.00	43.03 3.09 0.00	44.35 3.19 0.00	44.74 3.41 0.00	57.59 4.22 0.00	57.38 4.04 0.00	44.23 2.91 0.00	41.92 2.79 0.00	41.56 2.83 0.00	41.70 2.67 0.00	33.18 2.17 0.00
DANSKAMMER___DIESEL 23592	27.67 1.89 0.00	27.13 1.63 0.00	33.10 1.93 0.00	32.01 1.88 0.00	31.69 1.78 0.00	32.31 1.91 0.00	36.32 2.21 0.00	39.10 2.56 0.00	31.46 2.13 0.00	29.68 2.08 0.00	35.12 2.62 0.00	36.02 2.71 0.00	38.38 2.73 0.00	39.33 2.79 0.00	43.03 3.09 0.00	44.35 3.19 0.00	44.74 3.41 0.00	57.59 4.23 0.00	57.38 4.04 0.00	44.24 2.92 0.00	41.92 2.79 0.00	41.56 2.83 0.00	41.71 2.68 0.00	33.18 2.17 0.00
DARBY___SOLAR 323810	27.07 1.28 0.00	26.78 1.28 0.00	32.85 1.68 0.00	31.77 1.64 0.00	31.50 1.60 0.00	32.03 1.63 0.00	35.95 1.85 0.00	38.58 2.05 0.00	30.90 1.57 0.00	28.99 1.38 0.00	33.90 1.40 0.00	34.72 1.41 0.00	37.11 1.46 0.00	38.25 1.71 0.00	41.83 1.89 0.00	43.16 2.00 0.00	43.51 2.18 0.00	56.26 2.89 0.00	56.68 3.34 0.00	43.99 2.68 0.00	41.72 2.60 0.00	41.09 2.37 0.00	41.29 2.26 0.00	32.70 1.68 0.00
DASHVILLE___HYD 23610	27.42 1.64 0.00	26.89 1.40 0.00	32.83 1.65 0.00	31.76 1.64 0.00	31.44 1.54 0.00	32.06 1.67 0.00	36.01 1.90 0.00	38.75 2.21 0.00	31.14 1.81 0.00	29.37 1.77 0.00	34.76 2.26 0.00	35.65 2.34 0.00	37.97 2.32 0.00	38.89 2.35 0.00	42.53 2.58 0.00	43.87 2.71 0.00	44.23 2.90 0.00	56.88 3.52 0.00	56.64 3.30 0.00	43.63 2.31 0.00	41.35 2.23 0.00	41.07 2.35 0.00	41.23 2.20 0.00	32.81 1.80 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.05 2.27 0.00	27.93 2.32 -0.12	34.25 3.07 0.00	33.05 2.92 0.00	40.95 3.26 -7.79	34.01 3.62 0.00	38.02 3.91 0.00	42.12 4.41 -1.18	32.61 3.28 0.00	30.92 3.27 -0.05	99.66 4.40 -62.75	66.52 4.31 -28.90	39.58 3.93 0.00	40.16 3.62 0.00	43.77 3.83 0.00	45.09 3.93 0.00	45.59 4.28 0.02	69.10 5.44 -10.30	83.16 4.89 -24.94	44.56 3.24 0.00	42.35 3.23 0.00	41.93 3.20 0.00	42.17 3.14 0.00	33.74 2.73 0.00
DELAWARE___LFGE 323621	26.78 0.93 -0.07	26.40 0.84 -0.07	32.46 1.06 -0.21	31.15 1.02 -0.01	30.92 0.97 -0.05	31.69 1.09 -0.21	35.59 1.17 -0.32	38.15 1.23 -0.39	30.50 0.99 -0.17	28.70 0.97 -0.13	34.06 1.27 -0.28	34.97 1.35 -0.31	37.44 1.41 -0.39	38.03 1.46 -0.03	42.11 1.65 -0.52	43.46 1.74 -0.56	43.72 1.82 -0.57	56.62 2.32 -0.94	56.47 2.20 -0.93	43.56 1.68 -0.56	41.20 1.59 -0.49	40.75 1.56 -0.47	40.96 1.48 -0.45	32.34 1.09 -0.23
DERFIELD_115KV_TB7 355931	24.58 0.20 1.41	21.33 0.18 4.35	29.35 0.23 2.06	30.34 0.23 0.02	30.10 0.20 0.00	30.58 0.24 0.05	34.31 0.24 0.03	36.81 0.27 0.00	29.56 0.23 0.00	27.82 0.22 0.00	32.75 0.24 0.00	32.85 0.26 0.72	35.90 0.25 0.00	36.15 0.29 0.69	40.29 0.34 0.00	41.48 0.36 0.03	41.70 0.37 0.00	53.85 0.48 0.00	53.82 0.48 0.00	41.70 0.38 0.00	39.50 0.38 0.00	39.08 0.35 0.00	39.35 0.32 0.00	31.25 0.24 0.00
DOGLEVILLE___HYD 23807	25.01 0.63 1.41	21.71 0.56 4.35	29.89 0.77 2.06	30.87 0.77 0.02	30.58 0.67 0.00	31.07 0.72 0.05	34.88 0.81 0.03	37.35 0.82 0.00	29.90 0.57 0.00	28.05 0.45 0.00	32.68 0.18 0.72	32.71 0.12 0.00	35.87 0.22 0.69	36.26 0.40 0.00	40.36 0.42 0.03	41.66 0.53 0.00	42.03 0.69 0.00	54.37 1.00 0.00	54.77 1.43 0.00	42.72 1.41 0.00	40.56 1.44 0.00	39.98 1.26 0.00	40.23 1.20 0.00	31.84 0.83 0.00
DUNKIRK___115KV_TB_200 55889	25.86 0.07 0.00	25.44 -0.05 0.00	30.90 -0.28 0.00	29.74 -0.39 0.00	29.29 -0.61 0.00	30.03 -0.37 0.00	33.74 -0.37 0.00	35.74 -0.80 0.00	29.07 -0.26 0.00	27.64 0.03 0.00	33.04 0.53 0.00	34.24 0.93 0.00	37.01 1.37 0.00	38.18 1.64 0.00	42.26 2.32 0.00	43.80 2.64 0.00	43.84 2.51 0.00	56.49 3.12 0.00	55.83 2.50 0.00	43.30 1.98 0.00	40.75 1.63 0.00	40.13 1.41 0.00	40.72 1.69 0.00	31.99 0.98 0.00
DUNKIRK___1 23563	25.86 0.07 0.00	25.44 -0.05 0.00	30.90 -0.28 0.00	29.74 -0.39 0.00	29.29 -0.61 0.00	30.03 -0.37 0.00	33.74 -0.37 0.00	35.74 -0.80 0.00	29.07 -0.26 0.00	27.64 0.03 0.00	33.04 0.53 0.00	34.24 0.93 0.00	37.01 1.37 0.00	38.18 1.64 0.00	42.26 2.32 0.00	43.80 2.64 0.00	43.84 2.51 0.00	56.49 3.12 0.00	55.83 2.50 0.00	43.30 1.98 0.00	40.75 1.63 0.00	40.13 1.41 0.00	40.72 1.69 0.00	31.99 0.98 0.00
DUNKIRK___2 23564	25.86 0.07 0.00	25.44 -0.05 0.00	30.90 -0.28 0.00	29.74 -0.39 0.00	29.29 -0.61 0.00	30.03 -0.37 0.00	33.74 -0.37 0.00	35.74 -0.80 0.00	29.07 -0.26 0.00	27.64 0.03 0.00	33.04 0.53 0.00	34.24 0.93 0.00	37.01 1.37 0.00	38.18 1.64 0.00	42.26 2.32 0.00	43.80 2.64 0.00	43.84 2.51 0.00	56.49 3.12 0.00	55.83 2.50 0.00	43.30 1.98 0.00	40.75 1.63 0.00	40.13 1.41 0.00	40.72 1.69 0.00	31.99 0.98 0.00
DUNKIRK___3 23565	25.69 -0.09 0.00	25.29 -0.21 0.00	30.72 -0.46 0.00	29.55 -0.57 0.00	29.11 -0.79 0.00	29.85 -0.54 0.00	33.50 -0.60 0.00	35.50 -1.04 0.00	28.87 -0.47 0.00	27.44 -0.17 0.00	32.77 0.27 0.00	33.95 0.64 0.00	36.70 1.05 0.00	37.86 1.32 0.00	41.91 1.97 0.00	43.43 2.27 0.00	43.44 2.11 0.00	55.98 2.61 0.00	55.35 2.01 0.00	42.92 1.60 0.00	40.35 1.23 0.00	39.76 1.04 0.00	40.35 1.32 0.00	31.74 0.73 0.00
DUNKIRK___4 23566	25.69 -0.09 0.00	25.29 -0.21 0.00	30.72 -0.46 0.00	29.55 -0.57 0.00	29.11 -0.79 0.00	29.85 -0.54 0.00	33.50 -0.60 0.00	35.50 -1.04 0.00	28.87 -0.47 0.00	27.44 -0.17 0.00	32.77 0.27 0.00	33.95 0.64 0.00	36.70 1.05 0.00	37.86 1.32 0.00	41.91 1.97 0.00	43.43 2.27 0.00	43.44 2.11 0.00	55.98 2.61 0.00	55.35 2.01 0.00	42.92 1.60 0.00	40.35 1.23 0.00	39.76 1.04 0.00	40.35 1.32 0.00	31.74 0.73 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.67 1.89 0.00	27.11 1.61 0.00	33.06 1.88 0.00	31.98 1.85 0.00	31.68 1.78 0.00	32.32 1.93 0.00	36.35 2.25 0.00	39.13 2.59 0.00	31.43 2.10 0.00	29.63 2.03 0.00	35.10 2.60 0.00	35.97 2.66 0.00	38.15 2.50 0.00	39.01 2.47 0.00	42.66 2.72 0.00	43.89 2.73 0.00	44.27 2.94 0.00	56.99 3.62 0.00	56.67 3.33 0.00	43.65 2.34 0.00	41.43 2.31 0.00	41.22 2.50 0.00	41.44 2.41 0.00	33.08 2.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.43 1.64 0.00	26.89 1.40 0.00	32.79 1.62 0.00	31.72 1.59 0.00	31.42 1.51 0.00	32.04 1.65 0.00	36.01 1.90 0.00	38.74 2.20 0.00	31.14 1.81 0.00	29.36 1.75 0.00	34.76 2.26 0.00	35.64 2.33 0.00	37.94 2.29 0.00	38.88 2.34 0.00	42.53 2.59 0.00	43.83 2.67 0.00	44.23 2.89 0.00	56.97 3.60 0.00	56.74 3.40 0.00	43.72 2.41 0.00	41.46 2.34 0.00	41.13 2.41 0.00	41.29 2.26 0.00	32.87 1.86 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	27.77 1.99 0.00	27.16 1.67 0.00	33.11 1.93 0.00	32.03 1.90 0.00	31.74 1.84 0.00	32.38 1.99 0.00	36.44 2.34 0.00	39.27 2.73 0.00	31.53 2.20 0.00	29.71 2.11 0.00	35.19 2.69 0.00	35.94 2.63 0.00	38.13 2.49 0.00	39.01 2.48 0.00	42.71 2.77 0.00	43.94 2.78 0.00	44.32 2.99 0.00	57.03 3.66 0.00	56.65 3.31 0.00	43.69 2.37 0.00	41.49 2.37 0.00	41.39 2.67 0.00	41.55 2.52 0.00	33.27 2.26 0.00
E179THST_13_KV_LOAD 356214	27.95 2.17 0.00	27.34 1.84 0.00	33.32 2.14 0.00	32.22 2.09 0.00	31.93 2.03 0.00	32.59 2.19 0.00	36.67 2.57 0.00	39.52 2.99 0.00	31.73 2.40 0.00	29.90 2.30 0.00	35.43 2.92 0.00	36.19 2.88 0.00	38.40 2.76 0.00	39.29 2.75 0.00	43.03 3.09 0.00	44.27 3.11 0.00	44.65 3.32 0.00	57.47 4.10 0.00	57.08 3.74 0.00	44.02 2.70 0.00	41.79 2.67 0.00	41.69 2.97 0.00	41.85 2.82 0.00	33.51 2.49 0.00
EAST HAMPTON___GT 23717	27.87 2.08 0.00	27.97 2.36 -0.12	34.38 3.20 0.00	33.05 2.92 0.00	41.33 3.64 -7.79	34.62 4.23 0.00	38.52 4.41 0.00	42.51 4.79 -1.18	32.83 3.50 0.00	31.15 3.50 -0.05	99.93 4.66 -62.76	66.53 4.32 -28.91	39.47 3.82 0.00	39.90 3.36 0.00	43.31 3.37 0.00	44.63 3.47 0.00	45.17 3.85 0.02	68.55 4.88 -10.30	82.59 4.30 -24.95	43.98 2.66 0.00	42.01 2.89 0.00	41.58 2.86 0.00	41.84 2.80 0.00	33.57 2.56 0.00
EAST RIVER___6 23660	27.82 2.04 0.00	27.23 1.73 0.00	33.17 2.00 0.00	32.11 1.98 0.00	31.81 1.90 0.00	32.44 2.04 0.00	36.48 2.38 0.00	39.32 2.78 0.00	31.61 2.28 0.00	29.82 2.22 0.00	35.37 2.86 0.00	36.25 2.94 0.00	38.42 2.77 0.00	39.29 2.75 0.00	42.98 3.03 0.00	44.18 3.03 0.00	44.56 3.23 0.00	57.27 3.91 0.00	56.89 3.55 0.00	43.81 2.49 0.00	41.62 2.50 0.00	41.47 2.75 0.00	41.68 2.65 0.00	33.31 2.29 0.00
EAST RIVER___7 23524	27.82 2.04 0.00	27.23 1.73 0.00	33.17 2.00 0.00	32.11 1.98 0.00	31.81 1.90 0.00	32.44 2.04 0.00	36.48 2.38 0.00	39.32 2.78 0.00	31.61 2.28 0.00	29.82 2.22 0.00	35.37 2.86 0.00	36.25 2.94 0.00	38.42 2.77 0.00	39.29 2.75 0.00	42.98 3.03 0.00	44.18 3.03 0.00	44.56 3.23 0.00	57.27 3.91 0.00	56.89 3.55 0.00	43.81 2.49 0.00	41.62 2.50 0.00	41.47 2.75 0.00	41.68 2.65 0.00	33.31 2.29 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.59 1.81 0.00	27.02 1.53 0.00	32.97 1.79 0.00	31.90 1.77 0.00	31.61 1.70 0.00	32.24 1.84 0.00	36.25 2.15 0.00	39.02 2.48 0.00	31.35 2.02 0.00	29.54 1.94 0.00	34.99 2.48 0.00	35.85 2.55 0.00	38.06 2.41 0.00	38.94 2.40 0.00	42.59 2.65 0.00	43.82 2.66 0.00	44.21 2.87 0.00	56.91 3.55 0.00	56.61 3.28 0.00	43.60 2.28 0.00	41.38 2.26 0.00	41.14 2.42 0.00	41.34 2.31 0.00	32.99 1.98 0.00
EAST_HAMPTON___DIESEL 23722	27.79 2.01 0.00	27.93 2.31 -0.12	34.33 3.15 0.00	32.99 2.87 0.00	41.32 3.63 -7.79	34.63 4.24 0.00	38.52 4.41 0.00	42.48 4.76 -1.18	32.79 3.46 0.00	31.12 3.47 -0.05	99.90 4.64 -62.76	66.46 4.24 -28.91	39.39 3.74 0.00	39.81 3.27 0.00	43.23 3.29 0.00	44.53 3.37 0.00	45.08 3.76 0.02	68.44 4.77 -10.30	82.47 4.19 -24.95	43.88 2.56 0.00	41.90 2.78 0.00	41.47 2.75 0.00	41.71 2.69 0.00	33.48 2.47 0.00
EAST_POINT___SOLAR 323840	27.72 1.93 0.00	27.33 1.84 0.00	33.36 2.18 0.00	32.19 2.06 0.00	31.94 2.03 0.00	32.64 2.25 0.00	36.64 2.54 0.00	38.86 2.32 0.00	30.88 1.55 0.00	28.89 1.28 0.00	34.18 1.67 0.00	34.80 1.49 0.00	37.84 2.19 0.00	38.47 1.93 0.00	41.97 2.03 0.00	43.77 2.61 0.00	44.14 2.81 0.00	57.83 4.46 0.00	57.66 4.32 0.00	45.11 3.79 0.00	42.88 3.75 0.00	42.41 3.69 0.00	42.78 3.75 0.00	33.78 2.76 0.00
EAST_PULASKI___ESR 323781	20.47 -0.43 4.88	8.31 -0.46 16.72	24.53 -0.60 6.04	29.53 -0.60 -0.01	29.80 -0.61 -0.50	31.74 -0.57 -1.91	36.62 -0.60 -3.11	39.81 -0.66 -3.93	30.58 -0.46 -1.71	28.56 -0.36 -1.32	35.00 -0.38 -2.88	33.28 -0.32 -0.30	39.25 -0.32 -3.93	33.71 -0.43 2.40	44.75 -0.50 -5.30	46.27 -0.46 -5.57	46.68 -0.42 -5.76	62.45 -0.45 -9.53	62.52 -0.34 -9.51	46.94 -0.12 -5.75	44.09 -0.07 -5.03	43.51 -0.05 -4.84	43.62 -0.07 -4.65	33.23 -0.19 -2.41
EAST_RIVER___1 323558	27.82 2.03 0.00	27.22 1.73 0.00	33.17 2.00 0.00	32.10 1.98 0.00	31.81 1.90 0.00	32.45 2.05 0.00	36.50 2.40 0.00	39.32 2.78 0.00	31.61 2.28 0.00	29.80 2.19 0.00	35.33 2.83 0.00	36.19 2.88 0.00	38.34 2.70 0.00	39.21 2.67 0.00	42.88 2.93 0.00	44.08 2.93 0.00	44.46 3.13 0.00	57.18 3.82 0.00	56.82 3.48 0.00	43.75 2.43 0.00	41.54 2.42 0.00	41.39 2.66 0.00	41.63 2.59 0.00	33.27 2.26 0.00
EAST_RIVER___2 323559	27.82 2.04 0.00	27.23 1.73 0.00	33.17 2.00 0.00	32.11 1.98 0.00	31.81 1.90 0.00	32.44 2.04 0.00	36.48 2.38 0.00	39.32 2.78 0.00	31.61 2.28 0.00	29.82 2.22 0.00	35.37 2.86 0.00	36.25 2.94 0.00	38.42 2.77 0.00	39.29 2.75 0.00	42.98 3.03 0.00	44.18 3.03 0.00	44.56 3.23 0.00	57.27 3.91 0.00	56.89 3.55 0.00	43.81 2.49 0.00	41.62 2.50 0.00	41.47 2.75 0.00	41.68 2.65 0.00	33.31 2.29 0.00
EAST___DELAWARE_HYD 23607	26.76 0.98 0.00	26.22 0.73 0.00	31.98 0.80 0.00	30.90 0.78 0.00	30.61 0.70 0.00	31.21 0.81 0.00	35.06 0.96 0.00	37.74 1.20 0.00	30.30 0.97 0.00	28.60 0.99 0.00	33.81 1.31 0.00	34.73 1.42 0.00	37.16 1.52 0.00	38.09 1.55 0.00	41.60 1.66 0.00	42.95 1.80 0.00	43.38 2.05 0.00	55.92 2.56 0.00	55.82 2.48 0.00	43.09 1.77 0.00	40.83 1.71 0.00	40.41 1.69 0.00	40.49 1.45 0.00	32.15 1.14 0.00
EIGHT_POINT___WT_PWR 323820	26.24 0.37 -0.09	25.80 0.23 -0.08	31.56 0.12 -0.25	30.16 0.02 -0.01	29.84 -0.12 -0.06	30.75 0.11 -0.24	34.67 0.19 -0.37	36.93 -0.06 -0.45	29.67 0.14 -0.20	28.06 0.30 -0.15	33.46 0.62 -0.33	34.65 0.98 -0.37	37.29 1.19 -0.45	37.90 1.32 -0.04	42.49 1.94 -0.61	44.04 2.22 -0.66	44.17 2.17 -0.67	57.23 2.76 -1.10	56.84 2.38 -1.11	44.05 2.05 -0.68	41.51 1.80 -0.59	40.87 1.58 -0.57	41.34 1.76 -0.55	31.97 0.67 -0.28
ELBRIDGE_115KV_TB2 80188	24.76 -0.15 0.87	21.63 -0.19 3.67	30.29 -0.28 0.61	29.85 -0.31 -0.03	29.86 -0.35 -0.30	31.37 -0.25 -1.23	35.76 -0.27 -1.92	38.57 -0.33 -2.37	30.16 -0.19 -1.03	28.24 -0.16 -0.79	34.17 -0.07 -1.73	34.62 0.08 -1.24	38.14 0.13 -2.36	36.23 0.13 0.43	43.42 0.29 -3.19	44.93 0.37 -3.40	45.26 0.46 -3.47	59.75 0.64 -5.74	59.71 0.64 -5.73	45.26 0.48 -3.46	42.56 0.41 -3.03	41.95 0.32 -2.91	42.08 0.25 -2.80	32.51 0.05 -1.45
ELEC_TRO_TEK 24086	27.79 2.01 0.00	27.42 1.80 -0.12	33.40 2.22 0.00	32.35 2.22 0.00	39.85 2.15 -7.79	32.69 2.29 0.00	36.72 2.62 0.00	40.74 3.03 -1.18	31.67 2.33 0.00	29.93 2.28 -0.05	40.37 3.02 -4.85	38.28 3.09 -1.89	38.44 2.79 0.00	39.18 2.64 0.00	42.75 2.81 0.00	43.89 2.74 0.00	44.34 3.05 0.04	57.08 3.75 0.04	56.78 3.44 0.00	43.66 2.34 0.00	41.37 2.25 0.00	41.17 2.45 0.00	41.46 2.43 0.00	33.18 2.17 0.00

ELLENBURG_WT_PWR 323604	21.67 0.97 5.09	10.71 0.96 15.74	24.96 1.23 7.45	31.34 1.28 0.07	31.23 1.33 0.00	31.45 1.25 0.19	35.64 1.66 0.12	38.02 1.49 0.00	30.29 0.96 0.00	28.32 0.72 0.00	32.95 0.45 0.00	30.94 0.24 2.61	36.17 0.52 0.00	34.59 0.54 2.48	40.64 0.70 0.00	41.55 0.52 0.12	41.14 -0.19 0.00	53.21 -0.15 0.00	53.36 0.02 0.00	41.85 0.53 0.00	39.62 0.50 0.00	39.05 0.33 0.00	39.72 0.68 0.00	31.10 0.09 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.34 -0.44 0.00	25.03 -0.47 0.00	30.38 -0.80 0.00	29.23 -0.90 0.00	28.76 -1.14 0.00	29.50 -0.90 0.00	33.02 -1.08 0.00	34.96 -1.58 0.00	28.44 -0.89 0.00	27.03 -0.58 0.00	32.21 -0.30 0.00	33.38 0.07 0.00	36.18 0.53 0.00	37.37 0.83 0.00	41.33 1.39 0.00	42.77 1.61 0.00	42.67 1.34 0.00	55.04 1.68 0.00	54.52 1.19 0.00	42.24 0.92 0.00	39.64 0.52 0.00	39.16 0.44 0.00	39.74 0.71 0.00	31.34 0.33 0.00
EMPIRE_CC_1 323656	26.45 0.66 0.00	26.16 0.66 0.00	32.05 0.87 0.00	31.03 0.90 0.00	30.74 0.84 0.00	31.24 0.85 0.00	35.03 0.92 0.00	37.63 1.10 0.00	30.20 0.86 0.00	28.36 0.76 0.00	33.18 0.67 0.00	33.96 0.65 0.00	36.32 0.67 0.00	37.35 0.82 0.00	40.84 0.89 0.00	41.91 0.75 0.00	42.17 0.84 0.00	54.43 1.06 0.00	54.55 1.22 0.00	42.30 0.98 0.00	40.10 0.97 0.00	39.63 0.91 0.00	39.74 0.70 0.00	31.62 0.61 0.00
EMPIRE_CC_2 323658	26.45 0.66 0.00	26.16 0.66 0.00	32.05 0.87 0.00	31.03 0.90 0.00	30.74 0.84 0.00	31.24 0.85 0.00	35.03 0.92 0.00	37.63 1.10 0.00	30.20 0.86 0.00	28.36 0.76 0.00	33.18 0.67 0.00	33.96 0.65 0.00	36.32 0.67 0.00	37.35 0.82 0.00	40.84 0.89 0.00	41.91 0.75 0.00	42.17 0.84 0.00	54.43 1.06 0.00	54.55 1.22 0.00	42.30 0.98 0.00	40.10 0.97 0.00	39.63 0.91 0.00	39.74 0.70 0.00	31.62 0.61 0.00
ENORWICH_115KV_TB1 80156	28.01 2.06 -0.17	27.57 1.92 -0.16	33.93 2.26 -0.50	32.27 2.13 -0.02	32.12 2.10 -0.11	33.19 2.31 -0.48	37.62 2.78 -0.74	40.38 2.95 -0.89	31.98 2.26 -0.39	30.14 2.24 -0.30	35.76 2.61 -0.65	36.84 2.81 -0.72	39.57 3.03 -0.89	39.91 3.29 -0.08	44.58 3.43 -1.20	46.08 3.62 -1.30	46.82 4.18 -1.31	61.05 5.52 -2.17	61.18 5.68 -2.16	47.29 4.67 -1.30	44.64 4.38 -1.14	43.90 4.09 -1.10	43.84 3.75 -1.05	34.03 2.47 -0.55
ERIE_ST_34_KV_TB1-2 80199	25.58 -0.20 0.00	25.22 -0.27 0.00	30.61 -0.56 0.00	29.45 -0.68 0.00	28.99 -0.92 0.00	29.72 -0.68 0.00	33.30 -0.80 0.00	35.31 -1.22 0.00	28.75 -0.59 0.00	27.35 -0.26 0.00	32.63 0.12 0.00	33.83 0.52 0.00	36.60 0.96 0.00	37.82 1.28 0.00	41.90 1.95 0.00	43.43 2.27 0.00	43.35 2.01 0.00	55.96 2.59 0.00	55.42 2.09 0.00	42.94 1.62 0.00	40.25 1.13 0.00	39.72 1.00 0.00	40.22 1.18 0.00	31.68 0.66 0.00
ERIE_WT_PWR 323693	25.51 -0.27 0.00	25.16 -0.34 0.00	30.56 -0.62 0.00	29.40 -0.73 0.00	28.93 -0.98 0.00	29.66 -0.74 0.00	33.22 -0.89 0.00	35.20 -1.34 0.00	28.63 -0.71 0.00	27.22 -0.39 0.00	32.45 -0.05 0.00	33.66 0.35 0.00	36.43 0.78 0.00	37.63 1.09 0.00	41.63 1.69 0.00	43.11 1.95 0.00	43.04 1.70 0.00	55.55 2.18 0.00	55.01 1.68 0.00	42.65 1.33 0.00	40.01 0.89 0.00	39.50 0.77 0.00	40.07 1.04 0.00	31.57 0.56 0.00
ESPRGFLD_115KV_TB1 80157	27.31 1.53 0.00	26.90 1.41 0.00	32.85 1.67 0.00	31.67 1.55 0.00	31.43 1.52 0.00	32.13 1.73 0.00	36.09 1.98 0.00	38.51 1.97 0.00	30.84 1.51 0.00	29.05 1.45 0.00	34.42 1.92 0.00	35.38 2.07 0.00	37.99 2.35 0.00	38.90 2.36 0.00	42.50 2.55 0.00	44.00 2.84 0.00	44.26 2.93 0.00	57.24 3.88 0.00	57.14 3.81 0.00	44.30 2.99 0.00	41.91 2.79 0.00	41.46 2.73 0.00	41.80 2.77 0.00	33.03 2.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.64 0.62 -0.23	26.24 0.53 -0.21	32.46 0.59 -0.69	30.68 0.53 -0.03	30.56 0.49 -0.16	31.68 0.62 -0.66	35.87 0.75 -1.02	38.51 0.74 -1.23	30.50 0.64 -0.53	28.69 0.67 -0.41	34.26 0.85 -0.90	35.26 0.96 -0.99	37.90 1.02 -1.23	37.77 1.12 -0.11	42.99 1.39 -1.66	44.43 1.48 -1.78	44.77 1.63 -1.80	58.58 2.23 -2.99	58.60 2.28 -2.99	45.02 1.90 -1.80	42.48 1.78 -1.58	41.87 1.64 -1.52	42.04 1.55 -1.46	32.75 0.99 -0.75
ETNA____115KV_TB2 80207	26.64 0.62 -0.23	26.24 0.53 -0.21	32.46 0.59 -0.69	30.68 0.53 -0.03	30.56 0.49 -0.16	31.68 0.62 -0.66	35.87 0.75 -1.02	38.51 0.74 -1.23	30.50 0.64 -0.53	28.69 0.67 -0.41	34.26 0.85 -0.90	35.26 0.96 -0.99	37.90 1.02 -1.23	37.77 1.12 -0.11	42.99 1.39 -1.66	44.43 1.48 -1.78	44.77 1.63 -1.80	58.58 2.23 -2.99	58.60 2.28 -2.99	45.02 1.90 -1.80	42.48 1.78 -1.58	41.87 1.64 -1.52	42.04 1.55 -1.46	32.75 0.99 -0.75
EUCLID____115KV_TB2 356179	23.92 -0.33 1.53	19.97 -0.37 5.16	28.72 -0.50 1.96	29.61 -0.51 0.00	29.49 -0.54 -0.13	30.41 -0.47 -0.48	34.39 -0.50 -0.79	36.96 -0.58 -1.00	29.38 -0.39 -0.44	27.64 -0.30 -0.34	33.01 -0.23 -0.74	33.09 -0.15 0.07	36.54 -0.11 -1.00	35.72 -0.07 0.75	41.35 0.06 -1.35	42.70 0.12 -1.42	42.96 0.15 -1.47	56.03 0.23 -2.44	55.95 0.18 -2.43	42.93 0.14 -1.47	40.49 0.08 -1.29	39.95 -0.01 -1.24	40.16 -0.07 -1.19	31.45 -0.18 -0.62
E_CANADA_CAP_HY 24051	27.56 1.77 0.00	27.18 1.68 0.00	33.17 1.99 0.00	31.99 1.87 0.00	31.75 1.85 0.00	32.45 2.05 0.00	36.44 2.34 0.00	38.77 2.24 0.00	30.95 1.61 0.00	29.09 1.48 0.00	34.33 1.82 0.00	35.20 1.89 0.00	37.91 2.26 0.00	38.82 2.28 0.00	42.31 2.37 0.00	43.92 2.76 0.00	44.10 2.77 0.00	57.16 3.80 0.00	57.17 3.84 0.00	44.45 3.14 0.00	42.13 3.01 0.00	41.71 2.99 0.00	42.22 3.19 0.00	33.39 2.38 0.00
E_CANADA_MHWK_HY 24050	25.01 0.63 1.41	21.71 0.56 4.35	29.89 0.77 2.06	30.87 0.77 0.02	30.58 0.67 0.00	31.07 0.72 0.05	34.88 0.81 0.03	37.35 0.82 0.00	29.90 0.57 0.00	28.05 0.45 0.00	32.68 0.18 0.00	32.71 0.12 0.72	35.87 0.22 0.00	36.26 0.40 0.69	40.36 0.42 0.00	41.66 0.53 0.03	42.03 0.69 0.00	54.37 1.00 0.00	54.77 1.43 0.00	42.72 1.41 0.00	40.56 1.44 0.00	39.98 1.26 0.00	40.23 1.20 0.00	31.84 0.83 0.00
E_FISHKILL____LBMP 23776	27.30 1.52 0.00	26.79 1.30 0.00	32.72 1.54 0.00	31.65 1.53 0.00	31.34 1.44 0.00	31.97 1.57 0.00	35.92 1.82 0.00	38.65 2.11 0.00	31.04 1.71 0.00	29.25 1.64 0.00	34.56 2.05 0.00	35.40 2.09 0.00	37.66 2.01 0.00	38.56 2.02 0.00	42.19 2.24 0.00	43.41 2.25 0.00	43.77 2.43 0.00	56.37 3.00 0.00	56.15 2.82 0.00	43.31 1.99 0.00	41.07 1.95 0.00	40.78 2.06 0.00	40.97 1.94 0.00	32.65 1.64 0.00
FALCON____SEABRD_CC1 323796	21.68 1.00 5.10	10.70 0.99 15.78	24.96 1.25 7.47	31.36 1.30 0.07	31.26 1.35 0.00	31.47 1.26 0.19	35.67 1.69 0.12	38.06 1.52 0.00	30.32 0.99 0.00	28.34 0.74 0.00	32.95 0.44 0.00	30.91 0.22 2.61	36.13 0.48 0.00	34.55 0.50 2.49	40.60 0.66 0.00	41.50 0.46 0.12	41.02 -0.31 0.00	53.07 -0.30 0.00	53.23 -0.10 0.00	41.80 0.48 0.00	39.58 0.46 0.00	39.01 0.29 0.00	39.82 0.79 0.00	31.24 0.22 0.00

FALCON___SEABRD_CC2 323797	21.68 1.00 5.10	10.70 0.99 15.78	24.96 1.25 7.47	31.36 1.30 0.07	31.26 1.35 0.00	31.47 1.26 0.19	35.67 1.69 0.12	38.06 1.52 0.00	30.32 0.99 0.00	28.34 0.74 0.00	32.95 0.44 0.00	30.91 0.22 2.61	36.13 0.48 0.00	34.55 0.50 2.49	40.60 0.66 0.00	41.50 0.46 0.12	41.02 -0.31 0.00	53.07 -0.30 0.00	53.23 -0.10 0.00	41.80 0.48 0.00	39.58 0.46 0.00	39.01 0.29 0.00	39.82 0.79 0.00	31.24 0.22 0.00
FAR ROCKAWAY___4 23548	28.28 2.49 0.00	27.85 2.23 -0.12	33.91 2.73 0.00	32.80 2.68 0.00	40.30 2.60 -7.79	33.16 2.77 0.00	37.26 3.16 0.00	41.31 3.60 -1.18	32.12 2.79 0.00	30.40 2.74 -0.05	40.94 3.58 -4.85	38.88 3.68 -1.89	39.11 3.46 0.00	39.93 3.39 0.00	43.56 3.62 0.00	44.42 3.26 0.00	44.92 3.58 0.00	57.72 4.36 0.00	57.15 3.81 0.00	44.23 2.92 0.00	41.84 2.72 0.00	41.61 2.89 0.00	42.16 3.13 0.00	33.77 2.75 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.83 2.05 0.00	27.23 1.74 0.00	33.19 2.01 0.00	32.12 2.00 0.00	31.82 1.91 0.00	32.47 2.07 0.00	36.53 2.43 0.00	39.35 2.81 0.00	31.63 2.30 0.00	29.82 2.21 0.00	35.35 2.85 0.00	36.21 2.90 0.00	38.35 2.70 0.00	39.21 2.67 0.00	42.87 2.93 0.00	44.09 2.93 0.00	44.46 3.13 0.00	57.19 3.82 0.00	56.83 3.50 0.00	43.76 2.44 0.00	41.57 2.44 0.00	41.40 2.67 0.00	41.64 2.60 0.00	33.29 2.28 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.86 2.07 0.00	27.26 1.76 0.00	33.22 2.04 0.00	32.15 2.02 0.00	31.85 1.95 0.00	32.49 2.10 0.00	36.56 2.46 0.00	39.37 2.84 0.00	31.65 2.32 0.00	29.83 2.22 0.00	35.37 2.87 0.00	36.24 2.93 0.00	38.37 2.72 0.00	39.23 2.69 0.00	42.90 2.96 0.00	44.12 2.96 0.00	44.49 3.16 0.00	57.23 3.87 0.00	56.87 3.53 0.00	43.80 2.48 0.00	41.61 2.48 0.00	41.44 2.71 0.00	41.68 2.64 0.00	33.32 2.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.80 2.02 0.00	27.19 1.70 0.00	33.14 1.96 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.57 2.24 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.14 2.83 0.00	38.27 2.62 0.00	39.12 2.58 0.00	42.78 2.84 0.00	44.00 2.84 0.00	44.37 3.04 0.00	57.07 3.71 0.00	56.71 3.37 0.00	43.67 2.36 0.00	41.49 2.37 0.00	41.32 2.60 0.00	41.57 2.53 0.00	33.24 2.23 0.00
FARRAGUT___LBMP 323566	27.79 2.01 0.00	27.19 1.70 0.00	33.14 1.96 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.57 2.24 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.14 2.83 0.00	38.27 2.62 0.00	39.12 2.58 0.00	42.78 2.84 0.00	44.00 2.84 0.00	44.37 3.04 0.00	57.07 3.71 0.00	56.71 3.37 0.00	43.67 2.36 0.00	41.49 2.37 0.00	41.32 2.60 0.00	41.57 2.53 0.00	33.24 2.23 0.00
FENNER___WINDPWR 24204	24.12 0.62 2.28	18.60 0.56 7.44	28.73 0.64 3.08	30.72 0.60 0.01	30.60 0.58 -0.12	31.48 0.68 -0.41	35.62 0.80 -0.70	38.31 0.85 -0.93	30.47 0.74 -0.40	28.68 0.77 -0.31	34.12 0.93 -0.68	33.83 1.03 0.51	37.62 1.04 -0.92	36.53 1.11 1.12	42.55 1.36 -1.25	43.88 1.43 -1.29	44.17 1.48 -1.36	57.65 2.03 -2.25	57.64 2.06 -2.25	44.35 1.67 -1.36	41.95 1.64 -1.19	41.42 1.55 -1.14	41.52 1.39 -1.10	32.47 0.89 -0.57
FIBERTEK___ENERGY 23856	24.72 -0.01 1.05	21.29 -0.06 4.15	30.14 -0.10 0.93	30.00 -0.16 -0.03	30.01 -0.17 -0.28	31.44 -0.07 -1.12	35.79 -0.07 -1.76	38.59 -0.11 -2.17	30.24 -0.03 -0.94	28.38 0.04 -0.73	34.28 0.19 -1.59	34.61 0.30 -1.00	38.17 0.36 -2.16	36.42 0.40 0.52	43.45 0.59 -2.92	44.94 0.68 -3.11	45.26 0.75 -3.18	59.64 1.02 -5.26	59.60 1.02 -5.25	45.26 0.77 -3.17	42.57 0.67 -2.78	41.95 0.56 -2.67	42.08 0.48 -2.57	32.56 0.23 -1.33
FITZPATRICK____ 23598	22.55 -0.76 2.48	22.45 -0.77 2.28	22.92 -0.98 7.28	28.89 -0.97 0.27	27.25 -0.99 1.67	22.42 -0.94 7.03	22.28 -1.05 10.78	22.32 -1.17 13.05	22.78 -0.88 5.66	22.44 -0.79 4.37	22.09 -0.85 9.57	21.97 -0.79 10.55	21.81 -0.81 13.03	34.56 -0.81 1.16	21.55 -0.80 17.59	21.44 -0.79 18.93	21.42 -0.78 19.13	20.73 -0.98 31.66	20.75 -1.00 31.58	21.46 -0.76 19.09	21.67 -0.76 16.69	21.86 -0.80 16.06	22.75 -0.84 15.45	22.27 -0.75 7.99
FLOWRFLD_69_KV_BK1 356044	27.89 2.11 0.00	27.60 1.98 -0.12	33.79 2.62 0.00	32.74 2.62 0.00	40.30 2.61 -7.79	33.16 2.76 0.00	37.18 3.08 0.00	41.34 3.63 -1.18	32.02 2.69 0.00	30.29 2.64 -0.05	118.37 3.57 -82.29	74.18 3.58 -37.29	38.81 3.16 0.00	39.44 2.89 0.00	42.94 3.00 0.00	44.17 3.01 0.00	44.57 3.26 0.02	71.33 4.18 -13.79	91.68 3.85 -34.49	43.92 2.60 -0.01	41.58 2.46 0.00	41.29 2.57 0.00	41.62 2.59 0.00	33.37 2.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.74 1.96 0.00	27.19 1.70 0.00	33.17 1.99 0.00	32.07 1.95 0.00	31.75 1.84 0.00	32.39 1.99 0.00	36.41 2.31 0.00	39.20 2.66 0.00	31.53 2.19 0.00	29.74 2.13 0.00	35.20 2.70 0.00	36.10 2.79 0.00	38.46 2.81 0.00	39.43 2.89 0.00	43.16 3.21 0.00	44.49 3.33 0.00	44.87 3.54 0.00	57.77 4.41 0.00	57.55 4.21 0.00	44.37 3.05 0.00	42.04 2.92 0.00	41.68 2.96 0.00	41.82 2.79 0.00	33.27 2.25 0.00
FORT ORANGE____ 23900	26.42 0.63 0.00	26.10 0.61 0.00	31.98 0.80 0.00	30.92 0.79 0.00	30.63 0.73 0.00	31.16 0.77 0.00	34.94 0.84 0.00	37.52 0.98 0.00	30.11 0.78 0.00	28.31 0.71 0.00	33.12 0.61 0.00	33.91 0.60 0.00	36.19 0.54 0.00	37.24 0.70 0.00	40.71 0.77 0.00	41.82 0.66 0.00	42.06 0.73 0.00	54.48 1.11 0.00	54.50 1.16 0.00	42.28 0.96 0.00	40.10 0.98 0.00	39.64 0.92 0.00	39.77 0.74 0.00	31.64 0.63 0.00
FORT_DRUM_COGEN 23780	8.92 -0.24 16.63	-27.05 -0.30 52.24	7.00 -0.39 23.79	29.56 -0.39 0.18	29.86 -0.30 -0.25	30.48 -0.35 -0.43	35.00 -0.32 -1.20	38.19 -0.30 -1.95	30.06 -0.12 -0.85	28.24 -0.02 -0.66	33.86 -0.07 -1.43	26.16 -0.02 7.13	37.77 0.17 -1.95	28.32 -0.09 8.12	42.09 -0.49 -2.64	43.00 -0.59 -2.42	43.71 -0.49 -2.87	57.62 -0.49 -4.74	57.96 -0.11 -4.74	44.48 0.30 -2.86	42.22 0.59 -2.50	41.93 0.80 -2.41	41.92 0.57 -2.32	32.35 0.14 -1.20
FOX_HILLS___ESR 323835	27.85 2.07 0.00	27.26 1.76 0.00	33.20 2.02 0.00	32.11 1.99 0.00	31.82 1.91 0.00	32.48 2.09 0.00	36.55 2.45 0.00	39.40 2.86 0.00	31.66 2.33 0.00	29.82 2.21 0.00	35.36 2.85 0.00	36.18 2.88 0.00	38.33 2.68 0.00	39.22 2.68 -0.01	42.87 2.93 0.00	44.02 2.86 0.00	44.41 3.08 0.00	57.12 3.76 0.00	56.62 3.28 0.00	43.71 2.39 0.00	41.55 2.42 0.00	41.44 2.71 0.00	41.66 2.62 0.00	33.36 2.34 0.00
FPL FAR_ROCK_GT1 24212	28.28 2.49 0.00	27.85 2.24 -0.12	33.91 2.73 0.00	32.81 2.68 0.00	40.30 2.60 -7.79	33.16 2.77 0.00	37.26 3.16 0.00	41.31 3.60 -1.18	32.12 2.79 0.00	30.40 2.74 -0.05	40.93 3.58 -4.85	38.86 3.67 -1.89	39.11 3.46 0.00	39.93 3.39 0.00	43.57 3.63 0.00	44.42 3.26 0.00	44.92 3.59 0.00	57.73 4.36 0.00	57.15 3.81 0.00	44.23 2.91 0.00	41.83 2.71 0.00	41.61 2.89 0.00	42.16 3.13 0.00	33.77 2.76 0.00

FPL FAR_ROCK_GT2 23815	28.28 2.49 0.00	27.85 2.24 -0.12	33.91 2.73 0.00	32.81 2.68 0.00	40.30 2.60 -7.79	33.16 2.77 0.00	37.26 3.16 0.00	41.31 3.60 -1.18	32.12 2.79 0.00	30.40 2.74 -0.05	40.93 3.58 -4.85	38.86 3.67 -1.89	39.11 3.46 0.00	39.93 3.39 0.00	43.57 3.63 0.00	44.42 3.26 0.00	44.92 3.59 0.00	57.73 4.36 0.00	57.15 3.81 0.00	44.23 2.91 0.00	41.83 2.71 0.00	41.61 2.89 0.00	42.16 3.13 0.00	33.77 2.76 0.00
FRANKLIN_FALL_HYD 24054	3.06 0.08 22.80	-44.92 0.13 70.54	-2.05 0.15 33.38	30.03 0.19 0.29	30.27 0.36 0.00	29.67 0.12 0.84	33.84 0.29 0.55	36.77 0.23 0.01	29.43 0.10 0.00	27.57 -0.04 0.00	32.28 -0.22 0.01	21.28 -0.35 11.68	35.49 -0.15 0.00	25.17 -0.24 11.13	39.58 -0.37 0.00	40.17 -0.43 0.56	40.44 -0.89 0.00	52.41 -0.96 0.00	52.49 -0.84 0.00	40.97 -0.35 0.00	38.84 -0.28 0.00	38.45 -0.28 0.00	38.86 -0.17 0.00	30.61 -0.40 0.00
FREEPORT_EQUS_GT1 23764	27.96 2.18 0.00	27.60 1.99 -0.12	33.63 2.45 0.00	32.56 2.43 0.00	40.08 2.39 -7.79	32.92 2.52 0.00	36.97 2.87 0.00	41.02 3.31 -1.18	31.87 2.54 0.00	30.15 2.49 -0.05	40.66 3.30 -4.85	38.54 3.35 -1.89	38.70 3.05 0.00	39.42 2.88 0.00	42.87 2.93 0.00	43.86 2.70 0.00	44.26 3.09 0.17	57.04 3.85 0.18	56.91 3.57 0.00	43.86 2.54 0.00	41.65 2.53 0.00	41.41 2.69 0.00	41.72 2.69 0.00	33.40 2.39 0.00
FREEPORT___CT2 23818	27.96 2.18 0.00	27.60 1.99 -0.12	33.63 2.45 0.00	32.56 2.43 0.00	40.08 2.39 -7.79	32.92 2.52 0.00	36.97 2.87 0.00	41.02 3.31 -1.18	31.87 2.54 0.00	30.15 2.49 -0.05	40.66 3.30 -4.85	38.54 3.35 -1.89	38.70 3.05 0.00	39.42 2.88 0.00	42.87 2.93 0.00	43.86 2.70 0.00	44.26 3.09 0.17	57.04 3.85 0.18	56.91 3.57 0.00	43.86 2.54 0.00	41.65 2.53 0.00	41.41 2.69 0.00	41.72 2.69 0.00	33.40 2.39 0.00
FRESHKLS_33_KV_LOAD 356253	27.80 2.02 0.00	27.21 1.71 0.00	33.15 1.98 0.00	32.07 1.95 0.00	31.78 1.88 0.00	32.44 2.05 0.00	36.52 2.42 0.00	39.37 2.83 0.00	31.63 2.30 0.00	29.77 2.17 0.00	35.30 2.80 0.00	36.14 2.83 0.00	38.30 2.65 0.00	39.23 2.69 -0.01	41.23 2.81 1.53	43.92 2.78 0.02	44.40 3.07 0.00	57.09 3.72 0.00	56.55 3.21 0.00	43.68 2.37 0.00	41.55 2.43 0.00	41.40 2.68 0.00	41.59 2.56 0.00	33.32 2.30 0.00
FULTON COGEN____ 23766	24.03 -0.46 1.29	19.17 -0.49 5.83	29.90 -0.64 0.63	29.54 -0.65 -0.06	29.79 -0.68 -0.57	32.11 -0.61 -2.33	37.08 -0.66 -3.64	40.25 -0.76 -4.47	30.73 -0.54 -1.94	28.63 -0.48 -1.50	35.33 -0.45 -3.28	35.48 -0.35 -2.52	39.75 -0.36 -4.46	35.51 -0.38 0.65	45.70 -0.27 -6.03	47.36 -0.24 -6.44	47.64 -0.25 -6.56	63.97 -0.24 -10.85	63.96 -0.21 -10.82	47.75 -0.11 -6.54	44.70 -0.14 -5.72	44.02 -0.20 -5.50	44.08 -0.24 -5.29	33.45 -0.30 -2.74
FULTON___LFGE 323630	28.97 3.18 0.00	28.51 3.01 0.00	34.73 3.55 0.00	33.50 3.37 0.00	33.22 3.32 0.00	33.98 3.58 0.00	38.16 4.06 0.00	39.13 2.59 0.00	31.46 2.13 0.00	28.84 1.24 0.00	32.91 0.41 0.00	34.06 0.75 0.00	37.48 1.83 0.00	38.98 2.44 0.00	41.71 1.76 0.00	44.32 3.16 0.00	44.85 3.52 0.00	58.44 5.08 0.00	60.91 7.57 0.00	47.70 6.39 0.00	45.29 6.17 0.00	44.67 5.95 0.00	44.82 5.79 0.00	35.30 4.29 0.00
G.F.CEMENT___DRP 24184	27.14 1.35 0.00	26.86 1.37 0.00	33.03 1.85 0.00	31.93 1.80 0.00	31.68 1.78 0.00	32.20 1.81 0.00	36.20 2.09 0.00	38.86 2.32 0.00	31.11 1.77 0.00	29.17 1.57 0.00	34.04 1.54 0.00	34.97 1.67 0.00	37.33 1.68 0.00	38.54 2.00 0.00	42.13 2.18 0.00	43.57 2.41 0.00	43.89 2.55 0.00	56.83 3.46 0.00	57.37 4.03 0.00	44.54 3.22 0.00	42.28 3.16 0.00	41.50 2.78 0.00	41.79 2.76 0.00	33.01 2.00 0.00
GARDENVILLE___LBMP 24039	25.44 -0.34 0.00	25.10 -0.39 0.00	30.48 -0.70 0.00	29.31 -0.81 0.00	28.85 -1.05 0.00	29.59 -0.80 0.00	33.14 -0.96 0.00	35.10 -1.44 0.00	28.56 -0.78 0.00	27.13 -0.47 0.00	32.35 -0.15 0.00	33.52 0.21 0.00	36.31 0.66 0.00	37.50 0.96 0.00	41.49 1.55 0.00	42.95 1.79 0.00	42.87 1.54 0.00	55.31 1.94 0.00	54.79 1.45 0.00	42.44 1.13 0.00	39.83 0.71 0.00	39.33 0.61 0.00	39.91 0.87 0.00	31.46 0.45 0.00
GARDNVLA_35_KV_LD 355827	25.54 -0.25 0.00	25.21 -0.29 0.00	30.59 -0.59 0.00	29.42 -0.70 0.00	28.95 -0.96 0.00	29.67 -0.72 0.00	33.24 -0.87 0.00	35.22 -1.32 0.00	28.66 -0.67 0.00	27.26 -0.35 0.00	32.50 0.00 0.00	33.70 0.39 0.00	36.52 0.87 0.00	37.74 1.20 0.00	41.77 1.83 0.00	43.24 2.09 0.00	43.17 1.83 0.00	55.71 2.35 0.00	55.20 1.86 0.00	42.75 1.43 0.00	40.10 0.97 0.00	39.58 0.85 0.00	40.15 1.11 0.00	31.63 0.62 0.00
GELCKHM___115KV_LOAD 80723	24.24 -0.21 1.34	20.51 -0.25 4.73	29.26 -0.35 1.56	29.76 -0.37 -0.01	29.68 -0.41 -0.18	30.78 -0.32 -0.71	34.89 -0.35 -1.14	37.55 -0.41 -1.42	29.68 -0.27 -0.62	27.91 -0.17 -0.48	33.48 -0.07 -1.04	33.65 0.02 -0.32	37.13 0.06 -1.42	35.99 0.11 0.66	42.11 0.25 -1.91	43.51 0.33 -2.02	43.79 0.37 -2.08	57.33 0.52 -3.45	57.28 0.50 -3.44	43.79 0.39 -2.08	41.23 0.30 -1.82	40.67 0.20 -1.75	40.85 0.14 -1.68	31.86 -0.02 -0.87
GENERAL___MILLS 23808	25.48 -0.30 0.00	25.15 -0.34 0.00	30.54 -0.64 0.00	29.37 -0.75 0.00	28.91 -1.00 0.00	29.63 -0.76 0.00	33.18 -0.92 0.00	35.15 -1.39 0.00	28.60 -0.73 0.00	27.19 -0.42 0.00	32.42 -0.09 0.00	33.60 0.29 0.00	36.40 0.75 0.00	37.61 1.07 0.00	41.62 1.68 0.00	43.08 1.92 0.00	43.00 1.67 0.00	55.49 2.12 0.00	54.96 1.62 0.00	42.58 1.27 0.00	39.95 0.83 0.00	39.45 0.73 0.00	40.02 0.99 0.00	31.55 0.53 0.00
GE_PLASTICS___DRP 24183	26.40 0.62 0.00	26.12 0.62 0.00	32.00 0.82 0.00	30.95 0.83 0.00	30.68 0.77 0.00	31.21 0.82 0.00	34.97 0.87 0.00	37.53 0.99 0.00	30.12 0.78 0.00	28.32 0.72 0.00	33.19 0.69 0.00	33.85 0.54 0.00	36.07 0.43 0.00	37.06 0.52 0.00	40.53 0.58 0.00	41.67 0.51 0.00	41.92 0.59 0.00	54.17 0.80 0.00	54.16 0.82 0.00	41.97 0.65 0.00	39.78 0.66 0.00	39.36 0.63 0.00	39.59 0.56 0.00	31.63 0.61 0.00
GILBOA___1 23756	26.63 0.85 0.00	26.35 0.86 0.00	32.43 1.26 0.00	31.36 1.23 0.00	31.07 1.16 0.00	31.63 1.23 0.00	35.25 1.14 0.00	37.70 1.16 0.00	30.18 0.85 0.00	28.41 0.81 0.00	33.47 0.96 0.00	34.30 0.99 0.00	36.63 0.98 0.00	37.57 1.03 0.00	41.12 1.18 0.00	42.33 1.17 0.00	42.53 1.20 0.00	54.82 1.45 0.00	54.71 1.37 0.00	42.42 1.10 0.00	40.23 1.11 0.00	39.84 1.12 0.00	40.04 1.01 0.00	31.83 0.82 0.00
GILBOA___2 23757	26.63 0.85 0.00	26.35 0.86 0.00	32.43 1.26 0.00	31.36 1.23 0.00	31.07 1.16 0.00	31.63 1.23 0.00	35.25 1.14 0.00	37.70 1.16 0.00	30.18 0.85 0.00	28.41 0.81 0.00	33.47 0.96 0.00	34.30 0.99 0.00	36.63 0.98 0.00	37.57 1.03 0.00	41.12 1.18 0.00	42.33 1.17 0.00	42.53 1.20 0.00	54.82 1.45 0.00	54.71 1.37 0.00	42.42 1.10 0.00	40.23 1.11 0.00	39.84 1.12 0.00	40.04 1.01 0.00	31.83 0.82 0.00

GILBOA___3 23758	26.63 0.85 0.00	26.35 0.86 0.00	32.43 1.26 0.00	31.36 1.23 0.00	31.07 1.16 0.00	31.63 1.23 0.00	35.25 1.14 0.00	37.70 1.16 0.00	30.18 0.85 0.00	28.41 0.81 0.00	33.47 0.96 0.00	34.30 0.99 0.00	36.63 0.98 0.00	37.57 1.03 0.00	41.12 1.18 0.00	42.33 1.17 0.00	42.53 1.20 0.00	54.82 1.45 0.00	54.71 1.37 0.00	42.42 1.10 0.00	40.23 1.11 0.00	39.84 1.12 0.00	40.04 1.01 0.00	31.83 0.82 0.00
GILBOA___4 23759	26.63 0.85 0.00	26.35 0.86 0.00	32.43 1.26 0.00	31.36 1.23 0.00	31.07 1.16 0.00	31.63 1.23 0.00	35.25 1.14 0.00	37.70 1.16 0.00	30.18 0.85 0.00	28.41 0.81 0.00	33.47 0.96 0.00	34.30 0.99 0.00	36.63 0.98 0.00	37.57 1.03 0.00	41.12 1.18 0.00	42.33 1.17 0.00	42.53 1.20 0.00	54.82 1.45 0.00	54.71 1.37 0.00	42.42 1.10 0.00	40.23 1.11 0.00	39.84 1.12 0.00	40.04 1.01 0.00	31.83 0.82 0.00
GILBOA___ 23599	26.63 0.85 0.00	26.35 0.86 0.00	32.43 1.25 0.00	31.36 1.23 0.00	31.07 1.16 0.00	31.63 1.23 0.00	35.24 1.14 0.00	37.70 1.16 0.00	30.18 0.85 0.00	28.41 0.81 0.00	33.47 0.97 0.00	34.30 0.99 0.00	36.63 0.98 0.00	37.58 1.04 0.00	41.12 1.18 0.00	42.33 1.17 0.00	42.53 1.20 0.00	54.82 1.45 0.00	54.71 1.37 0.00	42.42 1.11 0.00	40.23 1.11 0.00	39.84 1.12 0.00	40.04 1.01 0.00	31.84 0.82 0.00
GINNA___ 23603	24.61 -1.17 0.00	24.28 -1.22 0.00	29.56 -1.62 0.00	28.47 -1.65 0.00	28.14 -1.77 0.00	28.78 -1.61 0.00	32.29 -1.81 0.00	34.42 -2.12 0.00	27.83 -1.50 0.00	26.35 -1.25 0.00	31.30 -1.21 0.00	32.42 -0.89 0.00	34.99 -0.65 0.00	36.03 -0.51 0.00	39.67 -0.27 0.00	40.99 -0.17 0.00	41.05 -0.29 0.00	53.09 -0.28 0.00	52.96 -0.38 0.00	41.01 -0.31 0.00	38.53 -0.59 0.00	38.00 -0.72 0.00	38.32 -0.72 0.00	30.21 -0.80 0.00
GLEN PARK___ 23778	9.85 -0.20 15.73	-24.29 -0.26 49.52	8.37 -0.35 22.45	29.60 -0.37 0.16	29.89 -0.28 -0.26	30.60 -0.31 -0.51	35.16 -0.25 -1.31	38.36 -0.23 -2.05	30.17 -0.05 -0.89	28.34 0.05 -0.69	34.03 0.02 -1.50	26.80 0.09 6.60	38.04 0.33 -2.05	28.88 0.02 7.69	42.27 -0.44 -2.78	43.16 -0.59 -2.59	43.88 -0.47 -3.02	57.90 -0.46 -4.99	58.26 -0.06 -4.98	44.71 0.39 -3.01	42.48 0.73 -2.63	42.24 0.98 -2.53	42.21 0.74 -2.44	32.51 0.24 -1.26
GLENDALE_27_KV_LOAD 356172	28.00 2.21 0.00	27.39 1.89 0.00	33.35 2.17 0.00	32.26 2.14 0.00	31.96 2.06 0.00	32.63 2.24 0.00	36.74 2.64 0.00	39.60 3.07 0.00	31.81 2.47 0.00	29.96 2.36 0.00	35.54 3.04 0.00	36.36 3.06 0.00	38.47 2.82 0.00	39.33 2.79 0.00	43.00 3.06 0.00	44.21 3.05 0.00	44.61 3.28 0.00	57.35 3.99 0.00	56.94 3.60 0.00	43.88 2.56 0.00	41.69 2.57 0.00	41.64 2.92 0.00	41.90 2.86 0.00	33.52 2.51 0.00
GLENWOOD_IC_1_G5 23712	27.97 2.19 0.00	27.59 1.98 -0.12	33.60 2.42 0.00	32.53 2.40 0.00	40.03 2.34 -7.79	32.88 2.49 0.00	36.94 2.84 0.00	40.99 3.28 -1.18	31.89 2.56 0.00	30.16 2.51 -0.05	40.68 3.33 -4.85	38.58 3.38 -1.89	38.51 2.86 0.00	39.26 2.73 0.00	42.86 2.91 0.00	43.99 2.84 0.00	44.46 3.18 0.05	57.27 3.97 0.06	56.95 3.61 0.00	43.76 2.44 0.00	41.45 2.33 0.00	41.24 2.52 0.00	41.78 2.75 0.00	33.40 2.39 0.00
GLENWOOD_IC_2_G1 23688	27.90 2.11 0.00	27.52 1.90 -0.12	33.51 2.33 0.00	32.44 2.31 0.00	39.94 2.25 -7.79	32.80 2.40 0.00	36.84 2.73 0.00	40.88 3.16 -1.18	31.79 2.45 0.00	30.05 2.40 -0.05	40.53 3.18 -4.85	38.43 3.23 -1.89	38.55 2.91 0.00	39.32 2.78 0.00	42.92 2.98 0.00	44.06 2.90 0.00	44.54 3.22 0.02	57.35 4.00 0.02	57.00 3.66 0.00	43.82 2.50 0.00	41.52 2.40 0.00	41.29 2.57 0.00	41.65 2.62 0.00	33.31 2.30 0.00
GLENWOOD_IC_3_G1 23689	27.90 2.11 0.00	27.52 1.90 -0.12	33.51 2.33 0.00	32.44 2.31 0.00	39.94 2.25 -7.79	32.80 2.40 0.00	36.84 2.73 0.00	40.88 3.16 -1.18	31.79 2.45 0.00	30.05 2.40 -0.05	40.53 3.18 -4.85	38.43 3.23 -1.89	38.55 2.91 0.00	39.32 2.78 0.00	42.92 2.98 0.00	44.06 2.90 0.00	44.54 3.22 0.02	57.35 4.00 0.02	57.00 3.66 0.00	43.82 2.50 0.00	41.52 2.40 0.00	41.29 2.57 0.00	41.65 2.62 0.00	33.31 2.30 0.00
GLENWOOD___4 23550	27.97 2.19 0.00	27.59 1.98 -0.12	33.60 2.42 0.00	32.53 2.40 0.00	40.03 2.34 -7.79	32.88 2.49 0.00	36.94 2.84 0.00	40.99 3.28 -1.18	31.89 2.56 0.00	30.16 2.51 -0.05	40.68 3.33 -4.85	38.58 3.39 -1.89	38.59 2.95 0.00	39.36 2.82 0.00	42.96 3.01 0.00	44.10 2.94 0.00	44.57 3.29 0.05	57.42 4.11 0.06	57.08 3.74 0.00	43.86 2.55 0.00	41.55 2.43 0.00	41.33 2.60 0.00	41.78 2.75 0.00	33.40 2.39 0.00
GLENWOOD___5 23614	27.97 2.19 0.00	27.59 1.98 -0.12	33.60 2.42 0.00	32.53 2.40 0.00	40.03 2.34 -7.79	32.88 2.49 0.00	36.94 2.84 0.00	40.99 3.28 -1.18	31.89 2.56 0.00	30.16 2.51 -0.05	40.68 3.33 -4.85	38.58 3.39 -1.89	38.59 2.95 0.00	39.36 2.82 0.00	42.96 3.01 0.00	44.10 2.94 0.00	44.57 3.29 0.05	57.42 4.11 0.06	57.08 3.74 0.00	43.86 2.55 0.00	41.55 2.43 0.00	41.33 2.60 0.00	41.78 2.75 0.00	33.40 2.39 0.00
GLOBAL GREEN_PORT_GT1 23814	28.11 2.33 0.00	28.10 2.48 -0.12	34.48 3.30 0.00	33.21 3.09 0.00	41.30 3.61 -7.79	34.49 4.10 0.00	38.47 4.36 0.00	42.54 4.82 -1.18	32.90 3.56 0.00	31.22 3.57 -0.05	100.05 4.76 -62.78	66.77 4.54 -28.92	39.79 4.15 0.00	40.09 3.55 0.00	43.28 3.34 0.00	44.58 3.42 0.00	45.09 3.78 0.02	68.49 4.82 -10.31	82.56 4.27 -24.96	43.99 2.66 0.00	42.40 3.28 0.00	42.06 3.34 0.00	42.30 3.26 0.00	33.88 2.87 0.00
GLOBE___DSASP 323697	24.58 -1.20 0.00	24.37 -1.12 0.00	29.58 -1.60 0.00	28.44 -1.69 0.00	27.96 -1.94 0.00	28.68 -1.71 0.00	32.03 -2.08 0.00	33.82 -2.72 0.00	27.54 -1.79 0.00	26.14 -1.47 0.00	31.08 -1.43 0.00	32.21 -1.10 0.00	34.97 -0.67 0.00	36.13 -0.41 0.00	39.82 -0.12 0.00	41.04 -0.12 0.00	40.84 -0.49 0.00	52.66 -0.70 0.00	52.22 -1.11 0.00	40.47 -0.85 0.00	38.02 -1.10 0.00	37.63 -1.09 0.00	38.27 -0.76 0.00	30.24 -0.77 0.00
GOETHSLN___LBMP 323567	27.70 1.92 0.00	27.09 1.60 0.00	32.98 1.81 0.00	31.93 1.80 0.00	31.64 1.73 0.00	32.28 1.89 0.00	36.29 2.19 0.00	39.07 2.54 0.00	31.42 2.08 0.00	29.61 2.00 0.00	35.09 2.59 0.00	35.95 2.64 0.00	38.09 2.44 0.00	38.95 2.40 0.00	41.55 2.60 0.99	43.75 2.59 0.00	44.13 2.80 0.00	56.70 3.33 0.00	55.29 3.02 1.07	43.10 2.11 0.32	41.31 2.19 0.00	41.11 2.39 0.00	41.34 2.31 0.00	33.08 2.07 0.00
GOLAH___69_KV_TB 1_2 80279	25.82 0.04 0.00	25.49 -0.01 0.00	30.99 -0.19 0.00	29.83 -0.30 0.00	29.44 -0.47 0.00	30.14 -0.25 0.00	33.79 -0.32 0.00	35.93 -0.60 0.00	29.10 -0.23 0.00	27.55 -0.05 0.00	32.72 0.21 0.00	33.89 0.58 0.00	36.69 1.04 0.00	37.81 1.27 0.00	41.69 1.75 0.00	43.13 1.97 0.00	43.15 1.82 0.00	55.76 2.40 0.00	55.50 2.16 0.00	43.05 1.74 0.00	40.49 1.37 0.00	39.95 1.23 0.00	40.35 1.32 0.00	31.81 0.80 0.00

GOODYEAR_LAKE_HYD 323669	27.01 1.22 0.00	26.61 1.11 0.00	32.54 1.36 0.00	31.41 1.28 0.00	31.15 1.24 0.00	31.80 1.40 0.00	35.67 1.56 0.00	38.17 1.63 0.00	30.63 1.30 0.00	28.88 1.27 0.00	34.19 1.68 0.00	35.12 1.81 0.00	37.60 1.96 0.00	38.54 2.00 0.00	42.17 2.23 0.00	43.56 2.40 0.00	43.81 2.48 0.00	56.59 3.23 0.00	56.45 3.11 0.00	43.71 2.39 0.00	41.35 2.23 0.00	40.89 2.17 0.00	41.13 2.09 0.00	32.53 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.24 0.29 -0.16	25.82 0.18 -0.15	31.83 0.16 -0.48	30.26 0.11 -0.02	30.07 0.05 -0.11	31.05 0.18 -0.47	35.07 0.25 -0.72	37.55 0.15 -0.87	29.92 0.22 -0.38	28.21 0.31 -0.29	33.71 0.57 -0.64	34.73 0.71 -0.70	37.32 0.81 -0.87	37.48 0.87 -0.08	42.31 1.20 -1.17	43.76 1.34 -1.26	44.03 1.43 -1.27	57.24 1.76 -2.11	56.95 1.52 -2.08	43.77 1.20 -1.25	41.29 1.08 -1.09	40.70 0.92 -1.05	41.01 0.97 -1.01	32.11 0.58 -0.52
GOUDEY___7 23579	26.26 0.31 -0.16	25.85 0.20 -0.15	31.85 0.19 -0.48	30.28 0.14 -0.02	30.09 0.08 -0.11	31.07 0.20 -0.47	35.10 0.28 -0.72	37.59 0.18 -0.87	29.96 0.25 -0.38	28.24 0.34 -0.29	33.75 0.60 -0.64	34.76 0.75 -0.70	37.36 0.85 -0.87	37.53 0.92 -0.08	42.37 1.26 -1.17	43.81 1.40 -1.26	44.09 1.48 -1.27	57.32 1.85 -2.11	57.01 1.59 -2.08	43.82 1.25 -1.25	41.34 1.13 -1.09	40.75 0.97 -1.05	41.05 1.01 -1.01	32.14 0.61 -0.52
GOUDEY___8 23580	26.24 0.29 -0.16	25.82 0.18 -0.15	31.83 0.16 -0.48	30.26 0.11 -0.02	30.07 0.05 -0.11	31.05 0.18 -0.47	35.07 0.25 -0.72	37.55 0.15 -0.87	29.92 0.22 -0.38	28.21 0.31 -0.29	33.71 0.57 -0.64	34.73 0.71 -0.70	37.32 0.81 -0.87	37.48 0.87 -0.08	42.31 1.20 -1.17	43.76 1.34 -1.26	44.03 1.43 -1.27	57.24 1.76 -2.11	56.95 1.52 -2.08	43.77 1.20 -1.25	41.29 1.08 -1.09	40.70 0.92 -1.05	41.01 0.97 -1.01	32.11 0.58 -0.52
GOWANUS_GT1_1 24077	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT1_2 24078	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT1_3 24079	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT1_4 24080	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT1_5 24084	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT1_6 24111	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT1_7 24112	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT1_8 24113	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT2_1 24114	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
GOWANUS_GT2_2 24115	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
GOWANUS_GT2_3 24116	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00

GOWANUS_GT2_4 24117	27.94 <u>2.16</u> 0.00	27.34 <u>1.85</u> 0.00	33.30 <u>2.12</u> 0.00	32.19 <u>2.06</u> 0.00	31.91 <u>2.00</u> 0.00	32.57 <u>2.17</u> 0.00	36.64 <u>2.54</u> 0.00	39.50 <u>2.96</u> 0.00	31.74 <u>2.41</u> 0.00	29.90 <u>2.29</u> 0.00	35.46 <u>2.95</u> 0.00	36.27 <u>2.96</u> 0.00	38.41 <u>2.77</u> 0.00	39.30 <u>2.76</u> -0.01	42.96 <u>3.02</u> 0.00	44.14 <u>2.98</u> 0.00	44.54 <u>3.21</u> 0.00	57.28 <u>3.92</u> 0.00	56.79 <u>3.46</u> 0.00	43.82 <u>2.51</u> 0.00	41.64 <u>2.51</u> 0.00	41.54 <u>2.82</u> 0.00	41.77 <u>2.74</u> 0.00	33.45 <u>2.43</u> 0.00
GOWANUS_GT2_5 24118	27.94 <u>2.16</u> 0.00	27.34 <u>1.85</u> 0.00	33.30 <u>2.12</u> 0.00	32.19 <u>2.06</u> 0.00	31.91 <u>2.00</u> 0.00	32.57 <u>2.17</u> 0.00	36.64 <u>2.54</u> 0.00	39.50 <u>2.96</u> 0.00	31.74 <u>2.41</u> 0.00	29.90 <u>2.29</u> 0.00	35.46 <u>2.95</u> 0.00	36.27 <u>2.96</u> 0.00	38.41 <u>2.77</u> 0.00	39.30 <u>2.76</u> -0.01	42.96 <u>3.02</u> 0.00	44.14 <u>2.98</u> 0.00	44.54 <u>3.21</u> 0.00	57.28 <u>3.92</u> 0.00	56.79 <u>3.46</u> 0.00	43.82 <u>2.51</u> 0.00	41.64 <u>2.51</u> 0.00	41.54 <u>2.82</u> 0.00	41.77 <u>2.74</u> 0.00	33.45 <u>2.43</u> 0.00
GOWANUS_GT2_6 24119	27.94 <u>2.16</u> 0.00	27.34 <u>1.85</u> 0.00	33.30 <u>2.12</u> 0.00	32.19 <u>2.06</u> 0.00	31.91 <u>2.00</u> 0.00	32.57 <u>2.17</u> 0.00	36.64 <u>2.54</u> 0.00	39.50 <u>2.96</u> 0.00	31.74 <u>2.41</u> 0.00	29.90 <u>2.29</u> 0.00	35.46 <u>2.95</u> 0.00	36.27 <u>2.96</u> 0.00	38.41 <u>2.77</u> 0.00	39.30 <u>2.76</u> -0.01	42.96 <u>3.02</u> 0.00	44.14 <u>2.98</u> 0.00	44.54 <u>3.21</u> 0.00	57.28 <u>3.92</u> 0.00	56.79 <u>3.46</u> 0.00	43.82 <u>2.51</u> 0.00	41.64 <u>2.51</u> 0.00	41.54 <u>2.82</u> 0.00	41.77 <u>2.74</u> 0.00	33.45 <u>2.43</u> 0.00
GOWANUS_GT2_7 24120	27.94 <u>2.16</u> 0.00	27.34 <u>1.85</u> 0.00	33.30 <u>2.12</u> 0.00	32.19 <u>2.06</u> 0.00	31.91 <u>2.00</u> 0.00	32.57 <u>2.17</u> 0.00	36.64 <u>2.54</u> 0.00	39.50 <u>2.96</u> 0.00	31.74 <u>2.41</u> 0.00	29.90 <u>2.29</u> 0.00	35.46 <u>2.95</u> 0.00	36.27 <u>2.96</u> 0.00	38.41 <u>2.77</u> 0.00	39.30 <u>2.76</u> -0.01	42.96 <u>3.02</u> 0.00	44.14 <u>2.98</u> 0.00	44.54 <u>3.21</u> 0.00	57.28 <u>3.92</u> 0.00	56.79 <u>3.46</u> 0.00	43.82 <u>2.51</u> 0.00	41.64 <u>2.51</u> 0.00	41.54 <u>2.82</u> 0.00	41.77 <u>2.74</u> 0.00	33.45 <u>2.43</u> 0.00
GOWANUS_GT2_8 24121	27.94 <u>2.16</u> 0.00	27.34 <u>1.85</u> 0.00	33.30 <u>2.12</u> 0.00	32.19 <u>2.06</u> 0.00	31.91 <u>2.00</u> 0.00	32.57 <u>2.17</u> 0.00	36.64 <u>2.54</u> 0.00	39.50 <u>2.96</u> 0.00	31.74 <u>2.41</u> 0.00	29.90 <u>2.29</u> 0.00	35.46 <u>2.95</u> 0.00	36.27 <u>2.96</u> 0.00	38.41 <u>2.77</u> 0.00	39.30 <u>2.76</u> -0.01	42.96 <u>3.02</u> 0.00	44.14 <u>2.98</u> 0.00	44.54 <u>3.21</u> 0.00	57.28 <u>3.92</u> 0.00	56.79 <u>3.46</u> 0.00	43.82 <u>2.51</u> 0.00	41.64 <u>2.51</u> 0.00	41.54 <u>2.82</u> 0.00	41.77 <u>2.74</u> 0.00	33.45 <u>2.43</u> 0.00
GOWANUS_GT3_1 24122	27.94 <u>2.16</u> 0.00	27.34 <u>1.85</u> 0.00	33.30 <u>2.12</u> 0.00	32.19 <u>2.06</u> 0.00	31.91 <u>2.00</u> 0.00	32.57 <u>2.17</u> 0.00	36.64 <u>2.54</u> 0.00	39.50 <u>2.96</u> 0.00	31.74 <u>2.41</u> 0.00	29.90 <u>2.29</u> 0.00	35.46 <u>2.95</u> 0.00	36.27 <u>2.96</u> 0.00	38.41 <u>2.77</u> 0.00	39.30 <u>2.76</u> -0.01	42.96 <u>3.02</u> 0.00	44.14 <u>2.98</u> 0.00	44.54 <u>3.21</u> 0.00	57.28 <u>3.92</u> 0.00	56.79 <u>3.46</u> 0.00	43.82 <u>2.51</u> 0.00	41.64 <u>2.51</u> 0.00	41.54 <u>2.82</u> 0.00	41.77 <u>2.74</u> 0.00	33.45 <u>2.43</u> 0.00
GOWANUS_GT3_2 24123	27.94 <u>2.16</u> 0.00	27.34 <u>1.8</u>																						

GOWANUS_GT4_3 24132	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT4_4 24133	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT4_5 24134	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT4_6 24135	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT4_7 24136	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GOWANUS_GT4_8 24137	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GREENBSH_115KV_TB3 55895	26.34 0.56 0.00	26.04 0.55 0.00	31.90 0.72 0.00	30.85 0.73 0.00	30.57 0.67 0.00	31.10 0.70 0.00	34.86 0.76 0.00	37.43 0.90 0.00	30.04 0.71 0.00	28.25 0.65 0.00	33.11 0.60 0.00	33.88 0.57 0.00	36.18 0.53 0.00	37.19 0.65 0.00	40.67 0.72 0.00	41.80 0.64 0.00	42.04 0.71 0.00	54.34 0.97 0.00	54.36 1.02 0.00	42.12 0.80 0.00	39.92 0.80 0.00	39.48 0.75 0.00	39.62 0.59 0.00	31.54 0.53 0.00
GREENDGE_115KV_TB5 80291	26.08 0.17 -0.13	25.66 0.05 -0.12	31.43 -0.12 -0.37	30.01 -0.13 -0.01	29.76 -0.23 -0.09	30.66 -0.10 -0.36	34.59 -0.06 -0.55	36.98 -0.22 -0.67	29.56 -0.06 -0.29	27.88 0.06 -0.22	33.13 0.14 -0.49	34.45 0.60 -0.54	36.98 0.67 -0.66	37.31 0.72 -0.06	42.12 1.28 -0.90	43.53 1.41 -0.97	43.69 1.38 -0.98	57.04 2.05 -1.62	57.02 2.05 -1.63	44.07 1.76 -0.99	41.46 1.48 -0.86	40.81 1.26 -0.83	41.07 1.24 -0.80	32.08 0.65 -0.41
GREENIDGE___3 23582	26.08 0.17 -0.13	25.66 0.05 -0.12	31.43 -0.12 -0.37	30.01 -0.13 -0.01	29.76 -0.23 -0.09	30.66 -0.10 -0.36	34.59 -0.06 -0.55	36.98 -0.22 -0.67	29.56 -0.06 -0.29	27.88 0.06 -0.22	33.13 0.14 -0.49	34.45 0.60 -0.54	36.98 0.67 -0.66	37.31 0.72 -0.06	42.12 1.28 -0.90	43.53 1.41 -0.97	43.69 1.38 -0.98	57.04 2.05 -1.62	57.02 2.05 -1.63	44.07 1.76 -0.99	41.46 1.48 -0.86	40.81 1.26 -0.83	41.07 1.24 -0.80	32.08 0.65 -0.41
GREENIDGE___4 23583	26.08 0.17 -0.13	25.65 0.04 -0.12	31.43 -0.12 -0.37	30.01 -0.13 -0.01	29.76 -0.23 -0.09	30.66 -0.10 -0.36	34.59 -0.07 -0.55	36.98 -0.22 -0.67	29.57 -0.05 -0.29	27.88 0.06 -0.22	33.13 0.14 -0.49	34.47 0.62 -0.54	36.99 0.68 -0.66	37.32 0.72 -0.06	42.11 1.27 -0.90	43.53 1.40 -0.97	43.70 1.39 -0.98	57.05 2.06 -1.62	57.03 2.05 -1.63	44.08 1.78 -0.99	41.46 1.48 -0.86	40.81 1.25 -0.83	41.08 1.24 -0.80	32.08 0.65 -0.41
GREENLWN_69_KV_BK 3 55738	27.53 1.75 0.00	27.25 1.64 -0.12	33.37 2.19 0.00	32.34 2.21 0.00	39.85 2.16 -7.79	32.65 2.26 0.00	36.59 2.49 0.00	40.59 2.88 -1.18	31.44 2.10 0.00	29.73 2.08 -0.05	27.54 2.89 7.86	32.39 2.95 3.87	38.17 2.52 0.00	38.79 2.25 0.00	42.28 2.34 0.00	43.40 2.24 0.00	43.86 2.55 0.02	54.25 3.17 2.29	49.99 2.89 6.23	43.20 1.88 0.00	40.90 1.78 0.00	40.71 1.99 0.00	40.92 1.89 0.00	32.78 1.76 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00
GRISSOM___SOLAR 323813	28.97 3.18 0.00	28.51 3.01 0.00	34.73 3.55 0.00	33.50 3.37 0.00	33.22 3.32 0.00	33.98 3.58 0.00	38.16 4.06 0.00	39.13 2.59 0.00	31.46 2.13 0.00	28.84 1.24 0.00	32.91 0.41 0.00	34.06 0.75 0.00	37.48 1.83 0.00	38.98 2.44 0.00	41.71 1.76 0.00	44.32 3.16 0.00	44.85 3.52 0.00	58.44 5.08 0.00	60.91 7.57 0.00	47.70 6.39 0.00	45.29 6.17 0.00	44.67 5.95 0.00	44.82 5.79 0.00	35.30 4.29 0.00
GROVEVILLE___HYD 323602	27.74 1.96 0.00	27.19 1.70 0.00	33.17 1.99 0.00	32.07 1.95 0.00	31.75 1.84 0.00	32.39 1.99 0.00	36.41 2.31 0.00	39.20 2.66 0.00	31.53 2.19 0.00	29.74 2.13 0.00	35.20 2.70 0.00	36.10 2.79 0.00	38.46 2.81 0.00	39.43 2.89 0.00	43.16 3.21 0.00	44.49 3.33 0.00	44.87 3.54 0.00	57.77 4.41 0.00	57.55 4.21 0.00	44.37 3.05 0.00	42.04 2.92 0.00	41.68 2.96 0.00	41.82 2.79 0.00	33.27 2.25 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.72 -0.01 1.05	21.29 -0.06 4.15	30.14 -0.10 0.93	30.00 -0.16 -0.03	30.01 -0.17 -0.28	31.44 -0.07 -1.12	35.79 -0.07 -1.76	38.59 -0.11 -2.17	30.24 -0.03 -0.94	28.38 0.04 -0.73	34.28 0.19 -1.59	34.61 0.30 -1.00	38.17 0.36 -2.16	36.42 0.40 0.52	43.45 0.59 -2.92	44.94 0.68 -3.11	45.26 0.75 -3.18	59.64 1.02 -5.26	59.60 1.02 -5.25	45.26 0.77 -3.17	42.57 0.67 -2.78	41.95 0.56 -2.67	42.08 0.48 -2.57	32.56 0.23 -1.33

HAMLTNNY_34_KV_TB 80303	24.95 0.04 0.87	21.83 -0.02 3.64	30.47 -0.07 0.63	30.05 -0.10 -0.03	30.06 -0.14 -0.29	31.54 -0.04 -1.18	35.94 -0.03 -1.86	38.75 -0.08 -2.29	30.34 0.02 -0.99	28.44 0.07 -0.77	34.39 0.20 -1.68	34.84 0.35 -1.18	38.37 0.44 -2.28	36.57 0.46 0.43	43.70 0.67 -3.08	45.21 0.76 -3.29	45.55 0.86 -3.35	60.10 1.19 -5.55	60.09 1.21 -5.54	45.59 0.92 -3.35	42.87 0.82 -2.93	42.25 0.71 -2.82	42.33 0.59 -2.71	32.73 0.31 -1.40
HAMPSHIRE___PAPER_HYD 323593	-17.30 -0.87 42.21	-106.31 -0.87 130.93	-31.49 -1.10 61.56	28.56 -1.04 0.52	29.24 -0.77 -0.10	28.18 -1.09 1.12	32.62 -1.13 0.35	36.14 -1.20 -0.80	28.76 -0.93 -0.35	27.04 -0.84 -0.27	32.03 -1.06 -0.58	11.22 -1.04 21.05	35.49 -0.97 -0.81	14.76 -1.16 20.61	39.53 -1.51 -1.10	39.76 -1.55 -0.15	40.93 -1.59 -1.19	53.46 -1.88 -1.97	53.75 -1.56 -1.97	41.59 -0.92 -1.19	39.45 -0.72 -1.04	39.14 -0.58 -1.00	39.27 -0.73 -0.96	30.72 -0.79 -0.50
HARDSCRABBLE_WT_PWR 323673	24.94 0.56 1.41	21.66 0.51 4.35	29.83 0.71 2.06	30.81 0.70 0.02	30.52 0.61 0.00	31.03 0.68 0.05	34.84 0.76 0.03	37.33 0.79 0.00	29.90 0.57 0.00	28.09 0.48 0.00	32.81 0.30 0.00	32.86 0.27 0.72	36.01 0.36 0.00	36.37 0.52 0.69	40.50 0.56 0.00	41.77 0.64 0.03	42.12 0.79 0.00	54.46 1.10 0.00	54.76 1.43 0.00	42.66 1.34 0.00	40.46 1.34 0.00	39.87 1.15 0.00	40.15 1.12 0.00	31.79 0.78 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.53 1.75 0.00	26.97 1.47 0.00	32.88 1.71 0.00	31.80 1.67 0.00	31.49 1.59 0.00	32.13 1.74 0.00	36.12 2.02 0.00	38.87 2.33 0.00	31.27 1.94 0.00	29.51 1.91 0.00	34.95 2.45 0.00	35.86 2.55 0.00	38.20 2.55 0.00	39.18 2.65 0.00	42.87 2.93 0.00	44.20 3.04 0.00	44.59 3.26 0.00	57.43 4.06 0.00	57.15 3.81 0.00	43.98 2.66 0.00	41.71 2.59 0.00	41.37 2.65 0.00	41.50 2.46 0.00	33.04 2.02 0.00
HARSNRAD_115KV_TB1 81005	25.09 -0.70 0.00	24.79 -0.70 0.00	30.08 -1.10 0.00	28.92 -1.21 0.00	28.44 -1.46 0.00	29.22 -1.18 0.00	32.68 -1.43 0.00	34.55 -1.99 0.00	28.07 -1.26 0.00	26.61 -0.99 0.00	31.67 -0.83 0.00	32.84 -0.47 0.00	35.66 0.01 0.00	36.87 0.33 0.00	40.78 0.84 0.00	42.16 1.00 0.00	42.03 0.70 0.00	54.18 0.81 0.00	53.62 0.28 0.00	41.59 0.27 0.00	39.06 -0.07 0.00	38.63 -0.09 0.00	39.21 0.18 0.00	31.00 -0.01 0.00
HARZA MOOSE___RIVER 24016	14.42 0.34 11.70	-10.70 0.28 36.48	14.56 0.32 16.94	30.28 0.30 0.14	30.35 0.35 -0.09	30.67 0.35 0.07	34.80 0.43 -0.27	37.70 0.49 -0.67	30.09 0.46 -0.29	28.33 0.50 -0.22	33.55 0.55 -0.49	28.43 0.63 5.52	36.99 0.67 -0.67	31.44 0.62 5.71	41.49 0.65 -0.90	42.51 0.67 -0.68	43.02 0.70 -0.98	56.04 1.05 -1.63	56.24 1.28 -1.62	43.47 1.17 -0.98	41.22 1.25 -0.86	40.81 1.26 -0.83	40.91 1.08 -0.79	32.07 0.64 -0.41
HDSNBRDG_115KV_BRDG_TB1 355580	24.13 -0.22 1.43	20.33 -0.27 4.91	29.05 -0.38 1.75	29.73 -0.40 0.00	29.62 -0.44 -0.15	30.64 -0.34 -0.58	34.69 -0.36 -0.95	37.30 -0.43 -1.20	29.59 -0.27 -0.52	27.85 -0.16 -0.40	33.34 -0.05 -0.88	33.47 0.04 -0.12	36.92 0.08 -1.20	35.98 0.14 0.70	41.85 0.30 -1.61	43.23 0.37 -1.70	43.50 0.42 -1.75	56.85 0.58 -2.90	56.76 0.52 -2.90	43.47 0.40 -1.75	40.96 0.30 -1.53	40.41 0.21 -1.47	40.59 0.14 -1.42	31.72 -0.02 -0.73
HELLGATE_13_KV_LD 55870	27.82 2.04 0.00	27.22 1.73 0.00	33.17 1.99 0.00	32.09 1.97 0.00	31.79 1.88 0.00	32.46 2.06 0.00	36.52 2.42 0.00	39.36 2.82 0.00	31.61 2.28 0.00	29.77 2.16 0.00	35.31 2.81 0.00	36.10 2.79 0.00	38.20 2.56 0.00	39.05 2.51 0.00	42.70 2.76 0.00	43.90 2.74 0.00	44.29 2.96 0.00	56.94 3.58 0.00	56.54 3.20 0.00	43.59 2.27 0.00	41.40 2.28 0.00	41.35 2.63 0.00	41.60 2.56 0.00	33.30 2.28 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.82 2.04 0.00	27.22 1.73 0.00	33.17 1.99 0.00	32.09 1.97 0.00	31.79 1.88 0.00	32.46 2.06 0.00	36.52 2.42 0.00	39.36 2.82 0.00	31.61 2.28 0.00	29.77 2.16 0.00	35.31 2.81 0.00	36.10 2.79 0.00	38.20 2.56 0.00	39.05 2.51 0.00	42.70 2.76 0.00	43.90 2.74 0.00	44.29 2.96 0.00	56.94 3.58 0.00	56.54 3.20 0.00	43.59 2.27 0.00	41.40 2.28 0.00	41.35 2.63 0.00	41.60 2.56 0.00	33.30 2.28 0.00
HEMPSTEAD____ 23647	27.78 2.00 0.00	27.42 1.81 -0.12	33.41 2.24 0.00	32.36 2.24 0.00	39.88 2.18 -7.79	32.71 2.32 0.00	36.75 2.65 0.00	40.79 3.08 -1.18	31.71 2.37 0.00	29.98 2.33 -0.05	40.45 3.10 -4.85	38.33 3.13 -1.89	38.42 2.77 0.00	39.15 2.61 0.00	42.70 2.76 0.00	43.80 2.64 0.00	44.23 2.98 0.08	56.99 3.71 0.09	56.72 3.38 0.00	43.60 2.29 0.00	41.34 2.22 0.00	41.11 2.38 0.00	41.47 2.44 0.00	33.17 2.16 0.00
HEWLETT_69_KV_BK3 55828	28.12 2.34 0.00	27.70 2.08 -0.12	33.73 2.55 0.00	32.65 2.52 0.00	40.15 2.45 -7.79	32.99 2.60 0.00	37.06 2.96 0.00	41.10 3.38 -1.18	31.94 2.61 0.00	30.22 2.57 -0.05	40.72 3.37 -4.85	38.65 3.45 -1.89	38.87 3.23 0.00	39.66 3.12 0.00	43.28 3.34 0.00	44.26 3.10 0.00	44.76 3.43 0.00	57.58 4.21 0.00	57.10 3.76 0.00	44.06 2.74 0.00	41.71 2.59 0.00	41.49 2.77 0.00	41.92 2.89 0.00	33.57 2.55 0.00
HICKLING___1 23621	26.22 0.31 -0.13	25.77 0.16 -0.12	31.63 0.07 -0.38	30.14 0.00 -0.01	29.90 -0.09 -0.09	30.84 0.09 -0.36	34.87 0.21 -0.55	37.23 0.02 -0.67	29.80 0.18 -0.29	28.18 0.35 -0.22	33.73 0.72 -0.49	34.81 0.96 -0.54	37.40 1.08 -0.67	37.81 1.21 -0.06	42.62 1.77 -0.91	44.15 2.02 -0.98	44.40 2.08 -0.99	57.63 2.61 -1.66	57.17 2.15 -1.68	44.06 1.73 -1.01	41.51 1.51 -0.89	40.80 1.23 -0.85	41.23 1.38 -0.82	32.18 0.75 -0.42
HICKLING___2 23622	26.22 0.31 -0.13	25.77 0.16 -0.12	31.63 0.07 -0.38	30.14 0.00 -0.01	29.90 -0.09 -0.09	30.84 0.09 -0.36	34.87 0.21 -0.55	37.23 0.02 -0.67	29.80 0.18 -0.29	28.18 0.35 -0.22	33.73 0.72 -0.49	34.81 0.96 -0.54	37.40 1.08 -0.67	37.81 1.21 -0.06	42.62 1.77 -0.91	44.15 2.02 -0.98	44.40 2.08 -0.99	57.63 2.61 -1.66	57.17 2.15 -1.68	44.06 1.73 -1.01	41.51 1.51 -0.89	40.80 1.23 -0.85	41.23 1.38 -0.82	32.18 0.75 -0.42
HIGH FALLS___HY 23754	27.69 1.90 0.00	27.09 1.60 0.00	33.02 1.84 0.00	31.92 1.79 0.00	31.60 1.70 0.00	32.24 1.85 0.00	36.23 2.13 0.00	39.01 2.47 0.00	31.30 1.97 0.00	29.57 1.96 0.00	35.11 2.61 0.00	36.05 2.74 0.00	38.52 2.87 0.00	39.46 2.92 0.00	43.08 3.14 0.00	44.48 3.32 0.00	44.95 3.62 0.00	57.81 4.44 0.00	57.61 4.27 0.00	44.40 3.08 0.00	42.09 2.97 0.00	41.73 3.01 0.00	41.84 2.81 0.00	33.24 2.23 0.00
HIGH_RIVER___SOLAR 323847	27.07 1.29 0.00	26.72 1.23 0.00	32.68 1.50 0.00	31.57 1.45 0.00	31.31 1.40 0.00	31.90 1.50 0.00	35.78 1.68 0.00	38.20 1.67 0.00	30.50 1.17 0.00	28.63 1.02 0.00	33.53 1.03 0.00	34.23 0.92 0.00	36.70 1.05 0.00	37.72 1.18 0.00	41.22 1.28 0.00	42.89 1.72 0.00	43.17 1.83 0.00	55.78 2.41 0.00	56.11 2.77 0.00	43.60 2.28 0.00	41.38 2.26 0.00	40.93 2.21 0.00	41.17 2.14 0.00	32.63 1.61 0.00

HILLBURN___GT 23639	27.48 1.69 0.00	26.90 1.41 0.00	32.79 1.61 0.00	31.73 1.61 0.00	31.43 1.53 0.00	32.07 1.67 0.00	36.06 1.96 0.00	38.79 2.26 0.00	31.20 1.87 0.00	29.41 1.81 0.00	34.85 2.35 0.00	35.76 2.46 0.00	38.00 2.35 0.00	38.93 2.39 0.00	42.59 2.65 0.00	43.87 2.71 0.00	44.27 2.93 0.00	57.02 3.65 0.00	56.70 3.36 0.00	43.60 2.28 0.00	41.38 2.26 0.00	41.10 2.38 0.00	41.25 2.22 0.00	32.89 1.88 0.00
HILLSIDE_115KV_TB1 80332	25.86 -0.05 -0.13	25.41 -0.21 -0.12	31.23 -0.33 -0.39	29.77 -0.37 -0.01	29.53 -0.46 -0.09	30.45 -0.31 -0.37	34.44 -0.24 -0.57	36.79 -0.45 -0.69	29.43 -0.20 -0.30	27.81 -0.02 -0.23	33.31 0.29 -0.51	34.34 0.47 -0.56	36.88 0.54 -0.69	37.21 0.61 -0.06	41.95 1.07 -0.93	43.48 1.31 -1.01	43.76 1.40 -1.03	56.74 1.65 -1.72	56.25 1.16 -1.75	43.27 0.91 -1.05	40.81 0.77 -0.92	40.11 0.51 -0.88	40.57 0.69 -0.85	31.69 0.24 -0.44
HISHELDN_WT_PWR 323625	25.48 -0.31 0.00	25.12 -0.37 0.00	30.54 -0.64 0.00	29.39 -0.73 0.00	28.97 -0.94 0.00	29.69 -0.70 0.00	33.28 -0.82 0.00	35.28 -1.26 0.00	28.64 -0.69 0.00	27.18 -0.42 0.00	32.37 -0.14 0.00	33.54 0.22 0.00	36.23 0.58 0.00	37.37 0.83 0.00	41.31 1.37 0.00	42.77 1.61 0.00	42.74 1.41 0.00	55.14 1.77 0.00	54.63 1.30 0.00	42.38 1.06 0.00	39.81 0.69 0.00	39.29 0.56 0.00	39.87 0.83 0.00	31.40 0.39 0.00
HOLTSVILLE_IC_1 23690	27.73 1.95 0.00	27.46 1.85 -0.12	33.65 2.47 0.00	32.61 2.48 0.00	40.17 2.48 -7.79	33.02 2.63 0.00	37.03 2.93 0.00	41.16 3.44 -1.18	31.86 2.53 0.00	30.14 2.49 -0.05	97.45 3.35 -61.59	65.05 3.37 -28.38	38.67 3.02 0.00	39.30 2.76 0.00	42.81 2.87 0.00	44.01 2.85 0.00	44.44 3.12 0.02	67.40 3.94 -10.10	81.24 3.59 -24.31	43.74 2.41 0.00	41.46 2.34 0.00	41.16 2.43 0.00	41.49 2.45 0.00	33.22 2.21 0.00
HOLTSVILLE_IC_10 23699	27.91 2.12 0.00	27.62 2.00 -0.12	33.83 2.65 0.00	32.78 2.65 0.00	40.34 2.65 -7.79	33.19 2.79 0.00	37.24 3.13 0.00	41.40 3.68 -1.18	32.06 2.73 0.00	30.34 2.68 -0.05	102.17 3.62 -66.04	67.35 3.64 -30.40	38.95 3.30 0.00	39.59 3.05 0.00	43.12 3.18 0.00	44.37 3.21 0.00	44.77 3.46 0.02	68.67 4.42 -10.89	84.18 4.05 -26.80	44.08 2.76 0.00	41.77 2.65 0.00	41.45 2.72 0.00	41.76 2.73 0.00	33.43 2.42 0.00
HOLTSVILLE_IC_2 23691	27.73 1.95 0.00	27.46 1.85 -0.12	33.65 2.47 0.00	32.61 2.48 0.00	40.17 2.48 -7.79	33.02 2.63 0.00	37.03 2.93 0.00	41.16 3.44 -1.18	31.86 2.53 0.00	30.14 2.49 -0.05	97.45 3.35 -61.59	65.05 3.37 -28.38	38.67 3.02 0.00	39.30 2.76 0.00	42.81 2.87 0.00	44.01 2.85 0.00	44.44 3.12 0.02	67.40 3.94 -10.10	81.24 3.59 -24.31	43.74 2.41 0.00	41.46 2.34 0.00	41.16 2.43 0.00	41.49 2.45 0.00	33.22 2.21 0.00
HOLTSVILLE_IC_3 23692	27.73 1.95 0.00	27.46 1.85 -0.12	33.65 2.47 0.00	32.61 2.48 0.00	40.17 2.48 -7.79	33.02 2.63 0.00	37.03 2.93 0.00	41.16 3.44 -1.18	31.86 2.53 0.00	30.14 2.49 -0.05	97.45 3.35 -61.59	65.05 3.37 -28.38	38.67 3.02 0.00	39.30 2.76 0.00	42.81 2.87 0.00	44.01 2.85 0.00	44.44 3.12 0.02	67.40 3.94 -10.10	81.24 3.59 -24.31	43.74 2.41 0.00	41.46 2.34 0.00	41.16 2.43 0.00	41.49 2.45 0.00	33.22 2.21 0.00
HOLTSVILLE_IC_4 23693	27.73 1.95 0.00	27.46 1.85 -0.12	33.65 2.47 0.00	32.61 2.48 0.00	40.17 2.48 -7.79	33.02 2.63 0.00	37.03 2.93 0.00	41.16 3.44 -1.18	31.86 2.53 0.00	30.14 2.49 -0.05	97.45 3.35 -61.59	65.05 3.37 -28.38	38.67 3.02 0.00	39.30 2.76 0.00	42.81 2.87 0.00	44.01 2.85 0.00	44.44 3.12 0.02	67.40 3.94 -10.10	81.24 3.59 -24.31	43.74 2.41 0.00	41.46 2.34 0.00	41.16 2.43 0.00	41.49 2.45 0.00	33.22 2.21 0.00
HOLTSVILLE_IC_5 23694	27.73 1.95 0.00	27.46 1.85 -0.12	33.65 2.47 0.00	32.61 2.48 0.00	40.17 2.48 -7.79	33.02 2.63 0.00	37.03 2.93 0.00	41.16 3.44 -1.18	31.86 2.53 0.00	30.14 2.49 -0.05	97.45 3.35 -61.59	65.05 3.37 -28.38	38.67 3.02 0.00	39.30 2.76 0.00	42.81 2.87 0.00	44.01 2.85 0.00	44.44 3.12 0.02	67.40 3.94 -10.10	81.24 3.59 -24.31	43.74 2.41 0.00	41.46 2.34 0.00	41.16 2.43 0.00	41.49 2.45 0.00	33.22 2.21 0.00
HOLTSVILLE_IC_6 23695	27.91 2.12 0.00	27.62 2.00 -0.12	33.83 2.65 0.00	32.78 2.65 0.00	40.34 2.65 -7.79	33.19 2.79 0.00	37.24 3.13 0.00	41.40 3.68 -1.18	32.06 2.73 0.00	30.34 2.68 -0.05	102.17 3.62 -66.04	67.35 3.64 -30.40	38.95 3.30 0.00	39.59 3.05 0.00	43.12 3.18 0.00	44.37 3.21 0.00	44.77 3.46 0.02	68.67 4.42 -10.89	84.18 4.05 -26.80	44.08 2.76 0.00	41.77 2.65 0.00	41.45 2.72 0.00	41.76 2.73 0.00	33.43 2.42 0.00
HOLTSVILLE_IC_7 23696	27.91 2.12 0.00	27.62 2.00 -0.12	33.83 2.65 0.00	32.78 2.65 0.00	40.34 2.65 -7.79	33.19 2.79 0.00	37.24 3.13 0.00	41.40 3.68 -1.18	32.06 2.73 0.00	30.34 2.68 -0.05	102.17 3.62 -66.04	67.35 3.64 -30.40	38.95 3.30 0.00	39.59 3.05 0.00	43.12 3.18 0.00	44.37 3.21 0.00	44.77 3.46 0.02	68.67 4.42 -10.89	84.18 4.05 -26.80	44.08 2.76 0.00	41.77 2.65 0.00	41.45 2.72 0.00	41.76 2.73 0.00	33.43 2.42 0.00
HOLTSVILLE_IC_8 23697	27.91 2.12 0.00	27.62 2.00 -0.12	33.83 2.65 0.00	32.78 2.65 0.00	40.34 2.65 -7.79	33.19 2.79 0.00	37.24 3.13 0.00	41.40 3.68 -1.18	32.06 2.73 0.00	30.34 2.68 -0.05	102.17 3.62 -66.04	67.35 3.64 -30.40	38.95 3.30 0.00	39.59 3.05 0.00	43.12 3.18 0.00	44.37 3.21 0.00	44.77 3.46 0.02	68.67 4.42 -10.89	84.18 4.05 -26.80	44.08 2.76 0.00	41.77 2.65 0.00	41.45 2.72 0.00	41.76 2.73 0.00	33.43 2.42 0.00
HOLTSVILLE_IC_9 23698	27.91 2.12 0.00	27.62 2.00 -0.12	33.83 2.65 0.00	32.78 2.65 0.00	40.34 2.65 -7.79	33.19 2.79 0.00	37.24 3.13 0.00	41.40 3.68 -1.18	32.06 2.73 0.00	30.34 2.68 -0.05	102.17 3.62 -66.04	67.35 3.64 -30.40	38.95 3.30 0.00	39.59 3.05 0.00	43.12 3.18 0.00	44.37 3.21 0.00	44.77 3.46 0.02	68.67 4.42 -10.89	84.18 4.05 -26.80	44.08 2.76 0.00	41.77 2.65 0.00	41.45 2.72 0.00	41.76 2.73 0.00	33.43 2.42 0.00
HOMER_HL_115KV_TB2 355744	25.63 -0.15 0.00	25.18 -0.32 0.00	30.60 -0.57 0.00	29.49 -0.64 0.00	29.09 -0.81 0.00	29.84 -0.56 0.00	33.47 -0.63 0.00	35.42 -1.11 0.00	28.77 -0.56 0.00	27.34 -0.26 0.00	32.67 0.16 0.00	33.72 0.41 0.00	36.09 0.44 0.00	36.97 0.43 0.00	40.82 0.88 0.00	42.39 1.24 0.00	42.44 1.11 0.00	54.66 1.29 0.00	54.01 0.67 0.00	41.88 0.56 0.00	39.34 0.22 0.00	39.04 0.32 0.00	39.74 0.71 0.00	31.27 0.26 0.00
HOWARD_WT_PWR 323690	26.27 0.39 -0.09	25.84 0.26 -0.08	31.61 0.16 -0.27	30.20 0.06 -0.01	29.88 -0.08 -0.06	30.81 0.15 -0.26	34.75 0.24 -0.40	37.01 -0.01 -0.49	29.73 0.18 -0.21	28.11 0.34 -0.16	33.53 0.67 -0.36	34.73 1.03 -0.40	37.36 1.23 -0.49	37.95 1.37 -0.04	42.60 2.01 -0.65	44.13 2.27 -0.71	44.28 2.22 -0.72	57.41 2.86 -1.19	57.00 2.46 -1.20	44.17 2.12 -0.73	41.61 1.86 -0.64	40.97 1.63 -0.61	41.43 1.81 -0.59	32.03 0.72 -0.31

HQ_GEN_CEDARS 23644	-61.89 -0.77 86.91	-244.05 -0.67 268.88	-96.84 -0.80 127.22	28.30 -0.72 1.11	29.66 -0.25 0.00	26.35 -0.84 3.20	31.12 -0.89 2.10	35.55 -0.97 0.02	28.49 -0.84 0.00	26.72 -0.88 0.00	31.33 -1.15 0.03	-12.44 -1.23 44.53	34.50 -1.15 0.00	-7.22 -1.33 42.42	38.33 -1.62 0.00	37.34 -1.70 2.12	39.41 -1.92 0.00	50.94 -2.43 0.00	51.05 -2.29 0.00	39.63 -1.69 0.00	37.55 -1.57 0.00	37.27 -1.46 0.00	37.64 -1.39 0.00	29.91 -1.11 0.00
HQ_GEN_CEDARS_PROXY 323590	-61.89 -0.77 86.91	-244.05 -0.67 268.88	-96.84 -0.80 127.22	28.30 -0.72 1.11	29.66 -0.25 0.00	26.35 -0.85 3.20	31.12 -0.89 2.10	35.55 -0.97 0.02	28.49 -0.84 0.00	26.72 -0.89 0.00	31.32 -1.15 0.03	-12.44 -1.22 44.53	33.69 -1.16 0.81	-7.28 -1.33 42.48	38.33 -1.61 0.00	37.35 -1.69 2.12	39.41 -1.92 0.00	50.94 -2.42 0.00	51.05 -2.29 0.00	39.63 -1.69 0.00	37.55 -1.57 0.00	37.27 -1.45 0.00	37.64 -1.39 0.00	29.91 -1.11 0.00
HQ_GEN_IMPORT 323601	28.54 -0.38 -3.13	34.89 -0.30 -9.69	35.40 -0.36 -4.58	29.81 -0.35 -0.04	29.65 -0.26 0.00	30.12 -0.39 -0.11	33.77 -0.41 -0.07	36.09 -0.45 0.00	28.93 -0.40 0.00	27.18 -0.42 0.00	31.94 -0.56 0.00	34.27 -0.64 -1.60	35.03 -0.62 0.00	37.36 -0.71 -1.53	39.06 -0.88 0.00	40.33 -0.91 -0.07	40.30 -1.03 0.00	52.06 -1.30 0.00	52.95 -1.26 -0.88	40.37 -0.95 0.00	38.22 -0.90 0.00	37.87 -0.85 0.00	37.15 -0.73 1.16	30.48 -0.53 0.00
HQ_GEN_WHEEL 23651	28.54 -0.38 -3.13	34.89 -0.30 -9.69	35.40 -0.36 -4.58	29.81 -0.35 -0.04	29.65 -0.26 0.00	30.12 -0.39 -0.11	33.77 -0.41 -0.07	36.09 -0.45 0.00	28.93 -0.40 0.00	27.18 -0.42 0.00	31.94 -0.56 0.00	34.27 -0.64 -1.60	35.03 -0.62 0.00	37.36 -0.71 -1.53	39.06 -0.88 0.00	40.33 -0.91 -0.07	40.30 -1.03 0.00	52.06 -1.30 0.00	52.95 -1.26 -0.88	40.37 -0.95 0.00	38.22 -0.90 0.00	37.87 -0.85 0.00	37.15 -0.73 1.16	30.48 -0.53 0.00
HUDSON AVE_GT_3 23810	27.85 2.07 0.00	27.25 1.76 0.00	33.21 2.03 0.00	32.14 2.01 0.00	31.84 1.94 0.00	32.49 2.10 0.00	36.55 2.45 0.00	39.37 2.84 0.00	31.65 2.32 0.00	29.83 2.23 0.00	35.38 2.87 0.00	36.24 2.93 0.00	38.38 2.73 0.00	39.24 2.70 0.00	42.91 2.96 0.00	44.13 2.97 0.00	44.50 3.17 0.00	57.25 3.88 0.00	56.89 3.55 0.00	43.80 2.48 0.00	41.61 2.48 0.00	41.44 2.71 0.00	41.68 2.64 0.00	33.32 2.31 0.00
HUDSON AVE_GT_4 23540	27.85 2.07 0.00	27.25 1.76 0.00	33.21 2.03 0.00	32.14 2.01 0.00	31.84 1.94 0.00	32.49 2.10 0.00	36.55 2.45 0.00	39.37 2.84 0.00	31.65 2.32 0.00	29.83 2.23 0.00	35.38 2.87 0.00	36.24 2.93 0.00	38.38 2.73 0.00	39.24 2.70 0.00	42.91 2.96 0.00	44.13 2.97 0.00	44.50 3.17 0.00	57.25 3.88 0.00	56.89 3.55 0.00	43.80 2.48 0.00	41.61 2.48 0.00	41.44 2.71 0.00	41.68 2.64 0.00	33.32 2.31 0.00
HUDSON AVE_GT_5 23657	27.85 2.07 0.00	27.25 1.76 0.00	33.21 2.03 0.00	32.14 2.01 0.00	31.84 1.94 0.00	32.49 2.10 0.00	36.55 2.45 0.00	39.37 2.84 0.00	31.65 2.32 0.00	29.83 2.23 0.00	35.38 2.87 0.00	36.24 2.93 0.00	38.38 2.73 0.00	39.24 2.70 0.00	42.91 2.96 0.00	44.13 2.97 0.00	44.50 3.17 0.00	57.25 3.88 0.00	56.89 3.55 0.00	43.80 2.48 0.00	41.61 2.48 0.00	41.44 2.71 0.00	41.68 2.64 0.00	33.32 2.31 0.00
HUDSON_AVE_10 24168	27.79 2.01 0.00	27.19 1.69 0.00	33.14 1.96 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.47 2.36 0.00	39.27 2.73 0.00	31.57 2.24 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.16 2.85 0.00	38.29 2.64 0.00	39.16 2.62 0.00	42.82 2.88 0.00	44.03 2.88 0.00	44.41 3.07 0.00	57.13 3.76 0.00	56.77 3.44 0.00	43.70 2.38 0.00	41.49 2.37 0.00	41.35 2.63 0.00	41.56 2.53 0.00	33.24 2.22 0.00
HUDSON___115KV_TB 4 355613	27.06 1.28 0.00	26.76 1.26 0.00	32.76 1.58 0.00	31.66 1.53 0.00	31.37 1.46 0.00	31.91 1.51 0.00	35.80 1.69 0.00	38.43 1.90 0.00	30.85 1.52 0.00	29.02 1.41 0.00	33.77 1.26 0.00	34.63 1.32 0.00	36.90 1.25 0.00	38.10 1.57 0.00	41.67 1.73 0.00	42.74 1.58 0.00	43.02 1.69 0.00	56.02 2.66 0.00	56.06 2.72 0.00	43.56 2.25 0.00	41.28 2.15 0.00	40.75 2.03 0.00	40.85 1.82 0.00	32.42 1.41 0.00
HUNTER MOUNT___DRP 323613	27.24 1.46 0.00	26.97 1.47 0.00	33.02 1.84 0.00	31.91 1.78 0.00	31.62 1.72 0.00	32.16 1.76 0.00	36.09 1.98 0.00	38.72 2.18 0.00	31.10 1.76 0.00	29.25 1.65 0.00	33.90 1.39 0.00	34.80 1.49 0.00	37.09 1.44 0.00	38.33 1.80 0.00	41.95 2.01 0.00	43.02 1.86 0.00	43.29 1.96 0.00	56.56 3.19 0.00	56.66 3.32 0.00	44.06 2.74 0.00	41.69 2.57 0.00	41.13 2.41 0.00	41.23 2.20 0.00	32.70 1.69 0.00
HUNTINGTON_RES_REC 323705	27.69 1.91 0.00	27.42 1.80 -0.12	33.56 2.39 0.00	32.52 2.40 0.00	40.06 2.36 -7.79	32.88 2.49 0.00	36.86 2.75 0.00	40.94 3.22 -1.18	31.70 2.37 0.00	29.99 2.34 -0.05	184.30 3.22 -148.57	102.08 3.24 -65.53	38.50 2.85 0.00	39.14 2.59 -0.01	42.63 2.69 0.00	43.80 2.64 0.00	44.22 2.91 0.02	82.69 3.71 -25.62	123.04 3.44 -66.27	43.61 2.28 -0.01	41.28 2.16 0.00	41.02 2.29 0.00	41.27 2.23 0.00	33.04 2.03 0.00
HUNTLEY___63 23557	25.35 -0.43 0.00	25.06 -0.44 0.00	30.39 -0.79 0.00	29.20 -0.93 0.00	28.72 -1.19 0.00	29.48 -0.92 0.00	32.97 -1.13 0.00	34.87 -1.66 0.00	28.42 -0.91 0.00	27.00 -0.61 0.00	32.13 -0.38 0.00	33.30 -0.01 0.00	36.13 0.48 0.00	37.35 0.81 0.00	41.30 1.36 0.00	42.65 1.50 0.00	42.55 1.22 0.00	54.85 1.49 0.00	54.40 1.07 0.00	42.11 0.79 0.00	39.52 0.40 0.00	39.05 0.33 0.00	39.62 0.59 0.00	31.26 0.24 0.00
HUNTLEY___64 23558	25.35 -0.43 0.00	25.06 -0.44 0.00	30.39 -0.79 0.00	29.20 -0.93 0.00	28.72 -1.19 0.00	29.48 -0.92 0.00	32.97 -1.13 0.00	34.87 -1.66 0.00	28.42 -0.91 0.00	27.00 -0.61 0.00	32.13 -0.38 0.00	33.30 -0.01 0.00	36.13 0.48 0.00	37.35 0.81 0.00	41.30 1.36 0.00	42.65 1.50 0.00	42.55 1.22 0.00	54.85 1.49 0.00	54.40 1.07 0.00	42.11 0.79 0.00	39.52 0.40 0.00	39.05 0.33 0.00	39.62 0.59 0.00	31.26 0.24 0.00
HUNTLEY___65 23559	25.35 -0.43 0.00	25.06 -0.44 0.00	30.39 -0.79 0.00	29.20 -0.93 0.00	28.72 -1.19 0.00	29.48 -0.92 0.00	32.97 -1.13 0.00	34.87 -1.66 0.00	28.42 -0.91 0.00	27.00 -0.61 0.00	32.13 -0.38 0.00	33.30 -0.01 0.00	36.13 0.48 0.00	37.35 0.81 0.00	41.30 1.36 0.00	42.65 1.50 0.00	42.55 1.22 0.00	54.85 1.49 0.00	54.40 1.07 0.00	42.11 0.79 0.00	39.52 0.40 0.00	39.05 0.33 0.00	39.62 0.59 0.00	31.26 0.24 0.00
HUNTLEY___66 23560	25.35 -0.43 0.00	25.06 -0.44 0.00	30.39 -0.79 0.00	29.20 -0.93 0.00	28.72 -1.19 0.00	29.48 -0.92 0.00	32.97 -1.13 0.00	34.87 -1.66 0.00	28.42 -0.91 0.00	27.00 -0.61 0.00	32.13 -0.38 0.00	33.30 -0.01 0.00	36.13 0.48 0.00	37.35 0.81 0.00	41.30 1.36 0.00	42.65 1.50 0.00	42.55 1.22 0.00	54.85 1.49 0.00	54.40 1.07 0.00	42.11 0.79 0.00	39.52 0.40 0.00	39.05 0.33 0.00	39.62 0.59 0.00	31.26 0.24 0.00

HUNTLEY___67 23561	25.14 -0.65 0.00	24.85 -0.64 0.00	30.17 -1.01 0.00	29.01 -1.11 0.00	28.54 -1.37 0.00	29.27 -1.13 0.00	32.74 -1.36 0.00	34.64 -1.89 0.00	28.19 -1.15 0.00	26.77 -0.84 0.00	31.88 -0.62 0.00	33.04 -0.27 0.00	35.83 0.18 0.00	37.01 0.47 0.00	40.93 0.99 0.00	42.32 1.16 0.00	42.20 0.87 0.00	54.46 1.09 0.00	53.97 0.63 0.00	41.81 0.49 0.00	39.25 0.13 0.00	38.79 0.06 0.00	39.38 0.35 0.00	31.08 0.07 0.00
HUNTLEY___68 23562	25.14 -0.65 0.00	24.85 -0.64 0.00	30.17 -1.01 0.00	29.01 -1.11 0.00	28.54 -1.37 0.00	29.27 -1.13 0.00	32.74 -1.36 0.00	34.64 -1.89 0.00	28.19 -1.15 0.00	26.77 -0.84 0.00	31.88 -0.62 0.00	33.04 -0.27 0.00	35.83 0.18 0.00	37.01 0.47 0.00	40.93 0.99 0.00	42.32 1.16 0.00	42.20 0.87 0.00	54.46 1.09 0.00	53.97 0.63 0.00	41.81 0.49 0.00	39.25 0.13 0.00	38.79 0.06 0.00	39.38 0.35 0.00	31.08 0.07 0.00
HYLAND___LFGE 323620	26.78 1.00 0.00	26.47 0.97 0.00	32.15 0.97 0.00	30.97 0.84 0.00	30.56 0.65 0.00	31.34 0.95 0.00	35.27 1.17 0.00	37.38 0.85 0.00	29.70 0.36 0.00	27.79 0.19 0.00	32.47 -0.04 0.00	33.41 0.11 0.00	36.08 0.43 0.00	37.07 0.53 0.00	40.97 1.03 0.00	42.39 1.23 0.00	42.49 1.16 0.00	55.11 1.75 0.00	54.52 1.18 0.00	43.54 2.23 0.00	41.49 2.37 0.00	41.02 2.29 0.00	42.25 3.22 0.00	33.24 2.23 0.00
INDECK___CORINTH 23802	26.75 0.97 0.00	26.46 0.96 0.00	32.51 1.34 0.00	31.46 1.33 0.00	31.21 1.31 0.00	31.69 1.30 0.00	35.62 1.51 0.00	38.25 1.71 0.00	30.64 1.30 0.00	28.75 1.15 0.00	33.57 1.06 0.00	34.48 1.17 0.00	36.75 1.10 0.00	37.93 1.40 0.00	41.45 1.51 0.00	42.90 1.74 0.00	43.16 1.83 0.00	55.87 2.51 0.00	56.51 3.17 0.00	43.86 2.55 0.00	41.63 2.51 0.00	40.88 2.16 0.00	41.21 2.18 0.00	32.57 1.56 0.00
INDECK___ILION 23567	24.79 0.41 1.41	21.52 0.37 4.35	29.62 0.50 2.06	30.59 0.49 0.02	30.34 0.43 0.00	30.82 0.48 0.05	34.61 0.54 0.03	37.10 0.57 0.00	29.75 0.42 0.00	27.98 0.38 0.00	32.80 0.30 0.00	32.87 0.28 0.72	35.98 0.33 0.00	36.28 0.43 0.69	40.42 0.48 0.00	41.64 0.52 0.03	41.95 0.62 0.00	54.21 0.84 0.00	54.37 1.03 0.00	42.23 0.92 0.00	40.03 0.91 0.00	39.54 0.82 0.00	39.81 0.77 0.00	31.56 0.55 0.00
INDECK___OLEAN 23982	25.64 -0.15 0.00	25.16 -0.33 0.00	30.60 -0.57 0.00	29.49 -0.64 0.00	29.10 -0.81 0.00	29.84 -0.56 0.00	33.48 -0.63 0.00	35.43 -1.11 0.00	28.77 -0.56 0.00	27.34 -0.27 0.00	32.67 0.17 0.00	33.75 0.44 0.00	36.10 0.45 0.00	36.98 0.44 0.00	40.82 0.87 0.00	42.39 1.24 0.00	42.43 1.10 0.00	54.66 1.29 0.00	54.01 0.67 0.00	41.89 0.57 0.00	39.34 0.23 0.00	39.04 0.32 0.00	39.75 0.72 0.00	31.27 0.26 0.00
INDECK___OSWEGO 23783	23.42 -0.66 1.70	17.14 -0.63 7.72	29.55 -0.81 0.82	29.41 -0.80 -0.09	29.83 -0.83 -0.76	32.72 -0.78 -3.11	38.11 -0.85 -4.85	41.55 -0.94 -5.96	31.21 -0.71 -2.59	28.98 -0.62 -2.00	36.21 -0.66 -4.36	36.06 -0.61 -3.36	40.84 -0.75 -5.95	34.78 -0.91 0.85	47.06 -0.91 -8.03	48.82 -0.91 -8.57	49.18 -0.89 -8.73	66.72 -1.10 -14.44	66.67 -1.08 -14.41	49.24 -0.79 -8.71	45.98 -0.76 -7.62	45.29 -0.76 -7.33	45.49 -0.59 -7.05	34.14 -0.52 -3.65
INDECK___YERKES 23781	25.38 -0.40 0.00	25.07 -0.42 0.00	30.43 -0.75 0.00	29.24 -0.89 0.00	28.75 -1.15 0.00	29.51 -0.88 0.00	33.02 -1.08 0.00	34.93 -1.61 0.00	28.46 -0.87 0.00	27.03 -0.57 0.00	32.19 -0.31 0.00	33.38 0.07 0.00	36.18 0.53 0.00	37.41 0.87 0.00	41.35 1.41 0.00	42.71 1.55 0.00	42.59 1.26 0.00	54.93 1.57 0.00	54.47 1.13 0.00	42.17 0.85 0.00	39.57 0.45 0.00	39.11 0.38 0.00	39.67 0.64 0.00	31.29 0.28 0.00
INDIAN POINT_GT_1 24139	27.50 1.71 0.00	26.94 1.45 0.00	32.86 1.68 0.00	31.80 1.67 0.00	31.49 1.59 0.00	32.13 1.73 0.00	36.13 2.02 0.00	38.88 2.34 0.00	31.24 1.91 0.00	29.44 1.84 0.00	34.87 2.36 0.00	35.74 2.43 0.00	37.95 2.30 0.00	38.84 2.30 0.00	42.49 2.55 0.00	43.73 2.57 0.00	44.11 2.78 0.00	56.81 3.44 0.00	56.50 3.16 0.00	43.51 2.19 0.00	41.30 2.18 0.00	41.04 2.32 0.00	41.23 2.20 0.00	32.89 1.88 0.00
INDIAN POINT_GT_2 23659	27.50 1.71 0.00	26.94 1.45 0.00	32.86 1.68 0.00	31.80 1.67 0.00	31.49 1.59 0.00	32.13 1.73 0.00	36.13 2.02 0.00	38.88 2.34 0.00	31.24 1.91 0.00	29.44 1.84 0.00	34.87 2.36 0.00	35.74 2.43 0.00	37.95 2.30 0.00	38.84 2.30 0.00	42.49 2.55 0.00	43.73 2.57 0.00	44.11 2.78 0.00	56.81 3.44 0.00	56.50 3.16 0.00	43.51 2.19 0.00	41.30 2.18 0.00	41.04 2.32 0.00	41.23 2.20 0.00	32.89 1.88 0.00
INDIAN POINT_GT_3 24019	27.50 1.71 0.00	26.94 1.45 0.00	32.86 1.68 0.00	31.80 1.67 0.00	31.49 1.59 0.00	32.13 1.73 0.00	36.13 2.02 0.00	38.88 2.34 0.00	31.24 1.91 0.00	29.44 1.84 0.00	34.87 2.36 0.00	35.74 2.43 0.00	37.95 2.30 0.00	38.84 2.30 0.00	42.49 2.55 0.00	43.73 2.57 0.00	44.11 2.78 0.00	56.81 3.44 0.00	56.50 3.16 0.00	43.51 2.19 0.00	41.30 2.18 0.00	41.04 2.32 0.00	41.23 2.20 0.00	32.89 1.88 0.00
INDIAN POINT___2 23530	27.45 1.67 0.00	26.89 1.40 0.00	32.79 1.62 0.00	31.74 1.61 0.00	31.44 1.53 0.00	32.07 1.68 0.00	36.06 1.96 0.00	38.80 2.26 0.00	31.18 1.85 0.00	29.39 1.78 0.00	34.81 2.31 0.00	35.68 2.37 0.00	37.89 2.25 0.00	38.78 2.24 0.00	42.43 2.49 0.00	43.66 2.50 0.00	44.06 2.73 0.00	56.75 3.39 0.00	56.44 3.10 0.00	43.43 2.11 0.00	41.22 2.10 0.00	40.98 2.26 0.00	41.16 2.13 0.00	32.83 1.82 0.00
INDIAN POINT___3 23531	27.46 1.67 0.00	26.90 1.41 0.00	32.81 1.64 0.00	31.75 1.62 0.00	31.46 1.56 0.00	32.09 1.70 0.00	36.07 1.96 0.00	38.81 2.27 0.00	31.19 1.85 0.00	29.39 1.79 0.00	34.80 2.30 0.00	35.67 2.36 0.00	37.89 2.24 0.00	38.77 2.23 0.00	42.42 2.48 0.00	43.66 2.50 0.00	44.04 2.71 0.00	56.70 3.34 0.00	56.44 3.10 0.00	43.45 2.13 0.00	41.23 2.11 0.00	40.98 2.26 0.00	41.17 2.14 0.00	32.84 1.83 0.00
INGHAM_C_115KV_TB7 356103	25.01 0.63 1.41	21.71 0.56 4.35	29.89 0.77 2.06	30.87 0.77 0.02	30.58 0.67 0.00	31.07 0.72 0.05	34.88 0.81 0.03	37.36 0.82 0.00	29.90 0.57 0.00	28.05 0.45 0.00	32.68 0.18 0.00	32.71 0.12 0.72	35.87 0.22 0.00	36.25 0.40 0.69	40.36 0.42 0.00	41.66 0.53 0.03	42.03 0.69 0.00	54.37 1.01 0.00	54.77 1.43 0.00	42.72 1.41 0.00	40.56 1.44 0.00	39.99 1.26 0.00	40.23 1.20 0.00	31.84 0.83 0.00
IP CORINTH___1 23988	26.90 1.12 0.00	26.61 1.11 0.00	32.69 1.52 0.00	31.62 1.49 0.00	31.37 1.46 0.00	31.87 1.48 0.00	35.82 1.72 0.00	38.46 1.92 0.00	30.81 1.48 0.00	28.91 1.31 0.00	33.76 1.25 0.00	34.68 1.37 0.00	36.94 1.30 0.00	38.13 1.59 0.00	41.68 1.73 0.00	43.13 1.98 0.00	43.40 2.07 0.00	56.19 2.82 0.00	56.79 3.45 0.00	44.09 2.78 0.00	41.86 2.74 0.00	41.12 2.39 0.00	41.44 2.41 0.00	32.76 1.74 0.00

IP___TICONDEROGA 23804	27.71 1.92 0.00	27.68 2.19 0.00	34.44 3.26 0.00	33.25 3.13 0.00	33.00 3.09 0.00	33.66 3.26 0.00	37.83 3.72 0.00	40.58 4.04 0.00	32.29 2.96 0.00	30.11 2.51 0.00	34.93 2.43 0.00	35.92 2.61 0.00	38.50 2.86 0.00	39.97 3.43 0.00	43.87 3.93 0.00	45.43 4.27 0.00	45.97 4.64 0.00	59.88 6.52 0.00	60.45 7.11 0.00	46.93 5.61 0.00	44.62 5.50 0.00	43.44 4.72 0.00	43.80 4.77 0.00	34.40 3.39 0.00
ISLIP_RES_REC 323679	28.07 2.29 0.00	27.77 2.15 -0.12	34.00 2.82 0.00	32.95 2.82 0.00	40.51 2.81 -7.79	33.37 2.97 0.00	37.44 3.34 0.00	41.66 3.94 -1.18	32.27 2.94 0.00	30.55 2.90 -0.05	96.97 3.88 -60.58	65.41 3.93 -28.17	39.26 3.61 0.00	39.91 3.37 0.00	43.48 3.54 0.00	44.76 3.61 0.00	45.13 3.83 0.02	68.18 4.90 -9.91	82.23 4.51 -24.38	44.44 3.12 0.00	42.08 2.96 0.00	41.74 3.02 0.00	42.05 3.02 0.00	33.64 2.63 0.00
JAMAICA__27_KV_LOAD 355505	28.00 2.22 0.00	27.40 1.91 0.00	33.45 2.27 0.00	32.35 2.23 0.00	32.06 2.16 0.00	32.74 2.35 0.00	36.81 2.71 0.00	39.61 3.08 0.00	31.86 2.53 0.00	30.03 2.42 0.00	35.59 3.08 0.00	36.51 3.21 0.00	38.68 3.03 0.00	39.58 3.04 0.00	43.37 3.43 0.00	44.58 3.42 0.00	44.94 3.61 0.00	57.86 4.49 0.00	57.53 4.19 0.00	44.23 2.92 0.00	41.96 2.84 0.00	41.84 3.12 0.00	41.99 2.96 0.00	33.61 2.60 0.00
JANIS___SOLAR 323808	27.30 1.32 -0.20	26.87 1.19 -0.18	33.14 1.38 -0.58	31.43 1.28 -0.02	31.28 1.24 -0.13	32.38 1.42 -0.56	36.68 1.71 -0.86	39.32 1.74 -1.05	31.07 1.28 -0.45	29.31 1.36 -0.35	34.81 1.53 -0.77	35.74 1.59 -0.85	38.41 1.72 -1.04	38.52 1.89 -0.09	43.34 1.99 -1.41	44.73 2.06 -1.51	45.37 2.51 -1.53	59.44 3.54 -2.54	59.68 3.80 -2.53	46.15 3.31 -1.53	43.58 3.12 -1.34	42.92 2.92 -1.29	42.98 2.71 -1.24	33.42 1.77 -0.64
JARVIS____ 23743	24.58 0.20 1.41	21.33 0.18 4.35	29.35 0.23 2.06	30.34 0.23 0.02	30.10 0.20 0.00	30.58 0.24 0.05	34.31 0.24 0.03	36.81 0.27 0.00	29.56 0.23 0.00	27.82 0.22 0.00	32.75 0.24 0.00	32.85 0.26 0.72	35.90 0.25 0.00	36.14 0.29 0.69	40.29 0.35 0.00	41.48 0.35 0.03	41.70 0.37 0.00	53.85 0.48 0.00	53.82 0.48 0.00	41.70 0.38 0.00	39.50 0.38 0.00	39.08 0.35 0.00	39.35 0.31 0.00	31.25 0.24 0.00
JENNISON___1 23625	27.39 1.46 -0.14	26.94 1.32 -0.13	33.15 1.56 -0.41	31.61 1.47 -0.01	31.42 1.42 -0.09	32.39 1.60 -0.40	36.62 1.90 -0.61	39.31 2.03 -0.74	31.28 1.62 -0.32	29.44 1.59 -0.25	35.05 2.00 -0.55	36.05 2.14 -0.60	38.76 2.37 -0.74	39.10 2.50 -0.07	43.71 2.76 -1.00	45.25 3.01 -1.08	45.71 3.29 -1.09	59.45 4.28 -1.80	59.37 4.24 -1.79	45.78 3.39 -1.08	43.20 3.13 -0.94	42.56 2.93 -0.91	42.59 2.68 -0.87	33.09 1.63 -0.45
JENNISON___2 23626	27.39 1.46 -0.14	26.94 1.32 -0.13	33.15 1.56 -0.41	31.61 1.47 -0.01	31.42 1.42 -0.09	32.39 1.60 -0.40	36.62 1.90 -0.61	39.31 2.03 -0.74	31.28 1.62 -0.32	29.44 1.59 -0.25	35.05 2.00 -0.55	36.05 2.14 -0.60	38.76 2.37 -0.74	39.10 2.50 -0.07	43.71 2.76 -1.00	45.25 3.01 -1.08	45.71 3.29 -1.09	59.45 4.28 -1.80	59.37 4.24 -1.79	45.78 3.39 -1.08	43.20 3.13 -0.94	42.56 2.93 -0.91	42.59 2.68 -0.87	33.09 1.63 -0.45
JERICHO_RISE_WT_PWR 323719	16.41 0.15 9.52	-3.75 0.21 29.45	17.51 0.26 13.93	30.30 0.30 0.12	30.31 0.41 0.00	30.28 0.24 0.35	34.30 0.43 0.23	36.85 0.31 0.00	29.46 0.13 0.00	27.58 -0.02 0.00	32.25 -0.25 0.00	28.05 -0.38 4.88	35.44 -0.20 0.00	31.61 -0.28 4.65	39.59 -0.36 0.00	40.45 -0.47 0.23	40.41 -0.92 0.00	52.29 -1.07 0.00	52.37 -0.97 0.00	40.85 -0.47 0.00	38.69 -0.43 0.00	38.26 -0.46 0.00	38.75 -0.28 0.00	30.54 -0.47 0.00
KATONAH___115KV_46KV_TB4 355592	27.67 1.89 0.00	27.11 1.62 0.00	33.08 1.91 0.00	32.01 1.88 0.00	31.69 1.78 0.00	32.33 1.93 0.00	36.35 2.25 0.00	39.14 2.61 0.00	31.48 2.14 0.00	29.68 2.08 0.00	35.12 2.62 0.00	36.01 2.70 0.00	38.29 2.64 0.00	39.21 2.67 0.00	42.92 2.98 0.00	44.19 3.03 0.00	44.55 3.22 0.00	57.39 4.02 0.00	57.11 3.77 0.00	44.00 2.68 0.00	41.72 2.60 0.00	41.42 2.70 0.00	41.60 2.57 0.00	33.14 2.13 0.00
KCE_NY_1 323755	27.15 1.36 0.00	26.86 1.36 0.00	32.92 1.74 0.00	31.83 1.70 0.00	31.56 1.65 0.00	32.09 1.70 0.00	36.03 1.92 0.00	38.66 2.13 0.00	30.98 1.65 0.00	29.11 1.51 0.00	34.10 1.60 0.00	34.95 1.64 0.00	37.39 1.74 0.00	38.49 1.95 0.00	42.17 2.23 0.00	43.48 2.32 0.00	43.80 2.47 0.00	56.56 3.19 0.00	56.88 3.54 0.00	44.11 2.80 0.00	41.80 2.68 0.00	41.23 2.51 0.00	41.41 2.38 0.00	32.79 1.78 0.00
KCE_NY_6_ESR 323823	25.51 -0.27 0.00	25.16 -0.34 0.00	30.56 -0.62 0.00	29.40 -0.73 0.00	28.93 -0.98 0.00	29.66 -0.74 0.00	33.22 -0.89 0.00	35.20 -1.34 0.00	28.63 -0.71 0.00	27.22 -0.39 0.00	32.45 -0.05 0.00	33.66 0.35 0.00	36.43 0.78 0.00	37.63 1.09 0.00	41.63 1.69 0.00	43.11 1.95 0.00	43.04 1.70 0.00	55.55 2.18 0.00	55.01 1.68 0.00	42.65 1.33 0.00	40.01 0.89 0.00	39.50 0.77 0.00	40.07 1.04 0.00	31.57 0.56 0.00
KEDC_PORT_JEFF_GT2 24210	27.81 2.02 0.00	27.52 1.90 -0.12	33.71 2.53 0.00	32.66 2.53 0.00	40.22 2.52 -7.79	33.08 2.68 0.00	37.09 2.99 0.00	41.24 3.52 -1.18	31.92 2.59 0.00	30.18 2.53 -0.05	109.02 3.42 -73.08	70.01 3.35 -33.35	38.55 2.90 0.00	39.15 2.61 0.00	42.63 2.68 0.00	43.84 2.68 0.00	44.24 2.93 0.02	69.24 3.73 -12.14	86.75 3.39 -30.02	43.57 2.25 0.00	41.30 2.18 0.00	40.99 2.27 0.00	41.38 2.35 0.00	33.24 2.23 0.00
KEDC_PORT_JEFF_GT3 24211	27.81 2.02 0.00	27.52 1.90 -0.12	33.71 2.53 0.00	32.66 2.53 0.00	40.22 2.52 -7.79	33.08 2.68 0.00	37.09 2.99 0.00	41.24 3.52 -1.18	31.92 2.59 0.00	30.18 2.53 -0.05	109.02 3.42 -73.08	70.01 3.35 -33.35	38.55 2.90 0.00	39.15 2.61 0.00	42.63 2.68 0.00	43.84 2.68 0.00	44.24 2.93 0.02	69.24 3.73 -12.14	86.75 3.39 -30.02	43.57 2.25 0.00	41.30 2.18 0.00	40.99 2.27 0.00	41.38 2.35 0.00	33.24 2.23 0.00
KEDC_GLWD_GT4 24219	27.97 2.19 0.00	27.60 1.98 -0.12	33.60 2.42 0.00	32.52 2.40 0.00	40.03 2.34 -7.79	32.88 2.49 0.00	36.94 2.83 0.00	41.00 3.28 -1.18	31.90 2.56 0.00	30.16 2.51 -0.05	40.68 3.33 -4.85	38.56 3.36 -1.89	38.51 2.86 0.00	39.27 2.73 0.00	42.85 2.91 0.00	43.99 2.83 0.00	44.46 3.18 0.05	57.27 3.97 0.06	56.94 3.61 0.00	43.76 2.44 0.00	41.46 2.34 0.00	41.24 2.52 0.00	41.78 2.75 0.00	33.40 2.39 0.00
KEDC_GLWD_GT5 24220	27.97 2.19 0.00	27.60 1.98 -0.12	33.60 2.42 0.00	32.52 2.40 0.00	40.03 2.34 -7.79	32.88 2.49 0.00	36.94 2.83 0.00	41.00 3.28 -1.18	31.90 2.56 0.00	30.16 2.51 -0.05	40.68 3.33 -4.85	38.56 3.36 -1.89	38.51 2.86 0.00	39.27 2.73 0.00	42.85 2.91 0.00	43.99 2.83 0.00	44.46 3.18 0.05	57.27 3.97 0.06	56.94 3.61 0.00	43.76 2.44 0.00	41.46 2.34 0.00	41.24 2.52 0.00	41.78 2.75 0.00	33.40 2.39 0.00

KENSICO____ 23655	27.59 1.81 0.00	27.02 1.53 0.00	32.97 1.79 0.00	31.90 1.77 0.00	31.61 1.70 0.00	32.24 1.84 0.00	36.25 2.15 0.00	39.02 2.48 0.00	31.35 2.02 0.00	29.54 1.94 0.00	34.99 2.48 0.00	35.85 2.55 0.00	38.06 2.41 0.00	38.94 2.40 0.00	42.59 2.65 0.00	43.82 2.66 0.00	44.21 2.87 0.00	56.91 3.55 0.00	56.61 3.28 0.00	43.60 2.28 0.00	41.38 2.26 0.00	41.14 2.42 0.00	41.34 2.31 0.00	32.99 1.98 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.63 1.85 0.00	27.07 1.57 0.00	32.99 1.81 0.00	31.89 1.76 0.00	31.57 1.66 0.00	32.21 1.81 0.00	36.19 2.09 0.00	38.96 2.42 0.00	31.27 1.94 0.00	29.53 1.92 0.00	34.97 2.46 0.00	35.92 2.61 0.00	38.38 2.73 0.00	39.35 2.81 0.00	42.95 3.00 0.00	44.35 3.19 0.00	44.81 3.48 0.00	57.71 4.34 0.00	57.58 4.24 0.00	44.40 3.09 0.00	42.08 2.96 0.00	41.70 2.97 0.00	41.79 2.76 0.00	33.20 2.18 0.00
KIAC_JFK_GT1 23816	27.72 1.93 0.00	27.13 1.64 0.00	33.21 2.03 0.00	32.14 2.02 0.00	31.85 1.94 0.00	32.53 2.13 0.00	36.51 2.41 0.00	39.22 2.68 0.00	31.55 2.22 0.00	29.72 2.12 0.00	35.23 2.73 0.00	36.14 2.83 0.00	38.29 2.64 0.00	39.17 2.63 0.00	42.90 2.95 0.00	44.07 2.91 0.00	44.42 3.09 0.00	57.19 3.82 0.00	56.86 3.52 0.00	43.75 2.43 0.00	41.51 2.39 0.00	41.39 2.66 0.00	41.55 2.52 0.00	33.25 2.24 0.00
KIAC_JFK_GT2 23817	27.72 1.93 0.00	27.13 1.64 0.00	33.21 2.03 0.00	32.14 2.02 0.00	31.85 1.94 0.00	32.53 2.13 0.00	36.51 2.41 0.00	39.22 2.68 0.00	31.55 2.22 0.00	29.72 2.12 0.00	35.23 2.73 0.00	36.14 2.83 0.00	38.29 2.64 0.00	39.17 2.63 0.00	42.90 2.95 0.00	44.07 2.91 0.00	44.42 3.09 0.00	57.19 3.82 0.00	56.86 3.52 0.00	43.75 2.43 0.00	41.51 2.39 0.00	41.39 2.66 0.00	41.55 2.52 0.00	33.25 2.24 0.00
KIAC_JFK____ 323774	27.72 1.93 0.00	27.13 1.64 0.00	33.21 2.03 0.00	32.14 2.01 0.00	31.85 1.94 0.00	32.52 2.13 0.00	36.51 2.41 0.00	39.22 2.68 0.00	31.55 2.22 0.00	29.73 2.12 0.00	35.23 2.73 0.00	36.13 2.83 0.00	38.29 2.64 0.00	39.18 2.64 0.00	42.90 2.96 0.00	44.07 2.91 0.00	44.42 3.09 0.00	57.18 3.82 0.00	56.87 3.53 0.00	43.74 2.43 0.00	41.51 2.39 0.00	41.39 2.66 0.00	41.55 2.52 0.00	33.25 2.23 0.00
KINTIGH____ 23543	25.13 -0.66 0.00	24.84 -0.66 0.00	30.19 -0.99 0.00	29.06 -1.07 0.00	28.62 -1.29 0.00	29.33 -1.07 0.00	32.82 -1.29 0.00	34.76 -1.78 0.00	28.22 -1.11 0.00	26.76 -0.84 0.00	31.83 -0.67 0.00	32.96 -0.35 0.00	35.68 0.03 0.00	36.81 0.27 0.00	40.63 0.69 0.00	42.00 0.84 0.00	41.92 0.59 0.00	54.13 0.76 0.00	53.74 0.40 0.00	41.61 0.29 0.00	39.08 -0.04 0.00	38.63 -0.09 0.00	39.17 0.14 0.00	30.94 -0.07 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.94 0.94 5.79	8.52 0.93 17.90	23.86 1.16 8.47	31.26 1.20 0.07	31.16 1.25 0.00	31.34 1.16 0.21	35.52 1.56 0.14	37.96 1.43 0.00	30.28 0.95 0.00	28.32 0.72 0.00	32.99 0.49 0.00	30.66 0.32 2.97	36.25 0.60 0.00	34.30 0.59 2.83	40.69 0.75 0.00	41.61 0.59 0.14	41.29 -0.04 0.00	53.45 0.08 0.00	53.57 0.23 0.00	41.97 0.65 0.00	39.74 0.62 0.00	39.19 0.47 0.00	39.88 0.85 0.00	31.26 0.25 0.00
LACHUTE__HYDRO 323717	27.71 1.92 0.00	27.68 2.19 0.00	34.44 3.26 0.00	33.25 3.13 0.00	33.00 3.09 0.00	33.66 3.26 0.00	37.83 3.72 0.00	40.58 4.04 0.00	32.29 2.96 0.00	30.11 2.51 0.00	34.93 2.43 0.00	35.92 2.61 0.00	38.50 2.86 0.00	39.97 3.44 0.00	43.88 3.93 0.00	45.43 4.27 0.00	45.97 4.64 0.00	59.88 6.52 0.00	60.45 7.11 0.00	46.93 5.61 0.00	44.62 5.50 0.00	43.44 4.72 0.00	43.80 4.77 0.00	34.40 3.39 0.00
LAWRNCAL_115KV_TB1 80681	-43.56 -1.10 68.25	-186.81 -1.00 211.31	-69.85 -1.22 99.81	28.14 -1.12 0.86	29.27 -0.68 -0.05	26.84 -1.24 2.32	31.45 -1.31 1.35	35.48 -1.41 -0.35	28.29 -1.20 -0.16	26.52 -1.21 -0.12	31.18 -1.57 -0.25	-3.04 -1.64 34.71	34.43 -1.59 -0.37	1.43 -1.79 33.32	38.28 -2.16 -0.50	37.74 -2.29 1.14	39.35 -2.52 -0.54	51.11 -3.15 -0.89	51.29 -2.93 -0.89	39.75 -2.10 -0.54	37.68 -1.91 -0.47	37.39 -1.78 -0.45	37.72 -1.75 -0.43	29.77 -1.46 -0.23
LEDERLE____ 23769	27.58 1.79 0.00	27.00 1.51 0.00	32.91 1.73 0.00	31.85 1.72 0.00	31.55 1.64 0.00	32.19 1.79 0.00	36.19 2.09 0.00	38.94 2.40 0.00	31.32 1.98 0.00	29.54 1.94 0.00	35.00 2.49 0.00	35.91 2.60 0.00	38.17 2.52 0.00	39.10 2.56 0.00	42.79 2.85 0.00	44.07 2.92 0.00	44.47 3.13 0.00	57.28 3.92 0.00	56.97 3.63 0.00	43.81 2.49 0.00	41.57 2.45 0.00	41.28 2.56 0.00	41.44 2.41 0.00	33.02 2.01 0.00
LIGHTHSE_115KV_TB6 355974	19.28 -0.42 6.09	4.91 -0.45 20.14	22.56 -0.59 8.03	29.50 -0.60 0.02	29.71 -0.60 -0.41	31.29 -0.56 -1.46	35.97 -0.58 -2.45	39.06 -0.64 -3.16	30.28 -0.43 -1.37	28.33 -0.33 -1.06	34.48 -0.34 -2.32	32.15 -0.29 0.87	38.57 -0.24 -3.16	33.22 -0.33 2.98	43.79 -0.42 -4.26	45.19 -0.40 -4.42	45.63 -0.34 -4.64	60.70 -0.34 -7.67	60.77 -0.22 -7.65	45.94 -0.01 -4.63	43.22 0.05 -4.05	42.69 0.08 -3.89	42.78 0.00 -3.74	32.78 -0.17 -1.94
LINDEN COGEN____ 23786	27.68 1.90 0.00	27.08 1.59 0.00	32.97 1.79 0.00	31.92 1.79 0.00	31.62 1.71 0.00	32.27 1.88 0.00	36.28 2.17 0.00	39.05 2.51 0.00	31.40 2.07 0.00	29.60 1.99 0.00	35.07 2.57 0.00	35.93 2.62 0.00	38.06 2.41 0.00	38.92 2.38 0.00	41.53 2.58 1.00	43.73 2.57 0.00	44.10 2.77 0.00	56.68 3.32 0.01	55.25 2.99 1.08	43.07 2.08 0.32	41.28 2.16 0.00	41.09 2.36 0.00	41.32 2.29 0.00	33.07 2.06 0.00
LINDHRST_69_KV_BK1 356055	28.06 2.27 0.00	27.74 2.13 -0.12	33.83 2.65 0.00	32.76 2.63 0.00	40.27 2.58 -7.79	33.11 2.72 0.00	37.19 3.09 0.00	41.29 3.57 -1.18	32.06 2.73 0.00	30.32 2.66 -0.05	46.02 3.53 -9.98	41.83 3.55 -4.97	38.89 3.24 0.00	39.59 3.05 0.00	43.18 3.23 0.00	44.27 3.11 0.00	44.73 3.45 0.05	58.60 4.38 -0.86	59.61 4.07 -2.20	44.11 2.79 0.00	41.78 2.67 0.00	41.54 2.81 0.00	41.92 2.89 0.00	33.55 2.54 0.00
LIPA_MISC_IPP 23656	27.78 2.00 0.00	27.51 1.90 -0.12	33.71 2.53 0.00	32.65 2.52 0.00	40.25 2.56 -7.79	33.12 2.73 0.00	37.15 3.04 0.00	41.29 3.57 -1.18	31.96 2.63 0.00	30.24 2.58 -0.05	98.42 3.51 -62.41	65.61 3.55 -28.75	38.82 3.18 0.00	39.44 2.90 0.00	42.96 3.02 0.00	44.22 3.06 0.00	44.63 3.32 0.02	67.84 4.23 -10.24	81.97 3.87 -24.76	43.92 2.60 0.00	41.65 2.52 0.00	41.32 2.60 0.00	41.62 2.59 0.00	33.31 2.29 0.00
LISF__SOLAR 323691	27.87 2.08 0.00	27.60 1.98 -0.12	33.81 2.63 0.00	32.73 2.61 0.00	40.34 2.65 -7.79	33.22 2.82 0.00	37.26 3.15 0.00	41.42 3.70 -1.18	32.06 2.73 0.00	30.32 2.67 -0.05	99.36 3.61 -63.25	66.09 3.65 -29.13	38.95 3.30 0.00	39.56 3.02 0.00	43.11 3.17 0.00	44.40 3.25 0.00	44.80 3.49 0.02	68.21 4.46 -10.39	82.66 4.10 -25.22	44.10 2.78 0.00	41.83 2.71 0.00	41.50 2.77 0.00	41.77 2.74 0.00	33.42 2.41 0.00

LITTLE FALLS___HYD 24013	25.01 0.63 1.41	21.71 0.56 4.35	29.89 0.77 2.06	30.87 0.77 0.02	30.58 0.67 0.00	31.07 0.72 0.05	34.88 0.81 0.03	37.36 0.82 0.00	29.90 0.57 0.00	28.05 0.45 0.00	32.68 0.18 0.00	32.71 0.12 0.72	35.87 0.22 0.00	36.25 0.40 0.69	40.36 0.42 0.00	41.66 0.53 0.03	42.03 0.69 0.00	54.37 1.01 0.00	54.77 1.43 0.00	42.72 1.41 0.00	40.56 1.44 0.00	39.99 1.26 0.00	40.23 1.20 0.00	31.84 0.83 0.00
LITTLRIV_115KV_TB1 356100	-40.18 -0.76 65.20	-177.05 -0.67 201.87	-64.97 -0.82 95.33	28.56 -0.75 0.82	29.68 -0.28 -0.05	27.37 -0.83 2.19	32.01 -0.85 1.26	35.99 -0.93 -0.38	28.66 -0.84 -0.17	26.84 -0.89 -0.13	31.48 -1.30 -0.27	-1.14 -1.32 33.12	34.83 -1.21 -0.39	3.28 -1.43 31.83	38.71 -1.76 -0.53	38.17 -1.97 1.02	39.68 -2.23 -0.58	51.54 -2.78 -0.95	51.79 -2.50 -0.95	40.28 -1.61 -0.58	38.29 -1.33 -0.50	38.01 -1.20 -0.48	38.31 -1.19 -0.47	30.21 -1.04 -0.24
LI_NEWBRDGE___DRP 323616	27.64 1.85 0.00	27.29 1.67 -0.12	33.28 2.11 0.00	32.23 2.10 0.00	39.75 2.06 -7.79	32.58 2.18 0.00	36.58 2.47 0.00	40.58 2.87 -1.18	31.51 2.17 0.00	29.79 2.13 -0.05	40.20 2.85 -4.85	38.10 2.91 -1.89	38.24 2.59 0.00	38.96 2.42 0.00	42.49 2.54 0.00	43.62 2.46 0.00	44.09 2.76 0.00	56.73 3.36 0.00	56.39 3.05 0.00	43.35 2.04 0.00	41.10 1.98 0.00	40.89 2.17 0.00	41.19 2.16 0.00	32.97 1.96 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.14 -0.65 0.00	24.85 -0.64 0.00	30.14 -1.04 0.00	28.97 -1.16 0.00	28.50 -1.40 0.00	29.28 -1.11 0.00	32.75 -1.35 0.00	34.65 -1.89 0.00	28.17 -1.16 0.00	26.72 -0.88 0.00	31.80 -0.71 0.00	32.97 -0.34 0.00	35.80 0.15 0.00	37.02 0.48 0.00	40.96 1.02 0.00	42.36 1.20 0.00	42.24 0.90 0.00	54.41 1.04 0.00	53.85 0.51 0.00	41.76 0.44 0.00	39.22 0.10 0.00	38.79 0.07 0.00	39.37 0.33 0.00	31.14 0.13 0.00
LOCKPORT___CC1 323769	25.09 -0.70 0.00	24.78 -0.72 0.00	30.08 -1.10 0.00	28.91 -1.21 0.00	28.44 -1.46 0.00	29.22 -1.18 0.00	32.68 -1.42 0.00	34.56 -1.98 0.00	28.07 -1.26 0.00	26.61 -0.99 0.00	31.69 -0.82 0.00	32.88 -0.43 0.00	35.67 0.02 0.00	36.87 0.34 0.00	40.76 0.82 0.00	42.16 1.00 0.00	42.04 0.71 0.00	54.18 0.82 0.00	53.63 0.29 0.00	41.60 0.28 0.00	39.06 -0.06 0.00	38.63 -0.09 0.00	39.22 0.18 0.00	31.00 -0.01 0.00
LOCKPORT___CC2 323770	25.09 -0.70 0.00	24.78 -0.72 0.00	30.08 -1.10 0.00	28.91 -1.21 0.00	28.44 -1.46 0.00	29.22 -1.18 0.00	32.68 -1.42 0.00	34.56 -1.98 0.00	28.07 -1.26 0.00	26.61 -0.99 0.00	31.69 -0.82 0.00	32.88 -0.43 0.00	35.67 0.02 0.00	36.87 0.34 0.00	40.76 0.82 0.00	42.16 1.00 0.00	42.04 0.71 0.00	54.18 0.82 0.00	53.63 0.29 0.00	41.60 0.28 0.00	39.06 -0.06 0.00	38.63 -0.09 0.00	39.22 0.18 0.00	31.00 -0.01 0.00
LOCKPORT___CC3 323771	25.09 -0.70 0.00	24.78 -0.72 0.00	30.08 -1.10 0.00	28.91 -1.21 0.00	28.44 -1.46 0.00	29.22 -1.18 0.00	32.68 -1.42 0.00	34.56 -1.98 0.00	28.07 -1.26 0.00	26.61 -0.99 0.00	31.69 -0.82 0.00	32.88 -0.43 0.00	35.67 0.02 0.00	36.87 0.34 0.00	40.76 0.82 0.00	42.16 1.00 0.00	42.04 0.71 0.00	54.18 0.82 0.00	53.63 0.29 0.00	41.60 0.28 0.00	39.06 -0.06 0.00	38.63 -0.09 0.00	39.22 0.18 0.00	31.00 -0.01 0.00
LONG_LAKE_PHOENIX 24014	24.03 -0.46 1.29	19.17 -0.49 5.83	29.90 -0.64 0.63	29.54 -0.65 -0.06	29.79 -0.68 -0.57	32.11 -0.61 -2.33	37.08 -0.66 -3.64	40.25 -0.76 -4.47	30.73 -0.54 -1.94	28.63 -0.48 -1.50	35.33 -0.45 -3.28	35.48 -0.35 -2.52	39.75 -0.36 -4.46	35.51 -0.38 0.65	45.70 -0.27 -6.03	47.36 -0.24 -6.44	47.64 -0.25 -6.56	63.97 -0.24 -10.85	63.96 -0.21 -10.82	47.75 -0.11 -6.54	44.70 -0.14 -5.72	44.02 -0.20 -5.50	44.08 -0.24 -5.29	33.45 -0.30 -2.74
LOVETT___3 23632	27.43 1.65 0.00	26.87 1.37 0.00	32.76 1.58 0.00	31.70 1.58 0.00	31.40 1.50 0.00	32.04 1.64 0.00	36.02 1.92 0.00	38.75 2.21 0.00	31.14 1.81 0.00	29.36 1.75 0.00	34.78 2.28 0.00	35.67 2.36 0.00	37.89 2.25 0.00	38.80 2.26 0.00	42.45 2.50 0.00	43.70 2.54 0.00	44.09 2.76 0.00	56.79 3.42 0.00	56.49 3.15 0.00	43.45 2.13 0.00	41.23 2.11 0.00	40.98 2.26 0.00	41.15 2.11 0.00	32.82 1.80 0.00
LOVETT___4 23642	27.43 1.65 0.00	26.87 1.37 0.00	32.76 1.58 0.00	31.70 1.58 0.00	31.40 1.50 0.00	32.04 1.64 0.00	36.02 1.92 0.00	38.75 2.21 0.00	31.14 1.81 0.00	29.36 1.75 0.00	34.78 2.28 0.00	35.67 2.36 0.00	37.89 2.25 0.00	38.80 2.26 0.00	42.45 2.50 0.00	43.70 2.54 0.00	44.09 2.76 0.00	56.79 3.42 0.00	56.49 3.15 0.00	43.45 2.13 0.00	41.23 2.11 0.00	40.98 2.26 0.00	41.15 2.11 0.00	32.82 1.80 0.00
LOVETT___5 23593	27.43 1.65 0.00	26.87 1.37 0.00	32.76 1.58 0.00	31.70 1.58 0.00	31.40 1.50 0.00	32.04 1.64 0.00	36.02 1.92 0.00	38.75 2.21 0.00	31.14 1.81 0.00	29.36 1.75 0.00	34.78 2.28 0.00	35.67 2.36 0.00	37.89 2.25 0.00	38.80 2.26 0.00	42.45 2.50 0.00	43.70 2.54 0.00	44.09 2.76 0.00	56.79 3.42 0.00	56.49 3.15 0.00	43.45 2.13 0.00	41.23 2.11 0.00	40.98 2.26 0.00	41.15 2.11 0.00	32.82 1.80 0.00
LOWER RAQUET___HYD 24057	-37.75 -1.20 62.33	-168.61 -1.10 193.00	-61.29 -1.35 91.12	28.09 -1.25 0.79	29.14 -0.81 -0.05	26.97 -1.35 2.07	31.50 -1.44 1.16	35.40 -1.55 -0.41	28.20 -1.32 -0.18	26.43 -1.31 -0.14	31.09 -1.70 -0.29	-0.10 -1.78 31.63	34.34 -1.73 -0.42	4.17 -1.94 30.43	38.19 -2.32 -0.56	37.78 -2.47 0.91	39.23 -2.71 -0.61	51.00 -3.38 -1.02	51.21 -3.14 -1.02	39.70 -2.23 -0.61	37.64 -2.02 -0.54	37.36 -1.88 -0.52	37.65 -1.88 -0.50	29.69 -1.58 -0.26
LOWER___HUDSON 24059	26.84 1.06 0.00	26.55 1.05 0.00	32.54 1.36 0.00	31.48 1.35 0.00	31.19 1.29 0.00	31.71 1.31 0.00	35.57 1.46 0.00	38.18 1.64 0.00	30.62 1.29 0.00	28.77 1.17 0.00	33.67 1.16 0.00	34.49 1.18 0.00	36.91 1.26 0.00	37.99 1.45 0.00	41.56 1.62 0.00	42.70 1.54 0.00	42.99 1.66 0.00	55.52 2.16 0.00	55.71 2.38 0.00	43.21 1.89 0.00	40.95 1.82 0.00	40.41 1.68 0.00	40.53 1.50 0.00	32.18 1.17 0.00
LOWVILLE_115KV_TB2 356335	8.22 0.08 17.65	-29.47 0.03 55.00	5.62 0.02 25.58	29.92 0.00 0.21	30.13 0.11 -0.12	30.29 0.05 0.16	34.52 0.07 -0.34	37.58 0.11 -0.93	29.92 0.18 -0.40	28.15 0.23 -0.31	33.38 0.20 -0.68	25.21 0.28 8.38	36.94 0.36 -0.93	28.12 0.21 8.62	41.28 0.08 -1.26	42.21 0.13 -0.92	42.85 0.16 -1.37	55.99 0.36 -2.26	56.27 0.67 -2.26	43.48 0.80 -1.36	41.26 0.94 -1.19	40.88 1.01 -1.15	40.93 0.80 -1.10	31.97 0.39 -0.57
LUTHERFT_115KV_GLOB_FND_222 355753	27.16 1.37 0.00	26.84 1.35 0.00	32.91 1.73 0.00	31.81 1.69 0.00	31.54 1.64 0.00	32.08 1.68 0.00	36.01 1.91 0.00	38.63 2.09 0.00	30.97 1.64 0.00	29.10 1.49 0.00	34.08 1.58 0.00	34.92 1.62 0.00	37.35 1.70 0.00	38.46 1.92 0.00	42.09 2.15 0.00	43.42 2.26 0.00	43.75 2.41 0.00	56.52 3.15 0.00	56.81 3.48 0.00	44.06 2.74 0.00	41.76 2.64 0.00	41.18 2.46 0.00	41.37 2.34 0.00	32.76 1.75 0.00

LUTHERNY_35_KV_BK2 355980	27.15 1.37 0.00	26.85 1.36 0.00	32.92 1.75 0.00	31.83 1.70 0.00	31.56 1.65 0.00	32.09 1.70 0.00	36.03 1.92 0.00	38.66 2.13 0.00	30.98 1.65 0.00	29.12 1.51 0.00	34.10 1.60 0.00	34.95 1.64 0.00	37.39 1.74 0.00	38.49 1.95 0.00	42.17 2.23 0.00	43.48 2.32 0.00	43.80 2.47 0.00	56.56 3.19 0.00	56.88 3.54 0.00	44.12 2.80 0.00	41.80 2.68 0.00	41.23 2.51 0.00	41.41 2.38 0.00	32.79 1.78 0.00
LWR___OSWEGATCHIE_HYD 23850	-17.30 -0.87 42.21	-106.31 -0.87 130.93	-31.49 -1.10 61.56	28.56 -1.04 0.52	29.24 -0.77 -0.10	28.18 -1.09 1.12	32.62 -1.13 0.35	36.14 -1.20 -0.80	28.76 -0.93 -0.35	27.04 -0.84 -0.27	32.03 -1.06 -0.58	11.22 -1.04 21.05	35.49 -0.97 -0.81	14.76 -1.17 20.61	39.53 -1.51 -1.10	39.76 -1.55 -0.15	40.93 -1.59 -1.19	53.46 -1.88 -1.97	53.75 -1.56 -1.97	41.59 -0.92 -1.19	39.45 -0.72 -1.04	39.14 -0.58 -1.00	39.27 -0.73 -0.96	30.72 -0.79 -0.50
LYONS_FALL_HYD 23570	14.42 0.34 11.70	-10.71 0.28 36.48	14.56 0.32 16.94	30.28 0.30 0.14	30.35 0.36 -0.09	30.67 0.35 0.07	34.80 0.43 -0.27	37.70 0.49 -0.67	30.09 0.47 -0.29	28.33 0.50 -0.22	33.55 0.55 -0.49	28.42 0.63 5.52	36.99 0.67 -0.67	31.43 0.61 5.71	41.49 0.64 -0.90	42.51 0.67 -0.68	43.02 0.70 -0.98	56.04 1.05 -1.63	56.24 1.28 -1.62	43.47 1.17 -0.98	41.22 1.25 -0.86	40.81 1.27 -0.83	40.91 1.08 -0.79	32.07 0.64 -0.41
MADISON___COUNTY_LFGE 323628	23.14 0.82 3.46	15.27 0.74 10.96	27.17 0.86 4.87	30.90 0.81 0.03	30.79 0.80 -0.09	31.53 0.91 -0.22	35.63 1.07 -0.46	38.34 1.15 -0.66	30.59 0.97 -0.29	28.82 1.00 -0.22	34.18 1.19 -0.48	33.30 1.29 1.30	37.61 1.30 -0.66	36.20 1.35 1.69	42.48 1.65 -0.89	43.77 1.74 -0.87	44.08 1.78 -0.97	57.40 2.43 -1.60	57.42 2.48 -1.60	44.29 2.01 -0.97	41.96 2.00 -0.84	41.46 1.92 -0.81	41.57 1.75 -0.78	32.59 1.17 -0.40
MALONE___115KV_TB1 356076	3.06 0.08 22.80	-44.92 0.13 70.54	-2.05 0.15 33.38	30.03 0.19 0.29	30.27 0.36 0.00	29.67 0.12 0.84	33.84 0.29 0.55	36.77 0.23 0.01	29.43 0.10 0.00	27.57 -0.04 0.00	32.28 -0.22 0.01	21.28 -0.35 11.68	35.49 -0.15 0.00	25.17 -0.24 11.13	39.58 -0.37 0.00	40.17 -0.43 0.56	40.44 -0.89 0.00	52.41 -0.96 0.00	52.49 -0.84 0.00	40.97 -0.35 0.00	38.84 -0.28 0.00	38.45 -0.28 0.00	38.86 -0.17 0.00	30.61 -0.40 0.00
MAPLEWOD_115KV_TB3 80458	26.76 0.98 0.00	26.44 0.95 0.00	32.38 1.20 0.00	31.31 1.19 0.00	31.02 1.12 0.00	31.55 1.16 0.00	35.38 1.28 0.00	37.99 1.46 0.00	30.51 1.18 0.00	28.68 1.08 0.00	33.63 1.13 0.00	34.45 1.14 0.00	36.86 1.21 0.00	37.90 1.36 0.00	41.46 1.51 0.00	42.66 1.50 0.00	42.91 1.58 0.00	55.41 2.05 0.00	55.50 2.16 0.00	43.02 1.70 0.00	40.75 1.63 0.00	40.26 1.54 0.00	40.38 1.35 0.00	32.08 1.07 0.00
MAPLE_RIDGE_WT_1 323574	27.94 -0.21 -2.37	32.65 -0.17 -7.34	34.43 -0.22 -3.47	29.95 -0.21 -0.03	29.77 -0.14 0.00	30.24 -0.24 -0.08	33.91 -0.25 -0.06	36.16 -0.38 0.00	28.94 -0.39 0.00	27.22 -0.39 0.00	32.01 -0.50 0.00	34.33 -0.54 -1.57	35.14 -0.51 0.00	37.44 -0.59 -1.49	39.22 -0.72 0.00	40.49 -0.74 -0.07	40.47 -0.86 0.00	52.29 -1.07 0.00	52.31 -1.03 0.00	40.56 -0.75 0.00	38.39 -0.73 0.00	38.03 -0.69 0.00	38.35 -0.68 0.00	30.48 -0.53 0.00
MAPLE_RIDGE_WT_2 323611	27.94 -0.21 -2.37	32.65 -0.17 -7.34	34.43 -0.22 -3.47	29.95 -0.21 -0.03	29.77 -0.14 0.00	30.24 -0.24 -0.08	33.91 -0.25 -0.06	36.16 -0.38 0.00	28.94 -0.39 0.00	27.22 -0.39 0.00	32.01 -0.50 0.00	34.33 -0.54 -1.57	35.14 -0.51 0.00	37.44 -0.59 -1.49	39.22 -0.72 0.00	40.49 -0.74 -0.07	40.47 -0.86 0.00	52.29 -1.07 0.00	52.31 -1.03 0.00	40.56 -0.75 0.00	38.39 -0.73 0.00	38.03 -0.69 0.00	38.35 -0.68 0.00	30.48 -0.53 0.00
MARBLE_RIVER_WT_PWR 323696	22.29 0.36 3.85	13.97 0.40 11.92	26.04 0.50 5.64	30.62 0.54 0.05	30.55 0.64 0.00	30.74 0.49 0.14	34.75 0.74 0.09	37.14 0.61 0.00	29.67 0.34 0.00	27.78 0.17 0.00	32.44 -0.06 0.00	31.12 -0.21 1.97	35.64 -0.01 0.00	34.60 -0.06 1.88	39.88 -0.06 0.00	40.87 -0.19 0.09	40.64 -0.69 0.00	52.57 -0.79 0.00	52.67 -0.67 0.00	41.14 -0.18 0.00	38.95 -0.16 0.00	38.48 -0.24 0.00	39.02 -0.02 0.00	30.72 -0.29 0.00
MARSHVLE_115KV_TB1 80742	27.62 1.83 0.00	27.23 1.74 0.00	33.24 2.06 0.00	32.06 1.94 0.00	31.82 1.92 0.00	32.52 2.13 0.00	36.52 2.42 0.00	38.84 2.30 0.00	30.97 1.63 0.00	29.10 1.49 0.00	34.31 1.80 0.00	35.15 1.85 0.00	37.90 2.25 0.00	38.80 2.26 0.00	42.29 2.35 0.00	43.93 2.77 0.00	44.17 2.84 0.00	57.30 3.93 0.00	57.34 4.00 0.00	44.63 3.31 0.00	42.32 3.20 0.00	41.89 3.17 0.00	42.35 3.32 0.00	33.48 2.46 0.00
MARSH_HILL_WT_PWR 323713	26.24 0.37 -0.09	25.80 0.23 -0.08	31.56 0.12 -0.25	30.16 0.02 -0.01	29.84 -0.12 -0.06	30.75 0.11 -0.24	34.67 0.19 -0.37	36.93 -0.06 -0.45	29.67 0.14 -0.20	28.06 0.30 -0.15	33.46 0.62 -0.33	34.65 0.98 -0.37	37.29 1.19 -0.45	37.90 1.32 -0.04	42.49 1.94 -0.61	44.04 2.22 -0.66	44.17 2.17 -0.67	57.23 2.76 -1.10	56.84 2.38 -1.11	44.05 2.05 -0.68	41.51 1.80 -0.59	40.87 1.58 -0.57	41.34 1.76 -0.55	31.97 0.67 -0.28
MCINTYRE_115KV_TB2 80467	-44.56 -0.47 69.88	-191.06 -0.36 216.19	-71.56 -0.45 102.29	28.85 -0.39 0.89	29.97 0.07 0.00	27.35 -0.47 2.57	31.97 -0.45 1.69	36.02 -0.50 0.02	28.80 -0.54 0.00	26.98 -0.63 0.00	31.44 -1.04 0.02	-3.53 -1.04 35.80	34.75 -0.90 0.00	1.29 -1.14 34.11	38.51 -1.44 0.00	37.82 -1.63 1.71	39.41 -1.93 0.00	50.97 -2.40 0.00	51.20 -2.14 0.00	40.06 -1.26 0.00	38.20 -0.92 0.00	37.95 -0.78 0.00	38.28 -0.75 0.00	30.33 -0.68 0.00
MECO_____69_KV_BK1 80468	28.97 3.19 0.00	28.51 3.01 0.00	34.73 3.55 0.00	33.50 3.37 0.00	33.22 3.32 0.00	33.98 3.58 0.00	38.17 4.06 0.00	39.13 2.59 0.00	31.46 2.13 0.00	28.84 1.24 0.00	32.91 0.41 0.00	34.06 0.75 0.00	37.48 1.83 0.00	38.98 2.45 0.00	41.71 1.76 0.00	44.32 3.16 0.00	44.85 3.52 0.00	58.44 5.08 0.00	60.91 7.57 0.00	47.71 6.39 0.00	45.29 6.17 0.00	44.67 5.95 0.00	44.83 5.79 0.00	35.30 4.29 0.00
MENANDS___115KV_TB5 355628	26.56 0.78 0.00	26.25 0.76 0.00	32.17 0.99 0.00	31.11 0.98 0.00	30.83 0.93 0.00	31.35 0.96 0.00	35.15 1.04 0.00	37.76 1.22 0.00	30.31 0.98 0.00	28.49 0.89 0.00	33.40 0.90 0.00	34.21 0.90 0.00	36.58 0.93 0.00	37.61 1.07 0.00	41.12 1.18 0.00	42.27 1.11 0.00	42.52 1.19 0.00	54.92 1.56 0.00	54.97 1.63 0.00	42.60 1.28 0.00	40.36 1.24 0.00	39.89 1.17 0.00	40.01 0.97 0.00	31.81 0.80 0.00
MG INDUSTRY___DRP 24185	26.49 0.71 0.00	26.18 0.69 0.00	32.08 0.90 0.00	31.03 0.90 0.00	30.75 0.84 0.00	31.29 0.89 0.00	35.05 0.95 0.00	37.61 1.07 0.00	30.15 0.82 0.00	28.37 0.77 0.00	33.26 0.76 0.00	34.01 0.70 0.00	36.31 0.66 0.00	37.27 0.73 0.00	40.78 0.83 0.00	41.87 0.71 0.00	42.10 0.76 0.00	54.59 1.22 0.00	54.61 1.27 0.00	42.39 1.07 0.00	40.17 1.06 0.00	39.73 1.01 0.00	39.95 0.91 0.00	31.80 0.78 0.00

MID___OSWEGATCHIE_HYD 23849	-17.30 -0.87 42.21	-106.31 -0.87 130.93	-31.49 -1.10 61.56	28.56 -1.04 0.52	29.24 -0.77 -0.10	28.18 -1.09 1.12	32.62 -1.13 0.35	36.14 -1.20 -0.80	28.76 -0.93 -0.35	27.04 -0.84 -0.27	32.03 -1.06 -0.58	11.22 -1.04 21.05	35.49 -0.97 -0.81	14.76 -1.17 20.61	39.53 -1.51 -1.10	39.76 -1.55 -0.15	40.93 -1.59 -1.19	53.46 -1.88 -1.97	53.75 -1.56 -1.97	41.59 -0.92 -1.19	39.45 -0.72 -1.04	39.14 -0.58 -1.00	39.27 -0.73 -0.96	30.72 -0.79 -0.50
MID___RAQUETTE_HYD 23851	-37.75 -1.20 62.33	-168.61 -1.11 193.00	-61.29 -1.35 91.12	28.09 -1.25 0.79	29.14 -0.81 -0.05	26.97 -1.36 2.07	31.50 -1.44 1.16	35.40 -1.55 -0.41	28.20 -1.32 -0.18	26.43 -1.31 -0.14	31.09 -1.70 -0.29	-0.10 -1.77 31.63	34.34 -1.73 -0.42	4.17 -1.94 30.43	38.19 -2.32 -0.56	37.78 -2.47 0.91	39.23 -2.71 -0.61	51.00 -3.38 -1.02	51.21 -3.14 -1.02	39.70 -2.23 -0.61	37.64 -2.02 -0.54	37.36 -1.88 -0.52	37.66 -1.87 -0.50	29.69 -1.58 -0.26
MILLIKEN___1 23584	26.66 0.61 -0.26	26.27 0.53 -0.24	32.54 0.59 -0.78	30.68 0.53 -0.03	30.57 0.48 -0.18	31.77 0.62 -0.75	36.00 0.74 -1.15	38.67 0.74 -1.39	30.57 0.64 -0.60	28.72 0.65 -0.47	34.36 0.83 -1.02	35.39 0.96 -1.13	38.08 1.04 -1.39	37.76 1.10 -0.12	43.19 1.37 -1.88	44.63 1.46 -2.02	45.00 1.63 -2.04	58.97 2.23 -3.38	59.03 2.31 -3.38	45.25 1.90 -2.04	42.71 1.80 -1.78	42.10 1.66 -1.72	42.23 1.55 -1.65	32.86 0.99 -0.85
MILLIKEN___2 23585	26.66 0.61 -0.26	26.27 0.53 -0.24	32.54 0.59 -0.78	30.68 0.53 -0.03	30.57 0.48 -0.18	31.77 0.62 -0.75	36.00 0.74 -1.15	38.67 0.74 -1.39	30.57 0.64 -0.60	28.72 0.65 -0.47	34.36 0.83 -1.02	35.39 0.96 -1.13	38.08 1.04 -1.39	37.76 1.10 -0.12	43.19 1.37 -1.88	44.63 1.46 -2.02	45.00 1.63 -2.04	58.97 2.23 -3.38	59.03 2.31 -3.38	45.25 1.90 -2.04	42.71 1.80 -1.78	42.10 1.66 -1.72	42.23 1.55 -1.65	32.86 0.99 -0.85
MILLIKEN___DIESEL 23629	26.66 0.61 -0.26	26.27 0.53 -0.24	32.54 0.59 -0.78	30.68 0.53 -0.03	30.57 0.48 -0.18	31.77 0.62 -0.75	36.00 0.74 -1.15	38.67 0.74 -1.39	30.57 0.64 -0.60	28.72 0.65 -0.47	34.36 0.83 -1.02	35.39 0.96 -1.13	38.08 1.04 -1.39	37.76 1.10 -0.12	43.19 1.37 -1.88	44.63 1.46 -2.02	45.00 1.63 -2.04	58.97 2.23 -3.38	59.03 2.31 -3.38	45.25 1.90 -2.04	42.71 1.80 -1.78	42.10 1.66 -1.72	42.23 1.55 -1.65	32.86 0.99 -0.85
MILLSEAT___LFGE 323607	25.71 -0.07 0.00	25.37 -0.12 0.00	30.80 -0.38 0.00	29.62 -0.50 0.00	29.16 -0.74 0.00	29.95 -0.45 0.00	33.54 -0.56 0.00	35.55 -0.98 0.00	28.88 -0.45 0.00	27.37 -0.24 0.00	32.57 0.07 0.00	33.79 0.48 0.00	36.71 1.06 0.00	37.91 1.37 0.00	41.89 1.95 0.00	43.39 2.23 0.00	43.34 2.01 0.00	55.96 2.60 0.00	55.41 2.07 0.00	43.04 1.72 0.00	40.46 1.33 0.00	39.97 1.25 0.00	40.45 1.42 0.00	31.91 0.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.52 1.73 0.00	26.97 1.47 0.00	32.89 1.71 0.00	31.83 1.71 0.00	31.52 1.62 0.00	32.16 1.76 0.00	36.16 2.06 0.00	38.91 2.38 0.00	31.27 1.94 0.00	29.47 1.87 0.00	34.89 2.39 0.00	35.76 2.45 0.00	37.97 2.33 0.00	38.85 2.32 0.00	42.51 2.56 0.00	43.74 2.59 0.00	44.13 2.79 0.00	56.81 3.44 0.00	56.53 3.19 0.00	43.54 2.22 0.00	41.31 2.19 0.00	41.07 2.34 0.00	41.26 2.23 0.00	32.91 1.90 0.00
MILLWOOD_13_KV_LOAD 356217	27.62 1.83 0.00	27.05 1.56 0.00	32.99 1.81 0.00	31.92 1.79 0.00	31.62 1.71 0.00	32.25 1.86 0.00	36.27 2.16 0.00	39.04 2.51 0.00	31.38 2.04 0.00	29.59 1.99 0.00	35.03 2.52 0.00	35.90 2.59 0.00	38.13 2.48 0.00	39.03 2.49 0.00	42.70 2.76 0.00	43.95 2.79 0.00	44.32 2.99 0.00	57.07 3.71 0.00	56.79 3.45 0.00	43.75 2.43 0.00	41.50 2.37 0.00	41.24 2.52 0.00	41.42 2.39 0.00	33.04 2.03 0.00
MODEL_CITY_ENERGY 24167	24.88 -0.90 0.00	24.59 -0.90 0.00	29.86 -1.32 0.00	28.71 -1.42 0.00	28.23 -1.67 0.00	29.03 -1.37 0.00	32.45 -1.65 0.00	34.30 -2.24 0.00	27.90 -1.43 0.00	26.49 -1.12 0.00	31.52 -0.99 0.00	32.71 -0.60 0.00	35.49 -0.16 0.00	36.67 0.13 0.00	40.54 0.60 0.00	41.96 0.81 0.00	41.82 0.48 0.00	53.86 0.49 0.00	53.24 -0.10 0.00	41.30 -0.02 0.00	38.78 -0.34 0.00	38.36 -0.36 0.00	38.97 -0.06 0.00	30.87 -0.14 0.00
MODERN_LFGE___ 323580	24.88 -0.90 0.00	24.59 -0.90 0.00	29.86 -1.32 0.00	28.71 -1.42 0.00	28.23 -1.67 0.00	29.03 -1.37 0.00	32.45 -1.65 0.00	34.30 -2.24 0.00	27.90 -1.43 0.00	26.49 -1.12 0.00	31.52 -0.99 0.00	32.71 -0.60 0.00	35.49 -0.16 0.00	36.67 0.13 0.00	40.54 0.60 0.00	41.96 0.81 0.00	41.82 0.48 0.00	53.86 0.49 0.00	53.24 -0.10 0.00	41.30 -0.02 0.00	38.78 -0.34 0.00	38.36 -0.36 0.00	38.97 -0.06 0.00	30.87 -0.14 0.00
MOHAWK_PAPER___DRP 24187	26.76 0.98 0.00	26.44 0.95 0.00	32.38 1.20 0.00	31.31 1.19 0.00	31.02 1.12 0.00	31.55 1.16 0.00	35.38 1.28 0.00	37.99 1.46 0.00	30.51 1.18 0.00	28.68 1.08 0.00	33.63 1.13 0.00	34.45 1.14 0.00	36.86 1.21 0.00	37.90 1.36 0.00	41.46 1.51 0.00	42.66 1.50 0.00	42.91 1.58 0.00	55.41 2.05 0.00	55.50 2.16 0.00	43.02 1.70 0.00	40.75 1.63 0.00	40.26 1.54 0.00	40.38 1.35 0.00	32.08 1.07 0.00
MOHICAN___35_KV_115KV_LD 80490	27.14 1.35 0.00	26.86 1.37 0.00	33.03 1.85 0.00	31.93 1.80 0.00	31.68 1.78 0.00	32.20 1.81 0.00	36.20 2.09 0.00	38.86 2.32 0.00	31.11 1.77 0.00	29.17 1.57 0.00	34.04 1.54 0.00	34.97 1.67 0.00	37.33 1.68 0.00	38.54 2.00 0.00	42.13 2.18 0.00	43.57 2.41 0.00	43.89 2.55 0.00	56.83 3.46 0.00	57.37 4.03 0.00	44.54 3.22 0.00	42.28 3.16 0.00	41.50 2.78 0.00	41.79 2.76 0.00	33.01 2.00 0.00
MONGAUP___HYD 23641	27.47 1.68 0.00	26.95 1.46 0.00	32.86 1.69 0.00	31.76 1.63 0.00	31.45 1.55 0.00	32.08 1.68 0.00	36.04 1.94 0.00	38.69 2.16 0.00	31.01 1.67 0.00	29.20 1.60 0.00	34.53 2.02 0.00	35.40 2.09 0.00	37.91 2.26 0.00	38.48 1.94 0.00	42.32 2.38 0.00	43.51 2.35 0.00	43.85 2.51 0.00	56.86 3.49 0.00	56.78 3.44 0.00	43.95 2.64 0.00	41.80 2.68 0.00	41.43 2.70 0.00	41.57 2.53 0.00	33.01 2.00 0.00
MONTAUK___DIESEL 23721	27.87 2.08 0.00	27.97 2.35 -0.12	34.38 3.20 0.00	33.05 2.92 0.00	41.33 3.64 -7.79	34.62 4.23 0.00	38.51 4.40 0.00	42.50 4.79 -1.18	32.83 3.50 0.00	31.15 3.50 -0.05	99.94 4.67 -62.76	66.55 4.33 -28.91	39.48 3.83 0.00	39.90 3.36 0.00	43.31 3.37 0.00	44.62 3.46 0.00	45.17 3.85 0.02	68.56 4.89 -10.30	82.59 4.30 -24.95	43.99 2.67 0.00	42.00 2.88 0.00	41.59 2.86 0.00	41.84 2.80 0.00	33.57 2.56 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.31 0.53 0.00	25.87 0.37 0.00	31.40 0.22 0.00	30.21 0.09 0.00	29.77 -0.14 0.00	30.54 0.15 0.00	34.34 0.24 0.00	36.45 -0.09 0.00	29.68 0.35 0.00	28.24 0.63 0.00	33.78 1.28 0.00	35.04 1.73 0.00	37.87 2.23 0.00	39.07 2.54 0.00	43.24 3.29 0.00	44.82 3.66 0.00	44.86 3.53 0.00	57.82 4.45 0.00	57.14 3.80 0.00	44.29 2.97 0.00	41.62 2.50 0.00	40.99 2.27 0.00	41.55 2.52 0.00	32.60 1.58 0.00

MORTIMER_115KV_TB3 55949	25.63 -0.16 0.00	25.31 -0.19 0.00	30.78 -0.40 0.00	29.64 -0.48 0.00	29.26 -0.65 0.00	29.94 -0.46 0.00	33.55 -0.55 0.00	35.71 -0.83 0.00	28.91 -0.42 0.00	27.37 -0.24 0.00	32.52 0.01 0.00	33.66 0.35 0.00	36.39 0.74 0.00	37.48 0.94 0.00	41.30 1.36 0.00	42.71 1.55 0.00	42.72 1.39 0.00	55.22 1.86 0.00	54.99 1.65 0.00	42.61 1.29 0.00	40.05 0.92 0.00	39.53 0.81 0.00	39.93 0.90 0.00	31.50 0.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.77 1.99 0.00	27.19 1.70 0.00	33.14 1.97 0.00	32.07 1.95 0.00	31.77 1.86 0.00	32.42 2.03 0.00	36.46 2.36 0.00	39.27 2.73 0.00	31.55 2.21 0.00	29.74 2.13 0.00	35.24 2.74 0.00	36.08 2.78 0.00	38.23 2.59 0.00	39.09 2.55 0.00	42.74 2.79 0.00	43.96 2.80 0.00	44.34 3.01 0.00	57.06 3.69 0.00	56.71 3.37 0.00	43.67 2.36 0.00	41.48 2.36 0.00	41.32 2.60 0.00	41.57 2.54 0.00	33.22 2.21 0.00
MUNSVILLE_WIND_PWR 323609	28.17 2.22 -0.17	27.74 2.09 -0.16	34.13 2.45 -0.50	32.46 2.31 -0.02	32.30 2.28 -0.11	33.38 2.51 -0.48	37.85 3.01 -0.74	40.64 3.21 -0.89	32.19 2.47 -0.39	30.34 2.44 -0.30	36.03 2.87 -0.65	37.11 3.08 -0.72	39.86 3.32 -0.89	40.20 3.58 -0.08	44.88 3.73 -1.20	46.41 3.95 -1.30	47.14 4.50 -1.31	61.47 5.94 -2.17	61.62 6.12 -2.16	47.63 5.01 -1.30	44.93 4.67 -1.14	44.15 4.33 -1.10	44.08 3.99 -1.05	34.19 2.64 -0.55
N SALMON___HYD 24042	3.06 0.08 22.80	-44.92 0.13 70.54	-2.05 0.15 33.38	30.03 0.19 0.29	30.27 0.36 0.00	29.67 0.12 0.84	33.84 0.29 0.55	36.77 0.23 0.01	29.43 0.10 0.00	27.57 -0.04 0.00	32.27 -0.22 0.01	21.28 -0.35 11.68	35.50 -0.15 0.00	25.17 -0.24 11.13	39.58 -0.37 0.00	40.17 -0.43 0.56	40.44 -0.89 0.00	52.41 -0.96 0.00	52.49 -0.85 0.00	40.97 -0.35 0.00	38.84 -0.28 0.00	38.45 -0.28 0.00	38.86 -0.17 0.00	30.61 -0.40 0.00
N.AKRON__115KV_KNAPP 355671	25.60 -0.18 0.00	25.29 -0.21 0.00	30.67 -0.51 0.00	29.48 -0.64 0.00	29.02 -0.89 0.00	29.81 -0.58 0.00	33.38 -0.72 0.00	35.37 -1.17 0.00	28.75 -0.58 0.00	27.26 -0.34 0.00	32.45 -0.05 0.00	33.64 0.33 0.00	36.55 0.90 0.00	37.77 1.23 0.00	41.76 1.82 0.00	43.23 2.07 0.00	43.17 1.84 0.00	55.69 2.32 0.00	55.12 1.78 0.00	42.78 1.46 0.00	40.19 1.07 0.00	39.72 1.00 0.00	40.23 1.20 0.00	31.76 0.75 0.00
N.BELMOR_69_KV_BK1 55787	27.92 2.14 0.00	27.55 1.93 -0.12	33.57 2.40 0.00	32.51 2.39 0.00	40.03 2.33 -7.79	32.87 2.47 0.00	36.91 2.81 0.00	40.96 3.25 -1.18	31.83 2.50 0.00	30.10 2.45 -0.05	40.60 3.25 -4.85	38.51 3.32 -1.89	38.64 2.99 0.00	39.36 2.82 0.00	42.87 2.92 0.00	43.91 2.76 0.00	44.34 3.13 0.12	57.15 3.91 0.13	56.95 3.61 0.00	43.85 2.53 0.00	41.59 2.47 0.00	41.36 2.64 0.00	41.68 2.65 0.00	33.34 2.33 0.00
N.E_GEN_SANDY PD 24062	33.16 1.18 -6.20	30.60 1.11 -4.00	33.77 1.38 -1.21	33.00 1.39 -1.49	33.50 1.30 -2.30	31.75 1.35 0.00	35.64 1.54 0.00	39.88 1.81 -1.54	30.78 1.45 0.00	29.35 1.33 -0.42	33.03 1.40 0.87	34.72 1.41 0.00	39.24 1.46 -2.13	38.13 1.59 0.00	41.73 1.78 0.00	42.57 1.68 0.26	43.15 1.82 0.00	55.63 2.26 0.00	56.76 2.37 -1.05	55.34 1.80 -12.22	47.33 1.75 -6.45	40.42 1.70 0.00	41.77 1.49 -1.25	32.60 1.21 -0.37
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.50 1.71 0.00	26.92 1.43 0.00	32.82 1.64 0.00	31.76 1.63 0.00	31.46 1.56 0.00	32.10 1.70 0.00	36.09 1.98 0.00	38.82 2.28 0.00	31.21 1.88 0.00	29.43 1.82 0.00	34.87 2.36 0.00	35.77 2.46 0.00	38.01 2.37 0.00	38.94 2.40 0.00	42.61 2.67 0.00	43.87 2.72 0.00	44.27 2.94 0.00	57.02 3.65 0.00	56.72 3.38 0.00	43.62 2.31 0.00	41.39 2.27 0.00	41.12 2.40 0.00	41.28 2.25 0.00	32.91 1.90 0.00
N.QUEENS_27_KV_LOAD 356247	27.91 2.13 0.00	27.26 1.76 0.00	33.19 2.02 0.00	32.11 1.99 0.00	31.83 1.92 0.00	32.47 2.08 0.00	36.54 2.44 0.00	39.39 2.85 0.00	31.62 2.29 0.00	29.80 2.20 0.00	35.30 2.79 0.00	36.02 2.71 0.00	38.21 2.56 0.00	39.03 2.49 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.37 3.04 0.00	57.08 3.71 0.00	56.65 3.31 0.00	43.70 2.38 0.00	41.50 2.38 0.00	41.46 2.74 0.00	41.62 2.59 0.00	33.33 2.32 0.00
N.TROY___115KV_TB1 355778	26.84 1.06 0.00	26.55 1.05 0.00	32.54 1.36 0.00	31.48 1.35 0.00	31.19 1.29 0.00	31.70 1.31 0.00	35.57 1.46 0.00	38.18 1.64 0.00	30.62 1.29 0.00	28.77 1.17 0.00	33.67 1.17 0.00	34.49 1.19 0.00	36.91 1.26 0.00	37.98 1.44 0.00	41.56 1.62 0.00	42.70 1.54 0.00	42.99 1.66 0.00	55.52 2.16 0.00	55.71 2.37 0.00	43.21 1.89 0.00	40.94 1.82 0.00	40.41 1.68 0.00	40.53 1.50 0.00	32.18 1.17 0.00
NARROWS_GT1_1 24228	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT1_2 24229	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT1_3 24230	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT1_4 24231	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT1_5 24232	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00

NARROWS_GT1_6 24233	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT1_7 24234	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT1_8 24235	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT2_1 24236	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT2_2 24237	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT2_3 24238	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT2_4 24239	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT2_5 24240	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT2_6 24241	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT2_7 24242	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NARROWS_GT2_8 24243	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.28 3.92 0.00	56.79 3.46 0.00	43.82 2.51 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.77 2.74 0.00	33.45 2.43 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.24 1.46 0.00	26.97 1.47 0.00	33.02 1.84 0.00	31.91 1.78 0.00	31.62 1.72 0.00	32.16 1.76 0.00	36.09 1.98 0.00	38.72 2.18 0.00	31.10 1.76 0.00	29.25 1.65 0.00	33.90 1.39 0.00	34.80 1.49 0.00	37.09 1.44 0.00	38.33 1.80 0.00	41.95 2.01 0.00	43.02 1.86 0.00	43.29 1.96 0.00	56.56 3.19 0.00	56.66 3.32 0.00	44.06 2.74 0.00	41.69 2.57 0.00	41.13 2.41 0.00	41.23 2.20 0.00	32.70 1.69 0.00
NCHELSEA_115KV_TR2 355582	27.69 1.91 0.00	27.14 1.65 0.00	33.11 1.93 0.00	32.02 1.89 0.00	31.70 1.79 0.00	32.33 1.93 0.00	36.35 2.24 0.00	39.13 2.59 0.00	31.47 2.14 0.00	29.69 2.09 0.00	35.14 2.64 0.00	36.04 2.73 0.00	38.39 2.75 0.00	39.35 2.81 0.00	43.06 3.11 0.00	44.38 3.22 0.00	44.76 3.43 0.00	57.63 4.27 0.00	57.42 4.09 0.00	44.25 2.93 0.00	41.93 2.81 0.00	41.59 2.86 0.00	41.74 2.71 0.00	33.20 2.19 0.00
NEG CAPITAL___MECHNVIL 23645	27.24 1.45 0.00	26.90 1.41 0.00	32.96 1.78 0.00	31.86 1.74 0.00	31.58 1.68 0.00	32.13 1.73 0.00	36.06 1.96 0.00	38.71 2.18 0.00	31.04 1.71 0.00	29.17 1.57 0.00	34.17 1.67 0.00	35.03 1.72 0.00	37.43 1.78 0.00	38.61 2.07 0.00	42.24 2.30 0.00	43.57 2.42 0.00	43.92 2.59 0.00	56.73 3.37 0.00	56.97 3.63 0.00	44.17 2.85 0.00	41.85 2.73 0.00	41.25 2.53 0.00	41.41 2.38 0.00	32.80 1.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.25 -0.54 0.00	24.92 -0.58 0.00	30.34 -0.84 0.00	29.24 -0.89 0.00	28.89 -1.02 0.00	29.55 -0.85 0.00	33.14 -0.96 0.00	35.33 -1.21 0.00	28.56 -0.77 0.00	27.04 -0.56 0.00	32.12 -0.39 0.00	33.24 -0.07 0.00	35.86 0.21 0.00	36.92 0.38 0.00	40.63 0.68 0.00	42.00 0.83 0.00	42.07 0.74 0.00	54.42 1.05 0.00	54.25 0.91 0.00	42.02 0.70 0.00	39.50 0.38 0.00	38.95 0.23 0.00	39.27 0.23 0.00	30.97 -0.04 0.00

NEG CENTRAL___DRP 24199	24.97 0.05 0.87	22.20 -0.04 3.26	30.14 -0.15 0.88	29.94 -0.20 -0.02	29.83 -0.26 -0.18	30.97 -0.13 -0.70	35.13 -0.09 -1.12	37.73 -0.19 -1.39	29.88 -0.06 -0.60	28.08 0.01 -0.47	33.68 0.16 -1.02	34.34 0.49 -0.54	37.61 0.58 -1.39	36.73 0.61 0.43	42.81 1.00 -1.87	44.31 1.17 -1.99	44.56 1.20 -2.03	58.45 1.72 -3.37	58.41 1.70 -3.36	44.74 1.39 -2.04	42.09 1.19 -1.78	41.42 0.99 -1.71	41.62 0.94 -1.65	32.36 0.50 -0.85
NEG CENTRAL___INDECK 23768	26.45 0.67 0.00	26.18 0.69 0.00	31.83 0.65 0.00	30.65 0.53 0.00	30.26 0.35 0.00	31.02 0.62 0.00	34.86 0.76 0.00	37.02 0.48 0.00	29.64 0.30 0.00	27.89 0.28 0.00	32.59 0.08 0.00	33.54 0.23 0.00	36.22 0.57 0.00	37.21 0.67 0.00	41.13 1.19 0.00	42.56 1.40 0.00	42.65 1.32 0.00	55.14 1.78 0.00	54.71 1.37 0.00	43.11 1.79 0.00	40.82 1.70 0.00	40.30 1.57 0.00	41.57 2.54 0.00	32.78 1.77 0.00
NEG CENTRAL___SENECA 23627	26.11 0.19 -0.14	25.69 0.07 -0.12	31.51 -0.07 -0.40	30.05 -0.10 -0.01	29.82 -0.18 -0.09	30.74 -0.04 -0.39	34.73 0.03 -0.59	37.16 -0.10 -0.72	29.70 0.05 -0.31	28.01 0.16 -0.24	33.37 0.34 -0.53	34.64 0.75 -0.58	37.23 0.86 -0.72	37.53 0.93 -0.06	42.35 1.44 -0.97	43.84 1.64 -1.04	44.01 1.62 -1.06	57.43 2.32 -1.75	57.34 2.25 -1.75	44.24 1.86 -1.06	41.62 1.57 -0.93	40.97 1.35 -0.89	41.23 1.34 -0.86	32.21 0.75 -0.45
NEG CENTRAL___STATE_STREET 24147	25.15 0.23 0.86	22.24 0.17 3.43	30.61 0.16 0.73	30.26 0.11 -0.02	30.20 0.06 -0.24	31.55 0.19 -0.96	35.84 0.22 -1.51	38.60 0.20 -1.86	30.37 0.23 -0.81	28.39 0.17 -0.62	34.18 0.30 -1.37	34.77 0.57 -0.89	38.21 0.70 -1.86	36.74 0.63 0.43	43.32 0.87 -2.51	44.83 1.00 -2.67	45.28 1.22 -2.73	59.51 1.62 -4.52	59.60 1.75 -4.51	45.35 1.31 -2.73	42.76 1.26 -2.39	42.13 1.11 -2.30	42.24 1.00 -2.21	32.74 0.58 -1.14
NEG MILLWOOD___DRP 24198	27.80 2.02 0.00	27.23 1.74 0.00	33.22 2.04 0.00	32.12 1.99 0.00	31.79 1.88 0.00	32.43 2.04 0.00	36.47 2.37 0.00	39.30 2.76 0.00	31.63 2.30 0.00	29.86 2.25 0.00	35.35 2.85 0.00	36.25 2.94 0.00	38.60 2.95 0.00	39.54 3.00 0.00	43.24 3.30 0.00	44.55 3.39 0.00	44.92 3.59 0.00	57.84 4.47 0.00	57.61 4.27 0.00	44.37 3.06 0.00	42.06 2.94 0.00	41.72 3.00 0.00	41.89 2.86 0.00	33.33 2.32 0.00
NEG NORTH_FLCN_SEA 23793	21.68 1.00 5.10	10.70 0.99 15.78	24.96 1.25 7.47	31.36 1.30 0.07	31.25 1.35 0.00	31.47 1.27 0.19	35.67 1.69 0.12	38.06 1.52 0.00	30.32 0.99 0.00	28.34 0.74 0.00	32.95 0.44 0.00	30.91 0.22 2.61	36.13 0.48 0.00	34.55 0.50 2.49	40.60 0.66 0.00	41.50 0.46 0.12	41.02 -0.32 0.00	53.07 -0.30 0.00	53.23 -0.10 0.00	41.80 0.48 0.00	39.58 0.46 0.00	39.01 0.29 0.00	39.82 0.79 0.00	31.24 0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	16.59 0.23 9.42	-3.35 0.31 29.16	17.77 0.38 13.79	30.41 0.40 0.12	30.41 0.50 0.00	30.38 0.33 0.35	34.41 0.53 0.23	36.94 0.40 0.00	29.55 0.21 0.00	27.64 0.03 0.00	32.29 -0.21 0.00	28.11 -0.37 4.83	35.52 -0.13 0.00	31.72 -0.22 4.60	39.67 -0.27 0.00	40.50 -0.43 0.23	40.44 -0.89 0.00	52.40 -0.97 0.00	52.45 -0.88 0.00	40.95 -0.36 0.00	38.83 -0.29 0.00	38.41 -0.31 0.00	38.89 -0.14 0.00	30.66 -0.36 0.00
NEG NORTH___ALICE_FALLS 23915	20.94 0.94 5.79	8.52 0.93 17.90	23.86 1.16 8.47	31.26 1.20 0.07	31.16 1.25 0.00	31.34 1.16 0.21	35.52 1.56 0.14	37.96 1.43 0.00	30.28 0.95 0.00	28.32 0.72 0.00	32.99 0.49 0.00	30.66 0.32 2.97	36.25 0.60 0.00	34.30 0.59 2.83	40.69 0.75 0.00	41.61 0.59 0.14	41.29 -0.04 0.00	53.45 0.08 0.00	53.57 0.23 0.00	41.97 0.65 0.00	39.74 0.62 0.00	39.19 0.47 0.00	39.88 0.85 0.00	31.26 0.25 0.00
NEG NORTH___LWR_SARANAC 23913	20.94 0.94 5.79	8.52 0.93 17.90	23.86 1.16 8.47	31.26 1.20 0.07	31.16 1.25 0.00	31.34 1.16 0.21	35.52 1.56 0.14	37.96 1.43 0.00	30.28 0.95 0.00	28.32 0.72 0.00	32.99 0.49 0.00	30.66 0.32 2.97	36.25 0.60 0.00	34.30 0.59 2.83	40.69 0.75 0.00	41.61 0.59 0.14	41.29 -0.04 0.00	53.45 0.08 0.00	53.57 0.23 0.00	41.97 0.65 0.00	39.74 0.62 0.00	39.19 0.47 0.00	39.88 0.85 0.00	31.26 0.25 0.00
NEG NORTH___PLATTSBURG 23628	20.94 0.94 5.79	8.52 0.93 17.90	23.86 1.16 8.47	31.26 1.20 0.07	31.16 1.25 0.00	31.35 1.16 0.21	35.52 1.56 0.14	37.96 1.43 0.00	30.28 0.95 0.00	28.32 0.72 0.00	32.99 0.48 0.00	30.66 0.32 2.97	36.25 0.60 0.00	34.30 0.59 2.83	40.69 0.75 0.00	41.60 0.58 0.14	41.29 -0.04 0.00	53.45 0.08 0.00	53.57 0.23 0.00	41.97 0.65 0.00	39.74 0.62 0.00	39.19 0.47 0.00	39.88 0.85 0.00	31.27 0.25 0.00
NEG WEST_LEA_LOCKPORT 23791	25.09 -0.70 0.00	24.79 -0.70 0.00	30.08 -1.10 0.00	28.92 -1.21 0.00	28.44 -1.46 0.00	29.22 -1.18 0.00	32.68 -1.43 0.00	34.55 -1.99 0.00	28.07 -1.26 0.00	26.61 -0.99 0.00	31.67 -0.83 0.00	32.84 -0.47 0.00	35.66 0.01 0.00	36.87 0.33 0.00	40.78 0.84 0.00	42.16 1.00 0.00	42.03 0.70 0.00	54.18 0.81 0.00	53.62 0.28 0.00	41.59 0.27 0.00	39.06 -0.07 0.00	38.63 -0.09 0.00	39.21 0.18 0.00	31.00 -0.01 0.00
NEG WEST___LANCASTR 23811	25.35 -0.43 0.00	25.00 -0.50 0.00	30.38 -0.80 0.00	29.23 -0.90 0.00	28.79 -1.12 0.00	29.49 -0.91 0.00	33.05 -1.05 0.00	35.02 -1.52 0.00	28.46 -0.87 0.00	27.04 -0.56 0.00	32.25 -0.25 0.00	33.39 0.08 0.00	36.08 0.43 0.00	37.19 0.65 0.00	41.15 1.21 0.00	42.64 1.48 0.00	42.59 1.26 0.00	54.95 1.59 0.00	54.42 1.09 0.00	42.19 0.87 0.00	39.62 0.50 0.00	39.12 0.40 0.00	39.70 0.66 0.00	31.26 0.25 0.00
NEG_PENN_ALLEGHNY 23528	26.26 0.31 -0.16	25.85 0.20 -0.15	31.87 0.20 -0.49	30.30 0.15 -0.02	30.11 0.09 -0.11	31.09 0.22 -0.47	35.12 0.30 -0.72	37.62 0.21 -0.87	29.98 0.27 -0.38	28.26 0.36 -0.29	33.78 0.64 -0.64	34.80 0.79 -0.70	37.40 0.89 -0.87	37.58 0.97 -0.08	42.43 1.31 -1.18	43.88 1.46 -1.27	44.15 1.54 -1.28	57.40 1.92 -2.12	57.12 1.69 -2.09	43.90 1.33 -1.25	41.40 1.18 -1.10	40.81 1.03 -1.06	41.09 1.04 -1.02	32.18 0.64 -0.52
NEG___GEN_MONROE 24207	25.82 0.04 0.00	25.49 -0.01 0.00	30.99 -0.19 0.00	29.83 -0.30 0.00	29.44 -0.47 0.00	30.14 -0.25 0.00	33.79 -0.32 0.00	35.93 -0.60 0.00	29.10 -0.23 0.00	27.55 -0.05 0.00	32.72 0.21 0.00	33.89 0.58 0.00	36.69 1.04 0.00	37.81 1.27 0.00	41.69 1.75 0.00	43.13 1.97 0.00	43.15 1.82 0.00	55.76 2.40 0.00	55.50 2.16 0.00	43.05 1.74 0.00	40.49 1.37 0.00	39.95 1.23 0.00	40.35 1.32 0.00	31.81 0.80 0.00
NEPA___ENERGY 23901	25.61 -0.17 0.00	25.16 -0.33 0.00	30.58 -0.60 0.00	29.44 -0.68 0.00	29.04 -0.87 0.00	29.75 -0.65 0.00	33.45 -0.65 0.00	35.44 -1.10 0.00	28.79 -0.54 0.00	27.38 -0.23 0.00	32.74 0.23 0.00	33.89 0.58 0.00	36.54 0.89 0.00	37.65 1.11 0.00	41.69 1.75 0.00	43.26 2.10 0.00	43.37 2.04 0.00	55.80 2.44 0.00	55.05 1.71 0.00	42.69 1.38 0.00	40.22 1.10 0.00	39.55 0.82 0.00	40.15 1.11 0.00	31.55 0.54 0.00

NEVERSINK___HYD 23608	27.00 1.22 0.00	26.47 0.97 0.00	32.28 1.10 0.00	31.19 1.06 0.00	30.89 0.98 0.00	31.50 1.11 0.00	35.38 1.28 0.00	38.08 1.54 0.00	30.58 1.25 0.00	28.85 1.25 0.00	34.12 1.62 0.00	35.06 1.75 0.00	37.52 1.87 0.00	38.46 1.92 0.00	42.01 2.07 0.00	43.40 2.24 0.00	43.80 2.47 0.00	56.47 3.10 0.00	56.36 3.02 0.00	43.51 2.19 0.00	41.22 2.10 0.00	40.80 2.08 0.00	40.88 1.85 0.00	32.46 1.45 0.00
NEWKRMKL_115KV_TB1 55635	26.46 0.68 0.00	26.15 0.66 0.00	32.02 0.85 0.00	30.97 0.85 0.00	30.69 0.79 0.00	31.22 0.83 0.00	35.01 0.90 0.00	37.58 1.05 0.00	30.17 0.84 0.00	28.38 0.78 0.00	33.28 0.78 0.00	34.08 0.78 0.00	36.42 0.77 0.00	37.44 0.91 0.00	40.95 1.01 0.00	42.12 0.96 0.00	42.37 1.04 0.00	54.74 1.37 0.00	54.74 1.41 0.00	42.41 1.10 0.00	40.18 1.06 0.00	39.72 1.00 0.00	39.86 0.83 0.00	31.70 0.69 0.00
NEWTON___FALLS_HYD 23847	-17.30 -0.87 42.21	-106.31 -0.87 130.93	-31.49 -1.10 61.56	28.56 -1.04 0.52	29.24 -0.77 -0.10	28.18 -1.09 1.12	32.62 -1.13 0.35	36.14 -1.20 -0.80	28.76 -0.93 -0.35	27.04 -0.84 -0.27	32.03 -1.06 -0.58	11.22 -1.04 21.05	35.49 -0.97 -0.81	14.76 -1.17 20.61	39.53 -1.51 -1.10	39.76 -1.55 -0.15	40.93 -1.59 -1.19	53.46 -1.88 -1.97	53.75 -1.56 -1.97	41.59 -0.92 -1.19	39.45 -0.72 -1.04	39.14 -0.58 -1.00	39.27 -0.73 -0.96	30.72 -0.79 -0.50
NGRID_A1_DSASP 323792	24.64 -1.15 0.00	24.41 -1.09 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.74 -1.65 0.00	32.10 -2.00 0.00	33.89 -2.64 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.17 -1.34 0.00	32.32 -0.99 0.00	35.06 -0.59 0.00	36.21 -0.33 0.00	39.91 -0.03 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.81 -0.55 0.00	52.38 -0.96 0.00	40.61 -0.71 0.00	38.13 -1.00 0.00	37.73 -0.99 0.00	38.38 -0.66 0.00	30.31 -0.70 0.00
NGRID_A2_DSASP 323793	24.64 -1.15 0.00	24.41 -1.09 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.74 -1.65 0.00	32.10 -2.00 0.00	33.89 -2.64 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.17 -1.34 0.00	32.32 -0.99 0.00	35.06 -0.59 0.00	36.21 -0.33 0.00	39.91 -0.03 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.81 -0.55 0.00	52.38 -0.96 0.00	40.61 -0.71 0.00	38.13 -1.00 0.00	37.73 -0.99 0.00	38.38 -0.66 0.00	30.31 -0.70 0.00
NGRID_A4_DSASP 323807	24.64 -1.15 0.00	24.41 -1.09 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.74 -1.65 0.00	32.10 -2.00 0.00	33.89 -2.64 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.17 -1.34 0.00	32.32 -0.99 0.00	35.06 -0.59 0.00	36.21 -0.33 0.00	39.91 -0.03 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.81 -0.55 0.00	52.38 -0.96 0.00	40.61 -0.71 0.00	38.13 -1.00 0.00	37.73 -0.99 0.00	38.38 -0.66 0.00	30.31 -0.70 0.00
NIAGARA_115E_LBMP 323715	24.75 -1.04 0.00	24.46 -1.03 0.00	29.70 -1.48 0.00	28.55 -1.57 0.00	28.09 -1.82 0.00	28.88 -1.52 0.00	32.28 -1.82 0.00	34.11 -2.43 0.00	27.77 -1.56 0.00	26.36 -1.24 0.00	31.36 -1.15 0.00	32.55 -0.76 0.00	35.32 -0.33 0.00	36.49 -0.05 0.00	40.34 0.39 0.00	41.76 0.60 0.00	41.60 0.27 0.00	53.55 0.18 0.00	52.91 -0.43 0.00	41.04 -0.28 0.00	38.53 -0.60 0.00	38.13 -0.59 0.00	38.75 -0.28 0.00	30.73 -0.28 0.00
NIAGARA_115W_LBMP 323714	24.58 -1.20 0.00	24.36 -1.14 0.00	29.58 -1.60 0.00	28.44 -1.69 0.00	27.96 -1.94 0.00	28.69 -1.71 0.00	32.04 -2.07 0.00	33.82 -2.72 0.00	27.54 -1.80 0.00	26.14 -1.47 0.00	31.09 -1.41 0.00	32.24 -1.07 0.00	34.98 -0.67 0.00	36.13 -0.41 0.00	39.81 -0.13 0.00	41.04 -0.12 0.00	40.84 -0.49 0.00	52.66 -0.70 0.00	52.23 -1.11 0.00	40.48 -0.83 0.00	38.03 -1.09 0.00	37.64 -1.09 0.00	38.27 -0.76 0.00	30.24 -0.77 0.00
NIAGARA_230_LBMP 323716	24.80 -0.98 0.00	24.52 -0.97 0.00	29.80 -1.37 0.00	28.67 -1.46 0.00	28.20 -1.71 0.00	28.92 -1.47 0.00	32.32 -1.78 0.00	34.15 -2.38 0.00	27.77 -1.56 0.00	26.35 -1.25 0.00	31.36 -1.14 0.00	32.52 -0.79 0.00	35.26 -0.39 0.00	36.41 -0.13 0.00	40.22 0.27 0.00	41.58 0.42 0.00	41.41 0.08 0.00	53.46 0.09 0.00	53.01 -0.33 0.00	41.07 -0.24 0.00	38.56 -0.56 0.00	38.14 -0.58 0.00	38.77 -0.26 0.00	30.65 -0.36 0.00
NIAGARA___115KV_198_GIBSON 55903	24.58 -1.20 0.00	24.37 -1.12 0.00	29.58 -1.60 0.00	28.44 -1.69 0.00	27.96 -1.94 0.00	28.68 -1.71 0.00	32.03 -2.08 0.00	33.82 -2.72 0.00	27.54 -1.79 0.00	26.14 -1.47 0.00	31.08 -1.43 0.00	32.21 -1.10 0.00	34.97 -0.67 0.00	36.13 -0.41 0.00	39.82 -0.12 0.00	41.04 -0.12 0.00	40.84 -0.49 0.00	52.66 -0.70 0.00	52.22 -1.11 0.00	40.47 -0.85 0.00	38.02 -1.10 0.00	37.63 -1.09 0.00	38.27 -0.76 0.00	30.24 -0.77 0.00
NIAGARA____ 23760	24.80 -0.98 0.00	24.52 -0.97 0.00	29.80 -1.37 0.00	28.67 -1.46 0.00	28.20 -1.71 0.00	28.92 -1.47 0.00	32.32 -1.78 0.00	34.15 -2.38 0.00	27.77 -1.56 0.00	26.35 -1.25 0.00	31.36 -1.14 0.00	32.52 -0.79 0.00	35.26 -0.39 0.00	36.41 -0.13 0.00	40.22 0.27 0.00	41.58 0.42 0.00	41.41 0.08 0.00	53.46 0.09 0.00	53.01 -0.33 0.00	41.07 -0.24 0.00	38.56 -0.56 0.00	38.14 -0.58 0.00	38.77 -0.26 0.00	30.65 -0.36 0.00
NINE_MILE_1 23575	22.52 -0.76 2.51	22.42 -0.77 2.30	22.83 -0.98 7.37	28.89 -0.97 0.27	27.23 -0.99 1.69	22.34 -0.94 7.12	22.14 -1.05 10.91	22.16 -1.17 13.21	22.72 -0.88 5.73	22.39 -0.79 4.43	21.97 -0.85 9.69	21.84 -0.79 10.68	21.65 -0.81 13.19	34.55 -0.81 1.18	21.33 -0.80 17.81	21.20 -0.79 19.17	21.19 -0.78 19.37	20.34 -0.98 32.04	20.37 -1.00 31.97	21.23 -0.76 19.33	21.46 -0.76 16.90	21.67 -0.80 16.26	22.57 -0.83 15.63	22.18 -0.75 8.09
NINE_MILE_2 23744	22.49 -0.76 2.55	22.38 -0.77 2.34	22.72 -0.98 7.48	28.89 -0.97 0.28	27.20 -0.99 1.72	22.23 -0.94 7.22	21.98 -1.05 11.07	21.96 -1.17 13.41	22.63 -0.88 5.82	22.32 -0.79 4.49	21.82 -0.85 9.83	21.68 -0.79 10.84	21.45 -0.81 13.39	34.54 -0.81 1.19	21.06 -0.80 18.08	20.92 -0.79 19.45	20.90 -0.78 19.66	19.86 -0.98 32.53	19.89 -1.00 32.45	20.94 -0.76 19.62	21.21 -0.76 17.15	21.42 -0.80 16.50	22.33 -0.83 15.87	22.05 -0.75 8.21
NM_CAPITAL___DRP 24208	26.50 0.71 0.00	26.19 0.70 0.00	32.08 0.90 0.00	31.03 0.91 0.00	30.75 0.84 0.00	31.27 0.88 0.00	35.06 0.95 0.00	37.65 1.11 0.00	30.23 0.90 0.00	28.42 0.82 0.00	33.32 0.81 0.00	34.11 0.80 0.00	36.47 0.82 0.00	37.49 0.95 0.00	40.99 1.05 0.00	42.14 0.98 0.00	42.38 1.05 0.00	54.75 1.39 0.00	54.79 1.45 0.00	42.46 1.14 0.00	40.22 1.10 0.00	39.77 1.05 0.00	39.89 0.86 0.00	31.73 0.72 0.00
NM_CENTRAL___DRP 24181	24.06 -0.18 1.55	19.99 -0.23 5.28	28.92 -0.33 1.93	29.78 -0.35 0.00	29.67 -0.39 -0.15	30.67 -0.30 -0.58	34.74 -0.31 -0.94	37.38 -0.36 -1.20	29.64 -0.21 -0.52	27.90 -0.11 -0.40	33.39 0.01 -0.88	33.48 0.11 -0.06	36.99 0.15 -1.19	36.00 0.22 0.76	41.93 0.38 -1.61	43.31 0.46 -1.69	43.59 0.50 -1.75	56.96 0.70 -2.90	56.87 0.63 -2.90	43.56 0.49 -1.75	41.05 0.40 -1.53	40.48 0.29 -1.47	40.66 0.22 -1.42	31.77 0.03 -0.73

NM_FRONTIER___DRP 24179	24.58 -1.20 0.00	24.37 -1.12 0.00	29.58 -1.60 0.00	28.44 -1.69 0.00	27.96 -1.94 0.00	28.68 -1.71 0.00	32.03 -2.08 0.00	33.82 -2.72 0.00	27.54 -1.79 0.00	26.14 -1.47 0.00	31.08 -1.43 0.00	32.21 -1.10 0.00	34.97 -0.67 0.00	36.13 -0.41 0.00	39.82 -0.12 0.00	41.04 -0.12 0.00	40.84 -0.49 0.00	52.66 -0.70 0.00	52.22 -1.11 0.00	40.47 -0.85 0.00	38.02 -1.10 0.00	37.63 -1.09 0.00	38.27 -0.76 0.00	30.24 -0.77 0.00
NM_ST_REGIS___HYD 24053	-29.24 -0.84 54.18	-143.06 -0.77 167.78	-48.97 -0.94 79.21	28.59 -0.85 0.68	29.47 -0.48 -0.05	27.65 -0.95 1.79	32.14 -0.97 1.00	35.84 -1.06 -0.37	28.57 -0.93 -0.16	26.77 -0.96 -0.13	31.46 -1.31 -0.26	4.43 -1.39 27.49	34.72 -1.30 -0.38	8.60 -1.49 26.45	38.66 -1.80 -0.51	38.46 -1.93 0.77	39.66 -2.23 -0.55	51.54 -2.74 -0.92	51.72 -2.54 -0.92	40.15 -1.72 -0.55	38.05 -1.56 -0.48	37.74 -1.45 -0.47	38.06 -1.42 -0.45	29.99 -1.26 -0.23
NORTHPORT___1 23551	27.39 1.61 0.00	27.18 1.56 -0.12	33.29 2.12 0.00	32.28 2.16 0.00	39.84 2.14 -7.79	32.60 2.20 0.00	36.52 2.42 0.00	40.54 2.82 -1.18	31.33 2.00 0.00	29.63 1.98 -0.05	37.95 2.65 -2.79	35.82 2.64 0.13	37.98 2.33 0.00	38.62 2.09 0.00	41.96 2.08 0.06	42.95 1.99 0.19	43.34 2.29 0.28	55.29 2.78 0.86	50.34 2.49 5.49	42.81 1.58 0.09	40.65 1.56 0.03	38.99 1.67 1.40	39.39 1.70 1.34	32.62 1.61 0.00
NORTHPORT___2 23552	27.39 1.61 0.00	27.18 1.56 -0.12	33.29 2.12 0.00	32.28 2.16 0.00	39.84 2.14 -7.79	32.60 2.20 0.00	36.52 2.42 0.00	40.54 2.82 -1.18	31.33 2.00 0.00	29.63 1.98 -0.05	36.06 2.65 -0.90	35.82 2.64 0.13	37.98 2.33 0.00	38.62 2.09 0.00	39.81 2.08 2.22	36.48 1.99 6.66	34.72 2.29 8.90	17.82 2.78 38.32	39.66 2.49 16.17	39.81 1.58 3.09	39.81 1.56 0.87	38.99 1.67 1.40	39.39 1.70 1.34	32.62 1.61 0.00
NORTHPORT___3 23553	27.39 1.61 0.00	27.17 1.55 -0.12	33.28 2.10 0.00	32.27 2.14 0.00	39.78 2.08 -7.79	32.58 2.18 0.00	36.48 2.38 0.00	40.46 2.74 -1.18	31.29 1.96 0.00	29.58 1.93 -0.05	35.07 2.73 0.17	35.78 2.76 0.28	37.94 2.30 0.00	38.50 1.96 0.00	39.74 2.02 2.22	36.40 1.91 6.67	34.64 2.22 8.91	17.77 2.73 38.33	39.61 2.44 16.17	39.77 1.55 3.10	39.73 1.49 0.88	39.04 1.71 1.40	39.32 1.62 1.33	32.57 1.56 0.00
NORTHPORT___4 23650	27.39 1.61 0.00	27.17 1.55 -0.12	33.28 2.10 0.00	32.27 2.14 0.00	39.78 2.08 -7.79	32.58 2.18 0.00	36.48 2.38 0.00	40.46 2.74 -1.18	31.29 1.96 0.00	29.58 1.93 -0.05	35.07 2.73 0.17	35.78 2.76 0.28	37.94 2.30 0.00	38.50 1.96 0.00	39.74 2.02 2.22	36.40 1.91 6.67	34.64 2.22 8.91	17.77 2.73 38.33	39.61 2.44 16.17	39.77 1.55 3.10	39.73 1.49 0.88	39.04 1.71 1.40	39.32 1.62 1.33	32.57 1.56 0.00
NORTHPORT___IC 23718	27.39 1.61 0.00	27.18 1.56 -0.12	33.29 2.12 0.00	32.28 2.16 0.00	39.83 2.14 -7.79	32.60 2.20 0.00	36.52 2.41 0.00	40.53 2.82 -1.18	31.33 1.99 0.00	29.63 1.98 -0.05	36.06 2.66 -0.89	35.84 2.66 0.13	37.98 2.33 0.00	38.62 2.09 0.00	39.81 2.09 2.22	36.49 1.99 6.66	34.72 2.29 8.90	17.82 2.78 38.32	39.66 2.49 16.17	39.81 1.59 3.09	39.80 1.55 0.87	38.99 1.67 1.40	39.40 1.70 1.34	32.62 1.62 0.00
NORTH___COUNTRY_ESR 323785	16.41 0.15 9.52	-3.75 0.21 29.45	17.51 0.26 13.93	30.30 0.30 0.12	30.31 0.41 0.00	30.28 0.24 0.35	34.30 0.43 0.23	36.85 0.31 0.00	29.46 0.13 0.00	27.58 -0.02 0.00	32.25 -0.25 4.88	28.05 -0.38 0.00	35.44 -0.20 0.00	31.61 -0.28 4.65	39.59 -0.36 0.00	40.45 -0.47 0.23	40.41 -0.92 0.00	52.29 -1.07 0.00	52.37 -0.97 0.00	40.85 -0.47 0.00	38.69 -0.43 0.00	38.26 -0.46 0.00	38.75 -0.28 0.00	30.54 -0.47 0.00
NPX_GEN_1385_PROXY 323591	27.14 1.36 0.00	27.09 1.48 -0.12	33.02 1.84 0.00	32.09 1.97 0.00	39.82 2.13 -7.79	32.36 1.97 0.00	36.26 2.16 0.00	40.29 2.57 -1.18	31.27 1.94 0.00	29.67 2.02 -0.05	37.74 2.78 -2.45	35.76 2.58 0.13	37.01 2.17 0.81	39.46 2.99 0.06	42.85 3.32 0.41	52.44 3.28 -8.00	46.07 3.55 -1.18	49.68 4.00 7.69	49.61 3.71 7.44	43.45 2.77 0.64	41.60 2.66 0.18	39.64 2.31 1.40	39.39 1.69 1.34	32.50 1.49 0.00
NPX_GEN_CSC 323557	27.67 1.89 0.00	27.41 1.79 -0.12	33.57 2.39 0.00	32.50 2.37 0.00	40.13 2.44 -7.79	33.01 2.62 0.00	37.01 2.91 0.00	41.15 3.43 -1.18	31.85 2.52 0.00	30.14 2.48 -0.05	98.53 3.40 -62.63	65.57 3.42 -28.85	37.89 3.05 0.81	39.25 2.76 0.06	42.82 2.88 0.00	44.09 2.93 0.00	44.52 3.21 0.02	67.72 4.07 -10.28	81.91 3.71 -24.86	43.78 2.46 0.00	41.53 2.41 0.00	41.18 2.46 0.00	41.46 2.43 0.00	33.18 2.16 0.00
NSINS_S_GLNS_FALLS 23858	27.09 1.31 0.00	26.81 1.31 0.00	32.95 1.77 0.00	31.86 1.73 0.00	31.61 1.70 0.00	32.13 1.73 0.00	36.10 2.00 0.00	38.76 2.23 0.00	31.04 1.71 0.00	29.13 1.52 0.00	34.00 1.50 0.00	34.94 1.63 0.00	37.26 1.61 0.00	38.46 1.92 0.00	42.04 2.10 0.00	43.50 2.34 0.00	43.79 2.46 0.00	56.71 3.35 0.00	57.26 3.93 0.00	44.46 3.14 0.00	42.20 3.08 0.00	41.43 2.71 0.00	41.74 2.70 0.00	32.98 1.97 0.00
NUCOR_STEEL___DRP 24197	25.13 0.21 0.86	22.16 0.16 3.49	30.63 0.15 0.70	30.25 0.10 -0.03	30.20 0.04 -0.26	31.60 0.18 -1.03	35.93 0.21 -1.62	38.71 0.18 -1.99	30.41 0.21 -0.87	28.41 0.14 -0.67	34.24 0.27 -1.46	34.82 0.54 -0.98	38.31 0.67 -1.99	36.69 0.58 0.43	43.42 0.79 -2.69	44.93 0.91 -2.86	45.39 1.13 -2.93	59.73 1.52 -4.84	59.80 1.63 -4.83	45.40 1.16 -2.92	42.82 1.14 -2.56	42.21 1.03 -2.46	42.33 0.94 -2.36	32.77 0.53 -1.22
NUMBER_THREE_WT_PWR 323818	7.55 0.03 18.27	-31.44 -0.02 56.91	4.66 -0.05 26.47	29.85 -0.06 0.21	30.08 0.05 -0.12	30.21 -0.02 0.16	34.45 0.00 -0.35	37.53 0.03 -0.95	29.87 0.12 -0.42	28.10 0.17 -0.32	33.34 0.14 -0.70	24.84 0.21 8.68	36.90 0.29 -0.96	27.75 0.13 8.92	41.23 -0.01 -1.29	42.14 0.04 -0.94	42.79 0.06 -1.41	55.93 0.24 -2.33	56.20 0.54 -2.32	43.43 0.70 -1.40	41.21 0.85 -1.23	40.83 0.93 -1.18	40.89 0.72 -1.14	31.93 0.33 -0.59
NYISO_LBMP_REFERENCE 24008	25.78 0.00 0.00	25.49 0.00 0.00	31.18 0.00 0.00	30.13 0.00 0.00	29.90 0.00 0.00	30.39 0.00 0.00	34.10 0.00 0.00	36.54 0.00 0.00	29.33 0.00 0.00	27.60 0.00 0.00	32.50 0.00 0.00	33.31 0.00 0.00	35.65 0.00 0.00	36.54 0.00 0.00	39.94 0.00 0.00	41.16 0.00 0.00	41.33 0.00 0.00	53.37 0.00 0.00	53.34 0.00 0.00	41.32 0.00 0.00	39.12 0.00 0.00	38.72 0.00 0.00	39.03 0.00 0.00	31.01 0.00 0.00
NYPA_BRENTWD____GT 24164	27.92 2.13 0.00	27.64 2.03 -0.12	33.81 2.63 0.00	32.76 2.63 0.00	40.29 2.60 -7.79	33.12 2.73 0.00	37.15 3.05 0.00	41.23 3.51 -1.18	31.87 2.54 0.00	30.16 2.51 -0.05	52.94 3.40 -17.03	48.60 3.40 -11.89	38.69 3.04 0.00	39.29 2.75 0.00	42.70 2.76 0.00	43.80 2.64 0.00	44.27 2.96 0.02	59.22 3.71 -2.14	61.88 3.40 -5.14	43.58 2.26 0.00	41.30 2.18 0.00	41.04 2.32 0.00	41.69 2.66 0.00	33.37 2.36 0.00

NYPA_GOWANUS____GT5 24156	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.45 2.94 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.75 -0.01	42.95 3.00 0.00	44.13 2.97 0.00	44.53 3.20 0.00	57.28 3.91 0.00	56.79 3.45 0.00	43.81 2.49 0.00	41.63 2.51 0.00	41.53 2.81 0.00	41.76 2.73 0.00	33.45 2.43 0.00
NYPA_GOWANUS____GT6 24157	27.94 2.16 0.00	27.34 1.85 0.00	33.30 2.12 0.00	32.19 2.06 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.45 2.94 0.00	36.27 2.96 0.00	38.41 2.77 0.00	39.30 2.75 -0.01	42.95 3.00 0.00	44.13 2.97 0.00	44.53 3.20 0.00	57.28 3.91 0.00	56.79 3.45 0.00	43.81 2.49 0.00	41.63 2.51 0.00	41.53 2.81 0.00	41.76 2.73 0.00	33.45 2.43 0.00
NYPA_HARLEM__RVR__GT1 24160	27.81 2.03 0.00	27.19 1.70 0.00	33.13 1.95 0.00	32.03 1.91 0.00	31.75 1.85 0.00	32.40 2.00 0.00	36.46 2.36 0.00	39.29 2.76 0.00	31.54 2.20 0.00	29.72 2.11 0.00	35.20 2.69 0.00	35.91 2.61 0.01	38.11 2.46 0.00	38.93 2.39 0.00	42.64 2.69 0.00	43.84 2.69 0.00	44.24 2.91 0.00	56.91 3.54 0.00	56.50 3.16 0.00	43.58 2.26 0.00	41.38 2.26 0.00	41.36 2.64 0.00	41.54 2.50 0.00	33.26 2.24 0.00
NYPA_HARLEM__RVR__GT2 24161	27.81 2.03 0.00	27.19 1.70 0.00	33.13 1.95 0.00	32.03 1.91 0.00	31.75 1.85 0.00	32.40 2.00 0.00	36.46 2.36 0.00	39.29 2.76 0.00	31.54 2.20 0.00	29.72 2.11 0.00	35.20 2.69 0.00	35.91 2.61 0.01	38.11 2.46 0.00	38.93 2.39 0.00	42.64 2.69 0.00	43.84 2.69 0.00	44.24 2.91 0.00	56.91 3.54 0.00	56.50 3.16 0.00	43.58 2.26 0.00	41.38 2.26 0.00	41.36 2.64 0.00	41.54 2.50 0.00	33.26 2.24 0.00
NYPA_KENT____GT 24152	27.90 2.11 0.00	27.30 1.80 0.00	33.25 2.07 0.00	32.16 2.03 0.00	31.87 1.97 0.00	32.52 2.13 0.00	36.61 2.50 0.00	39.46 2.92 0.00	31.69 2.36 0.00	29.86 2.26 0.00	35.38 2.88 0.00	36.20 2.89 0.00	38.31 2.66 0.00	39.18 2.64 0.00	42.83 2.89 0.00	44.02 2.86 0.00	44.42 3.09 0.00	57.12 3.76 0.00	56.67 3.33 0.00	43.69 2.38 0.00	41.51 2.39 0.00	41.44 2.71 0.00	41.71 2.68 0.00	33.39 2.38 0.00
NYPA_POUCH1____GT 24155	27.85 2.06 0.00	27.26 1.77 0.00	33.20 2.02 0.00	32.11 1.98 0.00	31.82 1.91 0.00	32.48 2.08 0.00	36.55 2.45 0.00	39.40 2.87 0.00	31.66 2.33 0.00	29.82 2.21 0.00	35.36 2.85 0.00	36.17 2.87 0.00	38.33 2.68 0.00	39.22 2.67 -0.01	42.87 2.93 0.00	44.02 2.86 0.00	44.41 3.08 0.00	57.12 3.76 0.00	56.62 3.28 0.00	43.70 2.38 0.00	41.54 2.42 0.00	41.44 2.71 0.00	41.65 2.62 0.00	33.36 2.34 0.00
NYPA_VERNON____GT2 24162	27.85 2.06 0.00	27.26 1.77 0.00	33.20 2.02 0.00	32.12 1.99 0.00	31.83 1.92 0.00	32.49 2.09 0.00	36.57 2.47 0.00	39.41 2.87 0.00	31.64 2.31 0.00	29.82 2.21 0.00	35.35 2.84 0.00	36.16 2.85 0.00	38.25 2.60 0.00	39.09 2.55 0.00	42.75 2.80 0.00	43.94 2.78 0.00	44.33 3.00 0.00	57.00 3.63 0.00	56.60 3.26 0.00	43.61 2.30 0.00	41.43 2.31 0.00	41.38 2.66 0.00	41.65 2.62 0.00	33.33 2.32 0.00
NYPA_VERNON____GT3 24163	27.85 2.06 0.00	27.26 1.77 0.00	33.20 2.02 0.00	32.12 1.99 0.00	31.83 1.92 0.00	32.49 2.09 0.00	36.57 2.47 0.00	39.41 2.87 0.00	31.64 2.31 0.00	29.82 2.21 0.00	35.35 2.84 0.00	36.16 2.85 0.00	38.25 2.60 0.00	39.09 2.55 0.00	42.75 2.80 0.00	43.94 2.78 0.00	44.33 3.00 0.00	57.00 3.63 0.00	56.60 3.26 0.00	43.61 2.30 0.00	41.43 2.31 0.00	41.38 2.66 0.00	41.65 2.62 0.00	33.33 2.32 0.00
NYPA____ASTORIA_CC1 323568	27.80 2.02 0.00	27.21 1.72 0.00	33.16 1.98 0.00	32.06 1.94 0.00	31.78 1.88 0.00	32.43 2.03 0.00	36.51 2.41 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.08 2.77 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.67 2.73 0.00	43.86 2.70 0.00	44.24 2.91 0.00	56.89 3.52 0.00	56.49 3.15 0.00	43.54 2.22 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.27 2.26 0.00
NYPA____ASTORIA_CC2 323569	27.80 2.02 0.00	27.21 1.72 0.00	33.16 1.98 0.00	32.06 1.94 0.00	31.78 1.88 0.00	32.43 2.03 0.00	36.51 2.41 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.28 2.78 0.00	36.08 2.77 0.00	38.17 2.53 0.00	39.02 2.48 0.00	42.67 2.73 0.00	43.86 2.70 0.00	44.24 2.91 0.00	56.89 3.52 0.00	56.49 3.15 0.00	43.54 2.22 0.00	41.36 2.24 0.00	41.31 2.59 0.00	41.58 2.54 0.00	33.27 2.26 0.00
NYPA____HOLTSVILL 23794	27.73 1.94 0.00	27.46 1.84 -0.12	33.65 2.47 0.00	32.61 2.48 0.00	40.17 2.48 -7.79	33.02 2.63 0.00	37.03 2.93 0.00	41.16 3.44 -1.18	31.86 2.53 0.00	30.14 2.49 -0.05	97.45 3.35 -61.59	65.05 3.37 -28.38	38.67 3.02 0.00	39.30 2.76 0.00	42.81 2.87 0.00	44.01 2.85 0.00	44.44 3.12 0.02	67.40 3.94 -10.10	81.24 3.59 -24.31	43.74 2.41 0.00	41.46 2.34 0.00	41.16 2.43 0.00	41.49 2.45 0.00	33.22 2.21 0.00
NYPA____HELLGATE_GT1 24158	27.81 2.03 0.00	27.19 1.70 0.00	33.13 1.95 0.00	32.03 1.91 0.00	31.75 1.85 0.00	32.40 2.00 0.00	36.46 2.36 0.00	39.29 2.76 0.00	31.54 2.20 0.00	29.72 2.11 0.00	35.20 2.69 0.00	35.91 2.61 0.01	38.11 2.46 0.00	38.93 2.39 0.00	42.64 2.69 0.00	43.84 2.69 0.00	44.24 2.91 0.00	56.91 3.54 0.00	56.50 3.16 0.00	43.58 2.26 0.00	41.38 2.26 0.00	41.31 2.59 0.00	41.48 2.45 0.00	33.26 2.24 0.00
NYPA____HELLGATE_GT2 24159	27.81 2.03 0.00	27.19 1.70 0.00	33.13 1.95 0.00	32.03 1.91 0.00	31.75 1.85 0.00	32.40 2.00 0.00	36.46 2.36 0.00	39.29 2.76 0.00	31.54 2.20 0.00	29.72 2.11 0.00	35.20 2.69 0.00	35.91 2.61 0.01	38.11 2.46 0.00	38.93 2.39 0.00	42.64 2.69 0.00	43.84 2.69 0.00	44.24 2.91 0.00	56.91 3.54 0.00	56.50 3.16 0.00	43.58 2.26 0.00	41.38 2.26 0.00	41.31 2.59 0.00	41.48 2.45 0.00	33.26 2.24 0.00
NYS_BARGE____HYD 23848	25.14 -0.64 0.00	24.83 -0.66 0.00	30.14 -1.04 0.00	28.98 -1.15 0.00	28.50 -1.40 0.00	29.29 -1.11 0.00	32.76 -1.35 0.00	34.65 -1.89 0.00	28.17 -1.16 0.00	26.72 -0.88 0.00	31.81 -0.69 0.00	33.01 -0.30 0.00	35.82 0.17 0.00	37.03 0.49 0.00	40.95 1.00 0.00	42.36 1.20 0.00	42.24 0.91 0.00	54.43 1.06 0.00	53.85 0.51 0.00	41.78 0.46 0.00	39.22 0.10 0.00	38.79 0.07 0.00	39.37 0.34 0.00	31.14 0.13 0.00
OAK ORCHARD____HYD 24046	25.63 -0.16 0.00	25.30 -0.20 0.00	30.78 -0.40 0.00	29.64 -0.48 0.00	29.26 -0.64 0.00	29.94 -0.45 0.00	33.56 -0.55 0.00	35.71 -0.83 0.00	28.90 -0.43 0.00	27.37 -0.23 0.00	32.52 0.01 0.00	33.69 0.38 0.00	36.39 0.75 0.00	37.49 0.95 0.00	41.29 1.35 0.00	42.71 1.55 0.00	42.73 1.40 0.00	55.22 1.86 0.00	54.99 1.65 0.00	42.62 1.31 0.00	40.05 0.93 0.00	39.54 0.82 0.00	39.94 0.90 0.00	31.50 0.49 0.00

OAKDALE___35_KV_LOAD 356122	26.15 0.21 -0.16	25.74 0.10 -0.15	31.73 0.08 -0.47	30.18 0.03 -0.02	29.98 -0.03 -0.11	30.95 0.10 -0.46	34.95 0.14 -0.70	37.43 0.04 -0.85	29.83 0.13 -0.37	28.12 0.23 -0.28	33.60 0.48 -0.62	34.61 0.62 -0.69	37.20 0.70 -0.85	37.37 0.75 -0.08	42.16 1.08 -1.15	43.61 1.22 -1.23	43.86 1.29 -1.24	57.02 1.59 -2.06	56.74 1.36 -2.04	43.61 1.08 -1.22	41.15 0.96 -1.07	40.57 0.82 -1.02	40.87 0.85 -0.99	32.02 0.50 -0.51
OCC_CHEM___DRP 24175	24.64 -1.15 0.00	24.42 -1.07 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.73 -1.66 0.00	32.09 -2.01 0.00	33.89 -2.65 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.15 -1.35 0.00	32.27 -1.04 0.00	35.05 -0.60 0.00	36.21 -0.33 0.00	39.92 -0.02 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.80 -0.56 0.00	52.38 -0.95 0.00	40.59 -0.73 0.00	38.12 -1.00 0.00	37.73 -0.99 0.00	38.37 -0.67 0.00	30.31 -0.70 0.00
OH_GEN_PROXY 24063	24.82 -0.96 0.00	24.54 -0.95 0.00	29.83 -1.35 0.00	28.70 -1.43 0.00	28.22 -1.69 0.00	28.94 -1.46 0.00	32.36 -1.75 0.00	34.21 -2.33 0.00	27.81 -1.52 0.00	-1.45 -1.22 27.84	31.41 -1.09 0.00	32.57 -0.74 0.00	34.49 -0.35 0.81	36.39 -0.09 0.06	40.27 0.33 0.00	41.63 0.47 0.00	41.47 0.14 0.00	53.56 0.19 0.00	53.10 -0.23 0.00	41.15 -0.17 0.00	38.61 -0.51 0.00	38.19 -0.53 0.00	38.80 -0.23 0.00	30.65 -0.36 0.00
OLIN_CORP_DRP 24177	24.77 -1.01 0.00	24.51 -0.99 0.00	29.74 -1.44 0.00	28.60 -1.53 0.00	28.12 -1.79 0.00	28.91 -1.49 0.00	32.31 -1.80 0.00	34.14 -2.40 0.00	27.80 -1.54 0.00	26.39 -1.22 0.00	31.38 -1.12 0.00	32.55 -0.76 0.00	35.34 -0.30 0.00	36.52 -0.02 0.00	40.38 0.44 0.00	41.78 0.62 0.00	41.62 0.29 0.00	53.60 0.23 0.00	52.98 -0.36 0.00	41.07 -0.25 0.00	38.58 -0.55 0.00	38.17 -0.55 0.00	38.79 -0.25 0.00	30.75 -0.26 0.00
OLIN_CORP_DSASP 323712	24.64 -1.15 0.00	24.41 -1.09 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.74 -1.65 0.00	32.10 -2.00 0.00	33.89 -2.64 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.17 -1.34 0.00	32.32 -0.99 0.00	35.06 -0.59 0.00	36.21 -0.33 0.00	39.91 -0.03 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.81 -0.55 0.00	52.38 -0.96 0.00	40.61 -0.71 0.00	38.13 -1.00 0.00	37.73 -0.99 0.00	38.38 -0.66 0.00	30.31 -0.70 0.00
ONEIDA_HERK_LFGE 323681	17.86 0.47 8.39	-0.26 0.41 26.16	19.52 0.48 12.13	30.48 0.45 0.10	30.45 0.48 -0.06	30.87 0.51 0.04	34.93 0.61 -0.21	37.73 0.69 -0.51	30.17 0.61 -0.22	28.40 0.62 -0.17	33.61 0.73 -0.37	30.18 0.81 3.94	36.99 0.83 -0.51	33.26 0.81 4.10	41.54 0.91 -0.69	42.63 0.94 -0.53	43.05 0.97 -0.74	55.98 1.38 -1.23	56.13 1.56 -1.23	43.40 1.34 -0.74	41.14 1.37 -0.65	40.72 1.37 -0.63	40.84 1.21 -0.60	32.09 0.76 -0.31
ONEIDA___115KV_TB4 55905	23.14 0.82 3.46	15.27 0.74 10.96	27.17 0.86 4.87	30.90 0.81 0.03	30.79 0.80 -0.09	31.53 0.91 -0.22	35.63 1.07 -0.46	38.34 1.15 -0.66	30.59 0.97 -0.29	28.82 1.00 -0.22	34.18 1.19 -0.48	33.30 1.29 1.30	37.61 1.30 -0.66	36.20 1.35 1.69	42.48 1.65 -0.89	43.77 1.74 -0.87	44.08 1.78 -0.97	57.40 2.43 -1.60	57.42 2.48 -1.60	44.29 2.01 -0.97	41.96 2.00 -0.84	41.46 1.92 -0.81	41.57 1.75 -0.78	32.59 1.17 -0.40
ONONDAGA_REF_OCCRA 23987	24.43 -0.06 1.29	20.78 -0.11 4.61	29.52 -0.18 1.48	29.92 -0.22 -0.01	29.85 -0.25 -0.19	30.98 -0.15 -0.74	35.15 -0.14 -1.18	37.83 -0.18 -1.48	29.90 -0.07 -0.64	28.13 0.03 -0.49	33.77 0.18 -1.08	33.98 0.28 -0.39	37.44 0.32 -1.47	36.30 0.40 0.63	42.52 0.59 -1.99	43.96 0.69 -2.11	44.24 0.75 -2.17	57.96 1.02 -3.58	57.88 0.97 -3.58	44.23 0.75 -2.16	41.63 0.62 -1.89	41.04 0.50 -1.82	41.20 0.42 -1.75	32.11 0.19 -0.90
ONONDAGA___COGEN 23986	24.72 -0.01 1.05	21.29 -0.06 4.15	30.14 -0.10 0.93	30.00 -0.16 -0.03	30.01 -0.17 -0.28	31.44 -0.07 -1.12	35.79 -0.07 -1.76	38.59 -0.11 -2.17	30.24 -0.03 -0.94	28.38 0.04 -0.73	34.28 0.19 -1.59	34.61 0.30 -1.00	38.17 0.36 -2.16	36.42 0.40 0.52	43.45 0.59 -2.92	44.94 0.68 -3.11	45.26 0.75 -3.18	59.64 1.02 -5.26	59.60 1.02 -5.25	45.26 0.77 -3.17	42.57 0.67 -2.78	41.95 0.56 -2.67	42.08 0.48 -2.57	32.56 0.23 -1.33
ONTARIO___LFGE 23819	26.11 0.20 -0.14	25.69 0.07 -0.12	31.52 -0.06 -0.40	30.05 -0.10 -0.01	29.83 -0.18 -0.09	30.74 -0.04 -0.39	34.73 0.03 -0.59	37.15 -0.10 -0.72	29.70 0.06 -0.31	28.01 0.16 -0.24	33.37 0.34 -0.53	34.65 0.77 -0.58	37.23 0.87 -0.72	37.53 0.92 -0.06	42.34 1.43 -0.97	43.83 1.63 -1.04	44.00 1.61 -1.06	57.43 2.32 -1.75	57.35 2.26 -1.75	44.24 1.86 -1.06	41.62 1.58 -0.93	40.97 1.35 -0.89	41.23 1.34 -0.86	32.20 0.75 -0.45
ORANGEVILLE_WT_PWR 323706	25.55 -0.24 0.00	25.18 -0.31 0.00	30.62 -0.55 0.00	29.48 -0.65 0.00	29.06 -0.84 0.00	29.78 -0.61 0.00	33.40 -0.70 0.00	35.43 -1.11 0.00	28.74 -0.59 0.00	27.27 -0.33 0.00	32.45 -0.05 0.00	33.61 0.30 0.00	36.27 0.62 0.00	37.39 0.86 0.00	41.34 1.40 0.00	42.80 1.64 0.00	42.79 1.45 0.00	55.21 1.85 0.00	54.71 1.37 0.00	42.45 1.14 0.00	39.92 0.80 0.00	39.36 0.63 0.00	39.93 0.89 0.00	31.44 0.42 0.00
ORANGEVILLE___ESR 323794	25.55 -0.24 0.00	25.18 -0.31 0.00	30.62 -0.55 0.00	29.48 -0.65 0.00	29.06 -0.84 0.00	29.78 -0.61 0.00	33.40 -0.70 0.00	35.43 -1.11 0.00	28.74 -0.59 0.00	27.27 -0.33 0.00	32.45 -0.05 0.00	33.61 0.30 0.00	36.27 0.62 0.00	37.39 0.86 0.00	41.34 1.40 0.00	42.80 1.64 0.00	42.79 1.45 0.00	55.21 1.85 0.00	54.71 1.37 0.00	42.45 1.14 0.00	39.92 0.80 0.00	39.36 0.63 0.00	39.93 0.89 0.00	31.44 0.42 0.00
OSWEGATCHIE___HYD 24044	-17.30 -0.87 42.21	-106.31 -0.87 130.93	-31.49 -1.10 61.56	28.56 -1.04 0.52	29.24 -0.77 -0.10	28.18 -1.09 1.12	32.62 -1.13 0.35	36.14 -1.20 -0.80	28.76 -0.93 -0.35	27.04 -0.84 -0.27	32.03 -1.06 -0.58	11.22 -1.04 21.05	35.49 -0.97 -0.81	14.76 -1.16 20.61	39.53 -1.51 -1.10	39.76 -1.55 -0.15	40.93 -1.59 -1.19	53.46 -1.88 -1.97	53.75 -1.56 -1.97	41.59 -0.92 -1.19	39.45 -0.72 -1.04	39.14 -0.58 -1.00	39.27 -0.73 -0.96	30.72 -0.79 -0.50
OSWEGO___5 23606	27.11 -0.55 -1.88	26.65 -0.57 -1.72	35.96 -0.73 -5.51	29.60 -0.72 -0.20	30.41 -0.76 -1.27	35.01 -0.71 -5.32	41.47 -0.79 -8.16	45.55 -0.87 -9.89	32.97 -0.65 -4.29	30.35 -0.57 -3.31	39.17 -0.58 -7.25	40.78 -0.52 -7.99	45.00 -0.52 -9.86	36.90 -0.51 -0.88	52.80 -0.46 -13.32	55.06 -0.44 -14.34	55.41 -0.42 -14.49	76.84 -0.50 -23.97	76.72 -0.54 -23.92	55.38 -0.39 -14.46	51.33 -0.43 -12.64	50.41 -0.47 -12.16	50.23 -0.50 -11.70	36.58 -0.49 -6.05
OSWEGO___6 23613	27.11 -0.55 -1.88	26.65 -0.57 -1.72	35.96 -0.73 -5.51	29.60 -0.72 -0.20	30.41 -0.76 -1.27	35.01 -0.71 -5.32	41.47 -0.79 -8.16	45.55 -0.87 -9.89	32.97 -0.65 -4.29	30.35 -0.57 -3.31	39.17 -0.58 -7.25	40.78 -0.52 -7.99	45.00 -0.52 -9.86	36.90 -0.51 -0.88	52.80 -0.46 -13.32	55.06 -0.44 -14.34	55.41 -0.42 -14.49	76.84 -0.50 -23.97	76.72 -0.54 -23.92	55.38 -0.39 -14.46	51.33 -0.43 -12.64	50.41 -0.47 -12.16	50.23 -0.50 -11.70	36.58 -0.49 -6.05

OUTOKUMPU-AB___DRP 24206	25.35 -0.43 0.00	25.06 -0.44 0.00	30.39 -0.79 0.00	29.20 -0.93 0.00	28.72 -1.19 0.00	29.48 -0.92 0.00	32.97 -1.13 0.00	34.87 -1.66 0.00	28.42 -0.91 0.00	27.00 -0.61 0.00	32.13 -0.38 0.00	33.30 -0.01 0.00	36.13 0.48 0.00	37.35 0.81 0.00	41.30 1.36 0.00	42.65 1.50 0.00	42.55 1.22 0.00	54.85 1.49 0.00	54.40 1.07 0.00	42.11 0.79 0.00	39.52 0.40 0.00	39.05 0.33 0.00	39.62 0.59 0.00	31.26 0.24 0.00
OXBOW___BTM 323836	25.06 -0.72 0.00	24.78 -0.71 0.00	30.09 -1.09 0.00	28.91 -1.21 0.00	28.43 -1.47 0.00	29.18 -1.22 0.00	32.61 -1.49 0.00	34.47 -2.07 0.00	28.08 -1.25 0.00	26.66 -0.94 0.00	31.72 -0.78 0.00	32.84 -0.47 0.00	35.57 -0.08 0.00	36.76 0.22 0.00	40.59 0.64 0.00	41.90 0.74 0.00	41.74 0.41 0.00	53.83 0.46 0.00	53.39 0.05 0.00	41.36 0.04 0.00	38.80 -0.32 0.00	38.36 -0.36 0.00	38.97 -0.07 0.00	30.75 -0.26 0.00
OXBOW___ 24026	25.06 -0.72 0.00	24.80 -0.70 0.00	30.09 -1.09 0.00	28.91 -1.21 0.00	28.43 -1.47 0.00	29.17 -1.22 0.00	32.61 -1.49 0.00	34.47 -2.07 0.00	28.08 -1.25 0.00	26.66 -0.94 0.00	31.71 -0.80 0.00	32.80 -0.51 0.00	35.56 -0.09 0.00	36.76 0.22 0.00	40.59 0.65 0.00	41.89 0.73 0.00	41.74 0.41 0.00	53.82 0.45 0.00	53.38 0.05 0.00	41.34 0.02 0.00	38.79 -0.33 0.00	38.37 -0.36 0.00	38.95 -0.08 0.00	30.75 -0.26 0.00
OXY_CHEM_DSASP 323612	24.64 -1.15 0.00	24.42 -1.07 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.73 -1.66 0.00	32.09 -2.01 0.00	33.89 -2.65 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.15 -1.35 0.00	32.27 -1.04 0.00	35.05 -0.60 0.00	36.21 -0.33 0.00	39.92 -0.02 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.80 -0.56 0.00	52.38 -0.95 0.00	40.59 -0.73 0.00	38.12 -1.00 0.00	37.73 -0.99 0.00	38.37 -0.67 0.00	30.31 -0.70 0.00
OZONE_PARK_ESR 323760	28.17 2.39 0.00	27.56 2.07 0.00	33.56 2.39 0.00	32.48 2.35 0.00	32.18 2.27 0.00	32.83 2.44 0.00	36.95 2.84 0.00	39.79 3.25 0.00	31.98 2.65 0.00	30.13 2.53 0.00	35.76 3.26 0.00	36.66 3.35 0.00	38.81 3.16 0.00	39.71 3.17 0.00	43.42 3.48 0.00	44.68 3.52 0.00	45.06 3.72 0.00	57.98 4.62 0.00	57.60 4.26 0.00	44.37 3.05 0.00	42.13 3.01 0.00	41.97 3.24 0.00	42.21 3.17 0.00	33.71 2.70 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.64 -1.15 0.00	24.42 -1.07 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.73 -1.66 0.00	32.09 -2.01 0.00	33.89 -2.65 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.15 -1.35 0.00	32.27 -1.04 0.00	35.05 -0.60 0.00	36.21 -0.33 0.00	39.92 -0.02 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.80 -0.56 0.00	52.38 -0.95 0.00	40.59 -0.73 0.00	38.12 -1.00 0.00	37.73 -0.99 0.00	38.37 -0.67 0.00	30.31 -0.70 0.00
PACKARD__115KV_DUPONT_184 80571	24.64 -1.15 0.00	24.42 -1.07 0.00	29.64 -1.54 0.00	28.50 -1.63 0.00	28.02 -1.89 0.00	28.73 -1.66 0.00	32.09 -2.01 0.00	33.89 -2.65 0.00	27.60 -1.73 0.00	26.19 -1.41 0.00	31.15 -1.35 0.00	32.27 -1.04 0.00	35.05 -0.60 0.00	36.21 -0.33 0.00	39.92 -0.02 0.00	41.15 -0.01 0.00	40.95 -0.38 0.00	52.80 -0.56 0.00	52.38 -0.95 0.00	40.59 -0.73 0.00	38.12 -1.00 0.00	37.73 -0.99 0.00	38.37 -0.67 0.00	30.31 -0.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.75 1.97 0.00	27.16 1.66 0.00	33.11 1.93 0.00	32.02 1.89 0.00	31.73 1.83 0.00	32.38 1.99 0.00	36.43 2.33 0.00	39.26 2.73 0.00	31.53 2.19 0.00	29.69 2.09 0.00	35.18 2.68 0.00	35.93 2.62 0.00	38.12 2.47 0.00	39.00 2.46 0.00	42.71 2.77 0.00	43.94 2.78 0.00	44.32 2.99 0.00	57.03 3.66 0.00	56.65 3.31 0.00	43.69 2.38 0.00	41.49 2.37 0.00	41.40 2.67 0.00	41.55 2.52 0.00	33.27 2.26 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.05 2.27 0.00	27.39 1.90 0.00	33.45 2.27 0.00	32.36 2.24 0.00	32.07 2.16 0.00	32.74 2.34 0.00	36.84 2.73 0.00	39.63 3.09 0.00	31.85 2.52 0.00	29.97 2.36 0.00	35.46 2.95 0.00	36.05 2.74 0.00	38.24 2.59 0.00	39.16 2.62 0.00	42.96 3.02 0.00	44.23 3.07 0.00	44.59 3.26 0.00	57.49 4.12 0.00	57.14 3.80 0.00	44.02 2.70 0.00	41.80 2.68 0.00	41.78 3.05 0.00	41.92 2.89 0.00	33.58 2.57 0.00
PATROON__115KV_TB1 80586	26.56 0.78 0.00	26.25 0.75 0.00	32.14 0.96 0.00	31.09 0.96 0.00	30.81 0.90 0.00	31.34 0.94 0.00	35.13 1.03 0.00	37.72 1.19 0.00	30.29 0.96 0.00	28.49 0.89 0.00	33.41 0.91 0.00	34.22 0.91 0.00	36.58 0.93 0.00	37.61 1.07 0.00	41.13 1.19 0.00	42.31 1.15 0.00	42.57 1.24 0.00	54.98 1.61 0.00	54.98 1.64 0.00	42.61 1.29 0.00	40.36 1.24 0.00	39.90 1.18 0.00	40.02 0.98 0.00	31.82 0.81 0.00
PATTRSNVILLE___SOLAR 323815	26.98 1.20 0.00	26.63 1.14 0.00	32.59 1.41 0.00	31.48 1.36 0.00	31.22 1.31 0.00	31.80 1.41 0.00	35.67 1.57 0.00	38.14 1.60 0.00	30.50 1.16 0.00	28.64 1.04 0.00	33.59 1.09 0.00	34.34 1.03 0.00	36.79 1.14 0.00	37.81 1.27 0.00	41.34 1.40 0.00	42.81 1.65 0.00	43.13 1.80 0.00	55.70 2.33 0.00	55.97 2.63 0.00	43.45 2.14 0.00	41.23 2.11 0.00	40.75 2.03 0.00	41.00 1.96 0.00	32.50 1.49 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.47 -0.31 0.00	25.13 -0.37 0.00	30.51 -0.67 0.00	29.34 -0.79 0.00	28.89 -1.02 0.00	29.61 -0.78 0.00	33.18 -0.93 0.00	35.17 -1.37 0.00	28.62 -0.72 0.00	27.21 -0.40 0.00	32.46 -0.05 0.00	33.64 0.33 0.00	36.39 0.75 0.00	37.58 1.04 0.00	41.59 1.64 0.00	43.11 1.95 0.00	43.03 1.70 0.00	55.53 2.17 0.00	55.01 1.67 0.00	42.63 1.31 0.00	39.98 0.86 0.00	39.47 0.75 0.00	40.02 0.99 0.00	31.52 0.51 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.80 2.02 0.00	27.23 1.74 0.00	33.22 2.04 0.00	32.12 1.99 0.00	31.79 1.88 0.00	32.43 2.04 0.00	36.47 2.37 0.00	39.30 2.76 0.00	31.63 2.30 0.00	29.86 2.25 0.00	35.35 2.85 0.00	36.25 2.94 0.00	38.60 2.95 0.00	39.54 3.00 0.00	43.24 3.30 0.00	44.55 3.39 0.00	44.92 3.59 0.00	57.84 4.47 0.00	57.61 4.27 0.00	44.37 3.06 0.00	42.06 2.94 0.00	41.72 3.00 0.00	41.89 2.86 0.00	33.33 2.32 0.00
PEEKSKILL___ 23653	27.50 1.71 0.00	26.94 1.45 0.00	32.85 1.67 0.00	31.80 1.67 0.00	31.49 1.59 0.00	32.13 1.73 0.00	36.12 2.02 0.00	38.88 2.34 0.00	31.24 1.91 0.00	29.44 1.84 0.00	34.87 2.36 0.00	35.73 2.42 0.00	37.95 2.30 0.00	38.84 2.30 0.00	42.50 2.56 0.00	43.73 2.57 0.00	44.11 2.78 0.00	56.81 3.44 0.00	56.50 3.16 0.00	43.51 2.19 0.00	41.29 2.17 0.00	41.04 2.32 0.00	41.22 2.19 0.00	32.89 1.88 0.00
PGE MADISON___WINDPWR 24146	28.17 2.22 -0.17	27.74 2.09 -0.16	34.13 2.45 -0.50	32.46 2.31 -0.02	32.30 2.28 -0.11	33.38 2.51 -0.48	37.85 3.01 -0.74	40.64 3.21 -0.89	32.19 2.47 -0.39	30.34 2.44 -0.30	36.03 2.87 -0.65	37.11 3.08 -0.72	39.86 3.32 -0.89	40.20 3.58 -0.08	44.88 3.73 -1.20	46.41 3.95 -1.30	47.14 4.50 -1.31	61.47 5.94 -2.17	61.62 6.12 -2.16	47.63 5.01 -1.30	44.93 4.67 -1.14	44.15 4.33 -1.10	44.08 3.99 -1.05	34.19 2.64 -0.55

PIERCEFIELD___HYD 23852	-37.75 -1.20 62.33	-168.61 -1.11 193.00	-61.29 -1.35 91.12	28.09 -1.25 0.79	29.14 -0.81 -0.05	26.97 -1.36 2.07	31.50 -1.44 1.16	35.40 -1.55 -0.41	28.20 -1.32 -0.18	26.43 -1.31 -0.14	31.09 -1.70 -0.29	-0.10 -1.77 31.63	34.34 -1.73 -0.42	4.17 -1.94 30.43	38.19 -2.32 -0.56	37.78 -2.47 0.91	39.23 -2.71 -0.61	51.00 -3.38 -1.02	51.21 -3.14 -1.02	39.70 -2.23 -0.61	37.64 -2.02 -0.54	37.36 -1.88 -0.52	37.66 -1.87 -0.50	29.69 -1.58 -0.26
PINELAWN_CC_1 323563	27.63 1.84 0.00	27.30 1.68 -0.12	33.35 2.17 0.00	32.31 2.19 0.00	39.84 2.15 -7.79	32.66 2.27 0.00	36.67 2.56 0.00	40.74 3.02 -1.18	31.59 2.26 0.00	29.86 2.21 -0.05	44.15 2.92 -8.72	40.40 2.82 -4.28	38.11 2.47 0.00	38.80 2.26 0.00	42.29 2.35 0.00	43.37 2.21 0.00	43.85 2.56 0.04	57.20 3.19 -0.64	57.87 2.90 -1.63	43.21 1.89 0.00	40.94 1.82 0.00	40.71 1.99 0.00	41.26 2.22 0.00	33.28 2.26 0.00
PJM_GEN_HTTP_PROXY 323702	27.74 1.96 0.00	27.15 1.66 0.00	33.09 1.91 0.00	32.04 1.91 0.00	31.74 1.83 0.00	32.38 1.98 0.00	36.42 2.32 0.00	39.24 2.70 0.00	31.54 2.20 0.00	29.71 2.11 0.00	35.24 2.73 0.00	36.09 2.78 0.00	38.25 2.60 0.00	39.10 2.56 0.00	42.79 2.84 0.00	43.97 2.81 0.00	44.34 3.01 0.00	57.04 3.67 0.00	57.58 3.37 -0.88	43.67 2.35 0.00	41.45 2.33 0.00	41.27 2.55 0.00	40.35 2.47 1.16	33.16 2.15 0.00
PJM_GEN_KEystone 24065	25.12 0.53 1.20	23.39 0.32 2.42	6.82 0.26 24.63	25.11 0.24 5.27	30.04 0.13 0.00	30.70 0.30 0.00	34.49 0.39 0.00	36.84 0.30 0.00	29.74 0.40 0.00	28.11 0.51 0.00	33.42 0.92 0.00	34.38 1.07 0.00	36.72 1.07 0.00	37.67 1.13 0.00	41.33 1.46 0.07	42.77 1.61 0.00	43.02 1.69 0.00	55.41 2.04 0.00	63.67 1.61 -8.72	40.16 1.08 2.24	40.10 0.98 0.00	39.70 0.97 0.00	38.92 1.04 1.16	31.79 0.77 0.00
PJM_GEN_NEPTUNE_PROXY 323594	27.62 1.84 0.00	27.24 1.65 -0.09	33.26 2.08 0.00	32.21 2.09 0.00	36.12 2.03 -4.18	32.55 2.15 0.00	36.54 2.44 0.00	40.05 2.84 -0.67	31.49 2.16 0.00	29.76 2.12 -0.04	37.94 2.83 -2.60	37.18 2.86 -1.01	38.20 2.56 0.00	38.93 2.39 0.00	42.46 2.51 0.00	43.59 2.43 0.00	44.05 2.72 0.00	56.69 3.33 0.00	57.22 3.01 -0.88	43.32 2.01 0.00	41.08 1.96 0.00	40.86 2.14 0.00	40.00 2.12 1.16	32.94 1.93 0.00
PJM_GEN_VFT_PROXY 323633	27.68 1.90 0.00	27.08 1.59 0.00	32.97 1.79 0.00	31.92 1.79 0.00	31.62 1.71 0.00	32.27 1.88 0.00	36.28 2.17 0.00	39.05 2.51 0.00	31.40 2.07 0.00	29.60 1.99 0.00	35.07 2.57 0.00	35.93 2.62 0.00	38.06 2.41 0.00	38.92 2.38 0.00	41.53 2.58 1.00	43.73 2.57 0.00	44.10 2.77 0.00	56.68 3.32 0.01	56.12 2.99 0.20	43.07 2.08 0.32	41.28 2.16 0.00	41.09 2.36 0.00	40.17 2.29 1.16	33.07 2.06 0.00
PLATSBURG_115KV_PMLD1 355749	21.67 0.97 5.09	10.71 0.96 15.74	24.95 1.23 7.45	31.34 1.28 0.07	31.23 1.33 0.00	31.45 1.25 0.19	35.64 1.66 0.12	38.02 1.49 0.00	30.29 0.96 0.00	28.32 0.72 0.00	32.95 0.45 0.00	30.94 0.24 2.61	36.17 0.52 0.00	34.60 0.54 2.48	40.64 0.70 0.00	41.55 0.52 0.12	41.14 -0.19 0.00	53.21 -0.15 0.00	53.36 0.02 0.00	41.85 0.53 0.00	39.62 0.50 0.00	39.05 0.32 0.00	39.80 0.77 0.00	31.22 0.20 0.00
PLEASANTVLY___LBMP 24000	27.27 1.48 0.00	26.76 1.27 0.00	32.69 1.51 0.00	31.62 1.50 0.00	31.32 1.41 0.00	31.93 1.54 0.00	35.88 1.78 0.00	38.61 2.08 0.00	31.01 1.68 0.00	29.21 1.61 0.00	34.49 1.99 0.00	35.33 2.03 0.00	37.60 1.96 0.00	38.52 1.98 0.00	42.15 2.21 0.00	43.36 2.20 0.00	43.71 2.38 0.00	56.30 2.93 0.00	56.11 2.77 0.00	43.27 1.96 0.00	41.05 1.93 0.00	40.74 2.02 0.00	40.93 1.89 0.00	32.61 1.60 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.59 1.81 0.00	27.04 1.54 0.00	32.99 1.81 0.00	31.92 1.79 0.00	31.61 1.70 0.00	32.25 1.85 0.00	36.26 2.16 0.00	39.03 2.50 0.00	31.34 2.01 0.00	29.55 1.94 0.00	34.98 2.48 0.00	35.86 2.55 0.00	38.10 2.45 0.00	38.99 2.45 0.00	42.65 2.71 0.00	43.90 2.74 0.00	44.26 2.93 0.00	56.97 3.61 0.00	56.73 3.39 0.00	43.71 2.39 0.00	41.46 2.34 0.00	41.19 2.46 0.00	41.41 2.37 0.00	33.01 2.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.59 1.81 0.00	27.04 1.54 0.00	32.99 1.81 0.00	31.92 1.79 0.00	31.61 1.70 0.00	32.25 1.85 0.00	36.26 2.16 0.00	39.03 2.50 0.00	31.34 2.01 0.00	29.55 1.94 0.00	34.98 2.48 0.00	35.86 2.55 0.00	38.10 2.45 0.00	38.99 2.45 0.00	42.65 2.71 0.00	43.90 2.74 0.00	44.26 2.93 0.00	56.97 3.61 0.00	56.73 3.39 0.00	43.71 2.39 0.00	41.46 2.34 0.00	41.19 2.46 0.00	41.41 2.37 0.00	33.01 2.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.54 1.76 0.00	27.01 1.52 0.00	32.98 1.80 0.00	31.89 1.76 0.00	31.57 1.66 0.00	32.19 1.79 0.00	36.18 2.08 0.00	38.96 2.43 0.00	31.32 1.99 0.00	29.53 1.93 0.00	34.91 2.40 0.00	35.79 2.48 0.00	38.13 2.49 0.00	39.07 2.53 0.00	42.79 2.85 0.00	44.10 2.94 0.00	44.50 3.17 0.00	57.30 3.93 0.00	57.11 3.78 0.00	44.05 2.74 0.00	41.74 2.62 0.00	41.39 2.67 0.00	41.53 2.50 0.00	33.04 2.03 0.00
POLETTI_____ 23519	27.74 1.96 0.00	27.15 1.66 0.00	33.08 1.90 0.00	32.02 1.90 0.00	31.73 1.82 0.00	32.37 1.98 0.00	36.41 2.31 0.00	39.22 2.68 0.00	31.52 2.19 0.00	29.71 2.11 0.00	35.23 2.72 0.00	36.09 2.78 0.00	38.22 2.57 0.00	39.07 2.53 0.00	42.72 2.78 0.00	43.93 2.77 0.00	44.30 2.97 0.00	56.98 3.62 0.00	56.63 3.29 0.00	43.60 2.28 0.00	41.41 2.29 0.00	41.24 2.52 0.00	41.48 2.45 0.00	33.17 2.16 0.00
POMONA___ESR 323819	27.50 1.71 0.00	26.92 1.43 0.00	32.82 1.64 0.00	31.76 1.63 0.00	31.46 1.55 0.00	32.10 1.70 0.00	36.08 1.98 0.00	38.82 2.28 0.00	31.21 1.88 0.00	29.43 1.82 0.00	34.87 2.36 0.00	35.76 2.46 0.00	38.01 2.36 0.00	38.93 2.40 0.00	42.61 2.67 0.00	43.87 2.71 0.00	44.27 2.94 0.00	57.02 3.65 0.00	56.71 3.38 0.00	43.61 2.30 0.00	41.39 2.27 0.00	41.12 2.39 0.00	41.28 2.25 0.00	32.91 1.90 0.00
PORT_JEFF_3 23555	27.75 1.96 0.00	27.47 1.86 -0.12	33.65 2.47 0.00	32.61 2.48 0.00	40.16 2.47 -7.79	33.03 2.63 0.00	37.02 2.91 0.00	41.16 3.44 -1.18	31.84 2.51 0.00	30.09 2.44 -0.05	99.83 3.29 -64.03	66.03 3.28 -29.44	38.54 2.90 0.00	39.11 2.57 0.00	42.59 2.64 0.00	43.78 2.62 0.00	44.20 2.88 0.02	67.53 3.64 -10.53	82.19 3.32 -25.54	43.51 2.18 0.00	41.26 2.14 0.00	40.96 2.23 0.00	41.30 2.26 0.00	33.13 2.12 0.00
PORT_JEFF_4 23616	27.75 1.96 0.00	27.47 1.86 -0.12	33.65 2.47 0.00	32.61 2.48 0.00	40.16 2.47 -7.79	33.03 2.63 0.00	37.02 2.91 0.00	41.16 3.44 -1.18	31.84 2.51 0.00	30.09 2.44 -0.05	99.83 3.29 -64.03	66.03 3.28 -29.44	38.54 2.90 0.00	39.11 2.57 0.00	42.59 2.64 0.00	43.78 2.62 0.00	44.20 2.88 0.02	67.53 3.64 -10.53	82.19 3.32 -25.54	43.51 2.18 0.00	41.26 2.14 0.00	40.96 2.23 0.00	41.30 2.26 0.00	33.13 2.12 0.00

PORT_JEFF_IC 23713	27.81 2.02 0.00	27.52 1.90 -0.12	33.71 2.53 0.00	32.66 2.54 0.00	40.22 2.53 -7.79	33.08 2.68 0.00	37.09 2.99 0.00	41.24 3.52 -1.18	31.92 2.59 0.00	30.18 2.53 -0.05	109.01 3.42 -73.08	70.04 3.39 -33.35	38.56 2.91 0.00	39.15 2.61 0.00	42.62 2.68 0.00	43.84 2.68 0.00	44.24 2.93 0.02	69.24 3.73 -12.14	86.75 3.38 -30.02	43.58 2.25 0.00	41.29 2.17 0.00	40.99 2.27 0.00	41.38 2.35 0.00	33.24 2.23 0.00
PPL PILGRIM_ST_GT1 24216	27.92 2.13 0.00	27.64 2.03 -0.12	33.81 2.63 0.00	32.76 2.63 0.00	40.29 2.60 -7.79	33.12 2.73 0.00	37.15 3.05 0.00	41.23 3.51 -1.18	31.87 2.54 0.00	30.16 2.51 -0.05	52.94 3.40 -17.03	48.60 3.40 -11.89	38.69 3.04 0.00	39.29 2.75 0.00	42.70 2.76 0.00	43.80 2.64 0.00	44.27 2.96 0.02	59.22 3.71 -2.14	61.88 3.40 -5.14	43.58 2.26 0.00	41.30 2.18 0.00	41.04 2.32 0.00	41.69 2.66 0.00	33.37 2.36 0.00
PPL PILGRIM_ST_GT2 24217	27.92 2.13 0.00	27.64 2.03 -0.12	33.81 2.63 0.00	32.76 2.63 0.00	40.29 2.60 -7.79	33.12 2.73 0.00	37.15 3.05 0.00	41.23 3.51 -1.18	31.87 2.54 0.00	30.16 2.51 -0.05	52.94 3.40 -17.03	48.60 3.40 -11.89	38.69 3.04 0.00	39.29 2.75 0.00	42.70 2.76 0.00	43.80 2.64 0.00	44.27 2.96 0.02	59.22 3.71 -2.14	61.88 3.40 -5.14	43.58 2.26 0.00	41.30 2.18 0.00	41.04 2.32 0.00	41.69 2.66 0.00	33.37 2.36 0.00
PPL_SHRM_GT3 24213	27.70 1.92 0.00	27.43 1.82 -0.12	33.61 2.44 0.00	32.54 2.41 0.00	40.16 2.47 -7.79	33.05 2.65 0.00	37.05 2.95 0.00	41.20 3.48 -1.18	31.88 2.55 0.00	30.17 2.52 -0.05	101.22 3.42 -65.29	66.78 3.47 -30.00	38.77 3.13 0.00	39.38 2.83 0.00	42.89 2.95 0.00	44.19 3.03 0.00	44.61 3.30 0.02	68.30 4.18 -10.75	83.37 3.82 -26.21	43.88 2.55 0.00	41.63 2.51 0.00	41.28 2.55 0.00	41.53 2.50 0.00	33.22 2.21 0.00
PPL_SHRM_GT4 24214	27.70 1.92 0.00	27.43 1.82 -0.12	33.61 2.44 0.00	32.54 2.41 0.00	40.16 2.47 -7.79	33.05 2.65 0.00	37.05 2.95 0.00	41.20 3.48 -1.18	31.88 2.55 0.00	30.17 2.52 -0.05	101.22 3.42 -65.29	66.78 3.47 -30.00	38.77 3.13 0.00	39.38 2.83 0.00	42.89 2.95 0.00	44.19 3.03 0.00	44.61 3.30 0.02	68.30 4.18 -10.75	83.37 3.82 -26.21	43.88 2.55 0.00	41.63 2.51 0.00	41.28 2.55 0.00	41.53 2.50 0.00	33.22 2.21 0.00
PROJECT___ORANGE 1 24174	24.11 -0.17 1.50	20.14 -0.21 5.14	28.99 -0.32 1.87	29.79 -0.34 0.00	29.68 -0.38 -0.15	30.70 -0.28 -0.58	34.76 -0.29 -0.95	37.39 -0.34 -1.20	29.66 -0.19 -0.52	27.91 -0.09 -0.40	33.42 0.04 -0.88	33.52 0.13 -0.08	37.02 0.17 -1.20	36.05 0.25 0.74	41.97 0.41 -1.61	43.35 0.50 -1.69	43.63 0.54 -1.75	57.02 0.75 -2.90	56.91 0.68 -2.90	43.59 0.52 -1.75	41.07 0.42 -1.53	40.50 0.31 -1.47	40.69 0.24 -1.42	31.79 0.05 -0.73
PROJECT___ORANGE 2 24166	24.11 -0.17 1.50	20.14 -0.21 5.14	28.99 -0.32 1.87	29.79 -0.34 0.00	29.68 -0.38 -0.15	30.70 -0.28 -0.58	34.76 -0.29 -0.95	37.39 -0.34 -1.20	29.66 -0.19 -0.52	27.91 -0.09 -0.40	33.42 0.04 -0.88	33.52 0.13 -0.08	37.02 0.17 -1.20	36.05 0.25 0.74	41.97 0.41 -1.61	43.35 0.50 -1.69	43.63 0.54 -1.75	57.02 0.75 -2.90	56.91 0.68 -2.90	43.59 0.52 -1.75	41.07 0.42 -1.53	40.50 0.31 -1.47	40.69 0.24 -1.42	31.79 0.05 -0.73
PUCKETT___SOLAR 323809	26.64 0.70 -0.16	26.22 0.58 -0.15	32.31 0.66 -0.46	30.74 0.60 -0.02	30.55 0.54 -0.11	31.53 0.69 -0.45	35.63 0.83 -0.69	38.17 0.80 -0.83	30.36 0.66 -0.36	28.54 0.65 -0.28	34.01 0.90 -0.61	34.99 1.01 -0.67	37.71 1.23 -0.83	37.86 1.25 -0.07	42.55 1.48 -1.12	44.18 1.82 -1.21	44.56 2.00 -1.22	57.91 2.52 -2.02	57.74 2.40 -2.00	44.52 2.00 -1.20	42.03 1.86 -1.05	41.42 1.69 -1.01	41.63 1.63 -0.97	32.50 0.99 -0.50
PYRITES___HYD 24023	-40.84 -0.59 66.04	-179.48 -0.49 204.48	-65.99 -0.60 96.57	28.75 -0.54 0.83	29.88 -0.07 -0.05	27.55 -0.62 2.23	32.22 -0.61 1.28	36.24 -0.67 -0.37	28.84 -0.65 -0.17	27.00 -0.73 -0.13	31.62 -1.15 -0.26	-1.41 -1.15 33.56	35.01 -1.02 -0.38	3.06 -1.24 32.24	38.87 -1.59 -0.52	38.30 -1.80 1.05	39.84 -2.06 -0.57	51.72 -2.58 -0.93	52.01 -2.26 -0.93	40.51 -1.37 -0.56	38.57 -1.05 -0.49	38.29 -0.91 -0.47	38.60 -0.88 -0.46	30.44 -0.81 -0.23
QUAKERRD_115KV_BK1 80622	25.12 -0.66 0.00	24.80 -0.69 0.00	30.19 -0.99 0.00	29.09 -1.03 0.00	28.75 -1.16 0.00	29.39 -1.01 0.00	32.96 -1.15 0.00	35.12 -1.42 0.00	28.40 -0.93 0.00	26.88 -0.72 0.00	31.90 -0.60 0.00	32.99 -0.31 0.00	35.61 -0.04 0.00	36.66 0.11 0.00	40.35 0.41 0.00	41.69 0.54 0.00	41.75 0.42 0.00	53.97 0.61 0.00	53.82 0.48 0.00	41.68 0.36 0.00	39.19 0.07 0.00	38.69 -0.03 0.00	39.03 0.00 0.00	30.80 -0.22 0.00
QUENSBRY_115KV_TB8 356137	27.07 1.29 0.00	26.80 1.31 0.00	32.97 1.80 0.00	31.89 1.76 0.00	31.63 1.73 0.00	32.16 1.77 0.00	36.15 2.05 0.00	38.82 2.28 0.00	31.07 1.74 0.00	29.15 1.54 0.00	34.01 1.51 0.00	34.97 1.66 0.00	37.29 1.64 0.00	38.53 1.99 0.00	42.12 2.17 0.00	43.59 2.43 0.00	43.88 2.54 0.00	56.85 3.48 0.00	57.43 4.09 0.00	44.58 3.26 0.00	42.32 3.20 0.00	41.51 2.78 0.00	41.83 2.80 0.00	33.03 2.02 0.00
RAMAPO___LBMP 323565	27.35 1.57 0.00	26.79 1.29 0.00	32.67 1.49 0.00	31.62 1.49 0.00	31.31 1.41 0.00	31.95 1.55 0.00	35.92 1.82 0.00	38.62 2.09 0.00	31.05 1.71 0.00	29.27 1.66 0.00	34.67 2.16 0.00	35.55 2.24 0.00	37.76 2.12 0.00	38.67 2.13 0.00	42.30 2.36 0.00	43.57 2.41 0.00	43.96 2.63 0.00	56.63 3.26 0.00	56.33 2.99 0.00	43.33 2.01 0.00	41.14 2.02 0.00	40.87 2.15 0.00	41.03 2.00 0.00	32.72 1.71 0.00
RANKINE___ 23646	25.48 -0.30 0.00	25.15 -0.34 0.00	30.54 -0.64 0.00	29.37 -0.75 0.00	28.91 -1.00 0.00	29.63 -0.76 0.00	33.18 -0.92 0.00	35.15 -1.39 0.00	28.60 -0.73 0.00	27.19 -0.42 0.00	32.42 -0.09 0.00	33.60 0.29 0.00	36.40 0.75 0.00	37.61 1.07 0.00	41.62 1.68 0.00	43.08 1.92 0.00	43.00 1.67 0.00	55.49 2.12 0.00	54.96 1.62 0.00	42.58 1.27 0.00	39.95 0.83 0.00	39.45 0.73 0.00	40.02 0.99 0.00	31.55 0.53 0.00
RAVENSWOOD_GT2_1 24244	27.79 2.01 0.00	27.20 1.70 0.00	33.14 1.97 0.00	32.07 1.95 0.00	31.77 1.87 0.00	32.42 2.03 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.56 2.23 0.00	29.74 2.14 0.00	35.26 2.75 0.00	36.10 2.79 0.00	38.22 2.58 0.00	39.08 2.54 0.00	42.74 2.79 0.00	43.94 2.78 0.00	44.32 2.99 0.00	57.02 3.65 0.00	56.66 3.32 0.00	43.65 2.33 0.00	41.46 2.34 0.00	41.32 2.60 0.00	41.57 2.54 0.00	33.24 2.23 0.00
RAVENSWOOD_GT2_2 24245	27.79 2.01 0.00	27.20 1.70 0.00	33.14 1.97 0.00	32.07 1.95 0.00	31.77 1.87 0.00	32.42 2.03 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.56 2.23 0.00	29.74 2.14 0.00	35.26 2.75 0.00	36.10 2.79 0.00	38.22 2.58 0.00	39.08 2.54 0.00	42.74 2.79 0.00	43.94 2.78 0.00	44.32 2.99 0.00	57.02 3.65 0.00	56.66 3.32 0.00	43.65 2.33 0.00	41.46 2.34 0.00	41.32 2.60 0.00	41.57 2.54 0.00	33.24 2.23 0.00

RAVENSWOOD_GT2_3 24246	27.80 2.02 0.00	27.21 1.72 0.00	33.16 1.98 0.00	32.10 1.98 0.00	31.79 1.89 0.00	32.44 2.04 0.00	36.49 2.39 0.00	39.30 2.76 0.00	31.58 2.25 0.00	29.77 2.17 0.00	35.28 2.78 0.00	36.12 2.81 0.00	38.26 2.61 0.00	39.11 2.57 0.00	42.77 2.83 0.00	43.98 2.82 0.00	44.35 3.02 0.00	57.06 3.69 0.00	56.71 3.37 0.00	43.67 2.36 0.00	41.50 2.38 0.00	41.35 2.63 0.00	41.60 2.57 0.00	33.26 2.25 0.00
RAVENSWOOD_GT2_4 24247	27.80 2.02 0.00	27.21 1.72 0.00	33.16 1.98 0.00	32.10 1.98 0.00	31.79 1.89 0.00	32.44 2.04 0.00	36.49 2.39 0.00	39.30 2.76 0.00	31.58 2.25 0.00	29.77 2.17 0.00	35.28 2.78 0.00	36.12 2.81 0.00	38.26 2.61 0.00	39.11 2.57 0.00	42.77 2.83 0.00	43.98 2.82 0.00	44.35 3.02 0.00	57.06 3.69 0.00	56.71 3.37 0.00	43.67 2.36 0.00	41.50 2.38 0.00	41.35 2.63 0.00	41.60 2.57 0.00	33.26 2.25 0.00
RAVENSWOOD_GT3_1 24248	27.79 2.01 0.00	27.20 1.71 0.00	33.15 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.03 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.56 2.23 0.00	29.74 2.14 0.00	35.26 2.75 0.00	36.10 2.79 0.00	38.23 2.58 0.00	39.08 2.55 0.00	42.74 2.79 0.00	43.94 2.78 0.00	44.32 2.99 0.00	57.02 3.65 0.00	56.66 3.32 0.00	43.65 2.33 0.00	41.46 2.34 0.00	41.32 2.60 0.00	41.58 2.54 0.00	33.24 2.23 0.00
RAVENSWOOD_GT3_2 24249	27.79 2.01 0.00	27.20 1.71 0.00	33.15 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.03 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.56 2.23 0.00	29.74 2.14 0.00	35.26 2.75 0.00	36.10 2.79 0.00	38.23 2.58 0.00	39.08 2.55 0.00	42.74 2.79 0.00	43.94 2.78 0.00	44.32 2.99 0.00	57.02 3.65 0.00	56.66 3.32 0.00	43.65 2.33 0.00	41.46 2.34 0.00	41.32 2.60 0.00	41.58 2.54 0.00	33.24 2.23 0.00
RAVENSWOOD_GT3_3 24250	27.85 2.06 0.00	27.25 1.76 0.00	33.21 2.03 0.00	32.13 2.00 0.00	31.83 1.93 0.00	32.49 2.09 0.00	36.55 2.45 0.00	39.36 2.82 0.00	31.63 2.30 0.00	29.81 2.21 0.00	35.35 2.84 0.00	36.18 2.87 0.00	38.32 2.67 0.00	39.18 2.64 0.00	42.85 2.90 0.00	44.06 2.90 0.00	44.44 3.10 0.00	57.16 3.80 0.00	56.81 3.47 0.00	43.75 2.44 0.00	41.57 2.44 0.00	41.42 2.70 0.00	41.67 2.64 0.00	33.31 2.30 0.00
RAVENSWOOD_GT3_4 24251	27.85 2.06 0.00	27.25 1.76 0.00	33.21 2.03 0.00	32.13 2.00 0.00	31.83 1.93 0.00	32.49 2.09 0.00	36.55 2.45 0.00	39.36 2.82 0.00	31.63 2.30 0.00	29.81 2.21 0.00	35.35 2.84 0.00	36.18 2.87 0.00	38.32 2.67 0.00	39.18 2.64 0.00	42.85 2.90 0.00	44.06 2.90 0.00	44.44 3.10 0.00	57.16 3.80 0.00	56.81 3.47 0.00	43.75 2.44 0.00	41.57 2.44 0.00	41.42 2.70 0.00	41.67 2.64 0.00	33.31 2.30 0.00
RAVENSWOOD_GT_1 23729	27.85 2.07 0.00	27.25 1.76 0.00	33.21 2.03 0.00	32.12 2.00 0.00	31.83 1.92 0.00	32.49 2.09 0.00	36.57 2.47 0.00	39.40 2.87 0.00	31.65 2.31 0.00	29.82 2.21 0.00	35.36 2.85 0.00	36.17 2.86 0.00	38.25 2.60 0.00	39.10 2.56 0.00	42.74 2.80 0.00	43.93 2.77 0.00	44.33 3.00 0.00	57.00 3.64 0.00	56.60 3.26 0.00	43.62 2.30 0.00	41.43 2.31 0.00	41.38 2.66 0.00	41.65 2.62 0.00	33.33 2.32 0.00
RAVENSWOOD_GT_10 24258	27.79 2.01 0.00	27.20 1.71 0.00	33.15 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.03 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.56 2.23 0.00	29.74 2.14 0.00	35.26 2.75 0.00	36.10 2.79 0.00	38.23 2.58 0.00	39.08 2.55 0.00	42.74 2.79 0.00	43.96 2.80 0.00	44.33 2.99 0.00	57.03 3.66 0.00	56.68 3.34 0.00	43.66 2.34 0.00	41.47 2.35 0.00	41.32 2.60 0.00	41.58 2.54 0.00	33.24 2.23 0.00
RAVENSWOOD_GT_11 24259	27.79 2.01 0.00	27.20 1.71 0.00	33.15 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.03 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.56 2.23 0.00	29.74 2.14 0.00	35.26 2.75 0.00	36.10 2.79 0.00	38.23 2.58 0.00	39.08 2.55 0.00	42.74 2.79 0.00	43.96 2.80 0.00	44.33 2.99 0.00	57.03 3.66 0.00	56.68 3.34 0.00	43.66 2.34 0.00	41.47 2.35 0.00	41.32 2.60 0.00	41.58 2.54 0.00	33.24 2.23 0.00
RAVENSWOOD_GT_4 24252	27.79 2.01 0.00	27.20 1.71 0.00	33.14 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.47 2.37 0.00	39.27 2.74 0.00	31.56 2.23 0.00	29.75 2.15 0.00	35.26 2.75 0.00	36.11 2.80 0.00	38.24 2.59 0.00	39.11 2.57 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.35 3.02 0.00	57.06 3.69 0.00	56.72 3.38 0.00	43.68 2.37 0.00	41.50 2.38 0.00	41.33 2.61 0.00	41.58 2.55 0.00	33.24 2.22 0.00
RAVENSWOOD_GT_5 24254	27.79 2.01 0.00	27.20 1.71 0.00	33.14 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.47 2.37 0.00	39.27 2.74 0.00	31.56 2.23 0.00	29.75 2.15 0.00	35.26 2.75 0.00	36.11 2.80 0.00	38.24 2.59 0.00	39.11 2.57 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.35 3.02 0.00	57.06 3.69 0.00	56.72 3.38 0.00	43.68 2.37 0.00	41.50 2.38 0.00	41.33 2.61 0.00	41.58 2.55 0.00	33.24 2.22 0.00
RAVENSWOOD_GT_6 24253	27.79 2.01 0.00	27.20 1.71 0.00	33.14 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.47 2.37 0.00	39.27 2.74 0.00	31.56 2.23 0.00	29.75 2.15 0.00	35.26 2.75 0.00	36.11 2.80 0.00	38.24 2.59 0.00	39.11 2.57 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.35 3.02 0.00	57.06 3.69 0.00	56.72 3.38 0.00	43.68 2.37 0.00	41.50 2.38 0.00	41.33 2.61 0.00	41.58 2.55 0.00	33.24 2.22 0.00
RAVENSWOOD_GT_7 24255	27.79 2.01 0.00	27.20 1.71 0.00	33.14 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.47 2.37 0.00	39.27 2.74 0.00	31.56 2.23 0.00	29.75 2.15 0.00	35.26 2.75 0.00	36.11 2.80 0.00	38.24 2.59 0.00	39.11 2.57 0.00	42.76 2.82 0.00	43.97 2.81 0.00	44.35 3.02 0.00	57.06 3.69 0.00	56.72 3.38 0.00	43.68 2.37 0.00	41.50 2.38 0.00	41.33 2.61 0.00	41.58 2.55 0.00	33.24 2.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.79 2.01 0.00	27.20 1.71 0.00	33.15 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.03 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.56 2.23 0.00	29.74 2.14 0.00	35.26 2.75 0.00	36.10 2.79 0.00	38.23 2.58 0.00	39.08 2.55 0.00	42.74 2.79 0.00	43.96 2.80 0.00	44.33 2.99 0.00	57.03 3.66 0.00	56.68 3.34 0.00	43.66 2.34 0.00	41.47 2.35 0.00	41.32 2.60 0.00	41.58 2.54 0.00	33.24 2.23 0.00
RAVENSWOOD_GT_9 24257	27.79 2.01 0.00	27.20 1.71 0.00	33.15 1.97 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.03 0.00	36.48 2.37 0.00	39.28 2.74 0.00	31.56 2.23 0.00	29.74 2.14 0.00	35.26 2.75 0.00	36.10 2.79 0.00	38.23 2.58 0.00	39.08 2.55 0.00	42.74 2.79 0.00	43.96 2.80 0.00	44.33 2.99 0.00	57.03 3.66 0.00	56.68 3.34 0.00	43.66 2.34 0.00	41.47 2.35 0.00	41.32 2.60 0.00	41.58 2.54 0.00	33.24 2.23 0.00

RAVENSWOOD___1 23533	27.83 2.05 0.00	27.24 1.75 0.00	33.18 2.01 0.00	32.10 1.97 0.00	31.81 1.91 0.00	32.46 2.07 0.00	36.54 2.44 0.00	39.38 2.84 0.00	31.62 2.29 0.00	29.79 2.19 0.00	35.32 2.82 0.00	36.13 2.82 0.00	38.21 2.57 0.00	39.06 2.52 0.00	42.72 2.78 0.00	43.90 2.74 0.00	44.30 2.97 0.00	56.97 3.60 0.00	56.56 3.22 0.00	43.59 2.27 0.00	41.40 2.28 0.00	41.35 2.63 0.00	41.62 2.58 0.00	33.31 2.30 0.00
RAVENSWOOD___2 23534	27.77 1.98 0.00	27.18 1.69 0.00	33.11 1.93 0.00	32.03 1.91 0.00	31.74 1.84 0.00	32.39 2.00 0.00	36.46 2.36 0.00	39.29 2.75 0.00	31.50 2.16 0.00	29.64 2.04 0.00	35.23 2.72 0.00	36.02 2.71 0.00	38.01 2.36 0.00	38.75 2.21 0.00	42.35 2.41 0.00	43.53 2.37 0.00	43.92 2.58 0.00	56.47 3.11 0.00	56.07 2.74 0.00	43.22 1.90 0.00	41.06 1.94 0.00	41.14 2.42 0.00	41.52 2.48 0.00	33.23 2.22 0.00
RAVENSWOOD___3 23535	27.79 2.01 0.00	27.20 1.71 0.00	33.15 1.97 0.00	32.07 1.94 0.00	31.78 1.87 0.00	32.43 2.03 0.00	36.48 2.38 0.00	39.28 2.75 0.00	31.56 2.23 0.00	29.75 2.14 0.00	35.26 2.76 0.00	36.09 2.78 0.00	38.23 2.58 0.00	39.08 2.54 0.00	42.74 2.80 0.00	43.95 2.79 0.00	44.32 2.99 0.00	57.02 3.65 0.00	56.66 3.32 0.00	43.64 2.32 0.00	41.46 2.34 0.00	41.32 2.60 0.00	41.58 2.54 0.00	33.24 2.23 0.00
RAVENSWOOD___4 23820	27.81 2.03 0.00	27.22 1.72 0.00	33.16 1.98 0.00	32.08 1.95 0.00	31.79 1.88 0.00	32.44 2.05 0.00	36.51 2.41 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.29 2.79 0.00	36.10 2.79 0.00	38.18 2.54 0.00	39.03 2.49 0.00	42.69 2.74 0.00	43.87 2.71 0.00	44.26 2.93 0.00	56.92 3.55 0.00	56.51 3.17 0.00	43.55 2.23 0.00	41.37 2.25 0.00	41.31 2.59 0.00	41.58 2.55 0.00	33.28 2.27 0.00
RCPL_TRUST___DRP 24196	27.78 1.99 0.00	27.18 1.69 0.00	33.13 1.95 0.00	32.07 1.95 0.00	31.77 1.86 0.00	32.42 2.03 0.00	36.48 2.38 0.00	39.30 2.76 0.00	31.60 2.26 0.00	29.77 2.17 0.00	35.31 2.81 0.00	36.17 2.86 0.00	38.33 2.68 0.00	39.18 2.64 0.00	42.86 2.91 0.00	44.05 2.89 0.00	44.41 3.08 0.00	57.14 3.77 0.00	56.79 3.45 0.00	43.73 2.41 0.00	41.50 2.38 0.00	41.32 2.60 0.00	41.57 2.54 0.00	33.21 2.19 0.00
RED___ROCHESTER 323720	25.83 0.05 0.00	25.48 -0.02 0.00	30.99 -0.19 0.00	29.84 -0.28 0.00	29.46 -0.44 0.00	30.15 -0.25 0.00	33.79 -0.32 0.00	35.96 -0.58 0.00	29.13 -0.20 0.00	27.59 -0.02 0.00	32.81 0.30 0.00	34.01 0.70 0.00	36.79 1.14 0.00	37.87 1.33 0.00	41.73 1.78 0.00	43.17 2.01 0.00	43.21 1.88 0.00	55.86 2.49 0.00	55.63 2.29 0.00	43.11 1.79 0.00	40.47 1.35 0.00	39.94 1.22 0.00	40.32 1.28 0.00	31.77 0.76 0.00
REGAN___SOLAR 323812	28.97 3.18 0.00	28.51 3.01 0.00	34.73 3.55 0.00	33.50 3.37 0.00	33.22 3.32 0.00	33.98 3.58 0.00	38.16 4.06 0.00	39.13 2.59 0.00	31.46 2.13 0.00	28.84 1.24 0.00	32.91 0.41 0.00	34.06 0.75 0.00	37.48 1.83 0.00	38.98 2.44 0.00	41.71 1.76 0.00	44.32 3.16 0.00	44.85 3.52 0.00	58.44 5.08 0.00	60.91 7.57 0.00	47.70 6.39 0.00	45.29 6.17 0.00	44.67 5.95 0.00	44.82 5.79 0.00	35.30 4.29 0.00
RENSSELAER___COGEN 23796	26.34 0.56 0.00	26.04 0.55 0.00	31.90 0.72 0.00	30.85 0.73 0.00	30.57 0.67 0.00	31.10 0.70 0.00	34.86 0.76 0.00	37.44 0.90 0.00	30.04 0.71 0.00	28.26 0.65 0.00	33.11 0.60 0.00	33.87 0.56 0.00	36.18 0.53 0.00	37.18 0.65 0.00	40.67 0.73 0.00	41.80 0.64 0.00	42.04 0.71 0.00	54.34 0.97 0.00	54.36 1.02 0.00	42.12 0.81 0.00	39.92 0.80 0.00	39.48 0.75 0.00	39.62 0.59 0.00	31.54 0.53 0.00
REPUBLIC_115KV_BARTNBK 55605	27.91 2.12 0.00	27.90 2.40 0.00	34.69 3.52 0.00	33.51 3.38 0.00	33.24 3.33 0.00	33.93 3.53 0.00	38.14 4.03 0.00	40.94 4.40 0.00	32.59 3.26 0.00	30.40 2.80 0.00	35.30 2.80 0.00	36.32 3.01 0.00	38.94 3.29 0.00	40.42 3.88 0.00	44.36 4.42 0.00	45.95 4.80 0.00	46.52 5.19 0.00	60.61 7.24 0.00	61.16 7.82 0.00	47.50 6.18 0.00	45.15 6.03 0.00	43.94 5.22 0.00	44.29 5.26 0.00	34.76 3.75 0.00
REVERE_CPFR_DRP 24186	21.53 0.99 5.25	9.92 0.91 16.48	24.73 1.06 7.50	31.08 1.01 0.05	31.00 1.01 -0.08	31.65 1.12 -0.14	35.80 1.31 -0.38	38.59 1.43 -0.62	30.80 1.20 -0.27	29.02 1.21 -0.21	34.41 1.45 -0.45	32.63 1.56 2.24	37.82 1.54 -0.62	35.55 1.58 2.56	42.73 1.94 -0.84	43.94 2.01 -0.77	44.27 2.03 -0.91	57.69 2.82 -1.51	57.80 2.96 -1.51	44.64 2.41 -0.91	42.30 2.38 -0.80	41.82 2.33 -0.76	41.88 2.11 -0.74	32.81 1.41 -0.38
REYNOLDS_115KV_TB3 80639	26.55 0.76 0.00	26.25 0.75 0.00	32.16 0.98 0.00	31.12 0.99 0.00	30.84 0.93 0.00	31.35 0.95 0.00	35.14 1.04 0.00	37.75 1.21 0.00	30.30 0.97 0.00	28.47 0.87 0.00	33.36 0.85 0.00	34.16 0.85 0.00	36.51 0.86 0.00	37.55 1.01 0.00	41.06 1.12 0.00	42.18 1.02 0.00	42.44 1.11 0.00	54.80 1.43 0.00	54.87 1.53 0.00	42.53 1.22 0.00	40.29 1.17 0.00	39.83 1.11 0.00	39.95 0.92 0.00	31.77 0.76 0.00
RIVERBAY____ 323610	28.05 2.27 0.00	27.39 1.90 0.00	33.45 2.27 0.00	32.36 2.24 0.00	32.07 2.16 0.00	32.74 2.34 0.00	36.84 2.73 0.00	39.63 3.09 0.00	31.85 2.52 0.00	29.97 2.36 0.00	35.46 2.95 0.00	36.05 2.74 0.00	38.24 2.59 0.00	39.16 2.62 0.00	42.96 3.02 0.00	44.23 3.07 0.00	44.59 3.26 0.00	57.49 4.12 0.00	57.14 3.80 0.00	44.02 2.70 0.00	41.80 2.68 0.00	41.78 3.05 0.00	41.92 2.89 0.00	33.58 2.57 0.00
RIVERSIDE_115KV_TB3 55908	26.50 0.71 0.00	26.19 0.70 0.00	32.08 0.90 0.00	31.03 0.91 0.00	30.75 0.84 0.00	31.27 0.88 0.00	35.06 0.95 0.00	37.65 1.11 0.00	30.23 0.90 0.00	28.42 0.82 0.00	33.32 0.81 0.00	34.11 0.80 0.00	36.47 0.82 0.00	37.49 0.95 0.00	40.99 1.05 0.00	42.14 0.98 0.00	42.38 1.05 0.00	54.75 1.39 0.00	54.79 1.45 0.00	42.46 1.14 0.00	40.22 1.10 0.00	39.77 1.05 0.00	39.89 0.86 0.00	31.73 0.72 0.00
ROARING___BROOK_WT_PWR 323790	27.94 -0.21 -2.37	32.65 -0.17 -7.34	34.43 -0.22 -3.47	29.95 -0.21 -0.03	29.77 -0.14 0.00	30.24 -0.24 -0.08	33.91 -0.25 -0.06	36.16 -0.38 0.00	28.94 -0.39 0.00	27.22 -0.39 0.00	32.01 -0.50 0.00	34.33 -0.54 -1.57	35.14 -0.51 0.00	37.44 -0.59 -1.49	39.22 -0.72 0.00	40.49 -0.74 -0.07	40.47 -0.86 0.00	52.29 -1.07 0.00	52.31 -1.03 0.00	40.56 -0.75 0.00	38.39 -0.73 0.00	38.03 -0.69 0.00	38.35 -0.68 0.00	30.48 -0.53 0.00
ROCHESRG_115KV_T4 355643	25.51 -0.28 0.00	25.18 -0.31 0.00	30.64 -0.54 0.00	29.51 -0.61 0.00	29.13 -0.77 0.00	29.80 -0.59 0.00	33.40 -0.70 0.00	35.54 -1.00 0.00	28.77 -0.57 0.00	27.24 -0.37 0.00	32.34 -0.16 0.00	33.46 0.15 0.00	36.17 0.52 0.00	37.25 0.71 0.00	41.04 1.10 0.00	42.42 1.26 0.00	42.44 1.11 0.00	54.85 1.48 0.00	54.61 1.27 0.00	42.30 0.98 0.00	39.78 0.66 0.00	39.28 0.55 0.00	39.69 0.65 0.00	31.32 0.30 0.00

ROCHESTER_9_IC 23652	25.68 -0.11 0.00	25.35 -0.15 0.00	30.83 -0.35 0.00	29.70 -0.43 0.00	29.31 -0.59 0.00	29.99 -0.41 0.00	33.61 -0.49 0.00	35.76 -0.78 0.00	28.96 -0.37 0.00	27.43 -0.18 0.00	32.59 0.08 0.00	33.75 0.44 0.00	36.49 0.84 0.00	37.58 1.04 0.00	41.42 1.47 0.00	42.81 1.65 0.00	42.85 1.52 0.00	55.37 2.01 0.00	55.13 1.80 0.00	42.71 1.40 0.00	40.13 1.01 0.00	39.62 0.90 0.00	40.02 0.98 0.00	31.57 0.55 0.00
ROCKVIEW_13_KV_LD 356306	27.77 1.99 0.00	27.20 1.70 0.00	33.17 1.99 0.00	32.10 1.98 0.00	31.78 1.87 0.00	32.45 2.05 0.00	36.50 2.39 0.00	39.26 2.73 0.00	31.56 2.23 0.00	29.74 2.13 0.00	35.25 2.74 0.00	36.11 2.80 0.00	38.35 2.70 0.00	39.22 2.68 0.00	42.86 2.92 0.00	44.15 2.99 0.00	44.53 3.20 0.00	57.33 3.97 0.00	57.01 3.67 0.00	43.92 2.60 0.00	41.62 2.50 0.00	41.40 2.68 0.00	41.62 2.59 0.00	33.21 2.20 0.00
ROME____115KV_TB2 80656	21.53 0.99 5.25	9.92 0.91 16.48	24.73 1.06 7.50	31.08 1.01 0.05	31.00 1.01 -0.08	31.65 1.12 -0.14	35.80 1.31 -0.38	38.59 1.43 -0.62	30.80 1.20 -0.27	29.02 1.21 -0.21	34.41 1.45 -0.45	32.63 1.56 2.24	37.82 1.54 -0.62	35.55 1.58 2.56	42.73 1.94 -0.84	43.94 2.01 -0.77	44.27 2.03 -0.91	57.69 2.82 -1.51	57.80 2.96 -1.51	44.64 2.41 -0.91	42.30 2.38 -0.80	41.82 2.33 -0.76	41.88 2.11 -0.74	32.81 1.41 -0.38
ROSETON____1 23587	27.22 1.43 0.00	26.72 1.22 0.00	32.62 1.45 0.00	31.56 1.43 0.00	31.26 1.35 0.00	31.87 1.48 0.00	35.81 1.70 0.00	38.51 1.98 0.00	30.94 1.61 0.00	29.15 1.54 0.00	34.45 1.94 0.00	35.29 1.98 0.00	37.55 1.91 0.00	38.44 1.90 0.00	42.06 2.12 0.00	43.29 2.13 0.00	43.65 2.31 0.00	56.21 2.84 0.00	56.01 2.67 0.00	43.19 1.87 0.00	40.97 1.85 0.00	40.68 1.96 0.00	40.87 1.84 0.00	32.57 1.56 0.00
ROSETON____2 23588	27.22 1.43 0.00	26.72 1.22 0.00	32.62 1.45 0.00	31.56 1.43 0.00	31.26 1.35 0.00	31.87 1.48 0.00	35.81 1.70 0.00	38.51 1.98 0.00	30.94 1.61 0.00	29.15 1.54 0.00	34.45 1.94 0.00	35.29 1.98 0.00	37.55 1.91 0.00	38.44 1.90 0.00	42.06 2.12 0.00	43.29 2.13 0.00	43.65 2.31 0.00	56.21 2.84 0.00	56.01 2.67 0.00	43.19 1.87 0.00	40.97 1.85 0.00	40.68 1.96 0.00	40.87 1.84 0.00	32.57 1.56 0.00
ROTTDAM_115KV_TB3 80664	26.74 0.95 0.00	26.40 0.91 0.00	32.33 1.15 0.00	31.25 1.13 0.00	30.98 1.07 0.00	31.53 1.13 0.00	35.35 1.25 0.00	37.89 1.36 0.00	30.38 1.05 0.00	28.57 0.97 0.00	33.53 1.03 0.00	34.36 1.05 0.00	36.75 1.10 0.00	37.76 1.22 0.00	41.31 1.36 0.00	42.61 1.45 0.00	42.88 1.55 0.00	55.36 2.00 0.00	55.46 2.12 0.00	43.00 1.68 0.00	40.76 1.64 0.00	40.29 1.57 0.00	40.51 1.47 0.00	32.15 1.14 0.00
RUSSELL____1 23602	25.83 0.05 0.00	25.49 -0.01 0.00	30.99 -0.19 0.00	29.84 -0.29 0.00	29.46 -0.44 0.00	30.14 -0.26 0.00	33.79 -0.32 0.00	35.96 -0.58 0.00	29.13 -0.20 0.00	27.59 -0.02 0.00	32.80 0.30 0.00	33.98 0.67 0.00	36.78 1.13 0.00	37.86 1.32 0.00	41.73 1.79 0.00	43.16 2.00 0.00	43.21 1.88 0.00	55.85 2.49 0.00	55.63 2.29 0.00	43.10 1.78 0.00	40.48 1.36 0.00	39.94 1.22 0.00	40.31 1.28 0.00	31.77 0.76 0.00
RUSSELL____2 23532	25.83 0.05 0.00	25.49 -0.01 0.00	30.99 -0.19 0.00	29.84 -0.29 0.00	29.46 -0.44 0.00	30.14 -0.26 0.00	33.79 -0.32 0.00	35.96 -0.58 0.00	29.13 -0.20 0.00	27.59 -0.02 0.00	32.80 0.30 0.00	33.98 0.67 0.00	36.78 1.13 0.00	37.86 1.32 0.00	41.73 1.79 0.00	43.16 2.00 0.00	43.21 1.88 0.00	55.85 2.49 0.00	55.63 2.29 0.00	43.10 1.78 0.00	40.48 1.36 0.00	39.94 1.22 0.00	40.31 1.28 0.00	31.77 0.76 0.00
RUSSELL____3 23549	25.83 0.05 0.00	25.49 -0.01 0.00	30.99 -0.19 0.00	29.84 -0.29 0.00	29.46 -0.44 0.00	30.14 -0.26 0.00	33.79 -0.32 0.00	35.96 -0.58 0.00	29.13 -0.20 0.00	27.59 -0.02 0.00	32.80 0.30 0.00	33.98 0.67 0.00	36.78 1.13 0.00	37.86 1.32 0.00	41.73 1.79 0.00	43.16 2.00 0.00	43.21 1.88 0.00	55.85 2.49 0.00	55.63 2.29 0.00	43.10 1.78 0.00	40.48 1.36 0.00	39.94 1.22 0.00	40.31 1.28 0.00	31.77 0.76 0.00
RUSSELL____4 23556	25.83 0.05 0.00	25.49 -0.01 0.00	30.99 -0.19 0.00	29.84 -0.29 0.00	29.46 -0.44 0.00	30.14 -0.26 0.00	33.79 -0.32 0.00	35.96 -0.58 0.00	29.13 -0.20 0.00	27.59 -0.02 0.00	32.80 0.30 0.00	33.98 0.67 0.00	36.78 1.13 0.00	37.86 1.32 0.00	41.73 1.79 0.00	43.16 2.00 0.00	43.21 1.88 0.00	55.85 2.49 0.00	55.63 2.29 0.00	43.10 1.78 0.00	40.48 1.36 0.00	39.94 1.22 0.00	40.31 1.28 0.00	31.77 0.76 0.00
RUSSELL____STATION 23914	25.83 0.05 0.00	25.49 -0.01 0.00	30.99 -0.19 0.00	29.84 -0.29 0.00	29.46 -0.44 0.00	30.14 -0.26 0.00	33.79 -0.32 0.00	35.96 -0.58 0.00	29.13 -0.20 0.00	27.59 -0.02 0.00	32.80 0.30 0.00	33.98 0.67 0.00	36.78 1.13 0.00	37.86 1.32 0.00	41.73 1.79 0.00	43.16 2.00 0.00	43.21 1.88 0.00	55.85 2.49 0.00	55.63 2.29 0.00	43.10 1.78 0.00	40.48 1.36 0.00	39.94 1.22 0.00	40.31 1.28 0.00	31.77 0.76 0.00
S SALMON____HYD 24043	19.28 -0.42 6.09	4.91 -0.45 20.14	22.56 -0.59 8.03	29.51 -0.60 0.02	29.71 -0.60 -0.41	31.29 -0.56 -1.46	35.97 -0.58 -2.45	39.06 -0.64 -3.16	30.28 -0.43 -1.37	28.33 -0.33 -1.06	34.48 -0.34 -2.32	32.16 -0.28 0.87	38.57 -0.23 -3.16	33.22 -0.33 2.98	43.79 -0.42 -4.26	45.19 -0.40 -4.42	45.62 -0.34 -4.64	60.70 -0.34 -7.67	60.77 -0.22 -7.65	45.94 -0.01 -4.63	43.22 0.05 -4.05	42.69 0.08 -3.89	42.78 0.00 -3.74	32.78 -0.17 -1.94
S.PERRY__115KV_TB1 80734	26.45 0.67 0.00	26.19 0.70 0.00	31.82 0.65 0.00	30.65 0.53 0.00	30.25 0.35 0.00	31.02 0.62 0.00	34.86 0.76 0.00	37.01 0.47 0.00	29.64 0.30 0.00	27.89 0.28 0.00	32.58 0.08 0.00	33.52 0.20 0.00	36.21 0.56 0.00	37.20 0.66 0.00	41.13 1.19 0.00	42.55 1.40 0.00	42.65 1.32 0.00	55.13 1.77 0.00	54.69 1.35 0.00	43.10 1.78 0.00	40.82 1.70 0.00	40.29 1.57 0.00	41.56 2.53 0.00	32.78 1.77 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.22 -0.56 0.00	24.92 -0.57 0.00	30.26 -0.91 0.00	29.10 -1.03 0.00	28.62 -1.28 0.00	29.36 -1.04 0.00	32.84 -1.26 0.00	34.75 -1.79 0.00	28.28 -1.05 0.00	26.86 -0.75 0.00	31.99 -0.51 0.00	33.15 -0.15 0.00	35.96 0.31 0.00	37.16 0.62 0.00	41.09 1.15 0.00	42.50 1.34 0.00	42.37 1.04 0.00	54.70 1.34 0.00	54.21 0.87 0.00	41.99 0.67 0.00	39.41 0.29 0.00	38.94 0.22 0.00	39.54 0.50 0.00	31.21 0.19 0.00
SAWYER____23_KV_LOAD 55526	25.22 -0.56 0.00	24.92 -0.57 0.00	30.26 -0.91 0.00	29.10 -1.03 0.00	28.62 -1.28 0.00	29.36 -1.04 0.00	32.84 -1.26 0.00	34.75 -1.79 0.00	28.28 -1.05 0.00	26.86 -0.75 0.00	31.99 -0.51 0.00	33.15 -0.15 0.00	35.96 0.31 0.00	37.16 0.62 0.00	41.09 1.15 0.00	42.50 1.34 0.00	42.37 1.04 0.00	54.70 1.34 0.00	54.21 0.87 0.00	41.99 0.67 0.00	39.41 0.29 0.00	38.94 0.22 0.00	39.54 0.50 0.00	31.21 0.19 0.00

SELKIRK___I 23801	26.49 0.71 0.00	26.18 0.69 0.00	32.08 0.90 0.00	31.03 0.90 0.00	30.75 0.84 0.00	31.29 0.89 0.00	35.05 0.94 0.00	37.61 1.07 0.00	30.15 0.82 0.00	28.37 0.76 0.00	33.26 0.76 0.00	34.01 0.70 0.00	36.30 0.66 0.00	37.27 0.73 0.00	40.78 0.83 0.00	41.87 0.71 0.00	42.10 0.76 0.00	54.59 1.22 0.00	54.61 1.27 0.00	42.39 1.07 0.00	40.17 1.06 0.00	39.74 1.01 0.00	39.95 0.92 0.00	31.80 0.79 0.00
SELKIRK___II 23799	26.40 0.62 0.00	26.12 0.62 0.00	32.00 0.82 0.00	30.95 0.83 0.00	30.68 0.77 0.00	31.21 0.82 0.00	34.97 0.87 0.00	37.53 0.99 0.00	30.12 0.78 0.00	28.32 0.72 0.00	33.19 0.69 0.00	33.85 0.53 0.00	36.07 0.43 0.00	37.06 0.52 0.00	40.53 0.58 0.00	41.67 0.51 0.00	41.92 0.59 0.00	54.16 0.80 0.00	54.15 0.82 0.00	41.96 0.64 0.00	39.77 0.66 0.00	39.36 0.63 0.00	39.60 0.56 0.00	31.63 0.61 0.00
SENECA OSWGO___HYD 24041	24.03 -0.46 1.29	19.17 -0.49 5.83	29.91 -0.64 0.63	29.54 -0.65 -0.06	29.79 -0.68 -0.57	32.11 -0.61 -2.33	37.08 -0.66 -3.64	40.25 -0.75 -4.47	30.73 -0.54 -1.94	28.63 -0.48 -1.50	35.33 -0.46 -3.28	35.50 -0.34 -2.52	39.75 -0.36 -4.46	35.51 -0.38 0.65	45.71 -0.27 -6.03	47.36 -0.24 -6.44	47.63 -0.25 -6.56	63.97 -0.24 -10.85	63.96 -0.20 -10.82	47.75 -0.11 -6.54	44.70 -0.13 -5.72	44.02 -0.20 -5.50	44.08 -0.24 -5.29	33.45 -0.30 -2.74
SENECA___115KV_TB3 355854	25.53 -0.25 0.00	25.20 -0.30 0.00	30.59 -0.59 0.00	29.42 -0.70 0.00	28.95 -0.96 0.00	29.68 -0.71 0.00	33.25 -0.86 0.00	35.22 -1.32 0.00	28.65 -0.68 0.00	27.24 -0.36 0.00	32.49 -0.02 0.00	33.68 0.37 0.00	36.49 0.84 0.00	37.69 1.15 0.00	41.71 1.76 0.00	43.18 2.02 0.00	43.10 1.77 0.00	55.62 2.25 0.00	55.11 1.77 0.00	42.68 1.36 0.00	40.05 0.93 0.00	39.55 0.82 0.00	40.11 1.08 0.00	31.61 0.60 0.00
SENECA___ENERGY 23797	24.72 -0.20 0.86	21.89 -0.27 3.33	29.93 -0.43 0.82	29.68 -0.47 -0.02	29.58 -0.53 -0.20	30.80 -0.41 -0.82	34.99 -0.40 -1.29	37.61 -0.53 -1.60	29.70 -0.33 -0.69	27.90 -0.24 -0.54	33.59 -0.09 -1.17	34.26 0.26 -0.70	37.57 0.33 -1.60	36.44 0.33 0.43	42.80 0.70 -2.16	44.33 0.88 -2.29	44.54 0.86 -2.35	58.56 1.31 -3.88	58.48 1.26 -3.88	44.67 1.01 -2.34	41.98 0.81 -2.05	41.31 0.62 -1.97	41.50 0.57 -1.90	32.21 0.21 -0.98
SHOEMAKER___GT 23640	27.11 1.32 0.00	26.62 1.13 0.00	32.49 1.31 0.00	31.42 1.29 0.00	31.13 1.22 0.00	31.74 1.34 0.00	35.64 1.54 0.00	38.30 1.76 0.00	30.75 1.42 0.00	28.99 1.39 0.00	34.27 1.76 0.00	35.13 1.82 0.00	37.46 1.81 0.00	38.30 1.76 0.00	41.96 2.01 0.00	43.21 2.05 0.00	43.56 2.22 0.00	56.18 2.82 0.00	56.01 2.67 0.00	43.22 1.90 0.00	41.01 1.89 0.00	40.67 1.95 0.00	40.85 1.82 0.00	32.50 1.49 0.00
SHOEMAKR_138KV_BK 111 55601	27.10 1.32 0.00	26.61 1.12 0.00	32.48 1.30 0.00	31.41 1.29 0.00	31.12 1.21 0.00	31.72 1.33 0.00	35.64 1.53 0.00	38.29 1.76 0.00	30.76 1.43 0.00	28.99 1.39 0.00	34.28 1.78 0.00	35.15 1.84 0.00	37.46 1.81 0.00	38.32 1.78 0.00	41.95 2.01 0.00	43.22 2.06 0.00	43.56 2.23 0.00	56.19 2.83 0.00	55.99 2.65 0.00	43.18 1.87 0.00	40.98 1.86 0.00	40.65 1.93 0.00	40.82 1.79 0.00	32.49 1.47 0.00
SHOREHAM_IC_1 23715	27.70 1.92 0.00	27.43 1.82 -0.12	33.61 2.44 0.00	32.54 2.41 0.00	40.16 2.47 -7.79	33.05 2.65 0.00	37.05 2.95 0.00	41.20 3.48 -1.18	31.88 2.55 0.00	30.17 2.52 -0.05	101.22 3.42 -65.29	66.78 3.47 -30.00	38.77 3.13 0.00	39.38 2.83 0.00	42.89 2.95 0.00	44.19 3.03 0.00	44.61 3.30 0.02	68.30 4.18 -10.75	83.37 3.82 -26.21	43.88 2.55 0.00	41.63 2.51 0.00	41.28 2.55 0.00	41.53 2.50 0.00	33.22 2.21 0.00
SHOREHAM_IC_2 23716	27.70 1.92 0.00	27.43 1.82 -0.12	33.61 2.44 0.00	32.54 2.41 0.00	40.16 2.47 -7.79	33.05 2.65 0.00	37.05 2.95 0.00	41.20 3.48 -1.18	31.88 2.55 0.00	30.17 2.52 -0.05	101.22 3.42 -65.29	66.78 3.47 -30.00	38.77 3.13 0.00	39.38 2.83 0.00	42.89 2.95 0.00	44.19 3.03 0.00	44.61 3.30 0.02	68.30 4.18 -10.75	83.37 3.82 -26.21	43.88 2.55 0.00	41.63 2.51 0.00	41.28 2.55 0.00	41.53 2.50 0.00	33.22 2.21 0.00
SISSONVILLE____ 23735	-37.75 -1.20 62.33	-168.61 -1.11 193.00	-61.29 -1.35 91.12	28.09 -1.25 0.79	29.14 -0.81 -0.05	26.97 -1.36 2.07	31.50 -1.44 1.16	35.40 -1.55 -0.41	28.20 -1.32 -0.18	26.43 -1.31 -0.14	31.09 -1.70 -0.29	-0.10 -1.77 31.63	34.34 -1.73 -0.42	4.17 -1.94 30.43	38.19 -2.32 -0.56	37.78 -2.47 0.91	39.23 -2.71 -0.61	51.00 -3.38 -1.02	51.21 -3.14 -1.02	39.70 -2.23 -0.61	37.64 -2.02 -0.54	37.36 -1.88 -0.52	37.66 -1.87 -0.50	29.69 -1.58 -0.26
SITHE_IND_GS1 24169	22.67 -0.77 2.34	22.55 -0.79 2.15	23.30 -1.00 6.88	28.90 -0.97 0.25	27.32 -1.01 1.58	22.79 -0.95 6.65	22.84 -1.07 10.19	23.02 -1.18 12.34	23.08 -0.90 5.35	22.66 -0.81 4.14	22.59 -0.86 9.04	22.53 -0.81 9.98	22.50 -0.83 12.31	34.61 -0.83 1.10	22.50 -0.82 16.63	22.46 -0.80 17.90	22.46 -0.79 18.09	22.46 -0.98 29.92	22.46 -1.02 29.85	22.51 -0.76 18.05	22.58 -0.77 15.78	22.72 -0.82 15.18	23.59 -0.85 14.60	22.70 -0.76 7.55
SITHE_IND_GS2 24170	22.67 -0.77 2.34	22.55 -0.79 2.15	23.30 -1.00 6.88	28.90 -0.97 0.25	27.32 -1.01 1.58	22.79 -0.95 6.65	22.84 -1.07 10.19	23.02 -1.18 12.34	23.08 -0.90 5.35	22.66 -0.81 4.14	22.59 -0.86 9.04	22.53 -0.81 9.98	22.50 -0.83 12.31	34.61 -0.83 1.10	22.50 -0.82 16.63	22.46 -0.80 17.90	22.46 -0.79 18.09	22.46 -0.98 29.92	22.46 -1.02 29.85	22.51 -0.76 18.05	22.58 -0.77 15.78	22.72 -0.82 15.18	23.59 -0.85 14.60	22.70 -0.76 7.55
SITHE_IND_GS3 24171	22.67 -0.77 2.34	22.55 -0.79 2.15	23.30 -1.00 6.88	28.90 -0.97 0.25	27.32 -1.01 1.58	22.79 -0.95 6.65	22.84 -1.07 10.19	23.02 -1.18 12.34	23.08 -0.90 5.35	22.66 -0.81 4.14	22.59 -0.86 9.04	22.53 -0.81 9.98	22.50 -0.83 12.31	34.61 -0.83 1.10	22.50 -0.82 16.63	22.46 -0.80 17.90	22.46 -0.79 18.09	22.46 -0.98 29.92	22.46 -1.02 29.85	22.51 -0.76 18.05	22.58 -0.77 15.78	22.72 -0.82 15.18	23.59 -0.85 14.60	22.70 -0.76 7.55
SITHE_IND_GS4 24172	22.67 -0.77 2.34	22.55 -0.79 2.15	23.30 -1.00 6.88	28.90 -0.97 0.25	27.32 -1.01 1.58	22.79 -0.95 6.65	22.84 -1.07 10.19	23.02 -1.18 12.34	23.08 -0.90 5.35	22.66 -0.81 4.14	22.59 -0.86 9.04	22.53 -0.81 9.98	22.50 -0.83 12.31	34.61 -0.83 1.10	22.50 -0.82 16.63	22.46 -0.80 17.90	22.46 -0.79 18.09	22.46 -0.98 29.92	22.46 -1.02 29.85	22.51 -0.76 18.05	22.58 -0.77 15.78	22.72 -0.82 15.18	23.59 -0.85 14.60	22.70 -0.76 7.55
SITHE___BATAVIA 24024	26.02 0.23 0.00	25.66 0.17 0.00	31.15 -0.03 0.00	29.97 -0.16 0.00	29.52 -0.39 0.00	30.30 -0.10 0.00	33.96 -0.14 0.00	36.04 -0.49 0.00	29.25 -0.08 0.00	27.70 0.10 0.00	32.97 0.46 0.00	34.18 0.88 0.00	37.16 1.51 0.00	38.35 1.81 0.00	42.36 2.41 0.00	43.90 2.75 0.00	43.89 2.56 0.00	56.73 3.37 0.00	56.20 2.87 0.00	43.69 2.37 0.00	41.09 1.97 0.00	40.58 1.86 0.00	41.00 1.97 0.00	32.31 1.29 0.00

SITHE___INDEPEND 23800	22.67 -0.77 2.34	22.56 -0.78 2.15	23.30 -0.99 6.88	28.90 -0.97 0.25	27.32 -1.01 1.58	22.79 -0.95 6.65	22.84 -1.07 10.19	23.01 -1.18 12.34	23.08 -0.90 5.35	22.66 -0.81 4.14	22.59 -0.87 9.04	22.52 -0.81 9.98	22.50 -0.83 12.31	34.62 -0.81 16.63	22.50 -0.81 17.90	22.46 -0.80 18.09	22.46 -0.78 29.92	22.46 -0.98 29.85	22.47 -1.02 18.05	22.50 -0.77 15.78	22.58 -0.77 15.18	22.72 -0.82 15.18	23.59 -0.85 14.60	22.70 -0.76 7.55
SITHE___MASSENA 23902	-65.23 -0.58 90.42	-254.76 -0.49 279.77	-101.78 -0.58 132.37	28.45 -0.52 1.15	29.73 -0.18 0.00	26.43 -0.64 3.33	31.26 -0.65 2.19	35.79 -0.73 0.02	28.68 -0.66 0.00	26.91 -0.69 0.00	31.55 -0.92 0.03	-14.00 -0.97 46.33	34.74 -0.90 0.00	-8.65 -1.05 44.14	38.63 -1.31 0.00	37.57 -1.38 2.21	39.73 -1.60 0.00	51.36 -2.00 0.00	51.45 -1.89 0.00	39.93 -1.39 0.00	37.81 -1.31 0.00	37.53 -1.19 0.00	37.91 -1.12 0.00	30.12 -0.89 0.00
SITHE___OGDNSBRG 24021	-47.98 -0.48 73.29	-201.63 -0.38 226.75	-76.56 -0.45 107.29	28.80 -0.39 0.93	29.94 0.03 0.00	27.22 -0.47 2.70	31.88 -0.46 1.77	36.00 -0.52 0.02	28.79 -0.55 0.00	26.98 -0.63 0.00	31.47 -1.01 0.02	-5.26 -1.02 37.55	34.77 -0.88 0.00	-0.34 -1.11 35.78	38.54 -1.41 0.00	37.79 -1.58 1.79	39.48 -1.85 0.00	51.05 -2.32 0.00	51.26 -2.08 0.00	40.06 -1.26 0.00	38.17 -0.95 0.00	37.91 -0.81 0.00	38.26 -0.77 0.00	30.33 -0.69 0.00
SITHE___STERLING 23777	23.14 0.82 3.46	15.27 0.73 10.96	27.17 0.86 4.87	30.90 0.81 0.03	30.79 0.80 -0.09	31.53 0.90 -0.22	35.63 1.07 -0.46	38.34 1.15 -0.66	30.59 0.97 -0.29	28.82 0.99 -0.22	34.18 1.19 -0.48	33.30 1.29 1.30	37.61 1.30 -0.66	36.20 1.35 1.69	42.48 1.64 -0.89	43.77 1.73 -0.87	44.08 1.78 -0.97	57.40 2.43 -1.60	57.42 2.48 -1.60	44.29 2.01 -0.97	41.96 1.99 -0.84	41.46 1.92 -0.81	41.57 1.76 -0.78	32.59 1.17 -0.40
SLEIGHT___34_KV_TB1 80719	25.71 -0.16 -0.08	25.35 -0.21 -0.07	31.03 -0.39 -0.23	29.68 -0.46 -0.01	29.41 -0.55 -0.05	30.23 -0.39 -0.22	34.04 -0.41 -0.34	36.38 -0.57 -0.42	29.25 -0.26 -0.18	27.60 -0.14 -0.14	32.90 0.09 -0.31	34.04 0.40 -0.34	36.75 0.68 -0.42	37.38 0.81 -0.04	41.67 1.16 -0.56	43.08 1.31 -0.61	43.23 1.28 -0.61	56.10 1.72 -1.01	56.04 1.69 -1.02	43.21 1.27 -0.62	40.63 0.97 -0.54	40.07 0.83 -0.52	40.33 0.80 -0.50	31.65 0.38 -0.26
SOUTH CAIRO___GT 23612	27.60 1.82 0.00	27.31 1.82 0.00	33.42 2.24 0.00	32.28 2.16 0.00	31.98 2.08 0.00	32.53 2.14 0.00	36.52 2.42 0.00	39.20 2.66 0.00	31.48 2.15 0.00	29.62 2.02 0.00	34.25 1.74 0.00	35.22 1.91 0.00	37.55 1.90 0.00	38.85 2.31 0.00	42.51 2.57 0.00	43.62 2.46 0.00	43.98 2.65 0.00	57.67 4.31 0.00	57.76 4.43 0.00	44.90 3.58 0.00	42.47 3.35 0.00	41.89 3.16 0.00	41.95 2.92 0.00	33.23 2.22 0.00
SOUTH HAMPTN___IC 23720	28.01 2.23 0.00	27.81 2.20 -0.12	34.08 2.91 0.00	32.94 2.81 0.00	40.72 3.03 -7.79	33.70 3.31 0.00	37.72 3.62 0.00	41.86 4.14 -1.18	32.41 3.08 0.00	30.72 3.07 -0.05	99.39 4.14 -62.75	66.31 4.10 -28.90	39.41 3.76 0.00	40.02 3.48 0.00	43.64 3.70 0.00	44.94 3.79 0.00	45.42 4.11 0.02	68.89 5.22 -10.30	83.00 4.72 -24.94	44.48 3.16 0.00	42.23 3.11 0.00	41.82 3.10 0.00	42.08 3.05 0.00	33.66 2.65 0.00
SOUTHDOW___115KV_TB1 355954	26.59 0.81 0.00	26.12 0.63 0.00	31.70 0.53 0.00	30.51 0.38 0.00	30.06 0.15 0.00	30.86 0.47 0.00	34.73 0.62 0.00	36.90 0.36 0.00	30.05 0.72 0.00	28.62 1.01 0.00	34.25 1.75 0.00	35.53 2.22 0.00	38.38 2.73 0.00	39.61 3.07 0.00	43.79 3.85 0.00	45.42 4.26 0.00	45.45 4.12 0.00	58.56 5.19 0.00	57.86 4.52 0.00	44.81 3.50 0.00	42.07 2.95 0.00	41.46 2.73 0.00	42.01 2.97 0.00	32.91 1.90 0.00
SOUTHOLD_69_KV_BK 2 55809	28.11 2.33 0.00	28.10 2.48 -0.12	34.48 3.30 0.00	33.21 3.09 0.00	41.30 3.61 -7.79	34.49 4.10 0.00	38.47 4.36 0.00	42.54 4.82 -1.18	32.90 3.57 0.00	31.22 3.57 -0.05	100.05 4.76 -62.78	66.79 4.57 -28.91	39.79 4.14 0.00	40.09 3.55 0.00	43.28 3.34 0.00	44.58 3.42 0.00	45.09 3.78 0.02	68.49 4.82 -10.31	82.56 4.27 -24.96	43.99 2.67 0.00	42.39 3.27 0.00	42.06 3.34 0.00	42.30 3.26 0.00	33.88 2.87 0.00
SOUTHOLD___IC 23719	28.11 2.33 0.00	28.10 2.48 -0.12	34.48 3.30 0.00	33.21 3.09 0.00	41.30 3.61 -7.79	34.49 4.10 0.00	38.47 4.36 0.00	42.54 4.82 -1.18	32.90 3.56 0.00	31.22 3.57 -0.05	100.05 4.76 -62.78	66.77 4.54 -28.92	39.79 4.15 0.00	40.09 3.55 0.00	43.28 3.34 0.00	44.58 3.42 0.00	45.09 3.78 0.02	68.49 4.82 -10.31	82.56 4.27 -24.96	43.99 2.66 0.00	42.40 3.28 0.00	42.06 3.34 0.00	42.30 3.26 0.00	33.88 2.87 0.00
SOUTH_FORK_WT_PWR 323839	27.79 2.01 0.00	27.93 2.31 -0.12	34.33 3.15 0.00	32.99 2.87 0.00	41.32 3.63 -7.79	34.63 4.24 0.00	38.52 4.41 0.00	42.48 4.76 -1.18	32.79 3.46 0.00	31.12 3.47 -0.05	99.90 4.64 -62.76	66.46 4.24 -28.91	39.39 3.74 0.00	39.81 3.27 0.00	43.23 3.29 0.00	44.53 3.37 0.00	45.08 3.76 0.02	68.44 4.77 -10.30	82.47 4.19 -24.95	43.88 2.56 0.00	41.90 2.78 0.00	41.47 2.75 0.00	41.71 2.69 0.00	33.48 2.47 0.00
SPIERFLS_115KV_TB 1 80737	26.90 1.12 0.00	26.61 1.11 0.00	32.69 1.52 0.00	31.62 1.49 0.00	31.37 1.46 0.00	31.87 1.48 0.00	35.82 1.72 0.00	38.46 1.92 0.00	30.81 1.48 0.00	28.91 1.31 0.00	33.76 1.25 0.00	34.68 1.37 0.00	36.94 1.30 0.00	38.13 1.59 0.00	41.68 1.73 0.00	43.13 1.98 0.00	43.40 2.07 0.00	56.19 2.82 0.00	56.79 3.45 0.00	44.09 2.78 0.00	41.86 2.74 0.00	41.12 2.39 0.00	41.44 2.41 0.00	32.76 1.74 0.00
ST LAWRENCE____ 23600	32.55 -0.53 -7.30	47.64 -0.44 -22.58	41.32 -0.54 -10.68	29.71 -0.51 -0.09	29.53 -0.38 0.00	30.08 -0.58 -0.26	33.66 -0.61 -0.17	35.87 -0.67 0.00	28.73 -0.60 0.00	26.97 -0.63 0.00	31.69 -0.82 0.00	36.15 -0.89 -3.73	34.82 -0.83 0.00	39.12 -0.98 -3.56	38.75 -1.19 0.00	40.10 -1.24 -0.17	39.90 -1.43 0.00	51.57 -1.80 0.00	51.62 -1.72 0.00	40.03 -1.29 0.00	37.88 -1.24 0.00	37.57 -1.15 0.00	37.99 -1.05 0.00	30.20 -0.81 0.00
STATE_CA_115KV_115_LB 55624	26.57 0.78 0.00	26.25 0.75 0.00	32.14 0.96 0.00	31.09 0.96 0.00	30.81 0.90 0.00	31.34 0.94 0.00	35.14 1.04 0.00	37.73 1.19 0.00	30.29 0.96 0.00	28.49 0.89 0.00	33.42 0.92 0.00	34.22 0.92 0.00	36.58 0.93 0.00	37.61 1.07 0.00	41.13 1.19 0.00	42.31 1.16 0.00	42.57 1.24 0.00	54.98 1.62 0.00	54.99 1.65 0.00	42.61 1.29 0.00	40.36 1.24 0.00	39.90 1.18 0.00	40.02 0.98 0.00	31.82 0.81 0.00
STATE_ST_34_KV_LOAD 55959	25.15 0.23 0.86	22.24 0.17 3.43	30.61 0.16 0.73	30.26 0.11 -0.02	30.20 0.06 -0.24	31.55 0.19 -0.96	35.84 0.22 -1.51	38.60 0.20 -1.86	30.37 0.23 -0.81	28.39 0.17 -0.62	34.18 0.30 -1.37	34.77 0.57 -0.89	38.21 0.70 -1.86	36.74 0.63 0.43	43.32 0.87 -2.51	44.83 1.00 -2.67	45.28 1.22 -2.73	59.51 1.62 -4.52	59.60 1.75 -4.51	45.35 1.31 -2.73	42.76 1.26 -2.39	42.13 1.11 -2.30	42.24 1.00 -2.21	32.74 0.58 -1.14

STATION 5_MISC_HYD 23604	25.68 -0.11 0.00	25.33 -0.16 0.00	30.83 -0.35 0.00	29.70 -0.43 0.00	29.31 -0.59 0.00	30.00 -0.40 0.00	33.61 -0.49 0.00	35.77 -0.77 0.00	28.96 -0.37 0.00	27.43 -0.17 0.00	32.59 0.09 0.00	33.77 0.46 0.00	36.50 0.85 0.00	37.58 1.04 0.00	41.41 1.46 0.00	42.82 1.66 0.00	42.84 1.51 0.00	55.38 2.01 0.00	55.14 1.80 0.00	42.73 1.41 0.00	40.14 1.02 0.00	39.62 0.90 0.00	40.02 0.98 0.00	31.56 0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.98 0.11 -0.09	25.60 0.03 -0.08	31.32 -0.11 -0.25	29.95 -0.19 -0.01	29.67 -0.30 -0.06	30.51 -0.13 -0.24	34.35 -0.12 -0.37	36.71 -0.28 -0.45	29.53 0.00 -0.19	27.90 0.15 -0.15	33.25 0.42 -0.33	34.44 0.77 -0.36	37.16 1.06 -0.45	37.81 1.23 -0.04	42.19 1.65 -0.60	43.66 1.85 -0.65	43.80 1.81 -0.66	56.92 2.46 -1.09	56.79 2.36 -1.09	43.81 1.83 -0.66	41.16 1.46 -0.58	40.56 1.28 -0.56	40.83 1.26 -0.53	32.03 0.74 -0.28
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.55 -0.23 0.00	25.22 -0.28 0.00	30.67 -0.50 0.00	29.54 -0.58 0.00	29.17 -0.73 0.00	29.85 -0.55 0.00	33.46 -0.65 0.00	35.64 -0.90 0.00	28.86 -0.48 0.00	27.33 -0.27 0.00	32.47 -0.04 0.00	33.61 0.30 0.00	36.32 0.67 0.00	37.41 0.88 0.00	41.22 1.27 0.00	42.62 1.46 0.00	42.67 1.33 0.00	55.15 1.79 0.00	54.93 1.60 0.00	42.54 1.23 0.00	39.97 0.85 0.00	39.45 0.72 0.00	39.81 0.78 0.00	31.39 0.37 0.00
STA_56____34_KV_BUS2 355983	25.55 -0.23 0.00	25.22 -0.28 0.00	30.67 -0.50 0.00	29.54 -0.58 0.00	29.17 -0.73 0.00	29.85 -0.55 0.00	33.46 -0.65 0.00	35.64 -0.90 0.00	28.86 -0.48 0.00	27.33 -0.27 0.00	32.47 -0.04 0.00	33.61 0.30 0.00	36.32 0.67 0.00	37.41 0.88 0.00	41.22 1.27 0.00	42.62 1.46 0.00	42.67 1.33 0.00	55.15 1.79 0.00	54.93 1.60 0.00	42.54 1.23 0.00	39.97 0.85 0.00	39.45 0.72 0.00	39.81 0.78 0.00	31.39 0.37 0.00
STA_67____115KV_BK2 355882	25.61 -0.17 0.00	25.29 -0.21 0.00	30.76 -0.41 0.00	29.62 -0.51 0.00	29.24 -0.67 0.00	29.92 -0.47 0.00	33.53 -0.57 0.00	35.68 -0.85 0.00	28.89 -0.44 0.00	27.36 -0.25 0.00	32.49 -0.02 0.00	33.63 0.33 0.00	36.36 0.71 0.00	37.45 0.91 0.00	41.26 1.32 0.00	42.67 1.51 0.00	42.68 1.35 0.00	55.17 1.81 0.00	54.94 1.60 0.00	42.56 1.25 0.00	40.00 0.88 0.00	39.50 0.77 0.00	39.89 0.86 0.00	31.47 0.46 0.00
STA_7____115KV_9TRANS 80674	25.83 0.05 0.00	25.49 -0.01 0.00	30.99 -0.19 0.00	29.84 -0.29 0.00	29.46 -0.44 0.00	30.14 -0.26 0.00	33.79 -0.32 0.00	35.96 -0.58 0.00	29.13 -0.20 0.00	27.59 -0.02 0.00	32.80 0.30 0.00	33.98 0.67 0.00	36.78 1.13 0.00	37.86 1.32 0.00	41.73 1.79 0.00	43.16 2.00 0.00	43.21 1.88 0.00	55.85 2.49 0.00	55.63 2.29 0.00	43.10 1.78 0.00	40.48 1.36 0.00	39.94 1.22 0.00	40.31 1.28 0.00	31.77 0.76 0.00
STA_82____115KV_TB1 80780	25.63 -0.16 0.00	25.29 -0.20 0.00	30.77 -0.41 0.00	29.64 -0.49 0.00	29.26 -0.65 0.00	29.93 -0.46 0.00	33.55 -0.56 0.00	35.69 -0.85 0.00	28.90 -0.43 0.00	27.36 -0.24 0.00	32.50 0.00 0.00	33.65 0.34 0.00	36.39 0.74 0.00	37.47 0.93 0.00	41.30 1.35 0.00	42.69 1.53 0.00	42.72 1.39 0.00	55.21 1.84 0.00	54.97 1.63 0.00	42.59 1.27 0.00	40.03 0.90 0.00	39.52 0.80 0.00	39.92 0.89 0.00	31.49 0.47 0.00
STEEL____WIND 323596	25.51 -0.27 0.00	25.16 -0.34 0.00	30.56 -0.62 0.00	29.40 -0.73 0.00	28.93 -0.98 0.00	29.66 -0.74 0.00	33.22 -0.89 0.00	35.20 -1.34 0.00	28.63 -0.71 0.00	27.22 -0.39 0.00	32.45 -0.05 0.00	33.66 0.35 0.00	36.43 0.78 0.00	37.63 1.09 0.00	41.63 1.69 0.00	43.11 1.95 0.00	43.04 1.70 0.00	55.55 2.18 0.00	55.01 1.68 0.00	42.65 1.33 0.00	40.01 0.89 0.00	39.50 0.77 0.00	40.07 1.04 0.00	31.57 0.56 0.00
STEPHTWN_115KV_BK_2 55603	26.67 0.88 0.00	26.32 0.83 0.00	32.23 1.06 0.00	31.18 1.05 0.00	30.88 0.98 0.00	31.39 0.99 0.00	35.30 1.20 0.00	37.91 1.37 0.00	30.44 1.11 0.00	28.60 0.99 0.00	33.60 1.09 0.00	34.38 1.07 0.00	36.77 1.12 0.00	37.75 1.21 0.00	41.39 1.45 0.00	42.47 1.31 0.00	42.76 1.43 0.00	55.44 2.07 0.00	55.31 1.97 0.00	42.81 1.49 0.00	40.52 1.40 0.00	40.08 1.35 0.00	40.14 1.10 0.00	31.94 0.93 0.00
STEUBEN_REC_LFGE 323667	26.40 0.51 -0.11	25.97 0.37 -0.10	31.78 0.27 -0.33	30.31 0.17 -0.01	30.01 0.03 -0.08	30.99 0.27 -0.32	34.96 0.36 -0.49	37.26 0.13 -0.59	29.88 0.29 -0.26	28.24 0.44 -0.20	33.74 0.80 -0.44	34.95 1.16 -0.48	37.62 1.38 -0.59	38.12 1.53 -0.05	42.94 2.20 -0.79	44.47 2.46 -0.86	44.62 2.42 -0.87	57.92 3.11 -1.45	57.55 2.75 -1.46	44.54 2.34 -0.88	41.92 2.03 -0.77	41.29 1.82 -0.74	41.72 1.98 -0.71	32.27 0.89 -0.37
STILLWATER____SOLAR 323814	27.12 1.33 0.00	26.81 1.32 0.00	32.87 1.69 0.00	31.78 1.65 0.00	31.51 1.61 0.00	32.04 1.65 0.00	35.97 1.86 0.00	38.59 2.05 0.00	30.92 1.59 0.00	29.04 1.44 0.00	34.00 1.49 0.00	34.83 1.52 0.00	37.25 1.61 0.00	38.36 1.82 0.00	41.97 2.03 0.00	43.30 2.14 0.00	43.63 2.30 0.00	56.37 3.00 0.00	56.71 3.37 0.00	43.99 2.67 0.00	41.69 2.57 0.00	41.11 2.39 0.00	41.29 2.26 0.00	32.71 1.70 0.00
STONY____BROOK 24151	27.86 2.08 0.00	27.57 1.95 -0.12	33.76 2.58 0.00	32.71 2.58 0.00	40.26 2.57 -7.79	33.12 2.73 0.00	37.14 3.04 0.00	41.31 3.59 -1.18	31.99 2.66 0.00	30.26 2.61 -0.05	115.22 3.53 -79.19	72.77 3.50 -35.96	38.73 3.09 0.00	39.36 2.81 0.00	42.86 2.92 0.00	44.08 2.92 0.00	44.48 3.17 0.02	70.65 4.05 -13.24	90.04 3.72 -32.98	43.82 2.49 -0.01	41.51 2.38 0.00	41.20 2.48 0.00	41.54 2.51 0.00	33.32 2.31 0.00
STURGEON_POOL_HYD 23609	27.44 1.66 0.00	26.89 1.40 0.00	32.83 1.65 0.00	31.75 1.62 0.00	31.43 1.53 0.00	32.06 1.67 0.00	36.01 1.91 0.00	38.76 2.22 0.00	31.15 1.82 0.00	29.38 1.78 0.00	34.82 2.32 0.00	35.71 2.41 0.00	38.04 2.39 0.00	38.94 2.41 0.00	42.58 2.64 0.00	43.92 2.76 0.00	44.31 2.97 0.00	56.94 3.58 0.00	56.69 3.35 0.00	43.64 2.32 0.00	41.38 2.26 0.00	41.10 2.37 0.00	41.26 2.23 0.00	32.84 1.83 0.00
ST_LAW_115_BK7_LBMP 345037	34.01 -0.61 -8.82	52.29 -0.51 -27.31	43.48 -0.62 -12.92	29.65 -0.58 -0.11	29.49 -0.42 0.00	30.06 -0.66 -0.32	33.63 -0.69 -0.21	35.78 -0.76 0.00	28.66 -0.67 0.00	26.89 -0.71 0.00	31.59 -0.92 0.00	36.84 -0.99 -4.52	34.71 -0.94 0.00	39.76 -1.08 -4.31	38.62 -1.32 0.00	39.99 -1.39 -0.21	39.75 -1.59 0.00	51.38 -1.99 0.00	51.44 -1.90 0.00	39.88 -1.44 0.00	37.76 -1.36 0.00	37.45 -1.27 0.00	37.87 -1.16 0.00	30.11 -0.90 0.00
ST_LAW_115_BK8_LBMP 345038	34.01 -0.61 -8.82	52.29 -0.51 -27.31	43.48 -0.62 -12.92	29.65 -0.58 -0.11	29.49 -0.42 0.00	30.06 -0.66 -0.32	33.63 -0.69 -0.21	35.78 -0.76 0.00	28.66 -0.67 0.00	26.89 -0.71 0.00	31.59 -0.92 0.00	36.84 -0.99 -4.52	34.71 -0.94 0.00	39.76 -1.08 -4.31	38.62 -1.32 0.00	39.99 -1.39 -0.21	39.75 -1.59 0.00	51.38 -1.99 0.00	51.44 -1.90 0.00	39.88 -1.44 0.00	37.76 -1.36 0.00	37.45 -1.27 0.00	37.87 -1.16 0.00	30.11 -0.90 0.00

ST_LAW_230_BK5_LBMP 345035	30.60 -0.53 -5.35	41.61 -0.44 -16.55	38.47 -0.54 -7.83	29.68 -0.51 -0.07	29.53 -0.38 0.00	30.01 -0.58 -0.20	33.62 -0.61 -0.13	35.87 -0.67 0.00	28.73 -0.60 0.00	26.97 -0.63 0.00	31.69 -0.82 0.00	35.16 -0.89 -2.74	34.82 -0.83 0.00	38.17 -0.98 -2.61	38.75 -1.19 0.00	40.05 -1.24 -0.13	39.90 -1.43 0.00	51.57 -1.80 0.00	51.62 -1.72 0.00	40.03 -1.29 0.00	37.88 -1.24 0.00	37.57 -1.15 0.00	37.99 -1.05 0.00	30.20 -0.81 0.00
ST_LAW_230_BK6_LBMP 345036	30.60 -0.53 -5.35	41.61 -0.44 -16.55	38.47 -0.54 -7.83	29.68 -0.51 -0.07	29.53 -0.38 0.00	30.01 -0.58 -0.20	33.62 -0.61 -0.13	35.87 -0.67 0.00	28.73 -0.60 0.00	26.97 -0.63 0.00	31.69 -0.82 0.00	35.16 -0.89 -2.74	34.82 -0.83 0.00	38.17 -0.98 -2.61	38.75 -1.19 0.00	40.05 -1.24 -0.13	39.90 -1.43 0.00	51.57 -1.80 0.00	51.62 -1.72 0.00	40.03 -1.29 0.00	37.88 -1.24 0.00	37.57 -1.15 0.00	37.99 -1.05 0.00	30.20 -0.81 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.27 1.48 0.00	26.74 1.24 0.00	32.62 1.45 0.00	31.56 1.43 0.00	31.25 1.35 0.00	31.88 1.48 0.00	35.82 1.72 0.00	38.52 1.99 0.00	30.96 1.63 0.00	29.20 1.59 0.00	34.56 2.05 0.00	35.44 2.12 0.00	37.71 2.07 0.00	38.64 2.10 0.00	42.27 2.33 0.00	43.55 2.39 0.00	43.93 2.60 0.00	56.59 3.23 0.00	56.35 3.01 0.00	43.39 2.07 0.00	41.17 2.05 0.00	40.86 2.13 0.00	41.02 1.98 0.00	32.68 1.66 0.00
SWANROAD_115KV_TB1 355699	24.80 -0.99 0.00	24.53 -0.97 0.00	29.76 -1.42 0.00	28.61 -1.51 0.00	28.13 -1.77 0.00	28.93 -1.46 0.00	32.34 -1.76 0.00	34.18 -2.36 0.00	27.82 -1.52 0.00	26.41 -1.19 0.00	31.41 -1.10 0.00	32.57 -0.74 0.00	35.38 -0.27 0.00	36.56 0.01 0.00	40.44 0.50 0.00	41.85 0.69 0.00	41.69 0.36 0.00	53.67 0.30 0.00	53.03 -0.31 0.00	41.13 -0.19 0.00	38.63 -0.50 0.00	38.22 -0.50 0.00	38.83 -0.20 0.00	30.79 -0.22 0.00
SYNERGY___BIOGAS 323694	26.02 0.23 0.00	25.66 0.17 0.00	31.15 -0.03 0.00	29.97 -0.16 0.00	29.52 -0.39 0.00	30.30 -0.10 0.00	33.96 -0.14 0.00	36.04 -0.49 0.00	29.25 -0.08 0.00	27.70 0.10 0.00	32.97 0.46 0.00	34.18 0.88 0.00	37.16 1.51 0.00	38.35 1.81 0.00	42.36 2.41 0.00	43.90 2.75 0.00	43.89 2.56 0.00	56.73 3.37 0.00	56.20 2.87 0.00	43.69 2.37 0.00	41.09 1.97 0.00	40.58 1.86 0.00	41.00 1.97 0.00	32.31 1.29 0.00
SYRACUSE___ENERGY_ST1 323597	24.72 -0.01 1.05	21.29 -0.06 4.15	30.14 -0.10 0.93	30.00 -0.16 -0.03	30.01 -0.17 -0.28	31.44 -0.07 -1.12	35.79 -0.07 -1.76	38.59 -0.11 -2.17	30.24 -0.03 -0.94	28.38 0.04 -0.73	34.28 0.19 -1.59	34.61 0.30 -1.00	38.17 0.36 -2.16	36.42 0.40 0.52	43.45 0.59 -2.92	44.94 0.68 -3.11	45.26 0.75 -3.18	59.64 1.02 -5.26	59.60 1.02 -5.25	45.26 0.77 -3.17	42.57 0.67 -2.78	41.95 0.56 -2.67	42.08 0.48 -2.57	32.56 0.23 -1.33
SYRACUSE___ENERGY_ST2 323598	24.72 -0.01 1.05	21.29 -0.06 4.15	30.14 -0.10 0.93	30.00 -0.16 -0.03	30.01 -0.17 -0.28	31.44 -0.07 -1.12	35.79 -0.07 -1.76	38.59 -0.11 -2.17	30.24 -0.03 -0.94	28.38 0.04 -0.73	34.28 0.19 -1.59	34.61 0.30 -1.00	38.17 0.36 -2.16	36.42 0.40 0.52	43.45 0.59 -2.92	44.94 0.68 -3.11	45.26 0.75 -3.18	59.64 1.02 -5.26	59.60 1.02 -5.25	45.26 0.77 -3.17	42.57 0.67 -2.78	41.95 0.56 -2.67	42.08 0.48 -2.57	32.56 0.23 -1.33
SYRACUSE___POWER 24017	24.40 -0.10 1.29	20.75 -0.14 4.61	29.48 -0.22 1.48	29.88 -0.25 -0.01	29.81 -0.29 -0.19	30.94 -0.19 -0.74	35.10 -0.19 -1.18	37.77 -0.24 -1.48	29.86 -0.11 -0.64	28.08 -0.02 -0.49	33.71 0.12 -1.08	33.92 0.22 -0.39	37.39 0.26 -1.47	36.23 0.33 0.63	42.44 0.51 -1.99	43.87 0.61 -2.11	44.15 0.66 -2.17	57.85 0.90 -3.58	57.77 0.86 -3.58	44.14 0.66 -2.16	41.56 0.55 -1.89	40.97 0.43 -1.82	41.15 0.36 -1.75	32.05 0.13 -0.90
TALLMAN___138KV_BK151 55660	27.46 1.67 0.00	26.88 1.38 0.00	32.76 1.58 0.00	31.71 1.58 0.00	31.41 1.50 0.00	32.05 1.65 0.00	36.03 1.93 0.00	38.76 2.22 0.00	31.16 1.83 0.00	29.38 1.78 0.00	34.82 2.32 0.00	35.72 2.41 0.00	37.95 2.31 0.00	38.87 2.33 0.00	42.53 2.59 0.00	43.80 2.64 0.00	44.19 2.85 0.00	56.92 3.55 0.00	56.61 3.27 0.00	43.52 2.21 0.00	41.31 2.19 0.00	41.05 2.32 0.00	41.20 2.17 0.00	32.86 1.84 0.00
TEALLAVE_115KV_TB7 355573	24.06 -0.18 1.55	19.99 -0.23 5.28	28.92 -0.33 1.93	29.78 -0.35 0.00	29.67 -0.39 -0.15	30.67 -0.30 -0.58	34.74 -0.31 -0.94	37.38 -0.36 -1.20	29.64 -0.21 -0.52	27.90 -0.11 -0.40	33.39 0.01 -0.88	33.48 0.11 -0.06	36.99 0.15 -1.19	36.00 0.22 0.76	41.93 0.38 -1.61	43.31 0.46 -1.69	43.59 0.50 -1.75	56.96 0.70 -2.90	56.87 0.63 -2.90	43.56 0.49 -1.75	41.05 0.40 -1.53	40.48 0.29 -1.47	40.66 0.22 -1.42	31.77 0.03 -0.73
TELGRAPH_34_KV_EAST 80808	25.46 -0.32 0.00	25.15 -0.35 0.00	30.50 -0.67 0.00	29.33 -0.79 0.00	28.87 -1.04 0.00	29.64 -0.75 0.00	33.19 -0.92 0.00	35.15 -1.39 0.00	28.58 -0.76 0.00	27.10 -0.51 0.00	32.25 -0.26 0.00	33.43 0.12 0.00	36.29 0.64 0.00	37.52 0.98 0.00	41.48 1.54 0.00	42.94 1.78 0.00	42.85 1.52 0.00	55.25 1.88 0.00	54.72 1.38 0.00	42.45 1.13 0.00	39.88 0.76 0.00	39.41 0.69 0.00	39.93 0.90 0.00	31.55 0.53 0.00
TEMPLE___115KV_TB 2 55572	24.11 -0.17 1.50	20.14 -0.21 5.14	28.99 -0.32 1.87	29.79 -0.34 0.00	29.68 -0.38 -0.15	30.70 -0.28 -0.58	34.76 -0.29 -0.95	37.39 -0.34 -1.20	29.66 -0.19 -0.52	27.91 -0.09 -0.40	33.42 0.04 -0.88	33.52 0.13 -0.08	37.02 0.17 -1.20	36.05 0.25 0.74	41.97 0.41 -1.61	43.35 0.50 -1.69	43.63 0.54 -1.75	57.02 0.75 -2.90	56.91 0.68 -2.90	43.59 0.52 -1.75	41.07 0.42 -1.53	40.50 0.31 -1.47	40.69 0.24 -1.42	31.79 0.05 -0.73
TIANA____69_KV_BK 1 55817	28.00 2.21 0.00	27.76 2.14 -0.12	34.01 2.83 0.00	32.88 2.76 0.00	40.59 2.90 -7.79	33.55 3.15 0.00	37.58 3.47 0.00	41.72 4.01 -1.18	32.32 2.98 0.00	30.61 2.96 -0.05	99.29 4.01 -62.77	66.26 4.04 -28.91	39.33 3.69 0.00	39.95 3.41 0.00	43.56 3.61 0.00	44.88 3.72 0.00	45.32 4.01 0.02	68.79 5.11 -10.31	82.93 4.64 -24.95	44.45 3.13 0.00	42.17 3.05 0.00	41.79 3.07 0.00	42.05 3.02 0.00	33.63 2.62 0.00
TILDEN___115KV_TB1 80814	24.40 -0.10 1.29	20.75 -0.14 4.61	29.48 -0.22 1.48	29.88 -0.25 -0.01	29.81 -0.29 -0.19	30.94 -0.19 -0.74	35.10 -0.19 -1.18	37.77 -0.24 -1.48	29.86 -0.11 -0.64	28.08 -0.02 -0.49	33.71 0.12 -1.08	33.92 0.22 -0.39	37.39 0.26 -1.47	36.23 0.33 0.63	42.44 0.51 -1.99	43.87 0.61 -2.11	44.15 0.66 -2.17	57.85 0.90 -3.58	57.77 0.86 -3.58	44.14 0.66 -2.16	41.56 0.55 -1.89	40.97 0.43 -1.82	41.15 0.36 -1.75	32.05 0.13 -0.90
TRIGEN___CC 323695	27.79 2.01 0.00	27.42 1.80 -0.12	33.40 2.22 0.00	32.35 2.22 0.00	39.85 2.15 -7.79	32.69 2.29 0.00	36.72 2.62 0.00	40.74 3.03 -1.18	31.67 2.33 0.00	29.93 2.28 -0.05	40.37 3.02 -4.85	38.28 3.09 -1.89	38.44 2.79 0.00	39.18 2.64 0.00	42.75 2.81 0.00	43.89 2.74 0.00	44.34 3.05 0.04	57.08 3.75 0.04	56.78 3.44 0.00	43.66 2.34 0.00	41.37 2.25 0.00	41.17 2.45 0.00	41.46 2.43 0.00	33.18 2.17 0.00

TRINITY__115KV__4 BK 55933	26.41 0.63 0.00	26.10 0.61 0.00	31.98 0.80 0.00	30.93 0.81 0.00	30.65 0.75 0.00	31.18 0.79 0.00	34.95 0.85 0.00	37.54 1.00 0.00	30.13 0.79 0.00	28.32 0.72 0.00	33.21 0.70 0.00	34.00 0.69 0.00	36.33 0.68 0.00	37.35 0.81 0.00	40.85 0.90 0.00	41.98 0.82 0.00	42.25 0.92 0.00	54.56 1.20 0.00	54.60 1.26 0.00	42.30 0.99 0.00	40.08 0.96 0.00	39.63 0.91 0.00	39.76 0.73 0.00	31.62 0.61 0.00
UNION__PROCESSING_DRP 323587	25.63 -0.16 0.00	25.31 -0.19 0.00	30.78 -0.40 0.00	29.64 -0.48 0.00	29.26 -0.65 0.00	29.94 -0.46 0.00	33.55 -0.55 0.00	35.71 -0.83 0.00	28.91 -0.42 0.00	27.37 -0.24 0.00	32.52 0.01 0.00	33.66 0.35 0.00	36.39 0.74 0.00	37.48 0.94 0.00	41.30 1.36 0.00	42.71 1.55 0.00	42.72 1.39 0.00	55.22 1.86 0.00	54.99 1.65 0.00	42.61 1.29 0.00	40.05 0.92 0.00	39.53 0.81 0.00	39.93 0.90 0.00	31.50 0.49 0.00
UPPER HUDSON__HYD 24058	26.90 1.12 0.00	26.61 1.11 0.00	32.69 1.51 0.00	31.62 1.49 0.00	31.37 1.46 0.00	31.87 1.48 0.00	35.82 1.71 0.00	38.46 1.92 0.00	30.81 1.48 0.00	28.91 1.31 0.00	33.75 1.25 0.00	34.67 1.37 0.00	36.94 1.30 0.00	38.13 1.59 0.00	41.68 1.73 0.00	43.13 1.97 0.00	43.40 2.07 0.00	56.18 2.82 0.00	56.79 3.45 0.00	44.10 2.78 0.00	41.86 2.74 0.00	41.12 2.39 0.00	41.45 2.41 0.00	32.76 1.74 0.00
UPPER RAQUET__HYD 24056	-37.75 -1.20 62.33	-168.61 -1.10 193.00	-61.29 -1.35 91.12	28.09 -1.25 0.79	29.14 -0.81 -0.05	26.97 -1.35 2.07	31.50 -1.44 1.16	35.40 -1.55 -0.41	28.20 -1.32 -0.18	26.43 -1.31 -0.14	31.09 -1.70 -0.29	-0.10 -1.78 31.63	34.34 -1.73 -0.42	4.17 -1.94 30.43	38.19 -2.32 -0.56	37.78 -2.47 0.91	39.23 -2.71 -0.61	51.00 -3.38 -1.02	51.21 -3.14 -1.02	39.70 -2.23 -0.61	37.64 -2.02 -0.54	37.36 -1.88 -0.52	37.65 -1.88 -0.50	29.69 -1.58 -0.26
VALLEY44_115KV_TB2 355964	25.60 -0.19 0.00	25.16 -0.33 0.00	30.58 -0.59 0.00	29.47 -0.66 0.00	29.07 -0.84 0.00	29.79 -0.61 0.00	33.42 -0.69 0.00	35.39 -1.15 0.00	28.75 -0.58 0.00	27.30 -0.30 0.00	32.63 0.12 0.00	33.69 0.38 0.00	36.16 0.51 0.00	37.13 0.59 0.00	41.04 1.10 0.00	42.59 1.44 0.00	42.62 1.29 0.00	54.97 1.60 0.00	54.30 0.96 0.00	42.08 0.76 0.00	39.52 0.40 0.00	39.10 0.38 0.00	39.75 0.71 0.00	31.29 0.28 0.00
VALLEY__115KV_TB 1-4 80826	24.93 0.55 1.41	21.65 0.50 4.35	29.80 0.68 2.06	30.77 0.66 0.02	30.49 0.58 0.00	30.99 0.65 0.05	34.80 0.73 0.03	37.31 0.77 0.00	29.91 0.57 0.00	28.12 0.51 0.00	32.91 0.41 0.00	32.99 0.40 0.72	36.12 0.48 0.00	36.46 0.61 0.69	40.62 0.68 0.00	41.88 0.76 0.03	42.19 0.86 0.00	54.54 1.17 0.00	54.77 1.43 0.00	42.58 1.27 0.00	40.38 1.26 0.00	39.82 1.10 0.00	40.10 1.07 0.00	31.76 0.75 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.11 1.26 -0.07	26.72 1.16 -0.07	32.83 1.44 -0.21	31.51 1.38 -0.01	31.28 1.32 -0.05	32.06 1.45 -0.21	36.01 1.58 -0.32	38.62 1.69 -0.39	30.96 1.46 -0.17	29.09 1.36 -0.13	34.53 1.74 -0.28	35.47 1.85 -0.31	38.00 1.97 -0.39	38.59 2.01 -0.03	42.73 2.27 -0.52	44.14 2.42 -0.56	44.43 2.53 -0.57	57.57 3.27 -0.94	57.43 3.16 -0.93	44.30 2.43 -0.56	41.88 2.27 -0.49	41.40 2.20 -0.47	41.58 2.10 -0.45	32.81 1.57 -0.23
VISCHER__FERRY HYD 24020	26.84 1.06 0.00	26.55 1.05 0.00	32.54 1.36 0.00	31.48 1.35 0.00	31.19 1.29 0.00	31.71 1.31 0.00	35.57 1.46 0.00	38.18 1.64 0.00	30.62 1.29 0.00	28.77 1.17 0.00	33.67 1.16 0.00	34.49 1.18 0.00	36.91 1.26 0.00	37.99 1.45 0.00	41.56 1.62 0.00	42.70 1.54 0.00	42.99 1.66 0.00	55.52 2.16 0.00	55.71 2.38 0.00	43.21 1.89 0.00	40.95 1.82 0.00	40.41 1.68 0.00	40.53 1.50 0.00	32.18 1.17 0.00
V_A_10_SYNC_DSASP 323832	25.13 -0.65 0.00	24.83 -0.67 0.00	30.18 -0.99 0.00	29.06 -1.07 0.00	28.62 -1.29 0.00	29.33 -1.06 0.00	32.82 -1.28 0.00	34.77 -1.77 0.00	28.22 -1.11 0.00	26.76 -0.84 0.00	31.84 -0.66 0.00	32.98 -0.32 0.00	35.69 0.04 0.00	36.81 0.27 0.00	40.63 0.68 0.00	42.01 0.85 0.00	41.92 0.59 0.00	54.13 0.77 0.00	53.74 0.40 0.00	41.62 0.31 0.00	39.08 -0.04 0.00	38.63 -0.09 0.00	39.18 0.14 0.00	30.94 -0.07 0.00
V_CMM_10_SYNC_DSASP 323787	34.13 -0.48 -8.82	52.41 -0.39 -27.31	43.62 -0.48 -12.92	29.80 -0.44 -0.11	29.62 -0.29 0.00	30.20 -0.52 -0.32	33.78 -0.54 -0.21	35.94 -0.60 0.00	28.79 -0.55 0.00	27.02 -0.58 0.00	31.74 -0.77 0.00	37.00 -0.83 -4.52	34.89 -0.76 0.00	39.95 -0.90 -4.31	38.83 -1.11 0.00	40.22 -1.16 -0.21	39.96 -1.37 0.00	51.64 -1.72 0.00	51.72 -1.62 0.00	40.11 -1.21 0.00	37.95 -1.17 0.00	37.64 -1.08 0.00	38.05 -0.98 0.00	30.25 -0.76 0.00
V_CMP_10_SYNC_DSASP 323788	21.67 0.97 5.09	10.71 0.96 15.74	24.96 1.23 7.45	31.34 1.28 0.07	31.23 1.33 0.00	31.45 1.25 0.19	35.64 1.66 0.12	38.02 1.49 0.00	30.29 0.96 0.00	28.32 0.72 0.00	32.95 0.45 0.00	30.94 0.24 2.61	36.17 0.52 0.00	34.59 0.54 2.48	40.64 0.70 0.00	41.55 0.52 0.12	41.14 -0.19 0.00	53.21 -0.15 0.00	53.36 0.02 0.00	41.85 0.53 0.00	39.62 0.50 0.00	39.05 0.33 0.00	39.80 0.77 0.00	31.21 0.20 0.00
V_D_10_SYNC_DSASP 323841	39.43 -0.56 -14.21	69.00 -0.47 -43.98	51.42 -0.57 -20.80	29.79 -0.52 -0.18	29.74 -0.17 0.00	30.30 -0.62 -0.52	33.81 -0.64 -0.34	35.83 -0.71 0.00	28.70 -0.63 0.00	26.92 -0.68 0.00	31.61 -0.90 0.00	39.63 -0.96 -7.28	34.78 -0.87 0.00	42.44 -1.03 -6.94	38.66 -1.29 0.00	40.15 -1.35 -0.35	39.76 -1.57 0.00	51.39 -1.98 0.00	51.48 -1.86 0.00	39.95 -1.36 0.00	37.84 -1.28 0.00	37.55 -1.18 0.00	37.94 -1.09 0.00	30.15 -0.86 0.00
V_E_10_SYNC_DSASP 323830	28.17 2.22 -0.17	27.74 2.09 -0.16	34.13 2.45 -0.50	32.46 2.31 -0.02	32.30 2.28 -0.11	33.38 2.51 -0.48	37.85 3.01 -0.74	40.64 3.21 -0.89	32.19 2.47 -0.39	30.34 2.44 -0.30	36.03 2.87 -0.65	37.11 3.08 -0.72	39.86 3.32 -0.89	40.20 3.58 -0.08	44.88 3.73 -1.20	46.41 3.95 -1.30	47.14 4.50 -1.31	61.47 5.94 -2.17	61.62 6.12 -2.16	47.63 5.01 -1.30	44.93 4.67 -1.14	44.15 4.33 -1.10	44.08 3.99 -1.05	34.19 2.64 -0.55
V_F_30_NSYNC__DSASP 323816	27.16 1.37 0.00	26.85 1.35 0.00	32.91 1.73 0.00	31.81 1.69 0.00	31.54 1.64 0.00	32.08 1.68 0.00	36.01 1.91 0.00	38.63 2.09 0.00	30.97 1.64 0.00	29.09 1.49 0.00	34.08 1.57 0.00	34.92 1.61 0.00	37.35 1.70 0.00	38.46 1.92 0.00	42.09 2.15 0.00	43.42 2.26 0.00	43.74 2.41 0.00	56.52 3.15 0.00	56.81 3.48 0.00	44.06 2.74 0.00	41.76 2.64 0.00	41.18 2.46 0.00	41.37 2.34 0.00	32.76 1.75 0.00
V_F_30_SYNC_DSASP 323786	26.56 0.78 0.00	26.25 0.75 0.00	32.14 0.96 0.00	31.09 0.96 0.00	30.81 0.90 0.00	31.34 0.94 0.00	35.13 1.03 0.00	37.72 1.19 0.00	30.29 0.96 0.00	28.49 0.89 0.00	33.41 0.91 0.00	34.22 0.91 0.00	36.58 0.93 0.00	37.61 1.07 0.00	41.13 1.19 0.00	42.31 1.15 0.00	42.57 1.24 0.00	54.98 1.61 0.00	54.98 1.64 0.00	42.61 1.29 0.00	40.36 1.24 0.00	39.90 1.18 0.00	40.02 0.98 0.00	31.82 0.81 0.00

V_XM10_SYNC_DSASP 323789	21.67 0.97 5.09	10.71 0.96 15.74	24.96 1.23 7.45	31.34 1.28 0.07	31.23 1.33 0.00	31.45 1.25 0.19	35.64 1.66 0.12	38.02 1.49 0.00	30.29 0.96 0.00	28.32 0.72 0.00	32.95 0.45 0.00	30.94 0.24 2.61	36.17 0.52 0.00	34.59 0.54 2.48	40.64 0.70 0.00	41.55 0.52 0.12	41.14 -0.19 0.00	53.21 -0.15 0.00	53.36 0.02 0.00	41.85 0.53 0.00	39.62 0.50 0.00	39.05 0.33 0.00	39.80 0.77 0.00	31.21 0.20 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.55 1.77 0.00	26.98 1.48 0.00	32.88 1.71 0.00	31.83 1.70 0.00	31.52 1.62 0.00	32.16 1.76 0.00	36.16 2.06 0.00	38.91 2.37 0.00	31.28 1.95 0.00	29.51 1.90 0.00	34.96 2.45 0.00	35.86 2.56 0.00	38.11 2.46 0.00	39.04 2.50 0.00	42.73 2.79 0.00	44.00 2.84 0.00	44.40 3.06 0.00	57.18 3.81 0.00	56.88 3.54 0.00	43.74 2.42 0.00	41.51 2.38 0.00	41.22 2.50 0.00	41.38 2.35 0.00	32.98 1.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.78 2.00 0.00	27.19 1.69 0.00	33.13 1.96 0.00	32.07 1.95 0.00	31.78 1.87 0.00	32.43 2.04 0.00	36.49 2.38 0.00	39.32 2.78 0.00	31.60 2.27 0.00	29.79 2.18 0.00	35.32 2.82 0.00	36.18 2.87 0.00	38.34 2.70 0.00	39.20 2.66 0.00	42.87 2.93 0.00	44.07 2.91 0.00	44.43 3.10 0.00	57.16 3.80 0.00	56.81 3.48 0.00	43.74 2.43 0.00	41.52 2.39 0.00	41.35 2.62 0.00	41.59 2.55 0.00	33.22 2.21 0.00
W50THST__13_KV_LOAD 356117	27.97 2.19 0.00	27.35 1.86 0.00	33.33 2.15 0.00	32.25 2.13 0.00	31.96 2.05 0.00	32.63 2.24 0.00	36.75 2.64 0.00	39.64 3.11 0.00	31.89 2.55 0.00	30.05 2.45 0.00	35.66 3.15 0.00	36.54 3.23 0.00	38.71 3.06 0.00	39.54 3.00 0.00	43.25 3.30 0.00	44.44 3.28 0.00	44.82 3.49 0.00	57.63 4.26 0.00	57.23 3.89 0.00	44.04 2.73 0.00	41.77 2.66 0.00	41.62 2.90 0.00	41.88 2.84 0.00	33.45 2.43 0.00
WADING RIVER_IC_1 23522	27.67 1.89 0.00	27.41 1.79 -0.12	33.57 2.39 0.00	32.49 2.36 0.00	40.13 2.44 -7.79	33.01 2.62 0.00	37.01 2.91 0.00	41.15 3.43 -1.18	31.85 2.52 0.00	30.14 2.49 -0.05	98.50 3.40 -62.60	65.56 3.43 -28.83	38.70 3.05 0.00	39.31 2.76 0.00	42.83 2.88 0.00	44.10 2.94 0.00	44.52 3.21 0.02	67.72 4.08 -10.27	81.89 3.71 -24.85	43.78 2.46 0.00	41.53 2.41 0.00	41.19 2.47 0.00	41.47 2.43 0.00	33.18 2.16 0.00
WADING RIVER_IC_2 23547	27.67 1.89 0.00	27.41 1.79 -0.12	33.57 2.39 0.00	32.49 2.36 0.00	40.13 2.44 -7.79	33.01 2.62 0.00	37.01 2.91 0.00	41.15 3.43 -1.18	31.85 2.52 0.00	30.14 2.49 -0.05	98.50 3.40 -62.60	65.56 3.43 -28.83	38.70 3.05 0.00	39.31 2.76 0.00	42.83 2.88 0.00	44.10 2.94 0.00	44.52 3.21 0.02	67.72 4.08 -10.27	81.89 3.71 -24.85	43.78 2.46 0.00	41.53 2.41 0.00	41.19 2.47 0.00	41.47 2.43 0.00	33.18 2.16 0.00
WADING RIVER_IC_3 23601	27.67 1.89 0.00	27.41 1.79 -0.12	33.57 2.39 0.00	32.49 2.36 0.00	40.13 2.44 -7.79	33.01 2.62 0.00	37.01 2.91 0.00	41.15 3.43 -1.18	31.85 2.52 0.00	30.14 2.49 -0.05	98.50 3.40 -62.60	65.56 3.43 -28.83	38.70 3.05 0.00	39.31 2.76 0.00	42.83 2.88 0.00	44.10 2.94 0.00	44.52 3.21 0.02	67.72 4.08 -10.27	81.89 3.71 -24.85	43.78 2.46 0.00	41.53 2.41 0.00	41.19 2.47 0.00	41.47 2.43 0.00	33.18 2.16 0.00
WALDENNY_12_KV_BK2 80841	25.53 -0.26 0.00	25.19 -0.30 0.00	30.58 -0.60 0.00	29.40 -0.72 0.00	28.94 -0.97 0.00	29.69 -0.71 0.00	33.25 -0.86 0.00	35.22 -1.32 0.00	28.68 -0.65 0.00	27.26 -0.34 0.00	32.52 0.02 0.00	33.72 0.41 0.00	36.55 0.90 0.00	37.77 1.23 0.00	41.79 1.85 0.00	43.27 2.11 0.00	43.19 1.85 0.00	55.71 2.34 0.00	55.17 1.83 0.00	42.73 1.42 0.00	40.08 0.96 0.00	39.59 0.86 0.00	40.14 1.10 0.00	31.63 0.62 0.00
WALDEN__HYDRO 24148	27.45 1.66 0.00	26.91 1.41 0.00	32.83 1.65 0.00	31.74 1.62 0.00	31.43 1.53 0.00	32.06 1.67 0.00	36.03 1.93 0.00	38.76 2.22 0.00	31.15 1.82 0.00	29.38 1.77 0.00	34.78 2.28 0.00	35.66 2.35 0.00	37.96 2.31 0.00	38.90 2.36 0.00	42.55 2.61 0.00	43.85 2.70 0.00	44.26 2.93 0.00	57.01 3.64 0.00	56.83 3.49 0.00	43.77 2.46 0.00	41.52 2.39 0.00	41.18 2.46 0.00	41.34 2.31 0.00	32.90 1.89 0.00
WARRENSBURG____ 23737	26.90 1.12 0.00	26.61 1.11 0.00	32.69 1.51 0.00	31.62 1.49 0.00	31.37 1.46 0.00	31.87 1.48 0.00	35.82 1.71 0.00	38.46 1.92 0.00	30.81 1.48 0.00	28.91 1.31 0.00	33.75 1.25 0.00	34.67 1.37 0.00	36.94 1.30 0.00	38.13 1.59 0.00	41.68 1.73 0.00	43.13 1.97 0.00	43.40 2.07 0.00	56.18 2.82 0.00	56.79 3.45 0.00	44.10 2.78 0.00	41.86 2.74 0.00	41.12 2.39 0.00	41.45 2.41 0.00	32.76 1.74 0.00
WATERSIDE____6 8 9 23538	27.81 2.03 0.00	27.21 1.72 0.00	33.16 1.98 0.00	32.08 1.95 0.00	31.78 1.88 0.00	32.45 2.05 0.00	36.51 2.40 0.00	39.35 2.81 0.00	31.60 2.26 0.00	29.76 2.16 0.00	35.30 2.79 0.00	36.10 2.79 0.00	38.19 2.54 0.00	39.03 2.49 0.00	42.68 2.74 0.00	43.87 2.71 0.00	44.26 2.93 0.00	56.92 3.55 0.00	56.50 3.16 0.00	43.55 2.23 0.00	41.38 2.26 0.00	41.32 2.60 0.00	41.59 2.55 0.00	33.28 2.27 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.79 0.41 1.41	21.52 0.37 4.35	29.62 0.50 2.06	30.59 0.49 0.02	30.34 0.43 0.00	30.82 0.48 0.05	34.61 0.54 0.03	37.10 0.57 0.00	29.75 0.42 0.00	27.98 0.38 0.00	32.80 0.30 0.00	32.87 0.28 0.72	35.98 0.33 0.00	36.28 0.43 0.69	40.42 0.48 0.00	41.64 0.52 0.03	41.95 0.62 0.00	54.21 0.84 0.00	54.37 1.03 0.00	42.23 0.92 0.00	40.03 0.91 0.00	39.54 0.82 0.00	39.81 0.77 0.00	31.56 0.55 0.00
WATSON__69_KV_BK 1 55734	28.18 2.40 0.00	27.87 2.25 -0.12	34.09 2.91 0.00	33.02 2.89 0.00	40.54 2.85 -7.79	33.40 3.00 0.00	37.48 3.38 0.00	41.65 3.93 -1.18	32.27 2.94 0.00	30.53 2.88 -0.05	70.38 3.85 -34.03	54.56 3.91 -17.35	39.25 3.60 0.00	39.90 3.35 0.00	43.47 3.53 0.00	44.63 3.47 0.00	45.08 3.77 0.03	63.36 4.82 -5.18	70.43 4.46 -12.64	44.40 3.09 0.00	42.04 2.92 0.00	41.75 3.03 0.00	42.20 3.16 0.00	33.76 2.75 0.00
WDELAWARE__HYD 323627	26.78 1.00 0.00	26.24 0.75 0.00	32.01 0.83 0.00	30.93 0.81 0.00	30.63 0.73 0.00	31.23 0.84 0.00	35.09 0.99 0.00	37.78 1.24 0.00	30.33 1.00 0.00	28.62 1.02 0.00	33.84 1.34 0.00	34.76 1.45 0.00	37.20 1.55 0.00	38.13 1.59 0.00	41.64 1.70 0.00	43.00 1.84 0.00	43.42 2.09 0.00	55.98 2.61 0.00	55.88 2.54 0.00	43.14 1.82 0.00	40.87 1.75 0.00	40.45 1.72 0.00	40.53 1.49 0.00	32.18 1.17 0.00
WEST BABYLON__IC 23714	28.10 2.31 0.00	27.81 2.19 -0.12	33.91 2.73 0.00	32.84 2.72 0.00	40.36 2.67 -7.79	33.20 2.80 0.00	37.28 3.18 0.00	41.40 3.68 -1.18	32.11 2.77 0.00	30.37 2.72 -0.05	48.08 3.61 -11.96	43.09 3.63 -6.15	38.97 3.32 0.00	39.64 3.11 0.00	43.23 3.28 0.00	44.33 3.17 0.00	44.81 3.52 0.05	59.06 4.48 -1.22	60.52 4.14 -3.04	44.16 2.84 0.00	41.82 2.70 0.00	41.56 2.84 0.00	42.00 2.97 0.00	33.64 2.63 0.00

WEST CANADA___HYD 24049	24.58 0.20 1.41	21.33 0.18 4.35	29.35 0.23 2.06	30.34 0.23 0.02	30.10 0.20 0.00	30.58 0.24 0.05	34.31 0.24 0.03	36.81 0.27 0.00	29.56 0.23 0.00	27.82 0.22 0.00	32.75 0.24 0.00	32.85 0.26 0.72	35.90 0.25 0.00	36.14 0.29 0.69	40.29 0.35 0.00	41.48 0.35 0.03	41.70 0.37 0.00	53.85 0.48 0.00	53.82 0.48 0.00	41.70 0.38 0.00	39.50 0.38 0.00	39.08 0.35 0.00	39.35 0.31 0.00	31.25 0.24 0.00
WESTERN_NY_WIND 24143	25.98 0.20 0.00	25.64 0.15 0.00	31.11 -0.07 0.00	29.92 -0.20 0.00	29.48 -0.43 0.00	30.26 -0.14 0.00	33.91 -0.19 0.00	35.98 -0.56 0.00	29.22 -0.11 0.00	27.66 0.06 0.00	32.91 0.41 0.00	34.10 0.79 0.00	37.10 1.46 0.00	38.30 1.76 0.00	42.33 2.39 0.00	43.84 2.68 0.00	43.83 2.50 0.00	56.64 3.28 0.00	56.11 2.77 0.00	43.60 2.28 0.00	41.03 1.90 0.00	40.51 1.79 0.00	40.94 1.91 0.00	32.26 1.25 0.00
WESTOVER___LESR 323668	26.26 0.31 -0.16	25.85 0.20 -0.15	31.85 0.19 -0.48	30.28 0.14 -0.02	30.09 0.08 -0.11	31.07 0.20 -0.47	35.10 0.28 -0.72	37.59 0.18 -0.87	29.96 0.25 -0.38	28.24 0.34 -0.29	33.75 0.60 -0.64	34.76 0.75 -0.70	37.36 0.85 -0.87	37.53 0.92 -0.08	42.37 1.26 -1.17	43.81 1.40 -1.26	44.09 1.48 -1.27	57.32 1.85 -2.11	57.01 1.59 -2.08	43.82 1.25 -1.25	41.34 1.13 -1.09	40.75 0.97 -1.05	41.05 1.01 -1.01	32.14 0.61 -0.52
WETHRSFD_WT_PWR 323626	25.56 -0.22 0.00	25.20 -0.30 0.00	30.64 -0.54 0.00	29.50 -0.63 0.00	29.08 -0.82 0.00	29.81 -0.58 0.00	33.44 -0.67 0.00	35.47 -1.07 0.00	28.76 -0.57 0.00	27.29 -0.31 0.00	32.48 -0.03 0.00	33.63 0.32 0.00	36.30 0.65 0.00	37.40 0.86 0.00	41.35 1.40 0.00	42.81 1.64 0.00	42.81 1.48 0.00	55.23 1.87 0.00	54.74 1.40 0.00	42.47 1.16 0.00	39.93 0.81 0.00	39.38 0.65 0.00	39.94 0.91 0.00	31.46 0.44 0.00
WHAVSTOR_138KV_BK127 55557	27.43 1.65 0.00	26.86 1.37 0.00	32.76 1.58 0.00	31.70 1.58 0.00	31.40 1.50 0.00	32.03 1.64 0.00	36.02 1.91 0.00	38.74 2.20 0.00	31.14 1.81 0.00	29.36 1.75 0.00	34.78 2.27 0.00	35.67 2.36 0.00	37.89 2.25 0.00	38.79 2.25 0.00	42.44 2.50 0.00	43.70 2.54 0.00	44.09 2.76 0.00	56.79 3.42 0.00	56.49 3.15 0.00	43.45 2.13 0.00	41.23 2.11 0.00	40.98 2.26 0.00	41.15 2.11 0.00	32.82 1.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.43 1.65 0.00	26.86 1.37 0.00	32.76 1.58 0.00	31.70 1.58 0.00	31.40 1.50 0.00	32.03 1.64 0.00	36.02 1.91 0.00	38.74 2.20 0.00	31.14 1.81 0.00	29.36 1.75 0.00	34.78 2.27 0.00	35.67 2.36 0.00	37.89 2.25 0.00	38.79 2.25 0.00	42.44 2.50 0.00	43.70 2.54 0.00	44.09 2.76 0.00	56.79 3.42 0.00	56.49 3.15 0.00	43.45 2.13 0.00	41.23 2.11 0.00	40.98 2.26 0.00	41.15 2.11 0.00	32.82 1.80 0.00
WHITEHAL_115KV_TB1 80871	27.24 1.46 0.00	27.20 1.71 0.00	33.85 2.68 0.00	32.68 2.55 0.00	32.44 2.53 0.00	33.06 2.67 0.00	37.15 3.04 0.00	39.84 3.30 0.00	31.66 2.33 0.00	29.54 1.94 0.00	34.25 1.74 0.00	35.24 1.93 0.00	37.76 2.11 0.00	39.17 2.63 0.00	42.98 3.04 0.00	44.47 3.31 0.00	44.90 3.56 0.00	58.30 4.94 0.00	58.87 5.53 0.00	45.72 4.40 0.00	43.45 4.33 0.00	42.29 3.57 0.00	42.72 3.68 0.00	33.60 2.59 0.00
WHITEPLN_13_KV_LOAD 356215	27.94 2.15 0.00	27.35 1.86 0.00	33.34 2.16 0.00	32.25 2.13 0.00	31.94 2.04 0.00	32.60 2.21 0.00	36.68 2.58 0.00	39.52 2.98 0.00	31.80 2.47 0.00	29.98 2.38 0.00	35.52 3.01 0.00	36.42 3.11 0.00	38.71 3.06 0.00	39.60 3.06 0.00	43.36 3.41 0.00	44.62 3.47 0.00	45.02 3.69 0.00	58.03 4.67 0.00	57.68 4.34 0.00	44.37 3.06 0.00	42.06 2.94 0.00	41.79 3.07 0.00	41.96 2.93 0.00	33.44 2.43 0.00
WM_FLOYD_69_KV_BK2 356380	27.94 2.16 0.00	27.67 2.05 -0.12	33.89 2.71 0.00	32.81 2.69 0.00	40.42 2.73 -7.79	33.31 2.91 0.00	37.36 3.25 0.00	41.53 3.81 -1.18	32.15 2.81 0.00	30.40 2.75 -0.05	99.99 3.73 -63.75	66.46 3.80 -29.36	39.06 3.42 0.00	39.70 3.16 0.00	43.25 3.31 0.00	44.55 3.40 0.00	44.94 3.63 0.02	68.52 4.67 -10.48	83.14 4.30 -25.51	44.25 2.93 0.00	41.95 2.83 0.00	41.62 2.90 0.00	41.90 2.87 0.00	33.52 2.50 0.00
WOODARD__115KV_TB2 355635	24.19 -0.21 1.38	20.33 -0.25 4.91	29.24 -0.35 1.59	29.77 -0.37 -0.01	29.70 -0.41 -0.20	30.85 -0.32 -0.77	35.01 -0.33 -1.24	37.69 -0.39 -1.55	29.76 -0.25 -0.67	27.97 -0.16 -0.52	33.59 -0.05 -1.13	33.74 0.04 -0.39	37.26 0.07 -1.55	35.99 0.13 0.68	42.30 0.27 -2.09	43.70 0.34 -2.20	43.98 0.38 -2.27	57.65 0.53 -3.75	57.58 0.50 -3.75	43.97 0.39 -2.26	41.40 0.30 -1.98	40.84 0.21 -1.90	41.00 0.14 -1.83	31.94 -0.02 -0.95
YORK___WARBASSE 23770	27.94 2.16 0.00	27.34 1.84 0.00	33.30 2.12 0.00	32.19 2.07 0.00	31.91 2.00 0.00	32.57 2.17 0.00	36.64 2.54 0.00	39.50 2.96 0.00	31.74 2.41 0.00	29.90 2.29 0.00	35.46 2.95 0.00	36.28 2.98 0.00	38.41 2.77 0.00	39.30 2.76 -0.01	42.96 3.02 0.00	44.14 2.98 0.00	44.54 3.21 0.00	57.29 3.92 0.00	56.80 3.46 0.00	43.83 2.52 0.00	41.64 2.51 0.00	41.54 2.82 0.00	41.78 2.75 0.00	33.45 2.44 0.00