

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/04/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	35.87	35.46	36.13	35.84	35.57	37.22	50.38	66.48	59.19	35.18	30.94	30.61	30.32	33.30	36.64	44.63	59.06	76.53	77.09	66.62	54.19	53.22	49.72	40.33
24138	2.64	2.51	2.39	2.42	2.35	2.71	3.60	4.93	4.83	3.09	2.61	2.45	2.45	2.77	2.90	3.44	3.91	4.67	4.41	3.52	2.75	2.77	2.43	2.15
	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	35.84	35.43	36.11	35.81	35.54	37.18	50.37	66.49	59.20	35.14	30.90	30.57	30.27	33.24	36.58	44.58	59.01	76.54	77.14	66.72	54.29	53.32	49.79	40.34
24260	2.61	2.48	2.37	2.39	2.32	2.68	3.59	4.94	4.84	3.05	2.57	2.40	2.39	2.70	2.84	3.38	3.85	4.69	4.46	3.63	2.85	2.86	2.49	2.17
	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	35.84	35.43	36.11	35.81	35.54	37.18	50.37	66.49	59.20	35.14	30.90	30.57	30.27	33.24	36.58	44.58	59.01	76.54	77.14	66.72	54.29	53.32	49.79	40.34
24261	2.61	2.48	2.37	2.39	2.32	2.68	3.59	4.94	4.84	3.05	2.57	2.40	2.39	2.70	2.84	3.38	3.85	4.69	4.46	3.63	2.85	2.86	2.49	2.17
	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	34.92	34.53	35.28	34.92	34.73	36.23	48.74	64.15	56.23	32.95	28.92	28.72	28.85	31.57	35.03	42.78	57.32	74.79	75.50	65.97	53.62	52.35	49.32	39.80
24011	1.69	1.58	1.54	1.50	1.51	1.72	1.97	2.61	1.87	0.86	0.58	0.55	0.97	1.03	1.29	1.58	2.16	2.93	2.82	2.88	2.18	1.89	2.03	1.63
	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	35.05	34.63	35.37	34.99	34.83	36.36	48.89	64.40	56.39	33.03	28.92	28.73	29.01	31.69	35.10	42.81	57.50	75.10	75.89	66.39	53.85	52.53	49.64	40.06
23798	1.83	1.68	1.62	1.57	1.61	1.85	2.11	2.85	2.03	0.94	0.58	0.57	1.14	1.16	1.36	1.61	2.34	3.24	3.21	3.29	2.41	2.08	2.34	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.92	34.53	35.28	34.92	34.73	36.23	48.74	64.15	56.23	32.95	28.92	28.72												

ALBANY___2 23572	34.29 1.06 0.00	33.99 1.04 0.00	34.74 1.00 0.00	34.36 0.94 0.00	33.88 0.66 0.00	35.20 0.70 0.00	47.45 0.67 0.00	62.32 0.77 0.00	54.48 0.12 0.00	32.28 0.18 0.00	28.54 0.20 0.00	28.33 0.17 0.00	28.19 0.31 0.00	30.94 0.41 0.00	34.53 0.79 0.00	41.94 0.74 0.00	55.76 0.60 0.00	72.43 0.58 0.00	73.07 0.39 0.00	63.78 0.68 0.00	52.02 0.58 0.00	50.93 0.47 0.00	47.73 0.44 0.00	38.44 0.27 0.00
ALBANY___3 23573	34.29 1.06 0.00	33.99 1.04 0.00	34.74 1.00 0.00	34.36 0.94 0.00	33.88 0.66 0.00	35.20 0.70 0.00	47.45 0.67 0.00	62.32 0.77 0.00	54.48 0.12 0.00	32.28 0.18 0.00	28.54 0.20 0.00	28.33 0.17 0.00	28.19 0.31 0.00	30.94 0.41 0.00	34.53 0.79 0.00	41.94 0.74 0.00	55.76 0.60 0.00	72.43 0.58 0.00	73.07 0.39 0.00	63.78 0.68 0.00	52.02 0.58 0.00	50.93 0.47 0.00	47.73 0.44 0.00	38.44 0.27 0.00
ALBANY___4 23574	34.29 1.06 0.00	33.99 1.04 0.00	34.74 1.00 0.00	34.36 0.94 0.00	33.88 0.66 0.00	35.20 0.70 0.00	47.45 0.67 0.00	62.32 0.77 0.00	54.48 0.12 0.00	32.28 0.18 0.00	28.54 0.20 0.00	28.33 0.17 0.00	28.19 0.31 0.00	30.94 0.41 0.00	34.53 0.79 0.00	41.94 0.74 0.00	55.76 0.60 0.00	72.43 0.58 0.00	73.07 0.39 0.00	63.78 0.68 0.00	52.02 0.58 0.00	50.93 0.47 0.00	47.73 0.44 0.00	38.44 0.27 0.00
ALBANY___LFGE 323615	34.56 1.33 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.61 1.19 0.00	34.19 0.97 0.00	35.55 1.04 0.00	47.92 1.13 0.00	62.91 1.36 0.00	54.83 0.47 0.00	32.48 0.39 0.00	28.73 0.40 0.00	28.53 0.36 0.00	28.38 0.51 0.00	31.17 0.63 0.00	34.84 1.10 0.00	42.35 1.15 0.00	56.29 1.13 0.00	73.13 1.27 0.00	73.73 1.06 0.00	64.38 1.29 0.00	52.52 1.08 0.00	51.38 0.93 0.00	48.14 0.84 0.00	38.75 0.58 0.00
ALCOA_PA_115KV_PL-6C 55860	33.84 0.61 0.00	33.52 0.57 0.00	34.39 0.65 0.00	34.02 0.60 0.00	33.92 0.70 0.00	35.19 0.69 0.00	47.83 1.05 0.00	62.94 1.39 0.00	55.49 1.13 0.00	32.63 0.54 0.00	28.74 0.41 0.00	28.53 0.36 0.00	28.17 0.29 0.00	30.87 0.34 0.00	34.21 0.47 0.00	41.83 0.64 0.00	56.29 1.14 0.00	73.57 1.72 0.00	74.55 1.87 0.00	64.43 1.33 0.00	52.55 1.11 0.00	51.59 1.14 0.00	48.52 1.23 0.00	39.13 0.96 0.00
ALCOA_RYNLDS___DRP 24188	33.84 0.61 0.00	33.52 0.57 0.00	34.39 0.65 0.00	34.02 0.60 0.00	33.92 0.70 0.00	35.19 0.69 0.00	47.83 1.05 0.00	62.94 1.39 0.00	55.49 1.13 0.00	32.63 0.54 0.00	28.74 0.41 0.00	28.53 0.36 0.00	28.17 0.29 0.00	30.87 0.34 0.00	34.21 0.47 0.00	41.83 0.64 0.00	56.29 1.14 0.00	73.57 1.72 0.00	74.55 1.87 0.00	64.43 1.33 0.00	52.55 1.11 0.00	51.59 1.14 0.00	48.52 1.23 0.00	39.13 0.96 0.00
ALCOA___DSASP 323711	33.84 0.61 0.00	33.52 0.57 0.00	34.39 0.65 0.00	34.02 0.60 0.00	33.92 0.70 0.00	35.19 0.69 0.00	47.83 1.05 0.00	62.94 1.39 0.00	55.49 1.13 0.00	32.63 0.54 0.00	28.74 0.41 0.00	28.53 0.36 0.00	28.17 0.29 0.00	30.87 0.34 0.00	34.21 0.47 0.00	41.83 0.64 0.00	56.29 1.14 0.00	73.57 1.72 0.00	74.55 1.87 0.00	64.43 1.33 0.00	52.55 1.11 0.00	51.59 1.14 0.00	48.52 1.23 0.00	39.13 0.96 0.00
ALLEGHENY___COGEN 23514	31.74 -1.49 0.00	31.45 -1.50 0.00	32.16 -1.58 0.00	31.85 -1.57 0.00	32.00 -1.22 0.00	33.56 -0.94 0.00	45.94 -0.83 0.00	60.40 -1.14 0.00	52.58 -1.78 0.00	30.78 -1.32 0.00	26.70 -1.64 0.00	26.40 -1.77 0.00	25.75 -2.13 0.00	28.11 -2.42 0.00	25.75 -2.88 5.11	30.09 -2.81 8.30	52.66 -2.49 0.00	69.82 -2.04 0.00	71.51 -1.17 0.00	62.10 -1.00 0.00	50.43 -1.00 0.00	41.73 -0.89 7.83	37.14 -0.72 9.43	37.71 -0.47 0.00
ALTAMONT_115KV_TB 2 55880	34.25 1.02 0.00	33.97 1.01 0.00	34.73 0.99 0.00	34.40 0.98 0.00	34.05 0.83 0.00	35.40 0.89 0.00	47.80 1.02 0.00	62.88 1.33 0.00	55.45 1.09 0.00	32.78 0.69 0.00	28.90 0.56 0.00	28.67 0.50 0.00	28.48 0.60 0.00	31.25 0.72 0.00	34.61 0.87 0.00	42.15 0.95 0.00	56.11 0.95 0.00	72.89 1.04 0.00	73.58 0.90 0.00	64.11 1.01 0.00	52.30 0.86 0.00	51.24 0.78 0.00	48.01 0.71 0.00	38.72 0.55 0.00
ALTONA_WT_PWR 323606	32.50 -0.73 0.00	32.21 -0.75 0.00	33.09 -0.65 0.00	32.74 -0.68 0.00	32.67 -0.55 0.00	33.97 -0.53 0.00	46.14 -0.65 0.00	60.78 -0.77 0.00	53.72 -0.64 0.00	31.64 -0.45 0.00	27.92 -0.42 0.00	27.66 -0.50 0.00	27.31 -0.57 0.00	29.82 -0.72 0.00	33.05 -0.69 0.00	40.45 -0.74 0.00	54.79 -0.37 0.00	71.91 0.05 0.00	73.05 0.37 0.00	63.19 0.09 0.00	51.58 0.14 0.00	50.67 0.22 0.00	47.78 0.48 0.00	38.61 0.43 0.00
AMERICAN_REF_FUEL 24010	28.73 -4.49 0.00	28.48 -4.48 0.00	29.22 -4.52 0.00	28.94 -4.48 0.00	29.05 -4.17 0.00	30.29 -4.21 0.00	41.06 -5.72 0.00	53.82 -7.73 0.00	48.07 -6.29 0.00	29.14 -2.96 0.00	25.42 -2.91 0.00	25.26 -2.91 0.00	24.46 -3.42 0.00	26.53 -4.00 0.00	26.15 -4.73 2.86	31.35 -5.31 4.54	48.51 -6.65 0.00	62.79 -9.07 0.00	64.22 -8.45 0.00	55.67 -7.42 0.00	45.44 -6.00 0.00	40.33 -5.47 4.66	36.97 -4.72 5.60	34.68 -3.49 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.01 -4.21 0.00	28.87 -4.09 0.00	29.80 -3.94 0.00	29.76 -3.66 0.00	30.02 -3.20 0.00	31.50 -3.00 0.00	43.02 -3.76 0.00	56.56 -4.98 0.00	50.46 -3.90 0.00	30.14 -1.95 0.00	25.82 -2.52 0.00	25.58 -2.59 0.00	24.82 -3.06 0.00	27.09 -3.45 0.00	25.84 -4.48 3.43	30.63 -5.12 5.45	49.13 -6.02 0.00	64.20 -7.65 0.00	66.10 -6.58 0.00	57.45 -5.64 0.00	46.57 -4.86 0.00	40.16 -4.30 5.99	36.30 -3.78 7.21	35.49 -2.68 0.00
ARTHUR KILL_GT_1 23520	36.08 2.85 0.00	35.68 2.73 0.00	36.39 2.65 0.00	36.16 2.74 0.00	35.88 2.66 0.00	37.47 2.97 0.00	50.40 3.62 0.00	66.33 4.78 0.00	59.09 4.73 0.00	35.06 2.97 0.00	30.78 2.45 0.00	30.44 2.27 0.00	30.16 2.28 0.00	33.10 2.57 0.00	36.47 2.72 0.00	44.45 3.26 0.00	58.61 3.46 0.00	75.92 4.06 0.00	76.69 4.02 0.00	66.42 3.32 0.00	54.10 2.66 0.00	53.27 2.82 0.00	49.88 2.59 0.00	40.52 2.35 0.00
ARTHUR_KILL_2 23512	35.99 2.77 0.00	35.60 2.64 0.00	36.31 2.57 0.00	36.08 2.67 0.00	35.81 2.59 0.00	37.38 2.88 0.00	50.27 3.49 0.00	66.15 4.61 0.00	58.93 4.57 0.00	34.99 2.89 0.00	30.72 2.39 0.00	30.38 2.21 0.00	30.10 2.23 0.00	33.04 2.51 0.00	36.39 2.65 0.00	44.37 3.17 0.00	58.46 3.30 0.00	75.72 3.86 0.00	76.48 3.80 0.00	66.24 3.14 0.00	53.95 2.51 0.00	53.13 2.67 0.00	49.77 2.48 0.00	40.42 2.25 0.00
ARTHUR_KILL_3 23513	35.56 2.33 0.00	35.17 2.21 0.00	35.83 2.09 0.00	35.53 2.11 0.00	35.27 2.05 0.00	36.89 2.39 0.00	49.98 3.20 0.00	65.93 4.39 0.00	58.68 4.32 0.00	34.81 2.72 0.00	30.60 2.27 0.00	30.28 2.11 0.00	29.99 2.11 0.00	32.94 2.40 0.00	36.26 2.52 0.00	44.18 2.99 0.00	58.48 3.32 0.00	75.83 3.97 0.00	76.42 3.74 0.00	66.09 2.99 0.00	53.77 2.34 0.00	52.83 2.38 0.00	49.33 2.04 0.00	40.00 1.83 0.00

ARTHUR_KILL_COGEN 323718	36.08 2.85 0.00	35.68 2.72 0.00	36.39 2.65 0.00	36.16 2.74 0.00	35.89 2.67 0.00	37.47 2.97 0.00	50.40 3.62 0.00	66.33 4.79 0.00	59.09 4.73 0.00	35.06 2.97 0.00	30.78 2.45 0.00	30.44 2.27 0.00	30.15 2.28 0.00	33.10 2.57 0.00	36.47 2.73 0.00	44.45 3.26 0.00	58.61 3.46 0.00	75.93 4.07 0.00	76.69 4.01 0.00	66.42 3.33 0.00	54.09 2.65 0.00	53.27 2.81 0.00	49.89 2.60 0.00	40.52 2.35 0.00
ASHOKAN____ 23654	34.73 1.50 0.00	34.41 1.46 0.00	35.17 1.42 0.00	34.84 1.42 0.00	34.54 1.32 0.00	36.00 1.50 0.00	48.77 1.99 0.00	64.23 2.68 0.00	56.45 2.10 0.00	33.13 1.04 0.00	29.22 0.89 0.00	29.07 0.90 0.00	28.90 1.02 0.00	31.72 1.19 0.00	35.16 1.42 0.00	43.06 1.87 0.00	57.65 2.49 0.00	75.12 3.26 0.00	75.90 3.22 0.00	65.93 2.84 0.00	53.69 2.26 0.00	52.52 2.06 0.00	49.05 1.75 0.00	39.51 1.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.66 2.43 0.00	35.24 2.29 0.00	35.92 2.17 0.00	35.64 2.21 0.00	35.39 2.17 0.00	37.02 2.52 0.00	50.16 3.38 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.94 2.85 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.33 2.59 0.00	44.28 3.08 0.00	58.55 3.39 0.00	75.96 4.10 0.00	76.60 3.92 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.63 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.65 2.42 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.63 2.21 0.00	35.38 2.16 0.00	37.00 2.50 0.00	50.14 3.36 0.00	66.24 4.70 0.00	59.05 4.69 0.00	34.93 2.84 0.00	30.67 2.33 0.00	30.35 2.19 0.00	30.08 2.20 0.00	33.01 2.47 0.00	36.32 2.58 0.00	44.27 3.07 0.00	58.53 3.37 0.00	75.94 4.08 0.00	76.56 3.89 0.00	66.25 3.16 0.00	53.94 2.50 0.00	53.06 2.60 0.00	49.57 2.27 0.00	40.14 1.96 0.00
ASTORIA_GT2_1 24094	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT2_2 24095	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT2_3 24096	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT2_4 24097	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT3_1 24098	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT3_2 24099	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT3_3 24100	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT3_4 24101	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT4_1 24102	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT4_2 24103	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT4_3 24104	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00

ASTORIA_GT4_4 24105	35.65 2.43 0.00	35.24 2.29 0.00	35.91 2.17 0.00	35.64 2.22 0.00	35.37 2.15 0.00	37.02 2.52 0.00	50.17 3.39 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.95 2.86 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.32 2.58 0.00	44.28 3.08 0.00	58.54 3.39 0.00	75.96 4.10 0.00	76.60 3.93 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.62 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA_GT_1 23523	35.71 2.49 0.00	35.30 2.35 0.00	35.98 2.23 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.08 2.57 0.00	50.26 3.48 0.00	66.39 4.84 0.00	59.19 4.83 0.00	35.01 2.92 0.00	30.73 2.40 0.00	30.42 2.25 0.00	30.15 2.27 0.00	33.07 2.54 0.00	36.39 2.65 0.00	44.36 3.16 0.00	58.66 3.50 0.00	76.10 4.25 0.00	76.75 4.08 0.00	66.40 3.30 0.00	54.07 2.63 0.00	53.16 2.71 0.00	49.66 2.36 0.00	40.23 2.05 0.00
ASTORIA_GT_10 24110	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.43 2.21 0.00	37.05 2.54 0.00	50.06 3.28 0.00	66.01 4.46 0.00	58.86 4.50 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.37 2.63 0.00	44.33 3.13 0.00	58.59 3.44 0.00	75.93 4.08 0.00	76.51 3.83 0.00	66.16 3.06 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
ASTORIA_GT_11 24225	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.43 2.21 0.00	37.05 2.54 0.00	50.06 3.28 0.00	66.01 4.46 0.00	58.86 4.50 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.37 2.63 0.00	44.33 3.13 0.00	58.59 3.44 0.00	75.93 4.08 0.00	76.51 3.83 0.00	66.16 3.06 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
ASTORIA_GT_12 24226	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.43 2.21 0.00	37.05 2.54 0.00	50.06 3.28 0.00	66.01 4.46 0.00	58.86 4.50 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.37 2.63 0.00	44.33 3.13 0.00	58.59 3.44 0.00	75.93 4.08 0.00	76.51 3.83 0.00	66.16 3.06 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
ASTORIA_GT_13 24227	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.43 2.21 0.00	37.05 2.54 0.00	50.06 3.28 0.00	66.01 4.46 0.00	58.86 4.50 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.37 2.63 0.00	44.33 3.13 0.00	58.59 3.44 0.00	75.93 4.08 0.00	76.51 3.83 0.00	66.16 3.06 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
ASTORIA_GT_5 24106	35.71 2.49 0.00	35.30 2.35 0.00	35.98 2.23 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.08 2.57 0.00	50.26 3.48 0.00	66.39 4.84 0.00	59.19 4.83 0.00	35.01 2.92 0.00	30.73 2.40 0.00	30.42 2.25 0.00	30.15 2.27 0.00	33.07 2.54 0.00	36.39 2.65 0.00	44.36 3.16 0.00	58.66 3.50 0.00	76.10 4.25 0.00	76.75 4.08 0.00	66.40 3.30 0.00	54.07 2.63 0.00	53.16 2.71 0.00	49.66 2.36 0.00	40.23 2.05 0.00
ASTORIA_GT_7 24107	35.71 2.49 0.00	35.30 2.35 0.00	35.98 2.23 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.08 2.57 0.00	50.26 3.48 0.00	66.39 4.84 0.00	59.19 4.83 0.00	35.01 2.92 0.00	30.73 2.40 0.00	30.42 2.25 0.00	30.15 2.27 0.00	33.07 2.54 0.00	36.39 2.65 0.00	44.36 3.16 0.00	58.66 3.50 0.00	76.10 4.25 0.00	76.75 4.08 0.00	66.40 3.30 0.00	54.07 2.63 0.00	53.16 2.71 0.00	49.66 2.36 0.00	40.23 2.05 0.00
ASTORIA_GT_8 24108	35.71 2.49 0.00	35.30 2.35 0.00	35.98 2.23 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.08 2.57 0.00	50.26 3.48 0.00	66.39 4.84 0.00	59.19 4.83 0.00	35.01 2.92 0.00	30.73 2.40 0.00	30.42 2.25 0.00	30.15 2.27 0.00	33.07 2.54 0.00	36.39 2.65 0.00	44.36 3.16 0.00	58.66 3.50 0.00	76.10 4.25 0.00	76.75 4.08 0.00	66.40 3.30 0.00	54.07 2.63 0.00	53.16 2.71 0.00	49.66 2.36 0.00	40.23 2.05 0.00
ASTORIA___2 24149	35.66 2.43 0.00	35.24 2.29 0.00	35.92 2.17 0.00	35.64 2.21 0.00	35.39 2.17 0.00	37.02 2.52 0.00	50.16 3.38 0.00	66.27 4.72 0.00	59.07 4.71 0.00	34.94 2.85 0.00	30.67 2.34 0.00	30.36 2.20 0.00	30.09 2.22 0.00	33.01 2.48 0.00	36.33 2.59 0.00	44.28 3.08 0.00	58.55 3.39 0.00	75.96 4.10 0.00	76.60 3.92 0.00	66.28 3.18 0.00	53.97 2.53 0.00	53.08 2.63 0.00	49.59 2.29 0.00	40.16 1.99 0.00
ASTORIA___3 23516	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.44 2.22 0.00	37.05 2.55 0.00	50.05 3.27 0.00	66.01 4.47 0.00	58.84 4.48 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.38 2.64 0.00	44.32 3.13 0.00	58.60 3.44 0.00	75.93 4.07 0.00	76.52 3.84 0.00	66.17 3.07 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
ASTORIA___4 23517	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.43 2.21 0.00	37.05 2.54 0.00	50.06 3.28 0.00	66.01 4.46 0.00	58.86 4.50 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.37 2.63 0.00	44.33 3.13 0.00	58.59 3.44 0.00	75.93 4.08 0.00	76.51 3.83 0.00	66.16 3.06 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
ASTORIA___5 23518	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.44 2.22 0.00	37.05 2.55 0.00	50.05 3.27 0.00	66.01 4.47 0.00	58.84 4.48 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.38 2.64 0.00	44.32 3.13 0.00	58.59 3.44 0.00	75.93 4.07 0.00	76.51 3.83 0.00	66.16 3.06 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
AST_ENERGY_2_CC3 323677	35.66 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.38 2.16 0.00	37.01 2.51 0.00	50.11 3.33 0.00	66.12 4.57 0.00	58.85 4.49 0.00	34.92 2.83 0.00	30.71 2.37 0.00	30.38 2.21 0.00	30.09 2.21 0.00	33.04 2.50 0.00	36.37 2.63 0.00	44.32 3.13 0.00	58.65 3.49 0.00	76.05 4.19 0.00	76.65 3.97 0.00	66.29 3.19 0.00	53.95 2.52 0.00	52.99 2.54 0.00	49.51 2.21 0.00	40.13 1.95 0.00
AST_ENERGY_2_CC4 323678	35.66 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.38 2.16 0.00	37.01 2.51 0.00	50.11 3.33 0.00	66.12 4.57 0.00	58.85 4.49 0.00	34.92 2.83 0.00	30.71 2.37 0.00	30.38 2.21 0.00	30.09 2.21 0.00	33.04 2.50 0.00	36.37 2.63 0.00	44.32 3.13 0.00	58.65 3.49 0.00	76.05 4.19 0.00	76.65 3.97 0.00	66.29 3.19 0.00	53.95 2.52 0.00	52.99 2.54 0.00	49.51 2.21 0.00	40.13 1.95 0.00

ATHENS_STG_1 23668	34.54 1.32 0.00	34.26 1.31 0.00	35.03 1.29 0.00	34.71 1.29 0.00	34.41 1.18 0.00	35.81 1.31 0.00	48.43 1.65 0.00	63.78 2.24 0.00	56.50 2.14 0.00	33.41 1.32 0.00	29.40 1.06 0.00	29.16 1.00 0.00	28.94 1.07 0.00	31.76 1.23 0.00	35.07 1.33 0.00	42.75 1.55 0.00	56.83 1.67 0.00	73.73 1.87 0.00	74.41 1.73 0.00	64.67 1.57 0.00	52.74 1.30 0.00	51.73 1.28 0.00	48.40 1.11 0.00	39.13 0.95 0.00
ATHENS_STG_2 23670	34.54 1.32 0.00	34.26 1.31 0.00	35.03 1.29 0.00	34.71 1.29 0.00	34.41 1.18 0.00	35.81 1.31 0.00	48.43 1.65 0.00	63.78 2.24 0.00	56.50 2.14 0.00	33.41 1.32 0.00	29.40 1.06 0.00	29.16 1.00 0.00	28.94 1.07 0.00	31.76 1.23 0.00	35.07 1.33 0.00	42.75 1.55 0.00	56.83 1.67 0.00	73.73 1.87 0.00	74.41 1.73 0.00	64.67 1.57 0.00	52.74 1.30 0.00	51.73 1.28 0.00	48.40 1.11 0.00	39.13 0.95 0.00
ATHENS_STG_3 23677	34.54 1.32 0.00	34.26 1.31 0.00	35.03 1.29 0.00	34.71 1.29 0.00	34.41 1.18 0.00	35.81 1.31 0.00	48.43 1.65 0.00	63.78 2.24 0.00	56.50 2.14 0.00	33.41 1.32 0.00	29.40 1.06 0.00	29.16 1.00 0.00	28.94 1.07 0.00	31.76 1.23 0.00	35.07 1.33 0.00	42.75 1.55 0.00	56.83 1.67 0.00	73.73 1.87 0.00	74.41 1.73 0.00	64.67 1.57 0.00	52.74 1.30 0.00	51.73 1.28 0.00	48.40 1.11 0.00	39.13 0.95 0.00
AUBURN___LFGE 323710	32.74 -0.48 0.00	32.51 -0.45 0.00	33.17 -0.57 0.00	32.95 -0.47 0.00	32.83 -0.39 0.00	34.21 -0.29 0.00	46.53 -0.25 0.00	61.09 -0.46 0.00	53.60 -0.76 0.00	31.67 -0.42 0.00	27.87 -0.47 0.00	27.66 -0.50 0.00	27.33 -0.55 0.00	29.90 -0.64 0.00	34.11 -0.82 -1.19	42.26 -0.84 -1.90	54.37 -0.79 0.00	71.24 -0.62 0.00	72.18 -0.50 0.00	62.41 -0.68 0.00	50.93 -0.51 0.00	51.88 -0.48 -1.90	49.05 -0.54 -2.29	37.78 -0.39 0.00
BABYLON_RES_REC 323704	35.40 2.17 0.00	34.94 2.04 0.05	35.43 1.89 0.20	34.71 1.96 0.67	34.49 1.82 0.55	36.76 2.26 0.00	49.69 2.92 0.00	65.85 4.31 0.00	58.60 4.24 0.00	34.51 2.41 0.00	30.51 2.18 0.00	30.12 1.95 0.00	29.86 1.98 0.00	32.79 2.25 0.00	36.24 2.50 0.00	44.34 3.15 -2.23	61.04 3.66 0.00	76.28 4.42 0.00	76.78 4.10 0.00	66.42 3.32 0.00	54.13 2.71 0.02	52.94 2.56 0.07	49.43 2.13 0.00	40.16 1.99 0.00
BALL_HILL_WT_PWR 323825	29.56 -3.66 0.00	29.36 -3.60 0.00	30.15 -3.59 0.00	29.95 -3.47 0.00	30.13 -3.09 0.00	31.48 -3.02 0.00	42.90 -3.88 0.00	56.39 -5.16 0.00	50.19 -4.17 0.00	30.21 -1.88 0.00	26.14 -2.19 0.00	25.94 -2.22 0.00	25.16 -2.72 0.00	27.41 -3.13 0.00	26.51 -3.96 3.27	31.53 -4.47 5.19	49.78 -5.38 0.00	64.80 -7.05 0.00	66.49 -6.18 0.00	57.74 -5.35 0.00	46.87 -4.56 0.00	40.79 -4.14 5.52	36.99 -3.66 6.65	35.53 -2.64 0.00
BARON_WINDS___WT_PWR 323822	30.21 -3.02 0.00	30.04 -2.92 0.00	30.76 -2.98 0.00	30.46 -2.96 0.00	30.63 -2.59 0.00	32.08 -2.43 0.00	43.72 -3.06 0.00	57.67 -3.88 0.00	50.74 -3.62 0.00	30.27 -1.83 0.00	26.03 -2.30 0.00	25.72 -2.45 0.00	25.01 -2.87 0.00	27.36 -3.18 0.00	22.91 -4.15 6.68	26.08 -4.63 10.49	49.90 -5.26 0.00	65.36 -6.49 0.01	66.88 -5.80 0.00	58.19 -4.91 0.00	47.06 -4.37 0.00	36.33 -4.02 10.10	31.62 -3.51 12.16	35.74 -2.43 0.00
BARRETT_IC_1 23704	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_10 23701	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_11 23702	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_12 23703	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_2 23705	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_3 23706	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_4 23707	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_5 23708	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00

BARRETT_IC_6 23709	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_7 23710	35.39 2.16 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.36 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.20 3.84 0.00	34.38 2.29 0.00	30.51 2.17 0.00	30.13 1.97 0.00	29.87 2.00 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 2.99 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.89 0.00	53.99 2.55 0.00	52.91 2.45 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_8 23711	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT_IC_9 23700	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT___1 23545	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BARRETT___2 23546	35.39 2.17 0.00	34.98 2.03 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.04 1.82 0.00	36.69 2.19 0.00	49.36 2.57 0.00	65.34 3.79 0.00	58.21 3.84 0.00	34.38 2.28 0.00	30.51 2.17 0.00	30.13 1.96 0.00	29.87 1.99 0.00	32.80 2.27 0.00	36.21 2.47 0.00	44.19 3.00 0.00	60.35 3.17 -2.02	75.52 3.66 0.00	76.02 3.34 0.00	65.99 2.90 0.00	53.99 2.55 0.00	52.91 2.46 0.00	49.35 2.06 0.00	40.06 1.88 0.00
BATAVIA__115KV_TB1 55881	30.45 -2.78 0.00	30.16 -2.79 0.00	30.93 -2.81 0.00	30.65 -2.77 0.00	30.77 -2.45 0.00	32.15 -2.35 0.00	43.78 -3.00 0.00	57.49 -4.06 0.00	50.90 -3.46 0.00	30.38 -1.72 0.00	26.43 -1.90 0.00	26.29 -1.88 0.00	25.48 -2.40 0.00	27.67 -2.87 0.00	27.93 -3.39 2.42	34.01 -3.34 3.85	51.67 -3.49 0.00	67.28 -4.58 0.00	68.69 -3.99 0.00	59.47 -3.63 0.00	48.38 -3.06 0.00	43.76 -2.78 3.91	40.18 -2.41 4.71	36.40 -1.77 0.00
BAYONEEC___CTG1 323682	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BAYONEEC___CTG10 323750	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BAYONEEC___CTG2 323683	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BAYONEEC___CTG3 323684	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BAYONEEC___CTG4 323685	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BAYONEEC___CTG5 323686	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BAYONEEC___CTG6 323687	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BAYONEEC___CTG7 323688	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00

BAYONEEC___CTG8 323689	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BAYONEEC___CTG9 323749	35.66 2.43 0.00	35.26 2.31 0.00	35.93 2.19 0.00	35.64 2.22 0.00	35.37 2.15 0.00	36.99 2.49 0.00	50.09 3.30 0.00	66.08 4.53 0.00	58.81 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.37 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.36 2.62 0.00	44.30 3.11 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.59 3.91 0.00	66.24 3.15 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.48 2.18 0.00	40.11 1.93 0.00
BEACON___LESR 323632	34.63 1.40 0.00	34.30 1.35 0.00	35.07 1.33 0.00	34.69 1.27 0.00	34.40 1.18 0.00	35.75 1.25 0.00	48.31 1.53 0.00	63.31 1.76 0.00	55.18 0.82 0.00	32.64 0.55 0.00	28.83 0.49 0.00	28.65 0.49 0.00	28.54 0.66 0.00	31.35 0.82 0.00	34.96 1.22 0.00	42.56 1.37 0.00	56.73 1.57 0.00	73.72 1.86 0.00	74.34 1.67 0.00	64.89 1.80 0.00	52.81 1.37 0.00	51.76 1.30 0.00	48.47 1.17 0.00	39.04 0.87 0.00
BEAVER RIVER___HYD 24048	32.54 -0.69 0.00	32.23 -0.73 0.00	33.04 -0.71 0.00	32.70 -0.72 0.00	32.58 -0.64 0.00	34.03 -0.47 0.00	46.54 -0.24 0.00	60.99 -0.55 0.00	52.88 -1.48 0.00	30.67 -1.42 0.00	27.01 -1.33 0.00	26.77 -1.40 0.00	26.55 -1.33 0.00	28.92 -1.61 0.00	32.30 -1.44 0.00	40.01 -1.19 0.00	54.37 -0.79 0.00	71.11 -0.75 0.00	72.22 -0.46 0.00	63.34 0.25 0.00	51.65 0.21 0.00	50.60 0.14 0.00	47.61 0.31 0.00	38.38 0.21 0.00
BEEBEE_GT_13 23619	31.08 -2.14 0.00	30.80 -2.15 0.00	31.57 -2.18 0.00	31.28 -2.14 0.00	31.28 -1.94 0.00	32.61 -1.90 0.00	44.33 -2.45 0.00	58.25 -3.29 0.00	51.64 -2.72 0.00	30.85 -1.24 0.00	27.03 -1.30 0.00	26.83 -1.33 0.00	26.26 -1.62 0.00	28.61 -1.93 0.00	29.78 -2.31 1.65	36.21 -2.35 2.63	52.44 -2.72 0.00	68.26 -3.59 0.00	69.47 -3.21 0.00	60.18 -2.92 0.00	48.99 -2.45 0.00	45.49 -2.32 2.65	42.00 -2.11 3.19	36.56 -1.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.94 2.72 0.00	35.54 2.58 0.00	36.21 2.47 0.00	35.94 2.52 0.00	35.66 2.43 0.00	37.29 2.78 0.00	50.45 3.67 0.00	66.52 4.97 0.00	59.31 4.95 0.00	35.20 3.11 0.00	30.94 2.60 0.00	30.60 2.44 0.00	30.31 2.43 0.00	33.28 2.75 0.00	36.62 2.89 0.00	44.65 3.46 0.00	59.01 3.85 0.00	76.47 4.62 0.00	77.15 4.47 0.00	66.77 3.67 0.00	54.35 2.91 0.00	53.46 3.01 0.00	49.96 2.66 0.00	40.48 2.31 0.00
BETHLEHEM___GRP 23843	34.29 1.06 0.00	33.99 1.04 0.00	34.74 1.00 0.00	34.36 0.94 0.00	33.88 0.66 0.00	35.20 0.70 0.00	47.45 0.67 0.00	62.32 0.77 0.00	54.48 0.12 0.00	32.28 0.18 0.00	28.54 0.20 0.00	28.33 0.17 0.00	28.19 0.31 0.00	30.94 0.41 0.00	34.53 0.79 0.00	41.94 0.74 0.00	55.76 0.60 0.00	72.43 0.58 0.00	73.07 0.39 0.00	63.78 0.68 0.00	52.02 0.58 0.00	50.93 0.47 0.00	47.73 0.44 0.00	38.44 0.27 0.00
BETHLEHEM___GS1 323560	34.29 1.06 0.00	33.99 1.04 0.00	34.74 1.00 0.00	34.35 0.94 0.00	33.88 0.66 0.00	35.20 0.70 0.00	47.44 0.66 0.00	62.32 0.77 0.00	54.47 0.10 0.00	32.28 0.19 0.00	28.54 0.20 0.00	28.33 0.17 0.00	28.19 0.31 0.00	30.94 0.41 0.00	34.53 0.79 0.00	41.94 0.75 0.00	55.77 0.61 0.00	72.42 0.57 0.00	73.07 0.39 0.00	63.78 0.68 0.00	52.02 0.58 0.00	50.93 0.47 0.00	47.73 0.44 0.00	38.44 0.27 0.00
BETHLEHEM___GS2 323561	34.29 1.06 0.00	33.99 1.04 0.00	34.74 1.00 0.00	34.35 0.94 0.00	33.88 0.66 0.00	35.20 0.70 0.00	47.44 0.66 0.00	62.32 0.77 0.00	54.47 0.10 0.00	32.28 0.19 0.00	28.54 0.20 0.00	28.33 0.17 0.00	28.19 0.31 0.00	30.94 0.41 0.00	34.53 0.79 0.00	41.94 0.75 0.00	55.77 0.61 0.00	72.42 0.57 0.00	73.07 0.39 0.00	63.78 0.68 0.00	52.02 0.58 0.00	50.93 0.47 0.00	47.73 0.44 0.00	38.44 0.27 0.00
BETHLEHEM___GS3 323562	34.29 1.06 0.00	33.99 1.04 0.00	34.74 1.00 0.00	34.35 0.94 0.00	33.88 0.66 0.00	35.20 0.70 0.00	47.44 0.66 0.00	62.32 0.77 0.00	54.47 0.10 0.00	32.28 0.19 0.00	28.54 0.20 0.00	28.33 0.17 0.00	28.19 0.31 0.00	30.94 0.41 0.00	34.53 0.79 0.00	41.94 0.75 0.00	55.77 0.61 0.00	72.42 0.57 0.00	73.07 0.39 0.00	63.78 0.68 0.00	52.02 0.58 0.00	50.93 0.47 0.00	47.73 0.44 0.00	38.44 0.27 0.00
BETHLEHEM___STEEL 23779	29.57 -3.66 0.00	29.35 -3.60 0.00	30.10 -3.65 0.00	29.83 -3.59 0.00	30.00 -3.23 0.00	31.30 -3.20 0.00	42.58 -4.20 0.00	55.97 -5.58 0.00	49.84 -4.52 0.00	30.08 -2.02 0.00	26.11 -2.22 0.00	25.91 -2.25 0.00	25.12 -2.76 0.00	27.34 -3.20 0.00	26.53 -3.92 3.30	31.67 -4.29 5.24	49.95 -5.21 0.00	64.87 -6.98 0.00	66.43 -6.25 0.00	57.56 -5.53 0.00	46.84 -4.59 0.00	40.91 -4.12 5.42	37.22 -3.55 6.53	35.55 -2.62 0.00
BETHLHEM_115KV_TB1 79974	34.28 1.06 0.00	33.99 1.04 0.00	34.75 1.01 0.00	34.38 0.96 0.00	33.93 0.71 0.00	35.25 0.75 0.00	47.54 0.76 0.00	62.46 0.91 0.00	54.71 0.35 0.00	32.40 0.30 0.00	28.63 0.29 0.00	28.42 0.25 0.00	28.26 0.39 0.00	31.02 0.49 0.00	34.56 0.82 0.00	42.00 0.81 0.00	55.85 0.69 0.00	72.56 0.71 0.00	73.21 0.53 0.00	63.87 0.77 0.00	52.11 0.67 0.00	51.02 0.56 0.00	47.80 0.51 0.00	38.51 0.34 0.00
BETHPAGE_CC_5 323564	35.38 2.15 0.00	34.93 2.01 0.03	35.49 1.85 0.10	34.97 1.90 0.34	34.68 1.73 0.28	36.64 2.13 0.00	49.46 2.68 0.00	65.53 3.98 0.00	58.42 4.06 0.00	34.47 2.38 0.00	30.49 2.15 0.00	30.09 1.92 0.00	29.85 1.97 0.00	32.78 2.25 0.00	36.18 2.44 0.00	44.18 2.98 0.00	60.89 3.36 -2.37	75.86 3.99 0.00	76.37 3.69 0.00	66.13 3.03 0.00	53.92 2.49 0.01	52.84 2.43 0.04	49.35 2.06 0.00	40.07 1.90 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.66 -3.57 0.00	29.43 -3.52 0.00	30.19 -3.55 0.00	29.91 -3.51 0.00	30.09 -3.13 0.00	31.40 -3.11 0.00	42.77 -4.01 0.00	56.46 -5.08 0.00	50.27 -4.09 0.00	30.31 -1.78 0.00	26.28 -2.06 0.00	25.98 -2.19 0.00	25.18 -2.70 0.00	27.41 -3.13 0.00	26.58 -3.82 3.35	31.71 -4.18 5.31	50.11 -5.04 0.00	65.10 -6.76 0.00	66.67 -6.01 0.00	57.78 -5.32 0.00	46.99 -4.44 0.00	40.94 -3.97 5.54	37.18 -3.44 6.67	35.64 -2.54 0.00
BINGHAMTON___COGEN 23790	33.01 -0.22 0.00	32.77 -0.19 0.00	33.55 -0.19 0.00	33.24 -0.18 0.00	33.09 -0.13 0.00	34.47 -0.03 0.00	46.81 0.03 0.00	61.63 0.08 0.00	54.36 0.01 0.00	32.27 0.17 0.00	28.27 -0.06 0.00	28.02 -0.14 0.00	27.63 -0.25 0.00	30.26 -0.28 0.00	32.76 -0.50 0.48	39.96 -0.47 0.77	54.70 -0.46 0.00	71.26 -0.59 0.00	72.20 -0.47 0.00	62.69 -0.41 0.00	50.96 -0.48 0.00	49.26 -0.45 0.74	45.95 -0.46 0.89	37.88 -0.29 0.00

BIXINCNT_115KV_LOAD 355685	29.46 -3.77 0.00	29.18 -3.77 0.00	30.07 -3.67 0.00	29.83 -3.59 0.00	30.09 -3.13 0.00	31.51 -3.00 0.00	43.37 -3.41 0.00	57.54 -4.01 0.00	51.31 -3.05 0.00	30.50 -1.59 0.00	26.04 -2.30 0.00	25.34 -2.83 0.00	24.58 -3.30 0.00	26.85 -3.69 0.00	25.89 -4.30 3.56	30.84 -4.70 5.66	49.43 -5.73 0.00	64.66 -7.20 0.00	66.63 -6.05 0.00	58.07 -5.03 0.00	47.17 -4.27 0.00	40.53 -3.75 6.18	36.75 -3.11 7.43	35.98 -2.19 0.00
BLACK RIVER___HYD 24047	32.19 -1.04 0.00	31.88 -1.07 0.00	32.68 -1.07 0.00	32.35 -1.07 0.00	32.24 -0.98 0.00	33.71 -0.80 0.00	46.21 -0.57 0.00	60.52 -1.03 0.00	52.18 -2.18 0.00	30.07 -2.03 0.00	26.45 -1.89 0.00	26.21 -1.96 0.00	25.99 -1.89 0.00	28.34 -2.19 0.00	31.80 -1.94 0.00	39.69 -1.50 0.00	54.02 -1.13 0.00	70.85 -1.01 0.00	72.02 -0.66 0.00	63.25 0.15 0.00	51.47 0.04 0.00	50.37 -0.09 0.00	47.37 0.08 0.00	38.16 -0.02 0.00
BLACKRVR_115KV_TB2 79977	32.19 -1.04 0.00	31.89 -1.07 0.00	32.68 -1.07 0.00	32.35 -1.07 0.00	32.24 -0.98 0.00	33.71 -0.80 0.00	46.21 -0.57 0.00	60.52 -1.03 0.00	52.18 -2.18 0.00	30.07 -2.03 0.00	26.45 -1.89 0.00	26.21 -1.96 0.00	25.99 -1.89 0.00	28.34 -2.19 0.00	31.79 -1.95 0.00	39.68 -1.51 0.00	54.02 -1.13 0.00	70.85 -1.01 0.00	72.02 -0.66 0.00	63.25 0.15 0.00	51.47 0.03 0.00	50.37 -0.09 0.00	47.37 0.08 0.00	38.16 -0.02 0.00
BLDWN_LI_69_KV_BK4 356085	35.58 2.35 0.00	35.16 2.21 0.00	35.81 2.07 0.00	35.52 2.10 0.00	35.20 1.98 0.00	36.89 2.39 0.00	49.68 2.90 0.00	65.79 4.24 0.00	58.58 4.22 0.00	34.55 2.45 0.00	30.56 2.23 0.00	30.19 2.02 0.00	29.93 2.05 0.00	32.88 2.34 0.00	36.32 2.58 0.00	44.37 3.17 -2.63	61.53 3.74 0.00	76.18 4.32 0.00	76.71 4.03 0.00	66.65 3.55 0.00	54.40 2.96 0.00	53.27 2.82 0.00	49.69 2.39 0.00	40.32 2.14 0.00
BLISS_WT_PWR 323608	29.20 -4.03 0.00	28.92 -4.03 0.00	29.83 -3.91 0.00	29.59 -3.83 0.00	29.86 -3.36 0.00	31.33 -3.18 0.00	43.21 -3.57 0.00	57.38 -4.17 0.00	51.24 -3.12 0.00	30.36 -1.74 0.00	25.81 -2.53 0.00	25.00 -3.17 0.00	24.25 -3.63 0.00	26.51 -4.03 0.00	25.54 -4.64 3.56	30.41 -5.13 5.66	48.94 -6.21 0.00	64.14 -7.72 0.00	66.24 -6.43 0.00	57.86 -5.24 0.00	47.01 -4.43 0.00	40.40 -3.88 6.18	36.68 -3.19 7.43	35.96 -2.21 0.00
BLUESTONE___WT_PWR 323821	32.00 -1.23 0.00	31.84 -1.11 0.00	32.54 -1.20 0.00	32.24 -1.18 0.00	32.28 -0.94 0.00	33.57 -0.94 0.00	45.82 -0.96 0.00	60.59 -0.95 0.00	53.40 -0.96 0.00	31.48 -0.61 0.00	27.42 -0.91 0.00	26.89 -1.28 0.00	26.50 -1.38 0.00	29.10 -1.43 0.00	33.59 -1.60 -1.45	41.95 -1.56 -2.31	53.92 -1.24 0.00	70.89 -0.96 0.00	71.90 -0.78 0.00	62.51 -0.59 0.00	50.40 -1.04 0.00	51.93 -0.86 -2.33	50.30 0.20 -2.81	38.05 -0.13 0.00
BLUE_CIRC_CHEM_DRP 24182	34.40 1.17 0.00	34.13 1.18 0.00	34.92 1.17 0.00	34.56 1.14 0.00	34.21 0.99 0.00	35.53 1.03 0.00	47.96 1.18 0.00	62.97 1.42 0.00	55.29 0.93 0.00	32.66 0.57 0.00	28.83 0.49 0.00	28.62 0.46 0.00	28.43 0.55 0.00	31.21 0.67 0.00	34.65 0.91 0.00	42.25 1.06 0.00	56.31 1.15 0.00	73.15 1.29 0.00	73.83 1.15 0.00	64.39 1.29 0.00	52.52 1.08 0.00	51.44 0.99 0.00	48.22 0.92 0.00	38.88 0.71 0.00
BOC_GAS_DRP 24189	34.21 0.98 0.00	33.93 0.98 0.00	34.70 0.96 0.00	34.36 0.93 0.00	34.01 0.79 0.00	35.36 0.85 0.00	47.74 0.96 0.00	62.80 1.25 0.00	55.41 1.05 0.00	32.77 0.68 0.00	28.89 0.55 0.00	28.67 0.50 0.00	28.48 0.60 0.00	31.25 0.71 0.00	34.60 0.86 0.00	42.13 0.93 0.00	56.05 0.89 0.00	72.78 0.93 0.00	73.46 0.78 0.00	64.01 0.91 0.00	52.21 0.77 0.00	51.17 0.72 0.00	47.95 0.65 0.00	38.67 0.50 0.00
BOONVILLE_115KV_TB1 79983	33.28 0.05 0.00	32.99 0.04 0.00	33.80 0.06 0.00	33.52 0.09 0.00	33.35 0.13 0.00	34.80 0.29 0.00	47.40 0.61 0.00	62.18 0.64 0.00	54.34 -0.02 0.00	31.78 -0.31 0.00	28.02 -0.32 0.00	27.84 -0.33 0.00	27.62 -0.26 0.00	30.14 -0.40 0.00	33.40 -0.34 0.00	41.11 -0.09 0.00	55.54 0.38 0.00	72.53 0.67 0.00	73.48 0.80 0.00	64.15 1.05 0.00	52.27 0.83 0.00	51.18 0.73 0.00	48.01 0.71 0.00	38.71 0.54 0.00
BORALEX_4TH_BRANCH 23824	34.96 1.74 0.00	34.61 1.65 0.00	35.34 1.60 0.00	34.98 1.56 0.00	34.76 1.54 0.00	36.12 1.62 0.00	48.25 1.47 0.00	63.53 1.98 0.00	56.13 1.77 0.00	33.12 1.03 0.00	29.09 0.75 0.00	28.83 0.66 0.00	28.93 1.06 0.00	31.76 1.23 0.00	35.30 1.56 0.00	42.67 1.48 0.00	56.46 1.30 0.00	73.41 1.56 0.00	73.98 1.30 0.00	64.74 1.64 0.00	52.79 1.35 0.00	51.48 1.03 0.00	48.48 1.18 0.00	39.16 0.99 0.00
BOWLINE___1 23526	35.30 2.08 0.00	34.93 1.97 0.00	35.60 1.86 0.00	35.33 1.91 0.00	35.06 1.84 0.00	36.66 2.15 0.00	49.72 2.93 0.00	65.53 3.98 0.00	58.18 3.81 0.00	34.41 2.32 0.00	30.22 1.89 0.00	29.89 1.72 0.00	29.60 1.73 0.00	32.52 1.98 0.00	35.84 2.10 0.00	43.68 2.49 0.00	57.94 2.79 0.00	75.29 3.44 0.00	75.97 3.29 0.00	65.74 2.64 0.00	53.52 2.08 0.00	52.54 2.09 0.00	49.06 1.76 0.00	39.75 1.57 0.00
BOWLINE___2 23595	35.30 2.07 0.00	34.92 1.97 0.00	35.60 1.86 0.00	35.33 1.91 0.00	35.06 1.84 0.00	36.65 2.15 0.00	49.70 2.92 0.00	65.51 3.97 0.00	58.16 3.80 0.00	34.40 2.31 0.00	30.22 1.88 0.00	29.88 1.71 0.00	29.60 1.72 0.00	32.51 1.97 0.00	35.83 2.09 0.00	43.68 2.49 0.00	57.92 2.77 0.00	75.26 3.41 0.00	75.94 3.27 0.00	65.72 2.62 0.00	53.52 2.07 0.00	52.52 2.07 0.00	49.03 1.74 0.00	39.74 1.57 0.00
BRADY___115KV_TB2 356060	34.18 0.96 0.00	33.85 0.90 0.00	34.73 0.99 0.00	34.36 0.94 0.00	34.27 1.05 0.00	35.60 1.10 0.00	48.48 1.70 0.00	63.73 2.19 0.00	55.83 1.46 0.00	32.67 0.58 0.00	28.79 0.46 0.00	28.56 0.39 0.00	28.22 0.34 0.00	30.99 0.46 0.00	34.40 0.66 0.00	42.10 0.90 0.00	56.86 1.70 0.00	74.50 2.65 0.00	75.51 2.83 0.00	65.24 2.15 0.00	53.20 1.76 0.00	52.24 1.79 0.00	49.16 1.86 0.00	39.62 1.45 0.00
BRANSCOMB___SOLAR 323811	34.80 1.57 0.00	34.46 1.51 0.00	35.22 1.48 0.00	34.86 1.44 0.00	34.64 1.42 0.00	36.08 1.57 0.00	48.59 1.80 0.00	63.86 2.31 0.00	55.98 1.61 0.00	32.86 0.76 0.00	28.89 0.55 0.00	28.70 0.53 0.00	28.68 0.80 0.00	31.43 0.90 0.00	34.96 1.23 0.00	42.67 1.48 0.00	57.04 1.89 0.00	74.31 2.45 0.00	74.98 2.30 0.00	65.44 2.35 0.00	53.28 1.84 0.00	52.06 1.61 0.00	48.93 1.63 0.00	39.47 1.30 0.00
BRDGHMPT_69_KV_BK1 55812	17.39 1.08 16.91	4.43 0.94 29.46	10.83 0.74 23.64	19.49 0.79 14.72	21.89 0.75 12.07	35.88 1.37 0.00	48.67 1.89 0.00	62.40 3.22 2.37	5.73 3.24 51.87	-14.05 1.84 47.98	-7.07 1.63 37.03	-17.83 1.26 47.26	-2.66 1.34 31.87	0.39 1.53 31.68	6.15 1.67 29.25	23.91 2.16 19.44	28.68 2.39 28.87	25.62 3.01 49.24	41.48 2.50 33.70	65.46 2.36 0.00	52.94 1.97 0.47	50.93 1.99 1.51	49.19 1.89 0.00	39.67 1.53 0.03

BRENTWOD_69_KV_W. BRTWOOD 56703	35.42 2.20 0.00	34.89 2.05 0.11	35.25 1.95 0.44	34.07 2.13 1.48	33.96 1.95 1.22	36.91 2.41 0.00	49.93 3.15 0.00	66.18 4.63 0.00	58.70 4.34 0.00	34.58 2.49 0.00	30.58 2.25 0.00	30.18 2.01 0.00	29.92 2.05 0.00	32.87 2.33 0.00	36.35 2.61 0.00	44.46 3.27 0.00	61.08 3.89 -2.03	76.55 4.69 0.00	77.03 4.36 0.00	66.66 3.57 0.00	54.30 2.90 0.05	53.02 2.72 0.15	49.55 2.26 0.00	40.25 2.08 0.00
BRISTLHL_115KV_TB1 79998	32.12 -1.10 0.00	31.87 -1.08 0.00	32.63 -1.11 0.00	32.33 -1.08 0.00	32.16 -1.06 0.00	33.41 -1.10 0.00	45.39 -1.39 0.00	59.72 -1.83 0.00	52.66 -1.70 0.00	31.11 -0.98 0.00	27.42 -0.91 0.00	27.23 -0.94 0.00	26.92 -0.95 0.00	29.46 -1.08 0.00	32.48 -1.26 0.00	39.86 -1.34 0.00	53.49 -1.67 0.00	69.66 -2.20 0.00	70.50 -2.18 0.00	61.27 -1.83 0.00	49.89 -1.55 0.00	48.93 -1.52 0.00	45.83 -1.47 0.00	36.97 -1.20 0.00
BROOKHAVEN___DRP 24191	18.55 1.55 16.23	6.03 1.41 28.33	12.10 1.24 22.88	19.95 1.27 14.74	22.25 1.12 12.09	36.11 1.61 0.00	48.82 2.04 0.00	62.49 3.21 2.27	7.90 3.34 49.80	-12.03 1.94 46.06	-5.36 1.85 35.55	-15.56 1.64 45.37	-1.04 1.68 30.60	2.03 1.91 30.42	7.74 2.08 28.08	25.12 2.58 18.66	30.37 2.84 27.64	27.81 3.23 47.27	43.15 2.82 32.35	65.15 2.06 0.00	52.68 1.71 0.47	50.51 1.57 1.52	48.59 1.29 0.00	39.45 1.31 0.03
BROOKLYN_NAVY_YARD 23515	35.60 2.37 0.00	35.21 2.26 0.00	35.88 2.14 0.00	35.57 2.15 0.00	35.28 2.06 0.00	36.93 2.42 0.00	50.02 3.24 0.00	66.00 4.46 0.00	58.76 4.40 0.00	34.90 2.81 0.00	30.68 2.35 0.00	30.36 2.19 0.00	30.07 2.20 0.00	33.02 2.48 0.00	36.36 2.62 0.00	44.29 3.10 0.00	58.58 3.42 0.00	75.96 4.10 0.00	76.53 3.85 0.00	66.20 3.10 0.00	53.86 2.42 0.00	52.90 2.45 0.00	49.41 2.11 0.00	40.03 1.86 0.00
BROOKLYN___ARMY_DRP 323595	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
BROOME_2_LFGE 323671	33.01 -0.22 0.00	32.77 -0.18 0.00	33.54 -0.20 0.00	33.24 -0.18 0.00	33.09 -0.13 0.00	34.47 -0.03 0.00	46.81 0.03 0.00	61.63 0.08 0.00	54.39 0.03 0.00	32.26 0.17 0.00	28.27 -0.06 0.00	28.03 -0.14 0.00	27.63 -0.25 0.00	30.26 -0.28 0.00	32.75 -0.51 0.48	39.95 -0.47 0.77	54.70 -0.45 0.00	71.26 -0.60 0.00	72.21 -0.47 0.00	62.69 -0.41 0.00	50.95 -0.48 0.00	49.25 -0.46 0.74	45.95 -0.46 0.89	37.88 -0.29 0.00
BROOME___LFGE 323600	33.01 -0.22 0.00	32.77 -0.18 0.00	33.54 -0.20 0.00	33.24 -0.18 0.00	33.09 -0.13 0.00	34.47 -0.03 0.00	46.81 0.03 0.00	61.63 0.08 0.00	54.39 0.03 0.00	32.26 0.17 0.00	28.27 -0.06 0.00	28.03 -0.14 0.00	27.63 -0.25 0.00	30.26 -0.28 0.00	32.75 -0.51 0.48	39.95 -0.47 0.77	54.70 -0.45 0.00	71.26 -0.60 0.00	72.21 -0.47 0.00	62.69 -0.41 0.00	50.95 -0.48 0.00	49.25 -0.46 0.74	45.95 -0.46 0.89	37.88 -0.29 0.00
BROWNFLS_115KV_TB_3_5 80003	33.09 -0.13 0.00	32.77 -0.18 0.00	33.61 -0.14 0.00	33.19 -0.23 0.00	33.09 -0.13 0.00	34.46 -0.04 0.00	47.02 0.24 0.00	61.73 0.19 0.00	53.85 -0.50 0.00	31.43 -0.66 0.00	27.68 -0.66 0.00	27.43 -0.74 0.00	27.10 -0.78 0.00	29.62 -0.92 0.00	32.98 -0.76 0.00	40.65 -0.55 0.00	55.01 -0.15 0.00	71.87 0.01 0.00	72.94 0.26 0.00	63.56 0.47 0.00	51.86 0.42 0.00	50.96 0.51 0.00	48.03 0.74 0.00	38.72 0.55 0.00
BROWNSV1_27_KV_LOAD 356125	35.92 2.70 0.00	35.52 2.56 0.00	36.18 2.44 0.00	35.89 2.47 0.00	35.62 2.39 0.00	37.27 2.76 0.00	50.49 3.72 0.00	66.66 5.11 0.00	59.34 4.98 0.00	35.22 3.12 0.00	30.96 2.62 0.00	30.63 2.46 0.00	30.33 2.45 0.00	33.30 2.77 0.00	36.65 2.91 0.00	44.69 3.49 0.00	59.15 4.00 0.00	76.73 4.87 0.00	77.35 4.67 0.00	66.90 3.80 0.00	54.44 3.00 0.00	53.46 3.01 0.00	49.93 2.63 0.00	40.45 2.28 0.00
BURROWS___LYONSDAL 23803	33.01 -0.22 0.00	32.71 -0.24 0.00	33.53 -0.21 0.00	33.24 -0.18 0.00	33.10 -0.13 0.00	34.54 0.04 0.00	47.10 0.31 0.00	61.74 0.20 0.00	53.88 -0.47 0.00	31.46 -0.63 0.00	27.71 -0.62 0.00	27.51 -0.65 0.00	27.30 -0.57 0.00	29.78 -0.76 0.00	33.07 -0.67 0.00	40.74 -0.46 0.00	55.15 -0.01 0.00	72.02 0.16 0.00	73.00 0.32 0.00	63.86 0.76 0.00	52.06 0.62 0.00	50.99 0.53 0.00	47.86 0.56 0.00	38.60 0.42 0.00
CAITHNESS_CC_1 323624	18.61 1.62 16.24	6.10 1.48 28.34	12.17 1.31 22.89	20.01 1.35 14.75	22.32 1.20 12.10	36.18 1.67 0.00	48.88 2.10 0.00	62.57 3.30 2.28	7.97 3.42 49.81	-11.98 2.00 46.07	-5.34 1.88 35.56	-15.54 1.66 45.37	-1.02 1.71 30.60	2.06 1.94 30.42	7.77 2.12 28.09	25.15 2.62 18.66	30.41 2.89 27.64	27.87 3.29 47.28	43.21 2.89 32.35	65.20 2.10 0.00	52.71 1.74 0.47	50.54 1.60 1.52	48.64 1.34 0.00	39.49 1.34 0.03
CALPINE BETH_PAGE_GT4 24209	35.36 2.13 0.00	34.95 2.00 0.00	35.59 1.85 0.00	35.32 1.90 0.00	34.97 1.75 0.00	36.65 2.15 0.00	49.50 2.72 0.00	65.54 4.00 0.00	58.41 4.05 0.00	34.46 2.37 0.00	30.48 2.14 0.00	30.07 1.90 0.00	29.84 1.96 0.00	32.78 2.24 0.00	36.18 2.44 0.00	44.18 2.98 0.00	61.05 3.38 -2.52	75.90 4.04 0.00	76.41 3.73 0.00	66.17 3.07 0.00	53.98 2.54 0.00	52.89 2.44 0.00	49.36 2.06 0.00	40.07 1.90 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.36 2.14 0.00	34.96 2.01 0.00	35.59 1.85 0.00	35.31 1.89 0.00	34.98 1.75 0.00	36.65 2.15 0.00	49.50 2.72 0.00	65.55 4.00 0.00	58.40 4.04 0.00	34.46 2.37 0.00	30.48 2.14 0.00	30.06 1.89 0.00	29.84 1.96 0.00	32.78 2.24 0.00	36.18 2.44 0.00	44.18 2.98 0.00	61.06 3.38 -2.52	75.90 4.04 0.00	76.40 3.73 0.00	66.17 3.07 0.00	53.98 2.54 0.00	52.89 2.44 0.00	49.36 2.06 0.00	40.07 1.90 0.00
CALPINE_BP_GT1 23823	35.36 2.14 0.00	34.96 2.01 0.00	35.59 1.85 0.00	35.31 1.89 0.00	34.98 1.75 0.00	36.65 2.15 0.00	49.50 2.72 0.00	65.55 4.00 0.00	58.40 4.04 0.00	34.46 2.37 0.00	30.48 2.14 0.00	30.06 1.89 0.00	29.84 1.96 0.00	32.78 2.24 0.00	36.18 2.44 0.00	44.18 2.98 0.00	61.06 3.38 -2.52	75.90 4.04 0.00	76.40 3.73 0.00	66.17 3.07 0.00	53.98 2.54 0.00	52.89 2.44 0.00	49.36 2.06 0.00	40.07 1.90 0.00
CALSPAN___DRP 24200	29.57 -3.66 0.00	29.35 -3.60 0.00	30.10 -3.65 0.00	29.83 -3.59 0.00	30.00 -3.23 0.00	31.30 -3.20 0.00	42.58 -4.20 0.00	55.97 -5.58 0.00	49.84 -4.52 0.00	30.08 -2.02 0.00	26.11 -2.22 0.00	25.91 -2.25 0.00	25.12 -2.76 0.00	27.34 -3.20 0.00	26.53 -3.92 3.30	31.67 -4.29 5.24	49.95 -5.21 0.00	64.87 -6.98 0.00	66.43 -6.25 0.00	57.56 -5.53 0.00	46.84 -4.59 0.00	40.91 -4.12 5.42	37.22 -3.55 6.53	35.55 -2.62 0.00

CALVERTON___SOLAR 323806	19.64 1.49 15.08	7.90 1.34 26.40	13.34 1.17 21.57	19.87 1.20 14.74	22.20 1.07 12.09	36.07 1.57 0.00	48.76 1.98 0.00	62.59 3.16 2.11	11.36 3.25 46.26	-8.80 1.89 42.78	-2.88 1.81 33.02	-12.39 1.58 42.14	1.10 1.64 28.42	4.15 1.86 28.25	9.70 2.04 26.09	26.40 2.54 17.33	32.45 2.82 25.53	31.15 3.20 43.91	45.42 2.79 30.05	65.17 2.07 0.00	52.67 1.70 0.47	50.52 1.58 1.52	48.62 1.32 0.00	39.45 1.31 0.03
CANDIGU_WT_PWR 323617	30.21 -3.02 0.00	30.04 -2.92 0.00	30.76 -2.98 0.00	30.46 -2.96 0.00	30.63 -2.59 0.00	32.08 -2.43 0.00	43.72 -3.06 0.00	57.67 -3.88 0.00	50.74 -3.62 0.00	30.27 -1.83 0.00	26.03 -2.30 0.00	25.72 -2.45 0.00	25.01 -2.87 0.00	27.36 -3.18 0.00	22.91 -4.15 6.68	26.08 -4.63 10.49	49.90 -5.26 0.00	65.36 -6.49 0.01	66.88 -5.80 0.00	58.19 -4.91 0.00	47.06 -4.37 0.00	36.33 -4.02 10.10	31.62 -3.51 12.16	35.74 -2.43 0.00
CARR STREET_E_SYR 24060	32.37 -0.85 0.00	32.13 -0.82 0.00	32.90 -0.84 0.00	32.60 -0.82 0.00	32.42 -0.80 0.00	33.76 -0.74 0.00	45.81 -0.97 0.00	60.24 -1.30 0.00	53.14 -1.22 0.00	31.43 -0.67 0.00	27.68 -0.66 0.00	27.49 -0.68 0.00	27.16 -0.71 0.00	29.73 -0.81 0.00	32.77 -0.97 0.00	40.18 -1.01 0.00	53.89 -1.27 0.00	70.22 -1.63 0.00	71.07 -1.61 0.00	61.74 -1.36 0.00	50.25 -1.19 0.00	49.30 -1.16 0.00	46.16 -1.14 0.00	37.26 -0.92 0.00
CARTHAGE___PAPER 23857	32.63 -0.60 0.00	32.31 -0.64 0.00	33.12 -0.62 0.00	32.79 -0.63 0.00	32.67 -0.56 0.00	34.16 -0.34 0.00	46.79 0.00 0.00	61.27 -0.28 0.00	52.92 -1.44 0.00	30.55 -1.54 0.00	26.89 -1.45 0.00	26.69 -1.48 0.00	26.46 -1.41 0.00	28.80 -1.73 0.00	32.24 -1.50 0.00	40.14 -1.05 0.00	54.67 -0.49 0.00	71.58 -0.28 0.00	72.78 0.11 0.00	63.85 0.75 0.00	52.02 0.58 0.00	50.90 0.45 0.00	47.89 0.60 0.00	38.59 0.41 0.00
CASSADAGA_WT_PWR 323784	29.04 -4.19 0.00	28.92 -4.03 0.00	29.95 -3.79 0.00	30.01 -3.41 0.00	30.24 -2.98 0.00	31.76 -2.74 0.00	43.39 -3.39 0.00	57.25 -4.29 0.00	51.17 -3.19 0.00	30.47 -1.63 0.00	25.92 -2.42 0.00	25.61 -2.56 0.00	24.86 -3.02 0.00	27.18 -3.36 0.00	25.85 -4.44 3.45	30.65 -5.06 5.49	49.42 -5.74 0.00	64.70 -7.15 0.00	66.65 -6.03 0.00	57.76 -5.34 0.00	46.77 -4.67 0.00	40.44 -3.94 6.08	36.50 -3.48 7.32	35.74 -2.44 0.00
CE_DUNWOOD___DRP 24194	35.40 2.18 0.00	35.03 2.08 0.00	35.70 1.96 0.00	35.43 2.01 0.00	35.16 1.94 0.00	36.75 2.25 0.00	49.81 3.03 0.00	65.69 4.14 0.00	58.39 4.03 0.00	34.58 2.48 0.00	30.39 2.05 0.00	30.06 1.90 0.00	29.77 1.89 0.00	32.70 2.16 0.00	36.03 2.29 0.00	43.92 2.73 0.00	58.21 3.05 0.00	75.56 3.71 0.00	76.20 3.52 0.00	65.96 2.86 0.00	53.71 2.27 0.00	52.72 2.27 0.00	49.24 1.94 0.00	39.89 1.72 0.00
CE_MILLWOOD___DRP 24193	35.36 2.14 0.00	34.99 2.03 0.00	35.67 1.93 0.00	35.39 1.97 0.00	35.11 1.89 0.00	36.71 2.20 0.00	49.75 2.97 0.00	65.60 4.05 0.00	58.29 3.93 0.00	34.52 2.42 0.00	30.33 2.00 0.00	30.00 1.83 0.00	29.71 1.83 0.00	32.64 2.10 0.00	35.96 2.22 0.00	43.84 2.64 0.00	58.11 2.96 0.00	75.47 3.61 0.00	76.12 3.44 0.00	65.89 2.79 0.00	53.65 2.21 0.00	52.66 2.21 0.00	49.19 1.89 0.00	39.83 1.66 0.00
CE_NYC2_DRP 24202	35.71 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.43 2.21 0.00	37.05 2.54 0.00	50.07 3.29 0.00	66.05 4.50 0.00	58.86 4.50 0.00	34.97 2.88 0.00	30.74 2.41 0.00	30.42 2.25 0.00	30.13 2.25 0.00	33.08 2.54 0.00	36.38 2.64 0.00	44.35 3.16 0.00	58.61 3.45 0.00	75.97 4.11 0.00	76.56 3.88 0.00	66.20 3.11 0.00	53.88 2.44 0.00	52.97 2.52 0.00	49.53 2.24 0.00	40.18 2.00 0.00
CE_NYC_DRP 24195	35.69 2.47 0.00	35.30 2.35 0.00	35.97 2.22 0.00	35.67 2.25 0.00	35.40 2.18 0.00	37.03 2.52 0.00	50.16 3.37 0.00	66.19 4.65 0.00	58.91 4.55 0.00	34.98 2.88 0.00	30.76 2.42 0.00	30.43 2.26 0.00	30.13 2.25 0.00	33.09 2.56 0.00	36.43 2.69 0.00	44.38 3.19 0.00	58.74 3.58 0.00	76.17 4.32 0.00	76.75 4.07 0.00	66.38 3.28 0.00	54.02 2.58 0.00	53.05 2.60 0.00	49.55 2.25 0.00	40.16 1.99 0.00
CHAFFEE___LFGE 323603	29.74 -3.48 0.00	29.52 -3.43 0.00	30.26 -3.48 0.00	29.99 -3.43 0.00	30.14 -3.08 0.00	31.48 -3.02 0.00	42.88 -3.90 0.00	56.40 -5.15 0.00	50.18 -4.18 0.00	30.27 -1.83 0.00	26.29 -2.05 0.00	26.09 -2.08 0.00	25.29 -2.59 0.00	27.54 -3.00 0.00	26.62 -3.69 3.43	31.70 -4.06 5.45	50.34 -4.81 0.00	65.32 -6.54 0.00	66.90 -5.78 0.00	57.95 -5.15 0.00	47.11 -4.33 0.00	40.80 -3.85 5.81	36.92 -3.39 6.99	35.67 -2.50 0.00
CHATEAUG_35_KV_LOAD 355732	32.63 -0.60 0.00	32.34 -0.62 0.00	33.23 -0.51 0.00	32.87 -0.55 0.00	32.82 -0.40 0.00	34.11 -0.39 0.00	46.32 -0.46 0.00	61.05 -0.50 0.00	53.90 -0.46 0.00	31.71 -0.38 0.00	27.97 -0.36 0.00	27.72 -0.45 0.00	27.34 -0.53 0.00	29.88 -0.66 0.00	33.11 -0.63 0.00	40.51 -0.69 0.00	54.88 -0.27 0.00	72.10 0.24 0.00	73.23 0.55 0.00	63.30 0.20 0.00	51.67 0.23 0.00	50.75 0.30 0.00	47.81 0.51 0.00	38.61 0.43 0.00
CHATEAUG_WT_PWR 323614	32.60 -0.62 0.00	32.31 -0.65 0.00	33.20 -0.54 0.00	32.86 -0.56 0.00	32.79 -0.43 0.00	34.07 -0.43 0.00	46.24 -0.55 0.00	60.93 -0.62 0.00	53.84 -0.51 0.00	31.73 -0.37 0.00	27.99 -0.35 0.00	27.73 -0.44 0.00	27.37 -0.51 0.00	29.90 -0.64 0.00	33.13 -0.61 0.00	40.53 -0.66 0.00	54.81 -0.34 0.00	71.91 0.06 0.00	73.00 0.33 0.00	63.13 0.04 0.00	51.52 0.09 0.00	50.61 0.16 0.00	47.68 0.39 0.00	38.52 0.35 0.00
CHAT_HIGH_FALL_HYD 323578	32.63 -0.60 0.00	32.34 -0.62 0.00	33.23 -0.51 0.00	32.87 -0.55 0.00	32.82 -0.40 0.00	34.11 -0.39 0.00	46.32 -0.46 0.00	61.05 -0.50 0.00	53.90 -0.46 0.00	31.71 -0.38 0.00	27.97 -0.36 0.00	27.72 -0.45 0.00	27.34 -0.53 0.00	29.88 -0.66 0.00	33.11 -0.63 0.00	40.51 -0.69 0.00	54.88 -0.27 0.00	72.10 0.24 0.00	73.23 0.55 0.00	63.30 0.20 0.00	51.67 0.23 0.00	50.75 0.30 0.00	47.81 0.51 0.00	38.61 0.43 0.00
CHAUTAUQUA___LFGE 323629	29.57 -3.66 0.00	29.38 -3.57 0.00	30.24 -3.50 0.00	30.10 -3.32 0.00	30.32 -2.90 0.00	31.75 -2.76 0.00	43.33 -3.45 0.00	56.97 -4.58 0.00	50.67 -3.69 0.00	30.43 -1.66 0.00	26.21 -2.12 0.00	26.01 -2.16 0.00	25.22 -2.66 0.00	27.51 -3.03 0.00	26.41 -3.97 3.36	31.34 -4.51 5.34	49.83 -5.33 0.00	65.02 -6.83 0.00	66.85 -5.83 0.00	58.09 -5.01 0.00	47.06 -4.38 0.00	40.73 -3.94 5.79	36.83 -3.50 6.96	35.71 -2.47 0.00
CHERRYST_13_KV_LD 356241	35.77 2.54 0.00	35.37 2.42 0.00	36.04 2.30 0.00	35.75 2.33 0.00	35.48 2.25 0.00	37.12 2.62 0.00	50.29 3.51 0.00	66.38 4.83 0.00	59.09 4.73 0.00	35.08 2.99 0.00	30.85 2.51 0.00	30.52 2.35 0.00	30.23 2.35 0.00	33.19 2.65 0.00	36.53 2.79 0.00	44.52 3.32 0.00	58.93 3.77 0.00	76.39 4.54 0.00	76.97 4.30 0.00	66.55 3.45 0.00	54.16 2.72 0.00	53.18 2.73 0.00	49.67 2.37 0.00	40.25 2.07 0.00

CHESTROR_138KV_BK263 355645	35.19 1.96 0.00	34.83 1.88 0.00	35.53 1.79 0.00	35.25 1.83 0.00	34.98 1.76 0.00	36.55 2.05 0.00	49.56 2.77 0.00	65.30 3.76 0.00	57.91 3.55 0.00	34.23 2.14 0.00	30.03 1.69 0.00	29.67 1.50 0.00	29.38 1.50 0.00	32.25 1.72 0.00	35.57 1.83 0.00	43.41 2.22 0.00	57.69 2.53 0.00	74.98 3.13 0.00	75.68 3.00 0.00	65.55 2.46 0.00	53.38 1.94 0.00	52.40 1.95 0.00	48.94 1.65 0.00	39.62 1.45 0.00
CH_MIDHUDSON___DRP 24192	35.29 2.07 0.00	34.93 1.98 0.00	35.64 1.90 0.00	35.34 1.92 0.00	35.07 1.85 0.00	36.64 2.13 0.00	49.62 2.84 0.00	65.43 3.88 0.00	58.08 3.72 0.00	34.35 2.26 0.00	30.19 1.85 0.00	29.89 1.72 0.00	29.62 1.74 0.00	32.50 1.96 0.00	35.85 2.10 0.00	43.71 2.52 0.00	58.03 2.88 0.00	75.38 3.52 0.00	76.05 3.37 0.00	65.91 2.81 0.00	53.69 2.25 0.00	52.69 2.23 0.00	49.23 1.94 0.00	39.82 1.65 0.00
CH_MISC_IPPS 23765	35.49 2.26 0.00	35.12 2.17 0.00	35.82 2.08 0.00	35.53 2.11 0.00	35.27 2.05 0.00	36.86 2.35 0.00	49.97 3.19 0.00	65.85 4.30 0.00	58.43 4.07 0.00	34.54 2.45 0.00	30.34 2.01 0.00	30.02 1.86 0.00	29.73 1.85 0.00	32.64 2.10 0.00	36.01 2.27 0.00	43.98 2.78 0.00	58.42 3.26 0.00	75.89 4.03 0.00	76.58 3.90 0.00	66.36 3.26 0.00	54.03 2.59 0.00	53.02 2.57 0.00	49.52 2.23 0.00	40.05 1.88 0.00
CH_RES_BVR_FALLS 23983	32.69 -0.54 0.00	32.35 -0.60 0.00	33.17 -0.57 0.00	32.90 -0.52 0.00	32.81 -0.41 0.00	34.13 -0.38 0.00	46.40 -0.38 0.00	60.98 -0.56 0.00	53.80 -0.56 0.00	31.59 -0.51 0.00	27.78 -0.56 0.00	27.55 -0.62 0.00	27.26 -0.61 0.00	29.89 -0.65 0.00	33.14 -0.59 0.00	40.46 -0.73 0.00	54.33 -0.82 0.00	70.81 -1.05 0.00	71.87 -0.81 0.00	62.46 -0.64 0.00	51.11 -0.33 0.00	50.19 -0.27 0.00	47.01 -0.28 0.00	37.99 -0.18 0.00
CH_RES_NIAGARA 23895	28.03 -5.20 0.00	27.76 -5.19 0.00	28.49 -5.26 0.00	28.20 -5.22 0.00	28.33 -4.89 0.00	29.52 -4.99 0.00	40.01 -6.78 0.00	52.44 -9.11 0.00	46.85 -7.51 0.00	28.40 -3.69 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.67 0.00	25.70 -5.18 2.86	30.96 -5.69 4.55	47.38 -7.77 0.00	61.42 -10.44 0.00	62.80 -9.88 0.00	54.45 -8.64 0.00	44.41 -7.03 0.00	39.57 -6.22 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
CH_RES_SYRACUSE 23985	32.58 -0.64 0.00	32.33 -0.62 0.00	33.09 -0.65 0.00	32.81 -0.61 0.00	32.64 -0.58 0.00	33.99 -0.51 0.00	46.16 -0.62 0.00	60.66 -0.89 0.00	53.41 -0.95 0.00	31.56 -0.53 0.00	27.80 -0.53 0.00	27.63 -0.54 0.00	27.30 -0.57 0.00	29.89 -0.65 0.00	32.93 -0.81 0.00	40.38 -0.81 0.00	54.24 -0.91 0.00	70.73 -1.12 0.00	71.59 -1.08 0.00	62.15 -0.95 0.00	50.60 -0.84 0.00	49.63 -0.82 0.00	46.46 -0.83 0.00	37.50 -0.68 0.00
CLINTON_WT_PWR 323605	32.60 -0.62 0.00	32.31 -0.65 0.00	33.20 -0.54 0.00	32.86 -0.56 0.00	32.79 -0.43 0.00	34.07 -0.43 0.00	46.24 -0.55 0.00	60.93 -0.62 0.00	53.84 -0.51 0.00	31.73 -0.37 0.00	27.99 -0.35 0.00	27.73 -0.44 0.00	27.37 -0.51 0.00	29.90 -0.64 0.00	33.13 -0.61 0.00	40.53 -0.66 0.00	54.81 -0.34 0.00	71.91 0.06 0.00	73.00 0.33 0.00	63.13 0.04 0.00	51.52 0.09 0.00	50.61 0.16 0.00	47.68 0.39 0.00	38.52 0.35 0.00
CLINTON___LFGE 323618	32.82 -0.41 0.00	32.52 -0.43 0.00	33.40 -0.34 0.00	33.06 -0.36 0.00	33.00 -0.22 0.00	34.32 -0.18 0.00	46.66 -0.12 0.00	61.49 -0.05 0.00	54.27 -0.09 0.00	31.88 -0.21 0.00	28.08 -0.26 0.00	27.83 -0.34 0.00	27.48 -0.40 0.00	30.01 -0.53 0.00	33.31 -0.43 0.00	40.83 -0.36 0.00	55.34 0.18 0.00	72.72 0.86 0.00	73.88 1.20 0.00	63.87 0.77 0.00	52.10 0.66 0.00	51.15 0.69 0.00	48.18 0.88 0.00	38.90 0.72 0.00
COBBLENY_34_KV_TB1 80064	29.74 -3.48 0.00	29.53 -3.42 0.00	30.26 -3.48 0.00	29.99 -3.43 0.00	30.16 -3.06 0.00	31.48 -3.02 0.00	42.87 -3.91 0.00	56.40 -5.15 0.00	50.19 -4.17 0.00	30.27 -1.82 0.00	26.29 -2.05 0.00	26.08 -2.09 0.00	25.29 -2.59 0.00	27.53 -3.00 0.00	26.62 -3.69 3.43	31.74 -4.01 5.45	50.35 -4.81 0.00	65.34 -6.52 0.00	66.91 -5.76 0.00	57.97 -5.13 0.00	47.11 -4.33 0.00	40.79 -3.86 5.81	36.94 -3.38 6.99	35.68 -2.50 0.00
COFFEEN___115KV_TB3 355620	32.34 -0.89 0.00	32.03 -0.92 0.00	32.81 -0.93 0.00	32.49 -0.93 0.00	32.37 -0.85 0.00	33.88 -0.62 0.00	46.46 -0.32 0.00	60.86 -0.69 0.00	52.37 -1.99 0.00	30.07 -2.02 0.00	26.44 -1.90 0.00	26.22 -1.95 0.00	25.98 -1.90 0.00	28.34 -2.19 0.00	31.81 -1.94 0.00	39.84 -1.36 0.00	54.32 -0.83 0.00	71.34 -0.52 0.00	72.53 -0.15 0.00	63.63 0.53 0.00	51.78 0.34 0.00	50.63 0.18 0.00	47.59 0.30 0.00	38.31 0.13 0.00
COLDSPRG_115KV_BK1 355956	30.49 -2.73 0.00	30.29 -2.66 0.00	31.16 -2.58 0.00	31.05 -2.37 0.00	31.22 -2.00 0.00	32.72 -1.79 0.00	44.81 -1.97 0.00	59.16 -2.39 0.00	52.60 -1.76 0.00	31.50 -0.59 0.00	27.08 -1.26 0.00	26.78 -1.39 0.00	25.99 -1.88 0.00	28.39 -2.14 0.00	27.20 -2.94 3.60	32.24 -3.24 5.72	51.50 -3.66 0.00	67.10 -4.75 0.00	68.88 -3.80 0.00	59.60 -3.49 0.00	48.25 -3.19 0.00	41.17 -2.75 6.55	36.95 -2.47 7.88	36.47 -1.71 0.00
COLONIE_LFGE___ 323577	34.58 1.35 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.66 1.24 0.00	34.38 1.16 0.00	35.76 1.26 0.00	48.08 1.30 0.00	63.24 1.69 0.00	55.51 1.15 0.00	32.73 0.64 0.00	28.83 0.49 0.00	28.61 0.44 0.00	28.53 0.65 0.00	31.30 0.76 0.00	34.90 1.15 0.00	42.39 1.19 0.00	56.39 1.24 0.00	73.36 1.50 0.00	73.98 1.30 0.00	64.59 1.50 0.00	52.65 1.22 0.00	51.48 1.02 0.00	48.34 1.04 0.00	38.97 0.80 0.00
COOPERNY_115KV_TB1 80082	34.67 1.45 0.00	34.37 1.41 0.00	35.10 1.36 0.00	34.82 1.39 0.00	34.55 1.33 0.00	36.05 1.54 0.00	48.88 2.10 0.00	64.37 2.82 0.00	57.05 2.69 0.00	33.94 1.85 0.00	29.67 1.34 0.00	29.28 1.12 0.00	28.98 1.10 0.00	31.79 1.26 0.00	35.05 1.31 0.00	42.80 1.60 0.00	57.00 1.84 0.00	74.09 2.24 0.00	74.83 2.15 0.00	64.87 1.77 0.00	52.85 1.41 0.00	51.88 1.43 0.00	48.50 1.20 0.00	39.25 1.07 0.00
COPENHAGEN_WT_PWR 323753	31.75 -1.47 0.00	31.46 -1.50 0.00	32.24 -1.50 0.00	31.93 -1.49 0.00	31.84 -1.38 0.00	33.24 -1.27 0.00	45.54 -1.24 0.00	59.69 -1.86 0.00	51.59 -2.77 0.00	29.79 -2.31 0.00	26.19 -2.15 0.00	25.95 -2.22 0.00	25.72 -2.16 0.00	28.06 -2.48 0.00	31.46 -2.28 0.00	39.21 -1.98 0.00	53.29 -1.87 0.00	69.80 -2.06 0.00	70.96 -1.71 0.00	62.43 -0.66 0.00	50.80 -0.63 0.00	49.77 -0.69 0.00	46.89 -0.40 0.00	37.77 -0.40 0.00
CORNELL_____ 23752	33.19 -0.03 0.00	32.95 0.00 0.00	33.72 -0.02 0.00	33.42 0.00 0.00	33.29 0.07 0.00	34.74 0.24 0.00	47.24 0.46 0.00	62.14 0.59 0.00	54.51 0.15 0.00	32.02 -0.08 0.00	28.05 -0.29 0.00	27.78 -0.38 0.00	27.43 -0.45 0.00	30.02 -0.52 0.00	43.21 -0.73 -10.20	56.93 -0.54 -16.27	55.09 -0.07 0.00	72.18 0.31 -0.01	73.17 0.50 0.00	63.50 0.40 0.00	51.60 0.16 -0.01	66.91 0.13 -16.32	67.05 0.12 -19.64	38.28 0.11 0.00

CORONA_69_KV_TB1 355595	35.64 2.42 0.00	35.23 2.28 0.00	35.89 2.15 0.00	35.60 2.19 0.00	35.30 2.08 0.00	36.98 2.48 0.00	49.95 3.17 0.00	66.06 4.52 0.00	58.84 4.48 0.00	34.74 2.65 0.00	30.72 2.39 0.00	30.35 2.19 0.00	30.08 2.20 0.00	33.04 2.50 0.00	36.46 2.72 0.00	44.49 3.30 0.00	62.44 3.73 -3.56	76.38 4.52 0.00	76.92 4.25 0.00	66.64 3.54 0.00	54.40 2.96 0.00	53.31 2.86 0.00	49.73 2.43 0.00	40.35 2.18 0.00
CORTLAND_115KV_TB3 80093	33.17 -0.05 0.00	32.93 -0.03 0.00	33.71 -0.03 0.00	33.41 -0.01 0.00	33.23 0.01 0.00	34.65 0.15 0.00	47.06 0.28 0.00	61.88 0.33 0.00	54.43 0.07 0.00	32.10 0.01 0.00	28.19 -0.14 0.00	27.99 -0.18 0.00	27.66 -0.22 0.00	30.27 -0.27 0.00	36.18 -0.41 -2.85	45.45 -0.28 -4.54	55.08 -0.07 0.00	71.93 0.07 0.00	72.83 0.15 0.00	63.25 0.15 0.00	51.43 -0.01 0.00	54.99 -0.02 -4.56	52.70 -0.08 -5.48	38.13 -0.05 0.00
COXSACKIE___GT 23611	35.28 2.05 0.00	34.97 2.02 0.00	35.76 2.02 0.00	35.40 1.98 0.00	35.00 1.78 0.00	36.48 1.98 0.00	49.40 2.62 0.00	64.98 3.43 0.00	56.23 1.87 0.00	32.77 0.68 0.00	28.93 0.59 0.00	28.76 0.59 0.00	28.61 0.74 0.00	31.49 0.95 0.00	35.19 1.45 0.00	42.99 1.79 0.00	58.15 2.99 0.00	76.19 4.34 0.00	76.96 4.28 0.00	66.93 3.84 0.00	54.48 3.04 0.00	53.20 2.75 0.00	49.73 2.44 0.00	39.95 1.78 0.00
CPV_VALLEY___CC1 323721	35.17 1.95 0.00	34.82 1.86 0.00	35.51 1.76 0.00	35.23 1.81 0.00	34.96 1.74 0.00	36.53 2.03 0.00	49.51 2.74 0.00	65.27 3.72 0.00	57.90 3.54 0.00	34.13 2.04 0.00	29.92 1.58 0.00	29.56 1.39 0.00	29.26 1.39 0.00	32.13 1.59 0.00	35.42 1.68 0.00	43.21 2.02 0.00	57.43 2.27 0.00	74.63 2.77 0.00	75.32 2.65 0.00	65.26 2.17 0.00	53.16 1.72 0.00	52.18 1.72 0.00	48.76 1.46 0.00	39.47 1.29 0.00
CPV_VALLEY___CC2 323722	35.17 1.95 0.00	34.82 1.86 0.00	35.51 1.76 0.00	35.23 1.81 0.00	34.96 1.74 0.00	36.53 2.03 0.00	49.51 2.74 0.00	65.27 3.72 0.00	57.90 3.54 0.00	34.13 2.04 0.00	29.92 1.58 0.00	29.56 1.39 0.00	29.26 1.39 0.00	32.13 1.59 0.00	35.42 1.68 0.00	43.21 2.02 0.00	57.43 2.27 0.00	74.63 2.77 0.00	75.32 2.65 0.00	65.26 2.17 0.00	53.16 1.72 0.00	52.18 1.72 0.00	48.76 1.46 0.00	39.47 1.29 0.00
CRESCENT___HYD 24018	34.58 1.35 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.66 1.24 0.00	34.38 1.16 0.00	35.76 1.26 0.00	48.08 1.30 0.00	63.24 1.69 0.00	55.51 1.15 0.00	32.73 0.64 0.00	28.83 0.49 0.00	28.61 0.44 0.00	28.53 0.65 0.00	31.30 0.76 0.00	34.90 1.15 0.00	42.39 1.19 0.00	56.39 1.24 0.00	73.36 1.50 0.00	73.98 1.30 0.00	64.59 1.50 0.00	52.65 1.22 0.00	51.48 1.02 0.00	48.34 1.04 0.00	38.97 0.80 0.00
CRICKET___VALLEY_CC1 323756	34.97 1.74 0.00	34.62 1.66 0.00	35.31 1.57 0.00	35.02 1.60 0.00	34.74 1.52 0.00	36.29 1.78 0.00	49.12 2.34 0.00	64.75 3.20 0.00	57.53 3.17 0.00	34.05 1.96 0.00	29.94 1.61 0.00	29.62 1.46 0.00	29.35 1.47 0.00	32.23 1.69 0.00	35.54 1.80 0.00	43.31 2.12 0.00	57.42 2.26 0.00	74.52 2.66 0.00	75.15 2.48 0.00	65.13 2.03 0.00	53.05 1.62 0.00	52.10 1.65 0.00	48.70 1.40 0.00	39.42 1.25 0.00
CRICKET___VALLEY_CC2 323757	34.97 1.74 0.00	34.62 1.66 0.00	35.31 1.57 0.00	35.02 1.60 0.00	34.74 1.52 0.00	36.29 1.78 0.00	49.12 2.34 0.00	64.75 3.20 0.00	57.53 3.17 0.00	34.05 1.96 0.00	29.94 1.61 0.00	29.62 1.46 0.00	29.35 1.47 0.00	32.23 1.69 0.00	35.54 1.80 0.00	43.31 2.12 0.00	57.42 2.26 0.00	74.52 2.66 0.00	75.15 2.48 0.00	65.13 2.03 0.00	53.05 1.62 0.00	52.10 1.65 0.00	48.70 1.40 0.00	39.42 1.25 0.00
CRICKET___VALLEY_CC3 323758	34.97 1.74 0.00	34.62 1.66 0.00	35.31 1.57 0.00	35.02 1.60 0.00	34.74 1.52 0.00	36.29 1.78 0.00	49.12 2.34 0.00	64.75 3.20 0.00	57.53 3.17 0.00	34.05 1.96 0.00	29.94 1.61 0.00	29.62 1.46 0.00	29.35 1.47 0.00	32.23 1.69 0.00	35.54 1.80 0.00	43.31 2.12 0.00	57.42 2.26 0.00	74.52 2.66 0.00	75.15 2.48 0.00	65.13 2.03 0.00	53.05 1.62 0.00	52.10 1.65 0.00	48.70 1.40 0.00	39.42 1.25 0.00
CRUCIBLE_METL_DRP 24180	32.58 -0.64 0.00	32.34 -0.62 0.00	33.09 -0.65 0.00	32.81 -0.61 0.00	32.64 -0.58 0.00	33.99 -0.51 0.00	46.15 -0.63 0.00	60.66 -0.89 0.00	53.41 -0.95 0.00	31.56 -0.53 0.00	27.80 -0.53 0.00	27.63 -0.54 0.00	27.30 -0.57 0.00	29.89 -0.65 0.00	32.94 -0.80 0.00	40.38 -0.81 0.00	54.24 -0.91 0.00	70.74 -1.12 0.00	71.59 -1.09 0.00	62.15 -0.95 0.00	50.60 -0.84 0.00	49.63 -0.82 0.00	46.46 -0.84 0.00	37.50 -0.68 0.00
DAHOWA___HYDRO 323763	34.88 1.66 0.00	34.54 1.59 0.00	35.29 1.55 0.00	34.93 1.51 0.00	34.72 1.50 0.00	36.19 1.68 0.00	48.74 1.95 0.00	64.06 2.52 0.00	56.13 1.77 0.00	32.93 0.83 0.00	28.92 0.59 0.00	28.72 0.55 0.00	28.77 0.89 0.00	31.51 0.98 0.00	35.04 1.30 0.00	42.77 1.58 0.00	57.24 2.08 0.00	74.57 2.71 0.00	75.28 2.60 0.00	65.70 2.60 0.00	53.47 2.03 0.00	52.22 1.77 0.00	49.11 1.81 0.00	39.61 1.44 0.00
DANC___LFGE 323619	31.92 -1.31 0.00	31.63 -1.32 0.00	32.41 -1.33 0.00	32.10 -1.32 0.00	31.98 -1.24 0.00	33.35 -1.16 0.00	45.50 -1.28 0.00	59.70 -1.85 0.00	51.97 -2.39 0.00	30.28 -1.81 0.00	26.67 -1.67 0.00	26.48 -1.69 0.00	26.20 -1.68 0.00	28.60 -1.94 0.00	31.85 -1.89 0.00	39.45 -1.74 0.00	53.35 -1.81 0.00	69.70 -2.15 0.00	70.76 -1.92 0.00	62.00 -1.10 0.00	50.49 -0.95 0.00	49.50 -0.95 0.00	46.53 -0.77 0.00	37.50 -0.68 0.00
DANSKAMMER___1 23586	35.49 2.26 0.00	35.12 2.17 0.00	35.82 2.08 0.00	35.53 2.11 0.00	35.27 2.05 0.00	36.86 2.35 0.00	49.97 3.19 0.00	65.85 4.30 0.00	58.43 4.07 0.00	34.54 2.45 0.00	30.34 2.01 0.00	30.02 1.86 0.00	29.73 1.85 0.00	32.64 2.10 0.00	36.01 2.27 0.00	43.98 2.78 0.00	58.42 3.26 0.00	75.89 4.03 0.00	76.58 3.90 0.00	66.36 3.26 0.00	54.03 2.59 0.00	53.02 2.57 0.00	49.52 2.23 0.00	40.05 1.88 0.00
DANSKAMMER___2 23589	35.49 2.26 0.00	35.12 2.17 0.00	35.82 2.08 0.00	35.53 2.11 0.00	35.27 2.05 0.00	36.86 2.35 0.00	49.97 3.19 0.00	65.85 4.30 0.00	58.43 4.07 0.00	34.54 2.45 0.00	30.34 2.01 0.00	30.02 1.86 0.00	29.73 1.85 0.00	32.64 2.10 0.00	36.01 2.27 0.00	43.98 2.78 0.00	58.42 3.26 0.00	75.89 4.03 0.00	76.58 3.90 0.00	66.36 3.26 0.00	54.03 2.59 0.00	53.02 2.57 0.00	49.52 2.23 0.00	40.05 1.88 0.00
DANSKAMMER___3 23590	35.49 2.26 0.00	35.12 2.17 0.00	35.82 2.08 0.00	35.53 2.11 0.00	35.27 2.05 0.00	36.86 2.35 0.00	49.97 3.19 0.00	65.85 4.30 0.00	58.43 4.07 0.00	34.54 2.45 0.00	30.34 2.01 0.00	30.02 1.86 0.00	29.73 1.85 0.00	32.64 2.10 0.00	36.01 2.27 0.00	43.98 2.78 0.00	58.42 3.26 0.00	75.89 4.03 0.00	76.58 3.90 0.00	66.36 3.26 0.00	54.03 2.59 0.00	53.02 2.57 0.00	49.52 2.23 0.00	40.05 1.88 0.00

DANSKAMMER___4 23591	35.49 2.26 0.00	35.12 2.17 0.00	35.82 2.08 0.00	35.53 2.11 0.00	35.27 2.05 0.00	36.86 2.35 0.00	49.97 3.19 0.00	65.85 4.30 0.00	58.43 4.07 0.00	34.54 2.45 0.00	30.34 2.01 0.00	30.02 1.86 0.00	29.73 1.85 0.00	32.64 2.10 0.00	36.01 2.27 0.00	43.98 2.78 0.00	58.42 3.26 0.00	75.89 4.03 0.00	76.58 3.90 0.00	66.36 3.26 0.00	54.03 2.59 0.00	53.02 2.57 0.00	49.52 2.23 0.00	40.05 1.88 0.00
DANSKAMMER___DIESEL 23592	35.49 2.26 0.00	35.12 2.17 0.00	35.82 2.07 0.00	35.53 2.11 0.00	35.26 2.04 0.00	36.86 2.36 0.00	49.97 3.19 0.00	65.85 4.30 0.00	58.43 4.07 0.00	34.54 2.45 0.00	30.34 2.00 0.00	30.02 1.86 0.00	29.73 1.85 0.00	32.64 2.10 0.00	36.01 2.27 0.00	43.97 2.78 0.00	58.41 3.26 0.00	75.89 4.04 0.00	76.58 3.90 0.00	66.36 3.26 0.00	54.03 2.59 0.00	53.02 2.57 0.00	49.52 2.22 0.00	40.05 1.88 0.00
DARBY___SOLAR 323810	34.78 1.56 0.00	34.44 1.49 0.00	35.20 1.45 0.00	34.85 1.43 0.00	34.62 1.39 0.00	36.06 1.56 0.00	48.56 1.78 0.00	63.83 2.28 0.00	55.96 1.60 0.00	32.85 0.76 0.00	28.87 0.54 0.00	28.69 0.52 0.00	28.67 0.80 0.00	31.42 0.88 0.00	34.95 1.21 0.00	42.64 1.45 0.00	57.03 1.87 0.00	74.29 2.43 0.00	74.97 2.29 0.00	65.43 2.34 0.00	53.27 1.83 0.00	52.06 1.60 0.00	48.94 1.65 0.00	39.47 1.30 0.00
DASHVILLE___HYD 23610	34.88 1.66 0.00	34.56 1.61 0.00	35.29 1.56 0.00	34.99 1.57 0.00	34.72 1.50 0.00	36.22 1.72 0.00	49.05 2.27 0.00	64.66 3.11 0.00	57.38 3.02 0.00	33.88 1.79 0.00	29.78 1.44 0.00	29.60 1.44 0.00	29.40 1.53 0.00	32.26 1.72 0.00	35.57 1.83 0.00	43.43 2.23 0.00	57.70 2.54 0.00	74.94 3.09 0.00	75.63 2.95 0.00	65.57 2.47 0.00	53.42 1.98 0.00	52.45 2.00 0.00	48.99 1.70 0.00	39.62 1.45 0.00
DELAWARE___LFGE 323621	33.98 0.75 0.00	33.74 0.79 0.00	34.54 0.80 0.00	34.24 0.82 0.00	34.02 0.80 0.00	35.37 0.87 0.00	48.01 1.22 0.00	63.23 1.68 0.00	55.90 1.54 0.00	33.11 1.02 0.00	29.11 0.78 0.00	28.83 0.66 0.00	28.50 0.63 0.00	31.22 0.68 0.00	34.43 0.69 0.00	42.13 0.93 0.00	56.32 1.17 0.00	73.23 1.37 0.00	74.03 1.36 0.00	64.31 1.21 0.00	52.38 0.95 0.00	51.39 0.93 0.00	48.14 0.84 0.00	38.88 0.71 0.00
DERFIELD_115KV_TB7 355931	33.36 0.13 0.00	33.09 0.14 0.00	33.88 0.14 0.00	33.55 0.13 0.00	33.33 0.11 0.00	34.66 0.15 0.00	46.96 0.17 0.00	61.76 0.22 0.00	54.50 0.14 0.00	32.15 0.06 0.00	28.36 0.02 0.00	28.18 0.02 0.00	27.93 0.05 0.00	30.60 0.06 0.00	33.81 0.07 0.00	41.28 0.09 0.00	55.26 0.11 0.00	71.92 0.07 0.00	72.70 0.02 0.00	63.22 0.12 0.00	51.54 0.10 0.00	50.52 0.06 0.00	47.35 0.05 0.00	38.22 0.05 0.00
DOGLEVILLE___HYD 23807	35.30 2.07 0.00	35.01 2.06 0.00	35.71 1.97 0.00	35.33 1.91 0.00	35.06 1.84 0.00	36.66 2.15 0.00	49.41 2.63 0.00	64.53 2.98 0.00	55.85 1.49 0.00	32.66 0.57 0.00	28.71 0.38 0.00	28.65 0.48 0.00	28.46 0.59 0.00	31.26 0.72 0.00	34.73 0.99 0.00	42.52 1.32 0.00	57.89 2.73 0.00	75.62 3.77 0.00	76.34 3.66 0.00	66.49 3.39 0.00	54.04 2.60 0.00	52.85 2.39 0.00	49.42 2.13 0.00	39.93 1.75 0.00
DUNKIRK__115KV_TB_200 55889	29.63 -3.59 0.00	29.44 -3.51 0.00	30.28 -3.46 0.00	30.12 -3.30 0.00	30.35 -2.87 0.00	31.74 -2.77 0.00	43.31 -3.48 0.00	56.94 -4.61 0.00	50.63 -3.73 0.00	30.47 -1.63 0.00	26.26 -2.08 0.00	26.06 -2.11 0.00	25.28 -2.60 0.00	27.56 -2.98 0.00	26.49 -3.89 3.35	31.47 -4.40 5.33	49.90 -5.26 0.00	65.08 -6.78 0.00	66.90 -5.78 0.00	58.14 -4.96 0.00	47.09 -4.35 0.00	40.78 -3.92 5.76	36.89 -3.48 6.93	35.70 -2.48 0.00
DUNKIRK___1 23563	29.63 -3.59 0.00	29.44 -3.51 0.00	30.28 -3.46 0.00	30.12 -3.30 0.00	30.35 -2.87 0.00	31.74 -2.77 0.00	43.31 -3.48 0.00	56.94 -4.61 0.00	50.63 -3.73 0.00	30.47 -1.63 0.00	26.26 -2.08 0.00	26.06 -2.11 0.00	25.28 -2.60 0.00	27.56 -2.98 0.00	26.49 -3.89 3.35	31.47 -4.40 5.33	49.90 -5.26 0.00	65.08 -6.78 0.00	66.90 -5.78 0.00	58.14 -4.96 0.00	47.09 -4.35 0.00	40.78 -3.92 5.76	36.89 -3.48 6.93	35.70 -2.48 0.00
DUNKIRK___2 23564	29.63 -3.59 0.00	29.44 -3.51 0.00	30.28 -3.46 0.00	30.12 -3.30 0.00	30.35 -2.87 0.00	31.74 -2.77 0.00	43.31 -3.48 0.00	56.94 -4.61 0.00	50.63 -3.73 0.00	30.47 -1.63 0.00	26.26 -2.08 0.00	26.06 -2.11 0.00	25.28 -2.60 0.00	27.56 -2.98 0.00	26.49 -3.89 3.35	31.47 -4.40 5.33	49.90 -5.26 0.00	65.08 -6.78 0.00	66.90 -5.78 0.00	58.14 -4.96 0.00	47.09 -4.35 0.00	40.78 -3.92 5.76	36.89 -3.48 6.93	35.70 -2.48 0.00
DUNKIRK___3 23565	29.70 -3.53 0.00	29.51 -3.45 0.00	30.31 -3.43 0.00	30.11 -3.31 0.00	30.31 -2.91 0.00	31.66 -2.84 0.00	43.17 -3.62 0.00	56.74 -4.81 0.00	50.46 -3.90 0.00	30.40 -1.69 0.00	26.27 -2.07 0.00	26.07 -2.10 0.00	25.28 -2.60 0.00	27.56 -2.98 0.00	26.61 -3.82 3.32	31.63 -4.30 5.27	49.97 -5.19 0.00	65.08 -6.77 0.00	66.80 -5.87 0.00	58.03 -5.07 0.00	47.04 -4.39 0.00	40.79 -3.99 5.67	36.94 -3.53 6.83	35.63 -2.54 0.00
DUNKIRK___4 23566	29.70 -3.53 0.00	29.51 -3.45 0.00	30.31 -3.43 0.00	30.11 -3.31 0.00	30.31 -2.91 0.00	31.66 -2.84 0.00	43.17 -3.62 0.00	56.74 -4.81 0.00	50.46 -3.90 0.00	30.40 -1.69 0.00	26.27 -2.07 0.00	26.07 -2.10 0.00	25.28 -2.60 0.00	27.56 -2.98 0.00	26.61 -3.82 3.32	31.63 -4.30 5.27	49.97 -5.19 0.00	65.08 -6.77 0.00	66.80 -5.87 0.00	58.03 -5.07 0.00	47.04 -4.39 0.00	40.79 -3.99 5.67	36.94 -3.53 6.83	35.63 -2.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.46 2.24 0.00	35.08 2.13 0.00	35.75 2.01 0.00	35.47 2.05 0.00	35.20 1.98 0.00	36.82 2.32 0.00	49.92 3.14 0.00	65.84 4.29 0.00	58.56 4.20 0.00	34.71 2.62 0.00	30.52 2.19 0.00	30.19 2.02 0.00	29.91 2.03 0.00	32.84 2.30 0.00	36.17 2.43 0.00	44.09 2.90 0.00	58.40 3.24 0.00	75.77 3.92 0.00	76.40 3.72 0.00	66.12 3.02 0.00	53.83 2.39 0.00	52.86 2.40 0.00	49.38 2.08 0.00	39.98 1.81 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.34 2.11 0.00	34.98 2.02 0.00	35.67 1.93 0.00	35.39 1.98 0.00	35.13 1.91 0.00	36.71 2.21 0.00	49.78 3.00 0.00	65.61 4.06 0.00	58.20 3.84 0.00	34.39 2.30 0.00	30.17 1.84 0.00	29.84 1.67 0.00	29.54 1.66 0.00	32.43 1.89 0.00	35.78 2.04 0.00	43.68 2.48 0.00	58.04 2.88 0.00	75.44 3.59 0.00	76.13 3.45 0.00	65.95 2.85 0.00	53.70 2.26 0.00	52.71 2.26 0.00	49.23 1.94 0.00	39.83 1.66 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.79 2.56 0.00	35.39 2.43 0.00	36.06 2.32 0.00	35.78 2.36 0.00	35.49 2.27 0.00	37.12 2.61 0.00	50.10 3.32 0.00	66.15 4.60 0.00	58.94 4.58 0.00	34.90 2.80 0.00	30.64 2.31 0.00	30.33 2.16 0.00	30.05 2.17 0.00	32.98 2.44 0.00	36.29 2.55 0.00	44.26 3.06 0.00	58.51 3.35 0.00	75.94 4.08 0.00	76.57 3.89 0.00	66.24 3.15 0.00	53.93 2.49 0.00	53.04 2.59 0.00	49.57 2.27 0.00	40.19 2.01 0.00

E179THST_13_KV_LOAD 356214	35.91 2.68 0.00	35.50 2.55 0.00	36.19 2.45 0.00	35.90 2.48 0.00	35.61 2.38 0.00	37.24 2.74 0.00	50.28 3.50 0.00	66.41 4.86 0.00	59.17 4.81 0.00	35.04 2.94 0.00	30.77 2.43 0.00	30.45 2.28 0.00	30.18 2.30 0.00	33.11 2.58 0.00	36.43 2.69 0.00	44.44 3.24 0.00	58.77 3.61 0.00	76.28 4.43 0.00	76.93 4.25 0.00	66.55 3.46 0.00	54.17 2.73 0.00	53.27 2.81 0.00	49.77 2.48 0.00	40.35 2.18 0.00
EAST HAMPTON___GT 23717	16.61 0.41 17.03	3.57 0.28 29.66	10.01 0.05 23.78	18.81 0.11 14.71	21.31 0.16 12.07	35.38 0.88 0.00	48.12 1.34 0.00	61.86 2.70 2.39	4.86 2.73 52.24	-14.71 1.52 48.32	-7.74 1.22 37.29	-18.72 0.71 47.59	-3.40 0.82 32.10	-0.44 0.93 31.90	5.28 1.00 29.46	22.97 1.35 19.58	27.48 1.41 29.08	24.30 2.03 49.59	40.17 1.43 33.93	65.09 1.99 0.00	52.69 1.72 0.47	50.87 1.93 1.51	49.34 2.05 0.00	39.57 1.42 0.03
EAST RIVER___6 23660	35.66 2.43 0.00	35.26 2.31 0.00	35.92 2.18 0.00	35.63 2.21 0.00	35.37 2.14 0.00	37.00 2.49 0.00	50.12 3.34 0.00	66.18 4.63 0.00	58.94 4.58 0.00	34.99 2.90 0.00	30.78 2.45 0.00	30.46 2.29 0.00	30.16 2.28 0.00	33.12 2.59 0.00	36.46 2.72 0.00	44.43 3.23 0.00	58.80 3.64 0.00	76.25 4.39 0.00	76.81 4.13 0.00	66.41 3.32 0.00	54.02 2.58 0.00	53.06 2.61 0.00	49.54 2.24 0.00	40.13 1.96 0.00
EAST RIVER___7 23524	35.66 2.43 0.00	35.26 2.31 0.00	35.92 2.18 0.00	35.63 2.21 0.00	35.37 2.14 0.00	37.00 2.49 0.00	50.12 3.34 0.00	66.18 4.63 0.00	58.94 4.58 0.00	34.99 2.90 0.00	30.78 2.45 0.00	30.46 2.29 0.00	30.16 2.28 0.00	33.12 2.59 0.00	36.46 2.72 0.00	44.43 3.23 0.00	58.80 3.64 0.00	76.25 4.39 0.00	76.81 4.13 0.00	66.41 3.32 0.00	54.02 2.58 0.00	53.06 2.61 0.00	49.54 2.24 0.00	40.13 1.96 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.40 2.18 0.00	35.03 2.08 0.00	35.70 1.96 0.00	35.43 2.01 0.00	35.16 1.94 0.00	36.75 2.25 0.00	49.81 3.03 0.00	65.69 4.14 0.00	58.39 4.03 0.00	34.58 2.48 0.00	30.39 2.05 0.00	30.06 1.90 0.00	29.77 1.89 0.00	32.70 2.16 0.00	36.03 2.29 0.00	43.92 2.73 0.00	58.21 3.05 0.00	75.56 3.71 0.00	76.20 3.52 0.00	65.96 2.86 0.00	53.71 2.27 0.00	52.72 2.27 0.00	49.24 1.94 0.00	39.89 1.72 0.00
EAST_HAMPTON___DIESEL 23722	16.50 0.30 17.02	3.47 0.17 29.65	9.90 -0.07 23.77	18.70 0.00 14.71	21.20 0.05 12.07	35.28 0.78 0.00	48.01 1.23 0.00	61.74 2.63 2.39	4.77 2.63 52.22	-14.75 1.46 48.30	-7.80 1.15 37.28	-18.78 0.62 47.57	-3.48 0.73 32.09	-0.53 0.83 31.89	5.17 0.88 29.45	22.83 1.20 19.57	27.31 1.23 29.07	24.12 1.83 49.57	39.97 1.21 33.92	64.97 1.88 0.00	52.61 1.64 0.47	50.82 1.88 1.51	49.32 2.02 0.00	39.52 1.37 0.03
EAST_POINT___SOLAR 323840	33.87 0.64 0.00	33.59 0.64 0.00	34.37 0.63 0.00	34.03 0.61 0.00	33.98 0.76 0.00	35.31 0.80 0.00	48.12 1.34 0.00	62.68 1.13 0.00	53.64 -0.72 0.00	31.51 -0.58 0.00	28.27 -0.07 0.00	28.29 0.12 0.00	27.81 -0.07 0.00	30.16 -0.37 0.00	33.53 -0.21 0.00	41.23 0.04 0.00	56.59 1.43 0.00	74.16 2.30 0.00	75.09 2.41 0.00	65.20 2.10 0.00	53.09 1.65 0.00	51.98 1.53 0.00	48.58 1.29 0.00	39.17 1.00 0.00
EAST_PULASKI___ESR 323781	32.12 -1.11 0.00	31.83 -1.12 0.00	32.61 -1.13 0.00	32.30 -1.12 0.00	32.14 -1.07 0.00	33.49 -1.01 0.00	45.52 -1.26 0.00	59.78 -1.77 0.00	52.44 -1.92 0.00	30.82 -1.27 0.00	27.15 -1.18 0.00	26.99 -1.18 0.00	26.68 -1.20 0.00	29.13 -1.40 0.00	32.26 -1.48 0.00	39.72 -1.48 0.00	53.48 -1.67 0.00	69.74 -2.12 0.00	70.67 -2.01 0.00	61.64 -1.45 0.00	50.21 -1.23 0.00	49.27 -1.19 0.00	46.20 -1.09 0.00	37.25 -0.92 0.00
EAST_RIVER___1 323558	35.69 2.47 0.00	35.30 2.34 0.00	35.97 2.22 0.00	35.67 2.25 0.00	35.41 2.19 0.00	37.03 2.52 0.00	50.16 3.37 0.00	66.19 4.65 0.00	58.92 4.56 0.00	34.97 2.88 0.00	30.76 2.42 0.00	30.43 2.26 0.00	30.13 2.25 0.00	33.09 2.56 0.00	36.43 2.69 0.00	44.38 3.19 0.00	58.74 3.59 0.00	76.17 4.32 0.00	76.75 4.07 0.00	66.38 3.28 0.00	54.02 2.57 0.00	53.05 2.60 0.00	49.56 2.26 0.00	40.16 1.98 0.00
EAST_RIVER___2 323559	35.66 2.43 0.00	35.26 2.31 0.00	35.92 2.18 0.00	35.63 2.21 0.00	35.37 2.14 0.00	37.00 2.49 0.00	50.12 3.34 0.00	66.18 4.63 0.00	58.94 4.58 0.00	34.99 2.90 0.00	30.78 2.45 0.00	30.46 2.29 0.00	30.16 2.28 0.00	33.12 2.59 0.00	36.46 2.72 0.00	44.43 3.23 0.00	58.80 3.64 0.00	76.25 4.39 0.00	76.81 4.13 0.00	66.41 3.32 0.00	54.02 2.58 0.00	53.06 2.61 0.00	49.54 2.24 0.00	40.13 1.96 0.00
EAST___DELAWARE_HYD 23607	34.71 1.48 0.00	34.37 1.42 0.00	35.09 1.35 0.00	34.80 1.38 0.00	34.55 1.34 0.00	36.13 1.62 0.00	49.01 2.23 0.00	64.63 3.09 0.00	57.22 2.86 0.00	33.84 1.75 0.00	29.66 1.32 0.00	29.26 1.09 0.00	28.83 0.95 0.00	31.02 0.48 0.00	34.24 0.50 0.00	41.90 0.70 0.00	55.90 0.74 0.00	72.77 0.91 0.00	73.46 0.78 0.00	63.65 0.55 0.00	51.99 0.55 0.00	52.13 1.67 0.00	48.64 1.34 0.00	39.32 1.15 0.00
EIGHT_POINT___WT_PWR 323820	29.57 -3.65 0.00	29.40 -3.55 0.00	30.10 -3.64 0.00	29.77 -3.65 0.00	29.99 -3.23 0.00	31.58 -2.93 0.00	42.98 -3.81 0.00	56.33 -5.22 0.00	49.50 -4.86 0.00	29.37 -2.72 0.00	24.99 -3.35 0.00	24.46 -3.71 0.00	23.78 -4.10 0.00	26.01 -4.52 0.00	19.41 -5.49 8.84	20.78 -6.14 14.28	48.45 -6.71 0.00	64.64 -7.20 0.01	66.38 -6.30 0.00	57.80 -5.30 0.00	46.62 -4.82 0.00	33.81 -4.15 12.49	28.74 -3.51 15.04	35.80 -2.38 0.00
ELBRIDGE_115KV_TB2 80188	32.41 -0.81 0.00	32.17 -0.78 0.00	32.90 -0.84 0.00	32.63 -0.79 0.00	32.47 -0.75 0.00	33.81 -0.70 0.00	45.90 -0.88 0.00	60.33 -1.22 0.00	53.12 -1.24 0.00	31.41 -0.68 0.00	27.66 -0.67 0.00	27.47 -0.69 0.00	27.15 -0.72 0.00	29.71 -0.83 0.00	33.17 -1.01 -0.44	40.79 -1.11 -0.71	53.87 -1.29 0.00	70.29 -1.57 0.00	71.17 -1.51 0.00	61.72 -1.38 0.00	50.29 -1.15 0.00	50.05 -1.11 -0.70	47.05 -1.10 -0.85	37.30 -0.87 0.00
ELEC_TRO_TEK 24086	35.48 2.25 0.00	35.07 2.12 0.00	35.73 1.98 0.00	35.45 2.03 0.00	35.13 1.91 0.00	36.81 2.30 0.00	49.74 2.96 0.00	65.82 4.28 0.00	58.63 4.27 0.00	34.61 2.52 0.00	30.59 2.25 0.00	30.22 2.06 0.00	29.95 2.08 0.00	32.89 2.35 0.00	36.30 2.56 0.00	44.30 3.10 0.00	62.15 3.48 -3.52	76.02 4.16 0.00	76.54 3.86 0.00	66.29 3.19 0.00	54.08 2.64 0.00	53.00 2.54 0.00	49.46 2.16 0.00	40.14 1.97 0.00
ELLENBURG_WT_PWR 323604	32.60 -0.62 0.00	32.31 -0.65 0.00	33.20 -0.54 0.00	32.86 -0.56 0.00	32.79 -0.43 0.00	34.07 -0.43 0.00	46.24 -0.55 0.00	60.93 -0.62 0.00	53.84 -0.51 0.00	31.73 -0.37 0.00	27.99 -0.35 0.00	27.73 -0.44 0.00	27.37 -0.51 0.00	29.90 -0.64 0.00	33.13 -0.61 0.00	40.53 -0.66 0.00	54.81 -0.34 0.00	71.91 0.06 0.00	73.00 0.33 0.00	63.13 0.04 0.00	51.52 0.09 0.00	50.61 0.16 0.00	47.68 0.39 0.00	38.52 0.35 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.43 -3.80 0.00	29.18 -3.77 0.00	29.94 -3.80 0.00	29.68 -3.74 0.00	29.83 -3.39 0.00	31.11 -3.40 0.00	42.27 -4.51 0.00	55.52 -6.02 0.00	49.55 -4.81 0.00	29.93 -2.16 0.00	26.04 -2.30 0.00	25.85 -2.32 0.00	25.06 -2.82 0.00	27.25 -3.29 0.00	26.68 -4.00 3.06	31.93 -4.41 4.85	49.75 -5.41 0.00	64.59 -7.26 0.00	66.09 -6.59 0.00	57.27 -5.82 0.00	46.61 -4.82 0.00	41.11 -4.35 4.99	37.50 -3.79 6.00	35.37 -2.81 0.00
EMPIRE_CC_1 323656	34.30 1.07 0.00	33.99 1.03 0.00	34.65 0.91 0.00	34.32 0.90 0.00	34.03 0.81 0.00	35.36 0.86 0.00	47.46 0.67 0.00	62.15 0.60 0.00	53.70 -0.66 0.00	31.87 -0.22 0.00	28.29 -0.05 0.00	28.09 -0.08 0.00	27.96 0.08 0.00	30.68 0.15 0.00	34.67 0.93 0.00	41.97 0.78 0.00	55.52 0.36 0.00	72.11 0.26 0.00	72.72 0.04 0.00	63.95 0.85 0.00	52.31 0.87 0.00	51.15 0.70 0.00	48.00 0.71 0.00	38.44 0.27 0.00
EMPIRE_CC_2 323658	34.30 1.07 0.00	33.99 1.03 0.00	34.65 0.91 0.00	34.32 0.90 0.00	34.03 0.81 0.00	35.36 0.86 0.00	47.46 0.67 0.00	62.15 0.60 0.00	53.70 -0.66 0.00	31.87 -0.22 0.00	28.29 -0.05 0.00	28.09 -0.08 0.00	27.96 0.08 0.00	30.68 0.15 0.00	34.67 0.93 0.00	41.97 0.78 0.00	55.52 0.36 0.00	72.11 0.26 0.00	72.72 0.04 0.00	63.95 0.85 0.00	52.31 0.87 0.00	51.15 0.70 0.00	48.00 0.71 0.00	38.44 0.27 0.00
ENORWICH_115KV_TB1 80156	33.42 0.19 0.00	33.22 0.27 0.00	34.00 0.26 0.00	33.72 0.30 0.00	33.65 0.43 0.00	35.18 0.68 0.00	48.14 1.36 0.00	63.34 1.79 0.00	55.24 0.88 0.00	32.32 0.23 0.00	28.24 -0.09 0.00	27.77 -0.40 0.00	27.35 -0.53 0.00	29.89 -0.65 0.00	36.48 -0.79 -3.54	46.15 -0.69 -5.64	55.34 0.19 0.00	73.65 1.80 0.00	74.81 2.13 0.00	65.13 2.03 0.00	52.48 1.04 0.00	57.21 1.09 -5.67	55.46 1.34 -6.82	39.17 0.99 0.00
ERIE_ST__34_KV_TB1-2 80199	29.88 -3.35 0.00	29.65 -3.30 0.00	30.38 -3.36 0.00	30.11 -3.31 0.00	30.26 -2.96 0.00	31.58 -2.92 0.00	43.01 -3.77 0.00	56.61 -4.94 0.00	50.41 -3.95 0.00	30.40 -1.69 0.00	26.44 -1.90 0.00	26.22 -1.95 0.00	25.40 -2.48 0.00	27.65 -2.88 0.00	26.89 -3.53 3.33	32.09 -3.83 5.28	50.54 -4.62 0.00	65.55 -6.30 0.00	67.12 -5.56 0.00	58.10 -5.00 0.00	47.24 -4.19 0.00	41.22 -3.74 5.49	37.40 -3.29 6.61	35.72 -2.46 0.00
ERIE_WT_PWR 323693	29.57 -3.66 0.00	29.36 -3.60 0.00	30.08 -3.66 0.00	29.82 -3.60 0.00	29.97 -3.25 0.00	31.27 -3.23 0.00	42.56 -4.23 0.00	55.95 -5.60 0.00	49.83 -4.53 0.00	30.06 -2.04 0.00	26.09 -2.24 0.00	25.89 -2.27 0.00	25.09 -2.78 0.00	27.32 -3.22 0.00	26.50 -3.94 3.30	31.61 -4.35 5.24	49.93 -5.23 0.00	64.85 -7.01 0.00	66.41 -6.27 0.00	57.55 -5.55 0.00	46.83 -4.60 0.00	40.94 -4.09 5.42	37.23 -3.54 6.53	35.57 -2.61 0.00
ESPRGFLD_115KV_TB1 80157	33.02 -0.20 0.00	32.80 -0.15 0.00	33.59 -0.16 0.00	33.27 -0.15 0.00	33.26 0.04 0.00	34.53 0.03 0.00	47.13 0.35 0.00	62.09 0.54 0.00	54.74 0.38 0.00	32.26 0.17 0.00	28.53 0.19 0.00	28.33 0.16 0.00	27.88 0.00 0.00	30.44 -0.10 0.00	33.39 -0.35 0.00	41.02 -0.17 0.00	55.39 0.23 0.00	72.40 0.54 0.00	73.34 0.66 0.00	63.65 0.55 0.00	51.79 0.35 0.00	50.81 0.35 0.00	47.58 0.28 0.00	38.45 0.28 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.18 -0.04 0.00	32.95 0.00 0.00	33.71 -0.03 0.00	33.41 -0.01 0.00	33.27 0.04 0.00	34.71 0.21 0.00	47.20 0.42 0.00	62.08 0.53 0.00	54.47 0.11 0.00	32.02 -0.07 0.00	28.08 -0.26 0.00	27.82 -0.35 0.00	27.47 -0.41 0.00	30.05 -0.49 0.00	41.28 -0.67 -8.21	53.79 -0.50 -13.09	55.07 -0.09 0.00	72.13 0.26 -0.01	73.11 0.43 0.00	63.44 0.34 0.00	51.57 0.12 0.00	63.69 0.11 -13.13	63.18 0.08 -15.80	38.25 0.08 0.00
ETNA____115KV_TB2 80207	33.18 -0.04 0.00	32.95 0.00 0.00	33.71 -0.03 0.00	33.41 -0.01 0.00	33.27 0.04 0.00	34.71 0.21 0.00	47.20 0.42 0.00	62.08 0.53 0.00	54.47 0.11 0.00	32.02 -0.07 0.00	28.08 -0.26 0.00	27.82 -0.35 0.00	27.47 -0.41 0.00	30.05 -0.49 0.00	41.28 -0.67 -8.21	53.79 -0.50 -13.09	55.07 -0.09 0.00	72.13 0.26 -0.01	73.11 0.43 0.00	63.44 0.34 0.00	51.57 0.12 0.00	63.69 0.11 -13.13	63.18 0.08 -15.80	38.25 0.08 0.00
EUCLID___115KV_TB2 356179	32.22 -1.00 0.00	31.98 -0.98 0.00	32.74 -1.00 0.00	32.43 -0.98 0.00	32.26 -0.96 0.00	33.57 -0.93 0.00	45.54 -1.24 0.00	59.89 -1.65 0.00	52.86 -1.50 0.00	31.28 -0.82 0.00	27.55 -0.79 0.00	27.37 -0.80 0.00	27.04 -0.83 0.00	29.58 -0.96 0.00	32.61 -1.13 0.00	39.97 -1.23 0.00	53.62 -1.54 0.00	69.83 -2.02 0.00	70.69 -1.99 0.00	61.39 -1.70 0.00	50.00 -1.44 0.00	49.06 -1.40 0.00	45.97 -1.33 0.00	37.09 -1.08 0.00
E_CANADA_CAP_HY 24051	32.94 -0.29 0.00	32.70 -0.26 0.00	33.46 -0.29 0.00	33.12 -0.30 0.00	33.11 -0.11 0.00	34.35 -0.15 0.00	46.72 -0.06 0.00	61.41 -0.14 0.00	53.69 -0.67 0.00	31.48 -0.61 0.00	28.04 -0.30 0.00	27.98 -0.19 0.00	27.56 -0.32 0.00	30.07 -0.47 0.00	33.09 -0.65 0.00	40.63 -0.56 0.00	55.11 -0.05 0.00	72.04 0.19 0.00	72.91 0.23 0.00	63.31 0.21 0.00	51.59 0.15 0.00	50.61 0.16 0.00	47.37 0.08 0.00	38.27 0.09 0.00
E_CANADA_MHWK_HY 24050	35.30 2.07 0.00	35.01 2.06 0.00	35.71 1.96 0.00	35.33 1.91 0.00	35.06 1.84 0.00	36.66 2.15 0.00	49.41 2.63 0.00	64.52 2.97 0.00	55.85 1.49 0.00	32.66 0.57 0.00	28.71 0.38 0.00	28.65 0.48 0.00	28.46 0.59 0.00	31.26 0.72 0.00	34.73 0.99 0.00	42.52 1.32 0.00	57.88 2.73 0.00	75.62 3.77 0.00	76.33 3.66 0.00	66.48 3.38 0.00	54.04 2.60 0.00	52.85 2.39 0.00	49.42 2.13 0.00	39.93 1.75 0.00
E_FISHKILL___LBMP 23776	35.19 1.96 0.00	34.83 1.87 0.00	35.52 1.78 0.00	35.23 1.81 0.00	34.95 1.73 0.00	36.51 2.00 0.00	49.43 2.65 0.00	65.17 3.63 0.00	57.91 3.55 0.00	34.29 2.20 0.00	30.15 1.81 0.00	29.81 1.64 0.00	29.53 1.65 0.00	32.42 1.88 0.00	35.75 2.00 0.00	43.57 2.37 0.00	57.76 2.60 0.00	74.97 3.12 0.00	75.61 2.94 0.00	65.51 2.41 0.00	53.37 1.93 0.00	52.40 1.95 0.00	48.98 1.68 0.00	39.65 1.47 0.00
FALCON___SEABRD_CC1 323796	32.67 -0.55 0.00	32.39 -0.56 0.00	33.27 -0.47 0.00	32.93 -0.49 0.00	32.87 -0.35 0.00	34.17 -0.33 0.00	46.41 -0.37 0.00	61.16 -0.39 0.00	54.05 -0.31 0.00	31.82 -0.28 0.00	28.06 -0.28 0.00	27.80 -0.36 0.00	27.44 -0.44 0.00	29.97 -0.57 0.00	33.22 -0.52 0.00	40.67 -0.52 0.00	55.08 -0.07 0.00	72.30 0.45 0.00	73.44 0.76 0.00	63.50 0.41 0.00	51.82 0.38 0.00	50.89 0.44 0.00	47.97 0.67 0.00	38.75 0.58 0.00
FALCON___SEABRD_CC2 323797	32.67 -0.55 0.00	32.39 -0.56 0.00	33.27 -0.47 0.00	32.93 -0.49 0.00	32.87 -0.35 0.00	34.17 -0.33 0.00	46.41 -0.37 0.00	61.16 -0.39 0.00	54.05 -0.31 0.00	31.82 -0.28 0.00	28.06 -0.28 0.00	27.80 -0.36 0.00	27.44 -0.44 0.00	29.97 -0.57 0.00	33.22 -0.52 0.00	40.67 -0.52 0.00	55.08 -0.07 0.00	72.30 0.45 0.00	73.44 0.76 0.00	63.50 0.41 0.00	51.82 0.38 0.00	50.89 0.44 0.00	47.97 0.67 0.00	38.75 0.58 0.00

FAR ROCKAWAY___4 23548	35.85 2.62 0.00	35.43 2.47 0.00	36.08 2.34 0.00	35.79 2.37 0.00	35.48 2.26 0.00	37.19 2.69 0.00	50.26 3.48 0.00	66.49 4.94 0.00	59.20 4.84 0.00	34.94 2.85 0.00	30.91 2.57 0.00	30.54 2.38 0.00	30.27 2.39 0.00	33.25 2.71 0.00	36.70 2.96 0.00	44.81 3.61 0.00	62.53 4.15 -3.21	76.97 5.11 0.00	77.50 4.82 0.00	67.13 4.04 0.00	54.80 3.36 0.00	53.68 3.22 0.00	50.04 2.75 0.00	40.61 2.44 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.70 2.47 0.00	35.30 2.35 0.00	35.98 2.23 0.00	35.68 2.26 0.00	35.41 2.18 0.00	37.05 2.54 0.00	50.16 3.37 0.00	66.19 4.65 0.00	58.91 4.55 0.00	34.97 2.88 0.00	30.76 2.42 0.00	30.42 2.25 0.00	30.13 2.25 0.00	33.08 2.55 0.00	36.41 2.67 0.00	44.38 3.18 0.00	58.72 3.57 0.00	76.14 4.29 0.00	76.75 4.07 0.00	66.38 3.28 0.00	54.02 2.58 0.00	53.07 2.61 0.00	49.56 2.26 0.00	40.17 2.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.71 2.48 0.00	35.32 2.36 0.00	35.98 2.24 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.05 2.55 0.00	50.17 3.39 0.00	66.21 4.67 0.00	58.93 4.57 0.00	34.97 2.88 0.00	30.75 2.42 0.00	30.42 2.25 0.00	30.13 2.25 0.00	33.08 2.55 0.00	36.41 2.67 0.00	44.38 3.18 0.00	58.73 3.58 0.00	76.17 4.32 0.00	76.76 4.08 0.00	66.39 3.29 0.00	54.03 2.59 0.00	53.07 2.62 0.00	49.58 2.28 0.00	40.18 2.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.69 2.46 0.00	35.29 2.34 0.00	35.96 2.22 0.00	35.66 2.24 0.00	35.40 2.17 0.00	37.02 2.52 0.00	50.14 3.36 0.00	66.16 4.62 0.00	58.90 4.54 0.00	34.95 2.86 0.00	30.73 2.40 0.00	30.40 2.24 0.00	30.11 2.23 0.00	33.06 2.53 0.00	36.40 2.66 0.00	44.35 3.15 0.00	58.68 3.53 0.00	76.11 4.26 0.00	76.68 4.00 0.00	66.34 3.24 0.00	53.98 2.54 0.00	53.02 2.56 0.00	49.53 2.23 0.00	40.14 1.97 0.00
FARRAGUT___LBMP 323566	35.66 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	37.00 2.49 0.00	50.11 3.33 0.00	66.12 4.57 0.00	58.85 4.49 0.00	34.92 2.83 0.00	30.71 2.37 0.00	30.38 2.21 0.00	30.08 2.21 0.00	33.04 2.50 0.00	36.37 2.63 0.00	44.31 3.12 0.00	58.64 3.48 0.00	76.04 4.18 0.00	76.63 3.96 0.00	66.28 3.19 0.00	53.95 2.51 0.00	52.99 2.54 0.00	49.50 2.21 0.00	40.12 1.95 0.00
FENNER___WINDPWR 24204	33.42 0.19 0.00	33.19 0.23 0.00	34.00 0.25 0.00	33.71 0.29 0.00	33.51 0.29 0.00	34.99 0.48 0.00	47.58 0.80 0.00	62.48 0.94 0.00	54.82 0.47 0.00	32.22 0.13 0.00	28.34 0.01 0.00	28.19 0.03 0.00	27.90 0.02 0.00	30.46 -0.07 0.00	35.23 -0.15 -1.63	43.86 0.06 -2.62	55.65 0.49 0.00	72.69 0.84 0.00	73.60 0.92 0.00	63.90 0.80 0.00	52.00 0.56 0.00	53.59 0.52 -2.62	50.91 0.46 -3.16	38.53 0.36 0.00
FIBERTEK___ENERGY 23856	32.58 -0.64 0.00	32.34 -0.62 0.00	33.09 -0.65 0.00	32.81 -0.61 0.00	32.64 -0.58 0.00	33.99 -0.51 0.00	46.15 -0.63 0.00	60.66 -0.89 0.00	53.41 -0.95 0.00	31.56 -0.53 0.00	27.80 -0.53 0.00	27.63 -0.54 0.00	27.30 -0.57 0.00	29.89 -0.65 0.00	32.94 -0.80 0.00	40.38 -0.81 0.00	54.24 -0.91 0.00	70.74 -1.12 0.00	71.59 -1.09 0.00	62.15 -0.95 0.00	50.60 -0.84 0.00	49.63 -0.82 0.00	46.46 -0.84 0.00	37.50 -0.68 0.00
FITZPATRICK___ 23598	31.83 -1.39 0.00	31.59 -1.36 0.00	32.34 -1.40 0.00	32.05 -1.37 0.00	31.86 -1.36 0.00	33.12 -1.39 0.00	44.93 -1.86 0.00	59.07 -2.47 0.00	52.14 -2.22 0.00	30.84 -1.25 0.00	27.20 -1.13 0.00	27.02 -1.15 0.00	26.72 -1.16 0.00	29.21 -1.32 0.00	32.23 -1.51 0.00	39.44 -1.75 0.00	52.87 -2.28 0.00	68.85 -3.00 0.00	69.68 -2.99 0.00	60.51 -2.58 0.00	49.32 -2.12 0.00	48.39 -2.07 0.00	45.36 -1.94 0.00	36.61 -1.57 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.55 2.32 0.00	35.18 2.22 0.00	35.88 2.14 0.00	35.58 2.17 0.00	35.32 2.10 0.00	36.92 2.41 0.00	50.05 3.27 0.00	65.98 4.43 0.00	58.54 4.18 0.00	34.61 2.51 0.00	30.40 2.07 0.00	30.09 1.93 0.00	29.79 1.92 0.00	32.71 2.17 0.00	36.09 2.35 0.00	44.08 2.88 0.00	58.54 3.38 0.00	76.07 4.21 0.00	76.75 4.08 0.00	66.49 3.39 0.00	54.14 2.70 0.00	53.12 2.67 0.00	49.61 2.31 0.00	40.13 1.95 0.00
FORT ORANGE___ 23900	34.49 1.26 0.00	34.19 1.24 0.00	34.95 1.21 0.00	34.57 1.15 0.00	34.15 0.93 0.00	35.51 1.01 0.00	47.88 1.09 0.00	62.87 1.33 0.00	54.82 0.46 0.00	32.40 0.31 0.00	28.64 0.31 0.00	28.44 0.27 0.00	28.28 0.40 0.00	31.06 0.53 0.00	34.68 0.94 0.00	42.17 0.97 0.00	56.21 1.05 0.00	73.13 1.28 0.00	73.81 1.13 0.00	64.41 1.31 0.00	52.53 1.09 0.00	51.40 0.94 0.00	48.16 0.86 0.00	38.77 0.60 0.00
FORT_DRUM_COGEN 23780	32.22 -1.00 0.00	31.92 -1.03 0.00	32.71 -1.03 0.00	32.39 -1.03 0.00	32.27 -0.95 0.00	33.74 -0.76 0.00	46.25 -0.53 0.00	60.57 -0.97 0.00	52.25 -2.11 0.00	30.12 -1.98 0.00	26.50 -1.84 0.00	26.26 -1.91 0.00	26.04 -1.83 0.00	28.40 -2.14 0.00	31.86 -1.89 0.00	39.73 -1.47 0.00	54.08 -1.08 0.00	70.91 -0.95 0.00	72.07 -0.61 0.00	63.26 0.17 0.00	51.51 0.07 0.00	50.40 -0.05 0.00	47.42 0.12 0.00	38.18 0.00 0.00
FOX_HILLS___ESR 323835	35.88 2.65 0.00	35.48 2.52 0.00	36.17 2.43 0.00	35.92 2.50 0.00	35.64 2.41 0.00	37.24 2.73 0.00	50.25 3.47 0.00	66.20 4.65 0.00	58.99 4.63 0.00	35.00 2.91 0.00	30.74 2.41 0.00	30.40 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.41 2.67 0.00	44.38 3.19 0.00	58.57 3.41 0.00	75.89 4.03 0.00	76.61 3.94 0.00	66.32 3.22 0.00	54.01 2.57 0.00	53.16 2.71 0.00	49.73 2.43 0.00	40.35 2.18 0.00
FPL_FAR_ROCK_GT1 24212	35.85 2.62 0.00	35.43 2.47 0.00	36.08 2.34 0.00	35.79 2.37 0.00	35.49 2.27 0.00	37.19 2.69 0.00	50.26 3.48 0.00	66.49 4.95 0.00	59.20 4.84 0.00	34.94 2.85 0.00	30.91 2.57 0.00	30.54 2.38 0.00	30.27 2.39 0.00	33.25 2.71 0.00	36.70 2.96 0.00	44.81 3.61 0.00	62.53 4.15 -3.21	76.97 5.11 0.00	77.50 4.82 0.00	67.14 4.04 0.00	54.81 3.37 0.00	53.68 3.23 0.00	50.04 2.75 0.00	40.61 2.44 0.00
FPL_FAR_ROCK_GT2 23815	35.85 2.62 0.00	35.43 2.47 0.00	36.08 2.34 0.00	35.79 2.37 0.00	35.49 2.27 0.00	37.19 2.69 0.00	50.26 3.48 0.00	66.49 4.95 0.00	59.20 4.84 0.00	34.94 2.85 0.00	30.91 2.57 0.00	30.54 2.38 0.00	30.27 2.39 0.00	33.25 2.71 0.00	36.70 2.96 0.00	44.81 3.61 0.00	62.53 4.15 -3.21	76.97 5.11 0.00	77.50 4.82 0.00	67.14 4.04 0.00	54.81 3.37 0.00	53.68 3.23 0.00	50.04 2.75 0.00	40.61 2.44 0.00
FRANKLIN_FALL_HYD 24054	33.17 -0.06 0.00	32.86 -0.09 0.00	33.74 0.00 0.00	33.38 -0.04 0.00	33.33 0.11 0.00	34.66 0.16 0.00	47.20 0.42 0.00	62.34 0.80 0.00	54.99 0.62 0.00	32.30 0.20 0.00	28.39 0.06 0.00	28.17 0.00 0.00	27.75 -0.13 0.00	30.35 -0.18 0.00	33.67 -0.07 0.00	41.30 0.10 0.00	55.90 0.74 0.00	73.20 1.35 0.00	74.31 1.63 0.00	64.21 1.12 0.00	52.38 0.94 0.00	51.47 1.02 0.00	48.47 1.17 0.00	39.11 0.93 0.00

FREEPORT_EQUS_GT1 23764	35.58 2.35 0.00	35.16 2.21 0.00	35.80 2.05 0.00	35.52 2.10 0.00	35.19 1.97 0.00	36.88 2.38 0.00	49.67 2.89 0.00	65.78 4.23 0.00	58.57 4.22 0.00	34.53 2.44 0.00	30.54 2.21 0.00	30.15 1.99 0.00	29.90 2.03 0.00	32.85 2.31 0.00	36.28 2.54 0.00	44.34 3.15 0.00	61.64 3.78 -2.70	76.21 4.35 0.00	76.71 4.03 0.00	66.67 3.57 0.00	54.38 2.94 0.00	53.26 2.81 0.00	49.68 2.38 0.00	40.31 2.14 0.00
FREEPORT___CT2 23818	35.58 2.35 0.00	35.16 2.21 0.00	35.80 2.05 0.00	35.52 2.10 0.00	35.19 1.97 0.00	36.88 2.38 0.00	49.67 2.89 0.00	65.78 4.23 0.00	58.57 4.22 0.00	34.53 2.44 0.00	30.54 2.21 0.00	30.15 1.99 0.00	29.90 2.03 0.00	32.85 2.31 0.00	36.28 2.54 0.00	44.34 3.15 0.00	61.64 3.78 -2.70	76.21 4.35 0.00	76.71 4.03 0.00	66.67 3.57 0.00	54.38 2.94 0.00	53.26 2.81 0.00	49.68 2.38 0.00	40.31 2.14 0.00
FRESHKLS_33_KV_LOAD 356253	36.08 2.85 0.00	35.68 2.73 0.00	36.39 2.65 0.00	36.16 2.74 0.00	35.88 2.66 0.00	37.47 2.97 0.00	50.40 3.62 0.00	66.33 4.78 0.00	59.09 4.73 0.00	35.06 2.97 0.00	30.78 2.45 0.00	30.44 2.27 0.00	30.16 2.28 0.00	33.10 2.57 0.00	36.47 2.72 0.00	44.45 3.26 0.00	58.61 3.46 0.00	75.92 4.06 0.00	76.69 4.02 0.00	66.42 3.32 0.00	54.10 2.66 0.00	53.27 2.82 0.00	49.88 2.59 0.00	40.52 2.35 0.00
FULTON COGEN____ 23766	32.12 -1.10 0.00	31.87 -1.08 0.00	32.63 -1.11 0.00	32.33 -1.08 0.00	32.16 -1.06 0.00	33.41 -1.10 0.00	45.39 -1.39 0.00	59.72 -1.83 0.00	52.66 -1.70 0.00	31.11 -0.98 0.00	27.42 -0.91 0.00	27.23 -0.94 0.00	26.92 -0.95 0.00	29.46 -1.08 0.00	32.48 -1.26 0.00	39.86 -1.34 0.00	53.49 -1.67 0.00	69.66 -2.20 0.00	70.50 -2.18 0.00	61.27 -1.83 0.00	49.89 -1.55 0.00	48.93 -1.52 0.00	45.83 -1.47 0.00	36.97 -1.20 0.00
FULTON___LFGE 323630	33.89 0.66 0.00	33.62 0.67 0.00	34.39 0.65 0.00	34.06 0.64 0.00	33.96 0.73 0.00	35.29 0.79 0.00	48.02 1.23 0.00	62.91 1.36 0.00	54.49 0.14 0.00	31.76 -0.33 0.00	28.20 -0.14 0.00	28.19 0.02 0.00	27.82 -0.06 0.00	30.42 -0.11 0.00	33.68 -0.06 0.00	41.40 0.20 0.00	56.45 1.29 0.00	73.92 2.07 0.00	74.77 2.09 0.00	64.94 1.84 0.00	52.89 1.45 0.00	51.80 1.34 0.00	48.44 1.15 0.00	39.07 0.89 0.00
G.F.CEMENT___DRP 24184	34.92 1.69 0.00	34.53 1.58 0.00	35.28 1.54 0.00	34.92 1.50 0.00	34.73 1.51 0.00	36.23 1.72 0.00	48.74 1.97 0.00	64.15 2.61 0.00	56.23 1.87 0.00	32.95 0.86 0.00	28.92 0.58 0.00	28.72 0.55 0.00	28.85 0.97 0.00	31.57 1.03 0.00	35.03 1.29 0.00	42.78 1.58 0.00	57.32 2.16 0.00	74.79 2.93 0.00	75.50 2.82 0.00	65.97 2.88 0.00	53.62 2.18 0.00	52.35 1.89 0.00	49.32 2.03 0.00	39.80 1.63 0.00
GARDENVILLE___LBMP 24039	29.42 -3.81 0.00	29.19 -3.76 0.00	29.94 -3.80 0.00	29.67 -3.75 0.00	29.86 -3.36 0.00	31.17 -3.33 0.00	42.40 -4.39 0.00	55.72 -5.82 0.00	49.62 -4.74 0.00	29.88 -2.22 0.00	25.89 -2.45 0.00	25.66 -2.51 0.00	24.87 -3.01 0.00	27.08 -3.46 0.00	25.77 -4.18 3.79	30.61 -4.60 6.00	49.57 -5.58 0.00	64.48 -7.37 0.00	66.05 -6.63 0.00	57.29 -5.81 0.00	46.62 -4.81 0.00	40.13 -4.29 6.04	36.33 -3.70 7.26	35.45 -2.73 0.00
GARDNVLA_35_KV_LD 355827	29.67 -3.56 0.00	29.44 -3.51 0.00	30.19 -3.55 0.00	29.91 -3.51 0.00	30.09 -3.13 0.00	31.41 -3.10 0.00	42.73 -4.05 0.00	56.17 -5.37 0.00	50.05 -4.31 0.00	30.20 -1.89 0.00	26.23 -2.11 0.00	26.03 -2.14 0.00	25.23 -2.65 0.00	27.46 -3.08 0.00	26.74 -3.78 3.21	31.97 -4.13 5.10	50.20 -4.96 0.00	65.20 -6.65 0.00	66.74 -5.93 0.00	57.86 -5.23 0.00	47.05 -4.38 0.00	41.22 -3.92 5.31	37.51 -3.39 6.39	35.68 -2.49 0.00
GELCKHM___115KV_LOAD 80723	32.36 -0.87 0.00	32.11 -0.85 0.00	32.87 -0.87 0.00	32.57 -0.85 0.00	32.40 -0.82 0.00	33.71 -0.79 0.00	45.76 -1.02 0.00	60.17 -1.37 0.00	53.06 -1.30 0.00	31.39 -0.71 0.00	27.65 -0.69 0.00	27.46 -0.70 0.00	27.15 -0.73 0.00	29.69 -0.84 0.00	32.73 -1.00 0.00	40.12 -1.07 0.00	53.87 -1.29 0.00	70.16 -1.70 0.00	71.04 -1.64 0.00	61.69 -1.41 0.00	50.23 -1.21 0.00	49.28 -1.17 0.00	46.14 -1.15 0.00	37.24 -0.93 0.00
GENERAL___MILLS 23808	29.57 -3.66 0.00	29.35 -3.60 0.00	30.10 -3.65 0.00	29.83 -3.59 0.00	30.00 -3.23 0.00	31.30 -3.20 0.00	42.58 -4.20 0.00	55.97 -5.58 0.00	49.84 -4.52 0.00	30.08 -2.02 0.00	26.11 -2.22 0.00	25.91 -2.25 0.00	25.12 -2.76 0.00	27.34 -3.20 0.00	26.53 -3.92 3.30	31.67 -4.29 5.24	49.95 -5.21 0.00	64.87 -6.98 0.00	66.43 -6.25 0.00	57.56 -5.53 0.00	46.84 -4.59 0.00	40.91 -4.12 5.42	37.22 -3.55 6.53	35.55 -2.62 0.00
GE_PLASTICS___DRP 24183	34.30 1.08 0.00	34.02 1.06 0.00	34.78 1.04 0.00	34.43 1.01 0.00	34.05 0.83 0.00	35.39 0.89 0.00	47.77 0.98 0.00	62.79 1.24 0.00	55.17 0.81 0.00	32.62 0.53 0.00	28.79 0.45 0.00	28.57 0.41 0.00	28.40 0.52 0.00	31.17 0.63 0.00	34.63 0.89 0.00	42.14 0.95 0.00	56.08 0.92 0.00	72.85 0.99 0.00	73.52 0.84 0.00	64.10 1.01 0.00	52.30 0.86 0.00	51.22 0.77 0.00	47.99 0.70 0.00	38.69 0.52 0.00
GILBOA___1 23756	34.25 1.02 0.00	34.06 1.10 0.00	34.92 1.18 0.00	34.59 1.17 0.00	34.21 0.99 0.00	35.51 1.01 0.00	48.04 1.26 0.00	63.25 1.71 0.00	55.99 1.63 0.00	33.11 1.02 0.00	29.12 0.79 0.00	28.88 0.71 0.00	28.64 0.77 0.00	31.42 0.88 0.00	34.70 0.96 0.00	42.30 1.11 0.00	56.34 1.18 0.00	72.91 1.06 0.00	73.64 0.96 0.00	64.14 1.04 0.00	52.37 0.93 0.00	51.37 0.92 0.00	48.11 0.81 0.00	38.86 0.69 0.00
GILBOA___2 23757	34.25 1.02 0.00	34.06 1.10 0.00	34.92 1.18 0.00	34.59 1.17 0.00	34.21 0.99 0.00	35.51 1.01 0.00	48.04 1.26 0.00	63.25 1.71 0.00	55.99 1.63 0.00	33.11 1.02 0.00	29.12 0.79 0.00	28.88 0.71 0.00	28.64 0.77 0.00	31.42 0.88 0.00	34.70 0.96 0.00	42.30 1.11 0.00	56.34 1.18 0.00	72.91 1.06 0.00	73.64 0.96 0.00	64.14 1.04 0.00	52.37 0.93 0.00	51.37 0.92 0.00	48.11 0.81 0.00	38.86 0.69 0.00
GILBOA___3 23758	34.25 1.02 0.00	34.06 1.10 0.00	34.92 1.18 0.00	34.59 1.17 0.00	34.21 0.99 0.00	35.51 1.01 0.00	48.04 1.26 0.00	63.25 1.71 0.00	55.99 1.63 0.00	33.11 1.02 0.00	29.12 0.79 0.00	28.88 0.71 0.00	28.64 0.77 0.00	31.42 0.88 0.00	34.70 0.96 0.00	42.30 1.11 0.00	56.34 1.18 0.00	72.91 1.06 0.00	73.64 0.96 0.00	64.14 1.04 0.00	52.37 0.93 0.00	51.37 0.92 0.00	48.11 0.81 0.00	38.86 0.69 0.00
GILBOA___4 23759	34.25 1.02 0.00	34.06 1.10 0.00	34.92 1.18 0.00	34.59 1.17 0.00	34.21 0.99 0.00	35.51 1.01 0.00	48.04 1.26 0.00	63.25 1.71 0.00	55.99 1.63 0.00	33.11 1.02 0.00	29.12 0.79 0.00	28.88 0.71 0.00	28.64 0.77 0.00	31.42 0.88 0.00	34.70 0.96 0.00	42.30 1.11 0.00	56.34 1.18 0.00	72.91 1.06 0.00	73.64 0.96 0.00	64.14 1.04 0.00	52.37 0.93 0.00	51.37 0.92 0.00	48.11 0.81 0.00	38.86 0.69 0.00

GILBOA____ 23599	34.25 1.02 0.00	34.06 1.10 0.00	34.92 1.18 0.00	34.59 1.17 0.00	34.21 0.99 0.00	35.51 1.01 0.00	48.05 1.27 0.00	63.25 1.71 0.00	55.99 1.63 0.00	33.11 1.02 0.00	29.12 0.79 0.00	28.89 0.72 0.00	28.65 0.77 0.00	31.42 0.89 0.00	34.70 0.96 0.00	42.30 1.11 0.00	56.33 1.17 0.00	72.91 1.06 0.00	73.64 0.96 0.00	64.14 1.05 0.00	52.37 0.93 0.00	51.37 0.91 0.00	48.11 0.81 0.00	38.86 0.69 0.00
GINNA____ 23603	29.88 -3.35 0.00	29.61 -3.35 0.00	30.33 -3.41 0.00	30.06 -3.36 0.00	30.01 -3.21 0.00	31.32 -3.19 0.00	42.64 -4.14 0.00	56.02 -5.53 0.00	49.52 -4.84 0.00	29.49 -2.60 0.00	25.89 -2.45 0.00	25.68 -2.48 0.00	25.20 -2.67 0.00	27.49 -3.05 0.00	29.17 -3.49 1.08	35.66 -3.82 1.71	50.46 -4.70 0.00	65.69 -6.16 0.00	66.73 -5.95 0.00	57.83 -5.26 0.00	47.07 -4.36 0.00	44.48 -4.24 1.73	41.22 -3.99 2.08	35.00 -3.17 0.00
GLEN PARK____ 23778	32.27 -0.96 0.00	31.96 -1.00 0.00	32.75 -1.00 0.00	32.42 -1.00 0.00	32.30 -0.92 0.00	33.80 -0.71 0.00	46.35 -0.43 0.00	60.70 -0.85 0.00	52.25 -2.11 0.00	30.04 -2.06 0.00	26.41 -1.92 0.00	26.19 -1.98 0.00	25.95 -1.92 0.00	28.31 -2.22 0.00	31.77 -1.97 0.00	39.76 -1.43 0.00	54.19 -0.97 0.00	71.13 -0.72 0.00	72.33 -0.34 0.00	63.47 0.38 0.00	51.66 0.22 0.00	50.52 0.07 0.00	47.49 0.20 0.00	38.23 0.06 0.00
GLENDALE_27_KV_LOAD 356172	35.83 2.60 0.00	35.42 2.47 0.00	36.09 2.35 0.00	35.81 2.39 0.00	35.53 2.31 0.00	37.17 2.66 0.00	50.27 3.49 0.00	66.30 4.75 0.00	59.08 4.72 0.00	35.11 3.02 0.00	30.87 2.53 0.00	30.53 2.36 0.00	30.24 2.36 0.00	33.20 2.66 0.00	36.52 2.78 0.00	44.53 3.33 0.00	58.86 3.70 0.00	76.32 4.46 0.00	76.90 4.22 0.00	66.49 3.40 0.00	54.10 2.66 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.32 2.15 0.00
GLENWOOD_IC_1_G5 23712	35.60 2.37 0.00	35.20 2.25 0.00	35.86 2.12 0.00	35.58 2.16 0.00	35.28 2.06 0.00	36.94 2.44 0.00	49.99 3.21 0.00	66.06 4.52 0.00	58.82 4.46 0.00	34.78 2.69 0.00	30.68 2.34 0.00	30.32 2.05 0.00	30.04 2.17 0.00	32.99 2.46 0.00	36.39 2.65 0.00	44.40 3.20 0.00	62.24 3.63 -3.45	76.26 4.40 0.00	76.82 4.14 0.00	66.51 3.41 0.00	54.20 2.77 0.00	53.15 2.70 0.00	49.61 2.31 0.00	40.23 2.06 0.00
GLENWOOD_IC_2_G1 23688	35.50 2.28 0.00	35.11 2.17 0.00	35.79 2.04 0.00	35.51 2.09 0.00	35.22 1.99 0.00	36.85 2.35 0.00	49.88 3.10 0.00	65.88 4.33 0.00	58.62 4.26 0.00	34.69 2.59 0.00	30.56 2.23 0.00	30.22 2.05 0.00	29.94 2.06 0.00	32.87 2.33 0.00	36.24 2.50 0.00	44.20 3.01 0.00	58.68 3.37 -0.15	75.94 4.08 0.00	76.52 3.84 0.00	66.24 3.14 0.00	53.96 2.52 0.00	52.95 2.50 0.00	49.44 2.14 0.00	40.08 1.90 0.00
GLENWOOD_IC_3_G1 23689	35.50 2.28 0.00	35.11 2.17 0.00	35.79 2.04 0.00	35.51 2.09 0.00	35.22 1.99 0.00	36.85 2.35 0.00	49.88 3.10 0.00	65.88 4.33 0.00	58.62 4.26 0.00	34.69 2.59 0.00	30.56 2.23 0.00	30.22 2.05 0.00	29.94 2.06 0.00	32.87 2.33 0.00	36.24 2.50 0.00	44.20 3.01 0.00	58.68 3.37 -0.15	75.94 4.08 0.00	76.52 3.84 0.00	66.24 3.14 0.00	53.96 2.52 0.00	52.95 2.50 0.00	49.44 2.14 0.00	40.08 1.90 0.00
GLENWOOD____4 23550	35.60 2.37 0.00	35.20 2.25 0.00	35.86 2.12 0.00	35.58 2.16 0.00	35.28 2.06 0.00	36.94 2.44 0.00	49.99 3.21 0.00	66.06 4.52 0.00	58.82 4.46 0.00	34.78 2.69 0.00	30.68 2.34 0.00	30.32 2.15 0.00	30.04 2.17 0.00	32.99 2.46 0.00	36.39 2.65 0.00	44.40 3.20 0.00	62.24 3.63 -3.45	76.26 4.40 0.00	76.82 4.14 0.00	66.51 3.41 0.00	54.20 2.77 0.00	53.15 2.70 0.00	49.61 2.31 0.00	40.23 2.06 0.00
GLENWOOD____5 23614	35.60 2.37 0.00	35.20 2.25 0.00	35.86 2.12 0.00	35.58 2.16 0.00	35.28 2.06 0.00	36.94 2.44 0.00	49.99 3.21 0.00	66.06 4.52 0.00	58.82 4.46 0.00	34.78 2.69 0.00	30.68 2.34 0.00	30.32 2.15 0.00	30.04 2.17 0.00	32.99 2.46 0.00	36.39 2.65 0.00	44.40 3.20 0.00	62.24 3.63 -3.45	76.26 4.40 0.00	76.82 4.14 0.00	66.51 3.41 0.00	54.20 2.77 0.00	53.15 2.70 0.00	49.61 2.31 0.00	40.23 2.06 0.00
GLOBAL GREEN_PORT_GT1 23814	16.88 0.87 17.22	3.70 0.73 29.98	10.26 0.52 24.00	19.28 0.57 14.71	21.73 0.58 12.07	35.76 1.25 0.00	48.55 1.77 0.00	62.30 3.17 2.41	4.70 3.17 52.83	-14.99 1.79 48.86	-7.86 1.52 37.71	-18.87 1.09 48.13	-3.40 1.18 32.46	-0.39 1.34 32.27	5.41 1.46 29.79	23.31 1.91 19.80	27.86 2.14 29.44	24.51 2.80 50.15	40.64 2.28 34.32	65.48 2.38 0.00	52.98 2.00 0.47	51.03 2.09 1.51	49.37 2.07 0.00	39.71 1.56 0.03
GLOBE____DSASP 323697	27.90 -5.33 0.00	27.62 -5.33 0.00	28.35 -5.39 0.00	28.06 -5.36 0.00	28.20 -5.02 0.00	29.37 -5.13 0.00	39.82 -6.96 0.00	52.17 -9.38 0.00	46.62 -7.74 0.00	28.26 -3.84 0.00	24.65 -3.69 0.00	24.50 -3.67 0.00	23.72 -4.16 0.00	25.73 -4.80 0.00	25.60 -5.28 2.86	30.83 -5.82 4.55	47.15 -8.01 0.00	61.12 -10.73 0.00	62.49 -10.19 0.00	54.19 -8.91 0.00	44.20 -7.24 0.00	39.40 -6.39 4.66	35.95 -5.74 5.61	33.56 -4.62 0.00
GOETHSLN____LBMP 323567	35.57 2.34 0.00	35.17 2.22 0.00	35.83 2.09 0.00	35.54 2.12 0.00	35.27 2.05 0.00	36.90 2.39 0.00	49.99 3.21 0.00	65.95 4.40 0.00	58.68 4.32 0.00	34.81 2.72 0.00	30.60 2.27 0.00	30.28 2.11 0.00	29.99 2.11 0.00	32.94 2.40 0.00	36.26 2.52 0.00	44.18 2.99 0.00	58.47 3.32 0.00	75.83 3.97 0.00	76.43 3.76 0.00	66.09 2.99 0.00	53.78 2.34 0.00	52.83 2.38 0.00	49.33 2.04 0.00	40.01 1.83 0.00
GOLAH____69_KV_TB 1_2 80279	31.06 -2.17 0.00	30.77 -2.18 0.00	31.55 -2.20 0.00	31.25 -2.17 0.00	31.28 -1.94 0.00	32.63 -1.88 0.00	44.39 -2.40 0.00	58.35 -3.20 0.00	51.65 -2.71 0.00	30.80 -1.29 0.00	26.93 -1.41 0.00	26.73 -1.44 0.00	26.11 -1.77 0.00	28.42 -2.11 0.00	29.51 -2.52 1.71	35.98 -2.49 2.72	52.48 -2.67 0.00	68.39 -3.47 0.00	69.63 -3.05 0.00	60.30 -2.80 0.00	49.07 -2.36 0.00	45.48 -2.24 2.74	41.99 -2.01 3.30	36.66 -1.52 0.00
GOODYEAR_LAKE_HYD 323669	33.78 0.55 0.00	33.54 0.59 0.00	34.34 0.60 0.00	34.04 0.62 0.00	33.90 0.68 0.00	35.24 0.74 0.00	47.97 1.19 0.00	63.18 1.64 0.00	55.85 1.49 0.00	33.04 0.95 0.00	29.08 0.75 0.00	28.80 0.64 0.00	28.43 0.55 0.00	31.10 0.56 0.00	34.22 0.48 0.00	41.95 0.76 0.00	56.31 1.16 0.00	73.38 1.52 0.00	74.23 1.56 0.00	64.47 1.37 0.00	52.46 1.03 0.00	51.45 1.00 0.00	48.18 0.88 0.00	38.93 0.75 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.00 -0.23 0.00	32.77 -0.19 0.00	33.54 -0.20 0.00	33.23 -0.19 0.00	33.09 -0.13 0.00	34.47 -0.04 0.00	46.81 0.03 0.00	61.62 0.07 0.00	54.35 -0.01 0.00	32.30 0.21 0.00	28.29 -0.05 0.00	28.05 -0.12 0.00	27.64 -0.24 0.00	30.26 -0.28 0.00	32.54 -0.52 0.68	39.61 -0.49 1.09	54.66 -0.50 0.00	71.21 -0.65 0.00	72.17 -0.51 0.00	62.64 -0.46 0.00	50.91 -0.53 0.00	48.90 -0.50 1.06	45.53 -0.50 1.27	37.87 -0.31 0.00

GOUDEY___7 23579	33.00 -0.23 0.00	32.77 -0.19 0.00	33.54 -0.20 0.00	33.23 -0.19 0.00	33.09 -0.13 0.00	34.47 -0.04 0.00	46.81 0.03 0.00	61.62 0.07 0.00	54.35 -0.01 0.00	32.30 0.21 0.00	28.29 -0.05 0.00	28.05 -0.12 0.00	27.64 -0.24 0.00	30.26 -0.28 0.00	32.54 -0.52 0.68	39.61 -0.49 1.09	54.66 -0.50 0.00	71.21 -0.65 0.00	72.17 -0.51 0.00	62.64 -0.46 0.00	50.91 -0.53 0.00	48.90 -0.50 1.06	45.53 -0.50 1.27	37.87 -0.31 0.00
GOUDEY___8 23580	33.00 -0.23 0.00	32.77 -0.19 0.00	33.54 -0.20 0.00	33.23 -0.19 0.00	33.09 -0.13 0.00	34.47 -0.04 0.00	46.81 0.03 0.00	61.62 0.07 0.00	54.35 -0.01 0.00	32.30 0.21 0.00	28.29 -0.05 0.00	28.05 -0.12 0.00	27.64 -0.24 0.00	30.26 -0.28 0.00	32.54 -0.52 0.68	39.61 -0.49 1.09	54.66 -0.50 0.00	71.21 -0.65 0.00	72.17 -0.51 0.00	62.64 -0.46 0.00	50.91 -0.53 0.00	48.90 -0.50 1.06	45.53 -0.50 1.27	37.87 -0.31 0.00
GOWANUS_GT1_1 24077	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT1_2 24078	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT1_3 24079	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT1_4 24080	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT1_5 24084	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT1_6 24111	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT1_7 24112	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT1_8 24113	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT2_1 24114	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT2_2 24115	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT2_3 24116	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT2_4 24117	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT2_5 24118	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00

GOWANUS_GT2_6 24119	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT2_7 24120	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT2_8 24121	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT3_1 24122	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT3_2 24123	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT3_3 24124	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT3_4 24125	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT3_5 24126	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT3_6 24127	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT3_7 24128	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT3_8 24129	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
GOWANUS_GT4_1 24130	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT4_2 24131	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT4_3 24132	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT4_4 24133	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00

GOWANUS_GT4_5 24134	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT4_6 24135	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT4_7 24136	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GOWANUS_GT4_8 24137	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GREATVR_69_KV_BK1 356245	38.64 2.27 -3.14	39.83 2.12 -4.76	37.33 2.02 -1.57	28.92 2.23 6.72	29.76 2.06 5.51	37.01 2.51 0.00	50.08 3.30 0.00	66.81 4.83 -0.44	68.48 4.49 -9.63	43.57 2.57 -8.91	37.52 2.31 -6.87	39.02 2.08 -8.77	35.91 2.11 -5.92	38.83 2.41 -5.88	41.86 2.69 -5.43	48.21 3.40 -3.61	67.04 4.10 -7.78	86.00 5.00 -9.14	83.64 4.71 -6.26	66.98 3.88 0.00	54.37 3.14 0.21	52.69 2.93 0.69	49.74 2.44 0.00	40.37 2.21 0.01
GREENBSH_115KV_TB3 55895	34.35 1.13 0.00	34.06 1.11 0.00	34.80 1.06 0.00	34.44 1.02 0.00	34.00 0.78 0.00	35.33 0.83 0.00	47.62 0.83 0.00	62.53 0.99 0.00	54.57 0.21 0.00	32.33 0.23 0.00	28.59 0.25 0.00	28.37 0.21 0.00	28.23 0.35 0.00	30.99 0.45 0.00	34.62 0.88 0.00	42.06 0.86 0.00	55.91 0.76 0.00	72.66 0.80 0.00	73.30 0.62 0.00	63.99 0.89 0.00	52.20 0.77 0.00	51.10 0.65 0.00	47.89 0.60 0.00	38.56 0.39 0.00
GREENDGE_115KV_TB5 80291	31.65 -1.58 0.00	31.46 -1.49 0.00	32.22 -1.52 0.00	31.90 -1.52 0.00	32.03 -1.19 0.00	33.59 -0.91 0.00	45.50 -1.28 0.00	59.84 -1.71 0.00	52.48 -1.88 0.00	31.25 -0.84 0.00	26.90 -1.44 0.00	26.59 -1.57 0.00	25.98 -1.90 0.00	28.41 -2.12 0.00	19.08 -2.90 11.76	19.33 -2.99 18.87	52.06 -3.09 0.00	68.12 -3.73 0.01	69.57 -3.11 0.00	60.37 -2.73 0.00	48.71 -2.72 0.01	29.66 -2.50 18.30	23.34 -1.93 22.02	36.98 -1.19 0.00
GREENIDGE___3 23582	31.65 -1.58 0.00	31.46 -1.49 0.00	32.22 -1.52 0.00	31.90 -1.52 0.00	32.03 -1.19 0.00	33.59 -0.91 0.00	45.50 -1.28 0.00	59.84 -1.71 0.00	52.48 -1.88 0.00	31.25 -0.84 0.00	26.90 -1.44 0.00	26.59 -1.57 0.00	25.98 -1.90 0.00	28.41 -2.12 0.00	19.08 -2.90 11.76	19.33 -2.99 18.87	52.06 -3.09 0.00	68.12 -3.73 0.01	69.57 -3.11 0.00	60.37 -2.73 0.00	48.71 -2.72 0.01	29.66 -2.50 18.30	23.34 -1.93 22.02	36.98 -1.19 0.00
GREENIDGE___4 23583	31.65 -1.58 0.00	31.46 -1.50 0.00	32.22 -1.52 0.00	31.90 -1.52 0.00	32.03 -1.19 0.00	33.60 -0.91 0.00	45.50 -1.29 0.00	59.85 -1.69 0.00	52.48 -1.88 0.00	31.25 -0.84 0.00	26.90 -1.43 0.00	26.59 -1.57 0.00	25.98 -1.90 0.00	28.41 -2.12 0.00	19.06 -2.93 11.76	19.29 -3.04 18.87	52.06 -3.09 0.00	68.11 -3.73 0.01	69.57 -3.11 0.00	60.36 -2.74 0.00	48.70 -2.73 0.01	29.64 -2.52 18.30	23.31 -1.96 22.02	36.98 -1.19 0.00
GREENLWN_69_KV_BK 3 55738	35.04 1.81 0.00	34.83 1.73 -0.15	35.90 1.58 -0.58	36.98 1.62 -1.94	36.23 1.42 -1.59	36.31 1.80 0.00	49.09 2.30 0.00	65.05 3.50 0.00	57.96 3.60 0.00	34.21 2.12 0.00	30.39 2.06 0.00	30.01 1.85 0.00	29.76 1.88 0.00	32.68 2.15 0.00	36.10 2.36 0.00	44.01 2.82 0.00	60.11 2.91 -2.04	75.33 3.48 0.00	75.80 3.12 0.00	65.58 2.48 0.00	53.54 2.04 -0.06	52.58 1.92 -0.20	48.83 1.54 0.00	39.92 1.74 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00
GRISSOM___SOLAR 323813	34.14 0.91 0.00	33.87 0.92 0.00	34.65 0.91 0.00	34.30 0.88 0.00	34.16 0.94 0.00	35.55 1.04 0.00	48.28 1.50 0.00	63.20 1.66 0.00	54.63 0.26 0.00	31.78 -0.31 0.00	28.20 -0.13 0.00	28.23 0.06 0.00	27.88 0.00 0.00	30.52 -0.02 0.00	33.85 0.11 0.00	41.57 0.37 0.00	56.70 1.55 0.00	74.22 2.36 0.00	75.06 2.38 0.00	65.22 2.12 0.00	53.12 1.68 0.00	52.00 1.55 0.00	48.64 1.35 0.00	39.23 1.05 0.00
GROVEVILLE___HYD 323602	35.55 2.32 0.00	35.18 2.22 0.00	35.88 2.14 0.00	35.58 2.17 0.00	35.32 2.10 0.00	36.92 2.41 0.00	50.05 3.27 0.00	65.98 4.43 0.00	58.54 4.18 0.00	34.61 2.51 0.00	30.40 2.07 0.00	30.09 1.93 0.00	29.79 1.92 0.00	32.71 2.17 0.00	36.09 2.35 0.00	44.08 2.88 0.00	58.54 3.38 0.00	76.07 4.21 0.00	76.75 4.08 0.00	66.49 3.39 0.00	54.14 2.70 0.00	53.12 2.67 0.00	49.61 2.31 0.00	40.13 1.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.58 -0.64 0.00	32.34 -0.62 0.00	33.09 -0.65 0.00	32.81 -0.61 0.00	32.64 -0.58 0.00	33.99 -0.51 0.00	46.15 -0.63 0.00	60.66 -0.89 0.00	53.41 -0.95 0.00	31.56 -0.53 0.00	27.80 -0.53 0.00	27.63 -0.54 0.00	27.30 -0.57 0.00	29.89 -0.65 0.00	32.94 -0.80 0.00	40.38 -0.81 0.00	54.24 -0.91 0.00	70.74 -1.12 0.00	71.59 -1.09 0.00	62.15 -0.95 0.00	50.60 -0.84 0.00	49.63 -0.82 0.00	46.46 -0.84 0.00	37.50 -0.68 0.00
HAMLTNNY_34_KV_TB 80303	32.56 -0.66 0.00	32.31 -0.64 0.00	33.05 -0.69 0.00	32.80 -0.62 0.00	32.62 -0.60 0.00	34.02 -0.48 0.00	46.19 -0.59 0.00	60.68 -0.86 0.00	53.40 -0.96 0.00	31.53 -0.56 0.00	27.75 -0.59 0.00	27.57 -0.60 0.00	27.22 -0.65 0.00	29.77 -0.77 0.00	32.80 -0.94 0.00	40.25 -0.94 0.00	54.23 -0.93 0.00	70.80 -1.06 0.00	71.71 -0.97 0.00	62.18 -0.92 0.00	50.63 -0.81 0.00	49.66 -0.80 0.00	46.49 -0.81 0.00	37.54 -0.63 0.00

HAMPSHIRE___PAPER_HYD 323593	33.09 -0.13 0.00	32.78 -0.18 0.00	33.61 -0.14 0.00	33.19 -0.23 0.00	33.09 -0.13 0.00	34.46 -0.04 0.00	47.02 0.25 0.00	61.74 0.19 0.00	53.86 -0.50 0.00	31.43 -0.66 0.00	27.68 -0.66 0.00	27.43 -0.74 0.00	27.10 -0.78 0.00	29.62 -0.92 0.00	32.98 -0.76 0.00	40.65 -0.55 0.00	55.01 -0.15 0.00	71.87 0.01 0.00	72.94 0.27 0.00	63.56 0.47 0.00	51.86 0.42 0.00	50.96 0.51 0.00	48.03 0.74 0.00	38.72 0.55 0.00
HARDSCRABBLE_WT_PWR 323673	34.70 1.48 0.00	34.43 1.48 0.00	35.11 1.37 0.00	34.72 1.30 0.00	34.50 1.28 0.00	36.07 1.57 0.00	48.66 1.88 0.00	63.69 2.14 0.00	55.34 0.99 0.00	32.37 0.28 0.00	28.45 0.12 0.00	28.36 0.20 0.00	28.17 0.29 0.00	30.92 0.38 0.00	34.31 0.57 0.00	41.98 0.79 0.00	57.03 1.87 0.00	74.56 2.70 0.00	75.25 2.58 0.00	65.57 2.47 0.00	53.33 1.89 0.00	52.17 1.71 0.00	48.82 1.52 0.00	39.47 1.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.45 2.23 0.00	35.07 2.12 0.00	35.76 2.02 0.00	35.49 2.07 0.00	35.22 2.00 0.00	36.83 2.33 0.00	49.97 3.19 0.00	65.85 4.30 0.00	58.40 4.05 0.00	34.54 2.45 0.00	30.31 1.97 0.00	29.96 1.79 0.00	29.66 1.78 0.00	32.59 2.05 0.00	35.95 2.21 0.00	43.88 2.68 0.00	58.27 3.12 0.00	75.77 3.91 0.00	76.47 3.79 0.00	66.21 3.11 0.00	53.88 2.44 0.00	52.86 2.41 0.00	49.34 2.04 0.00	39.94 1.76 0.00
HARSNRAD_115KV_TB1 81005	29.13 -4.09 0.00	28.87 -4.08 0.00	29.62 -4.12 0.00	29.34 -4.08 0.00	29.49 -3.73 0.00	30.75 -3.76 0.00	41.73 -5.06 0.00	54.74 -6.81 0.00	48.82 -5.54 0.00	29.49 -2.60 0.00	25.69 -2.65 0.00	25.52 -2.65 0.00	24.71 -3.16 0.00	26.82 -3.72 0.00	26.57 -4.40 2.78	31.97 -4.82 4.40	49.21 -5.94 0.00	63.85 -8.01 0.00	65.31 -7.37 0.00	56.61 -6.49 0.00	46.15 -5.29 0.00	41.18 -4.79 4.49	37.76 -4.14 5.40	35.11 -3.07 0.00
HARZA MOOSE___RIVER 24016	33.01 -0.22 0.00	32.71 -0.24 0.00	33.53 -0.21 0.00	33.24 -0.18 0.00	33.10 -0.13 0.00	34.54 0.04 0.00	47.10 0.31 0.00	61.74 0.20 0.00	53.88 -0.47 0.00	31.46 -0.63 0.00	27.71 -0.62 0.00	27.51 -0.65 0.00	27.30 -0.57 0.00	29.78 -0.76 0.00	33.07 -0.67 0.00	40.74 -0.46 0.00	55.15 -0.01 0.00	72.02 0.16 0.00	73.00 0.32 0.00	63.86 0.76 0.00	52.06 0.62 0.00	50.99 0.53 0.00	47.86 0.56 0.00	38.60 0.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.37 -0.86 0.00	32.11 -0.84 0.00	32.89 -0.86 0.00	32.59 -0.84 0.00	32.41 -0.81 0.00	33.74 -0.76 0.00	45.79 -1.00 0.00	60.20 -1.34 0.00	53.10 -1.26 0.00	31.42 -0.67 0.00	27.67 -0.66 0.00	27.49 -0.68 0.00	27.16 -0.72 0.00	29.71 -0.82 0.00	32.74 -0.99 0.00	40.15 -1.04 0.00	53.88 -1.28 0.00	70.18 -1.68 0.00	71.04 -1.64 0.00	61.70 -1.40 0.00	50.23 -1.21 0.00	49.26 -1.19 0.00	46.14 -1.16 0.00	37.24 -0.93 0.00
HELLGATE_13_KV_LD 55870	35.89 2.67 0.00	35.49 2.54 0.00	36.16 2.42 0.00	35.87 2.45 0.00	35.61 2.38 0.00	37.24 2.73 0.00	50.34 3.56 0.00	66.43 4.88 0.00	59.20 4.84 0.00	35.16 3.07 0.00	30.91 2.58 0.00	30.59 2.42 0.00	30.30 2.42 0.00	33.26 2.72 0.00	36.58 2.84 0.00	44.58 3.38 0.00	58.93 3.78 0.00	76.39 4.54 0.00	77.00 4.32 0.00	66.58 3.48 0.00	54.18 2.74 0.00	53.27 2.81 0.00	49.80 2.51 0.00	40.37 2.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.89 2.67 0.00	35.49 2.54 0.00	36.16 2.42 0.00	35.87 2.45 0.00	35.61 2.38 0.00	37.24 2.73 0.00	50.34 3.56 0.00	66.43 4.88 0.00	59.20 4.84 0.00	35.16 3.07 0.00	30.91 2.58 0.00	30.59 2.42 0.00	30.30 2.42 0.00	33.26 2.72 0.00	36.58 2.84 0.00	44.58 3.38 0.00	58.93 3.78 0.00	76.39 4.54 0.00	77.00 4.32 0.00	66.58 3.48 0.00	54.18 2.74 0.00	53.27 2.81 0.00	49.80 2.51 0.00	40.37 2.20 0.00
HEMPSTEAD____ 23647	35.38 2.16 0.00	34.99 2.04 0.00	35.63 1.89 0.00	35.35 1.93 0.00	35.04 1.82 0.00	36.71 2.21 0.00	49.59 2.81 0.00	65.63 4.08 0.00	58.46 4.10 0.00	34.52 2.42 0.00	30.49 2.15 0.00	30.12 1.95 0.00	29.86 1.98 0.00	32.79 2.26 0.00	36.20 2.46 0.00	44.20 3.00 0.00	61.55 3.40 -2.99	75.89 4.03 0.00	76.42 3.74 0.00	66.19 3.09 0.00	53.98 2.54 0.00	52.91 2.45 0.00	49.36 2.06 0.00	40.05 1.87 0.00
HICKLING___1 23621	31.17 -2.06 0.00	30.99 -1.97 0.00	31.72 -2.02 0.00	31.39 -2.03 0.00	31.54 -1.68 0.00	33.02 -1.49 0.00	45.07 -1.71 0.00	59.56 -1.99 0.00	52.31 -2.05 0.00	31.33 -0.76 0.00	27.02 -1.32 0.00	26.78 -1.38 0.00	26.09 -1.79 0.00	28.57 -1.96 0.00	22.01 -2.90 8.84	23.80 -3.24 14.15	51.51 -3.64 0.00	67.33 -4.52 0.01	68.69 -3.99 0.00	59.61 -3.48 0.00	48.07 -3.36 0.00	33.46 -3.19 13.80	27.78 -2.90 16.61	36.24 -1.93 0.00
HICKLING___2 23622	31.17 -2.06 0.00	30.99 -1.97 0.00	31.72 -2.02 0.00	31.39 -2.03 0.00	31.54 -1.68 0.00	33.02 -1.49 0.00	45.07 -1.71 0.00	59.56 -1.99 0.00	52.31 -2.05 0.00	31.33 -0.76 0.00	27.02 -1.32 0.00	26.78 -1.38 0.00	26.09 -1.79 0.00	28.57 -1.96 0.00	22.01 -2.90 8.84	23.80 -3.24 14.15	51.51 -3.64 0.00	67.33 -4.52 0.01	68.69 -3.99 0.00	59.61 -3.48 0.00	48.07 -3.36 0.00	33.46 -3.19 13.80	27.78 -2.90 16.61	36.24 -1.93 0.00
HIGH FALLS___HY 23754	35.43 2.20 0.00	35.06 2.11 0.00	35.79 2.05 0.00	35.51 2.09 0.00	35.28 2.06 0.00	36.88 2.38 0.00	50.08 3.30 0.00	66.06 4.52 0.00	58.65 4.29 0.00	34.64 2.54 0.00	30.35 2.02 0.00	29.98 1.82 0.00	29.64 1.76 0.00	32.37 1.84 0.00	35.68 1.94 0.00	43.70 2.50 0.00	58.25 3.10 0.00	75.80 3.94 0.00	76.55 3.87 0.00	66.27 3.18 0.00	53.99 2.55 0.00	53.26 2.81 0.00	49.67 2.38 0.00	40.18 2.00 0.00
HIGH_RIVER___SOLAR 323847	34.02 0.80 0.00	33.75 0.80 0.00	34.53 0.78 0.00	34.19 0.77 0.00	34.05 0.83 0.00	35.43 0.93 0.00	48.09 1.30 0.00	62.87 1.33 0.00	54.65 0.29 0.00	31.97 -0.12 0.00	28.28 -0.06 0.00	28.22 0.06 0.00	27.87 -0.01 0.00	30.55 0.02 0.00	33.77 0.03 0.00	41.35 0.15 0.00	56.42 1.26 0.00	73.86 2.01 0.00	74.69 2.02 0.00	64.92 1.82 0.00	52.89 1.45 0.00	51.77 1.32 0.00	48.46 1.16 0.00	39.09 0.92 0.00
HILLBURN___GT 23639	35.39 2.17 0.00	35.02 2.06 0.00	35.69 1.95 0.00	35.43 2.01 0.00	35.16 1.94 0.00	36.76 2.25 0.00	49.88 3.10 0.00	65.76 4.21 0.00	58.37 4.01 0.00	34.52 2.43 0.00	30.31 1.97 0.00	29.98 1.81 0.00	29.68 1.81 0.00	32.61 2.07 0.00	35.95 2.21 0.00	43.83 2.63 0.00	58.11 2.96 0.00	75.56 3.70 0.00	76.25 3.57 0.00	65.97 2.87 0.00	53.71 2.27 0.00	52.71 2.25 0.00	49.19 1.89 0.00	39.83 1.66 0.00
HILLSIDE_115KV_TB1 80332	31.06 -2.16 0.00	30.90 -2.05 0.00	31.61 -2.13 0.00	31.28 -2.14 0.00	31.42 -1.80 0.00	32.84 -1.66 0.00	44.82 -1.97 0.00	59.34 -2.21 0.00	52.13 -2.24 0.00	31.31 -0.78 0.00	27.06 -1.27 0.00	26.85 -1.31 0.00	26.17 -1.71 0.00	28.65 -1.88 0.00	22.48 -2.89 8.37	24.41 -3.39 13.39	51.13 -4.02 0.00	66.75 -5.10 0.01	68.06 -4.62 0.00	59.01 -4.08 0.00	47.57 -3.87 0.00	33.64 -3.72 13.09	28.07 -3.47 15.76	35.81 -2.37 0.00

HISHELDN_WT_PWR 323625	29.19 -4.04 0.00	28.98 -3.97 0.00	29.74 -4.00 0.00	29.47 -3.95 0.00	29.70 -3.52 0.00	31.06 -3.44 0.00	42.26 -4.52 0.00	55.61 -5.93 0.00	49.39 -4.97 0.00	29.54 -2.55 0.00	25.44 -2.90 0.00	25.15 -3.01 0.00	24.38 -3.50 0.00	26.61 -3.93 0.00	24.40 -4.76 4.58	28.72 -5.27 7.21	48.91 -6.24 0.00	63.79 -8.06 0.00	65.40 -7.28 0.00	56.95 -6.15 0.00	46.36 -5.08 0.00	38.86 -4.50 7.10	34.91 -3.85 8.54	35.39 -2.78 0.00
HOLTSVILLE_IC_1 23690	33.67 1.82 1.37	31.22 1.68 3.41	29.29 1.52 5.97	20.20 1.56 14.77	22.51 1.41 12.12	36.39 1.89 0.00	49.18 2.40 0.00	65.03 3.67 0.19	53.89 3.74 4.21	30.37 2.17 3.89	27.34 2.01 3.00	26.12 1.79 3.83	27.12 1.83 2.59	30.04 2.08 2.57	33.62 2.26 2.37	42.40 2.78 1.58	57.73 3.11 0.54	71.48 3.62 3.99	73.17 3.23 2.73	65.52 2.42 0.00	52.98 2.01 0.47	50.80 1.87 1.52	48.85 1.55 0.00	39.67 1.53 0.03
HOLTSVILLE_IC_10 23699	42.47 1.90 -7.34	45.94 1.75 -11.24	39.45 1.60 -4.11	20.84 1.64 14.22	23.05 1.49 11.66	36.49 1.99 0.00	49.33 2.55 0.00	66.46 3.88 -1.03	80.76 3.89 -22.51	55.17 2.26 -20.82	46.50 2.10 -16.07	50.54 1.87 -20.51	43.62 1.91 -13.83	46.45 2.16 -13.75	48.81 2.38 -12.70	52.58 2.95 -8.44	73.89 3.36 -15.37	97.19 3.96 -21.37	90.89 3.59 -14.62	65.81 2.71 0.00	53.21 2.23 0.45	51.07 2.08 1.46	49.01 1.72 0.00	39.80 1.66 0.03
HOLTSVILLE_IC_2 23691	33.67 1.82 1.37	31.22 1.68 3.41	29.29 1.52 5.97	20.20 1.56 14.77	22.51 1.41 12.12	36.39 1.89 0.00	49.18 2.40 0.00	65.03 3.67 0.19	53.89 3.74 4.21	30.37 2.17 3.89	27.34 2.01 3.00	26.12 1.79 3.83	27.12 1.83 2.59	30.04 2.08 2.57	33.62 2.26 2.37	42.40 2.78 1.58	57.73 3.11 0.54	71.48 3.62 3.99	73.17 3.23 2.73	65.52 2.42 0.00	52.98 2.01 0.47	50.80 1.87 1.52	48.85 1.55 0.00	39.67 1.53 0.03
HOLTSVILLE_IC_3 23692	33.67 1.82 1.37	31.22 1.68 3.41	29.29 1.52 5.97	20.20 1.56 14.77	22.51 1.41 12.12	36.39 1.89 0.00	49.18 2.40 0.00	65.03 3.67 0.19	53.89 3.74 4.21	30.37 2.17 3.89	27.34 2.01 3.00	26.12 1.79 3.83	27.12 1.83 2.59	30.04 2.08 2.57	33.62 2.26 2.37	42.40 2.78 1.58	57.73 3.11 0.54	71.48 3.62 3.99	73.17 3.23 2.73	65.52 2.42 0.00	52.98 2.01 0.47	50.80 1.87 1.52	48.85 1.55 0.00	39.67 1.53 0.03
HOLTSVILLE_IC_4 23693	33.67 1.82 1.37	31.22 1.68 3.41	29.29 1.52 5.97	20.20 1.56 14.77	22.51 1.41 12.12	36.39 1.89 0.00	49.18 2.40 0.00	65.03 3.67 0.19	53.89 3.74 4.21	30.37 2.17 3.89	27.34 2.01 3.00	26.12 1.79 3.83	27.12 1.83 2.59	30.04 2.08 2.57	33.62 2.26 2.37	42.40 2.78 1.58	57.73 3.11 0.54	71.48 3.62 3.99	73.17 3.23 2.73	65.52 2.42 0.00	52.98 2.01 0.47	50.80 1.87 1.52	48.85 1.55 0.00	39.67 1.53 0.03
HOLTSVILLE_IC_5 23694	33.67 1.82 1.37	31.22 1.68 3.41	29.29 1.52 5.97	20.20 1.56 14.77	22.51 1.41 12.12	36.39 1.89 0.00	49.18 2.40 0.00	65.03 3.67 0.19	53.89 3.74 4.21	30.37 2.17 3.89	27.34 2.01 3.00	26.12 1.79 3.83	27.12 1.83 2.59	30.04 2.08 2.57	33.62 2.26 2.37	42.40 2.78 1.58	57.73 3.11 0.54	71.48 3.62 3.99	73.17 3.23 2.73	65.52 2.42 0.00	52.98 2.01 0.47	50.80 1.87 1.52	48.85 1.55 0.00	39.67 1.53 0.03
HOLTSVILLE_IC_6 23695	42.47 1.90 -7.34	45.94 1.75 -11.24	39.45 1.60 -4.11	20.84 1.64 14.22	23.05 1.49 11.66	36.49 1.99 0.00	49.33 2.55 0.00	66.46 3.88 -1.03	80.76 3.89 -22.51	55.17 2.26 -20.82	46.50 2.10 -16.07	50.54 1.87 -20.51	43.62 1.91 -13.83	46.45 2.16 -13.75	48.81 2.38 -12.70	52.58 2.95 -8.44	73.89 3.36 -15.37	97.19 3.96 -21.37	90.89 3.59 -14.62	65.81 2.71 0.00	53.21 2.23 0.45	51.07 2.08 1.46	49.01 1.72 0.00	39.80 1.66 0.03
HOLTSVILLE_IC_7 23696	42.47 1.90 -7.34	45.94 1.75 -11.24	39.45 1.60 -4.11	20.84 1.64 14.22	23.05 1.49 11.66	36.49 1.99 0.00	49.33 2.55 0.00	66.46 3.88 -1.03	80.76 3.89 -22.51	55.17 2.26 -20.82	46.50 2.10 -16.07	50.54 1.87 -20.51	43.62 1.91 -13.83	46.45 2.16 -13.75	48.81 2.38 -12.70	52.58 2.95 -8.44	73.89 3.36 -15.37	97.19 3.96 -21.37	90.89 3.59 -14.62	65.81 2.71 0.00	53.21 2.23 0.45	51.07 2.08 1.46	49.01 1.72 0.00	39.80 1.66 0.03
HOLTSVILLE_IC_8 23697	42.47 1.90 -7.34	45.94 1.75 -11.24	39.45 1.60 -4.11	20.84 1.64 14.22	23.05 1.49 11.66	36.49 1.99 0.00	49.33 2.55 0.00	66.46 3.88 -1.03	80.76 3.89 -22.51	55.17 2.26 -20.82	46.50 2.10 -16.07	50.54 1.87 -20.51	43.62 1.91 -13.83	46.45 2.16 -13.75	48.81 2.38 -12.70	52.58 2.95 -8.44	73.89 3.36 -15.37	97.19 3.96 -21.37	90.89 3.59 -14.62	65.81 2.71 0.00	53.21 2.23 0.45	51.07 2.08 1.46	49.01 1.72 0.00	39.80 1.66 0.03
HOLTSVILLE_IC_9 23698	42.47 1.90 -7.34	45.94 1.75 -11.24	39.45 1.60 -4.11	20.84 1.64 14.22	23.05 1.49 11.66	36.49 1.99 0.00	49.33 2.55 0.00	66.46 3.88 -1.03	80.76 3.89 -22.51	55.17 2.26 -20.82	46.50 2.10 -16.07	50.54 1.87 -20.51	43.62 1.91 -13.83	46.45 2.16 -13.75	48.81 2.38 -12.70	52.58 2.95 -8.44	73.89 3.36 -15.37	97.19 3.96 -21.37	90.89 3.59 -14.62	65.81 2.71 0.00	53.21 2.23 0.45	51.07 2.08 1.46	49.01 1.72 0.00	39.80 1.66 0.03
HOMER_HL_115KV_TB2 355744	30.76 -2.46 0.00	30.54 -2.41 0.00	31.32 -2.42 0.00	31.12 -2.29 0.00	31.19 -2.03 0.00	32.60 -1.90 0.00	44.61 -2.18 0.00	58.94 -2.61 0.00	52.33 -2.03 0.00	31.48 -0.62 0.00	27.21 -1.13 0.00	26.91 -1.26 0.00	26.13 -1.75 0.00	28.50 -2.04 0.00	27.36 -2.66 3.72	32.28 -2.99 5.92	51.54 -3.62 0.00	66.81 -5.04 0.00	68.38 -4.30 0.00	59.05 -4.05 0.00	47.79 -3.65 0.00	40.21 -3.30 6.95	35.90 -3.03 8.36	36.01 -2.17 0.00
HOWARD_WT_PWR 323690	29.58 -3.65 0.00	29.41 -3.55 0.00	30.10 -3.64 0.00	29.76 -3.66 0.00	29.99 -3.23 0.00	31.60 -2.91 0.00	43.02 -3.76 0.00	56.43 -5.12 0.00	49.55 -4.81 0.00	29.40 -2.70 0.00	25.01 -3.33 0.00	24.46 -3.71 0.00	23.78 -4.09 0.00	26.02 -4.51 0.00	18.94 -5.46 9.34	20.02 -6.11 15.06	48.52 -6.63 0.00	64.68 -7.17 0.01	66.52 -6.16 0.00	57.90 -5.20 0.00	46.68 -4.75 0.00	33.00 -4.03 13.43	27.73 -3.41 16.16	35.87 -2.30 0.00
HQ_GEN_CEDARS 23644	33.93 0.70 0.00	33.62 0.66 0.00	34.48 0.74 0.00	34.11 0.69 0.00	34.02 0.80 0.00	35.29 0.79 0.00	47.97 1.19 0.00	63.13 1.58 0.00	55.63 1.27 0.00	32.69 0.60 0.00	28.79 0.46 0.00	28.58 0.42 0.00	28.21 0.34 0.00	30.93 0.39 0.00	34.28 0.54 0.00	41.92 0.73 0.00	56.42 1.27 0.00	73.74 1.88 0.00	74.72 2.04 0.00	64.59 1.49 0.00	52.67 1.23 0.00	51.74 1.29 0.00	48.68 1.39 0.00	39.26 1.08 0.00
HQ_GEN_CEDARS_PROXY 323590	33.93 0.70 0.00	33.62 0.66 0.00	34.48 0.74 0.00	34.11 0.69 0.00	34.02 0.80 0.00	35.29 0.79 0.00	47.97 1.19 0.00	66.24 1.58 -3.11	55.63 1.27 0.00	32.69 0.60 0.00	28.79 0.45 0.00	28.58 0.42 0.00	28.21 0.34 0.00	30.93 0.39 0.00	34.28 0.54 0.00	41.92 0.72 0.00	56.42 1.27 0.00	73.74 1.89 0.00	74.72 2.04 0.00	64.59 1.49 0.00	52.67 1.23 0.00	51.74 1.29 0.00	48.68 1.39 0.00	39.26 1.08 0.00

HQ_GEN_IMPORT 323601	33.42 0.19 0.00	33.12 0.17 0.00	33.95 0.21 0.00	33.61 0.19 0.00	33.46 0.24 0.00	34.68 0.18 0.00	47.11 0.33 0.00	74.07 0.44 -12.08	33.01 0.41 21.76	32.28 0.19 0.00	28.47 0.14 0.00	28.29 0.12 0.00	27.96 0.09 0.00	30.63 0.09 0.00	33.88 0.14 0.00	41.35 0.15 0.00	55.53 0.37 0.00	72.52 0.66 0.00	73.41 0.73 0.00	63.59 0.49 0.00	51.85 0.41 0.00	50.01 0.43 0.87	47.75 0.46 0.00	38.51 0.34 0.00
HQ_GEN_WHEEL 23651	33.42 0.19 0.00	33.12 0.17 0.00	33.95 0.21 0.00	33.61 0.19 0.00	33.46 0.24 0.00	34.68 0.18 0.00	47.11 0.33 0.00	74.07 0.44 -12.08	33.01 0.41 21.76	32.28 0.19 0.00	28.47 0.14 0.00	28.29 0.12 0.00	27.96 0.09 0.00	30.63 0.09 0.00	33.88 0.14 0.00	41.35 0.15 0.00	55.53 0.37 0.00	72.52 0.66 0.00	73.41 0.73 0.00	63.59 0.49 0.00	51.85 0.41 0.00	50.01 0.43 0.87	47.75 0.46 0.00	38.51 0.34 0.00
HUDSON AVE_GT_3 23810	35.71 2.48 0.00	35.32 2.36 0.00	35.98 2.24 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.05 2.55 0.00	50.18 3.40 0.00	66.22 4.67 0.00	58.95 4.59 0.00	34.99 2.90 0.00	30.76 2.43 0.00	30.43 2.27 0.00	30.14 2.26 0.00	33.10 2.56 0.00	36.43 2.69 0.00	44.39 3.19 0.00	58.74 3.59 0.00	76.19 4.33 0.00	76.78 4.10 0.00	66.41 3.31 0.00	54.04 2.60 0.00	53.09 2.64 0.00	49.59 2.29 0.00	40.18 2.01 0.00
HUDSON AVE_GT_4 23540	35.71 2.48 0.00	35.32 2.36 0.00	35.98 2.24 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.05 2.55 0.00	50.18 3.40 0.00	66.22 4.67 0.00	58.95 4.59 0.00	34.99 2.90 0.00	30.76 2.43 0.00	30.43 2.27 0.00	30.14 2.26 0.00	33.10 2.56 0.00	36.43 2.69 0.00	44.39 3.19 0.00	58.74 3.59 0.00	76.19 4.33 0.00	76.78 4.10 0.00	66.41 3.31 0.00	54.04 2.60 0.00	53.09 2.64 0.00	49.59 2.29 0.00	40.18 2.01 0.00
HUDSON AVE_GT_5 23657	35.71 2.48 0.00	35.32 2.36 0.00	35.98 2.24 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.05 2.55 0.00	50.18 3.40 0.00	66.22 4.67 0.00	58.95 4.59 0.00	34.99 2.90 0.00	30.76 2.43 0.00	30.43 2.27 0.00	30.14 2.26 0.00	33.10 2.56 0.00	36.43 2.69 0.00	44.39 3.19 0.00	58.74 3.59 0.00	76.19 4.33 0.00	76.78 4.10 0.00	66.41 3.31 0.00	54.04 2.60 0.00	53.09 2.64 0.00	49.59 2.29 0.00	40.18 2.01 0.00
HUDSON_AVE_10 24168	35.60 2.37 0.00	35.21 2.26 0.00	35.87 2.13 0.00	35.57 2.15 0.00	35.27 2.05 0.00	36.93 2.42 0.00	50.02 3.24 0.00	66.01 4.46 0.00	58.76 4.40 0.00	34.90 2.81 0.00	30.68 2.35 0.00	30.36 2.19 0.00	30.07 2.19 0.00	33.02 2.49 0.00	36.36 2.62 0.00	44.29 3.10 0.00	58.58 3.42 0.00	75.96 4.11 0.00	76.52 3.85 0.00	66.20 3.10 0.00	53.86 2.42 0.00	52.90 2.45 0.00	49.40 2.10 0.00	40.03 1.86 0.00
HUDSON___115KV_TB 4 355613	34.78 1.56 0.00	34.48 1.53 0.00	35.26 1.52 0.00	34.89 1.47 0.00	34.48 1.26 0.00	35.90 1.39 0.00	48.49 1.71 0.00	63.68 2.13 0.00	55.40 1.04 0.00	32.58 0.49 0.00	28.78 0.44 0.00	28.59 0.42 0.00	28.43 0.55 0.00	31.25 0.72 0.00	34.85 1.11 0.00	42.46 1.26 0.00	56.97 1.81 0.00	74.31 2.46 0.00	75.03 2.35 0.00	65.41 2.32 0.00	53.31 1.87 0.00	52.12 1.66 0.00	48.79 1.50 0.00	39.26 1.09 0.00
HUNTER MOUNT___DRP 323613	34.79 1.57 0.00	34.50 1.55 0.00	35.29 1.55 0.00	34.92 1.50 0.00	34.51 1.29 0.00	35.92 1.41 0.00	48.54 1.76 0.00	63.79 2.24 0.00	55.44 1.08 0.00	32.52 0.43 0.00	28.73 0.40 0.00	28.57 0.41 0.00	28.42 0.54 0.00	31.26 0.72 0.00	34.87 1.13 0.00	42.54 1.34 0.00	57.13 1.97 0.00	74.58 2.72 0.00	75.31 2.64 0.00	65.65 2.55 0.00	53.48 2.04 0.00	52.25 1.80 0.00	48.90 1.60 0.00	39.33 1.15 0.00
HUNTINGTON_RES_REC 323705	36.47 1.81 -1.44	35.05 1.69 -0.40	28.94 1.54 6.35	8.25 1.58 26.75	12.69 1.41 21.94	36.34 1.83 0.00	49.15 2.37 0.00	65.36 3.61 -0.20	62.43 3.66 -4.41	38.28 2.11 -4.08	33.50 2.02 -3.15	33.98 1.79 -4.02	32.42 1.83 -2.71	35.33 2.09 -2.69	38.54 2.31 -2.49	45.67 2.82 -1.65	62.86 3.07 -4.63	79.74 3.69 -4.19	78.87 3.32 -2.87	65.67 2.57 0.00	52.70 2.11 0.85	49.67 1.97 2.75	48.87 1.58 0.00	39.80 1.68 0.05
HUNTLEY___63 23557	29.07 -4.16 0.00	28.81 -4.15 0.00	29.55 -4.19 0.00	29.25 -4.17 0.00	29.40 -3.82 0.00	30.67 -3.83 0.00	41.66 -5.12 0.00	54.67 -6.88 0.00	48.76 -5.60 0.00	29.48 -2.61 0.00	25.65 -2.69 0.00	25.48 -2.68 0.00	24.68 -3.19 0.00	26.82 -3.72 0.00	26.49 -4.30 2.95	31.85 -4.66 4.69	49.18 -5.98 0.00	63.83 -8.03 0.00	65.31 -7.36 0.00	56.58 -6.52 0.00	46.10 -5.33 0.00	40.89 -4.75 4.81	37.35 -4.15 5.79	34.98 -3.19 0.00
HUNTLEY___64 23558	29.07 -4.16 0.00	28.81 -4.15 0.00	29.55 -4.19 0.00	29.25 -4.17 0.00	29.40 -3.82 0.00	30.67 -3.83 0.00	41.66 -5.12 0.00	54.67 -6.88 0.00	48.76 -5.60 0.00	29.48 -2.61 0.00	25.65 -2.69 0.00	25.48 -2.68 0.00	24.68 -3.19 0.00	26.82 -3.72 0.00	26.49 -4.30 2.95	31.85 -4.66 4.69	49.18 -5.98 0.00	63.83 -8.03 0.00	65.31 -7.36 0.00	56.58 -6.52 0.00	46.10 -5.33 0.00	40.89 -4.75 4.81	37.35 -4.15 5.79	34.98 -3.19 0.00
HUNTLEY___65 23559	29.07 -4.16 0.00	28.81 -4.15 0.00	29.55 -4.19 0.00	29.25 -4.17 0.00	29.40 -3.82 0.00	30.67 -3.83 0.00	41.66 -5.12 0.00	54.67 -6.88 0.00	48.76 -5.60 0.00	29.48 -2.61 0.00	25.65 -2.69 0.00	25.48 -2.68 0.00	24.68 -3.19 0.00	26.82 -3.72 0.00	26.49 -4.30 2.95	31.85 -4.66 4.69	49.18 -5.98 0.00	63.83 -8.03 0.00	65.31 -7.36 0.00	56.58 -6.52 0.00	46.10 -5.33 0.00	40.89 -4.75 4.81	37.35 -4.15 5.79	34.98 -3.19 0.00
HUNTLEY___66 23560	29.07 -4.16 0.00	28.81 -4.15 0.00	29.55 -4.19 0.00	29.25 -4.17 0.00	29.40 -3.82 0.00	30.67 -3.83 0.00	41.66 -5.12 0.00	54.67 -6.88 0.00	48.76 -5.60 0.00	29.48 -2.61 0.00	25.65 -2.69 0.00	25.48 -2.68 0.00	24.68 -3.19 0.00	26.82 -3.72 0.00	26.49 -4.30 2.95	31.85 -4.66 4.69	49.18 -5.98 0.00	63.83 -8.03 0.00	65.31 -7.36 0.00	56.58 -6.52 0.00	46.10 -5.33 0.00	40.89 -4.75 4.81	37.35 -4.15 5.79	34.98 -3.19 0.00
HUNTLEY___67 23561	29.27 -3.95 0.00	29.04 -3.92 0.00	29.79 -3.95 0.00	29.52 -3.90 0.00	29.67 -3.55 0.00	30.92 -3.58 0.00	41.99 -4.80 0.00	55.11 -6.44 0.00	49.16 -5.20 0.00	29.73 -2.36 0.00	25.89 -2.45 0.00	25.70 -2.47 0.00	24.91 -2.96 0.00	27.07 -3.47 0.00	26.60 -4.18 2.96	31.87 -4.62 4.70	49.45 -5.71 0.00	64.17 -7.68 0.00	65.65 -7.03 0.00	56.89 -6.21 0.00	46.33 -5.11 0.00	40.99 -4.64 4.83	37.45 -4.04 5.81	35.15 -3.03 0.00
HUNTLEY___68 23562	29.27 -3.95 0.00	29.04 -3.92 0.00	29.79 -3.95 0.00	29.52 -3.90 0.00	29.67 -3.55 0.00	30.92 -3.58 0.00	41.99 -4.80 0.00	55.11 -6.44 0.00	49.16 -5.20 0.00	29.73 -2.36 0.00	25.89 -2.45 0.00	25.70 -2.47 0.00	24.91 -2.96 0.00	27.07 -3.47 0.00	26.60 -4.18 2.96	31.87 -4.62 4.70	49.45 -5.71 0.00	64.17 -7.68 0.00	65.65 -7.03 0.00	56.89 -6.21 0.00	46.33 -5.11 0.00	40.99 -4.64 4.83	37.45 -4.04 5.81	35.15 -3.03 0.00

HYLAND___LFGE 323620	31.90 -1.33 0.00	31.62 -1.34 0.00	32.31 -1.43 0.00	32.01 -1.41 0.00	32.16 -1.06 0.00	33.75 -0.75 0.00	46.23 -0.55 0.00	60.77 -0.77 0.00	52.73 -1.63 0.00	30.78 -1.31 0.00	26.70 -1.64 0.00	26.40 -1.77 0.00	25.75 -2.13 0.00	28.11 -2.42 0.00	25.75 -2.88 5.11	30.13 -2.77 8.30	52.77 -2.39 0.00	70.16 -1.69 0.00	71.92 -0.76 0.00	62.48 -0.62 0.00	50.74 -0.69 0.00	42.02 -0.60 7.83	37.40 -0.47 9.43	37.91 -0.26 0.00
INDECK___CORINTH 23802	34.46 1.24 0.00	34.08 1.13 0.00	34.84 1.10 0.00	34.49 1.07 0.00	34.29 1.07 0.00	35.76 1.25 0.00	48.07 1.29 0.00	63.26 1.72 0.00	55.52 1.16 0.00	32.53 0.44 0.00	28.58 0.24 0.00	28.38 0.21 0.00	28.47 0.59 0.00	31.17 0.63 0.00	34.58 0.84 0.00	42.25 1.06 0.00	56.57 1.41 0.00	73.77 1.91 0.00	74.48 1.80 0.00	65.03 1.94 0.00	52.90 1.47 0.00	51.66 1.21 0.00	48.66 1.37 0.00	39.28 1.10 0.00
INDECK___ILION 23567	34.13 0.91 0.00	33.85 0.90 0.00	34.59 0.85 0.00	34.24 0.82 0.00	34.02 0.80 0.00	35.45 0.95 0.00	47.95 1.17 0.00	62.89 1.35 0.00	55.04 0.68 0.00	32.34 0.25 0.00	28.49 0.15 0.00	28.36 0.19 0.00	28.13 0.25 0.00	30.84 0.31 0.00	34.17 0.43 0.00	41.76 0.57 0.00	56.31 1.16 0.00	73.46 1.61 0.00	74.20 1.52 0.00	64.57 1.48 0.00	52.56 1.13 0.00	51.48 1.03 0.00	48.20 0.90 0.00	38.93 0.76 0.00
INDECK___OLEAN 23982	30.76 -2.46 0.00	30.53 -2.42 0.00	31.32 -2.42 0.00	31.13 -2.29 0.00	31.17 -2.05 0.00	32.60 -1.90 0.00	44.61 -2.17 0.00	58.94 -2.61 0.00	52.33 -2.03 0.00	31.47 -0.62 0.00	27.21 -1.13 0.00	26.90 -1.26 0.00	26.13 -1.75 0.00	28.49 -2.04 0.00	27.34 -2.68 3.72	32.23 -3.05 5.92	51.52 -3.64 0.00	66.79 -5.06 0.00	68.35 -4.33 0.00	59.05 -4.05 0.00	47.79 -3.65 0.00	40.22 -3.29 6.95	35.89 -3.04 8.36	36.01 -2.17 0.00
INDECK___OSWEGO 23783	31.97 -1.26 0.00	31.73 -1.23 0.00	32.48 -1.26 0.00	32.18 -1.24 0.00	32.00 -1.22 0.00	33.25 -1.25 0.00	45.15 -1.63 0.00	59.37 -2.18 0.00	52.33 -2.03 0.00	30.90 -1.19 0.00	27.25 -1.08 0.00	27.07 -1.10 0.00	26.78 -1.10 0.00	29.28 -1.27 0.00	32.32 -1.43 0.00	39.61 -1.58 0.00	53.15 -2.01 0.00	69.21 -2.64 0.00	70.06 -2.62 0.00	60.94 -2.16 0.00	49.63 -1.81 0.00	48.69 -1.76 0.00	45.63 -1.66 0.00	36.82 -1.35 0.00
INDECK___YERKES 23781	29.10 -4.12 0.00	28.83 -4.13 0.00	29.57 -4.17 0.00	29.28 -4.14 0.00	29.41 -3.81 0.00	30.70 -3.80 0.00	41.70 -5.08 0.00	54.73 -6.82 0.00	48.82 -5.55 0.00	29.50 -2.60 0.00	25.66 -2.68 0.00	25.51 -2.66 0.00	24.70 -3.18 0.00	26.85 -3.69 0.00	26.51 -4.28 2.95	31.82 -4.69 4.69	49.20 -5.96 0.00	63.87 -7.98 0.00	65.35 -7.33 0.00	56.61 -6.48 0.00	46.15 -5.29 0.00	40.90 -4.74 4.81	37.37 -4.13 5.79	35.01 -3.17 0.00
INDIAN POINT_GT_1 24139	35.33 2.10 0.00	34.95 2.00 0.00	35.63 1.89 0.00	35.36 1.94 0.00	35.08 1.85 0.00	36.67 2.17 0.00	49.72 2.94 0.00	65.56 4.02 0.00	58.22 3.86 0.00	34.46 2.37 0.00	30.28 1.94 0.00	29.94 1.77 0.00	29.65 1.77 0.00	32.57 2.04 0.00	35.90 2.16 0.00	43.77 2.57 0.00	58.03 2.88 0.00	75.38 3.53 0.00	76.05 3.37 0.00	65.81 2.71 0.00	53.59 2.16 0.00	52.60 2.15 0.00	49.12 1.82 0.00	39.78 1.61 0.00
INDIAN POINT_GT_2 23659	35.33 2.10 0.00	34.95 2.00 0.00	35.63 1.89 0.00	35.36 1.94 0.00	35.08 1.85 0.00	36.67 2.17 0.00	49.72 2.94 0.00	65.56 4.02 0.00	58.22 3.86 0.00	34.46 2.37 0.00	30.28 1.94 0.00	29.94 1.77 0.00	29.65 1.77 0.00	32.57 2.04 0.00	35.90 2.16 0.00	43.77 2.57 0.00	58.03 2.88 0.00	75.38 3.53 0.00	76.05 3.37 0.00	65.81 2.71 0.00	53.59 2.16 0.00	52.60 2.15 0.00	49.12 1.82 0.00	39.78 1.61 0.00
INDIAN POINT_GT_3 24019	35.33 2.10 0.00	34.95 2.00 0.00	35.63 1.89 0.00	35.36 1.94 0.00	35.08 1.85 0.00	36.67 2.17 0.00	49.72 2.94 0.00	65.56 4.02 0.00	58.22 3.86 0.00	34.46 2.37 0.00	30.28 1.94 0.00	29.94 1.77 0.00	29.65 1.77 0.00	32.57 2.04 0.00	35.90 2.16 0.00	43.77 2.57 0.00	58.03 2.88 0.00	75.38 3.53 0.00	76.05 3.37 0.00	65.81 2.71 0.00	53.59 2.16 0.00	52.60 2.15 0.00	49.12 1.82 0.00	39.78 1.61 0.00
INDIAN POINT___2 23530	35.30 2.08 0.00	34.93 1.98 0.00	35.60 1.86 0.00	35.33 1.91 0.00	35.08 1.85 0.00	36.66 2.16 0.00	49.72 2.94 0.00	65.54 4.00 0.00	58.18 3.82 0.00	34.42 2.33 0.00	30.23 1.90 0.00	29.90 1.73 0.00	29.61 1.74 0.00	32.52 1.99 0.00	35.84 2.10 0.00	43.70 2.50 0.00	57.94 2.79 0.00	75.30 3.44 0.00	75.98 3.30 0.00	65.74 2.64 0.00	53.53 2.09 0.00	52.55 2.09 0.00	49.06 1.76 0.00	39.75 1.57 0.00
INDIAN POINT___3 23531	35.34 2.11 0.00	34.95 2.00 0.00	35.64 1.90 0.00	35.36 1.94 0.00	35.09 1.87 0.00	36.68 2.18 0.00	49.72 2.94 0.00	65.55 4.00 0.00	58.22 3.86 0.00	34.46 2.37 0.00	30.28 1.95 0.00	29.96 1.79 0.00	29.67 1.79 0.00	32.59 2.05 0.00	35.91 2.17 0.00	43.77 2.58 0.00	58.03 2.88 0.00	75.37 3.51 0.00	76.01 3.34 0.00	65.80 2.71 0.00	53.58 2.14 0.00	52.60 2.14 0.00	49.12 1.82 0.00	39.79 1.62 0.00
INGHAM_C_115KV_TB7 356103	35.30 2.07 0.00	35.01 2.06 0.00	35.71 1.97 0.00	35.33 1.91 0.00	35.06 1.84 0.00	36.66 2.15 0.00	49.41 2.63 0.00	64.53 2.98 0.00	55.85 1.49 0.00	32.66 0.57 0.00	28.71 0.38 0.00	28.65 0.48 0.00	28.46 0.59 0.00	31.26 0.72 0.00	34.73 0.99 0.00	42.52 1.32 0.00	57.89 2.73 0.00	75.62 3.77 0.00	76.34 3.66 0.00	66.49 3.39 0.00	54.04 2.60 0.00	52.85 2.39 0.00	49.42 2.13 0.00	39.93 1.75 0.00
IP CORINTH___1 23988	34.63 1.41 0.00	34.25 1.30 0.00	35.02 1.28 0.00	34.66 1.24 0.00	34.46 1.24 0.00	35.94 1.43 0.00	48.34 1.56 0.00	63.63 2.08 0.00	55.82 1.46 0.00	32.71 0.62 0.00	28.72 0.39 0.00	28.53 0.37 0.00	28.62 0.74 0.00	31.32 0.79 0.00	34.75 1.01 0.00	42.46 1.26 0.00	56.86 1.70 0.00	74.17 2.31 0.00	74.90 2.22 0.00	65.38 2.29 0.00	53.20 1.76 0.00	51.95 1.49 0.00	48.94 1.64 0.00	39.48 1.31 0.00
IP___TICONDEROGA 23804	36.12 2.89 0.00	35.65 2.69 0.00	36.27 2.53 0.00	35.85 2.43 0.00	35.83 2.61 0.00	37.42 2.91 0.00	50.31 3.53 0.00	66.45 4.90 0.00	58.03 3.68 0.00	34.05 1.96 0.00	29.57 1.23 0.00	29.45 1.28 0.00	30.18 2.30 0.00	32.80 2.26 0.00	36.13 2.39 0.00	43.84 2.65 0.00	59.14 3.98 0.00	77.77 5.92 0.00	78.60 5.92 0.00	68.93 5.83 0.00	55.73 4.30 0.00	54.23 3.78 0.00	51.66 4.36 0.00	41.75 3.58 0.00
ISLIP_RES_REC 323679	40.79 2.03 -5.53	43.15 1.88 -8.32	37.99 1.74 -2.52	22.55 1.79 12.66	24.48 1.64 10.38	36.66 2.16 0.00	49.57 2.79 0.00	66.52 4.20 -0.78	75.48 4.15 -16.96	50.20 2.41 -15.69	42.68 2.23 -12.11	45.61 1.99 -15.46	40.34 2.04 -10.42	43.20 2.30 -10.36	45.85 2.54 -9.56	50.72 3.17 -6.36	70.93 3.69 -12.08	92.38 4.41 -16.10	87.73 4.03 -11.02	66.19 3.09 0.00	53.56 2.52 0.40	51.50 2.35 1.30	49.26 1.97 0.00	39.99 1.84 0.03

JAMAICA__27_KV_LOAD 355505	35.76 2.54 0.00	35.38 2.43 0.00	36.04 2.30 0.00	35.69 2.27 0.00	35.35 2.13 0.00	37.05 2.55 0.00	50.30 3.52 0.00	66.34 4.80 0.00	59.09 4.73 0.00	35.17 3.08 0.00	30.86 2.53 0.00	30.57 2.41 0.00	30.27 2.39 0.00	33.26 2.72 0.00	36.63 2.89 0.00	44.61 3.41 0.00	58.95 3.79 0.00	76.40 4.55 0.00	76.97 4.30 0.00	66.59 3.49 0.00	54.15 2.72 0.00	53.20 2.75 0.00	49.64 2.34 0.00	40.19 2.02 0.00
JANIS__SOLAR 323808	33.34 0.11 0.00	33.14 0.19 0.00	33.93 0.18 0.00	33.64 0.22 0.00	33.54 0.32 0.00	35.07 0.56 0.00	47.87 1.09 0.00	62.89 1.34 0.00	54.75 0.39 0.00	31.87 -0.22 0.00	27.88 -0.46 0.00	27.50 -0.66 0.00	27.12 -0.76 0.00	29.68 -0.85 0.00	38.36 -1.02 -5.64	49.35 -0.84 -8.99	55.22 0.06 0.00	73.10 1.24 0.00	74.24 1.56 0.00	64.52 1.42 0.00	52.20 0.76 0.00	60.22 0.74 -9.03	58.97 0.81 -10.86	38.79 0.61 0.00
JARVIS____ 23743	33.36 0.13 0.00	33.09 0.14 0.00	33.88 0.14 0.00	33.55 0.13 0.00	33.33 0.11 0.00	34.66 0.16 0.00	46.96 0.18 0.00	61.76 0.22 0.00	54.50 0.14 0.00	32.15 0.06 0.00	28.36 0.02 0.00	28.18 0.02 0.00	27.93 0.05 0.00	30.60 0.06 0.00	33.81 0.07 0.00	41.29 0.09 0.00	55.26 0.11 0.00	71.92 0.07 0.00	72.71 0.03 0.00	63.22 0.12 0.00	51.54 0.10 0.00	50.52 0.06 0.00	47.35 0.05 0.00	38.22 0.05 0.00
JENNISON____1 23625	32.86 -0.37 0.00	32.67 -0.29 0.00	33.41 -0.33 0.00	33.12 -0.30 0.00	33.07 -0.16 0.00	34.45 -0.06 0.00	46.99 0.20 0.00	61.95 0.40 0.00	54.46 0.10 0.00	32.11 0.01 0.00	28.03 -0.30 0.00	27.60 -0.56 0.00	27.22 -0.66 0.00	29.83 -0.71 0.00	34.34 -0.85 -1.45	42.79 -0.71 -2.31	54.92 -0.24 0.00	72.17 0.31 0.00	73.17 0.49 0.00	63.60 0.50 0.00	51.42 -0.02 0.00	52.85 0.06 -2.33	50.70 0.59 -2.81	38.49 0.32 0.00
JENNISON____2 23626	32.86 -0.37 0.00	32.67 -0.29 0.00	33.41 -0.33 0.00	33.12 -0.30 0.00	33.07 -0.16 0.00	34.45 -0.06 0.00	46.99 0.20 0.00	61.95 0.40 0.00	54.46 0.10 0.00	32.11 0.01 0.00	28.03 -0.30 0.00	27.60 -0.56 0.00	27.22 -0.66 0.00	29.83 -0.71 0.00	34.34 -0.85 -1.45	42.79 -0.71 -2.31	54.92 -0.24 0.00	72.17 0.31 0.00	73.17 0.49 0.00	63.60 0.50 0.00	51.42 -0.02 0.00	52.85 0.06 -2.33	50.70 0.59 -2.81	38.49 0.32 0.00
JERICOHO_RISE_WT_PWR 323719	32.58 -0.65 0.00	32.29 -0.66 0.00	33.17 -0.57 0.00	32.83 -0.59 0.00	32.77 -0.45 0.00	34.04 -0.46 0.00	46.22 -0.56 0.00	60.92 -0.63 0.00	53.84 -0.52 0.00	31.71 -0.38 0.00	27.97 -0.36 0.00	27.72 -0.45 0.00	27.34 -0.53 0.00	29.88 -0.67 0.00	33.11 -0.63 0.00	40.51 -0.68 0.00	54.80 -0.36 0.00	71.91 0.05 0.00	73.02 0.34 0.00	63.14 0.04 0.00	51.54 0.10 0.00	50.62 0.17 0.00	47.70 0.41 0.00	38.53 0.35 0.00
KATONAH__115KV_46KV_TB4 355592	35.45 2.23 0.00	35.08 2.13 0.00	35.77 2.03 0.00	35.47 2.05 0.00	35.21 1.99 0.00	36.82 2.31 0.00	49.91 3.13 0.00	65.82 4.27 0.00	58.49 4.13 0.00	34.63 2.54 0.00	30.43 2.10 0.00	30.11 1.94 0.00	29.82 1.94 0.00	32.75 2.21 0.00	36.09 2.35 0.00	44.01 2.81 0.00	58.35 3.19 0.00	75.80 3.94 0.00	76.46 3.78 0.00	66.21 3.11 0.00	53.90 2.46 0.00	52.90 2.44 0.00	49.40 2.10 0.00	39.99 1.82 0.00
KCE_NY_1 323755	34.84 1.61 0.00	34.54 1.58 0.00	35.28 1.53 0.00	34.92 1.50 0.00	34.69 1.47 0.00	36.15 1.64 0.00	48.75 1.97 0.00	64.06 2.52 0.00	56.23 1.87 0.00	33.05 0.96 0.00	29.08 0.74 0.00	28.90 0.73 0.00	28.79 0.91 0.00	31.57 1.04 0.00	35.08 1.34 0.00	42.86 1.66 0.00	57.29 2.13 0.00	74.55 2.69 0.00	75.23 2.55 0.00	65.62 2.53 0.00	53.45 2.01 0.00	52.24 1.79 0.00	49.06 1.76 0.00	39.55 1.38 0.00
KCE_NY_6_ESR 323823	29.57 -3.66 0.00	29.36 -3.60 0.00	30.08 -3.66 0.00	29.82 -3.60 0.00	29.97 -3.25 0.00	31.27 -3.23 0.00	42.56 -4.23 0.00	55.95 -5.60 0.00	49.83 -4.53 0.00	30.06 -2.04 0.00	26.09 -2.24 0.00	25.89 -2.27 0.00	25.09 -2.78 0.00	27.32 -3.22 0.00	26.50 -3.94 3.30	31.61 -4.35 5.24	49.93 -5.23 0.00	64.85 -7.01 0.00	66.41 -6.27 0.00	57.55 -5.55 0.00	46.83 -4.60 0.00	40.94 -4.09 5.42	37.23 -3.54 6.53	35.57 -2.61 0.00
KEDC_PORT_JEFF_GT2 24210	36.56 1.85 -1.48	35.96 1.70 -1.30	32.26 1.54 3.03	19.20 1.58 15.80	21.69 1.43 12.96	36.42 1.92 0.00	49.24 2.46 0.00	65.50 3.75 -0.21	62.70 3.79 -4.55	38.50 2.20 -4.21	33.63 2.05 -3.25	34.14 1.83 -4.14	32.54 1.87 -2.80	35.44 2.12 -2.78	38.62 2.32 -2.57	45.78 2.88 -1.71	63.09 3.24 -4.69	79.99 3.81 -4.32	79.07 3.43 -2.96	65.69 2.59 0.00	53.06 2.13 0.50	50.83 2.00 1.62	48.93 1.64 0.00	39.75 1.61 0.03
KEDC_PORT_JEFF_GT3 24211	36.56 1.85 -1.48	35.96 1.70 -1.30	32.26 1.54 3.03	19.20 1.58 15.80	21.69 1.43 12.96	36.42 1.92 0.00	49.24 2.46 0.00	65.50 3.75 -0.21	62.70 3.79 -4.55	38.50 2.20 -4.21	33.63 2.05 -3.25	34.14 1.83 -4.14	32.54 1.87 -2.80	35.44 2.12 -2.78	38.62 2.32 -2.57	45.78 2.88 -1.71	63.09 3.24 -4.69	79.99 3.81 -4.32	79.07 3.43 -2.96	65.69 2.59 0.00	53.06 2.13 0.50	50.83 2.00 1.62	48.93 1.64 0.00	39.75 1.61 0.03
KEDC_GLWD_GT4 24219	35.60 2.37 0.00	35.20 2.24 0.00	35.87 2.12 0.00	35.58 2.16 0.00	35.29 2.07 0.00	36.94 2.44 0.00	49.99 3.21 0.00	66.06 4.52 0.00	58.82 4.46 0.00	34.78 2.69 0.00	30.67 2.34 0.00	30.32 2.15 0.00	30.04 2.17 0.00	33.00 2.46 0.00	36.39 2.65 0.00	44.40 3.20 0.00	62.25 3.64 -3.45	76.26 4.41 0.00	76.82 4.14 0.00	66.51 3.41 0.00	54.20 2.76 0.00	53.15 2.70 0.00	49.61 2.31 0.00	40.23 2.05 0.00
KEDC_GLWD_GT5 24220	35.60 2.37 0.00	35.20 2.24 0.00	35.87 2.12 0.00	35.58 2.16 0.00	35.29 2.07 0.00	36.94 2.44 0.00	49.99 3.21 0.00	66.06 4.52 0.00	58.82 4.46 0.00	34.78 2.69 0.00	30.67 2.34 0.00	30.32 2.15 0.00	30.04 2.17 0.00	33.00 2.46 0.00	36.39 2.65 0.00	44.40 3.20 0.00	62.25 3.64 -3.45	76.26 4.41 0.00	76.82 4.14 0.00	66.51 3.41 0.00	54.20 2.76 0.00	53.15 2.70 0.00	49.61 2.31 0.00	40.23 2.05 0.00
KENSICO____ 23655	35.40 2.18 0.00	35.03 2.08 0.00	35.70 1.96 0.00	35.43 2.01 0.00	35.16 1.94 0.00	36.75 2.25 0.00	49.81 3.03 0.00	65.69 4.14 0.00	58.39 4.03 0.00	34.58 2.48 0.00	30.39 2.05 0.00	30.06 1.90 0.00	29.77 1.89 0.00	32.70 2.16 0.00	36.03 2.29 0.00	43.92 2.73 0.00	58.21 3.05 0.00	75.56 3.71 0.00	76.20 3.52 0.00	65.96 2.86 0.00	53.71 2.27 0.00	52.72 2.27 0.00	49.24 1.94 0.00	39.89 1.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.37 2.15 0.00	35.02 2.06 0.00	35.74 2.00 0.00	35.46 2.04 0.00	35.21 1.99 0.00	36.82 2.32 0.00	49.97 3.19 0.00	65.90 4.35 0.00	58.40 4.04 0.00	34.48 2.39 0.00	30.22 1.88 0.00	29.85 1.69 0.00	29.50 1.63 0.00	32.19 1.65 0.00	35.51 1.77 0.00	43.49 2.30 0.00	58.02 2.86 0.00	75.52 3.66 0.00	76.26 3.58 0.00	66.05 2.95 0.00	53.83 2.39 0.00	53.14 2.68 0.00	49.58 2.28 0.00	40.09 1.92 0.00

KIAC_JFK_GT1 23816	35.67 2.44 0.00	35.29 2.33 0.00	35.95 2.20 0.00	35.59 2.17 0.00	35.25 2.03 0.00	36.94 2.44 0.00	50.12 3.34 0.00	66.12 4.57 0.00	58.91 4.55 0.00	35.07 2.97 0.00	30.79 2.45 0.00	30.49 2.32 0.00	30.19 2.31 0.00	33.17 2.64 0.00	36.53 2.79 0.00	44.48 3.29 0.00	58.74 3.58 0.00	76.16 4.30 0.00	76.72 4.04 0.00	66.36 3.26 0.00	53.96 2.52 0.00	53.03 2.57 0.00	49.48 2.19 0.00	40.07 1.89 0.00
KIAC_JFK_GT2 23817	35.67 2.44 0.00	35.29 2.33 0.00	35.95 2.20 0.00	35.59 2.17 0.00	35.25 2.03 0.00	36.94 2.44 0.00	50.12 3.34 0.00	66.12 4.57 0.00	58.91 4.55 0.00	35.07 2.97 0.00	30.79 2.45 0.00	30.49 2.32 0.00	30.19 2.31 0.00	33.17 2.64 0.00	36.53 2.79 0.00	44.48 3.29 0.00	58.74 3.58 0.00	76.16 4.30 0.00	76.72 4.04 0.00	66.36 3.26 0.00	53.96 2.52 0.00	53.03 2.57 0.00	49.48 2.19 0.00	40.07 1.89 0.00
KIAC_JFK____ 323774	35.66 2.44 0.00	35.29 2.33 0.00	35.95 2.21 0.00	35.59 2.17 0.00	35.26 2.04 0.00	36.94 2.44 0.00	50.12 3.34 0.00	66.13 4.58 0.00	58.91 4.55 0.00	35.06 2.97 0.00	30.78 2.45 0.00	30.49 2.32 0.00	30.18 2.30 0.00	33.17 2.64 0.00	36.53 2.79 0.00	44.48 3.29 0.00	58.75 3.59 0.00	76.16 4.30 0.00	76.72 4.04 0.00	66.36 3.26 0.00	53.96 2.52 0.00	53.03 2.57 0.00	49.48 2.18 0.00	40.07 1.89 0.00
KINTIGH__24_KV_GSU 356498	29.91 -3.32 0.00	29.65 -3.30 0.00	30.41 -3.33 0.00	30.14 -3.28 0.00	30.18 -3.04 0.00	31.46 -3.04 0.00	42.69 -4.09 0.00	56.06 -5.49 0.00	49.93 -4.43 0.00	30.07 -2.02 0.00	26.28 -2.05 0.00	26.08 -2.09 0.00	25.37 -2.51 0.00	27.58 -2.96 0.00	27.99 -3.54 2.21	33.77 -3.91 3.51	50.37 -4.79 0.00	65.43 -6.43 0.00	66.76 -5.92 0.00	57.84 -5.26 0.00	47.12 -4.31 0.00	42.91 -3.98 3.57	39.48 -3.52 4.29	35.53 -2.64 0.00
KINTIGH____ 23543	29.89 -3.34 0.00	29.63 -3.32 0.00	30.39 -3.35 0.00	30.12 -3.30 0.00	30.18 -3.04 0.00	31.44 -3.07 0.00	42.67 -4.11 0.00	56.02 -5.53 0.00	49.90 -4.46 0.00	30.06 -2.03 0.00	26.26 -2.07 0.00	26.07 -2.10 0.00	25.36 -2.52 0.00	27.57 -2.97 0.00	27.97 -3.56 2.21	33.78 -3.91 3.51	50.33 -4.82 0.00	65.40 -6.46 0.00	66.73 -5.94 0.00	57.80 -5.30 0.00	47.09 -4.35 0.00	42.87 -4.02 3.57	39.46 -3.54 4.29	35.52 -2.66 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.81 -0.41 0.00	32.52 -0.43 0.00	33.40 -0.34 0.00	33.06 -0.36 0.00	33.00 -0.22 0.00	34.32 -0.18 0.00	46.66 -0.12 0.00	61.50 -0.05 0.00	54.27 -0.09 0.00	31.88 -0.21 0.00	28.08 -0.26 0.00	27.83 -0.34 0.00	27.48 -0.40 0.00	30.01 -0.53 0.00	33.31 -0.43 0.00	40.83 -0.36 0.00	55.34 0.18 0.00	72.71 0.85 0.00	73.88 1.20 0.00	63.87 0.77 0.00	52.10 0.66 0.00	51.15 0.69 0.00	48.18 0.88 0.00	38.90 0.72 0.00
LACHUTE____HYDRO 323717	36.12 2.89 0.00	35.65 2.69 0.00	36.27 2.53 0.00	35.85 2.43 0.00	35.83 2.61 0.00	37.42 2.92 0.00	50.31 3.53 0.00	66.45 4.90 0.00	58.04 3.68 0.00	34.05 1.96 0.00	29.57 1.23 0.00	29.45 1.28 0.00	30.18 2.30 0.00	32.80 2.26 0.00	36.13 2.39 0.00	43.84 2.65 0.00	59.15 3.99 0.00	77.78 5.92 0.00	78.60 5.93 0.00	68.93 5.84 0.00	55.74 4.30 0.00	54.23 3.78 0.00	51.65 4.36 0.00	41.75 3.58 0.00
LAWRNCV_115KV_TB1 80681	33.88 0.65 0.00	33.56 0.60 0.00	34.42 0.68 0.00	34.04 0.62 0.00	33.96 0.74 0.00	35.25 0.75 0.00	47.97 1.19 0.00	63.10 1.56 0.00	55.45 1.08 0.00	32.48 0.39 0.00	28.60 0.27 0.00	28.37 0.21 0.00	28.03 0.15 0.00	30.72 0.18 0.00	34.08 0.34 0.00	41.78 0.59 0.00	56.23 1.07 0.00	73.44 1.58 0.00	74.47 1.79 0.00	64.40 1.30 0.00	52.54 1.11 0.00	51.76 1.31 0.00	48.81 1.52 0.00	39.35 1.18 0.00
LEDERLE____ 23769	35.50 2.28 0.00	35.12 2.17 0.00	35.81 2.06 0.00	35.53 2.12 0.00	35.26 2.04 0.00	36.88 2.38 0.00	50.05 3.27 0.00	65.98 4.44 0.00	58.57 4.21 0.00	34.65 2.56 0.00	30.44 2.10 0.00	30.10 1.93 0.00	29.82 1.94 0.00	32.75 2.22 0.00	36.10 2.36 0.00	44.02 2.83 0.00	58.39 3.23 0.00	75.90 4.04 0.00	76.56 3.88 0.00	66.25 3.15 0.00	53.93 2.49 0.00	52.92 2.47 0.00	49.39 2.09 0.00	39.99 1.82 0.00
LIGHTHSE_115KV_TB6 355974	32.10 -1.13 0.00	31.83 -1.12 0.00	32.59 -1.15 0.00	32.28 -1.14 0.00	32.13 -1.09 0.00	33.48 -1.03 0.00	45.53 -1.25 0.00	59.79 -1.75 0.00	52.37 -1.99 0.00	30.73 -1.37 0.00	27.09 -1.25 0.00	26.92 -1.24 0.00	26.61 -1.26 0.00	29.05 -1.48 0.00	32.21 -1.52 0.00	39.70 -1.50 0.00	53.47 -1.68 0.00	69.74 -2.11 0.00	70.71 -1.97 0.00	61.75 -1.35 0.00	50.30 -1.14 0.00	49.37 -1.08 0.00	46.32 -0.98 0.00	37.35 -0.83 0.00
LINDEN COGEN____ 23786	35.56 2.33 0.00	35.16 2.20 0.00	35.82 2.08 0.00	35.53 2.11 0.00	35.27 2.05 0.00	36.88 2.38 0.00	49.97 3.19 0.00	65.92 4.37 0.00	58.66 4.30 0.00	34.80 2.71 0.00	30.59 2.26 0.00	30.27 2.10 0.00	29.98 2.11 0.00	32.93 2.39 0.00	36.25 2.51 0.00	44.17 2.97 0.00	58.44 3.29 0.00	75.81 3.96 0.00	76.38 3.70 0.00	66.07 2.97 0.00	53.76 2.33 0.00	52.81 2.36 0.00	49.32 2.02 0.00	39.99 1.82 0.00
LINDHRST_69_KV_BK1 356055	35.65 2.42 0.00	35.14 2.26 0.07	35.60 2.13 0.27	34.70 2.21 0.92	34.53 2.06 0.76	37.01 2.51 0.00	50.03 3.25 0.00	66.28 4.74 0.00	58.95 4.59 0.00	34.73 2.63 0.00	30.70 2.36 0.00	30.30 2.14 0.00	30.05 2.17 0.00	33.00 2.46 0.00	36.48 2.74 0.00	44.61 3.42 0.00	61.56 4.09 -2.32	76.86 5.00 0.00	77.39 4.71 0.00	67.01 3.91 0.00	54.60 3.20 0.03	53.37 3.02 0.09	49.84 2.54 0.00	40.45 2.28 0.00
LIPA_MISC_IPP 23656	18.55 1.55 16.23	6.03 1.41 28.33	12.10 1.24 22.88	19.95 1.27 14.74	22.25 1.12 12.09	36.11 1.61 0.00	48.82 2.04 0.00	62.49 3.21 2.27	7.90 3.34 49.80	-12.03 1.94 46.06	-5.36 1.85 35.55	-15.56 1.64 45.37	-1.04 1.68 30.60	2.03 1.91 30.42	7.74 2.08 28.08	25.12 2.58 18.66	30.37 2.84 27.64	27.81 3.23 47.27	43.15 2.82 32.35	65.15 2.06 0.00	52.68 1.71 0.47	50.51 1.57 1.52	48.59 1.29 0.00	39.45 1.31 0.03
LISF____SOLAR 323691	10.41 1.60 24.42	-7.65 1.45 42.05	2.85 1.28 32.17	20.09 1.31 14.63	22.38 1.16 12.00	36.16 1.66 0.00	48.88 2.10 0.00	61.41 3.29 3.42	-17.14 3.40 74.90	-35.21 1.98 69.28	-23.26 1.88 53.47	-38.41 1.66 68.24	-16.44 1.70 46.03	-13.27 1.94 45.75	-6.39 2.11 42.24	15.77 2.64 28.07	15.56 2.96 42.56	4.11 3.36 71.10	26.98 2.96 48.66	65.26 2.16 0.00	52.74 1.77 0.46	50.59 1.64 1.50	48.66 1.36 0.00	39.49 1.35 0.03
LITTLE FALLS____HYD 24013	35.30 2.07 0.00	35.01 2.06 0.00	35.71 1.97 0.00	35.33 1.91 0.00	35.06 1.84 0.00	36.66 2.15 0.00	49.41 2.63 0.00	64.53 2.98 0.00	55.85 1.49 0.00	32.66 0.57 0.00	28.71 0.38 0.00	28.65 0.48 0.00	28.46 0.59 0.00	31.26 0.72 0.00	34.73 0.99 0.00	42.52 1.32 0.00	57.89 2.73 0.00	75.62 3.77 0.00	76.34 3.66 0.00	66.49 3.39 0.00	54.04 2.60 0.00	52.85 2.39 0.00	49.42 2.13 0.00	39.93 1.75 0.00

LITTLRIV_115KV_TB1 356100	34.28 1.05 0.00	33.95 0.99 0.00	34.83 1.09 0.00	34.44 1.02 0.00	34.36 1.14 0.00	35.72 1.22 0.00	48.69 1.91 0.00	64.00 2.45 0.00	55.90 1.54 0.00	32.60 0.51 0.00	28.74 0.40 0.00	28.48 0.31 0.00	28.17 0.29 0.00	30.95 0.42 0.00	34.35 0.61 0.00	42.22 1.02 0.00	56.96 1.80 0.00	74.62 2.76 0.00	75.67 2.99 0.00	65.40 2.30 0.00	53.33 1.90 0.00	52.47 2.02 0.00	49.47 2.17 0.00	39.84 1.67 0.00
LI_NEWBRDGE___DRP 323616	35.28 2.06 0.00	34.88 1.93 0.00	35.53 1.79 0.00	35.26 1.84 0.00	34.93 1.70 0.00	36.60 2.10 0.00	49.48 2.70 0.00	65.51 3.97 0.00	58.39 4.03 0.00	34.43 2.34 0.00	30.45 2.11 0.00	30.07 1.91 0.00	29.81 1.94 0.00	32.74 2.20 0.00	36.14 2.40 0.00	44.11 2.92 0.00	60.21 3.22 -1.84	75.68 3.83 0.00	76.16 3.48 0.00	65.93 2.84 0.00	53.79 2.35 0.00	52.70 2.25 0.00	49.17 1.87 0.00	39.95 1.78 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.14 -4.09 0.00	28.87 -4.08 0.00	29.62 -4.12 0.00	29.34 -4.08 0.00	29.49 -3.73 0.00	30.75 -3.76 0.00	41.73 -5.05 0.00	54.74 -6.81 0.00	48.82 -5.54 0.00	29.48 -2.61 0.00	25.68 -2.66 0.00	25.53 -2.64 0.00	24.72 -3.16 0.00	26.82 -3.72 0.00	26.65 -4.38 2.71	32.11 -4.79 4.30	49.25 -5.91 0.00	63.88 -7.97 0.00	65.33 -7.34 0.00	56.62 -6.47 0.00	46.16 -5.27 0.00	41.30 -4.77 4.39	37.90 -4.12 5.28	35.12 -3.05 0.00
LOCKPORT___CC1 323769	29.13 -4.10 0.00	28.87 -4.08 0.00	29.62 -4.12 0.00	29.34 -4.08 0.00	29.47 -3.75 0.00	30.75 -3.76 0.00	41.72 -5.06 0.00	54.74 -6.81 0.00	48.81 -5.54 0.00	29.49 -2.60 0.00	25.68 -2.65 0.00	25.52 -2.65 0.00	24.71 -3.17 0.00	26.82 -3.72 0.00	26.56 -4.41 2.78	31.92 -4.87 4.40	49.20 -5.96 0.00	63.83 -8.03 0.00	65.30 -7.37 0.00	56.61 -6.49 0.00	46.15 -5.29 0.00	41.17 -4.80 4.49	37.75 -4.15 5.40	35.11 -3.06 0.00
LOCKPORT___CC2 323770	29.13 -4.10 0.00	28.87 -4.08 0.00	29.62 -4.12 0.00	29.34 -4.08 0.00	29.47 -3.75 0.00	30.75 -3.76 0.00	41.72 -5.06 0.00	54.74 -6.81 0.00	48.81 -5.54 0.00	29.49 -2.60 0.00	25.68 -2.65 0.00	25.52 -2.65 0.00	24.71 -3.17 0.00	26.82 -3.72 0.00	26.56 -4.41 2.78	31.92 -4.87 4.40	49.20 -5.96 0.00	63.83 -8.03 0.00	65.30 -7.37 0.00	56.61 -6.49 0.00	46.15 -5.29 0.00	41.17 -4.80 4.49	37.75 -4.15 5.40	35.11 -3.06 0.00
LOCKPORT___CC3 323771	29.13 -4.10 0.00	28.87 -4.08 0.00	29.62 -4.12 0.00	29.34 -4.08 0.00	29.47 -3.75 0.00	30.75 -3.76 0.00	41.72 -5.06 0.00	54.74 -6.81 0.00	48.81 -5.54 0.00	29.49 -2.60 0.00	25.68 -2.65 0.00	25.52 -2.65 0.00	24.71 -3.17 0.00	26.82 -3.72 0.00	26.56 -4.41 2.78	31.92 -4.87 4.40	49.20 -5.96 0.00	63.83 -8.03 0.00	65.30 -7.37 0.00	56.61 -6.49 0.00	46.15 -5.29 0.00	41.17 -4.80 4.49	37.75 -4.15 5.40	35.11 -3.06 0.00
LOCUSVLY_69_KV_BK2 55797	35.52 2.29 0.00	35.13 2.17 0.00	35.77 2.03 0.00	35.49 2.07 0.00	35.18 1.95 0.00	36.84 2.34 0.00	49.85 3.07 0.00	65.94 4.39 0.00	58.72 4.36 0.00	34.70 2.61 0.00	30.67 2.33 0.00	30.31 2.15 0.00	30.04 2.16 0.00	32.99 2.45 0.00	36.40 2.66 0.00	44.42 3.22 0.00	61.84 3.62 -3.06	76.26 4.40 0.00	76.80 4.12 0.00	66.47 3.37 0.00	54.19 2.75 0.00	53.10 2.64 0.00	49.54 2.24 0.00	40.26 2.08 0.00
LONG_LAKE_PHOENIX 24014	32.12 -1.10 0.00	31.87 -1.08 0.00	32.63 -1.11 0.00	32.33 -1.08 0.00	32.16 -1.06 0.00	33.41 -1.10 0.00	45.39 -1.39 0.00	59.72 -1.83 0.00	52.66 -1.70 0.00	31.11 -0.98 0.00	27.42 -0.91 0.00	27.23 -0.94 0.00	26.92 -0.95 0.00	29.46 -1.08 0.00	32.48 -1.26 0.00	39.86 -1.34 0.00	53.49 -1.67 0.00	69.66 -2.20 0.00	70.50 -2.18 0.00	61.27 -1.83 0.00	49.89 -1.55 0.00	48.93 -1.52 0.00	45.83 -1.47 0.00	36.97 -1.20 0.00
LOVETT___3 23632	35.34 2.11 0.00	34.96 2.00 0.00	35.64 1.90 0.00	35.37 1.95 0.00	35.09 1.87 0.00	36.69 2.18 0.00	49.75 2.97 0.00	65.58 4.03 0.00	58.24 3.88 0.00	34.47 2.38 0.00	30.28 1.94 0.00	29.95 1.79 0.00	29.66 1.78 0.00	32.59 2.05 0.00	35.91 2.17 0.00	43.77 2.57 0.00	58.03 2.88 0.00	75.38 3.53 0.00	76.05 3.37 0.00	65.80 2.71 0.00	53.58 2.14 0.00	52.59 2.14 0.00	49.11 1.81 0.00	39.78 1.61 0.00
LOVETT___4 23642	35.34 2.11 0.00	34.96 2.00 0.00	35.64 1.90 0.00	35.37 1.95 0.00	35.09 1.87 0.00	36.69 2.18 0.00	49.75 2.97 0.00	65.58 4.03 0.00	58.24 3.88 0.00	34.47 2.38 0.00	30.28 1.94 0.00	29.95 1.79 0.00	29.66 1.78 0.00	32.59 2.05 0.00	35.91 2.17 0.00	43.77 2.57 0.00	58.03 2.88 0.00	75.38 3.53 0.00	76.05 3.37 0.00	65.80 2.71 0.00	53.58 2.14 0.00	52.59 2.14 0.00	49.11 1.81 0.00	39.78 1.61 0.00
LOVETT___5 23593	35.34 2.11 0.00	34.96 2.00 0.00	35.64 1.90 0.00	35.37 1.95 0.00	35.09 1.87 0.00	36.69 2.18 0.00	49.75 2.97 0.00	65.58 4.03 0.00	58.24 3.88 0.00	34.47 2.38 0.00	30.28 1.94 0.00	29.95 1.79 0.00	29.66 1.78 0.00	32.59 2.05 0.00	35.91 2.17 0.00	43.77 2.57 0.00	58.03 2.88 0.00	75.38 3.53 0.00	76.05 3.37 0.00	65.80 2.71 0.00	53.58 2.14 0.00	52.59 2.14 0.00	49.11 1.81 0.00	39.78 1.61 0.00
LOWER RAQUET___HYD 24057	33.86 0.63 0.00	33.54 0.59 0.00	34.40 0.66 0.00	34.02 0.61 0.00	33.94 0.72 0.00	35.24 0.74 0.00	47.97 1.19 0.00	63.10 1.55 0.00	55.38 1.02 0.00	32.41 0.32 0.00	28.54 0.21 0.00	28.31 0.14 0.00	27.96 0.08 0.00	30.65 0.11 0.00	34.01 0.27 0.00	41.73 0.53 0.00	56.16 1.01 0.00	73.36 1.50 0.00	74.37 1.70 0.00	64.35 1.25 0.00	52.51 1.07 0.00	51.75 1.30 0.00	48.86 1.56 0.00	39.38 1.20 0.00
LOWER___HUDSON 24059	34.58 1.35 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.66 1.24 0.00	34.38 1.16 0.00	35.76 1.26 0.00	48.08 1.30 0.00	63.24 1.69 0.00	55.51 1.15 0.00	32.73 0.64 0.00	28.83 0.49 0.00	28.61 0.44 0.00	28.53 0.65 0.00	31.30 0.76 0.00	34.90 1.15 0.00	42.39 1.19 0.00	56.39 1.24 0.00	73.36 1.50 0.00	73.98 1.30 0.00	64.59 1.50 0.00	52.65 1.22 0.00	51.48 1.02 0.00	48.34 1.04 0.00	38.97 0.80 0.00
LOWVILLE_115KV_TB2 356335	32.50 -0.72 0.00	32.18 -0.77 0.00	33.02 -0.72 0.00	32.73 -0.69 0.00	32.63 -0.59 0.00	34.07 -0.43 0.00	46.56 -0.22 0.00	61.00 -0.55 0.00	52.98 -1.39 0.00	30.78 -1.31 0.00	27.10 -1.23 0.00	26.86 -1.31 0.00	26.68 -1.20 0.00	29.06 -1.48 0.00	32.41 -1.33 0.00	40.04 -1.15 0.00	54.44 -0.71 0.00	71.11 -0.75 0.00	72.19 -0.49 0.00	63.43 0.34 0.00	51.75 0.32 0.00	50.67 0.21 0.00	47.65 0.36 0.00	38.43 0.26 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.82 1.59 0.00	34.50 1.54 0.00	35.25 1.51 0.00	34.91 1.49 0.00	34.67 1.45 0.00	36.13 1.62 0.00	48.70 1.92 0.00	64.01 2.47 0.00	56.18 1.82 0.00	33.04 0.95 0.00	29.07 0.73 0.00	28.87 0.70 0.00	28.78 0.91 0.00	31.56 1.03 0.00	35.06 1.32 0.00	42.82 1.62 0.00	57.22 2.06 0.00	74.48 2.62 0.00	75.17 2.49 0.00	65.56 2.46 0.00	53.39 1.95 0.00	52.19 1.74 0.00	49.01 1.71 0.00	39.52 1.35 0.00

LUTHERNY_35_KV_BK2 355980	34.84 1.61 0.00	34.54 1.58 0.00	35.27 1.53 0.00	34.92 1.50 0.00	34.69 1.47 0.00	36.14 1.64 0.00	48.75 1.97 0.00	64.06 2.52 0.00	56.23 1.87 0.00	33.05 0.96 0.00	29.08 0.74 0.00	28.89 0.73 0.00	28.79 0.92 0.00	31.57 1.04 0.00	35.08 1.34 0.00	42.85 1.66 0.00	57.28 2.13 0.00	74.55 2.69 0.00	75.23 2.55 0.00	65.62 2.53 0.00	53.45 2.01 0.00	52.24 1.79 0.00	49.06 1.76 0.00	39.55 1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	33.09 -0.13 0.00	32.77 -0.18 0.00	33.61 -0.14 0.00	33.19 -0.23 0.00	33.09 -0.13 0.00	34.46 -0.04 0.00	47.02 0.24 0.00	61.73 0.19 0.00	53.85 -0.50 0.00	31.43 -0.66 0.00	27.68 -0.66 0.00	27.43 -0.74 0.00	27.10 -0.78 0.00	29.62 -0.92 0.00	32.98 -0.76 0.00	40.65 -0.55 0.00	55.01 -0.15 0.00	71.87 0.01 0.00	72.94 0.26 0.00	63.56 0.47 0.00	51.86 0.42 0.00	50.96 0.51 0.00	48.03 0.74 0.00	38.72 0.55 0.00
LYONS_FALL_HYD 23570	33.01 -0.22 0.00	32.71 -0.24 0.00	33.53 -0.21 0.00	33.24 -0.18 0.00	33.10 -0.13 0.00	34.54 0.04 0.00	47.10 0.32 0.00	61.74 0.20 0.00	53.89 -0.47 0.00	31.46 -0.63 0.00	27.71 -0.62 0.00	27.51 -0.65 0.00	27.31 -0.57 0.00	29.78 -0.76 0.00	33.07 -0.67 0.00	40.74 -0.46 0.00	55.15 -0.01 0.00	72.02 0.16 0.00	73.00 0.32 0.00	63.86 0.76 0.00	52.06 0.62 0.00	50.98 0.52 0.00	47.86 0.56 0.00	38.60 0.42 0.00
MADISON___COUNTY_LFGE 323628	33.65 0.42 0.00	33.44 0.48 0.00	34.25 0.50 0.00	33.96 0.54 0.00	33.78 0.56 0.00	35.30 0.79 0.00	48.00 1.22 0.00	62.99 1.44 0.00	55.18 0.82 0.00	32.38 0.29 0.00	28.50 0.17 0.00	28.38 0.21 0.00	28.10 0.22 0.00	30.66 0.12 0.00	33.81 0.07 0.00	41.54 0.34 0.00	56.10 0.94 0.00	73.28 1.43 0.00	74.14 1.46 0.00	64.45 1.35 0.00	52.45 1.01 0.00	51.36 0.91 0.00	48.11 0.81 0.00	38.78 0.61 0.00
MALONE___115KV_TB1 356076	33.17 -0.06 0.00	32.86 -0.09 0.00	33.74 0.00 0.00	33.38 -0.04 0.00	33.33 0.11 0.00	34.66 0.16 0.00	47.20 0.42 0.00	62.34 0.80 0.00	54.99 0.62 0.00	32.30 0.20 0.00	28.39 0.06 0.00	28.17 0.00 0.00	27.75 -0.13 0.00	30.35 -0.18 0.00	33.67 -0.07 0.00	41.30 0.10 0.00	55.90 0.74 0.00	73.20 1.35 0.00	74.31 1.63 0.00	64.21 1.12 0.00	52.38 0.94 0.00	51.47 1.02 0.00	48.47 1.17 0.00	39.11 0.93 0.00
MAPLEWOD_115KV_TB3 80458	34.58 1.35 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.64 1.23 0.00	34.32 1.10 0.00	35.69 1.18 0.00	48.07 1.29 0.00	63.12 1.57 0.00	54.88 0.52 0.00	32.46 0.36 0.00	28.69 0.35 0.00	28.48 0.31 0.00	28.35 0.47 0.00	31.12 0.58 0.00	34.86 1.12 0.00	42.40 1.20 0.00	56.38 1.23 0.00	73.31 1.46 0.00	73.95 1.27 0.00	64.59 1.49 0.00	52.68 1.24 0.00	51.55 1.09 0.00	48.32 1.03 0.00	38.88 0.71 0.00
MAPLE_RIDGE_WT_1 323574	32.54 -0.69 0.00	32.19 -0.77 0.00	33.00 -0.74 0.00	32.75 -0.67 0.00	32.66 -0.56 0.00	34.00 -0.51 0.00	46.25 -0.53 0.00	60.75 -0.80 0.00	53.57 -0.79 0.00	31.44 -0.65 0.00	27.63 -0.71 0.00	27.39 -0.78 0.00	27.12 -0.75 0.00	29.74 -0.80 0.00	33.00 -0.74 0.00	40.28 -0.92 0.00	54.04 -1.12 0.00	70.38 -1.48 0.00	71.46 -1.21 0.00	62.20 -0.90 0.00	50.94 -0.49 0.00	50.03 -0.43 0.00	46.82 -0.48 0.00	37.86 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	32.54 -0.69 0.00	32.19 -0.77 0.00	33.00 -0.74 0.00	32.75 -0.67 0.00	32.66 -0.56 0.00	34.00 -0.51 0.00	46.25 -0.53 0.00	60.75 -0.80 0.00	53.57 -0.79 0.00	31.44 -0.65 0.00	27.63 -0.71 0.00	27.39 -0.78 0.00	27.12 -0.75 0.00	29.74 -0.80 0.00	33.00 -0.74 0.00	40.28 -0.92 0.00	54.04 -1.12 0.00	70.38 -1.48 0.00	71.46 -1.21 0.00	62.20 -0.90 0.00	50.94 -0.49 0.00	50.03 -0.43 0.00	46.82 -0.48 0.00	37.86 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	32.51 -0.72 0.00	32.23 -0.72 0.00	33.10 -0.64 0.00	32.76 -0.66 0.00	32.70 -0.52 0.00	33.98 -0.53 0.00	46.13 -0.65 0.00	60.76 -0.79 0.00	53.72 -0.64 0.00	31.64 -0.45 0.00	27.92 -0.42 0.00	27.67 -0.50 0.00	27.31 -0.57 0.00	29.82 -0.72 0.00	33.05 -0.69 0.00	40.44 -0.76 0.00	54.71 -0.45 0.00	71.78 -0.08 0.00	72.89 0.21 0.00	63.04 -0.06 0.00	51.45 0.01 0.00	50.56 0.10 0.00	47.65 0.35 0.00	38.50 0.33 0.00
MARSHVLE_115KV_TB1 80742	33.14 -0.09 0.00	32.90 -0.06 0.00	33.67 -0.07 0.00	33.33 -0.08 0.00	33.31 0.09 0.00	34.57 0.06 0.00	47.05 0.27 0.00	61.76 0.21 0.00	53.83 -0.53 0.00	31.54 -0.55 0.00	28.09 -0.24 0.00	28.05 -0.11 0.00	27.62 -0.26 0.00	30.12 -0.41 0.00	33.21 -0.53 0.00	40.79 -0.41 0.00	55.44 0.28 0.00	72.54 0.68 0.00	73.42 0.74 0.00	63.75 0.65 0.00	51.94 0.50 0.00	50.93 0.47 0.00	47.65 0.35 0.00	38.47 0.30 0.00
MARSH_HILL_WT_PWR 323713	29.57 -3.65 0.00	29.40 -3.55 0.00	30.10 -3.64 0.00	29.77 -3.66 0.00	29.99 -3.23 0.00	31.58 -2.93 0.00	42.98 -3.81 0.00	56.33 -5.22 0.00	49.50 -4.86 0.00	29.37 -2.72 0.00	24.99 -3.35 0.00	24.46 -3.71 0.00	23.78 -4.10 0.00	26.01 -4.52 0.00	19.41 -5.49 8.84	20.78 -6.14 14.28	48.45 -6.71 0.00	64.64 -7.20 0.01	66.38 -6.30 0.00	57.80 -5.30 0.00	46.61 -4.82 0.00	33.80 -4.16 12.50	28.74 -3.51 15.04	35.80 -2.38 0.00
MCINTYRE_115KV_TB2 80467	34.50 1.27 0.00	34.18 1.22 0.00	35.04 1.30 0.00	34.67 1.25 0.00	34.59 1.37 0.00	35.98 1.48 0.00	49.05 2.27 0.00	64.45 2.90 0.00	56.20 1.84 0.00	32.75 0.66 0.00	28.88 0.54 0.00	28.62 0.45 0.00	28.29 0.41 0.00	31.14 0.60 0.00	34.58 0.84 0.00	42.42 1.23 0.00	57.39 2.23 0.00	75.32 3.47 0.00	76.36 3.68 0.00	65.94 2.84 0.00	53.75 2.31 0.00	52.80 2.35 0.00	49.72 2.43 0.00	40.04 1.86 0.00
MECO_____69_KV_BK1 80468	34.21 0.98 0.00	33.93 0.98 0.00	34.70 0.96 0.00	34.37 0.95 0.00	34.28 1.06 0.00	35.55 1.04 0.00	48.52 1.74 0.00	63.62 2.07 0.00	55.02 0.66 0.00	31.98 -0.11 0.00	28.28 -0.05 0.00	28.24 0.08 0.00	27.91 0.03 0.00	30.59 0.06 0.00	33.84 0.10 0.00	41.56 0.37 0.00	57.00 1.85 0.00	74.84 2.98 0.00	75.73 3.05 0.00	65.76 2.66 0.00	53.51 2.07 0.00	52.36 1.91 0.00	48.94 1.65 0.00	39.45 1.28 0.00
MENANDS___115KV_TB5 355628	34.52 1.29 0.00	34.20 1.25 0.00	34.94 1.20 0.00	34.58 1.16 0.00	34.22 1.00 0.00	35.58 1.08 0.00	47.92 1.13 0.00	62.89 1.35 0.00	54.64 0.28 0.00	32.35 0.26 0.00	28.62 0.28 0.00	28.41 0.24 0.00	28.26 0.39 0.00	31.02 0.49 0.00	34.78 1.04 0.00	42.26 1.06 0.00	56.13 0.97 0.00	72.94 1.08 0.00	73.56 0.88 0.00	64.27 1.17 0.00	52.43 1.00 0.00	51.31 0.86 0.00	48.10 0.80 0.00	38.72 0.55 0.00
MG INDUSTRY___DRP 24185	34.40 1.17 0.00	34.13 1.18 0.00	34.92 1.17 0.00	34.56 1.14 0.00	34.21 0.99 0.00	35.53 1.03 0.00	47.96 1.18 0.00	62.97 1.42 0.00	55.29 0.93 0.00	32.66 0.57 0.00	28.83 0.49 0.00	28.62 0.46 0.00	28.43 0.55 0.00	31.21 0.67 0.00	34.65 0.91 0.00	42.25 1.06 0.00	56.31 1.15 0.00	73.15 1.29 0.00	73.83 1.15 0.00	64.39 1.29 0.00	52.52 1.08 0.00	51.44 0.99 0.00	48.22 0.92 0.00	38.88 0.71 0.00

MID___OSWEGATCHIE_HYD 23849	33.09 -0.13 0.00	32.77 -0.18 0.00	33.61 -0.14 0.00	33.19 -0.23 0.00	33.09 -0.13 0.00	34.46 -0.04 0.00	47.02 0.24 0.00	61.73 0.19 0.00	53.85 -0.50 0.00	31.43 -0.66 0.00	27.68 -0.66 0.00	27.43 -0.74 0.00	27.10 -0.78 0.00	29.62 -0.92 0.00	32.98 -0.76 0.00	40.65 -0.55 0.00	55.01 -0.15 0.00	71.87 0.01 0.00	72.94 0.26 0.00	63.56 0.47 0.00	51.86 0.42 0.00	50.96 0.51 0.00	48.03 0.74 0.00	38.72 0.55 0.00
MID___RAQUETTE_HYD 23851	33.86 0.64 0.00	33.54 0.59 0.00	34.40 0.66 0.00	34.02 0.60 0.00	33.94 0.72 0.00	35.24 0.74 0.00	47.97 1.19 0.00	63.10 1.55 0.00	55.38 1.02 0.00	32.41 0.32 0.00	28.54 0.20 0.00	28.31 0.14 0.00	27.96 0.08 0.00	30.65 0.11 0.00	34.01 0.27 0.00	41.73 0.54 0.00	56.16 1.00 0.00	73.35 1.49 0.00	74.37 1.70 0.00	64.35 1.25 0.00	52.51 1.07 0.00	51.75 1.30 0.00	48.86 1.57 0.00	39.38 1.20 0.00
MILLIKEN___1 23584	33.18 -0.04 0.00	32.95 0.00 0.00	33.70 -0.04 0.00	33.41 -0.01 0.00	33.28 0.06 0.00	34.73 0.22 0.00	47.22 0.44 0.00	62.08 0.53 0.00	54.44 0.09 0.00	32.02 -0.08 0.00	28.08 -0.25 0.00	27.83 -0.33 0.00	27.49 -0.38 0.00	30.08 -0.46 0.00	39.77 -0.64 -6.68	51.37 -0.48 -10.66	55.10 -0.06 0.00	72.14 0.27 -0.01	73.12 0.44 0.00	63.42 0.32 0.00	51.57 0.13 0.00	61.26 0.12 -10.69	60.24 0.08 -12.86	38.26 0.09 0.00
MILLIKEN___2 23585	33.18 -0.04 0.00	32.95 0.00 0.00	33.70 -0.04 0.00	33.41 -0.01 0.00	33.28 0.06 0.00	34.73 0.22 0.00	47.22 0.44 0.00	62.08 0.53 0.00	54.44 0.09 0.00	32.02 -0.08 0.00	28.08 -0.25 0.00	27.83 -0.33 0.00	27.49 -0.38 0.00	30.08 -0.46 0.00	39.77 -0.64 -6.68	51.37 -0.48 -10.66	55.10 -0.06 0.00	72.14 0.27 -0.01	73.12 0.44 0.00	63.42 0.32 0.00	51.57 0.13 0.00	61.26 0.12 -10.69	60.24 0.08 -12.86	38.26 0.09 0.00
MILLIKEN___DIESEL 23629	33.18 -0.04 0.00	32.95 0.00 0.00	33.70 -0.04 0.00	33.41 -0.01 0.00	33.28 0.06 0.00	34.73 0.22 0.00	47.22 0.44 0.00	62.08 0.53 0.00	54.44 0.09 0.00	32.02 -0.08 0.00	28.08 -0.25 0.00	27.83 -0.33 0.00	27.49 -0.38 0.00	30.08 -0.46 0.00	39.77 -0.64 -6.68	51.37 -0.48 -10.66	55.10 -0.06 0.00	72.14 0.27 -0.01	73.12 0.44 0.00	63.42 0.32 0.00	51.57 0.13 0.00	61.26 0.12 -10.69	60.24 0.08 -12.86	38.26 0.09 0.00
MILLSEAT___LFGE 323607	30.03 -3.20 0.00	29.74 -3.22 0.00	30.50 -3.25 0.00	30.22 -3.20 0.00	30.33 -2.89 0.00	31.70 -2.80 0.00	43.13 -3.65 0.00	56.62 -4.93 0.00	50.24 -4.13 0.00	30.06 -2.03 0.00	26.17 -2.17 0.00	26.02 -2.15 0.00	25.22 -2.66 0.00	27.38 -3.16 0.00	27.50 -3.73 2.50	33.35 -3.86 3.98	50.89 -4.27 0.00	66.19 -5.66 0.00	67.62 -5.05 0.00	58.56 -4.53 0.00	47.68 -3.76 0.00	42.99 -3.41 4.05	39.46 -2.96 4.88	35.99 -2.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.36 2.14 0.00	34.99 2.03 0.00	35.67 1.93 0.00	35.39 1.97 0.00	35.11 1.89 0.00	36.71 2.20 0.00	49.75 2.97 0.00	65.60 4.05 0.00	58.29 3.93 0.00	34.52 2.42 0.00	30.33 2.00 0.00	30.00 1.83 0.00	29.71 1.83 0.00	32.64 2.10 0.00	35.96 2.22 0.00	43.84 2.64 0.00	58.11 2.96 0.00	75.47 3.61 0.00	76.12 3.44 0.00	65.89 2.79 0.00	53.65 2.21 0.00	52.66 2.21 0.00	49.19 1.89 0.00	39.83 1.66 0.00
MILLWOOD_13_KV_LOAD 356217	35.42 2.20 0.00	35.05 2.10 0.00	35.73 1.99 0.00	35.45 2.03 0.00	35.17 1.95 0.00	36.79 2.28 0.00	49.86 3.08 0.00	65.75 4.20 0.00	58.41 4.05 0.00	34.58 2.49 0.00	30.39 2.05 0.00	30.05 1.89 0.00	29.77 1.89 0.00	32.68 2.15 0.00	36.02 2.28 0.00	43.93 2.74 0.00	58.26 3.10 0.00	75.66 3.81 0.00	76.30 3.63 0.00	66.05 2.95 0.00	53.77 2.33 0.00	52.78 2.33 0.00	49.29 1.99 0.00	39.91 1.73 0.00
MODEL_CITY_ENERGY 24167	28.84 -4.38 0.00	28.58 -4.37 0.00	29.33 -4.42 0.00	29.04 -4.38 0.00	29.17 -4.05 0.00	30.41 -4.09 0.00	41.25 -5.54 0.00	54.07 -7.47 0.00	48.27 -6.09 0.00	29.22 -2.87 0.00	25.48 -2.86 0.00	25.33 -2.84 0.00	24.52 -3.36 0.00	26.60 -3.94 0.00	26.31 -4.64 2.79	31.59 -5.18 4.42	48.71 -6.45 0.00	63.09 -8.76 0.00	64.52 -8.16 0.00	55.93 -7.17 0.00	45.63 -5.80 0.00	40.67 -5.26 4.52	37.30 -4.56 5.45	34.81 -3.37 0.00
MODERN_LFGE___ 323580	28.84 -4.38 0.00	28.58 -4.37 0.00	29.33 -4.42 0.00	29.04 -4.38 0.00	29.17 -4.05 0.00	30.41 -4.09 0.00	41.25 -5.54 0.00	54.07 -7.47 0.00	48.27 -6.09 0.00	29.22 -2.87 0.00	25.48 -2.86 0.00	25.33 -2.84 0.00	24.52 -3.36 0.00	26.60 -3.94 0.00	26.31 -4.64 2.79	31.59 -5.18 4.42	48.71 -6.45 0.00	63.09 -8.76 0.00	64.52 -8.16 0.00	55.93 -7.17 0.00	45.63 -5.80 0.00	40.67 -5.26 4.52	37.30 -4.56 5.45	34.81 -3.37 0.00
MOHAWK_PAPER___DRP 24187	34.58 1.35 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.64 1.23 0.00	34.32 1.10 0.00	35.69 1.18 0.00	48.07 1.29 0.00	63.12 1.57 0.00	54.88 0.52 0.00	32.46 0.36 0.00	28.69 0.35 0.00	28.48 0.31 0.00	28.35 0.47 0.00	31.12 0.58 0.00	34.86 1.12 0.00	42.40 1.20 0.00	56.38 1.23 0.00	73.31 1.46 0.00	73.95 1.27 0.00	64.59 1.49 0.00	52.68 1.24 0.00	51.55 1.09 0.00	48.32 1.03 0.00	38.88 0.71 0.00
MOHICAN___35_KV_115KV_LD 80490	34.92 1.69 0.00	34.53 1.58 0.00	35.28 1.54 0.00	34.92 1.50 0.00	34.73 1.51 0.00	36.23 1.72 0.00	48.74 1.97 0.00	64.15 2.61 0.00	56.23 1.87 0.00	32.95 0.86 0.00	28.92 0.58 0.00	28.72 0.55 0.00	28.85 0.97 0.00	31.57 1.03 0.00	35.03 1.29 0.00	42.78 1.58 0.00	57.32 2.16 0.00	74.79 2.93 0.00	75.50 2.82 0.00	65.97 2.88 0.00	53.62 2.18 0.00	52.35 1.89 0.00	49.32 2.03 0.00	39.80 1.63 0.00
MONGAUP___HYD 23641	35.47 2.24 0.00	35.10 2.15 0.00	35.81 2.07 0.00	35.52 2.10 0.00	35.29 2.07 0.00	36.87 2.37 0.00	50.03 3.25 0.00	65.92 4.37 0.00	58.18 3.82 0.00	34.17 2.08 0.00	29.87 1.53 0.00	29.52 1.36 0.00	29.20 1.32 0.00	32.05 1.51 0.00	35.37 1.63 0.00	43.32 2.13 0.00	58.07 2.92 0.00	75.83 3.97 0.00	76.65 3.97 0.00	66.41 3.31 0.00	54.08 2.64 0.00	53.04 2.58 0.00	49.52 2.23 0.00	40.02 1.85 0.00
MONTAUK___DIESEL 23721	16.61 0.41 17.03	3.57 0.28 29.66	10.01 0.05 23.78	18.82 0.11 14.71	21.30 0.15 12.07	35.38 0.88 0.00	48.12 1.34 0.00	61.86 2.70 2.39	4.86 2.74 52.24	-14.71 1.52 48.32	-7.73 1.23 37.29	-18.70 0.72 47.59	-3.41 0.81 32.10	-0.44 0.93 31.90	5.28 1.00 29.46	22.97 1.35 19.58	27.47 1.40 29.08	24.30 2.03 49.59	40.17 1.43 33.93	65.06 1.97 0.00	52.69 1.72 0.47	50.87 1.93 1.51	49.34 2.04 0.00	39.57 1.42 0.03
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.04 -4.19 0.00	28.93 -4.03 0.00	29.96 -3.78 0.00	30.01 -3.41 0.00	30.26 -2.96 0.00	31.77 -2.73 0.00	43.39 -3.39 0.00	57.25 -4.30 0.00	51.15 -3.21 0.00	30.47 -1.63 0.00	25.92 -2.42 0.00	25.61 -2.56 0.00	24.86 -3.02 0.00	27.19 -3.35 0.00	25.86 -4.43 3.45	30.69 -5.01 5.49	49.43 -5.73 0.00	64.72 -7.13 0.00	66.66 -5.32 0.00	57.77 -4.67 0.00	46.76 -3.94 6.08	40.44 -3.46 7.32	36.52 -2.44 0.00	35.74 -2.44 0.00

MORRIS_RIDGE___SOLAR 323848	29.72 -3.51 0.00	29.53 -3.42 0.00	30.27 -3.47 0.00	29.99 -3.43 0.00	30.18 -3.05 0.00	31.61 -2.89 0.00	43.07 -3.71 0.00	56.69 -4.86 0.00	49.87 -4.49 0.00	29.67 -2.42 0.00	25.50 -2.84 0.00	25.18 -2.98 0.00	24.45 -3.42 0.00	26.80 -3.74 0.00	23.14 -4.69 5.90	26.81 -5.12 9.27	49.34 -5.82 0.00	64.61 -7.24 0.00	66.19 -6.48 0.00	57.63 -5.47 0.00	46.73 -4.70 0.00	37.30 -4.21 8.94	32.91 -3.63 10.76	35.63 -2.55 0.00
MORTIMER_115KV_TB3 55949	31.03 -2.20 0.00	30.75 -2.20 0.00	31.51 -2.23 0.00	31.23 -2.19 0.00	31.23 -1.99 0.00	32.56 -1.95 0.00	44.25 -2.53 0.00	58.16 -3.39 0.00	51.54 -2.81 0.00	30.80 -1.30 0.00	26.98 -1.36 0.00	26.78 -1.38 0.00	26.20 -1.67 0.00	28.55 -1.99 0.00	29.70 -2.38 1.66	36.10 -2.45 2.65	52.33 -2.83 0.00	68.13 -3.72 0.00	69.33 -3.35 0.00	60.07 -3.03 0.00	48.89 -2.55 0.00	45.38 -2.41 2.66	41.92 -2.17 3.21	36.52 -1.66 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.62 2.40 0.00	35.23 2.28 0.00	35.91 2.17 0.00	35.61 2.20 0.00	35.34 2.12 0.00	36.95 2.45 0.00	50.04 3.26 0.00	66.03 4.48 0.00	58.74 4.38 0.00	34.85 2.76 0.00	30.64 2.31 0.00	30.32 2.15 0.00	30.02 2.14 0.00	32.97 2.43 0.00	36.30 2.56 0.00	44.24 3.05 0.00	58.56 3.40 0.00	75.97 4.11 0.00	76.56 3.88 0.00	66.24 3.14 0.00	53.92 2.48 0.00	52.96 2.50 0.00	49.47 2.17 0.00	40.10 1.92 0.00
MUNSVILLE_WIND_PWR 323609	33.47 0.25 0.00	33.28 0.32 0.00	34.05 0.31 0.00	33.78 0.36 0.00	33.71 0.49 0.00	35.26 0.76 0.00	48.29 1.51 0.00	63.51 1.97 0.00	55.36 1.00 0.00	32.38 0.29 0.00	28.28 -0.05 0.00	27.78 -0.39 0.00	27.35 -0.53 0.00	29.87 -0.67 0.00	36.46 -0.81 -3.54	46.05 -0.79 -5.64	55.27 0.11 0.00	73.81 1.95 0.00	75.01 2.33 0.00	65.36 2.26 0.00	52.59 1.15 0.00	57.34 1.22 -5.67	55.57 1.45 -6.82	39.27 1.10 0.00
N SALMON___HYD 24042	33.17 -0.06 0.00	32.86 -0.09 0.00	33.74 0.00 0.00	33.38 -0.04 0.00	33.33 0.11 0.00	34.66 0.16 0.00	47.20 0.42 0.00	62.34 0.80 0.00	54.99 0.62 0.00	32.30 0.20 0.00	28.39 0.06 0.00	28.17 0.00 0.00	27.75 -0.13 0.00	30.35 -0.18 0.00	33.67 -0.07 0.00	41.30 0.10 0.00	55.90 0.74 0.00	73.20 1.35 0.00	74.31 1.63 0.00	64.21 1.11 0.00	52.38 0.94 0.00	51.47 1.02 0.00	48.47 1.17 0.00	39.11 0.93 0.00
N.AKRON__115KV_KNAPP 355671	29.76 -3.46 0.00	29.48 -3.48 0.00	30.24 -3.50 0.00	29.96 -3.46 0.00	30.10 -3.12 0.00	31.42 -3.08 0.00	42.71 -4.08 0.00	56.06 -5.49 0.00	49.83 -4.53 0.00	29.93 -2.16 0.00	26.05 -2.29 0.00	25.98 -2.19 0.00	25.10 -2.78 0.00	27.23 -3.31 0.00	27.25 -3.91 2.58	32.99 -4.10 4.11	50.39 -4.77 0.00	65.48 -6.38 0.00	66.95 -5.73 0.00	57.97 -5.13 0.00	47.21 -4.22 0.00	42.45 -3.82 4.18	38.97 -3.29 5.04	35.74 -2.44 0.00
N.E_GEN_SANDY PD 24062	35.36 1.47 -0.66	34.36 1.41 0.00	35.10 1.36 0.00	34.74 1.32 0.00	34.56 1.26 -0.08	36.75 1.32 -0.93	47.44 1.23 0.57	70.52 1.69 -7.29	39.50 1.97 16.82	33.22 1.13 0.00	29.19 0.85 0.00	28.90 0.74 0.00	28.85 0.97 0.00	31.41 1.15 0.28	35.68 1.32 -0.62	42.30 1.23 0.12	56.12 0.97 0.00	73.00 1.15 0.00	72.42 0.86 1.12	64.32 1.22 0.00	52.47 1.03 0.00	50.38 0.80 0.87	48.21 0.91 0.00	39.32 0.72 -0.44
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.39 2.16 0.00	35.01 2.06 0.00	35.69 1.95 0.00	35.42 2.00 0.00	35.14 1.92 0.00	36.75 2.24 0.00	49.85 3.07 0.00	65.71 4.16 0.00	58.33 3.97 0.00	34.52 2.43 0.00	30.31 1.98 0.00	29.98 1.82 0.00	29.69 1.81 0.00	32.62 2.08 0.00	35.95 2.21 0.00	43.82 2.63 0.00	58.12 2.96 0.00	75.53 3.67 0.00	76.20 3.52 0.00	65.93 2.83 0.00	53.67 2.23 0.00	52.69 2.23 0.00	49.18 1.88 0.00	39.85 1.67 0.00
N.QUEENS_27_KV_LOAD 356247	35.71 2.49 0.00	35.30 2.35 0.00	35.98 2.23 0.00	35.69 2.27 0.00	35.42 2.20 0.00	37.08 2.57 0.00	50.26 3.48 0.00	66.39 4.84 0.00	59.19 4.83 0.00	35.01 2.92 0.00	30.73 2.40 0.00	30.42 2.25 0.00	30.15 2.27 0.00	33.07 2.54 0.00	36.39 2.65 0.00	44.36 3.16 0.00	58.66 3.50 0.00	76.10 4.25 0.00	76.75 4.08 0.00	66.40 3.30 0.00	54.07 2.63 0.00	53.16 2.71 0.00	49.66 2.36 0.00	40.23 2.05 0.00
N.TROY___115KV_TB1 355778	34.58 1.35 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.65 1.23 0.00	34.38 1.16 0.00	35.76 1.26 0.00	48.08 1.30 0.00	63.24 1.69 0.00	55.50 1.14 0.00	32.73 0.64 0.00	28.83 0.49 0.00	28.61 0.44 0.00	28.53 0.64 0.00	31.30 0.76 0.00	34.89 1.15 0.00	42.39 1.20 0.00	56.40 1.24 0.00	73.36 1.50 0.00	73.98 1.30 0.00	64.60 1.50 0.00	52.65 1.22 0.00	51.48 1.02 0.00	48.34 1.04 0.00	38.97 0.80 0.00
NARROWS_GT1_1 24228	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT1_2 24229	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT1_3 24230	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT1_4 24231	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT1_5 24232	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00

NARROWS_GT1_6 24233	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT1_7 24234	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT1_8 24235	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT2_1 24236	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT2_2 24237	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT2_3 24238	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT2_4 24239	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT2_5 24240	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT2_6 24241	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT2_7 24242	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NARROWS_GT2_8 24243	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.07 4.22 0.00	76.75 4.07 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.20 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.79 1.57 0.00	34.50 1.55 0.00	35.29 1.55 0.00	34.92 1.50 0.00	34.51 1.29 0.00	35.92 1.41 0.00	48.54 1.76 0.00	63.79 2.24 0.00	55.44 1.08 0.00	32.52 0.43 0.00	28.73 0.40 0.00	28.57 0.41 0.00	28.42 0.54 0.00	31.26 0.72 0.00	34.87 1.13 0.00	42.54 1.34 0.00	57.13 1.97 0.00	74.58 2.72 0.00	75.31 2.64 0.00	65.65 2.55 0.00	53.48 2.04 0.00	52.25 1.80 0.00	48.90 1.60 0.00	39.33 1.15 0.00
NCHELSEA_115KV_TR2 355582	35.50 2.28 0.00	35.14 2.18 0.00	35.84 2.10 0.00	35.55 2.13 0.00	35.28 2.06 0.00	36.87 2.37 0.00	49.98 3.20 0.00	65.89 4.34 0.00	58.45 4.10 0.00	34.57 2.47 0.00	30.36 2.03 0.00	30.05 1.88 0.00	29.75 1.88 0.00	32.67 2.13 0.00	36.04 2.30 0.00	44.01 2.81 0.00	58.46 3.30 0.00	75.95 4.10 0.00	76.64 3.96 0.00	66.39 3.30 0.00	54.06 2.62 0.00	53.05 2.60 0.00	49.54 2.25 0.00	40.07 1.90 0.00
NEG CAPITAL____MECHNVIL 23645	34.88 1.66 0.00	34.56 1.61 0.00	35.33 1.58 0.00	34.97 1.55 0.00	34.74 1.51 0.00	36.18 1.67 0.00	48.77 1.99 0.00	64.11 2.56 0.00	56.27 1.92 0.00	33.10 1.01 0.00	29.12 0.78 0.00	28.92 0.76 0.00	28.84 0.96 0.00	31.61 1.08 0.00	35.16 1.42 0.00	42.91 1.72 0.00	57.32 2.16 0.00	74.62 2.77 0.00	75.30 2.63 0.00	65.69 2.59 0.00	53.50 2.06 0.00	52.26 1.81 0.00	49.06 1.77 0.00	39.56 1.39 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.72 -2.51 0.00	30.45 -2.50 0.00	31.19 -2.55 0.00	30.93 -2.49 0.00	30.86 -2.36 0.00	32.21 -2.29 0.00	43.85 -2.94 0.00	57.62 -3.93 0.00	50.93 -3.42 0.00	30.32 -1.77 0.00	26.60 -1.73 0.00	26.40 -1.76 0.00	25.90 -1.97 0.00	28.25 -2.29 0.00	30.26 -2.66 0.82	37.11 -2.79 1.30	51.83 -3.32 0.00	67.50 -4.36 0.00	68.57 -4.11 0.00	59.39 -3.71 0.00	48.37 -3.06 1.32	46.17 -2.97 1.59	42.92 -2.79 1.59	35.97 -2.20 0.00

NEG CENTRAL___DRP 24199	32.16 -1.06 0.00	31.91 -1.04 0.00	32.64 -1.10 0.00	32.37 -1.05 0.00	32.27 -0.95 0.00	33.63 -0.88 0.00	45.75 -1.04 0.00	60.12 -1.43 0.00	52.93 -1.43 0.00	31.33 -0.76 0.00	27.55 -0.78 0.00	27.35 -0.81 0.00	26.98 -0.89 0.00	29.49 -1.05 0.00	32.46 -1.28 0.00	39.94 -1.26 0.00	53.85 -1.30 0.00	70.31 -1.54 0.00	71.30 -1.38 0.00	61.78 -1.31 0.00	50.29 -1.15 0.00	49.34 -1.11 0.00	46.19 -1.10 0.00	37.30 -0.87 0.00
NEG CENTRAL___INDECK 23768	31.44 -1.79 0.00	31.15 -1.80 0.00	31.86 -1.88 0.00	31.55 -1.87 0.00	31.68 -1.54 0.00	33.20 -1.30 0.00	45.41 -1.37 0.00	59.69 -1.86 0.00	52.24 -2.12 0.00	30.76 -1.33 0.00	26.70 -1.64 0.00	26.40 -1.77 0.00	25.75 -2.13 0.00	28.11 -2.43 0.00	25.73 -2.88 5.13	29.99 -2.89 8.32	52.44 -2.71 0.00	69.15 -2.71 0.00	70.70 -1.98 0.00	61.36 -1.73 0.00	49.84 -1.59 0.00	41.16 -1.43 7.86	36.64 -1.20 9.46	37.33 -0.84 0.00
NEG CENTRAL___SENECA 23627	31.92 -1.31 0.00	31.65 -1.31 0.00	32.40 -1.34 0.00	32.13 -1.29 0.00	32.04 -1.18 0.00	33.42 -1.09 0.00	45.48 -1.30 0.00	59.79 -1.76 0.00	52.68 -1.68 0.00	31.21 -0.89 0.00	27.41 -0.93 0.00	27.21 -0.95 0.00	26.80 -1.08 0.00	29.25 -1.29 0.00	31.65 -1.54 0.55	38.84 -1.47 0.88	53.67 -1.49 0.00	70.00 -1.86 0.00	71.04 -1.64 0.00	61.55 -1.55 0.00	50.08 -1.36 0.00	48.24 -1.32 0.89	44.94 -1.28 1.07	37.17 -1.01 0.00
NEG CENTRAL___STATE_STREET 24147	32.74 -0.48 0.00	32.51 -0.45 0.00	33.17 -0.57 0.00	32.95 -0.47 0.00	32.83 -0.39 0.00	34.21 -0.29 0.00	46.53 -0.25 0.00	61.09 -0.46 0.00	53.60 -0.76 0.00	31.67 -0.42 0.00	27.87 -0.47 0.00	27.66 -0.50 0.00	27.33 -0.55 0.00	29.90 -0.64 0.00	34.11 -0.82 -1.19	42.26 -0.84 -1.90	54.37 -0.79 0.00	71.24 -0.62 0.00	72.18 -0.50 0.00	62.41 -0.68 0.00	50.93 -0.51 0.00	51.88 -0.48 -1.90	49.05 -0.54 -2.29	37.78 -0.39 0.00
NEG MILLWOOD___DRP 24198	35.56 2.33 0.00	35.19 2.24 0.00	35.88 2.14 0.00	35.59 2.17 0.00	35.33 2.11 0.00	36.94 2.44 0.00	50.10 3.32 0.00	66.06 4.51 0.00	58.65 4.29 0.00	34.70 2.61 0.00	30.49 2.15 0.00	30.17 2.01 0.00	29.87 1.99 0.00	32.81 2.27 0.00	36.16 2.42 0.00	44.15 2.95 0.00	58.62 3.46 0.00	76.18 4.32 0.00	76.86 4.18 0.00	66.57 3.47 0.00	54.18 2.74 0.00	53.16 2.70 0.00	49.64 2.34 0.00	40.17 1.99 0.00
NEG NORTH_FLCN_SEA 23793	32.67 -0.55 0.00	32.39 -0.56 0.00	33.27 -0.48 0.00	32.93 -0.49 0.00	32.87 -0.35 0.00	34.18 -0.33 0.00	46.41 -0.37 0.00	61.16 -0.39 0.00	54.04 -0.31 0.00	31.82 -0.28 0.00	28.06 -0.28 0.00	27.80 -0.36 0.00	27.44 -0.44 0.00	29.97 -0.57 0.00	33.22 -0.52 0.00	40.67 -0.53 0.00	55.08 -0.07 0.00	72.30 0.45 0.00	73.44 0.76 0.00	63.51 0.41 0.00	51.82 0.38 0.00	50.89 0.44 0.00	47.97 0.68 0.00	38.75 0.58 0.00
NEG NORTH_KES_CHATEGAY 23792	32.63 -0.60 0.00	32.34 -0.62 0.00	33.23 -0.51 0.00	32.87 -0.55 0.00	32.82 -0.40 0.00	34.11 -0.39 0.00	46.32 -0.46 0.00	61.05 -0.50 0.00	53.90 -0.46 0.00	31.71 -0.38 0.00	27.97 -0.36 0.00	27.72 -0.45 0.00	27.34 -0.53 0.00	29.88 -0.66 0.00	33.11 -0.63 0.00	40.51 -0.69 0.00	54.88 -0.27 0.00	72.10 0.24 0.00	73.23 0.55 0.00	63.30 0.20 0.00	51.67 0.23 0.00	50.75 0.30 0.00	47.81 0.51 0.00	38.61 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	32.81 -0.41 0.00	32.52 -0.43 0.00	33.40 -0.34 0.00	33.06 -0.36 0.00	33.00 -0.22 0.00	34.32 -0.18 0.00	46.66 -0.12 0.00	61.50 -0.05 0.00	54.27 -0.09 0.00	31.88 -0.21 0.00	28.08 -0.26 0.00	27.83 -0.34 0.00	27.48 -0.40 0.00	30.01 -0.53 0.00	33.31 -0.43 0.00	40.83 -0.36 0.00	55.34 0.18 0.00	72.71 0.85 0.00	73.88 1.20 0.00	63.87 0.77 0.00	52.10 0.66 0.00	51.15 0.69 0.00	48.18 0.88 0.00	38.90 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	32.81 -0.41 0.00	32.52 -0.43 0.00	33.40 -0.34 0.00	33.06 -0.36 0.00	33.00 -0.22 0.00	34.32 -0.18 0.00	46.66 -0.12 0.00	61.50 -0.05 0.00	54.27 -0.09 0.00	31.88 -0.21 0.00	28.08 -0.26 0.00	27.83 -0.34 0.00	27.48 -0.40 0.00	30.01 -0.53 0.00	33.31 -0.43 0.00	40.83 -0.36 0.00	55.34 0.18 0.00	72.71 0.85 0.00	73.88 1.20 0.00	63.87 0.77 0.00	52.10 0.66 0.00	51.15 0.69 0.00	48.18 0.88 0.00	38.90 0.72 0.00
NEG NORTH___PLATTSBURG 23628	32.82 -0.41 0.00	32.52 -0.43 0.00	33.40 -0.34 0.00	33.06 -0.36 0.00	33.00 -0.22 0.00	34.32 -0.18 0.00	46.66 -0.12 0.00	61.49 -0.05 0.00	54.27 -0.09 0.00	31.88 -0.21 0.00	28.08 -0.26 0.00	27.83 -0.34 0.00	27.48 -0.40 0.00	30.01 -0.53 0.00	33.31 -0.43 0.00	40.83 -0.36 0.00	55.34 0.18 0.00	72.72 0.86 0.00	73.88 1.20 0.00	63.87 0.77 0.00	52.10 0.66 0.00	51.15 0.69 0.00	48.18 0.88 0.00	38.90 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	29.13 -4.09 0.00	28.87 -4.08 0.00	29.62 -4.12 0.00	29.34 -4.08 0.00	29.49 -3.73 0.00	30.75 -3.76 0.00	41.73 -5.06 0.00	54.74 -6.81 0.00	48.82 -5.54 0.00	29.49 -2.60 0.00	25.69 -2.65 0.00	25.52 -2.65 0.00	24.71 -3.16 0.00	26.82 -3.72 0.00	26.57 -4.40 2.78	31.97 -4.82 4.40	49.21 -5.94 0.00	63.85 -8.01 0.00	65.31 -7.37 0.00	56.61 -6.49 0.00	46.15 -5.29 0.00	41.18 -4.79 4.49	37.76 -4.14 5.40	35.11 -3.07 0.00
NEG WEST___LANCASTR 23811	29.89 -3.34 0.00	29.66 -3.29 0.00	30.41 -3.33 0.00	30.14 -3.28 0.00	30.28 -2.94 0.00	31.58 -2.92 0.00	43.01 -3.78 0.00	56.58 -4.97 0.00	50.31 -4.05 0.00	30.39 -1.71 0.00	26.41 -1.93 0.00	26.19 -1.97 0.00	25.41 -2.46 0.00	27.65 -2.89 0.00	26.69 -3.53 3.52	31.69 -3.91 5.59	50.36 -4.80 0.00	65.36 -6.49 0.00	66.85 -5.82 0.00	57.89 -5.20 0.00	47.01 -4.42 0.00	40.60 -3.99 5.87	36.70 -3.53 7.06	35.52 -2.65 0.00
NEG_PENN_ALLEGHNY 23528	33.07 -0.16 0.00	32.83 -0.12 0.00	33.61 -0.13 0.00	33.30 -0.12 0.00	33.15 -0.07 0.00	34.54 0.04 0.00	46.91 0.13 0.00	61.77 0.22 0.00	54.47 0.11 0.00	32.33 0.24 0.00	28.32 -0.01 0.00	28.08 -0.09 0.00	27.68 -0.20 0.00	30.31 -0.23 0.00	32.78 -0.45 0.51	39.99 -0.38 0.83	54.84 -0.32 0.00	71.45 -0.40 0.00	72.39 -0.29 0.00	62.84 -0.26 0.00	51.07 -0.37 0.00	49.30 -0.36 0.79	45.97 -0.37 0.96	37.95 -0.22 0.00
NEG___GEN_MONROE 24207	31.06 -2.17 0.00	30.77 -2.18 0.00	31.55 -2.20 0.00	31.25 -2.17 0.00	31.28 -1.94 0.00	32.63 -1.88 0.00	44.39 -2.40 0.00	58.35 -3.20 0.00	51.65 -2.71 0.00	30.80 -1.29 0.00	26.93 -1.41 0.00	26.73 -1.44 0.00	26.11 -1.77 0.00	28.42 -2.11 0.00	29.51 -2.52 1.71	35.98 -2.49 2.72	52.48 -2.67 0.00	68.39 -3.47 0.00	69.63 -3.05 0.00	60.30 -2.80 0.00	49.07 -2.36 0.00	45.48 -2.24 2.74	41.99 -2.01 3.30	36.66 -1.52 0.00
NEPA___ENERGY 23901	30.22 -3.01 0.00	30.04 -2.91 0.00	30.80 -2.94 0.00	30.59 -2.83 0.00	30.77 -2.45 0.00	32.13 -2.37 0.00	43.86 -2.92 0.00	57.61 -3.93 0.00	51.03 -3.33 0.00	30.91 -1.18 0.00	26.71 -1.63 0.00	26.53 -1.63 0.00	25.75 -2.13 0.00	28.09 -2.45 0.00	26.88 -3.37 3.48	31.75 -3.90 5.54	50.43 -4.72 0.00	65.72 -6.13 0.00	67.35 -5.33 0.00	58.41 -4.69 0.00	47.23 -4.21 0.00	40.66 -3.89 5.90	36.63 -3.57 7.10	35.69 -2.48 0.00

NEVERSINK___HYD 23608	34.92 1.70 0.00	34.58 1.63 0.00	35.30 1.56 0.00	35.01 1.60 0.00	34.78 1.55 0.00	36.36 1.86 0.00	49.33 2.55 0.00	65.04 3.49 0.00	57.59 3.23 0.00	34.06 1.98 0.00	29.85 1.52 0.00	29.44 1.28 0.00	28.99 1.12 0.00	31.11 0.58 0.00	34.34 0.60 0.00	42.02 0.83 0.00	56.08 0.93 0.00	72.99 1.14 0.00	73.72 1.04 0.00	63.86 0.76 0.00	52.18 0.74 0.00	52.46 2.01 0.00	48.95 1.66 0.00	39.57 1.40 0.00
NEWKRMKL_115KV_TB1 55635	34.48 1.25 0.00	34.18 1.23 0.00	34.92 1.18 0.00	34.54 1.12 0.00	34.09 0.87 0.00	35.44 0.94 0.00	47.78 0.99 0.00	62.72 1.18 0.00	54.73 0.37 0.00	32.43 0.34 0.00	28.67 0.34 0.00	28.47 0.30 0.00	28.33 0.45 0.00	31.10 0.56 0.00	34.75 1.01 0.00	42.22 1.03 0.00	56.13 0.97 0.00	72.92 1.07 0.00	73.53 0.86 0.00	64.20 1.11 0.00	52.36 0.92 0.00	51.24 0.79 0.00	48.02 0.72 0.00	38.66 0.48 0.00
NEWTON___FALLS_HYD 23847	33.09 -0.13 0.00	32.77 -0.18 0.00	33.61 -0.14 0.00	33.19 -0.23 0.00	33.09 -0.13 0.00	34.46 -0.04 0.00	47.02 0.24 0.00	61.73 0.19 0.00	53.85 -0.50 0.00	31.43 -0.66 0.00	27.68 -0.66 0.00	27.43 -0.74 0.00	27.10 -0.78 0.00	29.62 -0.92 0.00	32.98 -0.76 0.00	40.65 -0.55 0.00	55.01 -0.15 0.00	71.87 0.01 0.00	72.94 0.26 0.00	63.56 0.47 0.00	51.86 0.42 0.00	50.96 0.51 0.00	48.03 0.74 0.00	38.72 0.55 0.00
NGRID_A1_DSASP 323792	28.03 -5.20 0.00	27.76 -5.19 0.00	28.49 -5.26 0.00	28.20 -5.22 0.00	28.33 -4.89 0.00	29.52 -4.99 0.00	40.01 -6.78 0.00	52.44 -9.11 0.00	46.85 -7.51 0.00	28.40 -3.69 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.67 0.00	25.70 -5.18 2.86	30.96 -5.69 4.55	47.38 -7.77 0.00	61.42 -10.44 0.00	62.80 -9.88 0.00	54.45 -8.64 0.00	44.41 -7.03 0.00	39.57 -6.22 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
NGRID_A2_DSASP 323793	28.03 -5.20 0.00	27.76 -5.19 0.00	28.49 -5.26 0.00	28.20 -5.22 0.00	28.33 -4.89 0.00	29.52 -4.99 0.00	40.01 -6.78 0.00	52.44 -9.11 0.00	46.85 -7.51 0.00	28.40 -3.69 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.67 0.00	25.70 -5.18 2.86	30.96 -5.69 4.55	47.38 -7.77 0.00	61.42 -10.44 0.00	62.80 -9.88 0.00	54.45 -8.64 0.00	44.41 -7.03 0.00	39.57 -6.22 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
NGRID_A4_DSASP 323807	28.03 -5.20 0.00	27.76 -5.19 0.00	28.49 -5.26 0.00	28.20 -5.22 0.00	28.33 -4.89 0.00	29.52 -4.99 0.00	40.01 -6.78 0.00	52.44 -9.11 0.00	46.85 -7.51 0.00	28.40 -3.69 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.67 0.00	25.70 -5.18 2.86	30.96 -5.69 4.55	47.38 -7.77 0.00	61.42 -10.44 0.00	62.80 -9.88 0.00	54.45 -8.64 0.00	44.41 -7.03 0.00	39.57 -6.22 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
NIAGARA_115E_LBMP 323715	28.67 -4.56 0.00	28.41 -4.54 0.00	29.15 -4.59 0.00	28.87 -4.55 0.00	28.99 -4.24 0.00	30.22 -4.28 0.00	40.97 -5.81 0.00	53.70 -7.85 0.00	47.96 -6.40 0.00	29.08 -3.01 0.00	25.36 -2.97 0.00	25.21 -2.96 0.00	24.41 -3.47 0.00	26.47 -4.07 0.00	26.13 -4.79 2.82	31.33 -5.38 4.48	48.39 -6.76 0.00	62.63 -9.22 0.00	64.07 -8.61 0.00	55.53 -7.57 0.00	45.33 -6.11 0.00	40.30 -5.56 4.59	36.97 -4.80 5.52	34.63 -3.54 0.00
NIAGARA_115W_LBMP 323714	27.89 -5.33 0.00	27.62 -5.33 0.00	28.35 -5.40 0.00	28.06 -5.36 0.00	28.18 -5.04 0.00	29.37 -5.13 0.00	39.82 -6.96 0.00	52.17 -9.38 0.00	46.61 -7.75 0.00	28.25 -3.85 0.00	24.65 -3.68 0.00	24.49 -3.67 0.00	23.72 -4.16 0.00	25.73 -4.80 0.00	25.57 -5.31 2.86	30.76 -5.88 4.55	47.14 -8.02 0.00	61.10 -10.75 0.00	62.46 -10.22 0.00	54.18 -8.92 0.00	44.20 -7.24 0.00	39.31 -6.49 4.66	35.94 -5.75 5.61	33.56 -4.62 0.00
NIAGARA_230_LBMP 323716	29.06 -4.17 0.00	28.81 -4.15 0.00	29.56 -4.19 0.00	29.29 -4.13 0.00	29.38 -3.84 0.00	30.63 -3.88 0.00	41.50 -5.28 0.00	54.42 -7.13 0.00	48.60 -5.76 0.00	29.44 -2.65 0.00	25.70 -2.64 0.00	25.53 -2.64 0.00	24.74 -3.14 0.00	26.83 -3.70 0.00	26.62 -4.41 2.71	31.96 -4.94 4.30	49.03 -6.13 0.00	63.56 -8.30 0.00	64.99 -7.69 0.00	56.33 -6.77 0.00	45.91 -5.52 0.00	41.03 -5.04 4.38	37.61 -4.42 5.27	34.85 -3.32 0.00
NIAGARA___115KV_198_GIBSON 55903	27.90 -5.33 0.00	27.62 -5.33 0.00	28.35 -5.39 0.00	28.06 -5.36 0.00	28.20 -5.02 0.00	29.37 -5.13 0.00	39.82 -6.96 0.00	52.17 -9.38 0.00	46.62 -7.74 0.00	28.26 -3.84 0.00	24.65 -3.69 0.00	24.50 -3.67 0.00	23.72 -4.16 0.00	25.73 -4.80 0.00	25.60 -5.28 2.86	30.83 -5.82 4.55	47.15 -8.01 0.00	61.12 -10.73 0.00	62.49 -10.19 0.00	54.19 -8.91 0.00	44.20 -7.24 0.00	39.40 -6.39 4.66	35.95 -5.74 5.61	33.56 -4.62 0.00
NIAGARA____ 23760	29.06 -4.17 0.00	28.81 -4.15 0.00	29.56 -4.19 0.00	29.29 -4.13 0.00	29.38 -3.84 0.00	30.63 -3.88 0.00	41.50 -5.28 0.00	54.42 -7.13 0.00	48.60 -5.76 0.00	29.44 -2.65 0.00	25.70 -2.64 0.00	25.53 -2.64 0.00	24.74 -3.14 0.00	26.83 -3.70 0.00	26.59 -4.41 2.74	31.91 -4.94 4.35	49.03 -6.13 0.00	63.56 -8.30 0.00	64.99 -7.69 0.00	56.33 -6.77 0.00	45.91 -5.52 0.00	40.96 -5.04 4.45	37.55 -4.42 5.33	34.85 -3.32 0.00
NINE_MILE_1 23575	31.82 -1.40 0.00	31.58 -1.37 0.00	32.34 -1.41 0.00	32.04 -1.38 0.00	31.86 -1.37 0.00	33.11 -1.39 0.00	44.92 -1.86 0.00	59.07 -2.48 0.00	52.14 -2.22 0.00	30.84 -1.25 0.00	27.20 -1.13 0.00	27.02 -1.15 0.00	26.72 -1.16 0.00	29.21 -1.32 0.00	32.22 -1.52 0.00	39.44 -1.76 0.00	52.87 -2.29 0.00	68.85 -3.01 0.00	69.68 -2.99 0.00	60.51 -2.58 0.00	49.32 -2.12 0.00	48.39 -2.07 0.00	45.36 -1.94 0.00	36.61 -1.57 0.00
NINE_MILE_2 23744	31.83 -1.39 0.00	31.58 -1.37 0.00	32.34 -1.41 0.00	32.04 -1.38 0.00	31.86 -1.36 0.00	33.11 -1.39 0.00	44.92 -1.86 0.00	59.07 -2.47 0.00	52.14 -2.22 0.00	30.84 -1.25 0.00	27.20 -1.13 0.00	27.02 -1.15 0.00	26.72 -1.16 0.00	29.21 -1.32 0.00	32.23 -1.51 0.00	39.44 -1.75 0.00	52.87 -2.29 0.00	68.85 -3.00 0.00	69.68 -2.99 0.00	60.51 -2.58 0.00	49.32 -2.12 0.00	48.39 -2.07 0.00	45.36 -1.94 0.00	36.61 -1.57 0.00
NM_CAPITAL___DRP 24208	34.40 1.18 0.00	34.10 1.15 0.00	34.83 1.09 0.00	34.47 1.05 0.00	34.04 0.82 0.00	35.37 0.87 0.00	47.65 0.86 0.00	62.56 1.01 0.00	54.47 0.11 0.00	32.28 0.19 0.00	28.56 0.23 0.00	28.36 0.20 0.00	28.24 0.37 0.00	31.00 0.46 0.00	34.74 1.00 0.00	42.18 0.99 0.00	56.05 0.89 0.00	72.83 0.97 0.00	73.44 0.76 0.00	64.16 1.06 0.00	52.36 0.92 0.00	51.23 0.78 0.00	48.02 0.72 0.00	38.65 0.48 0.00
NM_CENTRAL___DRP 24181	32.39 -0.84 0.00	32.14 -0.81 0.00	32.91 -0.83 0.00	32.61 -0.81 0.00	32.44 -0.78 0.00	33.77 -0.73 0.00	45.84 -0.94 0.00	60.26 -1.29 0.00	53.15 -1.21 0.00	31.42 -0.67 0.00	27.68 -0.65 0.00	27.50 -0.67 0.00	27.18 -0.70 0.00	29.73 -0.80 0.00	32.78 -0.96 0.00	40.20 -0.99 0.00	53.95 -1.21 0.00	70.28 -1.58 0.00	71.13 -1.55 0.00	61.77 -1.33 0.00	50.29 -1.15 0.00	49.33 -1.13 0.00	46.20 -1.09 0.00	37.28 -0.90 0.00

NM_FRONTIER___DRP 24179	27.90 -5.33 0.00	27.62 -5.33 0.00	28.35 -5.39 0.00	28.06 -5.36 0.00	28.20 -5.02 0.00	29.37 -5.13 0.00	39.82 -6.96 0.00	52.17 -9.38 0.00	46.62 -7.74 0.00	28.26 -3.84 0.00	24.65 -3.69 0.00	24.50 -3.67 0.00	23.72 -4.16 0.00	25.73 -4.80 0.00	25.60 -5.28 2.86	30.83 -5.82 4.55	47.15 -8.01 0.00	61.12 -10.73 0.00	62.49 -10.19 0.00	54.19 -8.91 0.00	44.20 -7.24 0.00	39.40 -6.39 4.66	35.95 -5.74 5.61	33.56 -4.62 0.00
NM_ST_REGIS___HYD 24053	33.69 0.47 0.00	33.37 0.41 0.00	34.25 0.51 0.00	33.87 0.45 0.00	33.80 0.58 0.00	35.10 0.60 0.00	47.79 1.00 0.00	62.93 1.38 0.00	55.28 0.92 0.00	32.38 0.29 0.00	28.50 0.16 0.00	28.27 0.10 0.00	27.89 0.01 0.00	30.57 0.03 0.00	33.92 0.18 0.00	41.62 0.43 0.00	56.12 0.96 0.00	73.35 1.50 0.00	74.42 1.75 0.00	64.37 1.27 0.00	52.51 1.07 0.00	51.72 1.27 0.00	48.80 1.51 0.00	39.34 1.16 0.00
NORTHPORT___1 23551	35.30 2.07 0.00	34.89 1.94 0.00	35.53 1.79 0.00	35.24 1.82 0.00	34.90 1.68 0.00	36.69 2.18 0.00	49.57 2.79 0.00	65.72 4.17 0.00	58.46 4.11 0.00	34.44 2.35 0.00	30.47 2.13 0.00	30.08 1.91 0.00	29.83 1.95 0.00	32.76 2.22 0.00	36.21 2.47 0.00	44.27 3.07 0.00	60.61 3.51 -1.94	76.02 4.16 0.00	76.37 3.70 0.00	65.97 2.87 0.00	53.81 2.37 0.00	52.71 2.25 0.00	49.17 1.87 0.00	39.96 1.79 0.00
NORTHPORT___2 23552	35.30 2.07 0.00	34.89 1.94 0.00	35.53 1.79 0.00	35.24 1.82 0.00	34.90 1.68 0.00	36.69 2.18 0.00	49.57 2.79 0.00	65.72 4.17 0.00	58.46 4.11 0.00	34.44 2.35 0.00	30.47 2.13 0.00	30.08 1.91 0.00	29.83 1.95 0.00	32.76 2.22 0.00	36.21 2.47 0.00	44.27 3.07 0.00	60.61 3.51 -1.94	76.02 4.16 0.00	76.37 3.70 0.00	65.97 2.87 0.00	53.81 2.37 0.00	52.71 2.25 0.00	49.17 1.87 0.00	39.96 1.79 0.00
NORTHPORT___3 23553	34.89 1.66 0.00	34.62 1.61 -0.06	35.42 1.44 -0.23	35.69 1.49 -0.78	35.14 1.28 -0.64	36.14 1.64 0.00	48.86 2.07 0.00	64.75 3.20 0.00	57.71 3.35 0.00	34.06 1.96 0.00	30.30 1.96 0.00	29.92 1.75 0.00	29.67 1.79 0.00	32.58 2.05 0.00	35.98 2.24 0.00	43.86 2.66 0.00	59.76 2.63 -1.98	74.94 3.09 0.00	75.42 2.74 0.00	65.25 2.16 0.00	53.23 1.77 -0.02	52.20 1.67 -0.08	48.61 1.32 0.00	39.83 1.65 0.00
NORTHPORT___4 23650	34.89 1.66 0.00	34.62 1.61 -0.06	35.42 1.44 -0.23	35.69 1.49 -0.78	35.14 1.28 -0.64	36.14 1.64 0.00	48.86 2.07 0.00	64.75 3.20 0.00	57.71 3.35 0.00	34.06 1.96 0.00	30.30 1.96 0.00	29.92 1.75 0.00	29.67 1.79 0.00	32.58 2.05 0.00	35.98 2.24 0.00	43.86 2.66 0.00	59.76 2.63 -1.98	74.94 3.09 0.00	75.42 2.74 0.00	65.25 2.16 0.00	53.23 1.77 -0.02	52.20 1.67 -0.08	48.61 1.32 0.00	39.83 1.65 0.00
NORTHPORT___IC 23718	35.30 2.07 0.00	34.89 1.94 0.00	35.53 1.79 0.00	35.24 1.82 0.00	34.90 1.68 0.00	36.69 2.18 0.00	49.57 2.79 0.00	65.72 4.17 0.00	58.46 4.11 0.00	34.44 2.35 0.00	30.47 2.14 0.00	30.08 1.92 0.00	29.83 1.95 0.00	32.76 2.23 0.00	36.21 2.47 0.00	44.27 3.07 0.00	60.60 3.50 -1.94	76.02 4.16 0.00	76.37 3.69 0.00	65.97 2.87 0.00	53.82 2.37 0.00	52.70 2.25 0.00	49.17 1.87 0.00	39.96 1.79 0.00
NORTH___COUNTRY_ESR 323785	32.58 -0.65 0.00	32.29 -0.66 0.00	33.17 -0.57 0.00	32.83 -0.59 0.00	32.77 -0.45 0.00	34.04 -0.46 0.00	46.22 -0.56 0.00	60.92 -0.63 0.00	53.84 -0.52 0.00	31.71 -0.38 0.00	27.97 -0.36 0.00	27.72 -0.45 0.00	27.34 -0.53 0.00	29.88 -0.67 0.00	33.11 -0.63 0.00	40.51 -0.68 0.00	54.80 -0.36 0.00	71.91 0.05 0.00	73.02 0.34 0.00	63.14 0.04 0.00	51.54 0.10 0.00	50.62 0.17 0.00	47.70 0.41 0.00	38.53 0.35 0.00
NPX_GEN_1385_PROXY 323591	35.28 2.05 0.00	34.84 1.89 0.00	35.49 1.75 0.00	35.22 1.79 0.00	34.85 1.63 0.00	36.88 2.37 0.00	49.78 3.00 0.00	69.15 4.49 -3.11	58.36 4.00 0.00	34.23 2.14 0.00	30.25 1.92 0.00	26.61 1.67 3.23	20.34 1.72 9.26	32.57 2.03 0.00	36.16 2.42 0.00	44.35 3.16 0.00	60.78 3.68 -1.94	76.18 4.33 0.00	76.05 3.37 0.00	41.49 2.34 23.94	53.45 2.01 0.00	52.35 1.90 0.00	48.87 1.58 0.00	39.80 1.63 0.00
NPX_GEN_CSC 323557	23.34 1.30 11.19	14.22 1.15 19.88	17.56 0.97 17.15	19.66 1.01 14.77	21.98 0.87 12.11	35.87 1.36 0.00	48.48 1.70 0.00	65.89 2.80 -1.54	22.97 2.94 34.34	2.06 1.73 31.76	5.55 1.72 24.51	-1.59 1.52 31.28	8.36 1.58 21.10	11.35 1.79 20.97	16.34 1.97 19.36	30.73 2.40 12.86	39.31 2.60 18.44	42.06 2.80 32.59	52.75 2.37 22.30	64.80 1.70 0.00	52.38 1.40 0.47	50.22 1.28 1.52	48.33 1.03 0.00	39.23 1.09 0.03
NSINS_S_GLNS_FALLS 23858	34.83 1.61 0.00	34.45 1.50 0.00	35.20 1.45 0.00	34.84 1.42 0.00	34.66 1.44 0.00	36.14 1.64 0.00	48.63 1.85 0.00	64.00 2.46 0.00	56.12 1.76 0.00	32.89 0.79 0.00	28.87 0.54 0.00	28.68 0.52 0.00	28.79 0.91 0.00	31.51 0.98 0.00	34.96 1.22 0.00	42.69 1.50 0.00	57.20 2.05 0.00	74.64 2.78 0.00	75.35 2.68 0.00	65.80 2.70 0.00	53.51 2.07 0.00	52.24 1.79 0.00	49.23 1.93 0.00	39.71 1.54 0.00
NUCOR_STEEL___DRP 24197	32.76 -0.47 0.00	32.52 -0.44 0.00	33.17 -0.57 0.00	32.97 -0.45 0.00	32.84 -0.39 0.00	34.23 -0.28 0.00	46.54 -0.24 0.00	61.10 -0.45 0.00	53.58 -0.78 0.00	31.68 -0.41 0.00	27.88 -0.45 0.00	27.68 -0.49 0.00	27.33 -0.54 0.00	29.93 -0.61 0.00	34.06 -0.81 -1.12	42.14 -0.85 -1.80	54.34 -0.81 0.00	71.23 -0.62 0.00	72.17 -0.51 0.00	62.38 -0.71 0.00	50.92 -0.52 0.00	51.77 -0.48 -1.80	48.91 -0.55 -2.16	37.78 -0.39 0.00
NUMBER_THREE_WT_PWR 323818	32.42 -0.81 0.00	32.10 -0.85 0.00	32.94 -0.80 0.00	32.65 -0.77 0.00	32.55 -0.67 0.00	33.99 -0.51 0.00	46.45 -0.33 0.00	60.85 -0.69 0.00	52.86 -1.50 0.00	30.71 -1.38 0.00	27.04 -1.30 0.00	26.78 -1.38 0.00	26.60 -1.28 0.00	28.97 -1.57 0.00	32.33 -1.41 0.00	39.95 -1.25 0.00	54.29 -0.86 0.00	70.92 -0.93 0.00	72.01 -0.66 0.00	63.31 0.21 0.00	51.67 0.23 0.00	50.58 0.12 0.00	47.58 0.28 0.00	38.38 0.21 0.00
NYISO_LBMP_REFERENCE 24008	33.23 0.00 0.00	32.95 0.00 0.00	33.74 0.00 0.00	33.42 0.00 0.00	33.22 0.00 0.00	34.50 0.00 0.00	46.78 0.00 0.00	61.55 0.00 0.00	54.36 0.00 0.00	32.09 0.00 0.00	28.33 0.00 0.00	28.17 0.00 0.00	27.88 0.00 0.00	30.54 0.00 0.00	33.74 0.00 0.00	41.20 0.00 0.00	55.16 0.00 0.00	71.86 0.00 0.00	72.68 0.00 0.00	63.10 0.00 0.00	51.44 0.00 0.00	50.45 0.00 0.00	47.30 0.00 0.00	38.17 0.00 0.00
NYPA_BRENTWD____GT 24164	35.43 2.20 0.00	34.89 2.05 0.11	35.25 1.95 0.44	34.07 2.13 1.48	33.96 1.96 1.22	36.91 2.41 0.00	49.93 3.15 0.00	66.18 4.63 0.00	58.70 4.34 0.00	34.58 2.49 0.00	30.59 2.25 0.00	30.17 2.00 0.00	29.93 2.05 0.00	32.87 2.33 0.00	36.35 2.61 0.00	44.46 3.27 0.00	61.09 3.90 -2.03	76.56 4.70 0.00	77.04 4.36 0.00	66.67 3.57 0.00	54.29 2.90 0.05	53.02 2.72 0.15	49.56 2.26 0.00	40.25 2.08 0.00

NYPA_GOWANUS____GT5 24156	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.23 3.45 0.00	66.24 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.06 4.20 0.00	76.71 4.04 0.00	66.39 3.29 0.00	54.04 2.60 0.00	53.19 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NYPA_GOWANUS____GT6 24157	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.55 2.32 0.00	37.16 2.66 0.00	50.23 3.45 0.00	66.24 4.70 0.00	59.04 4.68 0.00	35.03 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.59 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.06 4.20 0.00	76.71 4.04 0.00	66.39 3.29 0.00	54.04 2.60 0.00	53.19 2.74 0.00	49.74 2.44 0.00	40.31 2.14 0.00
NYPA_HARLEM__RVR__GT1 24160	35.69 2.47 0.00	35.29 2.33 0.00	35.96 2.22 0.00	35.68 2.26 0.00	35.43 2.21 0.00	37.05 2.55 0.00	50.13 3.35 0.00	66.21 4.67 0.00	59.02 4.66 0.00	34.93 2.84 0.00	30.67 2.33 0.00	30.35 2.18 0.00	30.08 2.20 0.00	33.01 2.47 0.00	36.31 2.57 0.00	44.27 3.08 0.00	58.52 3.36 0.00	75.92 4.06 0.00	76.56 3.88 0.00	66.25 3.15 0.00	53.92 2.48 0.00	53.05 2.60 0.00	49.58 2.29 0.00	40.16 1.99 0.00
NYPA_HARLEM__RVR__GT2 24161	35.69 2.47 0.00	35.29 2.33 0.00	35.96 2.22 0.00	35.68 2.26 0.00	35.43 2.21 0.00	37.05 2.55 0.00	50.13 3.35 0.00	66.21 4.67 0.00	59.02 4.66 0.00	34.93 2.84 0.00	30.67 2.33 0.00	30.35 2.18 0.00	30.08 2.20 0.00	33.01 2.47 0.00	36.31 2.57 0.00	44.27 3.08 0.00	58.52 3.36 0.00	75.92 4.06 0.00	76.56 3.88 0.00	66.25 3.15 0.00	53.92 2.48 0.00	53.05 2.60 0.00	49.58 2.29 0.00	40.16 1.99 0.00
NYPA_KENT____GT 24152	35.77 2.55 0.00	35.37 2.42 0.00	36.05 2.31 0.00	35.77 2.35 0.00	35.50 2.28 0.00	37.12 2.62 0.00	50.17 3.39 0.00	66.15 4.61 0.00	58.95 4.59 0.00	35.01 2.92 0.00	30.77 2.44 0.00	30.44 2.28 0.00	30.15 2.28 0.00	33.11 2.58 0.00	36.43 2.69 0.00	44.41 3.21 0.00	58.68 3.52 0.00	76.04 4.18 0.00	76.67 3.99 0.00	66.31 3.21 0.00	53.98 2.54 0.00	53.10 2.64 0.00	49.65 2.35 0.00	40.25 2.08 0.00
NYPA_POUCH1____GT 24155	35.88 2.65 0.00	35.48 2.52 0.00	36.17 2.43 0.00	35.92 2.50 0.00	35.65 2.43 0.00	37.24 2.74 0.00	50.24 3.46 0.00	66.19 4.65 0.00	58.98 4.62 0.00	35.00 2.91 0.00	30.74 2.41 0.00	30.40 2.24 0.00	30.12 2.25 0.00	33.07 2.54 0.00	36.42 2.68 0.00	44.39 3.19 0.00	58.57 3.42 0.00	75.90 4.04 0.00	76.61 3.94 0.00	66.32 3.22 0.00	54.01 2.57 0.00	53.16 2.71 0.00	49.73 2.44 0.00	40.35 2.18 0.00
NYPA_VERNON____GT2 24162	35.74 2.51 0.00	35.33 2.38 0.00	36.00 2.26 0.00	35.72 2.30 0.00	35.46 2.24 0.00	37.07 2.57 0.00	50.10 3.32 0.00	66.07 4.53 0.00	58.88 4.52 0.00	34.99 2.90 0.00	30.76 2.43 0.00	30.43 2.27 0.00	30.15 2.27 0.00	33.10 2.57 0.00	36.41 2.67 0.00	44.37 3.17 0.00	58.65 3.49 0.00	76.02 4.16 0.00	76.60 3.92 0.00	66.21 3.11 0.00	53.89 2.45 0.00	53.00 2.55 0.00	49.56 2.26 0.00	40.20 2.02 0.00
NYPA_VERNON____GT3 24163	35.74 2.51 0.00	35.33 2.38 0.00	36.00 2.26 0.00	35.72 2.30 0.00	35.46 2.24 0.00	37.07 2.57 0.00	50.10 3.32 0.00	66.07 4.53 0.00	58.88 4.52 0.00	34.99 2.90 0.00	30.76 2.43 0.00	30.43 2.27 0.00	30.15 2.27 0.00	33.10 2.57 0.00	36.41 2.67 0.00	44.37 3.17 0.00	58.65 3.49 0.00	76.02 4.16 0.00	76.60 3.92 0.00	66.21 3.11 0.00	53.89 2.45 0.00	53.00 2.55 0.00	49.56 2.26 0.00	40.20 2.02 0.00
NYPA__ASTORIA_CC1 323568	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.44 2.22 0.00	37.05 2.55 0.00	50.05 3.27 0.00	66.01 4.47 0.00	58.84 4.48 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.38 2.64 0.00	44.32 3.13 0.00	58.60 3.44 0.00	75.93 4.07 0.00	76.52 3.84 0.00	66.17 3.07 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
NYPA__ASTORIA_CC2 323569	35.72 2.49 0.00	35.32 2.37 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.44 2.22 0.00	37.05 2.55 0.00	50.05 3.27 0.00	66.01 4.47 0.00	58.84 4.48 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.38 2.64 0.00	44.32 3.13 0.00	58.60 3.44 0.00	75.93 4.07 0.00	76.52 3.84 0.00	66.17 3.07 0.00	53.85 2.41 0.00	52.96 2.51 0.00	49.52 2.22 0.00	40.16 1.99 0.00
NYPA__HOLTSVILL 23794	33.67 1.82 1.37	31.22 1.68 3.41	29.29 1.52 5.97	20.20 1.56 14.77	22.51 1.41 12.12	36.39 1.89 0.00	49.18 2.40 0.00	65.03 3.67 0.19	53.89 3.74 4.21	30.37 2.17 3.89	27.34 2.01 3.00	26.12 1.79 3.83	27.12 1.83 2.59	30.04 2.08 2.57	33.62 2.25 2.37	42.40 2.78 1.58	57.71 3.09 0.54	71.45 3.59 3.99	73.13 3.18 2.73	65.50 2.40 0.00	52.95 1.98 0.47	50.79 1.85 1.52	48.83 1.53 0.00	39.66 1.52 0.03
NYPA__HELLGATE_GT1 24158	35.70 2.47 0.00	35.29 2.33 0.00	35.96 2.22 0.00	35.68 2.26 0.00	35.43 2.21 0.00	37.05 2.55 0.00	50.13 3.35 0.00	66.21 4.67 0.00	59.02 4.66 0.00	34.93 2.84 0.00	30.67 2.33 0.00	30.35 2.18 0.00	30.08 2.20 0.00	33.01 2.47 0.00	36.31 2.57 0.00	44.27 3.08 0.00	58.53 3.38 0.00	75.92 4.06 0.00	76.56 3.88 0.00	66.25 3.15 0.00	53.92 2.48 0.00	53.05 2.60 0.00	49.58 2.29 0.00	40.16 1.99 0.00
NYPA__HELLGATE_GT2 24159	35.70 2.47 0.00	35.29 2.33 0.00	35.96 2.22 0.00	35.68 2.26 0.00	35.43 2.21 0.00	37.05 2.55 0.00	50.13 3.35 0.00	66.21 4.67 0.00	59.02 4.66 0.00	34.93 2.84 0.00	30.67 2.33 0.00	30.35 2.18 0.00	30.08 2.20 0.00	33.01 2.47 0.00	36.31 2.57 0.00	44.27 3.08 0.00	58.53 3.38 0.00	75.92 4.06 0.00	76.56 3.88 0.00	66.25 3.15 0.00	53.92 2.48 0.00	53.05 2.60 0.00	49.58 2.29 0.00	40.16 1.99 0.00
NYS_BARGE__HYD 23848	29.14 -4.09 0.00	28.87 -4.08 0.00	29.62 -4.12 0.00	29.34 -4.08 0.00	29.47 -3.75 0.00	30.75 -3.76 0.00	41.72 -5.06 0.00	54.74 -6.81 0.00	48.80 -5.56 0.00	29.48 -2.62 0.00	25.68 -2.65 0.00	25.52 -2.64 0.00	24.72 -3.16 0.00	26.82 -3.72 0.00	26.64 -4.39 2.71	32.05 -4.84 4.30	49.23 -5.92 0.00	63.87 -7.98 0.00	65.32 -7.36 0.00	56.62 -6.48 0.00	46.16 -5.27 0.00	41.30 -4.77 4.39	37.89 -4.13 5.28	35.12 -3.05 0.00
OAK ORCHARD__HYD 24046	31.03 -2.20 0.00	30.75 -2.20 0.00	31.51 -2.23 0.00	31.23 -2.19 0.00	31.21 -2.01 0.00	32.56 -1.95 0.00	44.26 -2.53 0.00	58.15 -3.39 0.00	51.54 -2.82 0.00	30.79 -1.30 0.00	26.98 -1.36 0.00	26.78 -1.38 0.00	26.21 -1.67 0.00	28.54 -1.99 0.00	29.70 -2.38 1.66	36.09 -2.46 2.65	52.33 -2.82 0.00	68.13 -3.72 0.00	69.32 -3.36 0.00	60.07 -3.03 0.00	48.89 -2.55 0.00	45.40 -2.39 2.66	41.92 -2.17 3.21	36.51 -1.66 0.00

OAKDALE___35_KV_LOAD 356122	32.96 -0.27 0.00	32.73 -0.23 0.00	33.50 -0.24 0.00	33.21 -0.21 0.00	33.05 -0.17 0.00	34.42 -0.08 0.00	46.73 -0.05 0.00	61.52 -0.03 0.00	54.30 -0.06 0.00	32.24 0.15 0.00	28.25 -0.09 0.00	28.01 -0.15 0.00	27.62 -0.26 0.00	30.23 -0.31 0.00	32.52 -0.52 0.70	39.57 -0.49 1.13	54.63 -0.52 0.00	71.16 -0.70 0.00	72.08 -0.59 0.00	62.57 -0.53 0.00	50.88 -0.56 0.00	48.83 -0.53 1.10	45.46 -0.52 1.33	37.83 -0.34 0.00
OCC_CHEM___DRP 24175	28.03 -5.20 0.00	27.76 -5.19 0.00	28.49 -5.26 0.00	28.20 -5.22 0.00	28.33 -4.89 0.00	29.52 -4.99 0.00	40.01 -6.78 0.00	52.44 -9.11 0.00	46.85 -7.51 0.00	28.40 -3.69 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.67 0.00	25.70 -5.18 2.86	30.96 -5.69 4.55	47.38 -7.77 0.00	61.42 -10.44 0.00	62.80 -9.88 0.00	54.45 -8.64 0.00	44.41 -7.03 0.00	39.57 -6.22 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
OH_GEN_PROXY 24063	29.17 -4.06 0.00	28.92 -4.04 0.00	29.68 -4.06 0.00	29.40 -4.02 0.00	29.49 -3.73 0.00	30.74 -3.76 0.00	41.67 -5.11 0.00	57.79 -6.87 -3.11	48.81 -5.55 0.00	29.55 -2.54 0.00	25.80 -2.53 0.00	25.61 -2.55 0.00	24.84 -3.04 0.00	26.95 -3.59 0.00	26.76 -4.28 2.70	32.11 -4.80 4.28	49.22 -5.94 0.00	63.84 -8.01 0.00	65.25 -7.42 0.00	56.55 -6.55 0.00	46.07 -5.36 0.00	41.18 -4.91 4.37	37.72 -4.33 5.25	34.92 -3.26 0.00
OLIN_CORP_DRP 24177	28.74 -4.49 0.00	28.48 -4.48 0.00	29.22 -4.52 0.00	28.94 -4.48 0.00	29.08 -4.14 0.00	30.29 -4.21 0.00	41.05 -5.73 0.00	53.83 -7.72 0.00	48.07 -6.29 0.00	29.14 -2.95 0.00	25.42 -2.91 0.00	25.27 -2.90 0.00	24.47 -3.41 0.00	26.53 -4.00 0.00	26.16 -4.72 2.86	31.40 -5.25 4.54	48.53 -6.63 0.00	62.81 -9.05 0.00	64.24 -8.44 0.00	55.69 -7.40 0.00	45.43 -6.00 0.00	40.32 -5.47 4.66	36.98 -4.71 5.60	34.68 -3.49 0.00
OLIN_CORP_DSASP 323712	28.03 -5.20 0.00	27.76 -5.19 0.00	28.49 -5.26 0.00	28.20 -5.22 0.00	28.33 -4.89 0.00	29.52 -4.99 0.00	40.01 -6.78 0.00	52.44 -9.11 0.00	46.85 -7.51 0.00	28.40 -3.69 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.67 0.00	25.70 -5.18 2.86	30.96 -5.69 4.55	47.38 -7.77 0.00	61.42 -10.44 0.00	62.80 -9.88 0.00	54.45 -8.64 0.00	44.41 -7.03 0.00	39.57 -6.22 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
ONEIDA_HERK_LFGE 323681	33.30 0.07 0.00	33.01 0.06 0.00	33.83 0.08 0.00	33.52 0.10 0.00	33.36 0.14 0.00	34.81 0.30 0.00	47.40 0.61 0.00	62.18 0.64 0.00	54.38 0.03 0.00	31.82 -0.27 0.00	28.06 -0.28 0.00	27.87 -0.29 0.00	27.66 -0.22 0.00	30.18 -0.36 0.00	33.45 -0.29 0.00	41.13 -0.06 0.00	55.56 0.40 0.00	72.53 0.67 0.00	73.46 0.78 0.00	64.12 1.02 0.00	52.25 0.81 0.00	51.18 0.72 0.00	47.99 0.69 0.00	38.70 0.52 0.00
ONEIDA___115KV_TB4 55905	33.65 0.42 0.00	33.44 0.48 0.00	34.25 0.50 0.00	33.96 0.54 0.00	33.78 0.56 0.00	35.30 0.79 0.00	48.00 1.22 0.00	62.99 1.44 0.00	55.18 0.82 0.00	32.38 0.29 0.00	28.50 0.17 0.00	28.38 0.21 0.00	28.10 0.22 0.00	30.66 0.12 0.00	33.81 0.07 0.00	41.54 0.34 0.00	56.10 0.94 0.00	73.28 1.43 0.00	74.14 1.46 0.00	64.45 1.35 0.00	52.45 1.01 0.00	51.36 0.91 0.00	48.11 0.81 0.00	38.78 0.61 0.00
ONONDAGA_REF_OCCRA 23987	32.67 -0.56 0.00	32.41 -0.54 0.00	33.19 -0.55 0.00	32.89 -0.54 0.00	32.71 -0.51 0.00	34.07 -0.43 0.00	46.26 -0.52 0.00	60.82 -0.72 0.00	53.60 -0.76 0.00	31.65 -0.44 0.00	27.86 -0.47 0.00	27.69 -0.48 0.00	27.35 -0.53 0.00	29.94 -0.60 0.00	33.76 -0.75 -0.76	41.70 -0.71 -1.21	54.39 -0.77 0.00	70.91 -0.95 0.00	71.78 -0.90 0.00	62.34 -0.76 0.00	50.73 -0.71 0.00	50.96 -0.71 -1.22	48.04 -0.72 -1.46	37.58 -0.59 0.00
ONONDAGA___COGEN 23986	32.58 -0.64 0.00	32.34 -0.62 0.00	33.09 -0.65 0.00	32.81 -0.61 0.00	32.64 -0.58 0.00	33.99 -0.51 0.00	46.15 -0.63 0.00	60.66 -0.89 0.00	53.41 -0.95 0.00	31.56 -0.53 0.00	27.80 -0.53 0.00	27.63 -0.54 0.00	27.30 -0.57 0.00	29.89 -0.65 0.00	32.94 -0.80 0.00	40.38 -0.81 0.00	54.24 -0.91 0.00	70.74 -1.12 0.00	71.59 -1.09 0.00	62.15 -0.95 0.00	50.60 -0.84 0.00	49.63 -0.82 0.00	46.46 -0.84 0.00	37.50 -0.68 0.00
ONTARIO___LFGE 23819	31.92 -1.31 0.00	31.65 -1.31 0.00	32.40 -1.34 0.00	32.13 -1.29 0.00	32.03 -1.19 0.00	33.41 -1.09 0.00	45.49 -1.29 0.00	59.79 -1.76 0.00	52.67 -1.69 0.00	31.21 -0.89 0.00	27.41 -0.93 0.00	27.21 -0.96 0.00	26.80 -1.08 0.00	29.26 -1.28 0.00	31.65 -1.54 0.55	38.83 -1.48 0.88	53.67 -1.49 0.00	70.00 -1.86 0.00	71.04 -1.64 0.00	61.55 -1.55 0.00	50.08 -1.36 0.00	48.24 -1.32 0.89	44.93 -1.29 1.07	37.17 -1.01 0.00
ORANGEVILLE_WT_PWR 323706	29.23 -4.00 0.00	29.03 -3.93 0.00	29.79 -3.95 0.00	29.52 -3.90 0.00	29.73 -3.49 0.00	31.12 -3.38 0.00	42.37 -4.41 0.00	55.78 -5.77 0.00	49.42 -4.93 0.00	29.52 -2.58 0.00	25.36 -2.98 0.00	25.06 -3.11 0.00	24.28 -3.59 0.00	26.54 -3.99 0.00	23.92 -4.87 4.96	28.02 -5.37 7.80	48.84 -6.32 0.00	63.79 -8.06 0.00	65.38 -7.30 0.00	56.99 -6.11 0.00	46.36 -5.08 0.00	38.35 -4.48 7.62	34.29 -3.83 9.18	35.43 -2.74 0.00
ORANGEVILLE___ESR 323794	29.23 -4.00 0.00	29.03 -3.93 0.00	29.79 -3.95 0.00	29.52 -3.90 0.00	29.73 -3.49 0.00	31.12 -3.38 0.00	42.37 -4.41 0.00	55.78 -5.77 0.00	49.42 -4.93 0.00	29.52 -2.58 0.00	25.36 -2.98 0.00	25.06 -3.11 0.00	24.28 -3.59 0.00	26.54 -3.99 0.00	23.92 -4.87 4.96	28.02 -5.37 7.80	48.84 -6.32 0.00	63.79 -8.06 0.00	65.38 -7.30 0.00	56.99 -6.11 0.00	46.36 -5.08 0.00	38.35 -4.48 7.62	34.29 -3.83 9.18	35.43 -2.74 0.00
OSWEGATCHIE___HYD 24044	33.09 -0.13 0.00	32.78 -0.18 0.00	33.61 -0.14 0.00	33.19 -0.23 0.00	33.09 -0.13 0.00	34.46 -0.04 0.00	47.02 0.25 0.00	61.74 0.19 0.00	53.86 -0.50 0.00	31.43 -0.66 0.00	27.68 -0.66 0.00	27.43 -0.74 0.00	27.10 -0.78 0.00	29.62 -0.92 0.00	32.98 -0.76 0.00	40.65 -0.55 0.00	55.01 -0.15 0.00	71.87 0.01 0.00	72.94 0.27 0.00	63.56 0.47 0.00	51.86 0.42 0.00	50.96 0.51 0.00	48.03 0.74 0.00	38.72 0.55 0.00
OSWEGO___5 23606	32.06 -1.16 0.00	31.82 -1.13 0.00	32.58 -1.16 0.00	32.28 -1.14 0.00	32.11 -1.11 0.00	33.38 -1.12 0.00	45.29 -1.49 0.00	59.55 -1.99 0.00	52.54 -1.82 0.00	31.08 -1.02 0.00	27.40 -0.94 0.00	27.21 -0.95 0.00	26.91 -0.97 0.00	29.43 -1.11 0.00	32.45 -1.29 0.00	39.73 -1.46 0.00	53.29 -1.87 0.00	69.41 -2.44 0.00	70.26 -2.42 0.00	61.02 -2.08 0.00	49.71 -1.73 0.00	48.79 -1.67 0.00	45.71 -1.59 0.00	36.90 -1.27 0.00
OSWEGO___6 23613	32.06 -1.16 0.00	31.82 -1.13 0.00	32.58 -1.16 0.00	32.28 -1.14 0.00	32.11 -1.11 0.00	33.38 -1.12 0.00	45.29 -1.49 0.00	59.55 -1.99 0.00	52.54 -1.82 0.00	31.08 -1.02 0.00	27.40 -0.94 0.00	27.21 -0.95 0.00	26.91 -0.97 0.00	29.43 -1.11 0.00	32.45 -1.29 0.00	39.73 -1.46 0.00	53.29 -1.87 0.00	69.41 -2.44 0.00	70.26 -2.42 0.00	61.02 -2.08 0.00	49.71 -1.73 0.00	48.79 -1.67 0.00	45.71 -1.59 0.00	36.90 -1.27 0.00

OUTOKUMPU-AB___DRP 24206	29.07 -4.16 0.00	28.81 -4.15 0.00	29.55 -4.19 0.00	29.25 -4.17 0.00	29.40 -3.82 0.00	30.67 -3.83 0.00	41.66 -5.12 0.00	54.67 -6.88 0.00	48.76 -5.60 0.00	29.48 -2.61 0.00	25.65 -2.69 0.00	25.48 -2.68 0.00	24.68 -3.19 0.00	26.82 -3.72 0.00	26.49 -4.30 2.95	31.85 -4.66 4.69	49.18 -5.98 0.00	63.83 -8.03 0.00	65.31 -7.36 0.00	56.58 -6.52 0.00	46.10 -5.33 0.00	40.89 -4.75 4.81	37.35 -4.15 5.79	34.98 -3.19 0.00
OXBOW___BTM 323836	28.51 -4.72 0.00	28.24 -4.71 0.00	28.97 -4.77 0.00	28.68 -4.74 0.00	28.81 -4.41 0.00	30.05 -4.45 0.00	40.79 -5.99 0.00	53.49 -8.06 0.00	47.74 -6.62 0.00	28.89 -3.20 0.00	25.18 -3.16 0.00	25.02 -3.14 0.00	24.23 -3.65 0.00	26.32 -4.22 0.00	26.05 -4.79 2.91	31.30 -5.28 4.62	48.22 -6.94 0.00	62.54 -9.31 0.00	63.98 -8.70 0.00	55.46 -7.64 0.00	45.21 -6.22 0.00	40.13 -5.59 4.74	36.68 -4.92 5.70	34.30 -3.87 0.00
OXBOW___ 24026	28.51 -4.72 0.00	28.24 -4.71 0.00	28.98 -4.77 0.00	28.67 -4.75 0.00	28.83 -4.39 0.00	30.05 -4.45 0.00	40.78 -6.00 0.00	53.49 -8.06 0.00	47.76 -6.61 0.00	28.90 -3.19 0.00	25.18 -3.16 0.00	25.02 -3.15 0.00	24.23 -3.65 0.00	26.32 -4.21 0.00	26.07 -4.77 2.91	31.37 -5.21 4.62	48.24 -6.92 0.00	62.56 -9.29 0.00	64.00 -8.68 0.00	55.46 -7.63 0.00	45.21 -6.22 0.00	40.19 -5.52 4.74	36.68 -4.91 5.70	34.30 -3.87 0.00
OXY_CHEM_DSASP 323612	28.03 -5.20 0.00	27.76 -5.19 0.00	28.49 -5.26 0.00	28.20 -5.22 0.00	28.33 -4.89 0.00	29.52 -4.99 0.00	40.01 -6.78 0.00	52.44 -9.11 0.00	46.85 -7.51 0.00	28.40 -3.69 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.67 0.00	25.70 -5.18 2.86	30.96 -5.69 4.55	47.38 -7.77 0.00	61.42 -10.44 0.00	62.80 -9.88 0.00	54.45 -8.64 0.00	44.41 -7.03 0.00	39.57 -6.22 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
OZONE_PARK_ESR 323760	35.92 2.70 0.00	35.51 2.56 0.00	36.18 2.44 0.00	35.89 2.47 0.00	35.61 2.39 0.00	37.27 2.76 0.00	50.49 3.72 0.00	66.66 5.12 0.00	59.34 4.98 0.00	35.20 3.11 0.00	30.95 2.61 0.00	30.61 2.45 0.00	30.32 2.44 0.00	33.29 2.75 0.00	36.64 2.90 0.00	44.68 3.48 0.00	59.15 3.99 0.00	76.73 4.87 0.00	77.34 4.66 0.00	66.90 3.80 0.00	54.44 3.00 0.00	53.46 3.01 0.00	49.93 2.63 0.00	40.44 2.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.03 -5.20 0.00	27.76 -5.19 0.00	28.49 -5.26 0.00	28.20 -5.22 0.00	28.33 -4.89 0.00	29.52 -4.99 0.00	40.01 -6.78 0.00	52.44 -9.11 0.00	46.85 -7.51 0.00	28.40 -3.69 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.67 0.00	25.70 -5.18 2.86	30.96 -5.69 4.55	47.38 -7.77 0.00	61.42 -10.44 0.00	62.80 -9.88 0.00	54.45 -8.64 0.00	44.41 -7.03 0.00	39.57 -6.22 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
PACKARD___115KV_DUPONT_184 80571	28.03 -5.20 0.00	27.76 -5.20 0.00	28.48 -5.26 0.00	28.20 -5.22 0.00	28.31 -4.91 0.00	29.52 -4.98 0.00	40.01 -6.77 0.00	52.42 -9.13 0.00	46.86 -7.50 0.00	28.39 -3.70 0.00	24.78 -3.56 0.00	24.63 -3.54 0.00	23.84 -4.04 0.00	25.86 -4.68 0.00	25.68 -5.20 2.86	30.88 -5.77 4.55	47.37 -7.79 0.00	61.39 -10.46 0.00	62.77 -9.91 0.00	54.46 -8.64 0.00	44.41 -7.03 0.00	39.49 -6.31 4.66	36.12 -5.57 5.61	33.72 -4.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.77 2.55 0.00	35.37 2.42 0.00	36.05 2.31 0.00	35.76 2.34 0.00	35.48 2.26 0.00	37.10 2.60 0.00	50.10 3.32 0.00	66.15 4.60 0.00	58.94 4.58 0.00	34.90 2.80 0.00	30.64 2.30 0.00	30.32 2.15 0.00	30.04 2.16 0.00	32.98 2.44 0.00	36.29 2.55 0.00	44.24 3.05 0.00	58.50 3.35 0.00	75.94 4.08 0.00	76.57 3.89 0.00	66.24 3.15 0.00	53.93 2.49 0.00	53.04 2.59 0.00	49.56 2.27 0.00	40.17 2.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.43 3.21 0.00	36.03 3.08 0.00	36.75 3.01 0.00	36.50 3.08 0.00	36.20 2.97 0.00	37.93 3.42 0.00	51.25 4.47 0.00	67.61 6.06 0.00	60.17 5.81 0.00	35.58 3.49 0.00	31.21 2.88 0.00	30.89 2.72 0.00	30.60 2.72 0.00	33.53 3.00 0.00	36.85 3.12 0.00	44.96 3.77 0.00	59.40 4.25 0.00	77.19 5.33 0.00	77.94 5.26 0.00	67.38 4.28 0.00	54.79 3.36 0.00	53.91 3.46 0.00	50.38 3.08 0.00	40.82 2.65 0.00
PATROON___115KV_TB1 80586	34.56 1.33 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.61 1.19 0.00	34.18 0.96 0.00	35.55 1.04 0.00	47.92 1.13 0.00	62.91 1.36 0.00	54.83 0.47 0.00	32.48 0.39 0.00	28.73 0.39 0.00	28.53 0.36 0.00	28.39 0.51 0.00	31.17 0.63 0.00	34.84 1.10 0.00	42.35 1.15 0.00	56.29 1.13 0.00	73.13 1.27 0.00	73.73 1.06 0.00	64.37 1.27 0.00	52.51 1.08 0.00	51.38 0.93 0.00	48.14 0.84 0.00	38.75 0.58 0.00
PATTRSNVILLE___SOLAR 323815	34.13 0.90 0.00	33.84 0.89 0.00	34.62 0.88 0.00	34.28 0.86 0.00	34.10 0.87 0.00	35.48 0.97 0.00	48.05 1.27 0.00	63.03 1.48 0.00	55.14 0.78 0.00	32.37 0.27 0.00	28.59 0.25 0.00	28.49 0.32 0.00	28.19 0.31 0.00	30.90 0.36 0.00	34.18 0.44 0.00	41.81 0.61 0.00	56.42 1.27 0.00	73.64 1.78 0.00	74.41 1.73 0.00	64.73 1.63 0.00	52.74 1.31 0.00	51.65 1.19 0.00	48.37 1.07 0.00	39.03 0.85 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.84 -3.39 0.00	29.60 -3.35 0.00	30.34 -3.40 0.00	30.07 -3.35 0.00	30.22 -3.00 0.00	31.53 -2.97 0.00	42.93 -3.85 0.00	56.49 -5.06 0.00	50.27 -4.09 0.00	30.34 -1.76 0.00	26.37 -1.96 0.00	26.16 -2.01 0.00	25.36 -2.52 0.00	27.59 -2.94 0.00	26.78 -3.59 3.37	31.91 -3.94 5.35	50.38 -4.78 0.00	65.35 -6.50 0.00	66.90 -5.78 0.00	57.92 -5.18 0.00	47.08 -4.35 0.00	40.97 -3.90 5.58	37.14 -3.44 6.72	35.61 -2.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.56 2.33 0.00	35.19 2.24 0.00	35.88 2.14 0.00	35.59 2.17 0.00	35.33 2.11 0.00	36.94 2.44 0.00	50.10 3.32 0.00	66.06 4.51 0.00	58.65 4.29 0.00	34.70 2.61 0.00	30.49 2.15 0.00	30.17 2.01 0.00	29.87 1.99 0.00	32.81 2.27 0.00	36.16 2.42 0.00	44.15 2.95 0.00	58.62 3.46 0.00	76.18 4.32 0.00	76.86 4.18 0.00	66.57 3.47 0.00	54.18 2.74 0.00	53.16 2.70 0.00	49.64 2.34 0.00	40.17 1.99 0.00
PEEKSKILL___ 23653	35.33 2.10 0.00	34.95 2.00 0.00	35.63 1.89 0.00	35.35 1.94 0.00	35.08 1.86 0.00	36.68 2.18 0.00	49.72 2.94 0.00	65.57 4.02 0.00	58.22 3.86 0.00	34.45 2.36 0.00	30.28 1.94 0.00	29.94 1.77 0.00	29.65 1.78 0.00	32.57 2.04 0.00	35.90 2.16 0.00	43.77 2.57 0.00	58.03 2.87 0.00	75.38 3.52 0.00	76.05 3.37 0.00	65.81 2.71 0.00	53.59 2.15 0.00	52.61 2.15 0.00	49.12 1.82 0.00	39.78 1.61 0.00
PGE MADISON___WINDPWR 24146	33.47 0.25 0.00	33.28 0.32 0.00	34.05 0.31 0.00	33.78 0.36 0.00	33.71 0.49 0.00	35.26 0.76 0.00	48.29 1.51 0.00	63.51 1.96 0.00	55.36 1.00 0.00	32.38 0.29 0.00	28.28 -0.05 0.00	27.78 -0.39 0.00	27.35 -0.53 0.00	29.87 -0.67 0.00	36.47 -0.81 -3.54	46.05 -0.78 -5.64	55.27 0.11 0.00	73.81 1.96 0.00	75.01 2.33 0.00	65.36 2.26 0.00	52.59 1.15 0.00	57.34 1.22 -5.67	55.57 1.46 -6.82	39.27 1.10 0.00

PIERCEFIELD___HYD 23852	33.86 0.64 0.00	33.54 0.59 0.00	34.40 0.66 0.00	34.02 0.60 0.00	33.94 0.72 0.00	35.24 0.74 0.00	47.97 1.19 0.00	63.10 1.55 0.00	55.38 1.02 0.00	32.41 0.32 0.00	28.54 0.20 0.00	28.31 0.14 0.00	27.96 0.08 0.00	30.65 0.11 0.00	34.01 0.27 0.00	41.73 0.54 0.00	56.16 1.00 0.00	73.35 1.49 0.00	74.37 1.70 0.00	64.35 1.25 0.00	52.51 1.07 0.00	51.75 1.30 0.00	48.86 1.57 0.00	39.38 1.20 0.00
PINELAWN_CC_1 323563	35.40 2.17 0.00	34.94 2.04 0.05	35.43 1.89 0.20	34.71 1.96 0.67	34.49 1.82 0.55	36.76 2.26 0.00	49.69 2.92 0.00	65.85 4.31 0.00	58.60 4.24 0.00	34.51 2.41 0.00	30.51 2.18 0.00	30.12 1.95 0.00	29.86 1.98 0.00	32.79 2.25 0.00	36.24 2.50 0.00	44.34 3.15 0.00	61.04 3.66 -2.23	76.28 4.42 0.00	76.78 4.10 0.00	66.42 3.32 0.00	54.13 2.71 0.02	52.94 2.56 0.07	49.43 2.13 0.00	40.16 1.99 0.00
PJM_GEN_HTP_PROXY 323702	35.63 2.40 0.00	35.23 2.28 0.00	35.90 2.16 0.00	35.61 2.19 0.00	35.34 2.12 0.00	36.96 2.45 0.00	50.06 3.28 0.00	78.16 4.53 -12.08	37.04 4.44 21.76	34.87 2.78 0.00	30.67 2.34 0.00	30.34 2.17 0.00	30.05 2.17 0.00	32.99 2.46 0.00	36.31 2.57 0.00	44.25 3.05 0.00	58.56 3.40 0.00	75.96 4.10 0.00	76.53 3.85 0.00	66.20 3.10 0.00	53.88 2.44 0.00	52.05 2.47 0.87	49.43 2.13 0.00	40.06 1.89 0.00
PJM_GEN_KEystone 24065	32.73 -0.50 0.00	32.44 -0.52 0.00	33.14 -0.60 0.00	32.89 -0.53 0.00	32.79 -0.43 0.00	34.24 -0.26 0.00	46.54 -0.24 0.00	73.33 -0.30 -12.08	32.58 -0.02 21.76	32.48 0.39 0.00	28.37 0.03 0.00	28.10 -0.07 0.00	27.57 -0.31 0.00	30.18 -0.36 0.00	30.96 -0.70 2.09	37.07 -0.80 3.33	42.71 -1.14 11.30	70.24 -1.62 0.00	71.28 -1.40 0.00	61.65 -1.44 0.00	50.07 -1.36 0.00	44.97 -1.21 4.27	42.00 -1.21 4.09	38.42 -0.71 -0.96
PJM_GEN_NEPTUNE_PROXY 323594	35.26 2.04 0.00	34.87 1.91 0.00	35.51 1.77 0.00	35.24 1.82 0.00	34.91 1.69 0.00	36.59 2.08 0.00	49.43 2.65 0.00	77.55 3.92 -12.08	36.60 4.00 21.76	34.40 2.31 0.00	30.43 2.09 0.00	30.05 1.89 0.00	29.79 1.91 0.00	32.71 2.17 0.00	36.11 2.37 0.00	44.08 2.89 0.00	60.18 3.19 -1.84	75.63 3.77 0.00	76.13 3.46 0.00	65.90 2.80 0.00	53.75 2.32 0.00	51.81 2.23 0.87	49.15 1.85 0.00	39.94 1.76 0.00
PJM_GEN_VFT_PROXY 323633	35.56 2.33 0.00	35.16 2.20 0.00	35.82 2.08 0.00	35.53 2.11 0.00	35.27 2.05 0.00	36.88 2.38 0.00	49.97 3.19 0.00	78.00 4.37 -12.08	36.89 4.30 21.76	34.80 2.71 0.00	30.59 2.26 0.00	30.27 2.10 0.00	29.98 2.11 0.00	32.93 2.39 0.00	36.25 2.51 0.00	44.17 2.97 0.00	58.44 3.29 0.00	75.81 3.96 0.00	76.38 3.70 0.00	66.07 2.97 0.00	53.76 2.33 0.00	51.94 2.36 0.87	49.32 2.02 0.00	39.99 1.82 0.00
PLATSBURG_115KV_PMLD1 355749	32.66 -0.57 0.00	32.37 -0.58 0.00	33.25 -0.49 0.00	32.90 -0.52 0.00	32.84 -0.38 0.00	34.14 -0.36 0.00	46.38 -0.40 0.00	61.11 -0.44 0.00	53.99 -0.37 0.00	31.80 -0.29 0.00	28.04 -0.30 0.00	27.78 -0.39 0.00	27.42 -0.46 0.00	29.95 -0.59 0.00	33.20 -0.54 0.00	40.64 -0.56 0.00	55.03 -0.12 0.00	72.25 0.39 0.00	73.37 0.69 0.00	63.46 0.36 0.00	51.78 0.35 0.00	50.87 0.41 0.00	47.94 0.65 0.00	38.73 0.55 0.00
PLEASANTVLY___LBMP 24000	35.14 1.91 0.00	34.78 1.83 0.00	35.47 1.74 0.00	35.19 1.77 0.00	34.90 1.68 0.00	36.46 1.96 0.00	49.36 2.58 0.00	65.08 3.53 0.00	57.80 3.44 0.00	34.22 2.13 0.00	30.09 1.75 0.00	29.77 1.60 0.00	29.49 1.61 0.00	32.38 1.84 0.00	35.71 1.97 0.00	43.52 2.32 0.00	57.71 2.55 0.00	74.90 3.04 0.00	75.54 2.87 0.00	65.46 2.36 0.00	53.33 1.89 0.00	52.35 1.90 0.00	48.93 1.63 0.00	39.61 1.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.45 2.23 0.00	35.07 2.12 0.00	35.75 2.01 0.00	35.45 2.03 0.00	35.20 1.98 0.00	36.79 2.29 0.00	49.84 3.05 0.00	65.73 4.18 0.00	58.45 4.09 0.00	34.62 2.53 0.00	30.43 2.09 0.00	30.10 1.93 0.00	29.81 1.93 0.00	32.74 2.20 0.00	36.08 2.33 0.00	43.97 2.77 0.00	58.27 3.11 0.00	75.64 3.78 0.00	76.27 3.59 0.00	66.03 2.93 0.00	53.76 2.32 0.00	52.79 2.34 0.00	49.32 2.02 0.00	39.94 1.77 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.45 2.23 0.00	35.07 2.12 0.00	35.75 2.01 0.00	35.45 2.03 0.00	35.20 1.98 0.00	36.79 2.29 0.00	49.84 3.05 0.00	65.73 4.18 0.00	58.45 4.09 0.00	34.62 2.53 0.00	30.43 2.09 0.00	30.10 1.93 0.00	29.81 1.93 0.00	32.74 2.20 0.00	36.08 2.33 0.00	43.97 2.77 0.00	58.27 3.11 0.00	75.64 3.78 0.00	76.27 3.59 0.00	66.03 2.93 0.00	53.76 2.32 0.00	52.79 2.34 0.00	49.32 2.02 0.00	39.94 1.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.40 2.18 0.00	35.03 2.08 0.00	35.74 2.00 0.00	35.45 2.03 0.00	35.19 1.97 0.00	36.77 2.26 0.00	49.81 3.03 0.00	65.68 4.13 0.00	58.28 3.92 0.00	34.44 2.35 0.00	30.27 1.93 0.00	29.97 1.81 0.00	29.69 1.81 0.00	32.57 2.03 0.00	35.92 2.18 0.00	43.74 2.54 0.00	58.14 2.98 0.00	75.56 3.70 0.00	76.25 3.57 0.00	66.13 3.03 0.00	53.84 2.40 0.00	52.83 2.38 0.00	49.35 2.05 0.00	39.90 1.73 0.00
POLETTI_____ 23519	35.66 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	37.00 2.50 0.00	50.11 3.33 0.00	66.12 4.57 0.00	58.85 4.49 0.00	34.92 2.83 0.00	30.71 2.37 0.00	30.38 2.22 0.00	30.09 2.21 0.00	33.04 2.50 0.00	36.37 2.63 0.00	44.32 3.12 0.00	58.64 3.49 0.00	76.05 4.19 0.00	76.64 3.96 0.00	66.28 3.19 0.00	53.96 2.52 0.00	52.99 2.54 0.00	49.50 2.21 0.00	40.13 1.95 0.00
POMONA___ESR 323819	35.39 2.16 0.00	35.02 2.06 0.00	35.69 1.95 0.00	35.42 2.00 0.00	35.14 1.93 0.00	36.75 2.24 0.00	49.85 3.07 0.00	65.71 4.16 0.00	58.33 3.97 0.00	34.52 2.42 0.00	30.31 1.98 0.00	29.98 1.82 0.00	29.69 1.81 0.00	32.62 2.08 0.00	35.95 2.21 0.00	43.83 2.63 0.00	58.11 2.96 0.00	75.52 3.66 0.00	76.20 3.52 0.00	65.93 2.83 0.00	53.67 2.23 0.00	52.69 2.23 0.00	49.19 1.89 0.00	39.85 1.67 0.00
PORT_JEFF_3 23555	35.09 1.86 0.00	33.54 1.71 1.13	30.82 1.56 4.48	20.01 1.59 15.00	22.36 1.45 12.30	36.43 1.93 0.00	49.25 2.46 0.00	65.32 3.77 0.00	58.16 3.80 0.00	34.30 2.21 0.00	30.38 2.05 0.00	29.99 1.82 0.00	29.75 1.87 0.00	32.65 2.12 0.00	36.05 2.31 0.00	44.06 2.86 0.00	60.34 3.21 -1.97	75.63 3.77 0.00	76.06 3.38 0.00	65.66 2.56 0.00	53.08 2.12 0.48	50.88 1.97 1.54	48.93 1.64 0.00	39.75 1.60 0.03
PORT_JEFF_4 23616	35.09 1.86 0.00	33.54 1.71 1.13	30.82 1.56 4.48	20.01 1.59 15.00	22.36 1.45 12.30	36.43 1.93 0.00	49.25 2.46 0.00	65.32 3.77 0.00	58.16 3.80 0.00	34.30 2.21 0.00	30.38 2.05 0.00	29.99 1.82 0.00	29.75 1.87 0.00	32.65 2.12 0.00	36.05 2.31 0.00	44.06 2.86 0.00	60.34 3.21 -1.97	75.63 3.77 0.00	76.06 3.38 0.00	65.66 2.56 0.00	53.08 2.12 0.48	50.88 1.97 1.54	48.93 1.64 0.00	39.75 1.60 0.03

PORT_JEFF_IC 23713	36.56 1.85 -1.48	35.96 1.70 -1.30	32.26 1.55 3.03	19.20 1.58 15.80	21.69 1.42 12.96	36.42 1.92 0.00	49.24 2.46 0.00	65.50 3.75 -0.21	62.69 3.78 -4.55	38.50 2.20 -4.21	33.64 2.05 -3.25	34.14 1.83 -4.14	32.54 1.87 -2.80	35.44 2.12 -2.78	38.62 2.32 -2.57	45.79 2.88 -1.71	63.07 3.23 -4.69	80.00 3.83 -4.32	79.07 3.43 -2.96	65.68 2.58 0.00	53.07 2.13 0.50	50.82 1.99 1.62	48.93 1.63 0.00	39.75 1.61 0.03
PPL PILGRIM_ST_GT1 24216	35.43 2.20 0.00	34.89 2.05 0.11	35.25 1.95 0.44	34.07 2.13 1.48	33.96 1.96 1.22	36.91 2.41 0.00	49.93 3.15 0.00	66.18 4.63 0.00	58.70 4.34 0.00	34.58 2.49 0.00	30.59 2.25 0.00	30.17 2.00 0.00	29.93 2.05 0.00	32.87 2.33 0.00	36.35 2.61 0.00	44.46 3.27 0.00	61.09 3.90 -2.03	76.56 4.70 0.00	77.04 4.36 0.00	66.67 3.57 0.00	54.29 2.90 0.05	53.02 2.72 0.15	49.56 2.26 0.00	40.25 2.08 0.00
PPL PILGRIM_ST_GT2 24217	35.43 2.20 0.00	34.89 2.05 0.11	35.25 1.95 0.44	34.07 2.13 1.48	33.96 1.96 1.22	36.91 2.41 0.00	49.93 3.15 0.00	66.18 4.63 0.00	58.70 4.34 0.00	34.58 2.49 0.00	30.59 2.25 0.00	30.17 2.00 0.00	29.93 2.05 0.00	32.87 2.33 0.00	36.35 2.61 0.00	44.46 3.27 0.00	61.09 3.90 -2.03	76.56 4.70 0.00	77.04 4.36 0.00	66.67 3.57 0.00	54.29 2.90 0.05	53.02 2.72 0.15	49.56 2.26 0.00	40.25 2.08 0.00
PPL_SHRM_GT3 24213	28.41 1.34 6.15	22.69 1.18 11.44	23.29 1.00 11.45	19.55 1.03 14.90	21.89 0.89 12.22	35.89 1.39 0.00	48.52 1.74 0.00	63.53 2.84 0.86	38.47 2.99 18.88	16.37 1.75 17.47	16.59 1.73 13.48	12.49 1.52 17.20	17.86 1.58 11.60	20.80 1.80 11.53	25.06 1.97 10.65	36.53 2.41 7.08	48.53 2.62 9.25	56.79 2.85 17.93	62.84 2.43 12.27	64.83 1.73 0.00	52.40 1.43 0.47	50.22 1.30 1.53	48.35 1.06 0.00	39.26 1.12 0.03
PPL_SHRM_GT4 24214	28.41 1.34 6.15	22.69 1.18 11.44	23.29 1.00 11.45	19.55 1.03 14.90	21.89 0.89 12.22	35.89 1.39 0.00	48.52 1.74 0.00	63.53 2.84 0.86	38.47 2.99 18.88	16.37 1.75 17.47	16.59 1.73 13.48	12.49 1.52 17.20	17.86 1.58 11.60	20.80 1.80 11.53	25.06 1.97 10.65	36.53 2.41 7.08	48.53 2.62 9.25	56.79 2.85 17.93	62.84 2.43 12.27	64.83 1.73 0.00	52.40 1.43 0.47	50.22 1.30 1.53	48.35 1.06 0.00	39.26 1.12 0.03
PROJECT___ORANGE 1 24174	32.40 -0.82 0.00	32.15 -0.81 0.00	32.92 -0.82 0.00	32.62 -0.79 0.00	32.45 -0.77 0.00	33.78 -0.72 0.00	45.86 -0.92 0.00	60.30 -1.25 0.00	53.18 -1.18 0.00	31.45 -0.64 0.00	27.71 -0.63 0.00	27.52 -0.64 0.00	27.19 -0.69 0.00	29.75 -0.78 0.00	32.81 -0.93 0.00	40.24 -0.96 0.00	53.98 -1.18 0.00	70.30 -1.56 0.00	71.15 -1.53 0.00	61.80 -1.30 0.00	50.30 -1.14 0.00	49.34 -1.11 0.00	46.21 -1.08 0.00	37.28 -0.89 0.00
PROJECT___ORANGE 2 24166	32.40 -0.82 0.00	32.15 -0.81 0.00	32.92 -0.82 0.00	32.62 -0.79 0.00	32.45 -0.77 0.00	33.78 -0.72 0.00	45.86 -0.92 0.00	60.30 -1.25 0.00	53.18 -1.18 0.00	31.45 -0.64 0.00	27.71 -0.63 0.00	27.52 -0.64 0.00	27.19 -0.69 0.00	29.75 -0.78 0.00	32.81 -0.93 0.00	40.24 -0.96 0.00	53.98 -1.18 0.00	70.30 -1.56 0.00	71.15 -1.53 0.00	61.80 -1.30 0.00	50.30 -1.14 0.00	49.34 -1.11 0.00	46.21 -1.08 0.00	37.28 -0.89 0.00
PUCKETT___SOLAR 323809	33.05 -0.17 0.00	32.84 -0.12 0.00	33.59 -0.15 0.00	33.30 -0.12 0.00	33.19 -0.03 0.00	34.58 0.07 0.00	47.06 0.28 0.00	61.95 0.40 0.00	54.37 0.00 0.00	32.07 -0.02 0.00	27.99 -0.35 0.00	27.65 -0.52 0.00	27.32 -0.56 0.00	29.93 -0.61 0.00	32.92 -0.83 0.00	40.54 -0.66 0.00	54.87 -0.29 0.00	71.78 -0.08 0.00	72.77 0.10 0.00	63.19 0.10 0.00	51.28 -0.16 0.00	50.34 -0.11 0.00	47.33 0.03 0.00	38.19 0.02 0.00
PYRITES___HYD 24023	34.42 1.19 0.00	34.08 1.13 0.00	34.96 1.22 0.00	34.58 1.16 0.00	34.51 1.29 0.00	35.89 1.39 0.00	48.94 2.16 0.00	64.30 2.76 0.00	56.09 1.73 0.00	32.66 0.57 0.00	28.81 0.47 0.00	28.53 0.36 0.00	28.22 0.34 0.00	31.04 0.50 0.00	34.45 0.71 0.00	42.39 1.19 0.00	57.23 2.07 0.00	75.03 3.17 0.00	76.07 3.39 0.00	65.74 2.64 0.00	53.59 2.16 0.00	52.71 2.25 0.00	49.67 2.37 0.00	39.99 1.82 0.00
QUAKERRD_115KV_BK1 80622	30.59 -2.63 0.00	30.33 -2.63 0.00	31.07 -2.67 0.00	30.79 -2.63 0.00	30.74 -2.48 0.00	32.05 -2.45 0.00	43.60 -3.19 0.00	57.28 -4.26 0.00	50.68 -3.68 0.00	30.20 -1.89 0.00	26.51 -1.83 0.00	26.31 -1.86 0.00	25.81 -2.07 0.00	28.15 -2.39 0.00	29.91 -2.79 1.04	36.55 -2.99 1.65	51.54 -3.62 0.00	67.10 -4.76 0.00	68.17 -4.51 0.00	59.08 -4.02 0.00	48.10 -3.34 0.00	45.57 -3.21 1.67	42.29 -2.99 2.01	35.82 -2.35 0.00
QUENSBRY_115KV_TB8 356137	34.84 1.61 0.00	34.44 1.48 0.00	35.19 1.45 0.00	34.83 1.41 0.00	34.65 1.43 0.00	36.15 1.65 0.00	48.63 1.84 0.00	64.03 2.48 0.00	56.12 1.76 0.00	32.89 0.80 0.00	28.86 0.52 0.00	28.65 0.48 0.00	28.81 0.93 0.00	31.52 0.98 0.00	34.94 1.20 0.00	42.67 1.48 0.00	57.22 2.07 0.00	74.68 2.82 0.00	75.42 2.74 0.00	65.88 2.78 0.00	53.53 2.09 0.00	52.25 1.79 0.00	49.26 1.97 0.00	39.76 1.58 0.00
RAMAPO___LBMP 323565	35.27 2.04 0.00	34.90 1.95 0.00	35.57 1.83 0.00	35.31 1.89 0.00	35.04 1.82 0.00	36.63 2.12 0.00	49.69 2.91 0.00	65.49 3.95 0.00	58.11 3.75 0.00	34.37 2.28 0.00	30.17 1.84 0.00	29.84 1.68 0.00	29.55 1.67 0.00	32.46 1.92 0.00	35.78 2.04 0.00	43.62 2.42 0.00	57.84 2.69 0.00	75.20 3.34 0.00	75.89 3.21 0.00	65.67 2.57 0.00	53.46 2.02 0.00	52.48 2.03 0.00	48.98 1.69 0.00	39.70 1.53 0.00
RANKINE____ 23646	29.57 -3.66 0.00	29.35 -3.60 0.00	30.10 -3.65 0.00	29.83 -3.59 0.00	30.00 -3.23 0.00	31.30 -3.20 0.00	42.58 -4.20 0.00	55.97 -5.58 0.00	49.84 -4.52 0.00	30.08 -2.02 0.00	26.11 -2.22 0.00	25.91 -2.25 0.00	25.12 -2.76 0.00	27.34 -3.20 0.00	26.53 -3.92 3.30	31.67 -4.29 5.24	49.95 -5.21 0.00	64.87 -6.98 0.00	66.43 -6.25 0.00	57.56 -5.53 0.00	46.84 -4.59 0.00	40.91 -4.12 5.42	37.22 -3.55 6.53	35.55 -2.62 0.00
RAVENSWOOD_GT2_1 24244	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	36.99 2.48 0.00	50.06 3.28 0.00	66.05 4.50 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.19 0.00	30.06 2.18 0.00	33.01 2.47 0.00	36.33 2.59 0.00	44.28 3.08 0.00	58.60 3.44 0.00	75.99 4.14 0.00	76.60 3.92 0.00	66.25 3.16 0.00	53.93 2.49 0.00	52.98 2.53 0.00	49.50 2.21 0.00	40.12 1.95 0.00
RAVENSWOOD_GT2_2 24245	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	36.99 2.48 0.00	50.06 3.28 0.00	66.05 4.50 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.19 0.00	30.06 2.18 0.00	33.01 2.47 0.00	36.33 2.59 0.00	44.28 3.08 0.00	58.60 3.44 0.00	75.99 4.14 0.00	76.60 3.92 0.00	66.25 3.16 0.00	53.93 2.49 0.00	52.98 2.53 0.00	49.50 2.21 0.00	40.12 1.95 0.00

RAVENSWOOD_GT2_3 24246	35.67 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.66 2.24 0.00	35.38 2.16 0.00	37.01 2.51 0.00	50.08 3.30 0.00	66.08 4.54 0.00	58.82 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.36 2.19 0.00	30.07 2.19 0.00	33.02 2.49 0.00	36.34 2.60 0.00	44.30 3.10 0.00	58.63 3.47 0.00	76.04 4.18 0.00	76.63 3.96 0.00	66.28 3.19 0.00	53.96 2.52 0.00	52.99 2.54 0.00	49.51 2.22 0.00	40.14 1.96 0.00
RAVENSWOOD_GT2_4 24247	35.67 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.66 2.24 0.00	35.38 2.16 0.00	37.01 2.51 0.00	50.08 3.30 0.00	66.08 4.54 0.00	58.82 4.45 0.00	34.90 2.81 0.00	30.70 2.36 0.00	30.36 2.19 0.00	30.07 2.19 0.00	33.02 2.49 0.00	36.34 2.60 0.00	44.30 3.10 0.00	58.63 3.47 0.00	76.04 4.18 0.00	76.63 3.96 0.00	66.28 3.19 0.00	53.96 2.52 0.00	52.99 2.54 0.00	49.51 2.22 0.00	40.14 1.96 0.00
RAVENSWOOD_GT3_1 24248	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	36.99 2.48 0.00	50.06 3.28 0.00	66.06 4.51 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.19 0.00	30.06 2.18 0.00	33.01 2.47 0.00	36.33 2.59 0.00	44.28 3.08 0.00	58.60 3.45 0.00	75.99 4.14 0.00	76.60 3.92 0.00	66.25 3.16 0.00	53.93 2.49 0.00	52.98 2.53 0.00	49.50 2.21 0.00	40.12 1.95 0.00
RAVENSWOOD_GT3_2 24249	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	36.99 2.48 0.00	50.06 3.28 0.00	66.06 4.51 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.19 0.00	30.06 2.18 0.00	33.01 2.47 0.00	36.33 2.59 0.00	44.28 3.08 0.00	58.60 3.45 0.00	75.99 4.14 0.00	76.60 3.92 0.00	66.25 3.16 0.00	53.93 2.49 0.00	52.98 2.53 0.00	49.50 2.21 0.00	40.12 1.95 0.00
RAVENSWOOD_GT3_3 24250	35.69 2.47 0.00	35.30 2.35 0.00	35.98 2.23 0.00	35.68 2.26 0.00	35.41 2.18 0.00	37.03 2.52 0.00	50.13 3.35 0.00	66.15 4.60 0.00	58.88 4.52 0.00	34.94 2.85 0.00	30.73 2.39 0.00	30.39 2.22 0.00	30.10 2.23 0.00	33.06 2.52 0.00	36.39 2.65 0.00	44.34 3.15 0.00	58.69 3.53 0.00	76.11 4.26 0.00	76.71 4.03 0.00	66.35 3.26 0.00	54.01 2.57 0.00	53.05 2.59 0.00	49.56 2.26 0.00	40.18 2.00 0.00
RAVENSWOOD_GT3_4 24251	35.69 2.47 0.00	35.30 2.35 0.00	35.98 2.23 0.00	35.68 2.26 0.00	35.41 2.18 0.00	37.03 2.52 0.00	50.13 3.35 0.00	66.15 4.60 0.00	58.88 4.52 0.00	34.94 2.85 0.00	30.73 2.39 0.00	30.39 2.22 0.00	30.10 2.23 0.00	33.06 2.52 0.00	36.39 2.65 0.00	44.34 3.15 0.00	58.69 3.53 0.00	76.11 4.26 0.00	76.71 4.03 0.00	66.35 3.26 0.00	54.01 2.57 0.00	53.05 2.59 0.00	49.56 2.26 0.00	40.18 2.00 0.00
RAVENSWOOD_GT_1 23729	35.74 2.51 0.00	35.34 2.38 0.00	36.00 2.26 0.00	35.72 2.30 0.00	35.44 2.22 0.00	37.07 2.56 0.00	50.10 3.32 0.00	66.07 4.52 0.00	58.88 4.52 0.00	34.99 2.90 0.00	30.76 2.43 0.00	30.43 2.27 0.00	30.15 2.27 0.00	33.10 2.57 0.00	36.41 2.67 0.00	44.37 3.17 0.00	58.65 3.49 0.00	76.01 4.16 0.00	76.60 3.92 0.00	66.21 3.11 0.00	53.89 2.45 0.00	53.00 2.55 0.00	49.56 2.26 0.00	40.20 2.03 0.00
RAVENSWOOD_GT_10 24258	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	36.99 2.48 0.00	50.06 3.28 0.00	66.06 4.51 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.18 0.00	30.06 2.18 0.00	33.01 2.47 0.00	36.34 2.60 0.00	44.28 3.08 0.00	58.60 3.45 0.00	76.00 4.14 0.00	76.60 3.93 0.00	66.27 3.17 0.00	53.93 2.49 0.00	52.98 2.53 0.00	49.50 2.21 0.00	40.11 1.94 0.00
RAVENSWOOD_GT_11 24259	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	36.99 2.48 0.00	50.06 3.28 0.00	66.06 4.51 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.18 0.00	30.06 2.18 0.00	33.01 2.47 0.00	36.34 2.60 0.00	44.28 3.08 0.00	58.60 3.45 0.00	76.00 4.14 0.00	76.60 3.93 0.00	66.27 3.17 0.00	53.93 2.49 0.00	52.98 2.53 0.00	49.50 2.21 0.00	40.11 1.94 0.00
RAVENSWOOD_GT_4 24252	35.67 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.66 2.24 0.00	35.38 2.16 0.00	37.00 2.50 0.00	50.06 3.28 0.00	66.05 4.50 0.00	58.80 4.45 0.00	34.91 2.82 0.00	30.70 2.36 0.00	30.36 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.35 2.61 0.00	44.30 3.10 0.00	58.59 3.43 0.00	75.99 4.13 0.00	76.58 3.90 0.00	66.23 3.13 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.50 2.20 0.00	40.13 1.96 0.00
RAVENSWOOD_GT_5 24254	35.67 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.66 2.24 0.00	35.38 2.16 0.00	37.00 2.50 0.00	50.06 3.28 0.00	66.05 4.50 0.00	58.80 4.45 0.00	34.91 2.82 0.00	30.70 2.36 0.00	30.36 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.35 2.61 0.00	44.30 3.10 0.00	58.59 3.43 0.00	75.99 4.13 0.00	76.58 3.90 0.00	66.23 3.13 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.50 2.20 0.00	40.13 1.96 0.00
RAVENSWOOD_GT_6 24253	35.67 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.66 2.24 0.00	35.38 2.16 0.00	37.00 2.50 0.00	50.06 3.28 0.00	66.05 4.50 0.00	58.80 4.45 0.00	34.91 2.82 0.00	30.70 2.36 0.00	30.36 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.35 2.61 0.00	44.30 3.10 0.00	58.59 3.43 0.00	75.99 4.13 0.00	76.58 3.90 0.00	66.23 3.13 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.50 2.20 0.00	40.13 1.96 0.00
RAVENSWOOD_GT_7 24255	35.67 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.66 2.24 0.00	35.38 2.16 0.00	37.00 2.50 0.00	50.06 3.28 0.00	66.05 4.50 0.00	58.80 4.45 0.00	34.91 2.82 0.00	30.70 2.36 0.00	30.36 2.20 0.00	30.08 2.20 0.00	33.03 2.49 0.00	36.35 2.61 0.00	44.30 3.10 0.00	58.59 3.43 0.00	75.99 4.13 0.00	76.58 3.90 0.00	66.23 3.13 0.00	53.91 2.47 0.00	52.97 2.52 0.00	49.50 2.20 0.00	40.13 1.96 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	36.99 2.48 0.00	50.06 3.28 0.00	66.06 4.51 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.18 0.00	30.06 2.18 0.00	33.01 2.47 0.00	36.34 2.60 0.00	44.28 3.08 0.00	58.60 3.45 0.00	76.00 4.14 0.00	76.60 3.93 0.00	66.27 3.17 0.00	53.93 2.49 0.00	52.98 2.53 0.00	49.50 2.21 0.00	40.11 1.94 0.00
RAVENSWOOD_GT_9 24257	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.37 2.15 0.00	36.99 2.48 0.00	50.06 3.28 0.00	66.06 4.51 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.18 0.00	30.06 2.18 0.00	33.01 2.47 0.00	36.34 2.60 0.00	44.28 3.08 0.00	58.60 3.45 0.00	76.00 4.14 0.00	76.60 3.93 0.00	66.27 3.17 0.00	53.93 2.49 0.00	52.98 2.53 0.00	49.50 2.21 0.00	40.11 1.94 0.00

RAVENSWOOD___1 23533	35.71 2.49 0.00	35.31 2.36 0.00	35.99 2.25 0.00	35.70 2.28 0.00	35.43 2.21 0.00	37.05 2.55 0.00	50.08 3.30 0.00	66.05 4.50 0.00	58.86 4.50 0.00	34.96 2.87 0.00	30.74 2.41 0.00	30.41 2.24 0.00	30.13 2.25 0.00	33.07 2.54 0.00	36.39 2.65 0.00	44.36 3.16 0.00	58.61 3.46 0.00	75.97 4.12 0.00	76.56 3.89 0.00	66.21 3.11 0.00	53.88 2.44 0.00	52.98 2.53 0.00	49.54 2.24 0.00	40.17 2.00 0.00
RAVENSWOOD___2 23534	35.69 2.46 0.00	35.29 2.34 0.00	35.96 2.22 0.00	35.67 2.26 0.00	35.41 2.19 0.00	37.02 2.52 0.00	50.05 3.27 0.00	66.03 4.49 0.00	58.84 4.48 0.00	34.94 2.85 0.00	30.73 2.39 0.00	30.39 2.22 0.00	30.11 2.23 0.00	33.06 2.52 0.00	36.37 2.63 0.00	44.33 3.13 0.00	58.60 3.44 0.00	75.96 4.11 0.00	76.55 3.87 0.00	66.19 3.09 0.00	53.87 2.43 0.00	52.96 2.51 0.00	49.51 2.21 0.00	40.14 1.97 0.00
RAVENSWOOD___3 23535	35.66 2.43 0.00	35.26 2.31 0.00	35.94 2.19 0.00	35.65 2.23 0.00	35.38 2.16 0.00	36.99 2.49 0.00	50.06 3.28 0.00	66.06 4.51 0.00	58.80 4.44 0.00	34.89 2.80 0.00	30.68 2.34 0.00	30.35 2.18 0.00	30.06 2.19 0.00	33.01 2.47 0.00	36.34 2.59 0.00	44.29 3.09 0.00	58.61 3.45 0.00	76.00 4.14 0.00	76.60 3.92 0.00	66.27 3.17 0.00	53.93 2.49 0.00	52.99 2.53 0.00	49.51 2.21 0.00	40.12 1.95 0.00
RAVENSWOOD___4 23820	35.69 2.46 0.00	35.29 2.34 0.00	35.96 2.22 0.00	35.67 2.26 0.00	35.41 2.19 0.00	37.02 2.52 0.00	50.05 3.27 0.00	66.03 4.49 0.00	58.84 4.48 0.00	34.94 2.85 0.00	30.73 2.39 0.00	30.39 2.22 0.00	30.11 2.23 0.00	33.06 2.52 0.00	36.37 2.63 0.00	44.33 3.13 0.00	58.60 3.44 0.00	75.96 4.11 0.00	76.55 3.87 0.00	66.19 3.09 0.00	53.87 2.43 0.00	52.96 2.51 0.00	49.51 2.21 0.00	40.14 1.97 0.00
RCPL_TRUST___DRP 24196	35.67 2.44 0.00	35.27 2.32 0.00	35.94 2.20 0.00	35.65 2.23 0.00	35.38 2.15 0.00	37.02 2.51 0.00	50.11 3.33 0.00	66.15 4.61 0.00	58.86 4.50 0.00	34.93 2.84 0.00	30.73 2.39 0.00	30.39 2.22 0.00	30.10 2.22 0.00	33.05 2.52 0.00	36.37 2.63 0.00	44.32 3.13 0.00	58.65 3.50 0.00	76.05 4.20 0.00	76.63 3.96 0.00	66.28 3.18 0.00	53.94 2.49 0.00	52.98 2.52 0.00	49.49 2.19 0.00	40.10 1.93 0.00
RED___ROCHESTER 323720	31.22 -2.01 0.00	30.93 -2.03 0.00	31.69 -2.06 0.00	31.40 -2.02 0.00	31.40 -1.82 0.00	32.76 -1.75 0.00	44.56 -2.22 0.00	58.55 -3.00 0.00	51.88 -2.48 0.00	30.99 -1.10 0.00	27.15 -1.19 0.00	26.94 -1.23 0.00	26.37 -1.51 0.00	28.74 -1.80 0.00	29.92 -2.17 1.65	36.41 -2.16 2.63	52.74 -2.42 0.00	68.66 -3.20 0.00	69.88 -2.80 0.00	60.50 -2.59 0.00	49.25 -2.19 0.00	45.75 -2.06 2.65	42.22 -1.89 3.19	36.71 -1.46 0.00
REGAN___SOLAR 323812	34.25 1.02 0.00	33.98 1.03 0.00	34.75 1.01 0.00	34.40 0.98 0.00	34.28 1.06 0.00	35.61 1.10 0.00	48.49 1.71 0.00	63.50 1.96 0.00	54.76 0.40 0.00	31.77 -0.32 0.00	28.11 -0.23 0.00	28.09 -0.08 0.00	27.77 -0.11 0.00	30.49 -0.05 0.00	33.89 0.15 0.00	41.45 0.25 0.00	56.93 1.77 0.00	74.70 2.84 0.00	75.56 2.88 0.00	65.64 2.54 0.00	53.43 1.99 0.00	52.28 1.82 0.00	48.89 1.59 0.00	39.41 1.24 0.00
RENSSELAER___COGEN 23796	34.36 1.13 0.00	34.06 1.11 0.00	34.80 1.06 0.00	34.44 1.02 0.00	34.00 0.78 0.00	35.33 0.83 0.00	47.62 0.83 0.00	62.53 0.99 0.00	54.57 0.22 0.00	32.33 0.23 0.00	28.59 0.25 0.00	28.37 0.21 0.00	28.23 0.35 0.00	30.99 0.45 0.00	34.62 0.88 0.00	42.06 0.87 0.00	55.92 0.76 0.00	72.66 0.80 0.00	73.29 0.62 0.00	63.99 0.89 0.00	52.20 0.77 0.00	51.11 0.65 0.00	47.90 0.60 0.00	38.56 0.39 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.42 3.19 0.00	35.95 3.00 0.00	36.57 2.83 0.00	36.16 2.74 0.00	36.15 2.93 0.00	37.76 3.26 0.00	50.82 4.03 0.00	67.14 5.60 0.00	58.66 4.30 0.00	34.42 2.33 0.00	29.88 1.54 0.00	29.76 1.59 0.00	30.50 2.62 0.00	33.13 2.59 0.00	36.50 2.76 0.00	44.30 3.11 0.00	59.78 4.63 0.00	78.66 6.80 0.00	79.47 6.79 0.00	69.64 6.55 0.00	56.38 4.94 0.00	54.82 4.37 0.00	52.19 4.89 0.00	42.17 4.00 0.00
REVERE_CPPR_DRP 24186	33.81 0.59 0.00	33.58 0.62 0.00	34.39 0.65 0.00	34.10 0.68 0.00	33.92 0.70 0.00	35.48 0.98 0.00	48.28 1.50 0.00	63.29 1.74 0.00	55.32 0.96 0.00	32.39 0.30 0.00	28.54 0.20 0.00	28.42 0.26 0.00	28.18 0.30 0.00	30.74 0.20 0.00	33.94 0.20 0.00	41.77 0.58 0.00	56.52 1.36 0.00	73.88 2.02 0.00	74.74 2.06 0.00	65.07 1.98 0.00	52.94 1.50 0.00	51.83 1.38 0.00	48.55 1.25 0.00	39.11 0.94 0.00
REYNLDPA_13_KV_LD 356490	33.73 0.50 0.00	33.42 0.47 0.00	34.27 0.53 0.00	33.92 0.50 0.00	33.82 0.60 0.00	35.07 0.57 0.00	47.64 0.86 0.00	62.69 1.15 0.00	55.35 0.99 0.00	32.58 0.49 0.00	28.70 0.36 0.00	28.50 0.34 0.00	28.13 0.25 0.00	30.83 0.30 0.00	34.15 0.41 0.00	41.73 0.53 0.00	56.15 1.00 0.00	73.37 1.51 0.00	74.32 1.64 0.00	64.23 1.13 0.00	52.38 0.94 0.00	51.41 0.95 0.00	48.31 1.01 0.00	38.97 0.79 0.00
REYNOLDS_115KV_TB3 80639	34.46 1.23 0.00	34.15 1.20 0.00	34.87 1.13 0.00	34.52 1.10 0.00	34.16 0.94 0.00	35.50 1.00 0.00	47.78 1.00 0.00	62.67 1.13 0.00	54.34 -0.02 0.00	32.20 0.11 0.00	28.51 0.17 0.00	28.30 0.14 0.00	28.17 0.29 0.00	30.93 0.39 0.00	34.77 1.03 0.00	42.21 1.02 0.00	56.02 0.87 0.00	72.81 0.95 0.00	73.41 0.73 0.00	64.20 1.10 0.00	52.39 0.96 0.00	51.26 0.81 0.00	48.08 0.78 0.00	38.68 0.51 0.00
RIVERBAY____ 323610	36.43 3.21 0.00	36.03 3.08 0.00	36.75 3.01 0.00	36.50 3.08 0.00	36.20 2.97 0.00	37.93 3.42 0.00	51.25 4.47 0.00	67.61 6.06 0.00	60.17 5.81 0.00	35.58 3.49 0.00	31.21 2.88 0.00	30.89 2.72 0.00	30.60 2.72 0.00	33.53 3.00 0.00	36.85 3.12 0.00	44.96 3.77 0.00	59.40 4.25 0.00	77.19 5.33 0.00	77.94 5.26 0.00	67.38 4.28 0.00	54.79 3.36 0.00	53.91 3.46 0.00	50.38 3.08 0.00	40.82 2.65 0.00
RIVERSDE_115KV_TB3 55908	34.40 1.18 0.00	34.10 1.15 0.00	34.83 1.09 0.00	34.47 1.05 0.00	34.04 0.82 0.00	35.37 0.87 0.00	47.65 0.86 0.00	62.56 1.01 0.00	54.47 0.11 0.00	32.28 0.19 0.00	28.56 0.23 0.00	28.36 0.20 0.00	28.24 0.37 0.00	31.00 0.46 0.00	34.74 1.00 0.00	42.18 0.99 0.00	56.05 0.89 0.00	72.83 0.97 0.00	73.44 0.76 0.00	64.16 1.06 0.00	52.36 0.92 0.00	51.23 0.78 0.00	48.02 0.72 0.00	38.65 0.48 0.00
ROARING___BROOK_WT_PWR 323790	32.54 -0.69 0.00	32.19 -0.77 0.00	33.00 -0.74 0.00	32.75 -0.67 0.00	32.66 -0.56 0.00	34.00 -0.51 0.00	46.25 -0.53 0.00	60.75 -0.80 0.00	53.57 -0.79 0.00	31.44 -0.65 0.00	27.63 -0.71 0.00	27.39 -0.78 0.00	27.12 -0.75 0.00	29.74 -0.80 0.00	33.00 -0.74 0.00	40.28 -0.92 0.00	54.04 -1.12 0.00	70.38 -1.48 0.00	71.46 -1.21 0.00	62.20 -0.90 0.00	50.94 -0.49 0.00	50.03 -0.43 0.00	46.82 -0.48 0.00	37.86 -0.32 0.00

ROCHESRG_115KV_T4 355643	30.92 -2.30 0.00	30.65 -2.30 0.00	31.41 -2.33 0.00	31.12 -2.30 0.00	31.12 -2.10 0.00	32.43 -2.08 0.00	44.06 -2.72 0.00	57.91 -3.64 0.00	51.35 -3.01 0.00	30.68 -1.41 0.00	26.89 -1.44 0.00	26.69 -1.47 0.00	26.13 -1.75 0.00	28.45 -2.08 0.00	29.63 -2.49 1.62	36.01 -2.60 2.59	52.10 -3.05 0.00	67.79 -4.06 0.00	68.99 -3.69 0.00	59.76 -3.34 0.00	48.67 -2.77 0.00	45.23 -2.61 2.61	41.79 -2.36 3.14	36.36 -1.81 0.00
ROCHESTER_9_IC 23652	31.08 -2.14 0.00	30.80 -2.15 0.00	31.57 -2.18 0.00	31.28 -2.14 0.00	31.28 -1.94 0.00	32.61 -1.90 0.00	44.33 -2.45 0.00	58.25 -3.29 0.00	51.64 -2.72 0.00	30.85 -1.24 0.00	27.03 -1.30 0.00	26.83 -1.33 0.00	26.26 -1.62 0.00	28.61 -1.93 0.00	29.78 -2.31 1.65	36.21 -2.35 2.63	52.44 -2.72 0.00	68.26 -3.59 0.00	69.47 -3.21 0.00	60.18 -2.92 0.00	48.99 -2.45 0.00	45.49 -2.32 2.65	42.00 -2.11 3.19	36.56 -1.62 0.00
ROCKVIEW_13_KV_LD 356306	35.56 2.33 0.00	35.17 2.22 0.00	35.84 2.10 0.00	35.55 2.13 0.00	35.29 2.07 0.00	36.92 2.42 0.00	50.07 3.29 0.00	66.05 4.50 0.00	58.73 4.37 0.00	34.79 2.70 0.00	30.59 2.26 0.00	30.27 2.10 0.00	29.97 2.09 0.00	32.91 2.37 0.00	36.26 2.52 0.00	44.20 3.00 0.00	58.55 3.39 0.00	75.99 4.13 0.00	76.60 3.93 0.00	66.31 3.21 0.00	53.98 2.54 0.00	53.01 2.56 0.00	49.52 2.22 0.00	40.10 1.92 0.00
ROME____115KV_TB2 80656	33.81 0.59 0.00	33.58 0.62 0.00	34.39 0.65 0.00	34.10 0.68 0.00	33.92 0.70 0.00	35.48 0.98 0.00	48.28 1.50 0.00	63.29 1.74 0.00	55.32 0.96 0.00	32.39 0.30 0.00	28.54 0.20 0.00	28.42 0.26 0.00	28.18 0.30 0.00	30.74 0.20 0.00	33.94 0.20 0.00	41.77 0.58 0.00	56.52 1.36 0.00	73.88 2.02 0.00	74.74 2.06 0.00	65.07 1.98 0.00	52.94 1.50 0.00	51.83 1.38 0.00	48.55 1.25 0.00	39.11 0.94 0.00
ROSETON___1 23587	35.16 1.94 0.00	34.80 1.85 0.00	35.50 1.75 0.00	35.21 1.79 0.00	34.93 1.71 0.00	36.50 1.99 0.00	49.40 2.62 0.00	65.12 3.57 0.00	57.87 3.51 0.00	34.25 2.16 0.00	30.10 1.76 0.00	29.74 1.57 0.00	29.44 1.57 0.00	32.33 1.79 0.00	35.64 1.90 0.00	43.45 2.25 0.00	57.61 2.45 0.00	74.79 2.94 0.00	75.42 2.74 0.00	65.36 2.26 0.00	53.26 1.82 0.00	52.32 1.87 0.00	48.90 1.61 0.00	39.58 1.41 0.00
ROSETON___2 23588	35.16 1.94 0.00	34.80 1.85 0.00	35.50 1.75 0.00	35.21 1.79 0.00	34.93 1.71 0.00	36.50 1.99 0.00	49.40 2.62 0.00	65.12 3.57 0.00	57.87 3.51 0.00	34.25 2.16 0.00	30.10 1.76 0.00	29.74 1.57 0.00	29.44 1.57 0.00	32.33 1.79 0.00	35.64 1.90 0.00	43.45 2.25 0.00	57.61 2.45 0.00	74.79 2.94 0.00	75.42 2.74 0.00	65.36 2.26 0.00	53.26 1.82 0.00	52.32 1.87 0.00	48.90 1.61 0.00	39.58 1.41 0.00
ROTRRDAM_115KV_TB3 80664	34.25 1.02 0.00	33.96 1.01 0.00	34.73 0.99 0.00	34.40 0.98 0.00	34.15 0.93 0.00	35.53 1.03 0.00	48.03 1.25 0.00	63.15 1.61 0.00	55.67 1.31 0.00	32.81 0.72 0.00	28.90 0.56 0.00	28.71 0.55 0.00	28.49 0.62 0.00	31.25 0.71 0.00	34.59 0.85 0.00	42.23 1.03 0.00	56.42 1.26 0.00	73.37 1.52 0.00	74.10 1.42 0.00	64.52 1.42 0.00	52.60 1.17 0.00	51.50 1.05 0.00	48.28 0.99 0.00	38.96 0.78 0.00
RUSSELL___1 23602	31.22 -2.01 0.00	30.93 -2.02 0.00	31.69 -2.05 0.00	31.40 -2.02 0.00	31.41 -1.81 0.00	32.75 -1.75 0.00	44.56 -2.23 0.00	58.55 -2.99 0.00	51.87 -2.49 0.00	30.99 -1.10 0.00	27.15 -1.19 0.00	26.94 -1.23 0.00	26.37 -1.51 0.00	28.74 -1.80 0.00	29.92 -2.17 1.65	36.42 -2.14 2.63	52.74 -2.42 0.00	68.67 -3.19 0.00	69.89 -2.79 0.00	60.52 -2.58 0.00	49.26 -2.18 0.00	45.73 -2.07 2.65	42.22 -1.89 3.19	36.71 -1.46 0.00
RUSSELL___2 23532	31.22 -2.01 0.00	30.93 -2.02 0.00	31.69 -2.05 0.00	31.40 -2.02 0.00	31.41 -1.81 0.00	32.75 -1.75 0.00	44.56 -2.23 0.00	58.55 -2.99 0.00	51.87 -2.49 0.00	30.99 -1.10 0.00	27.15 -1.19 0.00	26.94 -1.23 0.00	26.37 -1.51 0.00	28.74 -1.80 0.00	29.92 -2.17 1.65	36.42 -2.14 2.63	52.74 -2.42 0.00	68.67 -3.19 0.00	69.89 -2.79 0.00	60.52 -2.58 0.00	49.26 -2.18 0.00	45.73 -2.07 2.65	42.22 -1.89 3.19	36.71 -1.46 0.00
RUSSELL___3 23549	31.22 -2.01 0.00	30.93 -2.02 0.00	31.69 -2.05 0.00	31.40 -2.02 0.00	31.41 -1.81 0.00	32.75 -1.75 0.00	44.56 -2.23 0.00	58.55 -2.99 0.00	51.87 -2.49 0.00	30.99 -1.10 0.00	27.15 -1.19 0.00	26.94 -1.23 0.00	26.37 -1.51 0.00	28.74 -1.80 0.00	29.92 -2.17 1.65	36.42 -2.14 2.63	52.74 -2.42 0.00	68.67 -3.19 0.00	69.89 -2.79 0.00	60.52 -2.58 0.00	49.26 -2.18 0.00	45.73 -2.07 2.65	42.22 -1.89 3.19	36.71 -1.46 0.00
RUSSELL___4 23556	31.22 -2.01 0.00	30.93 -2.02 0.00	31.69 -2.05 0.00	31.40 -2.02 0.00	31.41 -1.81 0.00	32.75 -1.75 0.00	44.56 -2.23 0.00	58.55 -2.99 0.00	51.87 -2.49 0.00	30.99 -1.10 0.00	27.15 -1.19 0.00	26.94 -1.23 0.00	26.37 -1.51 0.00	28.74 -1.80 0.00	29.92 -2.17 1.65	36.42 -2.14 2.63	52.74 -2.42 0.00	68.67 -3.19 0.00	69.89 -2.79 0.00	60.52 -2.58 0.00	49.26 -2.18 0.00	45.73 -2.07 2.65	42.22 -1.89 3.19	36.71 -1.46 0.00
RUSSELL___STATION 23914	31.22 -2.01 0.00	30.93 -2.02 0.00	31.69 -2.05 0.00	31.40 -2.02 0.00	31.41 -1.81 0.00	32.75 -1.75 0.00	44.56 -2.23 0.00	58.55 -2.99 0.00	51.87 -2.49 0.00	30.99 -1.10 0.00	27.15 -1.19 0.00	26.94 -1.23 0.00	26.37 -1.51 0.00	28.74 -1.80 0.00	29.92 -2.17 1.65	36.42 -2.14 2.63	52.74 -2.42 0.00	68.67 -3.19 0.00	69.89 -2.79 0.00	60.52 -2.58 0.00	49.26 -2.18 0.00	45.73 -2.07 2.65	42.22 -1.89 3.19	36.71 -1.46 0.00
S SALMON___HYD 24043	32.09 -1.13 0.00	31.83 -1.12 0.00	32.59 -1.15 0.00	32.28 -1.14 0.00	32.13 -1.09 0.00	33.48 -1.03 0.00	45.53 -1.25 0.00	59.79 -1.75 0.00	52.37 -1.99 0.00	30.73 -1.37 0.00	27.09 -1.25 0.00	26.92 -1.24 0.00	26.61 -1.27 0.00	29.05 -1.48 0.00	32.22 -1.52 0.00	39.71 -1.49 0.00	53.47 -1.68 0.00	69.75 -2.11 0.00	70.71 -1.97 0.00	61.74 -1.35 0.00	50.30 -1.14 0.00	49.37 -1.09 0.00	46.31 -0.98 0.00	37.34 -0.83 0.00
S.PERRY__115KV_TB1 80734	31.44 -1.79 0.00	31.15 -1.80 0.00	31.87 -1.87 0.00	31.55 -1.87 0.00	31.70 -1.52 0.00	33.21 -1.30 0.00	45.40 -1.38 0.00	59.69 -1.86 0.00	52.23 -2.13 0.00	30.76 -1.33 0.00	26.70 -1.64 0.00	26.40 -1.77 0.00	25.75 -2.12 0.00	28.11 -2.42 0.00	25.74 -2.87 5.13	30.03 -2.85 8.32	52.45 -2.70 0.00	69.15 -2.71 0.00	70.73 -1.95 0.00	61.38 -1.71 0.00	49.84 -1.59 0.00	41.16 -1.43 7.86	36.65 -1.18 9.46	37.33 -0.84 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.35 -3.88 0.00	29.11 -3.85 0.00	29.86 -3.88 0.00	29.59 -3.83 0.00	29.74 -3.48 0.00	31.01 -3.50 0.00	42.10 -4.69 0.00	55.25 -6.29 0.00	49.30 -5.06 0.00	29.81 -2.28 0.00	25.95 -2.38 0.00	25.77 -2.40 0.00	24.98 -2.90 0.00	27.15 -3.39 0.00	26.69 -4.10 2.96	31.99 -4.51 4.70	49.58 -5.57 0.00	64.38 -7.48 0.00	65.87 -6.81 0.00	57.07 -6.03 0.00	46.47 -4.96 0.00	41.14 -4.49 4.82	37.58 -3.92 5.80	35.25 -2.92 0.00

SAWYER___23_KV_LOAD 55526	29.35 -3.88 0.00	29.11 -3.85 0.00	29.86 -3.88 0.00	29.59 -3.83 0.00	29.74 -3.48 0.00	31.01 -3.50 0.00	42.10 -4.69 0.00	55.25 -6.29 0.00	49.30 -5.06 0.00	29.81 -2.28 0.00	25.95 -2.38 0.00	25.77 -2.40 0.00	24.98 -2.90 0.00	27.15 -3.39 0.00	26.69 -4.10 2.96	31.99 -4.51 4.70	49.58 -5.57 0.00	64.38 -7.48 0.00	65.87 -6.81 0.00	57.07 -6.03 0.00	46.47 -4.96 0.00	41.14 -4.49 4.82	37.58 -3.92 5.80	35.25 -2.92 0.00
SELKIRK___I 23801	34.40 1.17 0.00	34.13 1.18 0.00	34.91 1.17 0.00	34.56 1.14 0.00	34.21 0.99 0.00	35.53 1.03 0.00	47.96 1.18 0.00	62.96 1.41 0.00	55.29 0.93 0.00	32.66 0.57 0.00	28.83 0.49 0.00	28.62 0.46 0.00	28.43 0.55 0.00	31.21 0.68 0.00	34.65 0.91 0.00	42.25 1.06 0.00	56.31 1.15 0.00	73.15 1.29 0.00	73.82 1.15 0.00	64.39 1.29 0.00	52.52 1.08 0.00	51.44 0.99 0.00	48.22 0.92 0.00	38.88 0.71 0.00
SELKIRK___II 23799	34.30 1.08 0.00	34.02 1.06 0.00	34.78 1.04 0.00	34.43 1.01 0.00	34.05 0.83 0.00	35.39 0.89 0.00	47.77 0.99 0.00	62.79 1.24 0.00	55.17 0.81 0.00	32.62 0.53 0.00	28.79 0.45 0.00	28.57 0.41 0.00	28.39 0.52 0.00	31.17 0.63 0.00	34.64 0.89 0.00	42.14 0.95 0.00	56.08 0.92 0.00	72.86 1.00 0.00	73.53 0.85 0.00	64.10 1.00 0.00	52.30 0.86 0.00	51.22 0.76 0.00	47.99 0.70 0.00	38.69 0.52 0.00
SENECA OSWGO___HYD 24041	32.12 -1.10 0.00	31.87 -1.09 0.00	32.63 -1.11 0.00	32.34 -1.08 0.00	32.15 -1.07 0.00	33.41 -1.10 0.00	45.39 -1.39 0.00	59.72 -1.83 0.00	52.66 -1.70 0.00	31.11 -0.98 0.00	27.43 -0.91 0.00	27.23 -0.94 0.00	26.92 -0.95 0.00	29.46 -1.08 0.00	32.48 -1.25 0.00	39.86 -1.34 0.00	53.49 -1.67 0.00	69.65 -2.20 0.00	70.50 -2.18 0.00	61.26 -1.83 0.00	49.89 -1.55 0.00	48.93 -1.52 0.00	45.83 -1.47 0.00	36.97 -1.20 0.00
SENECA___115KV_TB3 355854	29.62 -3.61 0.00	29.39 -3.56 0.00	30.15 -3.59 0.00	29.88 -3.55 0.00	30.03 -3.19 0.00	31.35 -3.16 0.00	42.66 -4.12 0.00	56.06 -5.49 0.00	49.93 -4.43 0.00	30.12 -1.97 0.00	26.16 -2.17 0.00	25.96 -2.21 0.00	25.16 -2.72 0.00	27.38 -3.15 0.00	26.57 -3.88 3.30	31.70 -4.26 5.24	50.04 -5.12 0.00	64.98 -6.87 0.00	66.54 -6.14 0.00	57.67 -5.42 0.00	46.92 -4.51 0.00	41.00 -4.03 5.42	37.27 -3.50 6.53	35.60 -2.57 0.00
SENECA___ENERGY 23797	31.97 -1.26 0.00	31.71 -1.24 0.00	32.42 -1.32 0.00	32.18 -1.24 0.00	32.05 -1.18 0.00	33.39 -1.11 0.00	45.39 -1.39 0.00	59.68 -1.87 0.00	52.60 -1.76 0.00	31.22 -0.87 0.00	27.47 -0.86 0.00	27.28 -0.89 0.00	26.89 -0.98 0.00	29.40 -1.14 0.00	32.85 -1.38 -0.49	40.54 -1.44 -0.78	53.56 -1.60 0.00	69.94 -1.92 0.00	70.93 -1.75 0.00	61.45 -1.65 0.00	50.04 -1.40 0.00	49.88 -1.35 -0.78	46.90 -1.34 -0.94	37.11 -1.06 0.00
SHOEMAKER___GT 23640	35.10 1.88 0.00	34.76 1.81 0.00	35.47 1.73 0.00	35.19 1.77 0.00	34.93 1.71 0.00	36.47 1.97 0.00	49.44 2.66 0.00	65.15 3.60 0.00	57.71 3.35 0.00	34.11 2.02 0.00	29.88 1.54 0.00	29.53 1.36 0.00	29.22 1.34 0.00	32.07 1.53 0.00	35.38 1.64 0.00	43.21 2.02 0.00	57.55 2.39 0.00	74.83 2.98 0.00	75.56 2.88 0.00	65.46 2.37 0.00	53.32 1.88 0.00	52.33 1.88 0.00	48.89 1.60 0.00	39.57 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	35.09 1.87 0.00	34.75 1.80 0.00	35.45 1.71 0.00	35.17 1.75 0.00	34.91 1.69 0.00	36.46 1.95 0.00	49.42 2.64 0.00	65.10 3.56 0.00	57.71 3.35 0.00	34.12 2.03 0.00	29.90 1.57 0.00	29.54 1.37 0.00	29.24 1.36 0.00	32.10 1.56 0.00	35.41 1.66 0.00	43.23 2.04 0.00	57.54 2.38 0.00	74.80 2.94 0.00	75.50 2.82 0.00	65.42 2.32 0.00	53.29 1.85 0.00	52.31 1.86 0.00	48.87 1.57 0.00	39.54 1.37 0.00
SHOREHAM_IC_1 23715	28.41 1.34 6.15	22.69 1.18 11.44	23.29 1.00 11.45	19.55 1.03 14.90	21.89 0.89 12.22	35.89 1.39 0.00	48.52 1.74 0.00	63.53 2.84 0.86	38.47 2.99 18.88	16.37 1.75 17.47	16.59 1.73 13.48	12.49 1.52 17.20	17.86 1.58 11.60	20.80 1.80 11.53	25.06 1.97 10.65	36.53 2.41 7.08	48.53 2.62 9.25	56.79 2.85 17.93	62.84 2.43 12.27	64.83 1.73 0.00	52.40 1.43 0.47	50.22 1.30 1.53	48.35 1.06 0.00	39.26 1.12 0.03
SHOREHAM_IC_2 23716	28.41 1.34 6.15	22.69 1.18 11.44	23.29 1.00 11.45	19.55 1.03 14.90	21.89 0.89 12.22	35.89 1.39 0.00	48.52 1.74 0.00	63.53 2.84 0.86	38.47 2.99 18.88	16.37 1.75 17.47	16.59 1.73 13.48	12.50 1.54 17.20	17.86 1.58 11.60	20.80 1.80 11.53	25.06 1.97 10.65	36.54 2.42 7.08	48.51 2.61 9.25	56.79 2.85 17.93	62.84 2.42 12.27	64.82 1.73 0.00	52.40 1.43 0.47	50.22 1.30 1.53	48.35 1.06 0.00	39.26 1.12 0.03
SISSONVILLE____ 23735	33.86 0.64 0.00	33.54 0.59 0.00	34.40 0.66 0.00	34.02 0.60 0.00	33.94 0.72 0.00	35.24 0.74 0.00	47.97 1.19 0.00	63.10 1.55 0.00	55.38 1.02 0.00	32.41 0.32 0.00	28.54 0.20 0.00	28.31 0.14 0.00	27.96 0.08 0.00	30.65 0.11 0.00	34.01 0.27 0.00	41.73 0.54 0.00	56.16 1.00 0.00	73.35 1.49 0.00	74.37 1.70 0.00	64.35 1.25 0.00	52.51 1.07 0.00	51.75 1.30 0.00	48.86 1.57 0.00	39.38 1.20 0.00
SITHE_IND_GS1 24169	31.80 -1.43 0.00	31.56 -1.40 0.00	32.31 -1.43 0.00	32.02 -1.40 0.00	31.84 -1.38 0.00	33.08 -1.42 0.00	44.88 -1.90 0.00	59.01 -2.54 0.00	52.09 -2.27 0.00	30.82 -1.27 0.00	27.19 -1.15 0.00	27.01 -1.16 0.00	26.70 -1.17 0.00	29.19 -1.34 0.00	32.19 -1.55 0.00	39.40 -1.80 0.00	52.82 -2.34 0.00	68.78 -3.07 0.00	69.61 -3.06 0.00	60.45 -2.64 0.00	49.26 -2.17 0.00	48.35 -2.10 0.00	45.31 -1.98 0.00	36.58 -1.59 0.00
SITHE_IND_GS2 24170	31.80 -1.43 0.00	31.56 -1.40 0.00	32.31 -1.43 0.00	32.02 -1.40 0.00	31.84 -1.38 0.00	33.08 -1.42 0.00	44.88 -1.90 0.00	59.01 -2.54 0.00	52.09 -2.27 0.00	30.82 -1.27 0.00	27.19 -1.15 0.00	27.01 -1.16 0.00	26.70 -1.17 0.00	29.19 -1.34 0.00	32.19 -1.55 0.00	39.40 -1.80 0.00	52.82 -2.34 0.00	68.78 -3.07 0.00	69.61 -3.06 0.00	60.45 -2.64 0.00	49.26 -2.17 0.00	48.35 -2.10 0.00	45.31 -1.98 0.00	36.58 -1.59 0.00
SITHE_IND_GS3 24171	31.80 -1.43 0.00	31.56 -1.40 0.00	32.31 -1.43 0.00	32.02 -1.40 0.00	31.84 -1.38 0.00	33.08 -1.42 0.00	44.88 -1.90 0.00	59.01 -2.54 0.00	52.09 -2.27 0.00	30.82 -1.27 0.00	27.19 -1.15 0.00	27.01 -1.16 0.00	26.70 -1.17 0.00	29.19 -1.34 0.00	32.19 -1.55 0.00	39.40 -1.80 0.00	52.82 -2.34 0.00	68.78 -3.07 0.00	69.61 -3.06 0.00	60.45 -2.64 0.00	49.26 -2.17 0.00	48.35 -2.10 0.00	45.31 -1.98 0.00	36.58 -1.59 0.00
SITHE_IND_GS4 24172	31.80 -1.43 0.00	31.56 -1.40 0.00	32.31 -1.43 0.00	32.02 -1.40 0.00	31.84 -1.38 0.00	33.08 -1.42 0.00	44.88 -1.90 0.00	59.01 -2.54 0.00	52.09 -2.27 0.00	30.82 -1.27 0.00	27.19 -1.15 0.00	27.01 -1.16 0.00	26.70 -1.17 0.00	29.19 -1.34 0.00	32.19 -1.55 0.00	39.40 -1.80 0.00	52.82 -2.34 0.00	68.78 -3.07 0.00	69.61 -3.06 0.00	60.45 -2.64 0.00	49.26 -2.17 0.00	48.35 -2.10 0.00	45.31 -1.98 0.00	36.58 -1.59 0.00

SITHE___BATAVIA 24024	30.53 -2.70 0.00	30.22 -2.73 0.00	31.00 -2.74 0.00	30.72 -2.70 0.00	30.82 -2.40 0.00	32.22 -2.28 0.00	43.88 -2.90 0.00	57.63 -3.92 0.00	51.02 -3.34 0.00	30.42 -1.67 0.00	26.48 -1.86 0.00	26.34 -1.83 0.00	25.54 -2.35 0.00	27.73 -2.81 0.00	28.06 -3.33 2.35	34.16 -3.29 3.74	51.79 -3.37 0.00	67.44 -4.41 0.00	68.85 -3.82 0.00	59.60 -3.50 0.00	48.51 -2.93 0.00	43.98 -2.67 3.81	40.40 -2.31 4.58	36.46 -1.71 0.00
SITHE___INDEPEND 23800	31.80 -1.43 0.00	31.56 -1.40 0.00	32.31 -1.43 0.00	32.02 -1.40 0.00	31.84 -1.38 0.00	33.09 -1.42 0.00	44.87 -1.90 0.00	59.01 -2.54 0.00	52.09 -2.27 0.00	30.82 -1.27 0.00	27.19 -1.15 0.00	27.01 -1.16 0.00	26.70 -1.18 0.00	29.19 -1.35 0.00	32.19 -1.55 0.00	39.40 -1.80 0.00	52.82 -2.34 0.00	68.78 -3.08 0.00	69.61 -3.06 0.00	60.45 -2.65 0.00	49.27 -2.17 0.00	48.36 -2.10 0.00	45.31 -1.98 0.00	36.58 -1.59 0.00
SITHE___MASSENA 23902	33.85 0.62 0.00	33.53 0.58 0.00	34.39 0.65 0.00	34.03 0.61 0.00	33.93 0.71 0.00	35.20 0.70 0.00	47.85 1.07 0.00	62.95 1.41 0.00	55.52 1.16 0.00	32.64 0.55 0.00	28.74 0.41 0.00	28.54 0.37 0.00	28.18 0.30 0.00	30.88 0.35 0.00	34.22 0.48 0.00	41.84 0.65 0.00	56.31 1.15 0.00	73.61 1.76 0.00	74.57 1.89 0.00	64.45 1.35 0.00	52.57 1.13 0.00	51.61 1.15 0.00	48.54 1.25 0.00	39.14 0.97 0.00
SITHE___OGDNSBRG 24021	34.41 1.18 0.00	34.08 1.13 0.00	34.96 1.22 0.00	34.58 1.16 0.00	34.50 1.28 0.00	35.86 1.36 0.00	48.88 2.10 0.00	64.23 2.68 0.00	56.08 1.72 0.00	32.72 0.63 0.00	28.85 0.51 0.00	28.60 0.43 0.00	28.27 0.39 0.00	31.10 0.56 0.00	34.53 0.79 0.00	42.33 1.13 0.00	57.23 2.08 0.00	75.07 3.22 0.00	76.10 3.42 0.00	65.74 2.64 0.00	53.59 2.15 0.00	52.63 2.18 0.00	49.55 2.25 0.00	39.91 1.74 0.00
SITHE___STERLING 23777	33.65 0.42 0.00	33.44 0.49 0.00	34.25 0.51 0.00	33.96 0.54 0.00	33.78 0.56 0.00	35.30 0.79 0.00	48.00 1.22 0.00	62.99 1.44 0.00	55.18 0.82 0.00	32.38 0.29 0.00	28.50 0.17 0.00	28.38 0.21 0.00	28.10 0.22 0.00	30.66 0.12 0.00	33.81 0.07 0.00	41.54 0.34 0.00	56.11 0.95 0.00	73.28 1.42 0.00	74.14 1.46 0.00	64.45 1.35 0.00	52.44 1.01 0.00	51.37 0.91 0.00	48.10 0.81 0.00	38.78 0.61 0.00
SLEIGHT__34_KV_TB1 80719	31.45 -1.78 0.00	31.18 -1.78 0.00	31.92 -1.83 0.00	31.64 -1.78 0.00	31.57 -1.65 0.00	32.95 -1.55 0.00	44.87 -1.91 0.00	58.95 -2.60 0.00	51.98 -2.38 0.00	30.84 -1.25 0.00	27.08 -1.25 0.00	26.88 -1.28 0.00	26.42 -1.46 0.00	28.85 -1.68 0.00	31.18 -2.01 0.55	38.28 -2.03 0.88	52.92 -2.24 0.00	69.03 -2.83 0.00	70.10 -2.58 0.00	60.70 -2.40 0.00	49.40 -2.04 0.00	47.59 -1.97 0.89	44.35 -1.87 1.08	36.69 -1.48 0.00
SMITHTWN_69_KV_BK 1 55830	37.88 1.92 -2.74	37.86 1.77 -3.14	32.70 1.62 2.66	15.74 1.66 19.34	18.86 1.50 15.86	36.49 1.98 0.00	49.36 2.57 0.00	65.82 3.89 -0.38	66.64 3.89 -8.39	42.11 2.26 -7.76	36.43 2.11 -5.99	37.70 1.89 -7.64	34.95 1.92 -5.16	37.85 2.19 -5.12	40.88 2.41 -4.73	47.33 2.99 -3.15	65.50 3.37 -6.98	83.88 4.06 -7.97	81.80 3.67 -5.45	65.93 2.83 0.00	53.15 2.32 0.61	50.61 2.15 1.99	49.06 1.76 0.00	39.89 1.75 0.04
SOUTH CAIRO___GT 23612	35.10 1.87 0.00	34.79 1.84 0.00	35.58 1.84 0.00	35.22 1.80 0.00	34.81 1.59 0.00	36.27 1.76 0.00	49.07 2.29 0.00	64.50 2.95 0.00	55.93 1.57 0.00	32.69 0.60 0.00	28.86 0.52 0.00	28.70 0.54 0.00	28.54 0.66 0.00	31.43 0.89 0.00	35.07 1.33 0.00	42.82 1.63 0.00	57.74 2.59 0.00	75.54 3.69 0.00	76.31 3.63 0.00	66.45 3.35 0.00	54.11 2.67 0.00	52.85 2.39 0.00	49.41 2.12 0.00	39.71 1.54 0.00
SOUTH HAMPTN___IC 23720	17.64 1.26 16.85	4.70 1.12 29.37	11.09 0.93 23.58	19.67 0.97 14.72	22.05 0.90 12.07	35.99 1.49 0.00	48.76 1.99 0.00	62.46 3.27 2.36	5.97 3.31 51.70	-13.83 1.90 47.82	-6.84 1.73 36.91	-17.53 1.40 47.10	-2.40 1.49 31.77	0.66 1.70 31.57	6.45 1.85 29.15	24.18 2.36 19.37	29.04 2.65 28.76	25.96 3.18 49.07	41.81 2.71 33.58	65.45 2.35 0.00	52.91 1.94 0.47	50.84 1.90 1.51	49.03 1.73 0.00	39.63 1.49 0.03
SOUTHDOW_115KV_TB1 355954	30.20 -3.03 0.00	30.02 -2.93 0.00	30.93 -2.81 0.00	30.86 -2.56 0.00	31.06 -2.16 0.00	32.57 -1.93 0.00	44.61 -2.18 0.00	58.89 -2.66 0.00	52.41 -1.95 0.00	31.35 -0.75 0.00	26.89 -1.45 0.00	26.60 -1.56 0.00	25.81 -2.06 0.00	28.20 -2.33 0.00	26.97 -3.22 3.54	32.01 -3.55 5.64	51.18 -3.98 0.00	66.79 -5.07 0.00	68.63 -4.04 0.00	59.46 -3.64 0.00	48.13 -3.30 0.00	41.27 -2.81 6.38	37.12 -2.50 7.68	36.46 -1.72 0.00
SOUTHOLD_69_KV_BK 2 55809	16.88 0.87 17.22	3.70 0.73 29.98	10.27 0.52 24.00	19.28 0.57 14.71	21.72 0.57 12.07	35.75 1.25 0.00	48.55 1.77 0.00	62.30 3.16 2.41	4.70 3.17 52.83	-14.98 1.79 48.86	-7.86 1.52 37.71	-18.86 1.10 48.13	-3.41 1.18 32.46	-0.39 1.34 32.27	5.41 1.46 29.79	23.32 1.92 19.80	27.85 2.13 29.44	24.51 2.80 50.15	40.64 2.28 34.32	65.49 2.39 0.00	52.98 2.00 0.47	51.03 2.09 1.51	49.37 2.07 0.00	39.71 1.57 0.03
SOUTHOLD___IC 23719	16.88 0.87 17.22	3.70 0.73 29.98	10.26 0.52 24.00	19.28 0.57 14.71	21.73 0.58 12.07	35.76 1.25 0.00	48.55 1.77 0.00	62.30 3.17 2.41	4.70 3.17 52.83	-14.99 1.79 48.86	-7.86 1.52 37.71	-18.87 1.09 48.13	-3.40 1.18 32.46	-0.39 1.34 32.27	5.41 1.46 29.79	23.31 1.91 19.80	27.86 2.14 29.44	24.51 2.80 50.15	40.64 2.28 34.32	65.48 2.38 0.00	52.98 2.00 0.47	51.03 2.09 1.51	49.37 2.07 0.00	39.71 1.56 0.03
SOUTH_FORK_WT_PWR 323839	16.50 0.30 17.02	3.47 0.17 29.65	9.90 -0.07 23.77	18.70 0.00 14.71	21.20 0.05 12.07	35.28 0.78 0.00	48.01 1.23 0.00	61.74 2.58 2.39	4.77 2.63 52.22	-14.75 1.46 48.30	-7.80 1.15 37.28	-18.78 0.62 47.57	-3.48 0.73 32.09	-0.53 0.83 31.89	5.17 0.88 29.45	22.83 1.20 19.57	27.31 1.23 29.07	24.12 1.83 49.57	39.97 1.21 33.92	64.97 1.88 0.00	52.61 1.64 0.47	50.82 1.88 1.51	49.32 2.02 0.00	39.52 1.37 0.03
SPIERFLS_115KV_TB 1 80737	34.63 1.41 0.00	34.25 1.30 0.00	35.02 1.28 0.00	34.66 1.24 0.00	34.46 1.24 0.00	35.94 1.43 0.00	48.34 1.56 0.00	63.63 2.08 0.00	55.82 1.46 0.00	32.71 0.62 0.00	28.72 0.39 0.00	28.53 0.37 0.00	28.62 0.74 0.00	31.32 0.79 0.00	34.75 1.01 0.00	42.46 1.26 0.00	56.86 1.70 0.00	74.17 2.31 0.00	74.90 2.22 0.00	65.38 2.29 0.00	53.20 1.76 0.00	51.95 1.49 0.00	48.94 1.64 0.00	39.48 1.31 0.00
ST LAWRENCE____ 23600	33.32 0.10 0.00	33.02 0.07 0.00	33.87 0.13 0.00	33.51 0.09 0.00	33.40 0.18 0.00	34.63 0.13 0.00	47.03 0.25 0.00	61.93 0.39 0.00	54.70 0.34 0.00	32.20 0.11 0.00	28.38 0.05 0.00	28.18 0.02 0.00	27.82 -0.05 0.00	30.49 -0.05 0.00	33.76 0.03 0.00	41.24 0.04 0.00	55.48 0.32 0.00	72.49 0.63 0.00	73.41 0.74 0.00	63.50 0.41 0.00	51.80 0.36 0.00	50.83 0.38 0.00	47.76 0.46 0.00	38.52 0.34 0.00

STATE_CA_115KV_115_LB 55624	34.57 1.34 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.62 1.20 0.00	34.19 0.97 0.00	35.55 1.05 0.00	47.92 1.14 0.00	62.92 1.37 0.00	54.84 0.48 0.00	32.49 0.39 0.00	28.73 0.40 0.00	28.53 0.36 0.00	28.39 0.51 0.00	31.17 0.63 0.00	34.84 1.10 0.00	42.36 1.17 0.00	56.30 1.15 0.00	73.14 1.28 0.00	73.74 1.07 0.00	64.39 1.30 0.00	52.51 1.08 0.00	51.38 0.93 0.00	48.14 0.84 0.00	38.75 0.58 0.00
STATE_ST_34_KV_LOAD 55959	32.74 -0.48 0.00	32.51 -0.45 0.00	33.17 -0.57 0.00	32.95 -0.47 0.00	32.83 -0.39 0.00	34.21 -0.29 0.00	46.53 -0.25 0.00	61.09 -0.46 0.00	53.60 -0.76 0.00	31.67 -0.42 0.00	27.87 -0.47 0.00	27.66 -0.50 0.00	27.33 -0.55 0.00	29.90 -0.64 0.00	34.11 -0.82 -1.19	42.26 -0.84 -1.90	54.37 -0.79 0.00	71.24 -0.62 0.00	72.18 -0.50 0.00	62.41 -0.68 0.00	50.93 -0.51 0.00	51.88 -0.48 -1.90	49.05 -0.54 -2.29	37.78 -0.39 0.00
STATION_5_MISC_HYD 23604	31.08 -2.14 0.00	30.80 -2.16 0.00	31.56 -2.19 0.00	31.27 -2.15 0.00	31.27 -1.95 0.00	32.61 -1.89 0.00	44.33 -2.45 0.00	58.26 -3.28 0.00	51.63 -2.73 0.00	30.85 -1.25 0.00	27.03 -1.30 0.00	26.83 -1.33 0.00	26.26 -1.62 0.00	28.61 -1.93 0.00	29.78 -2.31 1.65	36.19 -2.37 2.63	52.43 -2.73 0.00	68.26 -3.60 0.00	69.46 -3.22 0.00	60.19 -2.91 0.00	48.99 -2.45 0.00	45.50 -2.31 2.65	42.00 -2.11 3.19	36.56 -1.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.62 -1.61 0.00	31.35 -1.61 0.00	32.11 -1.63 0.00	31.83 -1.59 0.00	31.76 -1.46 0.00	33.13 -1.38 0.00	45.07 -1.71 0.00	59.25 -2.29 0.00	52.32 -2.04 0.00	31.07 -1.02 0.00	27.28 -1.06 0.00	27.07 -1.10 0.00	26.61 -1.27 0.00	29.04 -1.50 0.00	31.11 -1.79 0.84	38.07 -1.78 1.35	53.20 -1.95 0.00	69.33 -2.53 0.00	70.39 -2.29 0.00	61.00 -2.10 0.00	49.66 -1.78 0.00	47.38 -1.72 1.36	44.04 -1.62 1.64	36.89 -1.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.00 -2.23 0.00	30.72 -2.23 0.00	31.47 -2.27 0.00	31.19 -2.23 0.00	31.18 -2.04 0.00	32.49 -2.01 0.00	44.18 -2.60 0.00	58.06 -3.48 0.00	51.44 -2.92 0.00	30.71 -1.38 0.00	26.93 -1.41 0.00	26.73 -1.44 0.00	26.18 -1.70 0.00	28.53 -2.01 0.00	29.88 -2.39 1.48	36.37 -2.47 2.36	52.26 -2.89 0.00	68.04 -3.82 0.00	69.18 -3.50 0.00	59.94 -3.16 0.00	48.81 -2.63 0.00	45.57 -2.51 2.37	42.15 -2.29 2.86	36.40 -1.77 0.00
STA_56___34_KV_BUS2 355983	31.00 -2.23 0.00	30.72 -2.23 0.00	31.47 -2.27 0.00	31.19 -2.23 0.00	31.18 -2.04 0.00	32.49 -2.01 0.00	44.18 -2.60 0.00	58.06 -3.48 0.00	51.44 -2.92 0.00	30.71 -1.38 0.00	26.93 -1.41 0.00	26.73 -1.44 0.00	26.18 -1.70 0.00	28.53 -2.01 0.00	29.88 -2.39 1.48	36.37 -2.47 2.36	52.26 -2.89 0.00	68.04 -3.82 0.00	69.18 -3.50 0.00	59.94 -3.16 0.00	48.81 -2.63 0.00	45.57 -2.51 2.37	42.15 -2.29 2.86	36.40 -1.77 0.00
STA_67___115KV_BK2 355882	31.02 -2.21 0.00	30.74 -2.21 0.00	31.51 -2.24 0.00	31.22 -2.20 0.00	31.21 -2.01 0.00	32.54 -1.97 0.00	44.23 -2.55 0.00	58.12 -3.43 0.00	51.52 -2.84 0.00	30.78 -1.31 0.00	26.98 -1.36 0.00	26.78 -1.39 0.00	26.20 -1.67 0.00	28.54 -2.00 0.00	29.71 -2.39 1.65	36.12 -2.45 2.63	52.30 -2.85 0.00	68.09 -3.77 0.00	69.28 -3.39 0.00	60.01 -3.08 0.00	48.86 -2.58 0.00	45.38 -2.43 2.64	41.92 -2.20 3.18	36.48 -1.70 0.00
STA_7___115KV_9TRANS 80674	31.22 -2.01 0.00	30.93 -2.02 0.00	31.69 -2.05 0.00	31.40 -2.02 0.00	31.41 -1.81 0.00	32.75 -1.75 0.00	44.56 -2.23 0.00	58.55 -2.99 0.00	51.87 -2.49 0.00	30.99 -1.10 0.00	27.15 -1.19 0.00	26.94 -1.23 0.00	26.37 -1.51 0.00	28.74 -1.80 0.00	29.92 -2.17 1.65	36.42 -2.14 2.63	52.74 -2.42 0.00	68.67 -3.19 0.00	69.89 -2.79 0.00	60.52 -2.58 0.00	49.26 -2.18 0.00	45.73 -2.07 2.65	42.22 -1.89 3.19	36.71 -1.46 0.00
STA_82___115KV_TB1 80780	31.03 -2.20 0.00	30.75 -2.21 0.00	31.51 -2.23 0.00	31.22 -2.20 0.00	31.22 -2.00 0.00	32.55 -1.95 0.00	44.24 -2.54 0.00	58.13 -3.42 0.00	51.53 -2.83 0.00	30.78 -1.31 0.00	26.98 -1.36 0.00	26.78 -1.39 0.00	26.20 -1.67 0.00	28.54 -2.00 0.00	29.69 -2.39 1.66	36.09 -2.45 2.66	52.33 -2.83 0.00	68.12 -3.74 0.00	69.31 -3.37 0.00	60.04 -3.05 0.00	48.88 -2.55 0.00	45.37 -2.41 2.67	41.89 -2.19 3.22	36.50 -1.68 0.00
STEEL___WIND 323596	29.57 -3.66 0.00	29.36 -3.60 0.00	30.08 -3.66 0.00	29.82 -3.60 0.00	29.97 -3.25 0.00	31.27 -3.23 0.00	42.56 -4.23 0.00	55.95 -5.60 0.00	49.83 -4.53 0.00	30.06 -2.04 0.00	26.09 -2.24 0.00	25.89 -2.27 0.00	25.09 -2.78 0.00	27.32 -3.22 0.00	26.50 -3.94 3.30	31.61 -4.35 5.24	49.93 -5.23 0.00	64.85 -7.01 0.00	66.41 -6.27 0.00	57.55 -5.55 0.00	46.83 -4.60 0.00	40.94 -4.09 5.42	37.23 -3.54 6.53	35.57 -2.61 0.00
STEPHTWN_115KV_BK_2 55603	34.63 1.40 0.00	34.30 1.35 0.00	35.07 1.33 0.00	34.69 1.27 0.00	34.39 1.17 0.00	35.75 1.25 0.00	48.31 1.53 0.00	63.31 1.77 0.00	55.18 0.82 0.00	32.64 0.55 0.00	28.83 0.49 0.00	28.65 0.48 0.00	28.54 0.66 0.00	31.35 0.82 0.00	34.96 1.22 0.00	42.57 1.37 0.00	56.73 1.57 0.00	73.72 1.86 0.00	74.34 1.66 0.00	64.89 1.79 0.00	52.81 1.38 0.00	51.75 1.30 0.00	48.47 1.17 0.00	39.04 0.87 0.00
STEUBEN_REC_LFGE 323667	29.99 -3.24 0.00	29.78 -3.18 0.00	30.50 -3.24 0.00	30.17 -3.25 0.00	30.39 -2.83 0.00	31.99 -2.51 0.00	43.63 -3.15 0.00	57.32 -4.22 0.00	50.29 -4.07 0.00	29.79 -2.30 0.00	25.41 -2.93 0.00	24.87 -3.29 0.00	24.21 -3.67 0.00	26.49 -4.05 0.00	18.03 -4.88 10.83	18.39 -5.39 17.42	49.42 -5.74 0.00	65.60 -6.24 0.01	67.45 -5.23 0.00	58.60 -4.50 0.00	47.26 -4.17 0.01	30.72 -3.52 16.21	24.87 -2.92 19.51	36.18 -2.00 0.00
STILLWATER___SOLAR 323814	34.80 1.57 0.00	34.47 1.52 0.00	35.22 1.48 0.00	34.88 1.46 0.00	34.65 1.43 0.00	36.09 1.58 0.00	48.63 1.85 0.00	63.92 2.37 0.00	56.07 1.72 0.00	32.96 0.87 0.00	28.99 0.66 0.00	28.80 0.63 0.00	28.73 0.85 0.00	31.49 0.96 0.00	35.01 1.27 0.00	42.75 1.55 0.00	57.12 1.96 0.00	74.36 2.51 0.00	75.04 2.37 0.00	65.47 2.37 0.00	53.32 1.88 0.00	52.11 1.66 0.00	48.95 1.66 0.00	39.47 1.30 0.00
STONY___BROOK 24151	37.33 1.86 -2.24	37.18 1.71 -2.51	32.90 1.56 2.40	18.43 1.59 16.58	21.06 1.44 13.60	36.43 1.93 0.00	49.27 2.48 0.00	65.65 3.79 -0.31	65.06 3.82 -6.88	40.67 2.21 -6.36	35.31 2.06 -4.91	36.27 1.84 -6.27	33.99 1.88 -4.23	36.87 2.13 -4.20	39.97 2.35 -3.88	46.69 2.92 -2.58	64.53 3.30 -6.07	82.29 3.91 -6.53	80.67 3.52 -4.47	65.78 2.69 0.00	53.11 2.20 0.53	50.80 2.04 1.71	48.97 1.67 0.00	39.78 1.64 0.03
STURGEON_POOL_HYD 23609	35.02 1.79 0.00	34.69 1.73 0.00	35.42 1.68 0.00	35.13 1.71 0.00	34.87 1.65 0.00	36.38 1.88 0.00	49.29 2.51 0.00	64.99 3.44 0.00	57.76 3.40 0.00	34.12 2.03 0.00	29.98 1.64 0.00	29.79 1.62 0.00	29.57 1.69 0.00	32.43 1.89 0.00	35.72 1.98 0.00	43.61 2.42 0.00	57.91 2.76 0.00	75.20 3.34 0.00	75.90 3.22 0.00	65.76 2.66 0.00	53.58 2.14 0.00	52.63 2.18 0.00	49.16 1.86 0.00	39.76 1.59 0.00

ST_LAW_115_BK7_LBMP 345037	33.37 0.14 0.00	33.07 0.11 0.00	33.92 0.18 0.00	33.57 0.15 0.00	33.46 0.23 0.00	34.69 0.19 0.00	47.12 0.34 0.00	62.03 0.48 0.00	54.79 0.43 0.00	32.24 0.14 0.00	28.41 0.07 0.00	28.20 0.04 0.00	27.85 -0.03 0.00	30.52 -0.02 0.00	33.81 0.07 0.00	41.29 0.09 0.00	55.54 0.38 0.00	72.61 0.75 0.00	73.53 0.86 0.00	63.58 0.48 0.00	51.85 0.41 0.00	50.89 0.44 0.00	47.83 0.53 0.00	38.58 0.40 0.00
ST_LAW_115_BK8_LBMP 345038	33.37 0.14 0.00	33.07 0.11 0.00	33.92 0.18 0.00	33.57 0.15 0.00	33.46 0.23 0.00	34.69 0.19 0.00	47.12 0.34 0.00	62.03 0.48 0.00	54.79 0.43 0.00	32.24 0.14 0.00	28.41 0.07 0.00	28.20 0.04 0.00	27.85 -0.03 0.00	30.52 -0.02 0.00	33.81 0.07 0.00	41.29 0.09 0.00	55.54 0.38 0.00	72.61 0.75 0.00	73.53 0.86 0.00	63.58 0.48 0.00	51.85 0.41 0.00	50.89 0.44 0.00	47.83 0.53 0.00	38.58 0.40 0.00
ST_LAW_230_BK5_LBMP 345035	33.32 0.10 0.00	33.02 0.07 0.00	33.87 0.13 0.00	33.51 0.09 0.00	33.40 0.18 0.00	34.63 0.13 0.00	47.03 0.25 0.00	61.93 0.39 0.00	54.70 0.34 0.00	32.20 0.11 0.00	28.38 0.05 0.00	28.18 0.02 0.00	27.82 -0.05 0.00	30.49 -0.05 0.00	33.76 0.03 0.00	41.24 0.04 0.00	55.48 0.32 0.00	72.49 0.63 0.00	73.41 0.74 0.00	63.50 0.41 0.00	51.80 0.36 0.00	50.83 0.38 0.00	47.76 0.46 0.00	38.52 0.34 0.00
ST_LAW_230_BK6_LBMP 345036	33.32 0.10 0.00	33.02 0.07 0.00	33.87 0.13 0.00	33.51 0.09 0.00	33.40 0.18 0.00	34.63 0.13 0.00	47.03 0.25 0.00	61.93 0.39 0.00	54.70 0.34 0.00	32.20 0.11 0.00	28.38 0.05 0.00	28.18 0.02 0.00	27.82 -0.05 0.00	30.49 -0.05 0.00	33.76 0.03 0.00	41.24 0.04 0.00	55.48 0.32 0.00	72.49 0.63 0.00	73.41 0.74 0.00	63.50 0.41 0.00	51.80 0.36 0.00	50.83 0.38 0.00	47.76 0.46 0.00	38.52 0.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.24 2.01 0.00	34.87 1.92 0.00	35.56 1.82 0.00	35.29 1.87 0.00	35.02 1.80 0.00	36.60 2.09 0.00	49.62 2.84 0.00	65.40 3.85 0.00	58.02 3.66 0.00	34.30 2.21 0.00	30.10 1.76 0.00	29.74 1.57 0.00	29.45 1.57 0.00	32.34 1.80 0.00	35.67 1.93 0.00	43.51 2.32 0.00	57.78 2.62 0.00	75.10 3.24 0.00	75.80 3.12 0.00	65.64 2.54 0.00	53.45 2.01 0.00	52.46 2.01 0.00	48.99 1.70 0.00	39.67 1.50 0.00
SWANROAD_115KV_TB1 355699	28.76 -4.47 0.00	28.50 -4.45 0.00	29.25 -4.49 0.00	28.96 -4.46 0.00	29.11 -4.11 0.00	30.33 -4.18 0.00	41.11 -5.67 0.00	53.90 -7.64 0.00	48.13 -6.23 0.00	29.15 -2.94 0.00	25.42 -2.91 0.00	25.27 -2.90 0.00	24.46 -3.42 0.00	26.54 -4.00 0.00	26.24 -4.71 2.79	31.53 -5.23 4.44	48.57 -6.59 0.00	62.88 -8.98 0.00	64.33 -8.35 0.00	55.76 -7.33 0.00	45.48 -5.95 0.00	40.50 -5.41 4.54	37.17 -4.67 5.46	34.72 -3.45 0.00
SYNERGY___BIOGAS 323694	30.53 -2.70 0.00	30.22 -2.73 0.00	31.00 -2.74 0.00	30.72 -2.70 0.00	30.84 -2.38 0.00	32.23 -2.28 0.00	43.88 -2.90 0.00	57.62 -3.93 0.00	51.03 -3.33 0.00	30.43 -1.66 0.00	26.48 -1.85 0.00	26.34 -1.83 0.00	25.53 -2.35 0.00	27.73 -2.81 0.00	28.06 -3.32 2.35	34.20 -3.25 3.74	51.80 -3.36 0.00	67.45 -4.40 0.00	68.86 -3.81 0.00	59.61 -3.49 0.00	48.51 -2.93 0.00	43.97 -2.68 3.81	40.40 -2.31 4.58	36.47 -1.71 0.00
SYRACUSE___ENERGY_ST1 323597	32.58 -0.64 0.00	32.34 -0.62 0.00	33.09 -0.65 0.00	32.81 -0.61 0.00	32.64 -0.58 0.00	33.99 -0.51 0.00	46.15 -0.63 0.00	60.66 -0.89 0.00	53.41 -0.95 0.00	31.56 -0.53 0.00	27.80 -0.53 0.00	27.63 -0.54 0.00	27.30 -0.57 0.00	29.89 -0.65 0.00	32.94 -0.80 0.00	40.38 -0.81 0.00	54.24 -0.91 0.00	70.74 -1.12 0.00	71.59 -1.09 0.00	62.15 -0.95 0.00	50.60 -0.84 0.00	49.63 -0.82 0.00	46.46 -0.84 0.00	37.50 -0.68 0.00
SYRACUSE___ENERGY_ST2 323598	32.58 -0.64 0.00	32.34 -0.62 0.00	33.09 -0.65 0.00	32.81 -0.61 0.00	32.64 -0.58 0.00	33.99 -0.51 0.00	46.15 -0.63 0.00	60.66 -0.89 0.00	53.41 -0.95 0.00	31.56 -0.53 0.00	27.80 -0.53 0.00	27.63 -0.54 0.00	27.30 -0.57 0.00	29.89 -0.65 0.00	32.94 -0.80 0.00	40.38 -0.81 0.00	54.24 -0.91 0.00	70.74 -1.12 0.00	71.59 -1.09 0.00	62.15 -0.95 0.00	50.60 -0.84 0.00	49.63 -0.82 0.00	46.46 -0.84 0.00	37.50 -0.68 0.00
SYRACUSE___POWER 24017	32.62 -0.61 0.00	32.36 -0.59 0.00	33.14 -0.61 0.00	32.84 -0.58 0.00	32.67 -0.56 0.00	34.02 -0.48 0.00	46.19 -0.59 0.00	60.73 -0.81 0.00	53.51 -0.85 0.00	31.62 -0.48 0.00	27.84 -0.50 0.00	27.66 -0.51 0.00	27.33 -0.55 0.00	29.91 -0.63 0.00	33.62 -0.78 -0.66	41.50 -0.75 -1.05	54.30 -0.86 0.00	70.80 -1.06 0.00	71.67 -1.01 0.00	62.25 -0.85 0.00	50.65 -0.78 0.00	50.73 -0.78 -1.05	47.78 -0.79 -1.27	37.53 -0.64 0.00
TALLMAN__138KV_BK151 55660	35.35 2.13 0.00	34.98 2.03 0.00	35.65 1.91 0.00	35.39 1.97 0.00	35.11 1.89 0.00	36.72 2.21 0.00	49.81 3.03 0.00	65.67 4.12 0.00	58.27 3.92 0.00	34.48 2.39 0.00	30.28 1.94 0.00	29.94 1.78 0.00	29.66 1.78 0.00	32.58 2.05 0.00	35.91 2.17 0.00	43.77 2.58 0.00	58.05 2.89 0.00	75.44 3.59 0.00	76.12 3.45 0.00	65.86 2.76 0.00	53.62 2.18 0.00	52.62 2.17 0.00	49.12 1.82 0.00	39.78 1.61 0.00
TEALLAVE_115KV_TB7 355573	32.39 -0.84 0.00	32.14 -0.81 0.00	32.91 -0.83 0.00	32.61 -0.81 0.00	32.44 -0.78 0.00	33.77 -0.73 0.00	45.84 -0.94 0.00	60.26 -1.29 0.00	53.15 -1.21 0.00	31.42 -0.67 0.00	27.68 -0.65 0.00	27.50 -0.67 0.00	27.18 -0.70 0.00	29.73 -0.80 0.00	32.78 -0.96 0.00	40.20 -0.99 0.00	53.95 -1.21 0.00	70.28 -1.58 0.00	71.13 -1.55 0.00	61.77 -1.33 0.00	50.29 -1.15 0.00	49.33 -1.13 0.00	46.20 -1.09 0.00	37.28 -0.90 0.00
TELGRAPH_34_KV_EAST 80808	29.63 -3.59 0.00	29.36 -3.59 0.00	30.12 -3.62 0.00	29.84 -3.58 0.00	29.97 -3.25 0.00	31.27 -3.23 0.00	42.48 -4.30 0.00	55.76 -5.78 0.00	49.60 -4.76 0.00	29.85 -2.25 0.00	26.00 -2.34 0.00	25.86 -2.31 0.00	25.06 -2.82 0.00	27.19 -3.35 0.00	27.22 -3.96 2.56	32.91 -4.21 4.07	50.13 -5.03 0.00	65.13 -6.72 0.00	66.58 -6.10 0.00	57.66 -5.44 0.00	46.98 -4.45 0.00	42.26 -4.04 4.15	38.81 -3.49 5.00	35.59 -2.59 0.00
TEMPLE___115KV_TB 2 55572	32.40 -0.82 0.00	32.15 -0.81 0.00	32.92 -0.82 0.00	32.62 -0.79 0.00	32.45 -0.77 0.00	33.78 -0.72 0.00	45.86 -0.92 0.00	60.30 -1.25 0.00	53.18 -1.18 0.00	31.45 -0.64 0.00	27.71 -0.63 0.00	27.52 -0.64 0.00	27.19 -0.69 0.00	29.75 -0.78 0.00	32.81 -0.93 0.00	40.24 -0.96 0.00	53.98 -1.18 0.00	70.30 -1.56 0.00	71.15 -1.53 0.00	61.80 -1.30 0.00	50.30 -1.14 0.00	49.34 -1.11 0.00	46.21 -1.08 0.00	37.28 -0.89 0.00
TIANA____69_KV_BK 1 55817	17.41 1.38 17.20	4.24 1.24 29.95	10.83 1.06 23.97	19.80 1.09 14.71	22.15 1.00 12.07	36.06 1.56 0.00	48.83 2.05 0.00	62.45 3.32 2.41	4.96 3.36 52.76	-14.78 1.93 48.80	-7.53 1.80 37.67	-18.38 1.52 48.07	-2.96 1.59 32.42	0.12 1.81 32.23	5.96 1.98 29.75	23.93 2.50 19.77	28.55 2.79 29.40	25.09 3.32 50.09	41.29 2.88 34.27	65.45 2.35 0.00	52.92 1.95 0.47	50.80 1.86 1.51	48.93 1.64 0.00	39.61 1.46 0.03

TILDEN___115KV_TB1 80814	32.62 -0.61 0.00	32.36 -0.59 0.00	33.14 -0.61 0.00	32.84 -0.58 0.00	32.67 -0.56 0.00	34.02 -0.48 0.00	46.19 -0.59 0.00	60.73 -0.81 0.00	53.51 -0.85 0.00	31.62 -0.48 0.00	27.84 -0.50 0.00	27.66 -0.51 0.00	27.33 -0.55 0.00	29.91 -0.63 0.00	33.62 -0.78 -0.66	41.50 -0.75 -1.05	54.30 -0.86 0.00	70.80 -1.06 0.00	71.67 -1.01 0.00	62.25 -0.85 0.00	50.65 -0.78 0.00	50.73 -0.78 -1.05	47.78 -0.79 -1.27	37.53 -0.64 0.00
TRIGEN___CC 323695	35.48 2.25 0.00	35.07 2.12 0.00	35.73 1.98 0.00	35.45 2.03 0.00	35.13 1.91 0.00	36.81 2.30 0.00	49.74 2.96 0.00	65.82 4.28 0.00	58.63 4.27 0.00	34.61 2.52 0.00	30.59 2.25 0.00	30.22 2.06 0.00	29.95 2.08 0.00	32.89 2.35 0.00	36.30 2.56 0.00	44.30 3.10 0.00	62.15 3.48 -3.52	76.02 4.16 0.00	76.54 3.86 0.00	66.29 3.19 0.00	54.08 2.64 0.00	53.00 2.54 0.00	49.46 2.16 0.00	40.14 1.97 0.00
TRINITY___115KV___4 BK 55933	34.37 1.15 0.00	34.07 1.12 0.00	34.81 1.08 0.00	34.44 1.02 0.00	34.00 0.78 0.00	35.33 0.83 0.00	47.60 0.82 0.00	62.50 0.95 0.00	54.51 0.15 0.00	32.30 0.21 0.00	28.56 0.23 0.00	28.36 0.20 0.00	28.24 0.36 0.00	30.99 0.46 0.00	34.67 0.93 0.00	42.12 0.93 0.00	55.98 0.82 0.00	72.73 0.88 0.00	73.36 0.68 0.00	64.05 0.96 0.00	52.26 0.82 0.00	51.14 0.69 0.00	47.94 0.65 0.00	38.60 0.43 0.00
UNION___PROCESSING_DRP 323587	31.03 -2.20 0.00	30.75 -2.20 0.00	31.51 -2.23 0.00	31.23 -2.19 0.00	31.23 -1.99 0.00	32.56 -1.95 0.00	44.25 -2.53 0.00	58.16 -3.39 0.00	51.54 -2.81 0.00	30.80 -1.30 0.00	26.98 -1.36 0.00	26.78 -1.38 0.00	26.20 -1.67 0.00	28.55 -1.99 0.00	29.70 -2.38 1.66	36.10 -2.45 2.65	52.33 -2.83 0.00	68.13 -3.72 0.00	69.33 -3.35 0.00	60.07 -3.03 0.00	48.89 -2.55 0.00	45.38 -2.41 2.66	41.92 -2.17 3.21	36.52 -1.66 0.00
UPPER HUDSON___HYD 24058	34.64 1.41 0.00	34.25 1.30 0.00	35.02 1.28 0.00	34.66 1.24 0.00	34.47 1.25 0.00	35.94 1.43 0.00	48.34 1.56 0.00	63.62 2.08 0.00	55.82 1.46 0.00	32.71 0.62 0.00	28.72 0.39 0.00	28.53 0.37 0.00	28.62 0.74 0.00	31.32 0.79 0.00	34.75 1.01 0.00	42.46 1.27 0.00	56.86 1.70 0.00	74.16 2.31 0.00	74.90 2.22 0.00	65.38 2.29 0.00	53.20 1.76 0.00	51.94 1.49 0.00	48.94 1.64 0.00	39.48 1.31 0.00
UPPER RAQUET___HYD 24056	33.86 0.63 0.00	33.54 0.59 0.00	34.40 0.66 0.00	34.02 0.61 0.00	33.94 0.72 0.00	35.24 0.74 0.00	47.97 1.19 0.00	63.10 1.55 0.00	55.38 1.02 0.00	32.41 0.32 0.00	28.54 0.21 0.00	28.31 0.14 0.00	27.96 0.08 0.00	30.65 0.11 0.00	34.01 0.27 0.00	41.73 0.53 0.00	56.16 1.01 0.00	73.36 1.50 0.00	74.37 1.70 0.00	64.35 1.25 0.00	52.51 1.07 0.00	51.75 1.30 0.00	48.86 1.56 0.00	39.38 1.20 0.00
VALLEY44_115KV_TB2 355964	30.70 -2.53 0.00	30.47 -2.48 0.00	31.24 -2.51 0.00	31.02 -2.40 0.00	31.08 -2.14 0.00	32.49 -2.02 0.00	44.38 -2.40 0.00	58.56 -2.99 0.00	52.00 -2.36 0.00	31.30 -0.80 0.00	27.09 -1.25 0.00	26.80 -1.37 0.00	26.02 -1.86 0.00	28.36 -2.17 0.00	27.25 -2.78 3.71	32.20 -3.09 5.90	51.38 -3.78 0.00	66.69 -5.17 0.00	68.20 -4.48 0.00	58.92 -4.17 0.00	47.72 -3.72 0.00	40.46 -3.36 6.63	36.24 -3.07 7.98	35.95 -2.22 0.00
VALLEY___115KV_TB 1-4 80826	34.45 1.22 0.00	34.17 1.22 0.00	34.88 1.14 0.00	34.51 1.09 0.00	34.29 1.07 0.00	35.81 1.30 0.00	48.36 1.58 0.00	63.34 1.79 0.00	55.23 0.87 0.00	32.38 0.28 0.00	28.50 0.17 0.00	28.39 0.22 0.00	28.18 0.30 0.00	30.90 0.37 0.00	34.27 0.53 0.00	41.92 0.73 0.00	56.74 1.59 0.00	74.13 2.27 0.00	74.83 2.16 0.00	65.15 2.05 0.00	53.02 1.58 0.00	51.89 1.44 0.00	48.56 1.26 0.00	39.25 1.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.54 1.31 0.00	34.30 1.35 0.00	35.11 1.37 0.00	34.81 1.39 0.00	34.67 1.45 0.00	36.01 1.51 0.00	48.93 2.15 0.00	64.37 2.82 0.00	56.86 2.50 0.00	33.66 1.56 0.00	29.63 1.29 0.00	29.35 1.18 0.00	29.00 1.12 0.00	31.73 1.20 0.00	35.00 1.26 0.00	42.91 1.71 0.00	57.41 2.25 0.00	74.60 2.74 0.00	75.43 2.76 0.00	65.51 2.42 0.00	53.36 1.92 0.00	52.31 1.86 0.00	48.97 1.68 0.00	39.55 1.38 0.00
VISCHER___FERRY HYD 24020	34.58 1.35 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.66 1.24 0.00	34.38 1.16 0.00	35.76 1.26 0.00	48.08 1.30 0.00	63.24 1.69 0.00	55.51 1.15 0.00	32.73 0.64 0.00	28.83 0.49 0.00	28.61 0.44 0.00	28.53 0.65 0.00	31.30 0.76 0.00	34.90 1.15 0.00	42.39 1.19 0.00	56.39 1.24 0.00	73.36 1.50 0.00	73.98 1.30 0.00	64.59 1.50 0.00	52.65 1.22 0.00	51.48 1.02 0.00	48.34 1.04 0.00	38.97 0.80 0.00
V_A_10_SYNC_DSASP 323832	29.89 -3.34 0.00	29.63 -3.32 0.00	30.39 -3.35 0.00	30.12 -3.30 0.00	30.18 -3.04 0.00	31.44 -3.07 0.00	42.67 -4.11 0.00	56.02 -5.53 0.00	49.90 -4.46 0.00	30.06 -2.03 0.00	26.26 -2.07 0.00	26.07 -2.10 0.00	25.36 -2.52 0.00	27.57 -2.97 0.00	33.78 -3.56 2.21	50.33 -3.91 3.51	65.40 -4.82 0.00	65.40 -6.46 0.00	66.73 -5.94 0.00	57.80 -5.30 0.00	47.09 -4.35 0.00	42.87 -4.02 3.57	39.46 -3.54 4.29	35.52 -2.66 0.00
V_CMM_10_SYNC_DSASP 323787	33.55 0.33 0.00	33.24 0.29 0.00	34.09 0.35 0.00	33.74 0.32 0.00	33.63 0.41 0.00	34.88 0.37 0.00	47.38 0.60 0.00	62.37 0.82 0.00	55.06 0.70 0.00	32.40 0.31 0.00	28.55 0.21 0.00	28.35 0.19 0.00	27.99 0.11 0.00	30.67 0.13 0.00	33.98 0.24 0.00	41.50 0.30 0.00	55.85 0.69 0.00	72.99 1.13 0.00	73.92 1.25 0.00	63.91 0.81 0.00	52.11 0.68 0.00	51.15 0.70 0.00	48.07 0.77 0.00	38.77 0.59 0.00
V_CMP_10_SYNC_DSASP 323788	32.66 -0.57 0.00	32.37 -0.58 0.00	33.25 -0.49 0.00	32.90 -0.52 0.00	32.84 -0.38 0.00	34.14 -0.36 0.00	46.38 -0.40 0.00	61.11 -0.44 0.00	53.99 -0.37 0.00	31.80 -0.29 0.00	28.04 -0.30 0.00	27.78 -0.39 0.00	27.42 -0.46 0.00	29.95 -0.59 0.00	33.20 -0.54 0.00	40.64 -0.56 0.00	55.03 -0.12 0.00	72.25 0.39 0.00	73.37 0.69 0.00	63.46 0.36 0.00	51.78 0.35 0.00	50.87 0.41 0.00	47.94 0.65 0.00	38.73 0.55 0.00
V_D_10_SYNC_DSASP 323841	33.84 0.61 0.00	33.52 0.57 0.00	34.39 0.65 0.00	34.02 0.60 0.00	33.92 0.70 0.00	35.19 0.69 0.00	47.83 1.05 0.00	62.94 1.39 0.00	55.49 1.13 0.00	32.63 0.54 0.00	28.74 0.41 0.00	28.53 0.36 0.00	28.17 0.29 0.00	30.87 0.34 0.00	34.21 0.47 0.00	41.83 0.64 0.00	56.29 1.14 0.00	73.57 1.72 0.00	74.55 1.87 0.00	64.43 1.33 0.00	52.55 1.11 0.00	51.59 1.14 0.00	48.52 1.23 0.00	39.13 0.96 0.00
V_E_10_SYNC_DSASP 323830	33.47 0.25 0.00	33.28 0.32 0.00	34.05 0.31 0.00	33.78 0.36 0.00	33.71 0.49 0.00	35.26 0.76 0.00	48.29 1.51 0.00	63.51 1.96 0.00	55.36 1.00 0.00	32.38 0.29 0.00	28.28 -0.05 0.00	27.78 -0.39 0.00	27.35 -0.53 0.00	29.87 -0.67 0.00	36.47 -0.81 -3.54	46.05 -0.78 -5.64	55.27 0.11 0.00	73.81 1.96 0.00	75.01 2.33 0.00	65.36 2.26 0.00	52.59 1.15 0.00	57.34 1.22 -5.67	55.57 1.46 -6.82	39.27 1.10 0.00

V_F_30_NSYNC___DSASP 323816	34.82 1.59 0.00	34.50 1.54 0.00	35.25 1.51 0.00	34.91 1.49 0.00	34.67 1.45 0.00	36.13 1.62 0.00	48.70 1.92 0.00	64.01 2.47 0.00	56.18 1.82 0.00	33.04 0.95 0.00	29.07 0.73 0.00	28.87 0.70 0.00	28.78 0.91 0.00	31.56 1.03 0.00	35.06 1.32 0.00	42.82 1.62 0.00	57.22 2.06 0.00	74.48 2.62 0.00	75.17 2.49 0.00	65.56 2.46 0.00	53.39 1.95 0.00	52.19 1.74 0.00	49.01 1.71 0.00	39.52 1.35 0.00
V_F_30_SYNC_DSASP 323786	34.56 1.33 0.00	34.26 1.31 0.00	35.00 1.26 0.00	34.61 1.19 0.00	34.18 0.96 0.00	35.55 1.04 0.00	47.92 1.13 0.00	62.91 1.36 0.00	54.83 0.47 0.00	32.48 0.39 0.00	28.73 0.39 0.00	28.53 0.36 0.00	28.39 0.51 0.00	31.17 0.63 0.00	34.84 1.10 0.00	42.35 1.15 0.00	56.29 1.13 0.00	73.13 1.27 0.00	73.73 1.06 0.00	64.37 1.27 0.00	52.51 1.08 0.00	51.38 0.93 0.00	48.14 0.84 0.00	38.75 0.58 0.00
V_XM_10_SYNC_DSASP 323789	32.66 -0.57 0.00	32.37 -0.58 0.00	33.25 -0.49 0.00	32.90 -0.52 0.00	32.84 -0.38 0.00	34.14 -0.36 0.00	46.38 -0.40 0.00	61.11 -0.44 0.00	53.99 -0.37 0.00	31.80 -0.29 0.00	28.04 -0.30 0.00	27.78 -0.39 0.00	27.42 -0.46 0.00	29.95 -0.59 0.00	33.20 -0.54 0.00	40.64 -0.56 0.00	55.03 -0.12 0.00	72.25 0.39 0.00	73.37 0.69 0.00	63.46 0.36 0.00	51.78 0.35 0.00	50.87 0.41 0.00	47.94 0.65 0.00	38.73 0.55 0.00
W.BABYLN_69_KV_BK1 56697	35.60 2.38 0.00	35.08 2.22 0.09	35.48 2.10 0.37	34.42 2.21 1.22	34.28 2.06 1.00	37.01 2.51 0.00	50.06 3.28 0.00	66.35 4.80 0.00	58.94 4.58 0.00	34.72 2.63 0.00	30.69 2.36 0.00	30.29 2.13 0.00	30.04 2.16 0.00	32.99 2.45 0.00	36.47 2.73 0.00	44.63 3.43 0.00	61.52 4.11 -2.25	76.90 5.04 0.00	77.43 4.75 0.00	67.00 3.90 0.00	54.58 3.18 0.04	53.32 2.99 0.13	49.81 2.51 0.00	40.43 2.26 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.50 2.28 0.00	35.12 2.17 0.00	35.80 2.06 0.00	35.53 2.11 0.00	35.26 2.04 0.00	36.87 2.36 0.00	50.04 3.26 0.00	65.96 4.41 0.00	58.56 4.20 0.00	34.65 2.56 0.00	30.44 2.10 0.00	30.10 1.93 0.00	29.82 1.94 0.00	32.75 2.22 0.00	36.10 2.36 0.00	44.03 2.83 0.00	58.38 3.23 0.00	75.89 4.03 0.00	76.56 3.88 0.00	66.23 3.13 0.00	53.92 2.48 0.00	52.91 2.46 0.00	49.38 2.08 0.00	39.99 1.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.69 2.46 0.00	35.29 2.34 0.00	35.96 2.22 0.00	35.67 2.25 0.00	35.40 2.18 0.00	37.02 2.52 0.00	50.14 3.36 0.00	66.18 4.63 0.00	58.90 4.54 0.00	34.96 2.87 0.00	30.74 2.40 0.00	30.41 2.25 0.00	30.12 2.24 0.00	33.07 2.54 0.00	36.40 2.66 0.00	44.34 3.15 0.00	58.69 3.53 0.00	76.10 4.25 0.00	76.68 4.00 0.00	66.30 3.21 0.00	53.96 2.52 0.00	53.00 2.54 0.00	49.51 2.21 0.00	40.13 1.96 0.00
W50THST__13_KV_LOAD 356117	35.87 2.64 0.00	35.47 2.52 0.00	36.14 2.40 0.00	35.85 2.43 0.00	35.58 2.36 0.00	37.23 2.72 0.00	50.39 3.61 0.00	66.50 4.95 0.00	59.21 4.85 0.00	35.19 3.10 0.00	30.95 2.62 0.00	30.63 2.46 0.00	30.33 2.45 0.00	33.31 2.77 0.00	36.64 2.91 0.00	44.66 3.46 0.00	59.08 3.92 0.00	76.55 4.69 0.00	77.11 4.43 0.00	66.62 3.52 0.00	54.19 2.76 0.00	53.22 2.77 0.00	49.73 2.43 0.00	40.33 2.15 0.00
WADING RIVER_IC_1 23522	23.62 1.28 10.88	14.72 1.13 19.36	17.90 0.95 16.80	19.64 0.99 14.77	21.96 0.85 12.11	35.84 1.34 0.00	48.46 1.68 0.00	62.78 2.76 1.53	23.89 2.92 33.39	2.93 1.71 30.88	6.21 1.71 23.83	-0.75 1.50 30.41	8.93 1.56 20.51	11.92 1.77 20.39	16.86 1.94 18.83	31.07 2.39 12.51	39.85 2.58 17.88	42.93 2.76 31.69	53.34 2.35 21.69	64.77 1.67 0.00	52.36 1.39 0.47	50.20 1.26 1.52	48.31 1.02 0.00	39.23 1.08 0.03
WADING RIVER_IC_2 23547	23.62 1.28 10.88	14.72 1.13 19.36	17.90 0.95 16.80	19.64 0.99 14.77	21.96 0.85 12.11	35.84 1.34 0.00	48.46 1.68 0.00	62.78 2.76 1.53	23.89 2.92 33.39	2.93 1.71 30.88	6.21 1.71 23.83	-0.75 1.50 30.41	8.93 1.56 20.51	11.92 1.77 20.39	16.86 1.94 18.83	31.07 2.39 12.51	39.85 2.58 17.88	42.93 2.76 31.69	53.34 2.35 21.69	64.77 1.67 0.00	52.36 1.39 0.47	50.20 1.26 1.52	48.31 1.02 0.00	39.23 1.08 0.03
WADING RIVER_IC_3 23601	23.62 1.28 10.88	14.72 1.13 19.36	17.90 0.95 16.80	19.64 0.99 14.77	21.96 0.85 12.11	35.84 1.34 0.00	48.46 1.68 0.00	62.78 2.76 1.53	23.89 2.92 33.39	2.93 1.71 30.88	6.21 1.71 23.83	-0.75 1.50 30.41	8.93 1.56 20.51	11.92 1.77 20.39	16.86 1.94 18.83	31.07 2.39 12.51	39.85 2.58 17.88	42.93 2.76 31.69	53.34 2.35 21.69	64.77 1.67 0.00	52.36 1.39 0.47	50.20 1.26 1.52	48.31 1.02 0.00	39.23 1.08 0.03
WALDENNY_12_KV_BK2 80841	29.60 -3.63 0.00	29.37 -3.58 0.00	30.12 -3.62 0.00	29.84 -3.58 0.00	30.02 -3.20 0.00	31.31 -3.19 0.00	42.60 -4.18 0.00	55.99 -5.55 0.00	49.89 -4.46 0.00	30.11 -1.98 0.00	26.18 -2.16 0.00	25.98 -2.19 0.00	25.17 -2.71 0.00	27.39 -3.14 0.00	26.65 -3.84 3.24	31.85 -4.20 5.15	50.08 -5.07 0.00	65.00 -6.85 0.00	66.54 -6.13 0.00	57.64 -5.46 0.00	46.93 -4.51 0.00	41.09 -4.03 5.33	37.40 -3.48 6.41	35.60 -2.58 0.00
WALDEN___HYDRO 24148	35.37 2.14 0.00	35.00 2.05 0.00	35.69 1.95 0.00	35.42 2.00 0.00	35.15 1.93 0.00	36.73 2.23 0.00	49.81 3.03 0.00	65.66 4.11 0.00	58.23 3.87 0.00	34.40 2.31 0.00	30.18 1.85 0.00	29.84 1.68 0.00	29.54 1.66 0.00	32.44 1.90 0.00	35.78 2.04 0.00	43.69 2.49 0.00	58.08 2.92 0.00	75.49 3.64 0.00	76.19 3.51 0.00	66.00 2.90 0.00	53.75 2.31 0.00	52.76 2.31 0.00	49.26 1.96 0.00	39.86 1.69 0.00
WARRENSBURG____ 23737	34.63 1.41 0.00	34.25 1.30 0.00	35.02 1.28 0.00	34.66 1.24 0.00	34.46 1.24 0.00	35.94 1.43 0.00	48.34 1.56 0.00	63.63 2.08 0.00	55.82 1.46 0.00	32.71 0.62 0.00	28.72 0.39 0.00	28.53 0.37 0.00	28.62 0.74 0.00	31.32 0.79 0.00	34.75 1.01 0.00	42.46 1.26 0.00	56.86 1.70 0.00	74.17 2.31 0.00	74.90 2.22 0.00	65.38 2.29 0.00	53.20 1.76 0.00	51.95 1.49 0.00	48.94 1.64 0.00	39.48 1.31 0.00
WATERSIDE___6 8 9 23538	35.69 2.46 0.00	35.29 2.34 0.00	35.96 2.22 0.00	35.67 2.26 0.00	35.40 2.18 0.00	37.02 2.52 0.00	50.06 3.28 0.00	66.03 4.48 0.00	58.83 4.48 0.00	34.94 2.85 0.00	30.73 2.39 0.00	30.39 2.22 0.00	30.11 2.23 0.00	33.06 2.52 0.00	36.36 2.62 0.00	44.32 3.13 0.00	58.60 3.45 0.00	75.96 4.10 0.00	76.55 3.88 0.00	66.19 3.09 0.00	53.87 2.43 0.00	52.96 2.51 0.00	49.50 2.21 0.00	40.14 1.97 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.13 0.91 0.00	33.85 0.90 0.00	34.59 0.85 0.00	34.24 0.82 0.00	34.02 0.80 0.00	35.45 0.95 0.00	47.95 1.17 0.00	62.89 1.35 0.00	55.04 0.68 0.00	32.34 0.25 0.00	28.49 0.15 0.00	28.36 0.19 0.00	28.13 0.25 0.00	30.84 0.31 0.00	34.17 0.43 0.00	41.76 0.57 0.00	56.31 1.16 0.00	73.46 1.61 0.00	74.20 1.52 0.00	64.57 1.48 0.00	52.56 1.13 0.00	51.48 1.03 0.00	48.20 0.90 0.00	38.93 0.76 0.00

WDELAWARE___HYD 323627	34.75 1.53 0.00	34.41 1.46 0.00	35.13 1.39 0.00	34.84 1.42 0.00	34.60 1.38 0.00	36.17 1.66 0.00	49.08 2.29 0.00	64.71 3.16 0.00	57.29 2.93 0.00	33.88 1.79 0.00	29.69 1.36 0.00	29.29 1.12 0.00	28.86 0.98 0.00	31.03 0.50 0.00	34.25 0.51 0.00	41.91 0.72 0.00	55.93 0.77 0.00	72.80 0.94 0.00	73.52 0.84 0.00	63.68 0.58 0.00	52.03 0.59 0.00	52.18 1.73 0.00	48.70 1.40 0.00	39.37 1.19 0.00
WEST BABYLON___IC 23714	35.60 2.38 0.00	35.08 2.22 0.09	35.48 2.10 0.37	34.42 2.21 1.22	34.28 2.06 1.00	37.01 2.51 0.00	50.06 3.28 0.00	66.35 4.80 0.00	58.94 4.58 0.00	34.72 2.63 0.00	30.69 2.36 0.00	30.29 2.13 0.00	30.04 2.16 0.00	32.99 2.45 0.00	36.47 2.73 0.00	44.63 3.43 0.00	61.52 4.11 -2.25	76.90 5.04 0.00	77.43 4.75 0.00	67.00 3.90 0.00	54.58 3.18 0.04	53.32 2.99 0.13	49.81 2.51 0.00	40.43 2.26 0.00
WEST CANADA___HYD 24049	33.36 0.13 0.00	33.09 0.14 0.00	33.88 0.14 0.00	33.55 0.13 0.00	33.33 0.11 0.00	34.66 0.16 0.00	46.96 0.18 0.00	61.76 0.22 0.00	54.50 0.14 0.00	32.15 0.06 0.00	28.36 0.02 0.00	28.18 0.02 0.00	27.93 0.05 0.00	30.60 0.06 0.00	33.81 0.07 0.00	41.29 0.09 0.00	55.26 0.11 0.00	71.92 0.07 0.00	72.71 0.03 0.00	63.22 0.12 0.00	51.54 0.10 0.00	50.52 0.06 0.00	47.35 0.05 0.00	38.22 0.05 0.00
WESTERN_NY_WIND 24143	30.45 -2.78 0.00	30.16 -2.79 0.00	30.93 -2.81 0.00	30.65 -2.77 0.00	30.77 -2.45 0.00	32.15 -2.35 0.00	43.78 -3.00 0.00	57.49 -4.06 0.00	50.90 -3.46 0.00	30.38 -1.72 0.00	26.43 -1.90 0.00	26.29 -1.88 0.00	25.48 -2.40 0.00	27.67 -2.87 0.00	27.93 -3.39 2.42	34.01 -3.34 3.85	51.67 -3.49 0.00	67.28 -4.58 0.00	68.69 -3.99 0.00	59.47 -3.63 0.00	48.38 -3.06 0.00	43.76 -2.78 3.91	40.18 -2.41 4.71	36.40 -1.77 0.00
WESTOVER___LESR 323668	33.00 -0.23 0.00	32.77 -0.19 0.00	33.54 -0.20 0.00	33.23 -0.19 0.00	33.09 -0.13 0.00	34.47 -0.04 0.00	46.81 0.03 0.00	61.62 0.07 0.00	54.35 -0.01 0.00	32.30 0.21 0.00	28.29 -0.05 0.00	28.05 -0.12 0.00	27.64 -0.24 0.00	30.26 -0.28 0.00	32.54 -0.52 0.68	39.61 -0.49 1.09	54.66 -0.50 0.00	71.21 -0.65 0.00	72.17 -0.51 0.00	62.64 -0.46 0.00	50.91 -0.53 0.00	48.90 -0.50 1.06	45.53 -0.50 1.27	37.87 -0.31 0.00
WETHRSFD_WT_PWR 323626	29.25 -3.97 0.00	29.06 -3.90 0.00	29.82 -3.92 0.00	29.55 -3.87 0.00	29.77 -3.45 0.00	31.16 -3.35 0.00	42.43 -4.35 0.00	55.86 -5.69 0.00	49.45 -4.91 0.00	29.52 -2.58 0.00	25.36 -2.98 0.00	25.04 -3.13 0.00	24.28 -3.60 0.00	26.54 -3.99 0.00	23.81 -4.87 5.06	27.86 -5.37 7.96	48.86 -6.30 0.00	63.83 -8.03 0.00	65.43 -7.25 0.00	57.02 -6.08 0.00	46.38 -5.06 0.00	38.22 -4.47 7.76	34.13 -3.82 9.34	35.44 -2.73 0.00
WHAVSTOR_138KV_BK127 55557	35.33 2.11 0.00	34.95 2.00 0.00	35.63 1.89 0.00	35.36 1.94 0.00	35.08 1.86 0.00	36.68 2.18 0.00	49.75 2.97 0.00	65.58 4.03 0.00	58.22 3.86 0.00	34.45 2.36 0.00	30.27 1.93 0.00	29.93 1.76 0.00	29.65 1.77 0.00	32.57 2.03 0.00	35.88 2.14 0.00	43.75 2.55 0.00	57.99 2.83 0.00	75.35 3.49 0.00	76.03 3.35 0.00	65.78 2.69 0.00	53.56 2.13 0.00	52.58 2.12 0.00	49.09 1.80 0.00	39.78 1.61 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.33 2.11 0.00	34.95 2.00 0.00	35.63 1.89 0.00	35.36 1.94 0.00	35.08 1.86 0.00	36.68 2.18 0.00	49.75 2.97 0.00	65.58 4.03 0.00	58.22 3.86 0.00	34.45 2.36 0.00	30.27 1.93 0.00	29.93 1.76 0.00	29.65 1.77 0.00	32.57 2.03 0.00	35.88 2.14 0.00	43.75 2.55 0.00	57.99 2.83 0.00	75.35 3.49 0.00	76.03 3.35 0.00	65.78 2.69 0.00	53.56 2.13 0.00	52.58 2.12 0.00	49.09 1.80 0.00	39.78 1.61 0.00
WHITEHAL_115KV_TB1 80871	35.44 2.22 0.00	34.97 2.02 0.00	35.63 1.89 0.00	35.21 1.79 0.00	35.12 1.90 0.00	36.68 2.17 0.00	49.20 2.41 0.00	64.98 3.44 0.00	56.84 2.48 0.00	33.38 1.29 0.00	29.02 0.69 0.00	28.85 0.68 0.00	29.53 1.65 0.00	32.16 1.62 0.00	35.41 1.67 0.00	43.00 1.81 0.00	57.87 2.71 0.00	75.77 3.91 0.00	76.64 3.96 0.00	67.34 4.24 0.00	54.33 2.90 0.00	52.94 2.48 0.00	50.43 3.13 0.00	40.76 2.59 0.00
WHITEPLN_13_KV_LOAD 356215	35.67 2.44 0.00	35.28 2.33 0.00	35.96 2.22 0.00	35.68 2.26 0.00	35.40 2.18 0.00	37.07 2.56 0.00	50.23 3.45 0.00	66.27 4.73 0.00	58.88 4.52 0.00	34.87 2.78 0.00	30.64 2.31 0.00	30.30 2.14 0.00	30.02 2.14 0.00	32.96 2.43 0.00	36.32 2.58 0.00	44.30 3.11 0.00	58.76 3.61 0.00	76.34 4.48 0.00	76.96 4.28 0.00	66.62 3.52 0.00	54.20 2.77 0.00	53.20 2.74 0.00	49.65 2.36 0.00	40.21 2.04 0.00
WM_FLOYD_69_KV_BK2 356380	4.89 1.67 30.00	-16.95 1.51 51.41	-3.42 1.35 38.51	20.23 1.38 14.57	22.51 1.23 11.95	36.24 1.74 0.00	48.99 2.21 0.00	60.79 3.45 4.21	-34.17 3.52 92.05	-51.01 2.04 85.14	-35.45 1.93 65.71	-53.97 1.71 83.85	-26.93 1.75 56.56	-23.69 1.99 56.22	-15.99 2.18 51.91	9.43 2.73 34.49	5.48 3.06 52.74	-11.97 3.55 87.38	16.02 3.14 59.80	65.41 2.31 0.00	52.89 1.92 0.46	50.71 1.76 1.50	48.76 1.47 0.00	39.59 1.44 0.03
WOODARD___115KV_TB2 355635	32.37 -0.86 0.00	32.11 -0.84 0.00	32.88 -0.86 0.00	32.58 -0.84 0.00	32.41 -0.81 0.00	33.73 -0.77 0.00	45.78 -1.01 0.00	60.20 -1.35 0.00	53.08 -1.28 0.00	31.39 -0.71 0.00	27.66 -0.68 0.00	27.47 -0.70 0.00	27.16 -0.72 0.00	29.71 -0.83 0.00	32.75 -0.99 0.00	40.16 -1.04 0.00	53.88 -1.28 0.00	70.18 -1.68 0.00	71.04 -1.64 0.00	61.71 -1.39 0.00	50.24 -1.20 0.00	49.29 -1.17 0.00	46.16 -1.13 0.00	37.24 -0.93 0.00
WOODMERE_69_KV_BK1 55827	35.80 2.57 0.00	35.38 2.42 0.00	36.03 2.28 0.00	35.74 2.32 0.00	35.43 2.22 0.00	37.14 2.63 0.00	50.18 3.40 0.00	66.39 4.84 0.00	59.10 4.74 0.00	34.88 2.79 0.00	30.86 2.52 0.00	30.50 2.33 0.00	30.22 2.35 0.00	33.19 2.65 0.00	36.64 2.90 0.00	44.72 3.53 0.00	62.44 4.07 -3.21	76.84 4.98 0.00	77.37 4.69 0.00	67.02 3.92 0.00	54.70 3.27 0.00	53.58 3.13 0.00	49.97 2.67 0.00	40.55 2.37 0.00
YORK___WARBASSE 23770	35.81 2.58 0.00	35.41 2.46 0.00	36.08 2.34 0.00	35.82 2.40 0.00	35.53 2.31 0.00	37.16 2.65 0.00	50.24 3.46 0.00	66.25 4.70 0.00	59.04 4.68 0.00	35.04 2.94 0.00	30.79 2.45 0.00	30.46 2.29 0.00	30.17 2.29 0.00	33.13 2.60 0.00	36.45 2.71 0.00	44.44 3.24 0.00	58.71 3.55 0.00	76.08 4.22 0.00	76.74 4.06 0.00	66.41 3.31 0.00	54.06 2.62 0.00	53.19 2.74 0.00	49.73 2.43 0.00	40.31 2.14 0.00