

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/08/2026

Name	00:00	01:00	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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1 24138	40.67 2.84 0.00	37.45 2.38 0.00	36.37 1.96 0.00	31.88 1.92 0.00	32.51 2.07 0.00	35.81 2.28 0.00	39.18 2.63 0.00	39.76 2.81 0.00	39.76 2.85 0.00	38.89 3.01 0.00	34.88 2.64 0.00	31.94 2.48 0.00	28.73 2.30 0.00	25.29 2.11 0.00	24.07 1.99 0.00	30.26 2.42 0.00	36.70 2.88 0.00	52.73 3.82 0.00	57.87 3.94 0.00	52.83 3.59 0.00	43.54 3.04 0.00	38.94 2.48 0.00	34.88 2.10 0.00
74TH STREET_GT_1 24260	40.67 2.84 0.00	37.45 2.38 0.00	36.37 1.96 0.00	31.88 1.92 0.00	32.51 2.07 0.00	35.81 2.28 0.00	39.14 2.59 0.00	39.73 2.77 0.00	39.35 2.85 0.00	38.85 2.98 0.00	34.88 2.64 0.00	31.91 2.45 0.00	28.71 2.27 0.00	25.29 2.11 0.00	24.07 1.99 0.00	30.23 2.39 0.00	36.70 2.88 0.00	52.73 3.82 0.00	57.87 3.94 0.00	52.83 3.59 0.00	43.50 3.00 0.00	38.94 2.48 0.00	34.88 2.10 0.00
74TH STREET_GT_2 24261	40.67 2.84 0.00	37.45 2.38 0.00	36.37 1.96 0.00	31.88 1.92 0.00	32.51 2.07 0.00	35.81 2.28 0.00	39.14 2.59 0.00	39.73 2.77 0.00	39.35 2.85 0.00	38.85 2.98 0.00	34.88 2.64 0.00	31.91 2.45 0.00	28.71 2.27 0.00	25.29 2.11 0.00	24.07 1.99 0.00	30.23 2.39 0.00	36.70 2.88 0.00	52.73 3.82 0.00	57.87 3.94 0.00	52.83 3.59 0.00	43.50 3.00 0.00	38.94 2.48 0.00	34.88 2.10 0.00
ADK HUDSON__FALLS 24011	39.65 1.82 0.00	36.68 1.61 0.00	35.85 1.45 0.00	31.31 1.35 0.00	31.96 1.52 0.00	35.34 1.81 0.00	38.52 1.97 0.00	38.88 1.92 0.00	38.54 2.04 0.00	37.78 1.90 0.00	33.81 1.58 0.00	30.82 1.36 0.00	27.46 1.03 0.00	24.01 0.83 0.00	22.88 0.80 0.00	28.95 1.11 0.00	35.42 1.59 0.00	51.51 2.59 0.00	56.95 3.02 0.00	51.75 2.51 0.00	42.40 1.90 0.00	38.03 1.57 0.00	34.13 1.34 0.00
ADK RESOURCE__RCVRY 23798	39.72 1.89 0.00	36.75 1.68 0.00	35.89 1.48 0.00	31.40 1.44 0.00	32.08 1.64 0.00	35.47 1.94 0.00	38.63 2.08 0.00	38.99 2.03 0.00	38.69 2.19 0.00	37.85 1.97 0.00	33.91 1.68 0.00	31.50 2.03 0.00	28.07 1.64 0.00	24.54 1.37 0.00	23.41 1.32 0.00	29.62 1.78 0.00	35.52 1.69 0.00	51.70 2.79 0.00	57.22 3.29 0.00	51.99 2.76 0.00	42.56 2.06 0.00	38.14 1.68 0.00	34.20 1.41 0.00
ADK S GLENS__FALLS 24028	39.65 1.82 0.00	36.68 1.61 0.00	35.85 1.45 0.00	31.31 1.35 0.00	31.96 1.52 0.00	35.34 1.81 0.00	38.52 1.97 0.00	38.88 1.92 0.00	38.54 2.04 0.00	37.78 1.90 0.00	33.81 1.58 0.00	30.82 1.36 0.00	27.46 1.03 0.00	24.01 0.83 0.00	22.88 0.80 0.00	28.95 1.11 0.00	35.42 1.59 0.00	51.51 2.59 0.00	56.95 3.02 0.00	51.75 2.51 0.00	42.40 1.90 0.00	38.03 1.57 0.00	34.13 1.34 0.00
ADK_NYS__DAM 23527	39.91 2.08 0.00	36.96 1.89 0.00	36.09 1.69 0.00	31.46 1.50 0.00	32.05 1.61 0.00	35.37 1.84 0.00	38.52 1.97 0.00	38.95 1.99 0.00	38.54 2.04 0.00	37.88 2.01 0.00	34.01 1.77 0.00	31.20 1.74 0.00	27.96 1.53 0.00	24.54 1.37 0.00	23.39 1.30 0.00	29.48 1.64 0.00	35.82 2.00 0.00	51.70 2.79 0.00	56.84 3.29 0.00	51.75 2.51 0.00	42.52 2.02 0.00	38.21 1.75 0.00	34.13 1.34 0.00
AIR_PRODUCTS__DRP 24190	39.42 1.59 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.43 1.48 0.00	38.03 1.53 0.00	37.45 1.58 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.54 1.11 0.00	24.17 1.00 0.00	23.01 0.93 0.00	29.01 1.17 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.93 1.15 0.00
AKWESSNE_115KV_BK 355683	37.75 -0.08 0.00	35.07 0.00 0.00	34.62 0.21 0.00	29.94 -0.03 0.00	30.38 -0.06 0.00	33.49 -0.03 0.00	36.44 -0.11 0.00	36.77 -0.18 0.00	36.35 -0.15 0.00	35.77 -0.11 0.00	32.14 -0.10 0.00	29.38 -0.09 0.00	26.35 -0.08 0.00	23.11 -0.07 0.00	22.00 -0.09 0.00	27.67 -0.17 0.00	33.42 -0.41 0.00	48.48 -0.44 0.00	53.17 -0.75 0.00	48.79 -0.44 0.00	40.09 -0.40 0.00	36.13 -0.33 0.00	32.52 -0.26 0.00
ALBANY_1_SOLAR 323833	39.65 1.82 0.00	36.75 1.68 0.00	35.89 1.48 0.00	31.34 1.38 0.00	31.90 1.46 0.00	35.17 1.64 0.00	38.27 1.72 0.00	38.66 1.70 0.00	38.18 1.68 0.00	37.45 1.58 0.00	33.59 1.35 0.00	30.61 1.15 0.00	27.41 0.98 0.00	23.99 0.81 0.00	22.88 0.79 0.00	28.89 1.06 0.00	35.28 1.45 0.00	51.22 2.30 0.00	56.46 2.54 0.00	51.45 2.22 0.00	42.28 1.78 0.00	37.99 1.53 0.00	34.13 1.34 0.00
ALBANY_2_SOLAR 323834	39.65 1.82 0.00	36.75 1.68 0.00	35.89 1.48 0.00	31.34 1.38 0.00	31.90 1.46 0.00	35.17 1.64 0.00	38.27 1.72 0.00	38.62 1.66 0.00	38.18 1.68 0.00	37.45 1.58 0.00	33.56 1.32 0.00	30.61 1.15 0.00	27.41 0.98 0.00	23.99 0.81 0.00	22.88 0.79 0.00	28.89 1.06 0.00	35.28 1.45 0.00	51.22 2.30 0.00	56.46 2.54 0.00	51.45 2.22 0.00	42.28 1.78 0.00	37.99 1.53 0.00	34.10 1.31 0.00
ALBANY__1 23571	39.42 1.59 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.43 1.48 0.00	38.03 1.53 0.00	37.45 1.58 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.54 1.11 0.00	24.17 1.00 0.00	23.01 0.93 0.00	29.01 1.17 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.93 1.15 0.00

ALBANY__2 23572	39.42 1.59 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.43 1.48 0.00	38.03 1.53 0.00	37.45 1.58 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.54 1.11 0.00	24.17 1.00 0.00	23.01 0.93 0.00	29.01 1.17 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.93 1.15 0.00
ALBANY__3 23573	39.42 1.59 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.43 1.48 0.00	38.03 1.53 0.00	37.45 1.58 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.54 1.11 0.00	24.17 1.00 0.00	23.01 0.93 0.00	29.01 1.17 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.93 1.15 0.00
ALBANY__4 23574	39.42 1.59 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.43 1.48 0.00	38.03 1.53 0.00	37.45 1.58 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.54 1.11 0.00	24.17 1.00 0.00	23.01 0.93 0.00	29.01 1.17 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.93 1.15 0.00
ALBANY__LFG 323615	39.57 1.74 0.00	36.68 1.61 0.00	35.82 1.41 0.00	31.28 1.32 0.00	31.84 1.40 0.00	35.10 1.58 0.00	38.23 1.68 0.00	38.62 1.66 0.00	38.25 1.75 0.00	37.60 1.72 0.00	33.78 1.55 0.00	30.88 1.41 0.00	27.67 1.24 0.00	24.24 1.07 0.00	23.12 1.04 0.00	29.15 1.31 0.00	35.45 1.62 0.00	51.22 2.30 0.00	56.41 2.48 0.00	51.35 2.12 0.00	42.24 1.74 0.00	37.95 1.50 0.00	34.03 1.25 0.00
ALCOA_PA_115KV_PL-6C 55860	37.91 0.08 0.00	35.21 0.14 0.00	34.75 0.34 0.00	30.06 0.09 0.00	30.47 0.03 0.00	33.59 0.07 0.00	36.51 -0.04 0.00	36.85 -0.11 0.00	36.43 -0.07 0.00	35.84 -0.04 0.00	32.20 -0.03 0.00	29.41 -0.06 0.00	26.35 -0.08 0.00	23.13 -0.05 0.00	22.04 -0.04 0.00	27.67 -0.17 0.00	33.49 -0.34 0.00	48.53 -0.39 0.00	53.50 -0.43 0.00	48.89 -0.34 0.00	40.22 -0.28 0.00	36.24 -0.22 0.00	32.62 -0.16 0.00
ALCOA_RYNLDS__DRP 24188	37.91 0.08 0.00	35.21 0.14 0.00	34.75 0.34 0.00	30.06 0.09 0.00	30.47 0.03 0.00	33.59 0.07 0.00	36.51 -0.04 0.00	36.84 -0.11 0.00	36.43 -0.07 0.00	35.84 -0.04 0.00	32.20 -0.03 0.00	29.41 -0.06 0.00	26.38 -0.05 0.00	23.13 -0.05 0.00	22.04 -0.04 0.00	27.73 -0.11 0.00	33.49 -0.34 0.00	48.53 -0.39 0.00	53.50 -0.43 0.00	48.89 -0.34 0.00	40.22 -0.28 0.00	36.24 -0.22 0.00	32.62 -0.16 0.00
ALCOA__DSASP 323711	37.91 0.08 0.00	35.21 0.14 0.00	34.75 0.34 0.00	30.06 0.09 0.00	30.47 0.03 0.00	33.59 0.07 0.00	36.51 -0.04 0.00	36.84 -0.11 0.00	36.43 -0.07 0.00	35.84 -0.04 0.00	32.20 -0.03 0.00	29.41 -0.06 0.00	26.38 -0.05 0.00	23.13 -0.05 0.00	22.04 -0.04 0.00	27.73 -0.11 0.00	33.49 -0.34 0.00	48.53 -0.39 0.00	53.50 -0.43 0.00	48.89 -0.34 0.00	40.22 -0.28 0.00	36.24 -0.22 0.00	32.62 -0.16 0.00
ALLEGHENY__COGEN 23514	36.81 -1.02 0.00	33.94 -1.12 0.00	33.27 -1.13 0.00	29.33 -0.63 0.00	29.77 -0.67 0.00	32.72 -0.80 0.00	35.60 -0.95 0.00	35.55 -1.40 0.00	34.38 -2.12 0.00	33.01 -2.80 0.07	29.10 -2.80 0.33	26.15 -2.68 0.63	22.47 -2.49 1.48	17.73 -2.18 3.27	20.00 -2.03 0.06	25.15 -2.31 0.37	31.59 -2.20 0.04	46.76 -2.25 -0.09	50.53 -1.40 2.00	47.06 -1.18 0.99	39.02 -1.21 0.26	35.51 -0.95 0.00	32.13 -0.66 0.00
ALTMONT_115KV_TB 2 55880	39.04 1.21 0.00	36.15 1.09 0.00	35.37 0.96 0.00	30.86 0.90 0.00	31.38 0.94 0.00	34.57 1.04 0.00	37.68 1.13 0.00	38.10 1.15 0.00	37.63 1.13 0.00	37.06 1.18 0.00	33.27 1.03 0.00	30.41 0.94 0.00	27.28 0.85 0.00	23.92 0.74 0.00	22.77 0.68 0.00	28.70 0.86 0.00	34.94 1.12 0.00	50.48 1.57 0.00	55.60 1.67 0.00	50.71 1.48 0.00	41.71 1.21 0.00	37.48 1.02 0.00	33.64 0.85 0.00
ALTONA_WT_PWR 323606	37.19 -0.64 0.00	34.61 -0.46 0.00	34.55 0.14 0.00	29.55 -0.42 0.00	29.98 -0.46 0.00	32.99 -0.54 0.00	35.82 -0.73 0.00	36.11 -0.85 0.00	35.70 -0.80 0.00	35.30 -0.58 0.00	31.82 -0.42 0.00	29.11 -0.35 0.00	26.14 -0.29 0.00	22.94 -0.23 0.00	21.82 -0.26 0.00	27.36 -0.47 0.00	33.11 -0.71 0.00	47.99 -0.93 0.00	52.79 -1.14 0.00	48.15 -1.08 0.00	39.53 -0.97 0.00	35.55 -0.91 0.00	31.97 -0.82 0.00
AMERICAN_REF_FUEL 24010	32.69 -5.14 0.00	30.19 -4.87 0.00	29.73 -4.68 0.00	26.34 -3.63 0.00	26.69 -3.74 0.00	28.94 -4.59 0.00	31.50 -5.04 0.00	31.97 -4.99 0.00	31.10 -5.40 0.00	30.14 -5.56 0.17	26.37 -4.93 0.94	23.19 -4.45 1.83	18.14 -3.99 4.30	17.40 -3.57 2.21	18.41 -3.53 0.14	23.01 -4.48 0.34	28.32 -5.48 0.03	36.62 -7.78 4.51	39.80 -8.30 5.83	38.72 -7.63 2.89	33.56 -6.20 0.74	30.85 -5.61 0.00	28.62 -4.16 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	32.61 -5.22 0.00	30.12 -4.94 0.00	30.42 -3.99 0.00	26.34 -3.63 0.00	26.85 -3.59 0.00	29.61 -3.92 0.00	32.45 -4.09 0.00	33.00 -3.95 0.00	32.12 -4.38 0.00	30.78 -4.95 0.15	26.84 -4.54 0.85	23.47 -4.33 1.66	18.70 -3.81 3.93	17.17 -3.43 2.58	18.72 -3.25 0.12	23.39 -4.09 0.36	28.89 -4.91 0.03	37.23 -7.14 4.54	41.00 -7.60 5.33	39.46 -7.14 2.64	33.96 -5.87 0.67	31.28 -5.18 0.00	28.65 -4.13 0.00
ARTHUR KILL_GT_1 23520	40.55 2.72 0.00	37.41 2.35 0.00	36.20 1.79 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.57 2.05 0.00	38.89 2.34 0.00	39.47 2.51 0.00	39.02 2.52 0.00	38.57 2.69 0.00	34.62 2.39 0.00	31.71 2.24 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.92 1.83 0.00	30.06 2.23 0.00	36.53 2.71 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.75 1.97 0.00
ARTHUR_KILL_2 23512	40.44 2.61 0.00	37.31 2.25 0.00	36.09 1.69 0.00	31.67 1.71 0.00	32.17 1.73 0.00	35.47 1.94 0.00	38.81 2.27 0.00	39.36 2.40 0.00	38.95 2.45 0.00	38.49 2.62 0.00	34.52 2.29 0.00	31.56 2.09 0.00	28.39 1.96 0.00	25.01 1.83 0.00	23.90 1.81 0.00	29.98 2.14 0.00	36.43 2.60 0.00	52.39 3.47 0.00	57.54 3.61 0.00	52.54 3.30 0.00	43.25 2.76 0.00	38.72 2.26 0.00	34.72 1.93 0.00
ARTHUR_KILL_3 23513	40.33 2.50 0.00	37.17 2.10 0.00	36.06 1.65 0.00	31.61 1.65 0.00	32.20 1.76 0.00	35.54 2.01 0.00	38.85 2.30 0.00	39.43 2.48 0.00	39.05 2.55 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.62 2.15 0.00	28.47 2.04 0.00	25.08 1.90 0.00	23.94 1.86 0.00	30.01 2.17 0.00	36.43 2.60 0.00	52.20 3.28 0.00	57.33 3.40 0.00	52.34 3.10 0.00	43.17 2.67 0.00	38.65 2.19 0.00	34.62 1.83 0.00

ARTHUR_KILL_COGEN 323718	40.56 2.73 0.00	37.38 2.31 0.00	36.16 1.75 0.00	31.73 1.77 0.00	32.26 1.83 0.00	35.57 2.05 0.00	38.89 2.34 0.00	39.47 2.51 0.00	39.02 2.52 0.00	38.60 2.73 0.00	34.59 2.35 0.00	31.62 2.15 0.00	28.47 2.04 0.00	25.05 1.88 0.00	23.94 1.86 0.00	30.06 2.23 0.00	36.53 2.71 0.00	52.49 3.57 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.38 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
ASHOKAN____ 23654	40.14 2.31 0.00	37.13 2.07 0.00	36.13 1.72 0.00	31.61 1.65 0.00	32.11 1.67 0.00	35.30 1.78 0.00	38.30 1.75 0.00	38.51 1.55 0.00	38.03 1.53 0.00	37.35 1.47 0.00	33.39 1.16 0.00	30.41 0.94 0.00	27.28 0.85 0.00	23.29 0.12 0.00	22.92 0.84 0.00	29.01 1.17 0.00	35.52 1.69 0.00	51.66 2.74 0.00	57.00 3.07 0.00	51.84 2.61 0.00	42.68 2.19 0.00	38.21 1.75 0.00	34.39 1.61 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.52 2.69 0.00	37.28 2.21 0.00	36.06 1.65 0.00	31.70 1.74 0.00	32.11 1.67 0.00	35.43 1.91 0.01	38.77 2.23 0.01	39.42 2.48 0.01	39.01 2.52 0.01	38.59 2.73 0.01	34.61 2.39 0.01	31.64 2.18 0.01	28.51 2.09 0.01	25.09 1.92 0.01	23.95 1.88 0.01	30.06 2.23 0.01	36.42 2.60 0.01	52.24 3.33 0.01	57.32 3.40 0.01	52.33 3.10 0.01	43.12 2.63 0.01	38.56 2.11 0.01	34.56 1.77 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.52 2.69 0.00	37.28 2.21 0.00	36.06 1.65 0.00	31.70 1.74 0.00	32.11 1.67 0.00	35.43 1.91 0.01	38.77 2.23 0.01	39.42 2.48 0.01	39.01 2.52 0.01	38.59 2.73 0.01	34.61 2.39 0.01	31.61 2.15 0.01	28.51 2.09 0.01	25.09 1.92 0.01	23.95 1.88 0.01	30.06 2.23 0.01	36.42 2.60 0.01	52.24 3.33 0.01	57.32 3.40 0.01	52.33 3.10 0.01	43.12 2.63 0.01	38.56 2.11 0.01	34.56 1.77 0.00
ASTORIA_GT2_1 24094	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT2_2 24095	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT2_3 24096	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT2_4 24097	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT3_1 24098	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT3_2 24099	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT3_3 24100	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT3_4 24101	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT4_1 24102	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT4_2 24103	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT4_3 24104	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00

ASTORIA_GT4_4 24105	40.55 2.72 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.82 1.86 0.00	32.26 1.83 0.00	35.44 1.91 0.00	38.81 2.27 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.46 2.64 0.00	52.34 3.42 0.00	57.38 3.45 0.00	52.44 3.20 0.00	43.17 2.67 0.00	38.61 2.15 0.00	34.56 1.77 0.00
ASTORIA_GT_1 23523	40.59 2.76 0.00	37.34 2.28 0.00	36.13 1.72 0.00	31.85 1.89 0.00	32.29 1.86 0.00	35.51 1.98 0.00	38.85 2.30 0.00	39.51 2.55 0.00	39.09 2.59 0.00	38.64 2.76 0.00	34.68 2.45 0.00	31.79 2.33 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.43 3.51 0.00	52.53 3.30 0.00	43.21 2.71 0.00	38.65 2.19 0.00	34.59 1.80 0.00
ASTORIA_GT_10 24110	40.59 2.76 0.00	37.41 2.35 0.00	36.27 1.86 0.00	31.85 1.89 0.00	32.39 1.95 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.49 3.57 0.00	57.54 3.61 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
ASTORIA_GT_11 24225	40.59 2.76 0.00	37.41 2.35 0.00	36.27 1.86 0.00	31.85 1.89 0.00	32.39 1.95 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.49 3.57 0.00	57.54 3.61 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
ASTORIA_GT_12 24226	40.59 2.76 0.00	37.41 2.35 0.00	36.27 1.86 0.00	31.85 1.89 0.00	32.39 1.95 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.49 3.57 0.00	57.54 3.61 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
ASTORIA_GT_13 24227	40.59 2.76 0.00	37.41 2.35 0.00	36.27 1.86 0.00	31.85 1.89 0.00	32.39 1.95 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.49 3.57 0.00	57.54 3.61 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
ASTORIA_GT_5 24106	40.59 2.76 0.00	37.34 2.28 0.00	36.13 1.72 0.00	31.85 1.89 0.00	32.29 1.86 0.00	35.51 1.98 0.00	38.85 2.30 0.00	39.51 2.55 0.00	39.09 2.59 0.00	38.64 2.76 0.00	34.68 2.45 0.00	31.79 2.33 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.43 3.51 0.00	52.53 3.30 0.00	43.21 2.71 0.00	38.65 2.19 0.00	34.59 1.80 0.00
ASTORIA_GT_7 24107	40.59 2.76 0.00	37.34 2.28 0.00	36.13 1.72 0.00	31.85 1.89 0.00	32.29 1.86 0.00	35.51 1.98 0.00	38.85 2.30 0.00	39.51 2.55 0.00	39.09 2.59 0.00	38.64 2.76 0.00	34.68 2.45 0.00	31.79 2.33 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.43 3.51 0.00	52.53 3.30 0.00	43.21 2.71 0.00	38.65 2.19 0.00	34.59 1.80 0.00
ASTORIA_GT_8 24108	40.59 2.76 0.00	37.34 2.28 0.00	36.13 1.72 0.00	31.85 1.89 0.00	32.29 1.86 0.00	35.51 1.98 0.00	38.85 2.30 0.00	39.51 2.55 0.00	39.09 2.59 0.00	38.64 2.76 0.00	34.68 2.45 0.00	31.79 2.33 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.43 3.51 0.00	52.53 3.30 0.00	43.21 2.71 0.00	38.65 2.19 0.00	34.59 1.80 0.00
ASTORIA___2 24149	40.52 2.69 0.00	37.28 2.21 0.00	36.06 1.65 0.00	31.70 1.74 0.00	32.11 1.67 0.00	35.43 1.91 0.01	38.81 2.27 0.01	39.42 2.48 0.01	39.05 2.55 0.01	38.59 2.73 0.01	34.61 2.39 0.01	31.64 2.18 0.01	28.51 2.09 0.01	25.09 1.92 0.01	23.98 1.90 0.01	30.08 2.25 0.01	36.46 2.64 0.01	52.28 3.37 0.01	57.37 3.45 0.01	52.38 3.15 0.01	43.16 2.67 0.01	38.60 2.15 0.01	34.56 1.77 0.00
ASTORIA___3 23516	40.59 2.76 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.16 2.66 0.00	38.75 2.87 0.00	34.75 2.52 0.00	31.74 2.27 0.00	28.57 2.14 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.59 3.35 0.00	43.38 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
ASTORIA___4 23517	40.59 2.76 0.00	37.41 2.35 0.00	36.27 1.86 0.00	31.85 1.89 0.00	32.39 1.95 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.49 3.57 0.00	57.54 3.61 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
ASTORIA___5 23518	40.59 2.76 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.16 2.66 0.00	38.75 2.87 0.00	34.75 2.52 0.00	31.74 2.27 0.00	28.57 2.14 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.59 3.35 0.00	43.38 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
AST_ENERGY_2_CC3 323677	40.48 2.65 0.00	37.31 2.25 0.00	36.20 1.79 0.00	31.73 1.77 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.53 2.71 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.54 3.30 0.00	43.33 2.83 0.00	38.79 2.34 0.00	34.75 1.97 0.00
AST_ENERGY_2_CC4 323678	40.48 2.65 0.00	37.31 2.25 0.00	36.20 1.79 0.00	31.73 1.77 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.53 2.71 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.54 3.30 0.00	43.33 2.83 0.00	38.79 2.34 0.00	34.75 1.97 0.00

ATHENS_STG_1 23668	39.38 1.55 0.00	36.36 1.30 0.00	35.48 1.07 0.00	31.07 1.11 0.00	31.62 1.19 0.00	34.77 1.24 0.00	37.97 1.42 0.00	38.47 1.52 0.00	38.10 1.60 0.00	37.63 1.76 0.00	33.75 1.52 0.00	30.82 1.36 0.00	27.73 1.29 0.00	24.40 1.23 0.00	23.34 1.26 0.00	29.26 1.42 0.00	35.52 1.69 0.00	51.12 2.20 0.00	56.14 2.21 0.00	51.21 1.97 0.00	42.16 1.66 0.00	37.77 1.31 0.00	33.84 1.05 0.00
ATHENS_STG_2 23670	39.38 1.55 0.00	36.36 1.30 0.00	35.48 1.07 0.00	31.07 1.11 0.00	31.62 1.19 0.00	34.77 1.24 0.00	37.97 1.42 0.00	38.47 1.52 0.00	38.10 1.60 0.00	37.63 1.76 0.00	33.75 1.52 0.00	30.82 1.36 0.00	27.73 1.29 0.00	24.40 1.23 0.00	23.34 1.26 0.00	29.26 1.42 0.00	35.52 1.69 0.00	51.12 2.20 0.00	56.14 2.21 0.00	51.21 1.97 0.00	42.16 1.66 0.00	37.77 1.31 0.00	33.84 1.05 0.00
ATHENS_STG_3 23677	39.38 1.55 0.00	36.36 1.30 0.00	35.48 1.07 0.00	31.07 1.11 0.00	31.62 1.19 0.00	34.77 1.24 0.00	37.97 1.42 0.00	38.47 1.52 0.00	38.10 1.60 0.00	37.63 1.76 0.00	33.75 1.52 0.00	30.82 1.36 0.00	27.73 1.29 0.00	24.40 1.23 0.00	23.34 1.26 0.00	29.26 1.42 0.00	35.52 1.69 0.00	51.12 2.20 0.00	56.14 2.21 0.00	51.21 1.97 0.00	42.16 1.66 0.00	37.77 1.31 0.00	33.84 1.05 0.00
AUBURN___LFGE 323710	37.07 -0.76 0.00	34.36 -0.70 0.00	33.65 -0.76 0.00	29.46 -0.51 0.00	29.89 -0.55 0.00	32.96 -0.57 0.00	36.04 -0.51 0.00	36.44 -0.52 0.00	35.88 -0.62 0.00	35.07 -0.79 0.01	31.43 -0.74 0.06	28.62 -0.74 0.11	25.45 -0.71 0.27	21.64 -0.65 0.88	21.50 -0.57 0.01	27.07 -0.67 0.10	33.21 -0.61 0.01	47.70 -0.73 0.48	52.98 -0.59 0.36	48.56 -0.49 0.18	40.01 -0.45 0.05	36.09 -0.36 0.00	32.46 -0.33 0.00
BABYLON_RES_REC 323704	41.16 3.33 0.00	37.66 2.59 0.00	36.44 2.03 0.00	32.06 2.10 0.00	32.63 2.19 0.00	35.91 2.38 0.00	39.18 2.63 0.00	39.76 2.81 0.00	39.60 3.10 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.27 2.80 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.71 2.87 -0.01	37.35 3.52 -0.01	53.27 4.35 0.00	58.24 4.32 0.00	53.27 4.04 0.00	44.18 3.68 0.00	39.38 2.92 0.00	35.38 2.59 0.00
BALL_HILL_WT_PWR 323825	33.48 -4.35 0.00	30.93 -4.14 0.00	30.59 -3.82 0.00	26.94 -3.03 0.00	27.33 -3.10 0.00	29.97 -3.55 0.00	32.75 -3.80 0.00	33.26 -3.70 0.00	32.34 -4.16 0.00	31.10 -4.63 0.15	27.17 -4.19 0.87	23.86 -3.89 1.71	19.01 -3.38 4.04	17.64 -3.01 2.52	19.09 -2.87 0.12	23.89 -3.59 0.36	29.50 -4.30 0.03	37.72 -6.26 4.94	41.81 -6.64 5.48	40.27 -6.25 2.71	34.67 -5.14 0.69	31.94 -4.52 0.00	29.28 -3.51 0.00
BARON_WINDS___WT_PWR 323822	35.03 -2.80 0.00	32.37 -2.70 0.00	31.79 -2.62 0.00	28.02 -1.95 0.00	28.28 -2.16 0.00	31.11 -2.41 0.00	33.99 -2.56 0.00	34.48 -2.48 0.00	33.65 -2.85 0.00	32.48 -3.26 0.14	28.53 -3.00 0.71	25.29 -2.80 1.38	20.70 -2.49 3.24	15.84 -2.25 5.09	19.83 -2.14 0.11	24.65 -2.59 0.60	30.72 -3.04 0.07	45.64 -4.06 -0.78	45.22 -4.32 4.39	43.02 -4.04 2.18	36.66 -3.28 0.56	33.51 -2.95 0.00	30.46 -2.33 0.00
BARRETT_IC_1 23704	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_10 23701	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_11 23702	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_12 23703	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_2 23705	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_3 23706	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_4 23707	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_5 23708	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00

BARRETT_IC_6 23709	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_7 23710	40.59 2.76 0.00	37.34 2.28 0.00	36.16 1.75 0.00	31.88 1.92 0.00	32.51 2.07 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.17 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.15 2.68 0.00	28.94 2.51 0.00	25.45 2.27 0.00	24.23 2.14 0.00	30.54 2.70 0.00	36.87 3.04 0.00	52.68 3.77 0.00	57.60 3.67 0.00	52.73 3.50 0.00	43.70 3.20 0.00	38.87 2.41 0.00	34.98 2.20 0.00
BARRETT_IC_8 23711	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT_IC_9 23700	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT__1 23545	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 0.00	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BARRETT__2 23546	40.59 2.76 0.00	37.24 2.17 0.00	36.06 1.65 0.00	31.85 1.89 0.00	32.41 1.98 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	35.07 2.84 0.00	32.09 2.62 0.00	28.89 2.46 0.00	25.40 2.23 0.00	24.25 2.17 0.00	30.52 2.67 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.60 3.67 0.00	52.68 3.45 0.00	43.62 3.12 0.00	38.86 2.41 0.00	35.02 2.23 0.00
BATAVIA__115KV_TB1 55881	34.39 -3.44 0.00	31.80 -3.26 0.00	31.24 -3.17 0.00	27.63 -2.34 0.00	27.94 -2.50 0.00	30.71 -2.82 0.00	33.48 -3.07 0.00	33.85 -3.10 0.00	32.92 -3.58 0.00	31.39 -3.98 0.51	25.55 -3.61 3.07	20.06 -3.36 6.05	9.04 -3.07 14.32	18.51 -2.73 1.93	19.14 -2.54 0.41	24.06 -3.23 0.54	30.08 -3.72 0.02	40.15 -5.14 3.63	43.07 -5.12 5.74	41.67 -4.73 2.84	35.73 -4.05 0.72	32.96 -3.50 0.00	30.13 -2.66 0.00
BAYONEEC__CTG1 323682	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BAYONEEC__CTG10 323750	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BAYONEEC__CTG2 323683	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BAYONEEC__CTG3 323684	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BAYONEEC__CTG4 323685	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BAYONEEC__CTG5 323686	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BAYONEEC__CTG6 323687	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BAYONEEC__CTG7 323688	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00

BAYONEEC___CTG8 323689	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BAYONEEC___CTG9 323749	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
BEACON___LESR 323632	39.80 1.97 0.00	36.85 1.79 0.00	36.03 1.62 0.00	31.43 1.47 0.00	32.02 1.58 0.00	35.30 1.78 0.00	38.48 1.94 0.00	38.88 1.92 0.00	38.51 2.01 0.00	37.88 2.01 0.00	34.01 1.77 0.00	31.03 1.56 0.00	27.81 1.37 0.00	24.36 1.18 0.00	23.23 1.15 0.00	29.28 1.45 0.00	35.69 1.86 0.00	51.61 2.69 0.00	56.84 2.91 0.00	51.75 2.51 0.00	42.48 1.98 0.00	38.17 1.71 0.00	34.23 1.44 0.00
BEAVER RIVER___HYD 24048	38.06 0.23 0.00	35.21 0.14 0.00	34.62 0.21 0.00	30.09 0.12 0.00	29.74 -0.70 0.00	32.79 -0.74 0.00	35.74 -0.80 0.00	36.03 -0.92 0.00	35.52 -0.98 0.00	34.87 -1.00 0.00	31.24 -1.00 0.00	28.41 -1.06 0.00	25.37 -1.06 0.00	22.16 -1.02 0.00	21.25 -0.84 0.00	26.69 -1.14 0.00	32.71 -1.12 0.00	47.89 -1.03 0.00	53.28 -0.64 0.00	48.55 -0.69 0.00	39.85 -0.65 0.00	35.84 -0.62 0.00	32.16 -0.62 0.00
BEEBEE_GT_13 23619	35.75 -2.08 0.00	33.07 -2.00 0.00	32.45 -1.96 0.00	28.50 -1.47 0.00	28.92 -1.52 0.00	31.85 -1.68 0.00	34.83 -1.72 0.00	35.22 -1.74 0.00	34.57 -1.93 0.00	33.49 -2.40 -0.02	30.23 -2.16 -0.15	27.71 -2.06 -0.30	25.21 -1.96 -0.73	20.01 -1.76 1.40	20.62 -1.48 -0.01	25.70 -2.00 0.13	31.71 -2.10 0.02	44.90 -3.03 0.99	51.90 -3.02 -0.99	47.01 -2.71 -0.49	38.19 -2.43 -0.12	34.60 -1.86 0.00	31.28 -1.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.70 2.88 0.00	37.55 2.49 0.00	36.34 1.93 0.00	31.91 1.95 0.00	32.48 2.04 0.00	35.74 2.21 0.00	39.11 2.56 0.00	39.69 2.73 0.00	39.27 2.77 0.00	38.82 2.94 0.00	34.85 2.61 0.00	31.91 2.45 0.00	28.71 2.27 0.00	25.29 2.11 0.00	24.07 1.99 0.00	30.23 2.39 0.00	36.70 2.88 0.00	52.78 3.86 0.00	57.92 3.99 0.00	52.93 3.69 0.00	43.58 3.08 0.00	38.97 2.52 0.00	34.92 2.13 0.00
BETHLEHEM___GRP 23843	39.42 1.59 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.43 1.48 0.00	38.03 1.53 0.00	37.45 1.58 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.54 1.11 0.00	24.17 1.00 0.00	23.01 0.93 0.00	29.01 1.17 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.93 1.15 0.00
BETHLEHEM___GS1 323560	39.38 1.55 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.44 1.48 0.00	38.03 1.53 0.00	37.42 1.54 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.57 1.14 0.00	24.15 0.97 0.00	23.03 0.95 0.00	29.03 1.20 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.87 1.08 0.00
BETHLEHEM___GS2 323561	39.38 1.55 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.44 1.48 0.00	38.03 1.53 0.00	37.42 1.54 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.57 1.14 0.00	24.15 0.97 0.00	23.03 0.95 0.00	29.03 1.20 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.87 1.08 0.00
BETHLEHEM___GS3 323562	39.38 1.55 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.44 1.48 0.00	38.03 1.53 0.00	37.42 1.54 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.57 1.14 0.00	24.15 0.97 0.00	23.03 0.95 0.00	29.03 1.20 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.87 1.08 0.00
BETHLEHEM___STEEL 23779	33.40 -4.43 0.00	30.89 -4.17 0.00	30.42 -3.99 0.00	26.88 -3.09 0.00	27.15 -3.29 0.00	29.94 -3.59 0.00	32.67 -3.87 0.00	33.19 -3.77 0.00	32.27 -4.23 0.00	30.98 -4.74 0.16	27.05 -4.29 0.89	23.77 -3.95 1.75	18.89 -3.41 4.13	17.71 -3.01 2.45	19.15 -2.80 0.13	23.92 -3.56 0.35	29.50 -4.30 0.03	37.72 -6.36 4.84	41.59 -6.74 5.60	40.11 -6.35 2.77	34.61 -5.18 0.71	31.94 -4.52 0.00	29.21 -3.57 0.00
BETHLHEM_115KV_TB1 79974	39.08 1.25 0.00	36.22 1.16 0.00	35.41 1.00 0.00	30.89 0.93 0.00	31.41 0.97 0.00	34.63 1.11 0.00	37.72 1.17 0.00	38.14 1.18 0.00	37.71 1.20 0.00	37.13 1.26 0.00	33.33 1.10 0.00	30.47 1.00 0.00	27.33 0.90 0.00	23.99 0.81 0.00	22.84 0.75 0.00	28.78 0.95 0.00	35.01 1.18 0.00	50.58 1.66 0.00	55.65 1.73 0.00	50.76 1.53 0.00	41.75 1.26 0.00	37.52 1.06 0.00	33.67 0.89 0.00
BETHPAGE_CC_5 323564	40.93 3.10 0.00	37.52 2.45 0.00	36.30 1.89 0.00	31.94 1.98 0.00	32.51 2.07 0.00	35.77 2.25 0.00	39.07 2.52 0.00	39.65 2.70 0.00	39.49 2.99 0.00	39.25 3.37 0.00	35.26 3.03 0.00	32.18 2.71 0.00	29.00 2.56 0.00	25.47 2.29 0.00	24.31 2.23 0.00	30.63 2.78 -0.01	37.18 3.35 -0.01	53.03 4.11 0.00	57.98 4.05 0.00	53.03 3.79 0.00	43.94 3.44 0.00	39.19 2.74 0.00	35.28 2.49 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.44 -4.39 0.00	30.96 -4.10 0.00	30.45 -3.96 0.00	26.94 -3.03 0.00	27.21 -3.23 0.00	30.01 -3.52 0.00	32.75 -3.80 0.00	33.26 -3.70 0.00	32.38 -4.12 0.00	31.13 -4.59 0.15	27.19 -4.16 0.88	23.88 -3.86 1.73	19.04 -3.30 4.08	17.83 -2.87 2.47	19.24 -2.72 0.13	24.06 -3.42 0.35	29.63 -4.16 0.03	38.06 -6.11 4.74	41.86 -6.53 5.54	40.34 -6.15 2.74	34.78 -5.02 0.70	32.05 -4.41 0.00	29.28 -3.51 0.00
BINGHAMTON___COGEN 23790	37.26 -0.57 0.00	34.54 -0.53 0.00	33.82 -0.58 0.00	29.61 -0.36 0.00	30.04 -0.40 0.00	33.09 -0.44 0.00	36.18 -0.37 0.00	36.62 -0.33 0.00	36.03 -0.47 0.00	35.33 -0.57 -0.03	31.77 -0.55 -0.08	29.08 -0.53 -0.14	26.30 -0.45 -0.32	25.78 -0.42 -3.02	21.71 -0.40 -0.02	27.71 -0.45 -0.32	33.39 -0.47 -0.04	50.18 -0.59 -1.85	53.81 -0.54 -0.43	48.91 -0.54 -0.22	40.08 -0.49 -0.07	35.99 -0.47 0.00	32.43 -0.36 0.00

BIXINCNT_115KV_LOAD 355685	32.61 -5.22 0.00	29.98 -5.08 0.00	29.42 -4.99 0.00	26.10 -3.87 0.00	26.63 -3.80 0.00	29.57 -3.96 0.00	32.38 -4.17 0.00	32.93 -4.03 0.00	32.05 -4.45 0.00	30.96 -4.77 0.15	26.92 -4.48 0.84	23.79 -4.04 1.64	19.24 -3.33 3.86	17.70 -2.90 2.58	19.05 -2.92 0.12	23.94 -3.54 0.36	29.40 -4.40 0.03	38.24 -6.41 4.27	41.90 -6.79 5.24	40.09 -6.55 2.59	34.53 -5.31 0.66	31.54 -4.92 0.00	28.82 -3.97 0.00
BLACK RIVER___HYD 24047	38.17 0.34 0.00	35.24 0.18 0.00	34.65 0.24 0.00	30.15 0.18 0.00	30.04 -0.40 0.00	33.16 -0.37 0.00	36.11 -0.44 0.00	36.40 -0.55 0.00	35.81 -0.69 0.00	35.05 -0.82 0.00	31.33 -0.90 0.00	28.46 -1.00 0.00	25.32 -1.11 0.00	22.06 -1.11 0.00	21.20 -0.88 0.00	26.75 -1.09 0.00	32.98 -0.84 0.00	48.67 -0.24 0.00	54.41 0.48 0.00	49.53 0.30 0.00	40.54 0.04 0.00	36.39 -0.07 0.00	32.62 -0.16 0.00
BLACKRVR_115KV_TB2 79977	38.17 0.34 0.00	35.24 0.18 0.00	34.65 0.24 0.00	30.15 0.18 0.00	30.04 -0.40 0.00	33.16 -0.37 0.00	36.11 -0.44 0.00	36.40 -0.55 0.00	35.81 -0.69 0.00	35.05 -0.83 0.00	31.33 -0.90 0.00	28.43 -1.03 0.00	25.35 -1.08 0.00	22.06 -1.11 0.00	21.20 -0.88 0.00	26.78 -1.06 0.00	32.98 -0.85 0.00	48.67 -0.24 0.00	54.47 0.54 0.00	49.53 0.30 0.00	40.54 0.04 0.00	36.39 -0.07 0.00	32.62 -0.16 0.00
BLDWN_LI_69_KV_BK4 356085	40.89 3.06 0.00	37.52 2.45 0.00	36.34 1.93 0.00	31.97 2.01 0.00	32.60 2.16 0.00	35.77 2.25 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.42 2.92 0.00	39.18 3.30 0.00	35.23 3.00 0.00	32.24 2.77 0.00	29.05 2.62 0.00	25.52 2.34 0.00	24.31 2.23 0.00	30.62 2.78 0.00	37.14 3.31 0.00	53.08 4.16 0.00	58.03 4.10 0.00	53.13 3.89 0.00	44.02 3.52 0.00	39.16 2.70 0.00	35.21 2.43 0.00
BLISS_WT_PWR 323608	32.42 -5.41 0.00	29.70 -5.36 0.00	29.15 -5.26 0.00	25.86 -4.10 0.00	26.54 -3.90 0.00	29.34 -4.19 0.00	32.16 -4.39 0.00	32.67 -4.29 0.00	31.86 -4.64 0.00	30.67 -5.06 0.15	26.72 -4.67 0.84	23.64 -4.18 1.64	19.13 -3.44 3.86	17.57 -3.04 2.58	18.98 -2.98 0.12	23.75 -3.73 0.36	29.09 -4.70 0.03	37.95 -6.70 4.27	41.57 -7.12 5.24	39.75 -6.89 2.59	34.29 -5.55 0.66	31.28 -5.18 0.00	28.72 -4.07 0.00
BLUESTONE___WT_PWR 323821	38.40 0.57 0.00	35.56 0.49 0.00	34.82 0.41 0.00	30.44 0.48 0.00	30.95 0.52 0.00	34.23 0.71 0.00	37.42 0.88 0.00	37.92 0.96 0.00	37.38 0.87 0.00	36.68 0.79 -0.02	32.99 0.68 -0.08	30.11 0.50 -0.15	27.17 0.40 -0.34	24.56 0.26 -1.12	22.41 0.31 -0.01	28.38 0.42 -0.12	34.82 0.98 -0.01	51.49 1.76 -0.82	56.54 2.16 -0.46	51.23 1.77 -0.23	41.57 1.01 -0.06	37.23 0.77 0.00	33.48 0.69 0.00
BLUE_CIRC_CHEM_DRP 24182	39.38 1.55 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.90 1.37 0.00	38.01 1.46 0.00	38.40 1.44 0.00	37.96 1.46 0.00	37.31 1.43 0.00	33.46 1.22 0.00	30.56 1.09 0.00	27.38 0.95 0.00	24.01 0.83 0.00	22.84 0.75 0.00	28.81 0.97 0.00	35.15 1.32 0.00	50.87 1.96 0.00	56.03 2.10 0.00	51.06 1.82 0.00	42.00 1.50 0.00	37.77 1.31 0.00	33.93 1.15 0.00
BOC_GAS_DRP 24189	38.96 1.13 0.00	36.12 1.05 0.00	35.30 0.89 0.00	30.80 0.84 0.00	31.32 0.88 0.00	34.50 0.97 0.00	37.61 1.06 0.00	38.03 1.07 0.00	37.60 1.10 0.00	37.02 1.15 0.00	33.27 1.03 0.00	30.41 0.94 0.00	27.28 0.85 0.00	23.94 0.76 0.00	22.79 0.71 0.00	28.70 0.86 0.00	34.91 1.08 0.00	50.43 1.52 0.00	55.49 1.56 0.00	50.57 1.33 0.00	41.63 1.13 0.00	37.41 0.95 0.00	33.61 0.82 0.00
BOONVILLE_115KV_TB1 79983	38.25 0.42 0.00	35.38 0.32 0.00	34.75 0.34 0.00	30.27 0.30 0.00	30.25 -0.18 0.00	33.39 -0.13 0.00	36.44 -0.11 0.00	36.81 -0.15 0.00	36.32 -0.18 0.00	35.66 -0.22 0.00	31.98 -0.26 0.00	29.17 -0.29 0.00	26.09 -0.34 0.00	22.81 -0.37 0.00	21.82 -0.27 0.00	27.50 -0.33 0.00	33.59 -0.24 0.00	48.92 0.00 0.00	54.20 0.27 0.00	49.38 0.15 0.00	40.54 0.04 0.00	36.46 0.00 0.00	32.75 -0.03 0.00
BORALEX_4TH_BRANCH 23824	39.95 2.12 0.00	36.96 1.89 0.00	36.09 1.69 0.00	31.46 1.50 0.00	32.08 1.64 0.00	35.37 1.84 0.00	38.52 1.97 0.00	38.95 2.00 0.00	38.54 2.04 0.00	37.92 2.04 0.00	34.01 1.77 0.00	31.18 1.71 0.00	27.94 1.51 0.00	24.50 1.32 0.00	23.34 1.26 0.00	29.42 1.59 0.00	35.82 2.00 0.00	51.71 2.79 0.00	56.84 2.91 0.00	51.70 2.46 0.00	42.52 2.02 0.00	38.21 1.75 0.00	34.23 1.44 0.00
BOWLINE___1 23526	39.91 2.08 0.00	36.85 1.79 0.00	35.82 1.41 0.00	31.37 1.41 0.00	31.96 1.52 0.00	35.24 1.71 0.00	38.48 1.94 0.00	39.02 2.07 0.00	38.62 2.12 0.00	38.17 2.30 0.00	34.23 2.00 0.00	31.26 1.80 0.00	28.13 1.69 0.00	24.75 1.58 0.00	23.63 1.55 0.00	29.67 1.84 0.00	36.02 2.20 0.00	51.85 2.93 0.00	56.95 3.02 0.00	51.94 2.71 0.00	42.77 2.27 0.00	38.32 1.86 0.00	34.33 1.54 0.00
BOWLINE___2 23595	39.91 2.08 0.00	36.85 1.79 0.00	35.82 1.41 0.00	31.37 1.41 0.00	31.96 1.52 0.00	35.24 1.71 0.00	38.48 1.94 0.00	39.02 2.07 0.00	38.62 2.12 0.00	38.17 2.30 0.00	34.23 2.00 0.00	31.26 1.80 0.00	28.13 1.69 0.00	24.75 1.58 0.00	23.63 1.55 0.00	29.67 1.84 0.00	36.02 2.20 0.00	51.85 2.93 0.00	56.95 3.02 0.00	51.94 2.71 0.00	42.77 2.27 0.00	38.32 1.86 0.00	34.33 1.54 0.00
BRADY___115KV_TB2 356060	38.13 0.30 0.00	35.42 0.35 0.00	34.96 0.55 0.00	30.24 0.27 0.00	30.62 0.18 0.00	33.80 0.27 0.00	36.69 0.15 0.00	36.96 0.00 0.00	36.46 -0.04 0.00	35.84 -0.04 0.00	32.14 -0.10 0.00	29.35 -0.12 0.00	26.33 -0.11 0.00	23.06 -0.12 0.00	21.97 -0.11 0.00	27.70 -0.14 0.00	33.49 -0.34 0.00	48.72 -0.20 0.00	53.87 -0.05 0.00	49.19 -0.05 0.00	40.50 0.00 0.00	36.46 0.00 0.00	32.82 0.03 0.00
BRANSCOMB___SOLAR 323811	39.57 1.74 0.00	36.64 1.58 0.00	35.79 1.38 0.00	31.28 1.32 0.00	31.87 1.43 0.00	35.20 1.68 0.00	38.34 1.79 0.00	38.73 1.77 0.00	38.36 1.86 0.00	37.60 1.72 0.00	33.69 1.45 0.00	31.03 1.56 0.00	27.67 1.24 0.00	24.22 1.04 0.00	23.10 1.02 0.00	29.17 1.34 0.00	35.28 1.45 0.00	51.27 2.35 0.00	56.62 2.70 0.00	51.55 2.31 0.00	42.28 1.78 0.00	37.99 1.53 0.00	34.03 1.25 0.00
BRDGHMPT_69_KV_BK1 55812	41.31 3.48 0.00	37.73 2.66 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.81 2.37 0.00	35.81 2.28 0.00	38.96 2.41 0.00	39.62 2.66 0.00	39.64 3.14 0.00	39.64 3.77 0.00	35.62 3.38 0.00	32.50 3.04 0.00	29.29 2.85 0.00	25.70 2.53 0.00	24.47 2.39 0.00	30.90 3.06 0.00	37.75 3.92 0.00	53.76 4.84 0.00	58.46 4.53 0.00	53.72 4.48 0.00	44.67 4.17 0.00	39.67 3.21 0.00	35.67 2.89 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.31 3.48 0.00	37.84 2.77 0.00	36.58 2.17 0.00	32.21 2.25 0.00	32.84 2.40 0.00	35.98 2.45 0.00	39.25 2.70 0.00	39.88 2.92 0.00	39.75 3.25 0.00	39.53 3.66 0.00	35.52 3.29 0.00	32.47 3.01 0.00	29.23 2.80 0.00	25.68 2.50 0.00	24.47 2.39 0.00	30.87 3.03 0.00	37.58 3.75 0.00	53.52 4.60 0.00	58.40 4.48 0.00	53.52 4.28 0.00	44.51 4.01 0.00	39.56 3.10 0.00	35.51 2.72 0.00
BRISTLHL_115KV_TB1 79998	36.54 -1.29 0.00	33.84 -1.23 0.00	33.17 -1.24 0.00	29.01 -0.96 0.00	29.43 -1.00 0.00	32.39 -1.14 0.00	35.38 -1.17 0.00	35.77 -1.18 0.00	35.30 -1.20 0.00	34.58 -1.29 0.00	31.04 -1.19 0.00	28.38 -1.09 0.00	25.43 -1.00 0.00	22.25 -0.93 0.00	21.24 -0.84 0.00	26.81 -1.03 0.00	32.64 -1.18 0.00	47.30 -1.61 0.00	52.36 -1.56 0.00	47.86 -1.38 0.00	39.37 -1.13 0.00	35.55 -0.91 0.00	32.00 -0.79 0.00
BROOKHAVEN__DRP 24191	41.16 3.33 0.00	37.66 2.59 0.00	36.40 2.00 0.00	32.12 2.16 0.00	32.75 2.31 0.00	35.71 2.18 0.00	38.85 2.30 0.00	39.51 2.55 0.00	39.49 2.99 0.00	39.39 3.52 0.00	35.43 3.19 0.00	32.35 2.89 0.00	29.15 2.72 0.00	25.61 2.43 0.00	24.40 2.32 0.00	30.82 2.98 0.00	37.58 3.75 0.00	53.42 4.50 0.00	58.13 4.21 0.00	53.37 4.14 0.00	44.43 3.93 0.00	39.45 2.99 0.00	35.44 2.66 0.00
BROOKLYN_NAVY_YARD 23515	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.67 1.71 0.00	32.29 1.86 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.64 2.76 0.00	34.65 2.42 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.10 1.92 0.00	23.96 1.88 0.00	30.06 2.23 0.00	36.50 2.67 0.00	52.34 3.42 0.00	57.49 3.56 0.00	52.48 3.25 0.00	43.29 2.79 0.00	38.79 2.34 0.00	34.75 1.97 0.00
BROOKLYN__ARMY_DRP 323595	40.59 2.76 0.00	37.45 2.38 0.00	36.27 1.86 0.00	31.82 1.86 0.00	32.39 1.95 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.59 3.67 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.42 2.92 0.00	38.87 2.41 0.00	34.82 2.03 0.00
BROOME_2_LFGE 323671	37.30 -0.53 0.00	34.54 -0.53 0.00	33.86 -0.55 0.00	29.64 -0.33 0.00	30.07 -0.36 0.00	33.09 -0.44 0.00	36.18 -0.37 0.00	36.62 -0.33 0.00	36.03 -0.48 0.00	35.32 -0.58 -0.03	31.77 -0.55 -0.08	29.08 -0.53 -0.14	26.30 -0.45 -0.32	25.76 -0.44 -3.02	21.71 -0.40 -0.02	27.71 -0.45 -0.32	33.39 -0.47 -0.04	50.18 -0.58 -1.85	53.81 -0.54 -0.43	48.91 -0.54 -0.22	40.12 -0.44 -0.07	36.02 -0.44 0.00	32.46 -0.33 0.00
BROOME__LFGE 323600	37.30 -0.53 0.00	34.54 -0.53 0.00	33.86 -0.55 0.00	29.64 -0.33 0.00	30.07 -0.36 0.00	33.09 -0.44 0.00	36.18 -0.37 0.00	36.62 -0.33 0.00	36.03 -0.48 0.00	35.32 -0.58 -0.03	31.77 -0.55 -0.08	29.08 -0.53 -0.14	26.30 -0.45 -0.32	25.76 -0.44 -3.02	21.71 -0.40 -0.02	27.71 -0.45 -0.32	33.39 -0.47 -0.04	50.18 -0.58 -1.85	53.81 -0.54 -0.43	48.91 -0.54 -0.22	40.12 -0.44 -0.07	36.02 -0.44 0.00	32.46 -0.33 0.00
BROWNFLS_115KV_TB 3_5 80003	37.87 0.04 0.00	35.10 0.04 0.00	34.58 0.17 0.00	29.97 0.00 0.00	29.92 -0.52 0.00	33.02 -0.50 0.00	35.93 -0.62 0.00	36.22 -0.74 0.00	35.77 -0.73 0.00	35.12 -0.75 0.00	31.49 -0.74 0.00	28.70 -0.77 0.00	25.67 -0.77 0.00	22.46 -0.72 0.00	21.47 -0.62 0.00	27.03 -0.81 0.00	32.81 -1.01 0.00	47.84 -1.08 0.00	53.07 -0.86 0.00	48.35 -0.89 0.00	39.85 -0.65 0.00	35.88 -0.58 0.00	32.23 -0.56 0.00
BROWNSV1_27_KV_LOAD 356125	40.74 2.91 0.00	37.52 2.45 0.00	36.40 2.00 0.00	31.91 1.95 0.00	32.54 2.10 0.00	35.84 2.31 0.00	39.22 2.67 0.00	39.80 2.85 0.00	39.42 2.92 0.00	38.92 3.05 0.00	34.91 2.68 0.00	31.97 2.50 0.00	28.78 2.35 0.00	25.33 2.16 0.00	24.12 2.03 0.00	30.29 2.45 0.00	36.77 2.94 0.00	52.83 3.91 0.00	57.97 4.04 0.00	52.93 3.69 0.00	43.62 3.12 0.00	39.01 2.55 0.00	34.95 2.16 0.00
BURROWS__LYONSDAL 23803	38.17 0.34 0.00	35.35 0.28 0.00	34.72 0.31 0.00	30.21 0.24 0.00	30.04 -0.40 0.00	33.16 -0.37 0.00	36.15 -0.40 0.00	36.51 -0.44 0.00	36.03 -0.47 0.00	35.37 -0.50 0.00	31.72 -0.52 0.00	28.91 -0.56 0.00	25.85 -0.58 0.00	22.60 -0.58 0.00	21.64 -0.44 0.00	27.25 -0.58 0.00	33.29 -0.54 0.00	48.58 -0.34 0.00	53.82 -0.11 0.00	49.04 -0.20 0.00	40.26 -0.24 0.00	36.20 -0.26 0.00	32.52 -0.26 0.00
CAITHNESS_CC_1 323624	41.08 3.25 0.00	37.56 2.49 0.00	36.30 1.89 0.00	32.03 2.07 0.00	32.51 2.07 0.00	35.68 2.15 0.00	38.81 2.27 0.00	39.47 2.51 0.00	39.42 2.92 0.00	39.32 3.44 0.00	35.36 3.13 0.00	32.24 2.77 0.00	29.05 2.62 0.00	25.52 2.34 0.00	24.36 2.28 0.00	30.74 2.89 -0.01	37.49 3.65 -0.01	53.22 4.31 0.00	58.02 4.10 0.00	53.22 3.99 0.00	44.22 3.72 0.00	39.38 2.92 0.00	35.41 2.62 0.00
CALPINE BETH_PAGE_GT4 24209	40.89 3.06 0.00	37.52 2.45 0.00	36.34 1.93 0.00	31.94 1.98 0.00	32.57 2.13 0.00	35.74 2.21 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.21 2.74 0.00	29.00 2.56 0.00	25.49 2.32 0.00	24.29 2.21 0.00	30.59 2.76 0.00	37.07 3.25 0.00	52.88 3.96 0.00	57.81 3.88 0.00	52.93 3.69 0.00	43.90 3.40 0.00	39.08 2.63 0.00	35.25 2.46 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.89 3.06 0.00	37.48 2.42 0.00	36.27 1.86 0.00	31.91 1.95 0.00	32.48 2.04 0.00	35.74 2.21 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.15 2.68 0.00	28.97 2.54 0.00	25.45 2.27 0.00	24.29 2.21 0.00	30.60 2.76 -0.01	37.08 3.25 -0.01	52.88 3.96 0.00	57.81 3.89 0.00	52.88 3.64 0.00	43.82 3.32 0.00	39.09 2.63 0.00	35.28 2.49 0.00
CALPINE_BP_GT1 23823	40.89 3.06 0.00	37.48 2.42 0.00	36.27 1.86 0.00	31.91 1.95 0.00	32.48 2.04 0.00	35.74 2.21 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.15 2.68 0.00	28.97 2.54 0.00	25.45 2.27 0.00	24.29 2.21 0.00	30.60 2.76 -0.01	37.08 3.25 -0.01	52.88 3.96 0.00	57.81 3.89 0.00	52.88 3.64 0.00	43.82 3.32 0.00	39.09 2.63 0.00	35.28 2.49 0.00
CALSPAN__DRP 24200	33.40 -4.43 0.00	30.89 -4.17 0.00	30.42 -3.99 0.00	26.88 -3.09 0.00	27.15 -3.29 0.00	29.94 -3.59 0.00	32.67 -3.87 0.00	33.19 -3.77 0.00	32.27 -4.23 0.00	30.98 -4.74 0.16	27.05 -4.29 0.89	23.77 -3.95 1.75	18.89 -3.41 4.13	17.71 -3.01 2.45	19.15 -2.80 0.13	23.92 -3.56 0.35	29.50 -4.30 0.03	37.72 -6.36 4.84	41.59 -6.74 5.60	40.11 -6.35 2.77	34.61 -5.18 0.71	31.94 -4.52 0.00	29.21 -3.57 0.00

CALVERTON___SOLAR 323806	41.24 3.41 0.00	37.66 2.59 0.00	36.40 1.99 0.00	32.12 2.16 0.00	32.60 2.16 0.00	35.77 2.25 0.00	38.89 2.34 0.00	39.54 2.59 0.00	39.53 3.03 0.00	39.46 3.59 0.00	35.46 3.22 0.00	32.32 2.86 0.00	29.16 2.72 0.00	25.59 2.41 0.00	24.42 2.34 0.00	30.85 3.01 -0.01	37.62 3.79 -0.01	53.47 4.55 0.00	58.24 4.32 0.00	53.47 4.23 0.00	44.43 3.93 0.00	39.52 3.06 0.00	35.54 2.75 0.00
CANDIGU_WT_PWR 323617	35.03 -2.80 0.00	32.37 -2.70 0.00	31.79 -2.62 0.00	28.02 -1.95 0.00	28.28 -2.16 0.00	31.11 -2.41 0.00	33.99 -2.56 0.00	34.48 -2.48 0.00	33.65 -2.85 0.00	32.48 -3.26 0.14	28.53 -3.00 0.71	25.29 -2.80 1.38	20.70 -2.49 3.24	15.84 -2.25 5.09	19.83 -2.14 0.11	24.65 -2.59 0.60	30.72 -3.04 0.07	45.64 -4.06 -0.78	45.22 -4.32 4.39	43.02 -4.04 2.18	36.66 -3.28 0.56	33.51 -2.95 0.00	30.46 -2.33 0.00
CARR STREET_E_SYR 24060	36.89 -0.94 0.00	34.15 -0.91 0.00	33.48 -0.93 0.00	29.28 -0.69 0.00	29.74 -0.70 0.00	32.72 -0.80 0.00	35.74 -0.80 0.00	36.14 -0.81 0.00	35.62 -0.88 0.00	34.91 -0.97 0.00	31.37 -0.87 0.00	28.67 -0.79 0.00	25.69 -0.74 0.00	22.48 -0.69 0.00	21.44 -0.64 0.00	27.09 -0.75 0.00	32.98 -0.84 0.00	47.74 -1.17 0.00	52.79 -1.14 0.00	48.25 -0.98 0.00	39.73 -0.77 0.00	35.84 -0.62 0.00	32.26 -0.53 0.00
CARTHAGE___PAPER 23857	38.10 0.27 0.00	35.21 0.14 0.00	34.65 0.24 0.00	30.12 0.15 0.00	29.86 -0.58 0.00	32.96 -0.57 0.00	35.89 -0.66 0.00	36.14 -0.81 0.00	35.59 -0.91 0.00	34.91 -0.97 0.00	31.24 -1.00 0.00	28.41 -1.06 0.00	25.32 -1.11 0.00	22.11 -1.07 0.00	21.20 -0.88 0.00	26.69 -1.14 0.00	32.81 -1.01 0.00	48.23 -0.68 0.00	53.82 -0.11 0.00	48.99 -0.24 0.00	40.17 -0.33 0.00	36.06 -0.40 0.00	32.36 -0.43 0.00
CASSADAGA_WT_PWR 323784	32.46 -5.37 0.00	30.02 -5.05 0.00	30.14 -4.27 0.00	26.25 -3.72 0.00	26.81 -3.62 0.00	29.64 -3.89 0.00	32.53 -4.02 0.00	33.04 -3.92 0.00	32.16 -4.34 0.00	30.81 -4.91 0.15	26.85 -4.54 0.84	23.45 -4.36 1.65	18.75 -3.78 3.90	17.15 -3.43 2.59	18.74 -3.22 0.12	23.44 -4.04 0.36	28.92 -4.87 0.03	37.35 -7.09 4.47	41.20 -7.44 5.29	39.57 -7.04 2.62	34.12 -5.71 0.67	31.32 -5.14 0.00	28.69 -4.10 0.00
CE_DUNWOOD___DRP 24194	40.21 2.38 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.20 1.77 0.00	35.47 1.94 0.00	38.78 2.23 0.00	39.32 2.37 0.00	38.91 2.41 0.00	38.46 2.58 0.00	34.49 2.26 0.00	31.56 2.09 0.00	28.39 1.96 0.00	24.98 1.81 0.00	23.78 1.70 0.00	29.90 2.06 0.00	36.30 2.47 0.00	52.24 3.33 0.00	57.33 3.40 0.00	52.34 3.10 0.00	43.09 2.59 0.00	38.57 2.11 0.00	34.52 1.74 0.00
CE_MILLWOOD___DRP 24193	40.14 2.31 0.00	37.03 1.96 0.00	35.99 1.58 0.00	31.52 1.56 0.00	32.14 1.70 0.00	35.41 1.88 0.00	38.67 2.12 0.00	39.21 2.25 0.00	38.84 2.34 0.00	38.35 2.48 0.00	34.43 2.19 0.00	31.47 2.00 0.00	28.31 1.88 0.00	24.91 1.74 0.00	23.74 1.66 0.00	29.84 2.00 0.00	36.19 2.37 0.00	52.10 3.18 0.00	57.16 3.24 0.00	52.19 2.95 0.00	42.97 2.47 0.00	38.46 2.01 0.00	34.46 1.67 0.00
CE_NYC2_DRP 24202	40.59 2.76 0.00	37.41 2.35 0.00	36.27 1.86 0.00	31.82 1.86 0.00	32.39 1.95 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.60 3.67 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
CE_NYC_DRP 24195	40.52 2.69 0.00	37.31 2.24 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.53 2.71 0.00	52.49 3.57 0.00	57.60 3.67 0.00	52.58 3.35 0.00	43.33 2.83 0.00	38.79 2.33 0.00	34.75 1.97 0.00
CHAFFEE___LFGE 323603	33.71 -4.12 0.00	31.10 -3.96 0.00	30.62 -3.79 0.00	27.09 -2.88 0.00	27.46 -2.98 0.00	30.08 -3.45 0.00	32.82 -3.73 0.00	33.34 -3.62 0.00	32.41 -4.09 0.00	31.17 -4.56 0.15	27.27 -4.09 0.87	23.97 -3.80 1.69	19.18 -3.25 4.00	17.79 -2.87 2.52	19.22 -2.74 0.12	24.06 -3.42 0.36	29.63 -4.16 0.03	38.35 -6.02 4.55	42.14 -6.36 5.42	40.49 -6.06 2.68	34.91 -4.90 0.68	32.12 -4.34 0.00	29.44 -3.34 0.00
CHATEAUG_35_KV_LOAD 355732	37.11 -0.72 0.00	34.50 -0.56 0.00	34.51 0.10 0.00	29.46 -0.51 0.00	29.92 -0.52 0.00	32.92 -0.60 0.00	35.74 -0.80 0.00	36.03 -0.92 0.00	35.62 -0.88 0.00	35.19 -0.68 0.00	31.65 -0.58 0.00	28.97 -0.50 0.00	26.04 -0.40 0.00	22.83 -0.35 0.00	21.71 -0.38 0.00	27.31 -0.53 0.00	32.98 -0.85 0.00	47.84 -1.08 0.00	52.69 -1.24 0.00	48.05 -1.18 0.00	39.45 -1.05 0.00	35.47 -0.98 0.00	31.93 -0.85 0.00
CHATEAUG_WT_PWR 323614	37.07 -0.76 0.00	34.47 -0.60 0.00	34.41 0.00 0.00	29.46 -0.51 0.00	29.89 -0.55 0.00	32.89 -0.64 0.00	35.71 -0.84 0.00	36.03 -0.92 0.00	35.66 -0.84 0.00	35.19 -0.68 0.00	31.69 -0.55 0.00	28.99 -0.47 0.00	26.04 -0.40 0.00	22.85 -0.32 0.00	21.73 -0.35 0.00	27.28 -0.56 0.00	33.01 -0.81 0.00	47.79 -1.12 0.00	52.58 -1.35 0.00	48.01 -1.23 0.00	39.41 -1.09 0.00	35.48 -0.98 0.00	31.90 -0.88 0.00
CHAT_HIGH_FALL_HYD 323578	37.11 -0.72 0.00	34.50 -0.56 0.00	34.51 0.10 0.00	29.46 -0.51 0.00	29.92 -0.52 0.00	32.92 -0.60 0.00	35.74 -0.80 0.00	36.03 -0.92 0.00	35.62 -0.88 0.00	35.19 -0.68 0.00	31.65 -0.58 0.00	28.97 -0.50 0.00	26.04 -0.40 0.00	22.83 -0.35 0.00	21.71 -0.38 0.00	27.31 -0.53 0.00	32.98 -0.85 0.00	47.84 -1.08 0.00	52.69 -1.24 0.00	48.05 -1.18 0.00	39.45 -1.05 0.00	35.47 -0.98 0.00	31.93 -0.85 0.00
CHAUTAUQUA___LFGE 323629	33.21 -4.62 0.00	30.72 -4.35 0.00	30.62 -3.79 0.00	26.79 -3.18 0.00	27.21 -3.23 0.00	29.94 -3.59 0.00	32.78 -3.76 0.00	33.30 -3.66 0.00	32.41 -4.09 0.00	31.06 -4.66 0.15	27.12 -4.26 0.86	23.77 -4.01 1.69	18.96 -3.49 3.99	17.53 -3.11 2.54	19.00 -2.96 0.12	23.78 -3.70 0.36	29.40 -4.40 0.03	37.75 -6.46 4.71	41.67 -6.85 5.41	40.11 -6.45 2.68	34.52 -5.30 0.68	31.83 -4.63 0.00	29.15 -3.64 0.00
CHERRYST_13_KV_LD 356241	40.59 2.76 0.00	37.38 2.31 0.00	36.30 1.89 0.00	31.82 1.86 0.00	32.45 2.01 0.00	35.74 2.21 0.00	39.11 2.56 0.00	39.69 2.73 0.00	39.27 2.77 0.00	38.78 2.91 0.00	34.81 2.58 0.00	31.88 2.42 0.00	28.68 2.25 0.00	25.24 2.06 0.00	24.03 1.94 0.00	30.20 2.37 0.00	36.63 2.81 0.00	52.64 3.72 0.00	57.76 3.83 0.00	52.73 3.50 0.00	43.46 2.96 0.00	38.87 2.41 0.00	34.82 2.03 0.00

CHESTROR_138KV_BK263 355645	39.65 1.82 0.00	36.64 1.58 0.00	35.65 1.24 0.00	31.19 1.23 0.00	31.78 1.34 0.00	35.00 1.48 0.00	38.19 1.64 0.00	38.69 1.74 0.00	38.29 1.79 0.00	37.78 1.90 0.00	33.91 1.68 0.00	31.03 1.56 0.00	27.89 1.45 0.00	24.52 1.34 0.00	23.37 1.28 0.00	29.40 1.56 0.00	35.72 1.89 0.00	51.46 2.54 0.00	56.52 2.59 0.00	51.60 2.36 0.00	42.44 1.94 0.00	38.03 1.57 0.00	34.10 1.31 0.00
CH_MIDHUDSON___DRP 24192	40.02 2.19 0.00	36.96 1.89 0.00	35.99 1.58 0.00	31.49 1.53 0.00	32.08 1.64 0.00	35.34 1.81 0.00	38.56 2.01 0.00	39.10 2.14 0.00	38.69 2.19 0.00	38.17 2.30 0.00	34.23 2.00 0.00	31.29 1.83 0.00	28.12 1.69 0.00	24.75 1.58 0.00	23.59 1.50 0.00	29.67 1.84 0.00	36.06 2.23 0.00	52.00 3.08 0.00	57.11 3.18 0.00	52.09 2.86 0.00	42.85 2.35 0.00	38.35 1.90 0.00	34.39 1.61 0.00
CH_MISC_IPPS 23765	40.14 2.31 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.17 1.73 0.00	35.47 1.94 0.00	38.70 2.16 0.00	39.21 2.25 0.00	38.80 2.30 0.00	38.28 2.40 0.00	34.33 2.09 0.00	31.32 1.86 0.00	28.15 1.72 0.00	24.75 1.58 0.00	23.65 1.57 0.00	29.76 1.92 0.00	36.19 2.37 0.00	52.20 3.28 0.00	57.33 3.40 0.00	52.29 3.05 0.00	43.01 2.51 0.00	38.50 2.04 0.00	34.52 1.74 0.00
CH_RES_BVR_FALLS 23983	37.64 -0.19 0.00	34.93 -0.14 0.00	34.37 -0.03 0.00	29.85 -0.12 0.00	30.32 -0.12 0.00	33.39 -0.13 0.00	36.37 -0.18 0.00	36.74 -0.22 0.00	36.32 -0.18 0.00	35.70 -0.18 0.00	32.07 -0.16 0.00	29.32 -0.15 0.00	26.30 -0.13 0.00	23.06 -0.12 0.00	21.97 -0.11 0.00	27.67 -0.17 0.00	33.59 -0.24 0.00	48.63 -0.29 0.00	53.55 -0.37 0.00	48.94 -0.29 0.00	40.22 -0.28 0.00	36.24 -0.22 0.00	32.59 -0.20 0.00
CH_RES_NIAGARA 23895	32.87 -4.96 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.52 -3.45 0.00	26.75 -3.68 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.69 -6.03 0.16	26.29 -5.00 0.95	23.06 -4.54 1.87	17.91 -4.10 4.42	17.38 -3.59 2.20	18.55 -3.40 0.13	22.91 -4.59 0.33	28.45 -5.34 0.03	36.67 -7.73 4.52	39.63 -8.30 6.00	38.64 -7.63 2.97	33.27 -6.48 0.75	31.10 -5.36 0.00	28.33 -4.46 0.00
CH_RES_SYRACUSE 23985	37.11 -0.72 0.00	34.36 -0.70 0.00	33.68 -0.72 0.00	29.46 -0.51 0.00	29.89 -0.55 0.00	32.93 -0.60 0.00	35.96 -0.59 0.00	36.36 -0.59 0.00	35.84 -0.66 0.00	35.11 -0.76 0.01	31.49 -0.71 0.03	28.76 -0.65 0.06	25.69 -0.61 0.14	22.14 -0.58 0.46	21.55 -0.53 0.01	27.17 -0.61 0.05	33.18 -0.64 0.01	47.84 -0.83 0.25	52.99 -0.76 0.19	48.50 -0.64 0.09	39.95 -0.53 0.02	36.06 -0.40 0.00	32.46 -0.33 0.00
CLINTON_WT_PWR 323605	37.07 -0.76 0.00	34.47 -0.60 0.00	34.41 0.00 0.00	29.46 -0.51 0.00	29.89 -0.55 0.00	32.89 -0.64 0.00	35.71 -0.84 0.00	36.03 -0.92 0.00	35.66 -0.84 0.00	35.19 -0.68 0.00	31.69 -0.55 0.00	28.99 -0.47 0.00	26.04 -0.40 0.00	22.85 -0.32 0.00	21.73 -0.35 0.00	27.28 -0.56 0.00	33.01 -0.81 0.00	47.79 -1.12 0.00	52.58 -1.35 0.00	48.01 -1.23 0.00	39.41 -1.09 0.00	35.48 -0.98 0.00	31.90 -0.88 0.00
CLINTON___LFGE 323618	37.49 -0.34 0.00	34.89 -0.17 0.00	34.79 0.38 0.00	29.76 -0.21 0.00	30.23 -0.21 0.00	33.29 -0.23 0.00	36.15 -0.40 0.00	36.44 -0.52 0.00	36.06 -0.44 0.00	35.63 -0.25 0.00	32.04 -0.19 0.00	29.32 -0.15 0.00	26.30 -0.13 0.00	23.11 -0.07 0.00	22.00 -0.09 0.00	27.56 -0.28 0.00	33.35 -0.47 0.00	48.43 -0.49 0.00	53.39 -0.54 0.00	48.65 -0.59 0.00	39.93 -0.57 0.00	35.84 -0.62 0.00	32.23 -0.56 0.00
COBBLENY_34_KV_TB1 80064	33.52 -4.31 0.00	31.00 -4.07 0.00	30.52 -3.89 0.00	26.97 -3.00 0.00	27.27 -3.17 0.00	30.07 -3.45 0.00	32.78 -3.76 0.00	33.33 -3.62 0.00	32.41 -4.09 0.00	31.17 -4.56 0.15	27.24 -4.13 0.87	23.94 -3.83 1.69	19.16 -3.28 4.00	17.79 -2.87 2.52	19.27 -2.69 0.12	24.06 -3.42 0.36	29.67 -4.13 0.03	38.30 -6.07 4.55	42.09 -6.42 5.42	40.50 -6.06 2.68	34.88 -4.94 0.68	32.08 -4.38 0.00	29.31 -3.48 0.00
COFFEEN___115KV_TB3 355620	38.25 0.42 0.00	35.31 0.25 0.00	34.68 0.28 0.00	30.21 0.24 0.00	30.10 -0.33 0.00	33.26 -0.27 0.00	36.18 -0.37 0.00	36.44 -0.52 0.00	35.84 -0.66 0.00	35.05 -0.83 0.00	31.33 -0.90 0.00	28.43 -1.03 0.00	25.32 -1.11 0.00	22.04 -1.14 0.00	21.18 -0.91 0.00	26.81 -1.03 0.00	33.01 -0.81 0.00	48.82 -0.10 0.00	54.68 0.75 0.00	49.73 0.49 0.00	40.70 0.20 0.00	36.50 0.04 0.00	32.69 -0.10 0.00
COLDSPRG_115KV_BK1 355956	33.48 -4.35 0.00	31.00 -4.07 0.00	30.76 -3.65 0.00	27.00 -2.97 0.00	27.42 -3.01 0.00	30.41 -3.12 0.00	33.33 -3.22 0.00	33.85 -3.10 0.00	32.92 -3.58 0.00	31.82 -3.91 0.14	27.74 -3.67 0.82	24.33 -3.54 1.60	19.76 -2.91 3.77	17.93 -2.57 2.68	19.49 -2.47 0.12	24.46 -3.01 0.37	30.07 -3.72 0.03	39.50 -5.33 4.09	43.27 -5.55 5.11	41.29 -5.42 2.53	35.48 -4.37 0.64	32.34 -4.12 0.00	29.47 -3.31 0.00
COLONIE_LFGE___ 323577	39.46 1.63 0.00	36.57 1.51 0.00	35.72 1.31 0.00	31.17 1.20 0.00	31.74 1.31 0.00	35.00 1.47 0.00	38.12 1.57 0.00	38.54 1.59 0.00	38.14 1.64 0.00	37.49 1.62 0.00	33.65 1.42 0.00	30.82 1.36 0.00	27.62 1.19 0.00	24.20 1.02 0.00	23.05 0.97 0.00	29.09 1.25 0.00	35.35 1.52 0.00	51.12 2.20 0.00	56.25 2.32 0.00	51.26 2.02 0.00	42.12 1.62 0.00	37.84 1.39 0.00	33.90 1.12 0.00
COOPERNY_115KV_TB1 80082	39.15 1.32 0.00	36.26 1.19 0.00	35.34 0.93 0.00	30.89 0.93 0.00	31.44 1.00 0.00	34.63 1.11 0.00	37.79 1.24 0.00	38.29 1.33 0.00	37.85 1.35 0.00	37.35 1.47 0.00	33.52 1.29 0.00	30.67 1.21 0.00	27.54 1.11 0.00	24.20 1.02 0.00	23.06 0.97 0.00	29.01 1.17 0.00	35.28 1.45 0.00	50.87 1.96 0.00	55.92 2.00 0.00	51.01 1.77 0.00	41.96 1.46 0.00	37.63 1.17 0.00	33.77 0.98 0.00
COPENHAGEN_WT_PWR 323753	38.06 0.23 0.00	35.14 0.07 0.00	34.55 0.14 0.00	30.06 0.09 0.00	30.01 -0.43 0.00	33.09 -0.44 0.00	36.07 -0.48 0.00	36.36 -0.59 0.00	35.77 -0.73 0.00	35.01 -0.86 0.00	31.33 -0.90 0.00	28.43 -1.03 0.00	25.32 -1.11 0.00	22.06 -1.11 0.00	21.18 -0.91 0.00	26.75 -1.09 0.00	32.95 -0.88 0.00	48.58 -0.34 0.00	54.31 0.38 0.00	49.43 0.20 0.00	40.50 0.00 0.00	36.31 -0.15 0.00	32.56 -0.23 0.00
CORNELL____ 23752	37.68 -0.15 0.00	34.89 -0.18 0.00	34.20 -0.21 0.00	29.91 -0.06 0.00	30.35 -0.09 0.00	33.49 -0.03 0.00	36.62 0.07 0.00	36.99 0.04 0.00	36.32 -0.18 0.00	35.45 -0.39 0.03	31.70 -0.42 0.12	28.80 -0.44 0.22	25.47 -0.45 0.51	21.00 -0.46 1.71	21.69 -0.38 0.02	27.29 -0.36 0.19	33.64 -0.17 0.02	48.43 0.05 0.54	53.50 0.27 0.69	49.13 0.25 0.35	40.57 0.16 0.09	36.57 0.11 0.00	32.88 0.10 0.00

CORONA_69_KV_TB1 355595	40.82 2.99 0.00	37.48 2.42 0.00	36.34 1.93 0.00	31.94 1.98 0.00	32.57 2.13 0.00	35.74 2.21 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.38 2.88 0.00	39.14 3.26 0.00	35.17 2.93 0.00	32.18 2.71 0.00	28.97 2.54 0.00	25.47 2.29 0.00	24.25 2.16 0.00	30.54 2.70 0.00	37.04 3.21 0.00	52.98 4.06 0.00	57.97 4.04 0.00	53.03 3.79 0.00	43.90 3.40 0.00	39.08 2.63 0.00	35.08 2.30 0.00
CORTLAND_115KV_TB3 80093	37.53 -0.30 0.00	34.75 -0.32 0.00	34.06 -0.34 0.00	29.79 -0.18 0.00	30.22 -0.21 0.00	33.33 -0.20 0.00	36.40 -0.15 0.00	36.81 -0.15 0.00	36.21 -0.29 0.00	35.44 -0.43 0.00	31.82 -0.42 0.00	29.05 -0.41 0.00	26.04 -0.40 0.00	22.78 -0.39 0.00	21.75 -0.33 0.00	27.47 -0.36 0.00	33.52 -0.30 0.00	48.83 -0.24 -0.15	53.87 -0.05 0.00	49.19 -0.05 0.00	40.42 -0.08 0.00	36.39 -0.07 0.00	32.72 -0.07 0.00
COXSACKIE___GT 23611	40.63 2.80 0.00	37.62 2.56 0.00	36.68 2.27 0.00	32.06 2.10 0.00	32.66 2.22 0.00	36.01 2.48 0.00	39.10 2.56 0.00	39.39 2.44 0.00	38.80 2.30 0.00	37.95 2.08 0.00	33.94 1.71 0.00	30.94 1.47 0.00	27.70 1.27 0.00	24.10 0.93 0.00	23.19 1.10 0.00	29.39 1.56 0.00	36.09 2.27 0.00	52.69 3.77 0.00	58.19 4.26 0.00	52.93 3.69 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.89 2.10 0.00
CPV_VALLEY___CC1 323721	39.30 1.47 0.00	36.36 1.30 0.00	35.41 1.00 0.00	30.95 0.99 0.00	31.53 1.09 0.00	34.73 1.21 0.00	37.90 1.35 0.00	38.40 1.44 0.00	38.00 1.50 0.00	37.53 1.65 0.00	33.69 1.45 0.00	30.76 1.30 0.00	27.65 1.22 0.00	24.31 1.14 0.00	23.19 1.10 0.00	29.17 1.34 0.00	35.45 1.62 0.00	51.02 2.10 0.00	56.09 2.16 0.00	51.15 1.92 0.00	42.12 1.62 0.00	37.73 1.28 0.00	33.87 1.08 0.00
CPV_VALLEY___CC2 323722	39.30 1.47 0.00	36.36 1.30 0.00	35.41 1.00 0.00	30.95 0.99 0.00	31.53 1.09 0.00	34.73 1.21 0.00	37.90 1.35 0.00	38.40 1.44 0.00	38.00 1.50 0.00	37.53 1.65 0.00	33.69 1.45 0.00	30.76 1.30 0.00	27.65 1.22 0.00	24.31 1.14 0.00	23.19 1.10 0.00	29.17 1.34 0.00	35.45 1.62 0.00	51.02 2.10 0.00	56.09 2.16 0.00	51.15 1.92 0.00	42.12 1.62 0.00	37.73 1.28 0.00	33.87 1.08 0.00
CRESCENT___HYD 24018	39.46 1.63 0.00	36.57 1.51 0.00	35.72 1.31 0.00	31.17 1.20 0.00	31.74 1.31 0.00	35.00 1.47 0.00	38.12 1.57 0.00	38.54 1.59 0.00	38.14 1.64 0.00	37.49 1.62 0.00	33.65 1.42 0.00	30.82 1.36 0.00	27.62 1.19 0.00	24.20 1.02 0.00	23.05 0.97 0.00	29.09 1.25 0.00	35.35 1.52 0.00	51.12 2.20 0.00	56.25 2.32 0.00	51.26 2.02 0.00	42.12 1.62 0.00	37.84 1.39 0.00	33.90 1.12 0.00
CRICKET___VALLEY_CC1 323756	39.80 1.97 0.00	36.75 1.68 0.00	35.75 1.34 0.00	31.28 1.32 0.00	31.87 1.43 0.00	35.14 1.61 0.00	38.37 1.83 0.00	38.91 1.96 0.00	38.51 2.01 0.00	38.03 2.15 0.00	34.10 1.87 0.00	31.14 1.68 0.00	28.02 1.59 0.00	24.66 1.48 0.00	23.52 1.43 0.00	29.56 1.73 0.00	35.89 2.06 0.00	51.66 2.74 0.00	56.68 2.75 0.00	51.70 2.46 0.00	42.60 2.10 0.00	38.17 1.71 0.00	34.16 1.38 0.00
CRICKET___VALLEY_CC2 323757	39.80 1.97 0.00	36.75 1.68 0.00	35.75 1.34 0.00	31.28 1.32 0.00	31.87 1.43 0.00	35.14 1.61 0.00	38.37 1.83 0.00	38.91 1.96 0.00	38.51 2.01 0.00	38.03 2.15 0.00	34.10 1.87 0.00	31.14 1.68 0.00	28.02 1.59 0.00	24.66 1.48 0.00	23.52 1.43 0.00	29.56 1.73 0.00	35.89 2.06 0.00	51.66 2.74 0.00	56.68 2.75 0.00	51.70 2.46 0.00	42.60 2.10 0.00	38.17 1.71 0.00	34.16 1.38 0.00
CRICKET___VALLEY_CC3 323758	39.80 1.97 0.00	36.75 1.68 0.00	35.75 1.34 0.00	31.28 1.32 0.00	31.87 1.43 0.00	35.14 1.61 0.00	38.37 1.83 0.00	38.91 1.96 0.00	38.51 2.01 0.00	38.03 2.15 0.00	34.10 1.87 0.00	31.14 1.68 0.00	28.02 1.59 0.00	24.66 1.48 0.00	23.52 1.43 0.00	29.56 1.73 0.00	35.89 2.06 0.00	51.66 2.74 0.00	56.68 2.75 0.00	51.70 2.46 0.00	42.60 2.10 0.00	38.17 1.71 0.00	34.16 1.38 0.00
CRUCIBLE_METL_DRP 24180	37.07 -0.76 0.00	34.36 -0.70 0.00	33.69 -0.72 0.00	29.43 -0.54 0.00	29.89 -0.55 0.00	32.92 -0.60 0.00	35.96 -0.58 0.00	36.36 -0.59 0.00	35.84 -0.66 0.00	35.11 -0.75 0.01	31.49 -0.71 0.03	28.76 -0.65 0.06	25.69 -0.61 0.14	22.14 -0.58 0.46	21.57 -0.51 0.01	27.17 -0.61 0.05	33.18 -0.64 0.01	47.84 -0.83 0.25	52.93 -0.81 0.19	48.50 -0.64 0.09	39.95 -0.53 0.02	36.06 -0.40 0.00	32.46 -0.33 0.00
DAHOWA___HYDRO 323763	39.61 1.78 0.00	36.64 1.58 0.00	35.82 1.41 0.00	31.32 1.35 0.00	31.93 1.49 0.00	35.27 1.74 0.00	38.41 1.86 0.00	38.80 1.85 0.00	38.43 1.93 0.00	37.67 1.79 0.00	33.72 1.48 0.00	31.14 1.68 0.00	27.78 1.35 0.00	24.31 1.14 0.00	23.17 1.08 0.00	29.28 1.45 0.00	35.35 1.52 0.00	51.36 2.44 0.00	56.78 2.86 0.00	51.65 2.41 0.00	42.36 1.86 0.00	38.03 1.57 0.00	34.06 1.28 0.00
DANC___LFGE 323619	37.64 -0.19 0.00	34.78 -0.28 0.00	34.13 -0.28 0.00	29.76 -0.21 0.00	29.83 -0.61 0.00	32.89 -0.64 0.00	35.89 -0.66 0.00	36.22 -0.74 0.00	35.62 -0.88 0.00	34.87 -1.00 0.00	31.24 -1.00 0.00	28.41 -1.06 0.00	25.32 -1.11 0.00	22.09 -1.09 0.00	21.16 -0.93 0.00	26.72 -1.11 0.00	32.88 -0.95 0.00	48.28 -0.64 0.00	53.82 -0.11 0.00	49.04 -0.20 0.00	40.22 -0.28 0.00	36.13 -0.33 0.00	32.43 -0.36 0.00
DANSKAMMER___1 23586	40.14 2.31 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.17 1.73 0.00	35.47 1.94 0.00	38.70 2.16 0.00	39.21 2.25 0.00	38.80 2.30 0.00	38.28 2.40 0.00	34.33 2.09 0.00	31.32 1.86 0.00	28.15 1.72 0.00	24.75 1.58 0.00	23.65 1.57 0.00	29.76 1.92 0.00	36.19 2.37 0.00	52.20 3.28 0.00	57.33 3.40 0.00	52.29 3.05 0.00	43.01 2.51 0.00	38.50 2.04 0.00	34.52 1.74 0.00
DANSKAMMER___2 23589	40.14 2.31 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.17 1.73 0.00	35.47 1.94 0.00	38.70 2.16 0.00	39.21 2.25 0.00	38.80 2.30 0.00	38.28 2.40 0.00	34.33 2.09 0.00	31.32 1.86 0.00	28.15 1.72 0.00	24.75 1.58 0.00	23.65 1.57 0.00	29.76 1.92 0.00	36.19 2.37 0.00	52.20 3.28 0.00	57.33 3.40 0.00	52.29 3.05 0.00	43.01 2.51 0.00	38.50 2.04 0.00	34.52 1.74 0.00
DANSKAMMER___3 23590	40.14 2.31 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.17 1.73 0.00	35.47 1.94 0.00	38.70 2.16 0.00	39.21 2.25 0.00	38.80 2.30 0.00	38.28 2.40 0.00	34.33 2.09 0.00	31.32 1.86 0.00	28.15 1.72 0.00	24.75 1.58 0.00	23.65 1.57 0.00	29.76 1.92 0.00	36.19 2.37 0.00	52.20 3.28 0.00	57.33 3.40 0.00	52.29 3.05 0.00	43.01 2.51 0.00	38.50 2.04 0.00	34.52 1.74 0.00

DANSKAMMER___4 23591	40.14 2.31 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.17 1.73 0.00	35.47 1.94 0.00	38.70 2.16 0.00	39.21 2.25 0.00	38.80 2.30 0.00	38.28 2.40 0.00	34.33 2.09 0.00	31.32 1.86 0.00	28.15 1.72 0.00	24.75 1.58 0.00	23.65 1.57 0.00	29.76 1.92 0.00	36.19 2.37 0.00	52.20 3.28 0.00	57.33 3.40 0.00	52.29 3.05 0.00	43.01 2.51 0.00	38.50 2.04 0.00	34.52 1.74 0.00
DANSKAMMER___DIESEL 23592	40.18 2.35 0.00	37.10 2.03 0.00	36.09 1.69 0.00	31.58 1.62 0.00	32.20 1.77 0.00	35.47 1.94 0.00	38.70 2.16 0.00	39.21 2.25 0.00	38.80 2.30 0.00	38.28 2.40 0.00	34.33 2.10 0.00	31.38 1.92 0.00	28.18 1.74 0.00	24.80 1.62 0.00	23.65 1.57 0.00	29.76 1.92 0.00	36.19 2.37 0.00	52.24 3.33 0.00	57.33 3.40 0.00	52.29 3.05 0.00	43.01 2.51 0.00	38.50 2.04 0.00	34.52 1.74 0.00
DARBY___SOLAR 323810	39.57 1.74 0.00	36.61 1.54 0.00	35.79 1.38 0.00	31.25 1.29 0.00	31.87 1.43 0.00	35.20 1.68 0.00	38.34 1.79 0.00	38.73 1.77 0.00	38.36 1.86 0.00	37.60 1.72 0.00	33.69 1.45 0.00	31.06 1.59 0.00	27.70 1.27 0.00	24.24 1.07 0.00	23.12 1.04 0.00	29.20 1.36 0.00	35.35 1.52 0.00	51.31 2.40 0.00	56.68 2.75 0.00	51.55 2.31 0.00	42.28 1.78 0.00	37.95 1.50 0.00	34.03 1.25 0.00
DASHVILLE___HYD 23610	39.80 1.97 0.00	36.78 1.72 0.00	35.82 1.41 0.00	31.34 1.38 0.00	31.90 1.46 0.00	35.07 1.54 0.00	38.23 1.68 0.00	38.66 1.70 0.00	38.22 1.72 0.00	37.70 1.83 0.00	33.85 1.61 0.00	30.94 1.47 0.00	27.78 1.35 0.00	24.45 1.27 0.00	23.30 1.21 0.00	29.34 1.50 0.00	35.72 1.89 0.00	51.56 2.64 0.00	56.62 2.70 0.00	51.65 2.41 0.00	42.52 2.02 0.00	38.10 1.64 0.00	34.20 1.41 0.00
DELAWARE___LFGE 323621	38.51 0.68 0.00	35.70 0.63 0.00	34.92 0.52 0.00	30.50 0.54 0.00	30.98 0.55 0.00	34.20 0.67 0.00	37.31 0.77 0.00	37.77 0.81 0.00	37.27 0.77 0.00	36.64 0.75 -0.01	33.01 0.71 -0.06	30.18 0.59 -0.12	27.22 0.50 -0.29	24.55 0.42 -0.95	22.47 0.38 -0.01	28.41 0.47 -0.10	34.55 0.71 -0.01	50.61 1.17 -0.52	55.61 1.29 -0.39	50.56 1.13 -0.19	41.40 0.85 -0.05	37.15 0.69 0.00	33.38 0.59 0.00
DERFIELD_115KV_TB7 355931	37.91 0.08 0.00	35.10 0.04 0.00	34.48 0.07 0.00	30.00 0.03 0.00	30.47 0.03 0.00	33.56 0.03 0.00	36.58 0.04 0.00	36.99 0.04 0.00	36.57 0.07 0.00	35.95 0.07 0.00	32.30 0.06 0.00	29.53 0.06 0.00	26.48 0.05 0.00	23.22 0.05 0.00	22.13 0.04 0.00	27.89 0.06 0.00	33.93 0.10 0.00	49.06 0.15 0.00	54.09 0.16 0.00	49.33 0.10 0.00	40.58 0.08 0.00	36.53 0.07 0.00	32.82 0.03 0.00
DOGLEVILLE___HYD 23807	39.23 1.40 0.00	36.33 1.26 0.00	35.68 1.27 0.00	31.01 1.05 0.00	31.44 1.00 0.00	34.60 1.07 0.00	37.72 1.17 0.00	38.18 1.22 0.00	37.71 1.20 0.00	37.09 1.22 0.00	33.36 1.13 0.00	30.50 1.03 0.00	27.36 0.93 0.00	24.01 0.83 0.00	22.90 0.82 0.00	28.87 1.03 0.00	35.18 1.35 0.00	50.92 2.01 0.00	56.14 2.21 0.00	51.16 1.92 0.00	42.08 1.58 0.00	37.84 1.39 0.00	34.03 1.25 0.00
DUNKIRK___115KV_TB_200 55889	33.18 -4.65 0.00	30.72 -4.35 0.00	30.52 -3.89 0.00	26.76 -3.21 0.00	27.12 -3.32 0.00	30.01 -3.52 0.00	32.82 -3.73 0.00	33.33 -3.62 0.00	32.45 -4.05 0.00	31.10 -4.63 0.15	27.15 -4.22 0.86	23.83 -3.95 1.69	18.97 -3.46 3.99	17.58 -3.06 2.54	19.14 -2.83 0.12	23.86 -3.62 0.36	29.50 -4.30 0.03	37.77 -6.41 4.73	41.77 -6.74 5.42	40.20 -6.35 2.68	34.55 -5.26 0.68	31.90 -4.56 0.00	29.08 -3.70 0.00
DUNKIRK___1 23563	33.18 -4.65 0.00	30.72 -4.35 0.00	30.52 -3.89 0.00	26.76 -3.21 0.00	27.12 -3.32 0.00	30.01 -3.52 0.00	32.82 -3.73 0.00	33.33 -3.62 0.00	32.45 -4.05 0.00	31.10 -4.63 0.15	27.15 -4.22 0.86	23.83 -3.95 1.69	18.97 -3.46 3.99	17.58 -3.06 2.54	19.14 -2.83 0.12	23.86 -3.62 0.36	29.50 -4.30 0.03	37.77 -6.41 4.73	41.77 -6.74 5.42	40.20 -6.35 2.68	34.55 -5.26 0.68	31.90 -4.56 0.00	29.08 -3.70 0.00
DUNKIRK___2 23564	33.18 -4.65 0.00	30.72 -4.35 0.00	30.52 -3.89 0.00	26.76 -3.21 0.00	27.12 -3.32 0.00	30.01 -3.52 0.00	32.82 -3.73 0.00	33.33 -3.62 0.00	32.45 -4.05 0.00	31.10 -4.63 0.15	27.15 -4.22 0.86	23.83 -3.95 1.69	18.97 -3.46 3.99	17.58 -3.06 2.54	19.14 -2.83 0.12	23.86 -3.62 0.36	29.50 -4.30 0.03	37.77 -6.41 4.73	41.77 -6.74 5.42	40.20 -6.35 2.68	34.55 -5.26 0.68	31.90 -4.56 0.00	29.08 -3.70 0.00
DUNKIRK___3 23565	33.33 -4.50 0.00	30.86 -4.21 0.00	30.55 -3.85 0.00	26.85 -3.12 0.00	27.18 -3.26 0.00	30.04 -3.49 0.00	32.82 -3.73 0.00	33.33 -3.62 0.00	32.41 -4.09 0.00	31.13 -4.59 0.15	27.24 -4.13 0.87	23.91 -3.86 1.70	19.06 -3.36 4.01	17.68 -2.97 2.53	19.20 -2.76 0.12	23.95 -3.54 0.36	29.57 -4.23 0.03	37.86 -6.21 4.85	41.91 -6.58 5.44	40.39 -6.15 2.69	34.71 -5.10 0.68	31.97 -4.48 0.00	29.18 -3.61 0.00
DUNKIRK___4 23566	33.33 -4.50 0.00	30.86 -4.21 0.00	30.55 -3.85 0.00	26.85 -3.12 0.00	27.18 -3.26 0.00	30.04 -3.49 0.00	32.82 -3.73 0.00	33.33 -3.62 0.00	32.41 -4.09 0.00	31.13 -4.59 0.15	27.24 -4.13 0.87	23.91 -3.86 1.70	19.06 -3.36 4.01	17.68 -2.97 2.53	19.20 -2.76 0.12	23.95 -3.54 0.36	29.57 -4.23 0.03	37.86 -6.21 4.85	41.91 -6.58 5.44	40.39 -6.15 2.69	34.71 -5.10 0.68	31.97 -4.48 0.00	29.18 -3.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.33 2.50 0.00	37.17 2.10 0.00	36.13 1.72 0.00	31.64 1.68 0.00	32.26 1.83 0.00	35.54 2.01 0.00	38.85 2.30 0.00	39.39 2.44 0.00	39.02 2.52 0.00	38.57 2.69 0.00	34.59 2.35 0.00	31.65 2.18 0.00	28.47 2.04 0.00	25.05 1.88 0.00	23.87 1.79 0.00	30.01 2.17 0.00	36.40 2.57 0.00	52.34 3.42 0.00	57.43 3.51 0.00	52.44 3.20 0.00	43.21 2.71 0.00	38.65 2.19 0.00	34.62 1.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.87 2.04 0.00	36.85 1.79 0.00	35.85 1.45 0.00	31.37 1.41 0.00	31.99 1.55 0.00	35.20 1.68 0.00	38.45 1.90 0.00	38.91 1.96 0.00	38.51 2.01 0.00	37.99 2.12 0.00	34.10 1.87 0.00	31.18 1.71 0.00	28.02 1.59 0.00	24.66 1.48 0.00	23.50 1.41 0.00	29.56 1.73 0.00	35.96 2.13 0.00	51.80 2.89 0.00	56.95 3.02 0.00	51.94 2.71 0.00	42.73 2.23 0.00	38.25 1.79 0.00	34.29 1.51 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.63 2.80 0.00	37.41 2.35 0.00	36.20 1.79 0.00	31.88 1.92 0.00	32.29 1.86 0.00	35.51 1.98 0.00	38.85 2.30 0.00	39.43 2.48 0.00	39.02 2.52 0.00	38.57 2.69 0.00	34.62 2.39 0.00	31.71 2.24 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.92 1.83 0.00	30.04 2.20 0.00	36.43 2.60 0.00	52.34 3.42 0.00	57.33 3.40 0.00	52.44 3.20 0.00	43.21 2.71 0.00	38.68 2.22 0.00	34.66 1.87 0.00

E179THST_13_KV_LOAD 356214	40.78 2.95 0.00	37.52 2.45 0.00	36.34 1.93 0.00	31.97 2.01 0.00	32.42 1.98 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.60 3.67 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
EAST HAMPTON___GT 23717	41.12 3.29 0.00	37.52 2.45 0.00	36.23 1.82 0.00	31.97 2.01 0.00	32.45 2.01 0.00	35.61 2.08 0.00	38.78 2.23 0.00	39.47 2.51 0.00	39.49 2.99 0.00	39.54 3.66 0.00	35.49 3.25 0.00	32.30 2.83 0.00	29.13 2.70 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.74 2.89 -0.01	37.62 3.79 -0.01	53.57 4.65 0.00	58.29 4.37 0.00	53.47 4.23 0.00	44.39 3.89 0.00	39.52 3.06 0.00	35.64 2.85 0.00
EAST RIVER___6 23660	40.40 2.57 0.00	37.24 2.17 0.00	36.13 1.72 0.00	31.67 1.71 0.00	32.26 1.83 0.00	35.61 2.08 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.53 2.71 0.00	52.44 3.52 0.00	57.60 3.67 0.00	52.54 3.30 0.00	43.29 2.79 0.00	38.72 2.26 0.00	34.69 1.90 0.00
EAST RIVER___7 23524	40.40 2.57 0.00	37.24 2.17 0.00	36.13 1.72 0.00	31.67 1.71 0.00	32.26 1.83 0.00	35.61 2.08 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.53 2.71 0.00	52.44 3.52 0.00	57.60 3.67 0.00	52.54 3.30 0.00	43.29 2.79 0.00	38.72 2.26 0.00	34.69 1.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.21 2.38 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.20 1.77 0.00	35.47 1.94 0.00	38.78 2.23 0.00	39.32 2.37 0.00	38.91 2.41 0.00	38.46 2.58 0.00	34.49 2.26 0.00	31.56 2.09 0.00	28.39 1.96 0.00	24.98 1.81 0.00	23.78 1.70 0.00	29.90 2.06 0.00	36.30 2.47 0.00	52.24 3.33 0.00	57.33 3.40 0.00	52.34 3.10 0.00	43.09 2.59 0.00	38.57 2.11 0.00	34.52 1.74 0.00
EAST_HAMPTON___DIESEL 23722	41.04 3.21 0.00	37.45 2.39 0.00	36.13 1.72 0.00	31.91 1.95 0.00	32.39 1.95 0.00	35.54 2.01 0.00	38.70 2.16 0.00	39.36 2.40 0.00	39.42 2.92 0.00	39.46 3.59 0.00	35.43 3.19 0.00	32.24 2.77 0.00	29.08 2.64 0.00	25.49 2.32 0.00	24.34 2.25 0.00	30.69 2.84 -0.01	37.56 3.72 -0.01	53.42 4.50 0.00	58.19 4.26 0.00	53.37 4.14 0.00	44.31 3.81 0.00	39.45 2.99 0.00	35.57 2.79 0.00
EAST_POINT___SOLAR 323840	39.49 1.66 0.00	36.54 1.47 0.00	35.65 1.24 0.00	31.19 1.23 0.00	31.84 1.40 0.00	35.24 1.71 0.00	38.52 1.97 0.00	38.62 1.66 0.00	37.96 1.46 0.00	36.70 0.83 0.00	32.75 0.51 0.00	29.64 0.18 0.00	26.22 -0.21 0.00	22.60 -0.58 0.00	21.31 -0.77 0.00	27.03 -0.81 0.00	33.79 -0.03 0.00	50.97 2.05 0.00	57.06 3.13 0.00	51.84 2.61 0.00	42.48 1.98 0.00	38.06 1.60 0.00	34.06 1.28 0.00
EAST_PULASKI___ESR 323781	37.19 -0.64 0.00	34.40 -0.67 0.00	33.75 -0.65 0.00	29.46 -0.51 0.00	29.71 -0.73 0.00	32.76 -0.77 0.00	35.74 -0.80 0.00	36.11 -0.85 0.00	35.55 -0.95 0.00	34.80 -1.08 0.00	31.20 -1.03 0.00	28.41 -1.06 0.00	25.40 -1.03 0.00	22.18 -1.00 0.00	21.20 -0.88 0.00	26.81 -1.03 0.00	32.84 -0.98 0.00	47.99 -0.93 0.00	53.34 -0.59 0.00	48.70 -0.54 0.00	39.97 -0.53 0.00	35.95 -0.51 0.00	32.30 -0.49 0.00
EAST_RIVER___1 323558	40.48 2.65 0.00	37.31 2.25 0.00	36.20 1.79 0.00	31.73 1.77 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.53 2.71 0.00	52.44 3.52 0.00	57.60 3.67 0.00	52.54 3.30 0.00	43.33 2.83 0.00	38.79 2.34 0.00	34.75 1.97 0.00
EAST_RIVER___2 323559	40.40 2.57 0.00	37.24 2.17 0.00	36.13 1.72 0.00	31.67 1.71 0.00	32.26 1.83 0.00	35.61 2.08 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.53 2.71 0.00	52.44 3.52 0.00	57.60 3.67 0.00	52.54 3.30 0.00	43.29 2.79 0.00	38.72 2.26 0.00	34.69 1.90 0.00
EAST___DELAWARE_HYD 23607	40.02 2.19 0.00	36.99 1.93 0.00	35.99 1.58 0.00	31.49 1.53 0.00	32.08 1.64 0.00	35.37 1.84 0.00	38.56 2.01 0.00	39.02 2.07 0.00	38.58 2.08 0.00	38.03 2.15 0.00	34.10 1.87 0.00	31.09 1.62 0.00	27.94 1.51 0.00	24.54 1.37 0.00	23.45 1.37 0.00	29.53 1.70 0.00	35.99 2.17 0.00	52.05 3.13 0.00	57.33 3.40 0.00	52.24 3.00 0.00	42.93 2.43 0.00	38.39 1.93 0.00	34.46 1.67 0.00
EIGHT_POINT___WT_PWR 323820	34.43 -3.40 0.00	31.73 -3.33 0.00	31.11 -3.30 0.00	27.48 -2.49 0.00	27.76 -2.68 0.00	30.61 -2.92 0.00	33.55 -3.00 0.00	34.04 -2.92 0.00	33.18 -3.32 0.00	31.99 -3.77 0.12	28.09 -3.51 0.63	24.97 -3.27 1.22	20.60 -2.96 2.87	15.98 -2.74 4.46	19.36 -2.63 0.10	24.11 -3.20 0.53	30.08 -3.69 0.06	43.19 -4.89 0.83	44.92 -5.12 3.89	42.58 -4.73 1.93	36.11 -3.89 0.50	32.99 -3.46 0.00	30.00 -2.79 0.00
ELBRIDGE_115KV_TB2 80188	36.88 -0.95 0.00	34.19 -0.88 0.00	33.48 -0.93 0.00	29.31 -0.66 0.00	29.74 -0.70 0.00	32.76 -0.77 0.00	35.78 -0.77 0.00	36.18 -0.78 0.00	35.62 -0.88 0.00	34.90 -0.97 0.01	31.33 -0.87 0.04	28.57 -0.83 0.07	25.50 -0.77 0.16	21.94 -0.70 0.54	21.46 -0.62 0.01	27.00 -0.78 0.06	32.97 -0.85 0.01	47.50 -1.13 0.30	52.63 -1.08 0.22	48.19 -0.94 0.11	39.70 -0.77 0.03	35.84 -0.62 0.00	32.26 -0.52 0.00
ELEC_TRO_TEK 24086	40.67 2.84 0.00	37.34 2.28 0.00	36.20 1.79 0.00	31.82 1.86 0.00	32.45 2.01 0.00	35.61 2.08 0.00	38.89 2.34 0.00	39.47 2.51 0.00	39.24 2.74 0.00	39.00 3.12 0.00	35.07 2.84 0.00	32.06 2.59 0.00	28.86 2.43 0.00	25.38 2.20 0.00	24.16 2.08 0.00	30.43 2.59 0.00	36.94 3.11 0.00	52.78 3.86 0.00	57.70 3.77 0.00	52.83 3.59 0.00	43.78 3.28 0.00	38.97 2.52 0.00	34.98 2.20 0.00
ELLENBURG_WT_PWR 323604	37.07 -0.76 0.00	34.47 -0.60 0.00	34.41 0.00 0.00	29.46 -0.51 0.00	29.89 -0.55 0.00	32.89 -0.64 0.00	35.71 -0.84 0.00	36.03 -0.92 0.00	35.66 -0.84 0.00	35.19 -0.68 0.00	31.69 -0.55 0.00	28.99 -0.47 0.00	26.04 -0.40 0.00	22.85 -0.32 0.00	21.73 -0.35 0.00	27.28 -0.56 0.00	33.01 -0.81 0.00	47.79 -1.12 0.00	52.58 -1.35 0.00	48.01 -1.23 0.00	39.41 -1.09 0.00	35.48 -0.98 0.00	31.90 -0.88 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.21 -4.62 0.00	30.75 -4.31 0.00	30.31 -4.09 0.00	26.76 -3.21 0.00	27.03 -3.41 0.00	29.81 -3.72 0.00	32.45 -4.09 0.00	32.96 -3.99 0.00	32.08 -4.42 0.00	30.73 -4.99 0.15	26.89 -4.45 0.90	23.61 -4.10 1.76	18.68 -3.59 4.16	17.57 -3.18 2.43	19.02 -2.94 0.12	23.67 -3.81 0.35	29.26 -4.53 0.03	37.14 -6.75 5.03	41.11 -7.17 5.64	39.80 -6.65 2.79	34.28 -5.51 0.71	31.76 -4.70 0.00	29.02 -3.77 0.00
EMPIRE_CC_1 323656	39.15 1.32 0.00	36.33 1.26 0.00	35.48 1.07 0.00	30.95 0.99 0.00	31.53 1.09 0.00	34.73 1.21 0.00	37.68 1.13 0.00	38.10 1.15 0.00	37.67 1.17 0.00	37.13 1.25 0.00	33.43 1.19 0.00	30.59 1.12 0.00	27.44 1.00 0.00	24.06 0.88 0.00	22.92 0.84 0.00	28.89 1.06 0.00	35.11 1.29 0.00	50.53 1.61 0.00	55.49 1.56 0.00	50.61 1.38 0.00	41.63 1.13 0.00	37.48 1.02 0.00	33.64 0.85 0.00
EMPIRE_CC_2 323658	39.15 1.32 0.00	36.33 1.26 0.00	35.48 1.07 0.00	30.95 0.99 0.00	31.53 1.09 0.00	34.73 1.21 0.00	37.68 1.13 0.00	38.10 1.15 0.00	37.67 1.17 0.00	37.13 1.25 0.00	33.43 1.19 0.00	30.59 1.12 0.00	27.44 1.00 0.00	24.06 0.88 0.00	22.92 0.84 0.00	28.89 1.06 0.00	35.11 1.29 0.00	50.53 1.61 0.00	55.49 1.56 0.00	50.61 1.38 0.00	41.63 1.13 0.00	37.48 1.02 0.00	33.64 0.85 0.00
ENORWICH_115KV_TB1 80156	38.51 0.68 0.00	35.70 0.63 0.00	35.03 0.62 0.00	30.59 0.63 0.00	31.11 0.67 0.00	34.50 0.97 0.00	37.72 1.17 0.00	38.10 1.15 0.00	37.38 0.88 0.00	36.53 0.65 -0.01	32.75 0.48 -0.03	29.76 0.24 -0.06	26.65 0.08 -0.14	23.56 -0.09 -0.47	22.13 0.04 -0.01	28.14 0.25 -0.05	34.71 0.88 -0.01	51.54 2.10 -0.52	56.82 2.70 -0.19	51.60 2.26 -0.10	42.02 1.50 -0.03	37.66 1.20 0.00	33.80 1.02 0.00
ERIE_ST__34_KV_TB1-2 80199	33.71 -4.12 0.00	31.21 -3.86 0.00	30.69 -3.72 0.00	27.12 -2.85 0.00	27.42 -3.01 0.00	30.24 -3.29 0.00	33.00 -3.55 0.00	33.52 -3.44 0.00	32.60 -3.91 0.00	31.56 -4.16 0.16	27.55 -3.80 0.88	24.17 -3.57 1.73	19.43 -2.93 4.07	18.22 -2.53 2.43	19.46 -2.50 0.13	24.51 -2.98 0.35	30.04 -3.75 0.03	38.86 -5.43 4.62	42.69 -5.72 5.52	40.99 -5.51 2.74	35.43 -4.37 0.70	32.30 -4.16 0.00	29.51 -3.28 0.00
ERIE_WT_PWR 323693	33.59 -4.24 0.00	31.00 -4.07 0.00	30.56 -3.85 0.00	27.00 -2.97 0.00	27.36 -3.07 0.00	29.97 -3.55 0.00	32.67 -3.87 0.00	33.19 -3.77 0.00	32.27 -4.23 0.00	31.02 -4.70 0.16	27.08 -4.26 0.89	23.80 -3.92 1.75	18.92 -3.38 4.13	17.73 -2.99 2.45	19.09 -2.87 0.13	23.89 -3.59 0.35	29.50 -4.30 0.03	37.81 -6.26 4.84	41.64 -6.69 5.60	40.16 -6.30 2.77	34.69 -5.10 0.71	31.97 -4.49 0.00	29.34 -3.44 0.00
ESPRGFLD_115KV_TB1 80157	38.32 0.49 0.00	35.49 0.42 0.00	34.72 0.31 0.00	30.32 0.36 0.00	30.86 0.43 0.00	34.10 0.57 0.00	37.24 0.69 0.00	37.55 0.59 0.00	37.01 0.51 0.00	36.17 0.29 -0.01	32.46 0.19 -0.03	29.59 0.06 -0.06	26.47 -0.11 -0.15	23.38 -0.28 -0.49	21.78 -0.31 -0.01	27.61 -0.28 -0.05	33.93 0.10 -0.01	50.11 0.93 -0.26	55.47 1.35 -0.20	50.42 1.08 -0.10	41.34 0.81 -0.03	37.04 0.58 0.00	33.21 0.43 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.64 -0.19 0.00	34.85 -0.21 0.00	34.17 -0.24 0.00	29.88 -0.09 0.00	30.32 -0.12 0.00	33.46 -0.07 0.00	36.58 0.04 0.00	36.96 0.00 0.00	36.28 -0.22 0.00	35.46 -0.39 0.02	31.73 -0.42 0.09	28.86 -0.44 0.16	25.57 -0.48 0.38	21.44 -0.46 1.27	21.69 -0.38 0.02	27.31 -0.39 0.14	33.61 -0.20 0.02	48.56 0.00 0.36	53.63 0.22 0.52	49.17 0.20 0.26	40.51 0.08 0.07	36.53 0.07 0.00	32.85 0.07 0.00
ETNA_____115KV_TB2 80207	37.64 -0.19 0.00	34.85 -0.21 0.00	34.17 -0.24 0.00	29.88 -0.09 0.00	30.32 -0.12 0.00	33.46 -0.07 0.00	36.58 0.04 0.00	36.96 0.00 0.00	36.28 -0.22 0.00	35.46 -0.39 0.02	31.73 -0.42 0.09	28.86 -0.44 0.16	25.57 -0.48 0.38	21.44 -0.46 1.27	21.69 -0.38 0.02	27.31 -0.39 0.14	33.61 -0.20 0.02	48.56 0.00 0.36	53.63 0.22 0.52	49.17 0.20 0.26	40.51 0.08 0.07	36.53 0.07 0.00	32.85 0.07 0.00
EUCLID__115KV_TB2 356179	36.69 -1.13 0.00	34.01 -1.05 0.00	33.34 -1.07 0.00	29.16 -0.81 0.00	29.58 -0.85 0.00	32.59 -0.94 0.00	35.56 -0.99 0.00	35.96 -1.00 0.00	35.48 -1.02 0.00	34.76 -1.11 0.00	31.24 -1.00 0.00	28.55 -0.91 0.00	25.59 -0.85 0.00	22.41 -0.76 0.00	21.40 -0.68 0.00	26.97 -0.86 0.00	32.85 -0.98 0.00	47.55 -1.37 0.00	52.53 -1.40 0.00	48.05 -1.18 0.00	39.53 -0.97 0.00	35.66 -0.80 0.00	32.10 -0.69 0.00
E_CANADA_CAP_HY 24051	38.70 0.87 0.00	35.84 0.77 0.00	34.99 0.58 0.00	30.60 0.63 0.00	31.17 0.73 0.00	34.50 0.97 0.00	37.64 1.10 0.00	37.81 0.85 0.00	37.23 0.73 0.00	36.27 0.40 0.00	32.46 0.23 0.00	29.50 0.03 0.00	26.19 -0.24 0.00	22.69 -0.49 0.00	21.53 -0.55 0.00	27.31 -0.53 0.00	33.83 0.00 0.00	50.14 1.22 0.00	55.71 1.78 0.00	50.66 1.43 0.00	41.63 1.13 0.00	37.33 0.87 0.00	33.44 0.66 0.00
E_CANADA_MHWK_HY 24050	39.23 1.40 0.00	36.33 1.26 0.00	35.68 1.27 0.00	31.01 1.05 0.00	31.47 1.04 0.00	34.60 1.07 0.00	37.72 1.17 0.00	38.17 1.22 0.00	37.70 1.20 0.00	37.10 1.22 0.00	33.36 1.13 0.00	30.50 1.03 0.00	27.38 0.95 0.00	24.01 0.83 0.00	22.90 0.82 0.00	28.87 1.03 0.00	35.18 1.35 0.00	50.92 2.01 0.00	56.14 2.21 0.00	51.15 1.92 0.00	42.08 1.58 0.00	37.84 1.39 0.00	34.03 1.25 0.00
E_FISHKILL__LBMP 23776	39.87 2.04 0.00	36.82 1.75 0.00	35.82 1.41 0.00	31.37 1.41 0.00	31.96 1.52 0.00	35.20 1.68 0.00	38.45 1.90 0.00	38.95 2.00 0.00	38.54 2.04 0.00	38.06 2.19 0.00	34.17 1.93 0.00	31.26 1.80 0.00	28.10 1.67 0.00	24.71 1.53 0.00	23.54 1.46 0.00	29.59 1.75 0.00	35.96 2.13 0.00	51.76 2.84 0.00	56.79 2.86 0.00	51.85 2.61 0.00	42.69 2.19 0.00	38.25 1.79 0.00	34.26 1.48 0.00
FALCON__SEABRD_CC1 323796	37.41 -0.42 0.00	34.82 -0.24 0.00	34.75 0.34 0.00	29.72 -0.24 0.00	30.16 -0.27 0.00	33.23 -0.30 0.00	36.04 -0.51 0.00	36.36 -0.59 0.00	35.95 -0.55 0.00	35.55 -0.32 0.00	32.01 -0.22 0.00	29.29 -0.18 0.00	26.27 -0.16 0.00	23.06 -0.12 0.00	21.95 -0.13 0.00	27.53 -0.31 0.00	33.28 -0.54 0.00	48.28 -0.64 0.00	53.17 -0.76 0.00	48.50 -0.74 0.00	39.77 -0.73 0.00	35.77 -0.69 0.00	32.16 -0.62 0.00
FALCON__SEABRD_CC2 323797	37.41 -0.42 0.00	34.82 -0.24 0.00	34.75 0.34 0.00	29.72 -0.24 0.00	30.16 -0.27 0.00	33.23 -0.30 0.00	36.04 -0.51 0.00	36.36 -0.59 0.00	35.95 -0.55 0.00	35.55 -0.32 0.00	32.01 -0.22 0.00	29.29 -0.18 0.00	26.27 -0.16 0.00	23.06 -0.12 0.00	21.95 -0.13 0.00	27.53 -0.31 0.00	33.28 -0.54 0.00	48.28 -0.64 0.00	53.17 -0.76 0.00	48.50 -0.74 0.00	39.77 -0.73 0.00	35.77 -0.69 0.00	32.16 -0.62 0.00

FAR ROCKAWAY___4 23548	41.08 3.25 0.00	37.73 2.66 0.00	36.54 2.13 0.00	32.12 2.16 0.00	32.75 2.31 0.00	35.98 2.45 0.00	39.25 2.70 0.00	39.88 2.92 0.00	39.68 3.18 0.00	39.43 3.55 0.00	35.43 3.19 0.00	32.41 2.95 0.00	29.18 2.75 0.00	25.66 2.48 0.00	24.43 2.34 0.00	30.76 2.92 0.00	37.31 3.48 0.00	53.37 4.45 0.00	58.40 4.48 0.00	53.42 4.19 0.00	44.23 3.73 0.00	39.34 2.88 0.00	35.34 2.56 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.52 2.69 0.00	37.34 2.28 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.67 2.15 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.20 2.70 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.60 3.67 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.75 1.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.55 2.72 0.00	37.34 2.28 0.00	36.27 1.86 0.00	31.79 1.83 0.00	32.39 1.95 0.00	35.67 2.15 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.20 2.70 0.00	38.74 2.87 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.65 3.72 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.52 2.69 0.00	37.31 2.24 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.67 2.15 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.20 2.70 0.00	38.71 2.83 0.00	34.75 2.51 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.49 3.57 0.00	57.60 3.67 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.79 2.33 0.00	34.75 1.97 0.00
FARRAGUT___LBMP 323566	40.48 2.65 0.00	37.31 2.24 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.35 1.92 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.67 2.80 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.17 1.99 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.53 2.71 0.00	52.49 3.57 0.00	57.54 3.61 0.00	52.58 3.35 0.00	43.33 2.83 0.00	38.79 2.33 0.00	34.72 1.93 0.00
FENNER___WINDPWR 24204	37.91 0.08 0.00	35.10 0.04 0.00	34.48 0.07 0.00	30.06 0.09 0.00	30.44 0.00 0.00	33.56 0.03 0.00	36.66 0.11 0.00	37.03 0.07 0.00	36.50 0.00 0.00	35.77 -0.11 0.00	32.11 -0.13 0.00	29.32 -0.15 0.00	26.25 -0.18 0.00	22.97 -0.21 0.00	21.93 -0.15 0.00	27.67 -0.17 0.00	33.79 -0.03 0.00	49.11 0.20 0.00	54.36 0.43 0.00	49.58 0.35 0.00	40.74 0.24 0.00	36.64 0.18 0.00	32.95 0.16 0.00
FIBERTEK___ENERGY 23856	37.07 -0.76 0.00	34.36 -0.70 0.00	33.69 -0.72 0.00	29.43 -0.54 0.00	29.89 -0.55 0.00	32.92 -0.60 0.00	35.96 -0.58 0.00	36.36 -0.59 0.00	35.84 -0.66 0.00	35.11 -0.75 0.01	31.49 -0.71 0.03	28.76 -0.65 0.06	25.69 -0.61 0.14	22.14 -0.58 0.46	21.57 -0.51 0.01	27.17 -0.61 0.05	33.18 -0.64 0.01	47.84 -0.83 0.25	52.93 -0.81 0.19	48.50 -0.64 0.09	39.95 -0.53 0.02	36.06 -0.40 0.00	32.46 -0.33 0.00
FITZPATRICK___ 23598	36.28 -1.55 0.00	33.63 -1.44 0.00	32.96 -1.44 0.00	28.80 -1.17 0.00	29.25 -1.19 0.00	32.19 -1.34 0.00	35.08 -1.46 0.00	35.51 -1.44 0.00	35.00 -1.50 0.00	34.33 -1.54 0.00	30.85 -1.39 0.00	28.23 -1.24 0.00	25.30 -1.14 0.00	22.18 -1.00 0.00	21.14 -0.95 0.00	26.67 -1.17 0.00	32.44 -1.39 0.00	46.96 -1.96 0.00	51.88 -2.05 0.00	47.47 -1.77 0.00	39.08 -1.42 0.00	35.26 -1.20 0.00	31.77 -1.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.25 2.42 0.00	37.17 2.10 0.00	36.16 1.75 0.00	31.64 1.68 0.00	32.26 1.83 0.00	35.54 2.01 0.00	38.78 2.23 0.00	39.28 2.33 0.00	38.87 2.37 0.00	38.35 2.48 0.00	34.39 2.16 0.00	31.44 1.97 0.00	28.23 1.80 0.00	24.85 1.67 0.00	23.70 1.61 0.00	29.84 2.00 0.00	36.30 2.47 0.00	52.34 3.42 0.00	57.49 3.56 0.00	52.39 3.15 0.00	43.09 2.59 0.00	38.57 2.11 0.00	34.59 1.80 0.00
FORT ORANGE___ 23900	39.57 1.74 0.00	36.64 1.58 0.00	35.82 1.41 0.00	31.25 1.29 0.00	31.81 1.37 0.00	35.07 1.54 0.00	38.15 1.61 0.00	38.54 1.59 0.00	38.14 1.64 0.00	37.45 1.58 0.00	33.65 1.42 0.00	30.73 1.27 0.00	27.57 1.14 0.00	24.15 0.97 0.00	23.03 0.95 0.00	29.06 1.22 0.00	35.42 1.59 0.00	51.17 2.25 0.00	56.36 2.43 0.00	51.35 2.12 0.00	42.24 1.74 0.00	37.92 1.46 0.00	34.03 1.25 0.00
FORT_DRUM_COGEN 23780	38.17 0.34 0.00	35.24 0.18 0.00	34.65 0.24 0.00	30.15 0.18 0.00	30.01 -0.43 0.00	33.13 -0.40 0.00	36.07 -0.48 0.00	36.36 -0.59 0.00	35.77 -0.73 0.00	35.01 -0.86 0.00	31.33 -0.90 0.00	28.43 -1.03 0.00	25.35 -1.08 0.00	22.06 -1.11 0.00	21.20 -0.88 0.00	26.78 -1.06 0.00	32.95 -0.88 0.00	48.62 -0.29 0.00	54.36 0.43 0.00	49.48 0.25 0.00	40.50 0.00 0.00	36.35 -0.11 0.00	32.59 -0.20 0.00
FOX_HILLS___ESR 323835	40.48 2.65 0.00	37.34 2.28 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.23 1.80 0.00	35.54 2.01 0.00	38.89 2.34 0.00	39.43 2.48 0.00	39.02 2.52 0.00	38.60 2.73 0.00	34.59 2.35 0.00	31.62 2.15 0.00	28.47 2.04 0.00	25.05 1.88 0.00	23.94 1.86 0.00	30.04 2.20 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.60 3.67 0.00	52.59 3.35 0.00	43.33 2.83 0.00	38.79 2.34 0.00	34.75 1.97 0.00
FPL_FAR_ROCK_GT1 24212	41.08 3.25 0.00	37.66 2.59 0.00	36.47 2.06 0.00	32.09 2.13 0.00	32.66 2.22 0.00	35.94 2.42 0.00	39.25 2.70 0.00	39.87 2.92 0.00	39.67 3.17 0.00	39.43 3.55 0.00	35.43 3.19 0.00	32.32 2.86 0.00	29.13 2.70 0.00	25.61 2.43 0.00	24.42 2.34 0.00	30.74 2.89 -0.01	37.32 3.48 -0.01	53.37 4.45 0.00	58.40 4.47 0.00	53.37 4.14 0.00	44.18 3.68 0.00	39.34 2.88 0.00	35.35 2.56 0.00
FPL_FAR_ROCK_GT2 23815	41.08 3.25 0.00	37.66 2.59 0.00	36.47 2.06 0.00	32.09 2.13 0.00	32.66 2.22 0.00	35.94 2.42 0.00	39.25 2.70 0.00	39.87 2.92 0.00	39.67 3.17 0.00	39.43 3.55 0.00	35.43 3.19 0.00	32.32 2.86 0.00	29.13 2.70 0.00	25.61 2.43 0.00	24.42 2.34 0.00	30.74 2.89 -0.01	37.32 3.48 -0.01	53.37 4.45 0.00	58.40 4.47 0.00	53.37 4.14 0.00	44.18 3.68 0.00	39.34 2.88 0.00	35.35 2.56 0.00
FRANKLIN_FALL_HYD 24054	37.57 -0.26 0.00	34.92 -0.14 0.00	34.79 0.38 0.00	29.82 -0.15 0.00	30.22 -0.21 0.00	33.33 -0.20 0.00	36.22 -0.33 0.00	36.55 -0.41 0.00	36.17 -0.33 0.00	35.66 -0.22 0.00	32.04 -0.19 0.00	29.29 -0.18 0.00	26.30 -0.13 0.00	23.04 -0.14 0.00	21.95 -0.13 0.00	27.59 -0.25 0.00	33.25 -0.58 0.00	48.28 -0.64 0.00	53.39 -0.54 0.00	48.65 -0.59 0.00	39.97 -0.53 0.00	35.91 -0.55 0.00	32.29 -0.49 0.00

FREEPORT_EQUS_GT1 23764	40.89 3.06 0.00	37.52 2.45 0.00	36.27 1.86 0.00	31.94 1.98 0.00	32.51 2.07 0.00	35.77 2.25 0.00	39.07 2.52 0.00	39.65 2.70 0.00	39.46 2.96 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.18 2.71 0.00	29.00 2.56 0.00	25.49 2.32 0.00	24.31 2.23 0.00	30.63 2.78 -0.01	37.18 3.35 -0.01	53.07 4.16 0.00	58.02 4.10 0.00	53.12 3.89 0.00	43.98 3.48 0.00	39.19 2.74 0.00	35.25 2.46 0.00
FREEPORT___CT2 23818	40.89 3.06 0.00	37.52 2.45 0.00	36.27 1.86 0.00	31.94 1.98 0.00	32.51 2.07 0.00	35.77 2.25 0.00	39.07 2.52 0.00	39.65 2.70 0.00	39.46 2.96 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.18 2.71 0.00	29.00 2.56 0.00	25.49 2.32 0.00	24.31 2.23 0.00	30.63 2.78 -0.01	37.18 3.35 -0.01	53.07 4.16 0.00	58.02 4.10 0.00	53.12 3.89 0.00	43.98 3.48 0.00	39.19 2.74 0.00	35.25 2.46 0.00
FRESHKLS_33_KV_LOAD 356253	40.55 2.72 0.00	37.41 2.35 0.00	36.20 1.79 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.57 2.05 0.00	38.89 2.34 0.00	39.47 2.51 0.00	39.02 2.52 0.00	38.57 2.69 0.00	34.62 2.39 0.00	31.71 2.24 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.92 1.83 0.00	30.06 2.23 0.00	36.53 2.71 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.75 1.97 0.00
FULTON COGEN____ 23766	36.54 -1.29 0.00	33.84 -1.23 0.00	33.17 -1.24 0.00	29.01 -0.96 0.00	29.43 -1.00 0.00	32.39 -1.14 0.00	35.38 -1.17 0.00	35.77 -1.18 0.00	35.30 -1.20 0.00	34.58 -1.29 0.00	31.04 -1.19 0.00	28.38 -1.09 0.00	25.43 -1.00 0.00	22.25 -0.93 0.00	21.24 -0.84 0.00	26.81 -1.03 0.00	32.64 -1.18 0.00	47.30 -1.61 0.00	52.36 -1.56 0.00	47.86 -1.38 0.00	39.37 -1.13 0.00	35.55 -0.91 0.00	32.00 -0.79 0.00
FULTON___LFGE 323630	39.34 1.51 0.00	36.40 1.33 0.00	35.54 1.13 0.00	31.07 1.11 0.00	31.69 1.25 0.00	35.04 1.51 0.00	38.27 1.72 0.00	38.36 1.40 0.00	37.78 1.28 0.00	36.77 0.90 0.00	32.91 0.68 0.00	29.91 0.44 0.00	26.56 0.13 0.00	23.04 -0.14 0.00	21.84 -0.24 0.00	27.73 -0.11 0.00	34.40 0.57 0.00	51.02 2.10 0.00	56.68 2.75 0.00	51.55 2.31 0.00	42.28 1.78 0.00	37.88 1.42 0.00	33.93 1.15 0.00
G.F.CEMENT___DRP 24184	39.65 1.82 0.00	36.68 1.61 0.00	35.85 1.45 0.00	31.31 1.35 0.00	31.96 1.52 0.00	35.34 1.81 0.00	38.52 1.97 0.00	38.88 1.92 0.00	38.54 2.04 0.00	37.78 1.90 0.00	33.81 1.58 0.00	30.82 1.36 0.00	27.46 1.03 0.00	24.01 0.83 0.00	22.88 0.80 0.00	28.95 1.11 0.00	35.42 1.59 0.00	51.51 2.59 0.00	56.95 3.02 0.00	51.75 2.51 0.00	42.40 1.90 0.00	38.03 1.57 0.00	34.13 1.34 0.00
GARDENVILLE___LBMP 24039	33.29 -4.54 0.00	30.82 -4.24 0.00	30.38 -4.03 0.00	26.82 -3.15 0.00	27.09 -3.35 0.00	29.87 -3.65 0.00	32.56 -3.98 0.00	33.08 -3.88 0.00	32.16 -4.34 0.00	30.88 -4.84 0.15	26.99 -4.35 0.89	23.72 -4.01 1.74	18.83 -3.49 4.12	17.58 -3.08 2.51	19.09 -2.87 0.13	23.78 -3.70 0.36	29.36 -4.43 0.03	37.19 -6.51 5.23	41.39 -6.96 5.58	40.02 -6.45 2.76	34.45 -5.35 0.70	31.83 -4.63 0.00	29.11 -3.67 0.00
GARDNVLA_35_KV_LD 355827	33.44 -4.39 0.00	30.96 -4.10 0.00	30.49 -3.92 0.00	26.94 -3.03 0.00	27.21 -3.23 0.00	30.01 -3.52 0.00	32.75 -3.80 0.00	33.26 -3.70 0.00	32.38 -4.12 0.00	31.05 -4.66 0.16	27.12 -4.22 0.90	23.83 -3.89 1.75	18.92 -3.38 4.13	17.77 -2.97 2.44	19.22 -2.74 0.13	23.95 -3.54 0.35	29.60 -4.19 0.03	37.88 -6.26 4.77	41.69 -6.63 5.60	40.21 -6.25 2.78	34.65 -5.14 0.71	32.05 -4.41 0.00	29.28 -3.51 0.00
GELCKHM___115KV_LOAD 80723	36.85 -0.98 0.00	34.15 -0.91 0.00	33.45 -0.96 0.00	29.25 -0.72 0.00	29.68 -0.76 0.00	32.69 -0.84 0.00	35.71 -0.84 0.00	36.11 -0.85 0.00	35.59 -0.91 0.00	34.87 -1.00 0.00	31.33 -0.90 0.00	28.64 -0.83 0.00	25.67 -0.77 0.00	22.48 -0.70 0.00	21.47 -0.62 0.00	27.06 -0.78 0.00	32.98 -0.85 0.00	47.74 -1.17 0.00	52.74 -1.19 0.00	48.25 -0.98 0.00	39.69 -0.81 0.00	35.80 -0.66 0.00	32.23 -0.56 0.00
GENERAL___MILLS 23808	33.40 -4.43 0.00	30.89 -4.17 0.00	30.42 -3.99 0.00	26.88 -3.09 0.00	27.15 -3.29 0.00	29.94 -3.59 0.00	32.67 -3.87 0.00	33.19 -3.77 0.00	32.27 -4.23 0.00	30.98 -4.74 0.16	27.05 -4.29 0.89	23.77 -3.95 1.75	18.89 -3.41 4.13	17.71 -3.01 2.45	19.15 -2.80 0.13	23.92 -3.56 0.35	29.50 -4.30 0.03	37.72 -6.36 4.84	41.59 -6.74 5.60	40.11 -6.35 2.77	34.61 -5.18 0.71	31.94 -4.52 0.00	29.21 -3.57 0.00
GE_PLASTICS___DRP 24183	39.15 1.32 0.00	36.29 1.23 0.00	35.48 1.07 0.00	30.95 0.99 0.00	31.50 1.07 0.00	34.70 1.17 0.00	37.79 1.24 0.00	38.21 1.26 0.00	37.78 1.28 0.00	37.20 1.33 0.00	33.40 1.16 0.00	30.53 1.06 0.00	27.38 0.95 0.00	24.01 0.83 0.00	22.86 0.77 0.00	28.81 0.97 0.00	35.08 1.25 0.00	50.63 1.71 0.00	55.76 1.83 0.00	50.81 1.58 0.00	41.80 1.30 0.00	37.59 1.13 0.00	33.74 0.95 0.00
GILBOA___1 23756	38.85 1.02 0.00	36.08 1.02 0.00	35.27 0.86 0.00	30.77 0.81 0.00	31.20 0.76 0.00	34.40 0.87 0.00	37.50 0.95 0.00	37.95 1.00 0.00	37.52 1.02 0.00	36.92 1.04 0.00	33.27 1.03 0.00	30.41 0.94 0.00	27.28 0.85 0.00	23.94 0.76 0.00	22.75 0.66 0.00	28.64 0.81 0.00	34.84 1.01 0.00	50.34 1.42 0.00	55.39 1.46 0.00	50.51 1.28 0.00	41.55 1.05 0.00	37.33 0.87 0.00	33.51 0.72 0.00
GILBOA___2 23757	38.85 1.02 0.00	36.08 1.02 0.00	35.27 0.86 0.00	30.77 0.81 0.00	31.20 0.76 0.00	34.40 0.87 0.00	37.50 0.95 0.00	37.95 1.00 0.00	37.52 1.02 0.00	36.92 1.04 0.00	33.27 1.03 0.00	30.41 0.94 0.00	27.28 0.85 0.00	23.94 0.76 0.00	22.75 0.66 0.00	28.64 0.81 0.00	34.84 1.01 0.00	50.34 1.42 0.00	55.39 1.46 0.00	50.51 1.28 0.00	41.55 1.05 0.00	37.33 0.87 0.00	33.51 0.72 0.00
GILBOA___3 23758	38.85 1.02 0.00	36.08 1.02 0.00	35.27 0.86 0.00	30.77 0.81 0.00	31.20 0.76 0.00	34.40 0.87 0.00	37.50 0.95 0.00	37.95 1.00 0.00	37.52 1.02 0.00	36.92 1.04 0.00	33.27 1.03 0.00	30.41 0.94 0.00	27.28 0.85 0.00	23.94 0.76 0.00	22.75 0.66 0.00	28.64 0.81 0.00	34.84 1.01 0.00	50.34 1.42 0.00	55.39 1.46 0.00	50.51 1.28 0.00	41.55 1.05 0.00	37.33 0.87 0.00	33.51 0.72 0.00
GILBOA___4 23759	38.85 1.02 0.00	36.08 1.02 0.00	35.27 0.86 0.00	30.77 0.81 0.00	31.20 0.76 0.00	34.40 0.87 0.00	37.50 0.95 0.00	37.95 1.00 0.00	37.52 1.02 0.00	36.92 1.04 0.00	33.27 1.03 0.00	30.41 0.94 0.00	27.28 0.85 0.00	23.94 0.76 0.00	22.75 0.66 0.00	28.64 0.81 0.00	34.84 1.01 0.00	50.34 1.42 0.00	55.39 1.46 0.00	50.51 1.28 0.00	41.55 1.05 0.00	37.33 0.87 0.00	33.51 0.72 0.00

GILBOA____ 23599	38.85 1.02 0.00	36.08 1.02 0.00	35.27 0.86 0.00	30.80 0.84 0.00	31.23 0.79 0.00	34.40 0.87 0.00	37.50 0.95 0.00	37.95 1.00 0.00	37.52 1.02 0.00	36.92 1.04 0.00	33.27 1.03 0.00	30.41 0.94 0.00	27.28 0.85 0.00	23.94 0.76 0.00	22.72 0.64 0.00	28.64 0.81 0.00	34.84 1.01 0.00	50.34 1.42 0.00	55.38 1.46 0.00	50.52 1.28 0.00	41.55 1.05 0.00	37.33 0.88 0.00	33.51 0.72 0.00
GINNA____ 23603	34.58 -3.25 0.00	31.94 -3.12 0.00	31.35 -3.06 0.00	27.51 -2.46 0.00	27.94 -2.50 0.00	30.71 -2.82 0.00	33.59 -2.96 0.00	33.96 -2.99 0.00	33.40 -3.10 0.00	32.51 -3.37 0.00	29.17 -3.13 -0.06	26.65 -2.95 -0.13	23.98 -2.77 -0.32	19.38 -2.50 1.29	19.75 -2.34 0.00	24.84 -2.87 0.13	30.66 -3.14 0.02	43.56 -4.50 0.86	49.73 -4.64 -0.44	45.21 -4.23 -0.21	36.90 -3.64 -0.05	33.43 -3.03 0.00	30.20 -2.59 0.00
GLEN PARK____ 23778	38.17 0.34 0.00	35.24 0.18 0.00	34.65 0.24 0.00	30.15 0.18 0.00	30.07 -0.36 0.00	33.19 -0.34 0.00	36.11 -0.44 0.00	36.40 -0.55 0.00	35.77 -0.73 0.00	35.01 -0.86 0.00	31.30 -0.94 0.00	28.41 -1.06 0.00	25.30 -1.14 0.00	22.04 -1.14 0.00	21.16 -0.93 0.00	26.72 -1.11 0.00	32.98 -0.84 0.00	48.72 -0.19 0.00	54.58 0.65 0.00	49.63 0.39 0.00	40.62 0.12 0.00	36.42 -0.04 0.00	32.66 -0.13 0.00
GLENDALE_27_KV_LOAD 356172	40.70 2.88 0.00	37.52 2.45 0.00	36.37 1.96 0.00	31.91 1.95 0.00	32.48 2.04 0.00	35.77 2.25 0.00	39.14 2.59 0.00	39.73 2.77 0.00	39.31 2.81 0.00	38.85 2.98 0.00	34.85 2.61 0.00	31.91 2.45 0.00	28.71 2.27 0.00	25.29 2.11 0.00	24.07 1.99 0.00	30.23 2.39 0.00	36.70 2.88 0.00	52.73 3.82 0.00	57.81 3.88 0.00	52.83 3.59 0.00	43.54 3.04 0.00	38.94 2.48 0.00	34.88 2.10 0.00
GLENWOOD_IC_1_G5 23712	40.70 2.88 0.00	37.41 2.35 0.00	36.30 1.89 0.00	31.85 1.89 0.00	32.48 2.04 0.00	35.71 2.18 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.31 2.81 0.00	39.00 3.12 0.00	35.04 2.80 0.00	32.06 2.59 0.00	28.84 2.41 0.00	25.38 2.20 0.00	24.16 2.08 0.00	30.40 2.56 0.00	36.90 3.08 0.00	52.73 3.82 0.00	57.54 3.61 0.00	52.78 3.54 0.00	43.74 3.24 0.00	38.97 2.52 0.00	34.95 2.16 0.00
GLENWOOD_IC_2_G1 23688	40.48 2.65 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.73 1.77 0.00	32.29 1.86 0.00	35.61 2.08 0.00	38.89 2.34 0.00	39.47 2.51 0.00	39.16 2.66 0.00	38.82 2.94 0.00	34.84 2.61 0.00	31.79 2.33 0.00	28.62 2.19 0.00	25.19 2.02 0.00	24.03 1.94 0.00	30.21 2.36 -0.01	36.68 2.84 -0.01	52.59 3.67 0.00	57.65 3.72 0.00	52.63 3.39 0.00	43.45 2.95 0.00	38.83 2.37 0.00	34.82 2.03 0.00
GLENWOOD_IC_3_G1 23689	40.48 2.65 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.73 1.77 0.00	32.29 1.86 0.00	35.61 2.08 0.00	38.89 2.34 0.00	39.47 2.51 0.00	39.16 2.66 0.00	38.82 2.94 0.00	34.84 2.61 0.00	31.79 2.33 0.00	28.62 2.19 0.00	25.19 2.02 0.00	24.03 1.94 0.00	30.21 2.36 -0.01	36.68 2.84 -0.01	52.59 3.67 0.00	57.65 3.72 0.00	52.63 3.39 0.00	43.45 2.95 0.00	38.83 2.37 0.00	34.82 2.03 0.00
GLENWOOD___4 23550	40.70 2.88 0.00	37.41 2.35 0.00	36.30 1.89 0.00	31.85 1.89 0.00	32.48 2.04 0.00	35.71 2.18 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.31 2.81 0.00	39.00 3.12 0.00	35.04 2.80 0.00	32.06 2.59 0.00	28.84 2.41 0.00	25.38 2.20 0.00	24.16 2.08 0.00	30.40 2.56 0.00	36.90 3.08 0.00	52.78 3.86 0.00	57.65 3.72 0.00	52.83 3.59 0.00	43.74 3.24 0.00	38.97 2.52 0.00	34.95 2.16 0.00
GLENWOOD___5 23614	40.70 2.88 0.00	37.41 2.35 0.00	36.30 1.89 0.00	31.85 1.89 0.00	32.48 2.04 0.00	35.71 2.18 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.31 2.81 0.00	39.00 3.12 0.00	35.04 2.80 0.00	32.06 2.59 0.00	28.84 2.41 0.00	25.38 2.20 0.00	24.16 2.08 0.00	30.40 2.56 0.00	36.90 3.08 0.00	52.78 3.86 0.00	57.65 3.72 0.00	52.83 3.59 0.00	43.74 3.24 0.00	38.97 2.52 0.00	34.95 2.16 0.00
GLOBAL GREEN_PORT_GT1 23814	41.38 3.55 0.00	37.77 2.70 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.69 2.25 0.00	35.87 2.35 0.00	39.03 2.49 0.00	39.73 2.77 0.00	39.75 3.25 0.00	39.75 3.88 0.00	35.69 3.45 0.00	32.50 3.04 0.00	29.29 2.86 0.00	25.70 2.53 0.00	24.54 2.45 0.00	30.93 3.09 -0.01	37.86 4.02 0.00	53.86 4.94 0.00	58.68 4.75 0.00	53.82 4.58 0.00	44.67 4.17 0.00	39.74 3.28 0.00	35.80 3.01 0.00
GLOBE___DSASP 323697	32.84 -4.99 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.49 -3.48 0.00	26.75 -3.68 0.00	29.44 -4.09 0.00	31.65 -4.90 0.00	32.15 -4.80 0.00	31.24 -5.26 0.00	29.65 -6.06 0.16	26.29 -5.00 0.95	23.06 -4.54 1.86	17.93 -4.10 4.41	17.39 -3.59 2.20	18.51 -3.45 0.13	22.89 -4.62 0.33	28.42 -5.38 0.03	36.67 -7.73 4.52	39.64 -8.30 5.98	38.65 -7.63 2.96	33.23 -6.52 0.75	31.06 -5.40 0.00	28.29 -4.49 0.00
GOETHSLN___LBMP 323567	40.36 2.53 0.00	37.17 2.10 0.00	36.09 1.69 0.00	31.64 1.68 0.00	32.26 1.83 0.00	35.54 2.01 0.00	38.85 2.30 0.00	39.43 2.48 0.00	39.06 2.56 0.00	38.57 2.69 0.00	34.62 2.39 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.15 1.97 0.00	23.94 1.86 0.00	30.04 2.20 0.00	36.43 2.60 0.00	52.24 3.33 0.00	57.33 3.40 0.00	52.39 3.15 0.00	43.17 2.67 0.00	38.65 2.19 0.00	34.59 1.80 0.00
GOLAH___69_KV_TB 1_2 80279	35.37 -2.46 0.00	32.79 -2.28 0.00	32.21 -2.20 0.00	28.32 -1.65 0.00	28.73 -1.70 0.00	31.62 -1.91 0.00	34.50 -2.05 0.00	34.78 -2.18 0.00	33.98 -2.52 0.00	32.58 -2.98 0.32	27.61 -2.71 1.92	23.15 -2.53 3.78	15.13 -2.35 8.95	19.62 -2.11 1.44	19.98 -1.86 0.25	25.05 -2.42 0.36	31.14 -2.67 0.02	43.95 -3.82 1.16	50.89 -3.72 -0.68	46.17 -3.40 -0.33	37.66 -2.92 -0.08	34.16 -2.30 0.00	30.98 -1.80 0.00
GOODYEAR_LAKE_HYD 323669	38.51 0.68 0.00	35.70 0.63 0.00	34.92 0.52 0.00	30.50 0.54 0.00	30.98 0.55 0.00	34.23 0.70 0.00	37.35 0.80 0.00	37.81 0.85 0.00	37.30 0.80 0.00	36.60 0.72 -0.01	32.93 0.64 -0.05	30.10 0.53 -0.10	27.07 0.40 -0.24	24.22 0.25 -0.79	22.34 0.24 -0.01	28.26 0.33 -0.09	34.48 0.64 -0.01	50.62 1.27 -0.43	55.76 1.51 -0.32	50.68 1.28 -0.16	41.51 0.97 -0.04	37.19 0.73 0.00	33.41 0.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.38 -0.45 0.00	34.64 -0.42 0.00	33.96 -0.45 0.00	29.73 -0.24 0.00	30.13 -0.30 0.00	33.23 -0.30 0.00	36.33 -0.22 0.00	36.73 -0.22 0.00	36.14 -0.37 0.00	35.41 -0.50 -0.03	31.90 -0.45 -0.12	29.23 -0.44 -0.21	26.51 -0.40 -0.47	26.41 -0.35 -3.58	21.78 -0.33 -0.03	27.85 -0.36 -0.38	33.50 -0.37 -0.05	50.64 -0.44 -2.16	54.19 -0.38 -0.64	49.17 -0.39 -0.32	40.23 -0.36 -0.09	36.09 -0.36 0.00	32.52 -0.26 0.00





GOWANUS_GT4_5 24134	40.59 2.76 0.00	37.45 2.38 0.00	36.27 1.86 0.00	31.82 1.86 0.00	32.39 1.95 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.59 3.67 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.42 2.92 0.00	38.87 2.41 0.00	34.82 2.03 0.00
GOWANUS_GT4_6 24135	40.59 2.76 0.00	37.45 2.38 0.00	36.27 1.86 0.00	31.82 1.86 0.00	32.39 1.95 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.59 3.67 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.42 2.92 0.00	38.87 2.41 0.00	34.82 2.03 0.00
GOWANUS_GT4_7 24136	40.59 2.76 0.00	37.45 2.38 0.00	36.27 1.86 0.00	31.82 1.86 0.00	32.39 1.95 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.59 3.67 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.42 2.92 0.00	38.87 2.41 0.00	34.82 2.03 0.00
GOWANUS_GT4_8 24137	40.59 2.76 0.00	37.45 2.38 0.00	36.27 1.86 0.00	31.82 1.86 0.00	32.39 1.95 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.59 3.67 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.42 2.92 0.00	38.87 2.41 0.00	34.82 2.03 0.00
GREATVR_69_KV_BK1 356245	41.54 3.71 0.00	38.01 2.95 0.00	36.78 2.37 0.00	32.36 2.40 0.00	33.02 2.59 0.00	36.14 2.62 0.00	39.43 2.89 0.00	40.06 3.10 0.00	39.93 3.43 0.00	39.75 3.87 0.00	35.72 3.48 0.00	32.62 3.15 0.00	29.39 2.96 0.00	25.82 2.64 0.00	24.60 2.52 0.00	31.07 3.23 0.00	37.82 3.99 0.00	53.91 4.99 0.00	58.84 4.91 0.00	53.91 4.68 0.00	44.79 4.29 0.00	39.81 3.35 0.00	35.70 2.92 0.00
GREENBSH_115KV_TB3 55895	39.42 1.59 0.00	36.54 1.47 0.00	35.68 1.27 0.00	31.16 1.20 0.00	31.72 1.28 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.43 1.48 0.00	38.03 1.53 0.00	37.45 1.58 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.54 1.11 0.00	24.17 1.00 0.00	23.01 0.93 0.00	29.01 1.17 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.81 1.35 0.00	33.93 1.15 0.00
GREENDGE_115KV_TB5 80291	36.20 -1.63 0.00	33.52 -1.54 0.00	32.86 -1.55 0.00	28.86 -1.11 0.00	29.22 -1.22 0.00	32.25 -1.27 0.00	35.34 -1.21 0.00	35.70 -1.26 0.00	34.93 -1.57 0.00	33.85 -1.94 0.09	29.99 -1.81 0.44	26.89 -1.74 0.84	22.86 -1.61 1.96	17.27 -1.46 4.45	20.68 -1.33 0.07	25.74 -1.59 0.50	32.11 -1.66 0.06	45.34 -2.10 1.47	48.84 -2.43 2.66	45.89 -2.02 1.32	38.49 -1.66 0.35	35.04 -1.42 0.00	31.57 -1.21 0.00
GREENIDGE__3 23582	36.20 -1.63 0.00	33.52 -1.54 0.00	32.86 -1.55 0.00	28.86 -1.11 0.00	29.22 -1.22 0.00	32.25 -1.27 0.00	35.34 -1.21 0.00	35.70 -1.26 0.00	34.93 -1.57 0.00	33.85 -1.94 0.09	29.99 -1.81 0.44	26.89 -1.74 0.84	22.86 -1.61 1.96	17.27 -1.46 4.45	20.68 -1.33 0.07	25.74 -1.59 0.50	32.11 -1.66 0.06	45.34 -2.10 1.47	48.84 -2.43 2.66	45.89 -2.02 1.32	38.49 -1.66 0.35	35.04 -1.42 0.00	31.57 -1.21 0.00
GREENIDGE__4 23583	36.28 -1.55 0.00	33.56 -1.51 0.00	32.90 -1.51 0.00	28.89 -1.08 0.00	29.31 -1.13 0.00	32.25 -1.27 0.00	35.34 -1.21 0.00	35.70 -1.26 0.00	34.93 -1.57 0.00	33.88 -1.90 0.09	29.99 -1.80 0.44	26.92 -1.71 0.84	22.88 -1.59 1.96	17.27 -1.46 4.45	20.64 -1.37 0.07	25.75 -1.59 0.50	32.11 -1.66 0.06	45.39 -2.05 1.47	48.85 -2.43 2.66	45.89 -2.02 1.32	38.53 -1.62 0.35	35.04 -1.42 0.00	31.64 -1.15 0.00
GREENLWN_69_KV_BK 3 55738	40.93 3.10 0.00	37.52 2.45 0.00	36.30 1.89 0.00	31.94 1.98 0.00	32.57 2.13 0.00	35.74 2.21 0.00	39.00 2.45 0.00	39.62 2.66 0.00	39.46 2.96 0.00	39.25 3.37 0.00	35.27 3.03 0.00	32.24 2.77 0.00	29.05 2.62 0.00	25.52 2.34 0.00	24.31 2.23 0.00	30.65 2.81 0.00	37.24 3.42 0.00	53.03 4.11 0.00	57.87 3.94 0.00	53.03 3.79 0.00	44.06 3.56 0.00	39.19 2.73 0.00	35.21 2.43 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.59 2.76 0.00	37.45 2.38 0.00	36.27 1.86 0.00	31.82 1.86 0.00	32.39 1.95 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.59 3.67 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.42 2.92 0.00	38.87 2.41 0.00	34.82 2.03 0.00
GRISSOM__SOLAR 323813	39.42 1.59 0.00	36.47 1.40 0.00	35.61 1.20 0.00	31.13 1.17 0.00	31.74 1.31 0.00	35.10 1.58 0.00	38.27 1.72 0.00	38.40 1.44 0.00	37.81 1.31 0.00	36.81 0.93 0.00	32.94 0.71 0.00	29.97 0.50 0.00	26.62 0.19 0.00	23.11 -0.07 0.00	21.91 -0.18 0.00	27.81 -0.03 0.00	34.50 0.68 0.00	51.12 2.20 0.00	56.68 2.75 0.00	51.55 2.31 0.00	42.32 1.82 0.00	37.95 1.50 0.00	34.00 1.21 0.00
GROVEVILLE__HYD 323602	40.25 2.42 0.00	37.17 2.10 0.00	36.16 1.75 0.00	31.64 1.68 0.00	32.26 1.83 0.00	35.54 2.01 0.00	38.78 2.23 0.00	39.28 2.33 0.00	38.87 2.37 0.00	38.35 2.48 0.00	34.39 2.16 0.00	31.44 1.97 0.00	28.23 1.80 0.00	24.85 1.67 0.00	23.70 1.61 0.00	29.84 2.00 0.00	36.30 2.47 0.00	52.34 3.42 0.00	57.49 3.56 0.00	52.39 3.15 0.00	43.09 2.59 0.00	38.57 2.11 0.00	34.59 1.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.07 -0.76 0.00	34.36 -0.70 0.00	33.69 -0.72 0.00	29.43 -0.54 0.00	29.89 -0.55 0.00	32.92 -0.60 0.00	35.96 -0.58 0.00	36.36 -0.59 0.00	35.84 -0.66 0.00	35.11 -0.75 0.01	31.49 -0.71 0.03	28.76 -0.65 0.06	25.69 -0.61 0.14	22.14 -0.58 0.46	21.57 -0.51 0.01	27.17 -0.61 0.05	33.18 -0.64 0.01	47.84 -0.83 0.25	52.93 -0.81 0.19	48.50 -0.64 0.09	39.95 -0.53 0.02	36.06 -0.40 0.00	32.46 -0.33 0.00
HAMLTNNY_34_KV_TB 80303	37.07 -0.76 0.00	34.33 -0.74 0.00	33.65 -0.76 0.00	29.43 -0.54 0.00	29.86 -0.58 0.00	32.89 -0.64 0.00	35.96 -0.58 0.00	36.36 -0.59 0.00	35.81 -0.69 0.00	35.01 -0.86 0.01	31.42 -0.77 0.04	28.65 -0.74 0.08	25.54 -0.71 0.18	21.93 -0.65 0.60	21.52 -0.55 0.01	27.08 -0.70 0.07	33.11 -0.71 0.01	47.66 -0.93 0.32	52.88 -0.81 0.24	48.43 -0.69 0.12	39.86 -0.61 0.03	36.02 -0.44 0.00	32.43 -0.36 0.00

HAMPSHIRE___PAPER_HYD 323593	37.87 0.04 0.00	35.10 0.04 0.00	34.58 0.17 0.00	29.97 0.00 0.00	29.92 -0.52 0.00	33.03 -0.50 0.00	35.93 -0.62 0.00	36.22 -0.74 0.00	35.77 -0.73 0.00	35.12 -0.76 0.00	31.49 -0.74 0.00	28.70 -0.77 0.00	25.64 -0.79 0.00	22.46 -0.72 0.00	21.47 -0.62 0.00	26.97 -0.86 0.00	32.84 -0.98 0.00	47.84 -1.08 0.00	53.06 -0.86 0.00	48.35 -0.88 0.00	39.85 -0.65 0.00	35.87 -0.58 0.00	32.23 -0.56 0.00
HARDSCRABBLE_WT_PWR 323673	38.85 1.02 0.00	36.01 0.95 0.00	35.34 0.93 0.00	30.71 0.75 0.00	31.17 0.73 0.00	34.30 0.77 0.00	37.39 0.84 0.00	37.84 0.89 0.00	37.38 0.87 0.00	36.77 0.90 0.00	33.07 0.84 0.00	30.23 0.76 0.00	27.15 0.71 0.00	23.80 0.63 0.00	22.73 0.64 0.00	28.64 0.81 0.00	34.88 1.05 0.00	50.48 1.56 0.00	55.65 1.73 0.00	50.71 1.48 0.00	41.71 1.21 0.00	37.52 1.06 0.00	33.70 0.92 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.99 2.16 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.02 1.58 0.00	35.27 1.74 0.00	38.52 1.97 0.00	39.03 2.07 0.00	38.62 2.12 0.00	38.14 2.26 0.00	34.20 1.97 0.00	31.29 1.83 0.00	28.12 1.69 0.00	24.73 1.55 0.00	23.59 1.50 0.00	29.67 1.84 0.00	36.06 2.23 0.00	52.00 3.08 0.00	57.11 3.18 0.00	52.09 2.86 0.00	42.85 2.35 0.00	38.32 1.86 0.00	34.36 1.57 0.00
HARSNRAD_115KV_TB1 81005	32.95 -4.88 0.00	30.51 -4.56 0.00	30.00 -4.40 0.00	26.58 -3.39 0.00	26.82 -3.62 0.00	29.44 -4.09 0.00	32.05 -4.50 0.00	32.52 -4.43 0.00	31.61 -4.89 0.00	30.37 -5.31 0.20	26.40 -4.71 1.13	22.96 -4.30 2.21	17.36 -3.86 5.21	17.63 -3.41 2.14	18.70 -3.22 0.16	23.34 -4.15 0.35	28.79 -5.01 0.03	37.14 -7.29 4.49	39.15 -7.71 7.07	38.70 -7.04 3.50	33.74 -5.87 0.89	31.39 -5.07 0.00	28.85 -3.93 0.00
HARZA MOOSE___RIVER 24016	38.17 0.34 0.00	35.35 0.28 0.00	34.72 0.31 0.00	30.21 0.24 0.00	30.04 -0.40 0.00	33.16 -0.37 0.00	36.15 -0.40 0.00	36.51 -0.44 0.00	36.03 -0.47 0.00	35.37 -0.50 0.00	31.72 -0.52 0.00	28.91 -0.56 0.00	25.85 -0.58 0.00	22.60 -0.58 0.00	21.64 -0.44 0.00	27.25 -0.58 0.00	33.29 -0.54 0.00	48.58 -0.34 0.00	53.82 -0.11 0.00	49.04 -0.20 0.00	40.26 -0.24 0.00	36.20 -0.26 0.00	32.52 -0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.85 -0.98 0.00	34.15 -0.91 0.00	33.45 -0.96 0.00	29.25 -0.72 0.00	29.71 -0.73 0.00	32.69 -0.84 0.00	35.71 -0.84 0.00	36.14 -0.81 0.00	35.62 -0.88 0.00	34.91 -0.97 0.00	31.33 -0.90 0.00	28.64 -0.83 0.00	25.69 -0.74 0.00	22.48 -0.70 0.00	21.47 -0.62 0.00	27.09 -0.75 0.00	32.98 -0.85 0.00	47.74 -1.17 0.00	52.80 -1.13 0.00	48.25 -0.98 0.00	39.69 -0.81 0.00	35.80 -0.66 0.00	32.23 -0.56 0.00
HELLGATE_13_KV_LD 55870	40.74 2.91 0.00	37.52 2.45 0.00	36.37 1.96 0.00	31.94 1.98 0.00	32.48 2.04 0.00	35.74 2.21 0.00	39.11 2.56 0.00	39.69 2.73 0.00	39.31 2.81 0.00	38.85 2.98 0.00	34.85 2.61 0.00	31.91 2.45 0.00	28.73 2.30 0.00	25.31 2.13 0.00	24.09 2.01 0.00	30.26 2.42 0.00	36.70 2.88 0.00	52.73 3.82 0.00	57.81 3.88 0.00	52.83 3.59 0.00	43.54 3.04 0.00	38.97 2.52 0.00	34.88 2.10 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.74 2.91 0.00	37.52 2.45 0.00	36.37 1.96 0.00	31.94 1.98 0.00	32.48 2.04 0.00	35.74 2.21 0.00	39.11 2.56 0.00	39.69 2.73 0.00	39.31 2.81 0.00	38.85 2.98 0.00	34.85 2.61 0.00	31.91 2.45 0.00	28.73 2.30 0.00	25.31 2.13 0.00	24.09 2.01 0.00	30.26 2.42 0.00	36.70 2.88 0.00	52.73 3.82 0.00	57.81 3.88 0.00	52.83 3.59 0.00	43.54 3.04 0.00	38.97 2.52 0.00	34.88 2.10 0.00
HEMPSTEAD___ 23647	40.63 2.80 0.00	37.31 2.25 0.00	36.09 1.69 0.00	31.76 1.80 0.00	32.32 1.89 0.00	35.57 2.05 0.00	38.85 2.30 0.00	39.47 2.51 0.00	39.24 2.74 0.00	38.99 3.12 0.00	35.01 2.77 0.00	31.97 2.50 0.00	28.78 2.35 0.00	25.31 2.13 0.00	24.16 2.08 0.00	30.40 2.56 -0.01	36.91 3.08 -0.01	52.69 3.77 0.00	57.65 3.72 0.00	52.73 3.50 0.00	43.66 3.16 0.00	38.94 2.48 0.00	34.98 2.20 0.00
HICKLING___1 23621	36.01 -1.82 0.00	33.35 -1.72 0.00	32.72 -1.69 0.00	28.77 -1.20 0.00	29.10 -1.34 0.00	32.09 -1.44 0.00	35.16 -1.39 0.00	35.55 -1.40 0.00	34.79 -1.72 0.00	33.68 -2.04 0.15	29.61 -1.87 0.76	26.24 -1.77 1.46	21.46 -1.56 3.41	14.20 -1.39 7.58	20.61 -1.35 0.13	25.42 -1.56 0.86	31.94 -1.79 0.10	43.48 -2.35 3.09	46.83 -2.48 4.62	44.62 -2.31 2.30	37.95 -1.94 0.60	34.67 -1.79 0.00	31.34 -1.44 0.00
HICKLING___2 23622	36.01 -1.82 0.00	33.35 -1.72 0.00	32.72 -1.69 0.00	28.77 -1.20 0.00	29.10 -1.34 0.00	32.09 -1.44 0.00	35.16 -1.39 0.00	35.55 -1.40 0.00	34.79 -1.72 0.00	33.68 -2.04 0.15	29.61 -1.87 0.76	26.24 -1.77 1.46	21.46 -1.56 3.41	14.20 -1.39 7.58	20.61 -1.35 0.13	25.42 -1.56 0.86	31.94 -1.79 0.10	43.48 -2.35 3.09	46.83 -2.48 4.62	44.62 -2.31 2.30	37.95 -1.94 0.60	34.67 -1.79 0.00	31.34 -1.44 0.00
HIGH FALLS___HY 23754	40.06 2.23 0.00	37.03 1.96 0.00	35.99 1.58 0.00	31.52 1.56 0.00	32.11 1.67 0.00	35.37 1.84 0.00	38.59 2.05 0.00	39.06 2.11 0.00	38.58 2.08 0.00	38.03 2.15 0.00	34.14 1.90 0.00	31.18 1.71 0.00	28.02 1.59 0.00	24.66 1.48 0.00	23.52 1.44 0.00	29.65 1.81 0.00	36.13 2.30 0.00	52.20 3.28 0.00	57.33 3.40 0.00	52.34 3.10 0.00	43.01 2.51 0.00	38.43 1.97 0.00	34.46 1.67 0.00
HIGH_RIVER___SOLAR 323847	39.04 1.21 0.00	36.15 1.09 0.00	35.37 0.96 0.00	30.86 0.90 0.00	31.44 1.00 0.00	34.67 1.14 0.00	37.79 1.24 0.00	38.06 1.11 0.00	37.49 0.99 0.00	36.63 0.75 0.00	32.82 0.58 0.00	29.97 0.50 0.00	26.70 0.26 0.00	23.29 0.12 0.00	22.17 0.09 0.00	28.11 0.28 0.00	34.54 0.71 0.00	50.58 1.66 0.00	55.92 2.00 0.00	50.96 1.72 0.00	41.83 1.33 0.00	37.59 1.13 0.00	33.70 0.92 0.00
HILLBURN___GT 23639	39.99 2.16 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.02 1.58 0.00	35.30 1.78 0.00	38.56 2.01 0.00	39.10 2.14 0.00	38.69 2.19 0.00	38.24 2.37 0.00	34.30 2.06 0.00	31.32 1.86 0.00	28.18 1.74 0.00	24.80 1.62 0.00	23.68 1.59 0.00	29.73 1.89 0.00	36.09 2.27 0.00	51.95 3.03 0.00	57.06 3.13 0.00	52.04 2.81 0.00	42.85 2.35 0.00	38.35 1.89 0.00	34.39 1.61 0.00
HILLSIDE_115KV_TB1 80332	35.79 -2.04 0.00	33.14 -1.93 0.00	32.52 -1.89 0.00	28.56 -1.41 0.00	28.92 -1.52 0.00	31.88 -1.64 0.00	34.90 -1.64 0.00	35.33 -1.63 0.00	34.57 -1.93 0.00	33.55 -2.15 0.17	29.48 -1.93 0.83	26.05 -1.83 1.59	21.14 -1.59 3.71	13.00 -1.39 8.79	20.59 -1.35 0.14	25.26 -1.59 0.99	31.82 -1.89 0.11	42.19 -2.59 4.13	46.16 -2.75 5.02	44.13 -2.61 2.50	37.70 -2.15 0.66	34.45 -2.01 0.00	31.11 -1.67 0.00

HISHELDN_WT_PWR 323625	33.74 -4.09 0.00	31.14 -3.93 0.00	30.66 -3.75 0.00	27.06 -2.91 0.00	27.18 -3.26 0.00	29.84 -3.69 0.00	32.56 -3.98 0.00	33.11 -3.84 0.00	32.23 -4.27 0.00	30.92 -4.81 0.15	27.01 -4.38 0.84	23.79 -4.04 1.64	19.00 -3.57 3.86	16.80 -3.20 3.18	18.87 -3.09 0.12	23.60 -3.81 0.42	29.25 -4.53 0.04	34.57 -6.46 7.89	41.78 -6.90 5.24	40.19 -6.45 2.60	34.61 -5.22 0.66	31.90 -4.56 0.00	29.21 -3.57 0.00
HOLTSVILLE_IC_1 23690	41.12 3.29 0.00	37.62 2.56 0.00	36.37 1.96 0.00	32.06 2.10 0.00	32.57 2.13 0.00	35.77 2.25 0.00	39.00 2.45 0.00	39.62 2.66 0.00	39.53 3.03 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.27 2.80 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.74 2.89 -0.01	37.46 3.62 -0.01	53.27 4.35 0.00	58.14 4.21 0.00	53.27 4.04 0.00	44.22 3.72 0.00	39.38 2.92 0.00	35.41 2.62 0.00
HOLTSVILLE_IC_10 23699	41.27 3.44 0.00	37.77 2.70 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.69 2.25 0.00	35.91 2.38 0.00	39.14 2.60 0.00	39.76 2.81 0.00	39.67 3.17 0.00	39.54 3.66 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.63 2.46 0.00	24.47 2.39 0.00	30.88 3.03 -0.01	37.66 3.82 -0.01	53.52 4.60 0.00	58.40 4.47 0.00	53.52 4.28 0.00	44.43 3.93 0.00	39.56 3.10 0.00	35.54 2.75 0.00
HOLTSVILLE_IC_2 23691	41.12 3.29 0.00	37.62 2.56 0.00	36.37 1.96 0.00	32.06 2.10 0.00	32.57 2.13 0.00	35.77 2.25 0.00	39.00 2.45 0.00	39.62 2.66 0.00	39.53 3.03 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.27 2.80 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.74 2.89 -0.01	37.46 3.62 -0.01	53.27 4.35 0.00	58.14 4.21 0.00	53.27 4.04 0.00	44.22 3.72 0.00	39.38 2.92 0.00	35.41 2.62 0.00
HOLTSVILLE_IC_3 23692	41.12 3.29 0.00	37.62 2.56 0.00	36.37 1.96 0.00	32.06 2.10 0.00	32.57 2.13 0.00	35.77 2.25 0.00	39.00 2.45 0.00	39.62 2.66 0.00	39.53 3.03 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.27 2.80 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.74 2.89 -0.01	37.46 3.62 -0.01	53.27 4.35 0.00	58.14 4.21 0.00	53.27 4.04 0.00	44.22 3.72 0.00	39.38 2.92 0.00	35.41 2.62 0.00
HOLTSVILLE_IC_4 23693	41.12 3.29 0.00	37.62 2.56 0.00	36.37 1.96 0.00	32.06 2.10 0.00	32.57 2.13 0.00	35.77 2.25 0.00	39.00 2.45 0.00	39.62 2.66 0.00	39.53 3.03 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.27 2.80 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.74 2.89 -0.01	37.46 3.62 -0.01	53.27 4.35 0.00	58.14 4.21 0.00	53.27 4.04 0.00	44.22 3.72 0.00	39.38 2.92 0.00	35.41 2.62 0.00
HOLTSVILLE_IC_5 23694	41.12 3.29 0.00	37.62 2.56 0.00	36.37 1.96 0.00	32.06 2.10 0.00	32.57 2.13 0.00	35.77 2.25 0.00	39.00 2.45 0.00	39.62 2.66 0.00	39.53 3.03 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.27 2.80 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.74 2.89 -0.01	37.46 3.62 -0.01	53.27 4.35 0.00	58.14 4.21 0.00	53.27 4.04 0.00	44.22 3.72 0.00	39.38 2.92 0.00	35.41 2.62 0.00
HOLTSVILLE_IC_6 23695	41.27 3.44 0.00	37.77 2.70 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.69 2.25 0.00	35.91 2.38 0.00	39.14 2.60 0.00	39.76 2.81 0.00	39.67 3.17 0.00	39.54 3.66 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.63 2.46 0.00	24.47 2.39 0.00	30.88 3.03 -0.01	37.66 3.82 -0.01	53.52 4.60 0.00	58.40 4.47 0.00	53.52 4.28 0.00	44.43 3.93 0.00	39.56 3.10 0.00	35.54 2.75 0.00
HOLTSVILLE_IC_7 23696	41.27 3.44 0.00	37.77 2.70 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.69 2.25 0.00	35.91 2.38 0.00	39.14 2.60 0.00	39.76 2.81 0.00	39.67 3.17 0.00	39.54 3.66 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.63 2.46 0.00	24.47 2.39 0.00	30.88 3.03 -0.01	37.66 3.82 -0.01	53.52 4.60 0.00	58.40 4.47 0.00	53.52 4.28 0.00	44.43 3.93 0.00	39.56 3.10 0.00	35.54 2.75 0.00
HOLTSVILLE_IC_8 23697	41.27 3.44 0.00	37.77 2.70 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.69 2.25 0.00	35.91 2.38 0.00	39.14 2.60 0.00	39.76 2.81 0.00	39.67 3.17 0.00	39.54 3.66 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.63 2.46 0.00	24.47 2.39 0.00	30.88 3.03 -0.01	37.66 3.82 -0.01	53.52 4.60 0.00	58.40 4.47 0.00	53.52 4.28 0.00	44.43 3.93 0.00	39.56 3.10 0.00	35.54 2.75 0.00
HOLTSVILLE_IC_9 23698	41.27 3.44 0.00	37.77 2.70 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.69 2.25 0.00	35.91 2.38 0.00	39.14 2.60 0.00	39.76 2.81 0.00	39.67 3.17 0.00	39.54 3.66 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.63 2.46 0.00	24.47 2.39 0.00	30.88 3.03 -0.01	37.66 3.82 -0.01	53.52 4.60 0.00	58.40 4.47 0.00	53.52 4.28 0.00	44.43 3.93 0.00	39.56 3.10 0.00	35.54 2.75 0.00
HOMER_HL_115KV_TB2 355744	34.01 -3.82 0.00	31.49 -3.58 0.00	31.00 -3.41 0.00	27.36 -2.61 0.00	27.70 -2.74 0.00	30.61 -2.92 0.00	33.55 -3.00 0.00	34.00 -2.96 0.00	33.07 -3.43 0.00	32.22 -3.52 0.14	28.16 -3.29 0.79	24.83 -3.09 1.55	20.35 -2.43 3.65	18.39 -2.04 2.75	19.83 -2.14 0.11	25.10 -2.37 0.37	30.65 -3.15 0.04	40.71 -4.45 3.76	44.29 -4.69 4.95	42.11 -4.68 2.45	36.23 -3.64 0.62	32.67 -3.79 0.00	29.77 -3.02 0.00
HOWARD_WT_PWR 323690	34.39 -3.44 0.00	31.66 -3.40 0.00	31.07 -3.34 0.00	27.42 -2.55 0.00	27.70 -2.74 0.00	30.54 -2.98 0.00	33.48 -3.07 0.00	34.00 -2.96 0.00	33.14 -3.36 0.00	31.95 -3.80 0.12	28.09 -3.51 0.63	24.98 -3.27 1.22	20.62 -2.96 2.85	15.80 -2.74 4.64	19.36 -2.63 0.10	24.09 -3.20 0.55	30.08 -3.69 0.06	42.96 -4.94 1.02	44.89 -5.18 3.86	42.54 -4.78 1.92	36.07 -3.93 0.50	32.96 -3.50 0.00	29.97 -2.82 0.00
HQ_GEN_CEDARS 23644	37.91 0.08 0.00	35.21 0.14 0.00	34.75 0.34 0.00	30.06 0.09 0.00	30.44 0.00 0.00	33.56 0.03 0.00	36.51 -0.04 0.00	36.84 -0.11 0.00	36.39 -0.11 0.00	35.80 -0.07 0.00	32.17 -0.06 0.00	29.38 -0.09 0.00	26.35 -0.08 0.00	23.11 -0.07 0.00	22.02 -0.07 0.00	27.70 -0.14 0.00	33.42 -0.41 0.00	48.48 -0.44 0.00	53.44 -0.49 0.00	48.84 -0.39 0.00	40.18 -0.32 0.00	36.20 -0.26 0.00	32.59 -0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	37.91 0.08 0.00	35.21 0.14 0.00	34.75 0.34 0.00	30.06 0.09 0.00	30.44 0.00 0.00	33.56 0.03 0.00	36.51 -0.04 0.00	36.85 -0.11 0.00	36.39 -0.11 0.00	35.80 -0.07 0.00	32.17 -0.06 0.00	29.38 -0.09 0.00	26.33 -0.11 0.00	23.11 -0.07 0.00	22.02 -0.07 0.00	27.64 -0.19 0.00	33.42 -0.40 0.00	48.48 -0.44 0.00	53.44 -0.49 0.00	48.84 -0.40 0.00	40.17 -0.33 0.00	36.21 -0.25 0.00	32.59 -0.20 0.00

HQ_GEN_CHPE_PROXY 323851	40.48 2.65 0.00	37.31 2.25 0.00	36.20 1.79 0.00	31.73 1.77 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.09 2.25 0.00	36.53 2.71 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.54 3.30 0.00	43.33 2.83 0.00	38.79 2.34 0.00	34.75 1.97 0.00
HQ_GEN_IMPORT 323601	37.87 0.04 0.00	35.14 0.07 0.00	34.58 0.17 0.00	30.03 0.06 0.00	30.47 0.03 0.00	33.56 0.03 0.00	36.55 0.00 0.00	36.96 0.00 0.00	36.50 0.00 0.00	35.88 0.00 0.00	32.24 0.00 0.00	29.47 0.00 0.00	26.43 0.00 0.00	23.18 0.00 0.00	22.08 0.00 0.00	27.81 -0.03 0.00	33.73 -0.10 0.00	48.82 -0.10 0.00	53.77 -0.16 0.00	49.14 -0.10 0.00	40.42 -0.08 0.00	36.39 -0.07 0.00	32.72 -0.07 0.00
HQ_GEN_WHEEL 23651	37.87 0.04 0.00	35.14 0.07 0.00	34.58 0.17 0.00	30.03 0.06 0.00	30.47 0.03 0.00	33.56 0.03 0.00	36.55 0.00 0.00	36.96 0.00 0.00	36.50 0.00 0.00	35.88 0.00 0.00	32.24 0.00 0.00	29.47 0.00 0.00	26.43 0.00 0.00	23.18 0.00 0.00	22.08 0.00 0.00	27.81 -0.03 0.00	33.73 -0.10 0.00	48.82 -0.10 0.00	53.77 -0.16 0.00	49.14 -0.10 0.00	40.42 -0.08 0.00	36.39 -0.07 0.00	32.72 -0.07 0.00
HUDSON_AVE_GT_3 23810	40.55 2.72 0.00	37.34 2.28 0.00	36.27 1.86 0.00	31.79 1.83 0.00	32.39 1.95 0.00	35.67 2.15 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.20 2.70 0.00	38.74 2.87 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.65 3.72 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
HUDSON_AVE_GT_4 23540	40.55 2.72 0.00	37.34 2.28 0.00	36.27 1.86 0.00	31.79 1.83 0.00	32.39 1.95 0.00	35.67 2.15 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.20 2.70 0.00	38.74 2.87 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.65 3.72 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
HUDSON_AVE_GT_5 23657	40.55 2.72 0.00	37.34 2.28 0.00	36.27 1.86 0.00	31.79 1.83 0.00	32.39 1.95 0.00	35.67 2.15 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.20 2.70 0.00	38.74 2.87 0.00	34.75 2.51 0.00	31.82 2.36 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.65 3.72 0.00	52.63 3.40 0.00	43.37 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
HUDSON_AVE_10 24168	40.48 2.65 0.00	37.27 2.21 0.00	36.20 1.79 0.00	31.73 1.77 0.00	32.35 1.92 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.64 2.76 0.00	34.68 2.45 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.49 3.56 0.00	52.53 3.30 0.00	43.29 2.79 0.00	38.79 2.33 0.00	34.72 1.93 0.00
HUDSON___115KV_TB 4 355613	39.99 2.16 0.00	37.03 1.96 0.00	36.13 1.72 0.00	31.55 1.59 0.00	32.14 1.70 0.00	35.44 1.91 0.00	38.52 1.97 0.00	38.88 1.92 0.00	38.40 1.90 0.00	37.67 1.79 0.00	33.75 1.52 0.00	30.79 1.33 0.00	27.57 1.14 0.00	24.20 1.02 0.00	23.06 0.97 0.00	29.14 1.31 0.00	35.62 1.79 0.00	51.71 2.79 0.00	57.06 3.13 0.00	51.94 2.71 0.00	42.69 2.19 0.00	38.28 1.82 0.00	34.39 1.61 0.00
HUNTER MOUNT___DRP 323613	40.14 2.31 0.00	37.13 2.07 0.00	36.23 1.82 0.00	31.67 1.71 0.00	32.26 1.83 0.00	35.54 2.01 0.00	38.63 2.08 0.00	38.91 1.96 0.00	38.44 1.93 0.00	37.70 1.83 0.00	33.72 1.48 0.00	30.76 1.30 0.00	27.54 1.11 0.00	24.15 0.97 0.00	23.03 0.95 0.00	29.12 1.28 0.00	35.69 1.86 0.00	51.85 2.94 0.00	57.22 3.29 0.00	52.09 2.86 0.00	42.81 2.31 0.00	38.39 1.93 0.00	34.49 1.70 0.00
HUNTINGTON_RES_REC 323705	41.08 3.25 0.00	37.59 2.53 0.00	36.33 1.93 0.00	32.00 2.04 0.00	32.54 2.10 0.00	35.77 2.25 0.00	39.03 2.49 0.00	39.65 2.70 0.00	39.53 3.03 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.24 2.77 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.74 2.89 -0.01	37.42 3.58 -0.01	53.22 4.31 0.00	58.14 4.21 0.00	53.22 3.99 0.00	44.18 3.68 0.00	39.38 2.92 0.00	35.35 2.56 0.00
HUNTLEY___63 23557	33.18 -4.65 0.00	30.72 -4.35 0.00	30.21 -4.20 0.00	26.73 -3.24 0.00	27.00 -3.44 0.00	29.74 -3.79 0.00	32.23 -4.31 0.00	32.74 -4.21 0.00	31.83 -4.67 0.00	30.43 -5.27 0.17	26.66 -4.58 1.00	23.32 -4.18 1.96	18.08 -3.73 4.63	17.64 -3.29 2.25	18.85 -3.09 0.14	23.43 -4.06 0.34	28.99 -4.80 0.03	37.39 -6.95 4.58	40.26 -7.39 6.28	39.29 -6.84 3.11	33.96 -5.75 0.79	31.57 -4.89 0.00	28.88 -3.90 0.00
HUNTLEY___64 23558	33.18 -4.65 0.00	30.72 -4.35 0.00	30.21 -4.20 0.00	26.73 -3.24 0.00	27.00 -3.44 0.00	29.74 -3.79 0.00	32.23 -4.31 0.00	32.74 -4.21 0.00	31.83 -4.67 0.00	30.43 -5.27 0.17	26.66 -4.58 1.00	23.32 -4.18 1.96	18.08 -3.73 4.63	17.64 -3.29 2.25	18.85 -3.09 0.14	23.43 -4.06 0.34	28.99 -4.80 0.03	37.39 -6.95 4.58	40.26 -7.39 6.28	39.29 -6.84 3.11	33.96 -5.75 0.79	31.57 -4.89 0.00	28.88 -3.90 0.00
HUNTLEY___65 23559	33.18 -4.65 0.00	30.72 -4.35 0.00	30.21 -4.20 0.00	26.73 -3.24 0.00	27.00 -3.44 0.00	29.74 -3.79 0.00	32.23 -4.31 0.00	32.74 -4.21 0.00	31.83 -4.67 0.00	30.43 -5.27 0.17	26.66 -4.58 1.00	23.32 -4.18 1.96	18.08 -3.73 4.63	17.64 -3.29 2.25	18.85 -3.09 0.14	23.43 -4.06 0.34	28.99 -4.80 0.03	37.39 -6.95 4.58	40.26 -7.39 6.28	39.29 -6.84 3.11	33.96 -5.75 0.79	31.57 -4.89 0.00	28.88 -3.90 0.00
HUNTLEY___66 23560	33.18 -4.65 0.00	30.72 -4.35 0.00	30.21 -4.20 0.00	26.73 -3.24 0.00	27.00 -3.44 0.00	29.74 -3.79 0.00	32.23 -4.31 0.00	32.74 -4.21 0.00	31.83 -4.67 0.00	30.43 -5.27 0.17	26.66 -4.58 1.00	23.32 -4.18 1.96	18.08 -3.73 4.63	17.64 -3.29 2.25	18.85 -3.09 0.14	23.43 -4.06 0.34	28.99 -4.80 0.03	37.39 -6.95 4.58	40.26 -7.39 6.28	39.29 -6.84 3.11	33.96 -5.75 0.79	31.57 -4.89 0.00	28.88 -3.90 0.00
HUNTLEY___67 23561	33.10 -4.73 0.00	30.65 -4.42 0.00	30.18 -4.23 0.00	26.67 -3.30 0.00	26.94 -3.50 0.00	29.67 -3.86 0.00	32.31 -4.24 0.00	32.82 -4.14 0.00	31.90 -4.60 0.00	30.52 -5.20 0.15	26.72 -4.61 0.90	23.45 -4.24 1.77	18.48 -3.75 4.19	17.51 -3.31 2.36	18.93 -3.03 0.12	23.51 -3.98 0.34	29.09 -4.70 0.03	37.00 -7.04 4.87	40.69 -7.55 5.69	39.48 -6.94 2.82	34.00 -5.79 0.71	31.61 -4.85 0.00	28.88 -3.90 0.00

HUNTLEY___68 23562	33.10 -4.73 0.00	30.65 -4.42 0.00	30.18 -4.23 0.00	26.67 -3.30 0.00	26.94 -3.50 0.00	29.67 -3.86 0.00	32.31 -4.24 0.00	32.82 -4.14 0.00	31.90 -4.60 0.00	30.52 -5.20 0.15	26.72 -4.61 0.90	23.45 -4.24 1.77	18.48 -3.75 4.19	17.51 -3.31 2.36	18.93 -3.03 0.12	23.51 -3.98 0.34	29.09 -4.70 0.03	37.00 -7.04 4.87	40.69 -7.55 5.69	39.48 -6.94 2.82	34.00 -5.79 0.71	31.61 -4.85 0.00	28.88 -3.90 0.00
HYLAND___LFGE 323620	37.00 -0.83 0.00	34.12 -0.95 0.00	33.45 -0.96 0.00	29.48 -0.48 0.00	29.92 -0.52 0.00	32.89 -0.64 0.00	35.74 -0.80 0.00	35.59 -1.37 0.00	34.35 -2.15 0.00	32.90 -2.90 0.07	28.97 -2.93 0.33	26.03 -2.80 0.63	22.37 -2.59 1.48	17.66 -2.25 3.27	19.93 -2.10 0.06	25.10 -2.37 0.37	31.59 -2.20 0.04	46.91 -2.10 -0.09	50.85 -1.08 2.00	47.36 -0.88 0.99	39.27 -0.97 0.26	35.69 -0.77 0.00	32.30 -0.49 0.00
INDECK___CORINTH 23802	39.08 1.25 0.00	36.19 1.12 0.00	35.37 0.96 0.00	30.95 0.99 0.00	31.56 1.13 0.00	34.90 1.38 0.00	38.01 1.46 0.00	38.36 1.40 0.00	38.07 1.57 0.00	37.31 1.44 0.00	33.46 1.22 0.00	31.35 1.89 0.00	27.94 1.51 0.00	24.43 1.25 0.00	23.30 1.21 0.00	29.45 1.61 0.00	35.01 1.18 0.00	50.88 1.96 0.00	56.25 2.32 0.00	51.15 1.92 0.00	41.88 1.38 0.00	37.55 1.09 0.00	33.70 0.92 0.00
INDECK___ILION 23567	38.44 0.61 0.00	35.63 0.56 0.00	34.96 0.55 0.00	30.41 0.45 0.00	30.86 0.43 0.00	34.00 0.47 0.00	37.06 0.51 0.00	37.51 0.55 0.00	37.05 0.55 0.00	36.45 0.57 0.00	32.75 0.52 0.00	29.94 0.47 0.00	26.86 0.42 0.00	23.55 0.37 0.00	22.46 0.38 0.00	28.31 0.47 0.00	34.47 0.64 0.00	49.90 0.98 0.00	55.01 1.08 0.00	50.12 0.89 0.00	41.23 0.73 0.00	37.08 0.62 0.00	33.34 0.56 0.00
INDECK___OLEAN 23982	34.12 -3.71 0.00	31.56 -3.51 0.00	31.11 -3.30 0.00	27.42 -2.55 0.00	27.82 -2.62 0.00	30.61 -2.92 0.00	33.55 -3.00 0.00	34.00 -2.96 0.00	33.07 -3.43 0.00	32.08 -3.66 0.14	28.19 -3.25 0.79	24.83 -3.09 1.55	20.38 -2.41 3.65	18.39 -2.04 2.75	20.05 -1.92 0.11	25.07 -2.39 0.37	30.51 -3.28 0.04	40.76 -4.40 3.76	44.29 -4.69 4.95	42.11 -4.68 2.45	36.27 -3.60 0.62	32.70 -3.75 0.00	29.87 -2.92 0.00
INDECK___OSWEGO 23783	36.58 -1.25 0.00	33.87 -1.19 0.00	33.20 -1.21 0.00	29.01 -0.96 0.00	29.43 -1.00 0.00	32.39 -1.14 0.00	35.34 -1.21 0.00	35.74 -1.22 0.00	35.22 -1.28 0.00	34.55 -1.33 0.00	31.01 -1.22 0.00	28.32 -1.15 0.00	25.37 -1.06 0.00	22.20 -0.97 0.00	21.20 -0.88 0.00	26.75 -1.09 0.00	32.61 -1.22 0.00	47.31 -1.61 0.00	52.36 -1.57 0.00	47.86 -1.38 0.00	39.41 -1.09 0.00	35.55 -0.91 0.00	32.00 -0.79 0.00
INDECK___YERKES 23781	33.40 -4.43 0.00	30.82 -4.24 0.00	30.35 -4.06 0.00	26.88 -3.09 0.00	27.24 -3.20 0.00	29.74 -3.79 0.00	32.23 -4.31 0.00	32.74 -4.21 0.00	31.83 -4.67 0.00	30.54 -5.17 0.17	26.72 -4.51 1.00	23.38 -4.13 1.96	18.16 -3.65 4.63	17.66 -3.27 2.25	18.70 -3.25 0.14	23.54 -3.95 0.34	28.99 -4.80 0.03	37.49 -6.85 4.58	40.32 -7.33 6.28	39.33 -6.79 3.11	33.96 -5.75 0.79	31.61 -4.85 0.00	29.05 -3.74 0.00
INDIAN POINT_GT_1 24139	40.10 2.27 0.00	36.99 1.93 0.00	35.96 1.55 0.00	31.49 1.53 0.00	32.11 1.67 0.00	35.37 1.84 0.00	38.63 2.08 0.00	39.17 2.22 0.00	38.76 2.26 0.00	38.31 2.44 0.00	34.36 2.13 0.00	31.44 1.97 0.00	28.28 1.85 0.00	24.89 1.72 0.00	23.70 1.61 0.00	29.79 1.95 0.00	36.16 2.33 0.00	52.05 3.13 0.00	57.11 3.18 0.00	52.14 2.90 0.00	42.93 2.43 0.00	38.43 1.97 0.00	34.43 1.64 0.00
INDIAN POINT_GT_2 23659	40.10 2.27 0.00	36.99 1.93 0.00	35.96 1.55 0.00	31.49 1.53 0.00	32.11 1.67 0.00	35.37 1.84 0.00	38.63 2.08 0.00	39.17 2.22 0.00	38.76 2.26 0.00	38.31 2.44 0.00	34.36 2.13 0.00	31.44 1.97 0.00	28.28 1.85 0.00	24.89 1.72 0.00	23.70 1.61 0.00	29.79 1.95 0.00	36.16 2.33 0.00	52.05 3.13 0.00	57.11 3.18 0.00	52.14 2.90 0.00	42.93 2.43 0.00	38.43 1.97 0.00	34.43 1.64 0.00
INDIAN POINT_GT_3 24019	40.10 2.27 0.00	36.99 1.93 0.00	35.96 1.55 0.00	31.49 1.53 0.00	32.11 1.67 0.00	35.37 1.84 0.00	38.63 2.08 0.00	39.17 2.22 0.00	38.76 2.26 0.00	38.31 2.44 0.00	34.36 2.13 0.00	31.44 1.97 0.00	28.28 1.85 0.00	24.89 1.72 0.00	23.70 1.61 0.00	29.79 1.95 0.00	36.16 2.33 0.00	52.05 3.13 0.00	57.11 3.18 0.00	52.14 2.90 0.00	42.93 2.43 0.00	38.43 1.97 0.00	34.43 1.64 0.00
INDIAN POINT___2 23530	40.02 2.19 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.02 1.58 0.00	35.30 1.78 0.00	38.59 2.05 0.00	39.10 2.14 0.00	38.73 2.23 0.00	38.24 2.37 0.00	34.33 2.09 0.00	31.32 1.86 0.00	28.20 1.77 0.00	24.82 1.65 0.00	23.68 1.59 0.00	29.76 1.92 0.00	36.13 2.30 0.00	51.95 3.03 0.00	57.06 3.13 0.00	52.04 2.81 0.00	42.85 2.35 0.00	38.39 1.93 0.00	34.39 1.61 0.00
INDIAN POINT___3 23531	40.06 2.23 0.00	36.96 1.89 0.00	35.92 1.51 0.00	31.46 1.50 0.00	32.08 1.64 0.00	35.30 1.78 0.00	38.59 2.05 0.00	39.14 2.18 0.00	38.73 2.23 0.00	38.24 2.37 0.00	34.33 2.10 0.00	31.41 1.94 0.00	28.26 1.82 0.00	24.87 1.69 0.00	23.67 1.59 0.00	29.76 1.92 0.00	36.13 2.30 0.00	52.00 3.08 0.00	57.06 3.13 0.00	52.09 2.86 0.00	42.89 2.39 0.00	38.39 1.93 0.00	34.39 1.61 0.00
INGHAM_C_115KV_TB7 356103	39.23 1.40 0.00	36.33 1.26 0.00	35.68 1.27 0.00	31.01 1.05 0.00	31.44 1.00 0.00	34.60 1.07 0.00	37.72 1.17 0.00	38.18 1.22 0.00	37.71 1.20 0.00	37.09 1.22 0.00	33.36 1.13 0.00	30.50 1.03 0.00	27.36 0.93 0.00	24.01 0.83 0.00	22.90 0.82 0.00	28.87 1.03 0.00	35.18 1.35 0.00	50.92 2.01 0.00	56.14 2.21 0.00	51.16 1.92 0.00	42.08 1.58 0.00	37.84 1.39 0.00	34.03 1.25 0.00
IP CORINTH___1 23988	39.34 1.51 0.00	36.40 1.33 0.00	35.61 1.20 0.00	31.10 1.14 0.00	31.75 1.31 0.00	35.07 1.54 0.00	38.23 1.68 0.00	38.58 1.63 0.00	38.29 1.79 0.00	37.53 1.65 0.00	33.62 1.39 0.00	30.62 1.15 0.00	27.30 0.87 0.00	23.87 0.70 0.00	22.75 0.66 0.00	28.76 0.92 0.00	35.21 1.39 0.00	51.12 2.20 0.00	56.52 2.59 0.00	51.40 2.17 0.00	42.12 1.62 0.00	37.77 1.31 0.00	33.90 1.11 0.00
IP___TICONDEROGA 23804	40.74 2.91 0.00	37.66 2.59 0.00	36.78 2.37 0.00	32.18 2.22 0.00	32.93 2.50 0.00	36.48 2.95 0.00	39.76 3.22 0.00	39.95 2.99 0.00	39.68 3.18 0.00	38.74 2.87 0.00	34.59 2.35 0.00	31.44 1.97 0.00	27.94 1.51 0.00	24.40 1.23 0.00	23.28 1.19 0.00	29.51 1.67 0.00	36.26 2.44 0.00	53.08 4.16 0.00	59.00 5.07 0.00	53.47 4.23 0.00	43.70 3.20 0.00	39.12 2.66 0.00	35.08 2.30 0.00

ISLIP_RES_REC 323679	41.43 3.60 0.00	37.83 2.77 0.00	36.58 2.17 0.00	32.24 2.28 0.00	32.75 2.31 0.00	36.01 2.48 0.00	39.25 2.70 0.00	39.87 2.92 0.00	39.79 3.29 0.00	39.64 3.77 0.00	35.59 3.35 0.00	32.47 3.01 0.00	29.26 2.83 0.00	25.70 2.53 0.00	24.54 2.45 0.00	30.96 3.12 -0.01	37.76 3.92 -0.01	53.71 4.80 0.00	58.62 4.69 0.00	53.72 4.48 0.00	44.59 4.09 0.00	39.70 3.24 0.00	35.64 2.85 0.00
JAMAICA__27_KV_LOAD 355505	40.82 2.99 0.00	37.55 2.49 0.00	36.44 2.03 0.00	31.94 1.98 0.00	32.66 2.22 0.00	36.01 2.48 0.00	39.43 2.89 0.00	39.99 3.03 0.00	39.57 3.07 0.00	38.78 2.91 0.00	34.78 2.55 0.00	31.94 2.48 0.00	28.71 2.27 0.00	25.29 2.11 0.00	24.07 1.99 0.00	30.26 2.42 0.00	36.67 2.84 0.00	52.49 3.57 0.00	57.65 3.72 0.00	52.68 3.45 0.00	43.54 3.04 0.00	39.23 2.77 0.00	35.08 2.30 0.00
JANIS__SOLAR 323808	38.06 0.23 0.00	35.24 0.18 0.00	34.58 0.17 0.00	30.23 0.27 0.00	30.71 0.27 0.00	33.93 0.40 0.00	37.10 0.55 0.00	37.43 0.48 0.00	36.61 0.11 0.00	35.70 -0.18 0.00	31.91 -0.32 0.00	28.99 -0.47 0.00	25.88 -0.56 0.00	22.57 -0.60 0.00	21.62 -0.46 0.00	27.45 -0.39 0.00	33.96 0.14 0.00	50.14 0.93 -0.29	55.33 1.40 0.00	50.42 1.18 0.00	41.27 0.77 0.00	37.08 0.62 0.00	33.34 0.56 0.00
JARVIS____ 23743	37.91 0.08 0.00	35.10 0.04 0.00	34.48 0.07 0.00	30.00 0.03 0.00	30.47 0.03 0.00	33.56 0.03 0.00	36.58 0.04 0.00	36.99 0.04 0.00	36.57 0.07 0.00	35.95 0.07 0.00	32.30 0.06 0.00	29.53 0.06 0.00	26.49 0.05 0.00	23.22 0.05 0.00	22.13 0.04 0.00	27.89 0.06 0.00	33.93 0.10 0.00	49.07 0.15 0.00	54.09 0.16 0.00	49.33 0.10 0.00	40.58 0.08 0.00	36.53 0.07 0.00	32.82 0.03 0.00
JENNISON__1 23625	38.36 0.53 0.00	35.52 0.46 0.00	34.79 0.38 0.00	30.41 0.45 0.00	30.92 0.49 0.00	34.20 0.67 0.00	37.35 0.80 0.00	37.81 0.85 0.00	37.23 0.73 0.00	36.50 0.61 -0.02	32.84 0.52 -0.09	30.01 0.38 -0.16	27.07 0.26 -0.38	24.57 0.14 -1.25	22.28 0.18 -0.02	28.28 0.31 -0.14	34.62 0.78 -0.02	51.34 1.52 -0.91	56.32 1.89 -0.51	51.07 1.58 -0.25	41.54 0.97 -0.07	37.19 0.73 0.00	33.44 0.66 0.00
JENNISON__2 23626	38.36 0.53 0.00	35.52 0.46 0.00	34.79 0.38 0.00	30.41 0.45 0.00	30.92 0.49 0.00	34.20 0.67 0.00	37.35 0.80 0.00	37.81 0.85 0.00	37.23 0.73 0.00	36.50 0.61 -0.02	32.84 0.52 -0.09	30.01 0.38 -0.16	27.07 0.26 -0.38	24.57 0.14 -1.25	22.28 0.18 -0.02	28.28 0.31 -0.14	34.62 0.78 -0.02	51.34 1.52 -0.91	56.32 1.89 -0.51	51.07 1.58 -0.25	41.54 0.97 -0.07	37.19 0.73 0.00	33.44 0.66 0.00
JERICHO_RISE_WT_PWR 323719	37.03 -0.80 0.00	34.44 -0.63 0.00	34.44 0.03 0.00	29.40 -0.57 0.00	29.86 -0.58 0.00	32.86 -0.67 0.00	35.67 -0.88 0.00	35.99 -0.96 0.00	35.62 -0.88 0.00	35.16 -0.72 0.00	31.66 -0.58 0.00	28.97 -0.50 0.00	26.01 -0.42 0.00	22.83 -0.35 0.00	21.73 -0.35 0.00	27.25 -0.59 0.00	32.95 -0.88 0.00	47.74 -1.17 0.00	52.53 -1.40 0.00	47.96 -1.28 0.00	39.37 -1.13 0.00	35.40 -1.06 0.00	31.87 -0.92 0.00
KATONAH__115KV_46KV_TB4 355592	40.33 2.50 0.00	37.20 2.14 0.00	36.16 1.75 0.00	31.67 1.71 0.00	32.29 1.86 0.00	35.57 2.05 0.00	38.85 2.30 0.00	39.39 2.44 0.00	39.06 2.56 0.00	38.60 2.73 0.00	34.59 2.35 0.00	31.56 2.09 0.00	28.39 1.96 0.00	25.01 1.83 0.00	23.81 1.72 0.00	29.92 2.09 0.00	36.36 2.54 0.00	52.39 3.47 0.00	57.43 3.51 0.00	52.39 3.15 0.00	43.09 2.59 0.00	38.61 2.15 0.00	34.59 1.80 0.00
KCE_NY_1 323755	39.65 1.82 0.00	36.71 1.65 0.00	35.89 1.48 0.00	31.34 1.38 0.00	31.93 1.49 0.00	35.27 1.74 0.00	38.45 1.90 0.00	38.80 1.85 0.00	38.43 1.93 0.00	37.70 1.83 0.00	33.81 1.58 0.00	31.06 1.59 0.00	27.75 1.32 0.00	24.29 1.11 0.00	23.14 1.06 0.00	29.23 1.39 0.00	35.45 1.62 0.00	51.41 2.49 0.00	56.78 2.86 0.00	51.65 2.41 0.00	42.40 1.90 0.00	38.06 1.60 0.00	34.13 1.34 0.00
KCE_NY_6_ESR 323823	33.59 -4.24 0.00	31.00 -4.07 0.00	30.56 -3.85 0.00	27.00 -2.97 0.00	27.36 -3.07 0.00	29.97 -3.55 0.00	32.67 -3.87 0.00	33.19 -3.77 0.00	32.27 -4.23 0.00	31.02 -4.70 0.16	27.08 -4.26 0.89	23.80 -3.92 1.75	18.92 -3.38 4.13	17.73 -2.99 2.45	19.09 -2.87 0.13	23.89 -3.59 0.35	29.50 -4.30 0.03	37.81 -6.26 4.84	41.64 -6.69 5.60	40.16 -6.30 2.77	34.69 -5.10 0.71	31.97 -4.49 0.00	29.34 -3.44 0.00
KEDC_PORT_JEFF_GT2 24210	41.24 3.41 0.00	37.70 2.63 0.00	36.44 2.03 0.00	32.12 2.16 0.00	32.63 2.19 0.00	35.87 2.35 0.00	39.10 2.56 0.00	39.73 2.77 0.00	39.64 3.14 0.00	39.50 3.62 0.00	35.46 3.22 0.00	32.36 2.89 0.00	29.16 2.72 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.85 3.01 -0.01	37.59 3.75 -0.01	53.47 4.55 0.00	58.35 4.42 0.00	53.47 4.23 0.00	44.39 3.89 0.00	39.52 3.06 0.00	35.51 2.72 0.00
KEDC_PORT_JEFF_GT3 24211	41.24 3.41 0.00	37.70 2.63 0.00	36.44 2.03 0.00	32.12 2.16 0.00	32.63 2.19 0.00	35.87 2.35 0.00	39.10 2.56 0.00	39.73 2.77 0.00	39.64 3.14 0.00	39.50 3.62 0.00	35.46 3.22 0.00	32.36 2.89 0.00	29.16 2.72 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.85 3.01 -0.01	37.59 3.75 -0.01	53.47 4.55 0.00	58.35 4.42 0.00	53.47 4.23 0.00	44.39 3.89 0.00	39.52 3.06 0.00	35.51 2.72 0.00
KEDC_GLWD_GT4 24219	40.67 2.84 0.00	37.38 2.31 0.00	36.23 1.82 0.00	31.82 1.86 0.00	32.41 1.98 0.00	35.71 2.18 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.31 2.81 0.00	39.03 3.16 0.00	35.04 2.80 0.00	31.97 2.50 0.00	28.81 2.38 0.00	25.33 2.16 0.00	24.16 2.08 0.00	30.40 2.56 -0.01	36.88 3.05 -0.01	52.69 3.77 0.00	57.54 3.61 0.00	52.73 3.50 0.00	43.70 3.20 0.00	38.97 2.51 0.00	34.98 2.20 0.00
KEDC_GLWD_GT5 24220	40.67 2.84 0.00	37.38 2.31 0.00	36.23 1.82 0.00	31.82 1.86 0.00	32.41 1.98 0.00	35.71 2.18 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.31 2.81 0.00	39.03 3.16 0.00	35.04 2.80 0.00	31.97 2.50 0.00	28.81 2.38 0.00	25.33 2.16 0.00	24.16 2.08 0.00	30.40 2.56 -0.01	36.88 3.05 -0.01	52.69 3.77 0.00	57.54 3.61 0.00	52.73 3.50 0.00	43.70 3.20 0.00	38.97 2.51 0.00	34.98 2.20 0.00
KENSICO____ 23655	40.21 2.38 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.20 1.77 0.00	35.47 1.94 0.00	38.78 2.23 0.00	39.32 2.37 0.00	38.91 2.41 0.00	38.46 2.58 0.00	34.49 2.26 0.00	31.56 2.09 0.00	28.39 1.96 0.00	24.98 1.81 0.00	23.78 1.70 0.00	29.90 2.06 0.00	36.30 2.47 0.00	52.24 3.33 0.00	57.33 3.40 0.00	52.34 3.10 0.00	43.09 2.59 0.00	38.57 2.11 0.00	34.52 1.74 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.10 2.27 0.00	37.06 2.00 0.00	36.06 1.65 0.00	31.55 1.59 0.00	32.17 1.73 0.00	35.41 1.88 0.00	38.63 2.08 0.00	39.10 2.14 0.00	38.62 2.12 0.00	38.06 2.19 0.00	34.14 1.90 0.00	31.20 1.74 0.00	28.02 1.59 0.00	24.66 1.48 0.00	23.52 1.44 0.00	29.65 1.81 0.00	36.13 2.30 0.00	52.20 3.28 0.00	57.43 3.51 0.00	52.39 3.15 0.00	43.05 2.55 0.00	38.46 2.01 0.00	34.49 1.70 0.00
KIAC_JFK_GT1 23816	40.63 2.80 0.00	37.38 2.31 0.00	36.27 1.86 0.00	31.79 1.83 0.00	32.51 2.07 0.00	35.84 2.31 0.00	39.25 2.70 0.00	39.80 2.85 0.00	39.38 2.88 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.17 1.99 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.50 2.67 0.00	52.05 3.13 0.00	57.16 3.24 0.00	52.24 3.00 0.00	43.33 2.83 0.00	39.05 2.59 0.00	34.92 2.13 0.00
KIAC_JFK_GT2 23817	40.63 2.80 0.00	37.38 2.31 0.00	36.27 1.86 0.00	31.79 1.83 0.00	32.51 2.07 0.00	35.84 2.31 0.00	39.25 2.70 0.00	39.80 2.85 0.00	39.38 2.88 0.00	38.60 2.73 0.00	34.62 2.39 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.17 1.99 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.50 2.67 0.00	52.05 3.13 0.00	57.16 3.24 0.00	52.24 3.00 0.00	43.33 2.83 0.00	39.05 2.59 0.00	34.92 2.13 0.00
KIAC_JFK____ 323774	40.59 2.76 0.00	37.38 2.31 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.45 2.01 0.00	35.84 2.31 0.00	39.25 2.70 0.00	39.80 2.85 0.00	39.38 2.88 0.00	38.64 2.76 0.00	34.62 2.39 0.00	31.65 2.18 0.00	28.52 2.09 0.00	25.12 1.95 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.50 2.67 0.00	52.00 3.08 0.00	57.16 3.24 0.00	52.19 2.95 0.00	43.33 2.83 0.00	39.05 2.59 0.00	34.95 2.16 0.00
KINTIGH_24_KV_GSU 356498	33.63 -4.20 0.00	31.07 -4.00 0.00	30.56 -3.85 0.00	27.00 -2.97 0.00	27.33 -3.10 0.00	29.91 -3.62 0.00	32.60 -3.95 0.00	33.08 -3.88 0.00	32.23 -4.27 0.00	30.89 -4.84 0.14	27.03 -4.35 0.85	23.84 -3.95 1.68	18.84 -3.62 3.97	18.02 -3.24 1.91	18.86 -3.11 0.11	23.68 -3.87 0.29	29.40 -4.40 0.02	38.08 -6.70 4.14	41.37 -7.17 5.39	40.02 -6.55 2.67	34.32 -5.51 0.67	32.05 -4.41 0.00	29.28 -3.51 0.00
KINTIGH____ 23543	33.44 -4.39 0.00	30.96 -4.10 0.00	30.45 -3.96 0.00	26.88 -3.09 0.00	27.15 -3.29 0.00	29.91 -3.62 0.00	32.60 -3.95 0.00	33.08 -3.88 0.00	32.23 -4.27 0.00	30.75 -4.99 0.14	27.00 -4.38 0.85	23.81 -3.98 1.68	18.81 -3.65 3.97	18.02 -3.24 1.91	19.12 -2.85 0.11	23.68 -3.87 0.29	29.34 -4.47 0.02	37.98 -6.80 4.14	41.31 -7.23 5.39	40.02 -6.55 2.67	34.28 -5.55 0.67	32.01 -4.45 0.00	29.18 -3.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.49 -0.34 0.00	34.89 -0.18 0.00	34.79 0.38 0.00	29.76 -0.21 0.00	30.22 -0.21 0.00	33.29 -0.23 0.00	36.15 -0.40 0.00	36.44 -0.52 0.00	36.06 -0.44 0.00	35.62 -0.25 0.00	32.04 -0.19 0.00	29.32 -0.15 0.00	26.35 -0.08 0.00	23.11 -0.07 0.00	22.00 -0.09 0.00	27.64 -0.19 0.00	33.35 -0.47 0.00	48.43 -0.49 0.00	53.39 -0.54 0.00	48.65 -0.59 0.00	39.93 -0.57 0.00	35.84 -0.62 0.00	32.26 -0.52 0.00
LACHUTE__HYDRO 323717	40.70 2.87 0.00	37.62 2.56 0.00	36.71 2.31 0.00	32.18 2.22 0.00	32.93 2.50 0.00	36.48 2.95 0.00	39.76 3.22 0.00	39.95 2.99 0.00	39.67 3.17 0.00	38.71 2.83 0.00	34.59 2.35 0.00	32.06 2.59 0.00	28.52 2.09 0.00	24.92 1.74 0.00	23.76 1.68 0.00	30.15 2.31 0.00	36.26 2.44 0.00	53.13 4.21 0.00	59.00 5.07 0.00	53.52 4.28 0.00	43.66 3.16 0.00	39.12 2.66 0.00	35.08 2.29 0.00
LAWRNCV_115KV_TB1 80681	37.83 0.00 0.00	35.14 0.07 0.00	34.72 0.31 0.00	30.00 0.03 0.00	30.32 -0.12 0.00	33.43 -0.10 0.00	36.36 -0.18 0.00	36.66 -0.30 0.00	36.21 -0.29 0.00	35.62 -0.25 0.00	31.98 -0.26 0.00	29.20 -0.27 0.00	26.17 -0.26 0.00	22.94 -0.23 0.00	21.86 -0.22 0.00	27.50 -0.33 0.00	33.18 -0.64 0.00	48.04 -0.88 0.00	53.07 -0.86 0.00	48.50 -0.74 0.00	40.01 -0.49 0.00	36.09 -0.36 0.00	32.46 -0.33 0.00
LEDERLE____ 23769	40.14 2.31 0.00	37.06 2.00 0.00	36.03 1.62 0.00	31.55 1.59 0.00	32.17 1.73 0.00	35.41 1.88 0.00	38.70 2.16 0.00	39.21 2.25 0.00	38.84 2.34 0.00	38.35 2.48 0.00	34.43 2.19 0.00	31.47 2.00 0.00	28.31 1.88 0.00	24.91 1.74 0.00	23.74 1.66 0.00	29.84 2.00 0.00	36.23 2.40 0.00	52.20 3.28 0.00	57.27 3.34 0.00	52.29 3.05 0.00	43.01 2.51 0.00	38.50 2.04 0.00	34.49 1.70 0.00
LIGHTRSE_115KV_TB6 355974	37.34 -0.49 0.00	34.50 -0.56 0.00	33.89 -0.52 0.00	29.55 -0.42 0.00	29.74 -0.70 0.00	32.79 -0.74 0.00	35.82 -0.73 0.00	36.14 -0.81 0.00	35.59 -0.91 0.00	34.83 -1.04 0.00	31.20 -1.03 0.00	28.41 -1.06 0.00	25.35 -1.08 0.00	22.13 -1.04 0.00	21.20 -0.88 0.00	26.81 -1.03 0.00	32.85 -0.98 0.00	48.09 -0.83 0.00	53.55 -0.38 0.00	48.84 -0.39 0.00	40.05 -0.45 0.00	36.02 -0.44 0.00	32.33 -0.46 0.00
LINDEN COGEN____ 23786	40.33 2.50 0.00	37.13 2.07 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.17 1.73 0.00	35.51 1.98 0.00	38.85 2.30 0.00	39.43 2.48 0.00	39.02 2.52 0.00	38.57 2.69 0.00	34.59 2.35 0.00	31.59 2.12 0.00	28.44 2.01 0.00	25.08 1.90 0.00	23.94 1.86 0.00	30.01 2.17 0.00	36.40 2.57 0.00	52.20 3.28 0.00	57.27 3.34 0.00	52.29 3.05 0.00	43.17 2.67 0.00	38.65 2.19 0.00	34.62 1.83 0.00
LINDHRST_69_KV_BK1 356055	41.27 3.44 0.00	37.80 2.74 0.00	36.58 2.17 0.00	32.18 2.22 0.00	32.81 2.37 0.00	35.98 2.45 0.00	39.29 2.74 0.00	39.88 2.92 0.00	39.71 3.21 0.00	39.50 3.62 0.00	35.52 3.29 0.00	32.44 2.98 0.00	29.21 2.78 0.00	25.68 2.50 0.00	24.47 2.39 0.00	30.84 3.01 0.00	37.51 3.69 0.00	53.52 4.60 0.00	58.46 4.53 0.00	53.52 4.28 0.00	44.43 3.93 0.00	39.52 3.06 0.00	35.47 2.69 0.00
LIPA_MISC_IPP 23656	41.16 3.33 0.00	37.66 2.59 0.00	36.40 2.00 0.00	32.12 2.16 0.00	32.75 2.31 0.00	35.71 2.18 0.00	38.85 2.30 0.00	39.51 2.55 0.00	39.49 2.99 0.00	39.39 3.52 0.00	35.43 3.19 0.00	32.35 2.89 0.00	29.15 2.72 0.00	25.61 2.43 0.00	24.40 2.32 0.00	30.82 2.98 0.00	37.58 3.75 0.00	53.42 4.50 0.00	58.13 4.21 0.00	53.37 4.14 0.00	44.43 3.93 0.00	39.45 2.99 0.00	35.44 2.66 0.00
LISF__SOLAR 323691	41.24 3.41 0.00	37.66 2.59 0.00	36.40 1.99 0.00	32.12 2.16 0.00	32.60 2.25 0.00	35.77 2.25 0.00	38.92 2.37 0.00	39.54 2.59 0.00	39.53 3.03 0.00	39.43 3.55 0.00	35.46 3.22 0.00	32.32 2.86 0.00	29.13 2.70 0.00	25.59 2.41 0.00	24.42 2.34 0.00	30.82 2.98 -0.01	37.62 3.79 -0.01	53.47 4.55 0.00	58.24 4.32 0.00	53.47 4.23 0.00	44.39 3.89 0.00	39.52 3.06 0.00	35.51 2.72 0.00

LITTLE FALLS___HYD 24013	39.23 1.40 0.00	36.33 1.26 0.00	35.68 1.27 0.00	31.01 1.05 0.00	31.44 1.00 0.00	34.60 1.07 0.00	37.72 1.17 0.00	38.18 1.22 0.00	37.71 1.20 0.00	37.09 1.22 0.00	33.36 1.13 0.00	30.50 1.03 0.00	27.36 0.93 0.00	24.01 0.83 0.00	22.90 0.82 0.00	28.87 1.03 0.00	35.18 1.35 0.00	50.92 2.01 0.00	56.14 2.21 0.00	51.16 1.92 0.00	42.08 1.58 0.00	37.84 1.39 0.00	34.03 1.25 0.00
LITTLRIV_115KV_TB1 356100	38.17 0.34 0.00	35.45 0.39 0.00	35.03 0.62 0.00	30.24 0.27 0.00	30.59 0.15 0.00	33.76 0.23 0.00	36.66 0.11 0.00	36.88 -0.07 0.00	36.39 -0.11 0.00	35.77 -0.11 0.00	32.07 -0.16 0.00	29.26 -0.21 0.00	26.22 -0.21 0.00	22.97 -0.21 0.00	21.91 -0.18 0.00	27.59 -0.25 0.00	33.35 -0.47 0.00	48.48 -0.44 0.00	53.71 -0.22 0.00	49.04 -0.20 0.00	40.42 -0.08 0.00	36.42 -0.04 0.00	32.75 -0.03 0.00
LI_NEWBRDGE___DRP 323616	40.63 2.80 0.00	37.31 2.24 0.00	36.09 1.69 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.54 2.01 0.00	38.78 2.23 0.00	39.36 2.40 0.00	39.17 2.66 0.00	38.96 3.09 0.00	35.01 2.77 0.00	32.00 2.53 0.00	28.81 2.38 0.00	25.33 2.16 0.00	24.14 2.05 0.00	30.40 2.56 0.00	36.90 3.08 0.00	52.68 3.77 0.00	57.54 3.61 0.00	52.73 3.50 0.00	43.74 3.24 0.00	38.94 2.48 0.00	34.95 2.16 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.95 -4.88 0.00	30.51 -4.56 0.00	30.00 -4.40 0.00	26.58 -3.39 0.00	26.85 -3.59 0.00	29.40 -4.12 0.00	32.02 -4.53 0.00	32.48 -4.47 0.00	31.57 -4.93 0.00	30.43 -5.24 0.20	26.40 -4.67 1.16	22.95 -4.24 2.28	17.25 -3.81 5.37	17.70 -3.38 2.10	18.70 -3.22 0.16	23.37 -4.12 0.35	28.76 -5.04 0.03	37.29 -7.24 4.38	39.04 -7.60 7.29	38.68 -6.94 3.61	33.79 -5.79 0.92	31.39 -5.07 0.00	28.85 -3.93 0.00
LOCKPORT___CC1 323769	33.18 -4.65 0.00	30.61 -4.45 0.00	30.14 -4.27 0.00	26.70 -3.27 0.00	27.03 -3.41 0.00	29.44 -4.09 0.00	32.05 -4.50 0.00	32.52 -4.44 0.00	31.61 -4.89 0.00	30.44 -5.24 0.20	26.43 -4.67 1.13	22.99 -4.27 2.21	17.41 -3.81 5.21	17.63 -3.41 2.14	18.59 -3.34 0.16	23.31 -4.18 0.35	28.79 -5.01 0.03	37.24 -7.19 4.49	39.20 -7.66 7.07	38.69 -7.04 3.50	33.82 -5.79 0.89	31.39 -5.07 0.00	28.98 -3.80 0.00
LOCKPORT___CC2 323770	33.18 -4.65 0.00	30.61 -4.45 0.00	30.14 -4.27 0.00	26.70 -3.27 0.00	27.03 -3.41 0.00	29.44 -4.09 0.00	32.05 -4.50 0.00	32.52 -4.44 0.00	31.61 -4.89 0.00	30.44 -5.24 0.20	26.43 -4.67 1.13	22.99 -4.27 2.21	17.41 -3.81 5.21	17.63 -3.41 2.14	18.59 -3.34 0.16	23.31 -4.18 0.35	28.79 -5.01 0.03	37.24 -7.19 4.49	39.20 -7.66 7.07	38.69 -7.04 3.50	33.82 -5.79 0.89	31.39 -5.07 0.00	28.98 -3.80 0.00
LOCKPORT___CC3 323771	33.18 -4.65 0.00	30.61 -4.45 0.00	30.14 -4.27 0.00	26.70 -3.27 0.00	27.03 -3.41 0.00	29.44 -4.09 0.00	32.05 -4.50 0.00	32.52 -4.44 0.00	31.61 -4.89 0.00	30.44 -5.24 0.20	26.43 -4.67 1.13	22.99 -4.27 2.21	17.41 -3.81 5.21	17.63 -3.41 2.14	18.59 -3.34 0.16	23.31 -4.18 0.35	28.79 -5.01 0.03	37.24 -7.19 4.49	39.20 -7.66 7.07	38.69 -7.04 3.50	33.82 -5.79 0.89	31.39 -5.07 0.00	28.98 -3.80 0.00
LOCUSVLY_69_KV_BK2 55797	40.89 3.06 0.00	37.55 2.49 0.00	36.40 2.00 0.00	31.97 2.01 0.00	32.60 2.16 0.00	35.81 2.28 0.00	39.14 2.59 0.00	39.73 2.77 0.00	39.49 2.99 0.00	39.25 3.37 0.00	35.27 3.03 0.00	32.24 2.77 0.00	29.02 2.59 0.00	25.52 2.34 0.00	24.29 2.21 0.00	30.59 2.76 0.00	37.14 3.31 0.00	53.08 4.16 0.00	57.97 4.04 0.00	53.08 3.84 0.00	44.02 3.52 0.00	39.19 2.73 0.00	35.18 2.39 0.00
LONG_LAKE_PHOENIX 24014	36.54 -1.29 0.00	33.84 -1.23 0.00	33.17 -1.24 0.00	29.01 -0.96 0.00	29.43 -1.00 0.00	32.39 -1.14 0.00	35.38 -1.17 0.00	35.77 -1.18 0.00	35.30 -1.20 0.00	34.58 -1.29 0.00	31.04 -1.19 0.00	28.38 -1.09 0.00	25.43 -1.00 0.00	22.25 -0.93 0.00	21.24 -0.84 0.00	26.81 -1.03 0.00	32.64 -1.18 0.00	47.30 -1.61 0.00	52.36 -1.56 0.00	47.86 -1.38 0.00	39.37 -1.13 0.00	35.55 -0.91 0.00	32.00 -0.79 0.00
LOVETT___3 23632	39.99 2.16 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.05 1.61 0.00	35.27 1.74 0.00	38.56 2.01 0.00	39.06 2.11 0.00	38.69 2.19 0.00	38.21 2.33 0.00	34.30 2.06 0.00	31.38 1.92 0.00	28.23 1.80 0.00	24.82 1.65 0.00	23.65 1.57 0.00	29.73 1.89 0.00	36.09 2.27 0.00	51.95 3.03 0.00	57.00 3.07 0.00	52.04 2.81 0.00	42.85 2.35 0.00	38.35 1.90 0.00	34.36 1.57 0.00
LOVETT___4 23642	39.99 2.16 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.05 1.61 0.00	35.27 1.74 0.00	38.56 2.01 0.00	39.06 2.11 0.00	38.69 2.19 0.00	38.21 2.33 0.00	34.30 2.06 0.00	31.38 1.92 0.00	28.23 1.80 0.00	24.82 1.65 0.00	23.65 1.57 0.00	29.73 1.89 0.00	36.09 2.27 0.00	51.95 3.03 0.00	57.00 3.07 0.00	52.04 2.81 0.00	42.85 2.35 0.00	38.35 1.90 0.00	34.36 1.57 0.00
LOVETT___5 23593	39.99 2.16 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.05 1.61 0.00	35.27 1.74 0.00	38.56 2.01 0.00	39.06 2.11 0.00	38.69 2.19 0.00	38.21 2.33 0.00	34.30 2.06 0.00	31.38 1.92 0.00	28.23 1.80 0.00	24.82 1.65 0.00	23.65 1.57 0.00	29.73 1.89 0.00	36.09 2.27 0.00	51.95 3.03 0.00	57.00 3.07 0.00	52.04 2.81 0.00	42.85 2.35 0.00	38.35 1.90 0.00	34.36 1.57 0.00
LOWER RAQUET___HYD 24057	37.83 0.00 0.00	35.14 0.07 0.00	34.72 0.31 0.00	29.97 0.00 0.00	30.29 -0.15 0.00	33.39 -0.13 0.00	36.29 -0.25 0.00	36.62 -0.33 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.91 -0.32 0.00	29.14 -0.32 0.00	26.06 -0.37 0.00	22.87 -0.30 0.00	21.82 -0.26 0.00	27.39 -0.45 0.00	33.11 -0.71 0.00	47.94 -0.98 0.00	52.96 -0.97 0.00	48.40 -0.84 0.00	39.97 -0.53 0.00	36.06 -0.40 0.00	32.43 -0.36 0.00
LOWER___HUDSON 24059	39.46 1.63 0.00	36.57 1.51 0.00	35.72 1.31 0.00	31.17 1.20 0.00	31.74 1.31 0.00	35.00 1.47 0.00	38.12 1.57 0.00	38.54 1.59 0.00	38.14 1.64 0.00	37.49 1.62 0.00	33.65 1.42 0.00	30.82 1.36 0.00	27.62 1.19 0.00	24.20 1.02 0.00	23.05 0.97 0.00	29.09 1.25 0.00	35.35 1.52 0.00	51.12 2.20 0.00	56.25 2.32 0.00	51.26 2.02 0.00	42.12 1.62 0.00	37.84 1.39 0.00	33.90 1.12 0.00
LOWVILLE_115KV_TB2 356335	38.21 0.38 0.00	35.35 0.28 0.00	34.75 0.34 0.00	30.21 0.24 0.00	29.65 -0.79 0.00	32.72 -0.80 0.00	35.71 -0.84 0.00	36.03 -0.92 0.00	35.52 -0.99 0.00	34.87 -1.00 0.00	31.24 -1.00 0.00	28.43 -1.03 0.00	25.40 -1.03 0.00	22.20 -0.97 0.00	21.29 -0.80 0.00	26.81 -1.03 0.00	32.78 -1.05 0.00	47.94 -0.98 0.00	53.23 -0.70 0.00	48.45 -0.79 0.00	39.77 -0.73 0.00	35.77 -0.69 0.00	32.13 -0.66 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	39.65 1.82 0.00	36.71 1.65 0.00	35.89 1.48 0.00	31.31 1.35 0.00	31.93 1.49 0.00	35.24 1.71 0.00	38.41 1.86 0.00	38.80 1.85 0.00	38.44 1.93 0.00	37.70 1.83 0.00	33.78 1.55 0.00	30.82 1.36 0.00	27.52 1.08 0.00	24.10 0.93 0.00	22.95 0.86 0.00	29.01 1.17 0.00	35.42 1.59 0.00	51.41 2.49 0.00	56.73 2.80 0.00	51.60 2.36 0.00	42.36 1.86 0.00	38.03 1.57 0.00	34.13 1.34 0.00
LUTHERNY_35_KV_BK2 355980	39.68 1.85 0.00	36.71 1.65 0.00	35.89 1.48 0.00	31.34 1.38 0.00	31.93 1.49 0.00	35.27 1.74 0.00	38.45 1.90 0.00	38.80 1.85 0.00	38.44 1.93 0.00	37.74 1.87 0.00	33.81 1.58 0.00	30.85 1.38 0.00	27.54 1.11 0.00	24.10 0.93 0.00	22.97 0.88 0.00	29.01 1.17 0.00	35.45 1.62 0.00	51.41 2.49 0.00	56.79 2.86 0.00	51.65 2.41 0.00	42.40 1.90 0.00	38.06 1.60 0.00	34.16 1.38 0.00
LWR__OSWEGATCHIE_HYD 23850	37.87 0.04 0.00	35.10 0.04 0.00	34.58 0.17 0.00	29.97 0.00 0.00	29.92 -0.52 0.00	33.02 -0.50 0.00	35.93 -0.62 0.00	36.22 -0.74 0.00	35.77 -0.73 0.00	35.12 -0.75 0.00	31.49 -0.74 0.00	28.70 -0.77 0.00	25.67 -0.77 0.00	22.46 -0.72 0.00	21.47 -0.62 0.00	27.03 -0.81 0.00	32.81 -1.01 0.00	47.84 -1.08 0.00	53.07 -0.86 0.00	48.35 -0.89 0.00	39.85 -0.65 0.00	35.88 -0.58 0.00	32.23 -0.56 0.00
LYONS_FALL_HYD 23570	38.21 0.38 0.00	35.34 0.28 0.00	34.75 0.34 0.00	30.20 0.24 0.00	30.04 -0.40 0.00	33.16 -0.37 0.00	36.15 -0.40 0.00	36.51 -0.44 0.00	36.03 -0.48 0.00	35.37 -0.50 0.00	31.72 -0.52 0.00	28.91 -0.56 0.00	25.85 -0.58 0.00	22.60 -0.58 0.00	21.64 -0.44 0.00	27.22 -0.61 0.00	33.28 -0.54 0.00	48.58 -0.34 0.00	53.82 -0.11 0.00	49.04 -0.20 0.00	40.26 -0.24 0.00	36.21 -0.25 0.00	32.52 -0.26 0.00
MADISON__COUNTY_LFGE 323628	38.13 0.30 0.00	35.31 0.25 0.00	34.68 0.28 0.00	30.24 0.27 0.00	30.59 0.15 0.00	33.76 0.23 0.00	36.80 0.26 0.00	37.21 0.26 0.00	36.68 0.18 0.00	35.95 0.07 0.00	32.27 0.03 0.00	29.44 -0.03 0.00	26.35 -0.08 0.00	23.04 -0.14 0.00	22.02 -0.07 0.00	27.81 -0.03 0.00	33.96 0.14 0.00	49.41 0.49 0.00	54.74 0.81 0.00	49.88 0.64 0.00	40.94 0.45 0.00	36.86 0.40 0.00	33.11 0.33 0.00
MALONE__115KV_TB1 356076	37.57 -0.26 0.00	34.92 -0.14 0.00	34.79 0.38 0.00	29.82 -0.15 0.00	30.22 -0.21 0.00	33.33 -0.20 0.00	36.22 -0.33 0.00	36.55 -0.41 0.00	36.17 -0.33 0.00	35.66 -0.22 0.00	32.04 -0.19 0.00	29.29 -0.18 0.00	26.30 -0.13 0.00	23.04 -0.14 0.00	21.95 -0.13 0.00	27.59 -0.25 0.00	33.25 -0.58 0.00	48.28 -0.64 0.00	53.39 -0.54 0.00	48.65 -0.59 0.00	39.97 -0.53 0.00	35.91 -0.55 0.00	32.29 -0.49 0.00
MAPLEWOD_115KV_TB3 80458	39.53 1.70 0.00	36.61 1.54 0.00	35.79 1.38 0.00	31.22 1.26 0.00	31.78 1.34 0.00	35.04 1.51 0.00	38.16 1.61 0.00	38.54 1.59 0.00	38.14 1.64 0.00	37.56 1.69 0.00	33.72 1.48 0.00	30.82 1.36 0.00	27.62 1.19 0.00	24.22 1.04 0.00	23.06 0.97 0.00	29.06 1.22 0.00	35.42 1.59 0.00	51.12 2.20 0.00	56.30 2.37 0.00	51.30 2.07 0.00	42.16 1.66 0.00	37.92 1.46 0.00	34.00 1.21 0.00
MAPLE_RIDGE_WT_1 323574	36.09 -1.74 0.00	33.45 -1.61 0.00	34.13 -0.28 0.00	28.56 -1.41 0.00	29.04 -1.40 0.00	31.95 -1.58 0.00	34.83 -1.72 0.00	35.26 -1.70 0.00	35.00 -1.50 0.00	34.58 -1.29 0.00	31.14 -1.10 0.00	28.46 -1.00 0.00	25.53 -0.90 0.00	22.36 -0.81 0.00	21.33 -0.75 0.00	26.94 -0.89 0.00	32.81 -1.01 0.00	47.35 -1.57 0.00	51.99 -1.94 0.00	47.22 -2.02 0.00	38.76 -1.74 0.00	34.82 -1.64 0.00	31.28 -1.51 0.00
MAPLE_RIDGE_WT_2 323611	36.09 -1.74 0.00	33.45 -1.61 0.00	34.13 -0.28 0.00	28.56 -1.41 0.00	29.04 -1.40 0.00	31.95 -1.58 0.00	34.83 -1.72 0.00	35.26 -1.70 0.00	35.00 -1.50 0.00	34.58 -1.29 0.00	31.14 -1.10 0.00	28.46 -1.00 0.00	25.53 -0.90 0.00	22.36 -0.81 0.00	21.33 -0.75 0.00	26.94 -0.89 0.00	32.81 -1.01 0.00	47.35 -1.57 0.00	51.99 -1.94 0.00	47.22 -2.02 0.00	38.76 -1.74 0.00	34.82 -1.64 0.00	31.28 -1.51 0.00
MARBLE_RIVER_WT_PWR 323696	37.07 -0.76 0.00	34.47 -0.60 0.00	34.44 0.03 0.00	29.43 -0.54 0.00	29.89 -0.55 0.00	32.89 -0.64 0.00	35.71 -0.84 0.00	36.03 -0.92 0.00	35.62 -0.88 0.00	35.19 -0.68 0.00	31.69 -0.55 0.00	28.99 -0.47 0.00	26.04 -0.40 0.00	22.85 -0.32 0.00	21.73 -0.35 0.00	27.28 -0.56 0.00	32.98 -0.84 0.00	47.79 -1.12 0.00	52.58 -1.35 0.00	48.01 -1.23 0.00	39.41 -1.09 0.00	35.44 -1.02 0.00	31.90 -0.88 0.00
MARSHVLE_115KV_TB1 80742	38.93 1.10 0.00	35.98 0.91 0.00	35.17 0.76 0.00	30.71 0.75 0.00	31.35 0.91 0.00	34.67 1.14 0.00	37.83 1.28 0.00	37.99 1.03 0.00	37.41 0.91 0.00	36.41 0.54 0.00	32.56 0.32 0.00	29.55 0.09 0.00	26.25 -0.19 0.00	22.71 -0.46 0.00	21.53 -0.55 0.00	27.34 -0.50 0.00	33.96 0.14 0.00	50.39 1.47 0.00	56.03 2.10 0.00	50.96 1.72 0.00	41.88 1.38 0.00	37.52 1.06 0.00	33.57 0.79 0.00
MARSH_HILL_WT_PWR 323713	34.43 -3.40 0.00	31.73 -3.33 0.00	31.11 -3.30 0.00	27.48 -2.49 0.00	27.76 -2.68 0.00	30.61 -2.92 0.00	33.51 -3.03 0.00	34.04 -2.92 0.00	33.18 -3.32 0.00	31.99 -3.77 0.12	28.09 -3.51 0.63	24.97 -3.27 1.22	20.60 -2.96 2.87	15.98 -2.74 4.46	19.36 -2.63 0.10	24.11 -3.20 0.53	30.08 -3.69 0.06	43.19 -4.89 0.83	44.92 -5.12 3.89	42.58 -4.73 1.93	36.11 -3.89 0.50	32.99 -3.46 0.00	30.00 -2.79 0.00
MCINTYRE_115KV_TB2 80467	38.36 0.53 0.00	35.59 0.53 0.00	35.17 0.76 0.00	30.38 0.42 0.00	30.77 0.33 0.00	33.96 0.44 0.00	36.80 0.26 0.00	37.03 0.07 0.00	36.50 0.00 0.00	35.88 0.00 0.00	32.14 -0.10 0.00	29.32 -0.15 0.00	26.30 -0.13 0.00	23.04 -0.14 0.00	21.95 -0.13 0.00	27.70 -0.14 0.00	33.52 -0.30 0.00	48.82 -0.10 0.00	54.09 0.16 0.00	49.43 0.20 0.00	40.66 0.16 0.00	36.64 0.18 0.00	32.95 0.16 0.00
MECO____69_KV_BK1 80468	39.83 2.00 0.00	36.85 1.79 0.00	35.96 1.55 0.00	31.43 1.47 0.00	32.08 1.64 0.00	35.51 1.98 0.00	38.70 2.16 0.00	38.80 1.85 0.00	38.22 1.72 0.00	37.17 1.29 0.00	33.23 1.00 0.00	30.17 0.71 0.00	26.78 0.34 0.00	23.25 0.07 0.00	22.06 -0.02 0.00	28.06 0.22 0.00	34.88 1.05 0.00	51.71 2.79 0.00	57.43 3.51 0.00	52.24 3.00 0.00	42.81 2.31 0.00	38.35 1.90 0.00	34.36 1.57 0.00
MENANDS__115KV_TB5 355628	39.49 1.66 0.00	36.57 1.51 0.00	35.75 1.34 0.00	31.19 1.23 0.00	31.78 1.34 0.00	35.00 1.48 0.00	38.08 1.53 0.00	38.51 1.55 0.00	38.11 1.61 0.00	37.56 1.69 0.00	33.72 1.48 0.00	30.82 1.36 0.00	27.62 1.19 0.00	24.22 1.04 0.00	23.06 0.97 0.00	29.09 1.25 0.00	35.38 1.56 0.00	51.07 2.15 0.00	56.19 2.26 0.00	51.21 1.97 0.00	42.12 1.62 0.00	37.84 1.39 0.00	33.97 1.18 0.00

MG INDUSTRY___DRP 24185	39.38 1.55 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.90 1.37 0.00	38.01 1.46 0.00	38.40 1.44 0.00	37.96 1.46 0.00	37.31 1.43 0.00	33.46 1.22 0.00	30.56 1.09 0.00	27.38 0.95 0.00	24.01 0.83 0.00	22.84 0.75 0.00	28.81 0.97 0.00	35.15 1.32 0.00	50.87 1.96 0.00	56.03 2.10 0.00	51.06 1.82 0.00	42.00 1.50 0.00	37.77 1.31 0.00	33.93 1.15 0.00
MID___OSWEGATCHIE_HYD 23849	37.87 0.04 0.00	35.10 0.04 0.00	34.58 0.17 0.00	29.97 0.00 0.00	29.92 -0.52 0.00	33.02 -0.50 0.00	35.93 -0.62 0.00	36.22 -0.74 0.00	35.77 -0.73 0.00	35.12 -0.75 0.00	31.49 -0.74 0.00	28.70 -0.77 0.00	25.67 -0.77 0.00	22.46 -0.72 0.00	21.47 -0.62 0.00	27.03 -0.81 0.00	32.81 -1.01 0.00	47.84 -1.08 0.00	53.07 -0.86 0.00	48.35 -0.89 0.00	39.85 -0.65 0.00	35.88 -0.58 0.00	32.23 -0.56 0.00
MID___RAQUETTE_HYD 23851	37.83 0.00 0.00	35.14 0.07 0.00	34.72 0.31 0.00	30.00 0.03 0.00	30.28 -0.15 0.00	33.39 -0.13 0.00	36.29 -0.26 0.00	36.62 -0.33 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.91 -0.32 0.00	29.14 -0.32 0.00	26.11 -0.32 0.00	22.88 -0.30 0.00	21.82 -0.27 0.00	27.45 -0.39 0.00	33.12 -0.71 0.00	47.94 -0.98 0.00	52.96 -0.97 0.00	48.40 -0.84 0.00	39.97 -0.53 0.00	36.06 -0.40 0.00	32.43 -0.36 0.00
MILLIKEN___1 23584	37.64 -0.19 0.00	34.89 -0.18 0.00	34.17 -0.24 0.00	29.91 -0.06 0.00	30.35 -0.09 0.00	33.46 -0.07 0.00	36.62 0.07 0.00	36.99 0.04 0.00	36.32 -0.18 0.00	35.50 -0.36 0.02	31.77 -0.39 0.08	28.87 -0.44 0.15	25.63 -0.45 0.35	21.58 -0.44 1.16	21.69 -0.38 0.01	27.35 -0.36 0.13	33.61 -0.20 0.01	48.55 0.00 0.37	53.67 0.22 0.47	49.20 0.20 0.24	40.56 0.12 0.06	36.57 0.11 0.00	32.88 0.10 0.00
MILLIKEN___2 23585	37.64 -0.19 0.00	34.89 -0.18 0.00	34.17 -0.24 0.00	29.91 -0.06 0.00	30.35 -0.09 0.00	33.46 -0.07 0.00	36.62 0.07 0.00	36.99 0.04 0.00	36.32 -0.18 0.00	35.50 -0.36 0.02	31.77 -0.39 0.08	28.87 -0.44 0.15	25.63 -0.45 0.35	21.58 -0.44 1.16	21.69 -0.38 0.01	27.35 -0.36 0.13	33.61 -0.20 0.01	48.55 0.00 0.37	53.67 0.22 0.47	49.20 0.20 0.24	40.56 0.12 0.06	36.57 0.11 0.00	32.88 0.10 0.00
MILLIKEN___DIESEL 23629	37.64 -0.19 0.00	34.89 -0.18 0.00	34.17 -0.24 0.00	29.91 -0.06 0.00	30.35 -0.09 0.00	33.46 -0.07 0.00	36.62 0.07 0.00	36.99 0.04 0.00	36.32 -0.18 0.00	35.50 -0.36 0.02	31.77 -0.39 0.08	28.87 -0.44 0.15	25.63 -0.45 0.35	21.58 -0.44 1.16	21.69 -0.38 0.01	27.35 -0.36 0.13	33.61 -0.20 0.01	48.55 0.00 0.37	53.67 0.22 0.47	49.20 0.20 0.24	40.56 0.12 0.06	36.57 0.11 0.00	32.88 0.10 0.00
MILLSEAT___LFGE 323607	34.16 -3.67 0.00	31.49 -3.58 0.00	30.97 -3.44 0.00	27.42 -2.55 0.00	27.79 -2.65 0.00	30.31 -3.22 0.00	33.04 -3.51 0.00	33.44 -3.51 0.00	32.52 -3.98 0.00	31.15 -4.31 0.42	25.82 -3.90 2.52	20.89 -3.63 4.95	11.43 -3.28 11.72	18.26 -2.94 1.98	18.90 -2.85 0.34	23.79 -3.56 0.49	29.67 -4.13 0.03	39.40 -5.67 3.85	41.91 -5.83 6.19	40.81 -5.37 3.07	35.22 -4.50 0.78	32.49 -3.97 0.00	29.87 -2.92 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.14 2.31 0.00	37.03 1.96 0.00	35.99 1.58 0.00	31.52 1.56 0.00	32.14 1.70 0.00	35.41 1.88 0.00	38.67 2.12 0.00	39.21 2.25 0.00	38.84 2.34 0.00	38.35 2.48 0.00	34.43 2.19 0.00	31.47 2.00 0.00	28.31 1.88 0.00	24.91 1.74 0.00	23.74 1.66 0.00	29.84 2.00 0.00	36.19 2.37 0.00	52.10 3.18 0.00	57.16 3.24 0.00	52.19 2.95 0.00	42.97 2.47 0.00	38.46 2.01 0.00	34.46 1.67 0.00
MILLWOOD_13_KV_LOAD 356217	40.21 2.38 0.00	37.10 2.03 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.20 1.77 0.00	35.47 1.94 0.00	38.74 2.19 0.00	39.28 2.33 0.00	38.91 2.41 0.00	38.42 2.55 0.00	34.49 2.26 0.00	31.53 2.06 0.00	28.34 1.90 0.00	24.96 1.78 0.00	23.76 1.68 0.00	29.87 2.03 0.00	36.26 2.44 0.00	52.24 3.33 0.00	57.27 3.34 0.00	52.29 3.05 0.00	43.05 2.55 0.00	38.54 2.08 0.00	34.52 1.74 0.00
MODEL_CITY_ENERGY 24167	32.84 -4.99 0.00	30.30 -4.77 0.00	29.87 -4.54 0.00	26.46 -3.51 0.00	26.78 -3.65 0.00	29.04 -4.49 0.00	31.61 -4.93 0.00	32.12 -4.84 0.00	31.21 -5.29 0.00	30.24 -5.45 0.18	26.38 -4.84 1.02	23.12 -4.36 1.98	17.85 -3.91 4.67	17.52 -3.50 2.15	18.47 -3.47 0.15	23.10 -4.40 0.34	28.42 -5.38 0.03	36.88 -7.58 4.46	39.51 -8.09 6.33	38.71 -7.39 3.14	33.66 -6.03 0.80	30.99 -5.47 0.00	28.72 -4.07 0.00
MODERN_LFGE___ 323580	32.84 -4.99 0.00	30.30 -4.77 0.00	29.87 -4.54 0.00	26.46 -3.51 0.00	26.78 -3.65 0.00	29.04 -4.49 0.00	31.61 -4.93 0.00	32.12 -4.84 0.00	31.21 -5.29 0.00	30.24 -5.45 0.18	26.38 -4.84 1.02	23.12 -4.36 1.98	17.85 -3.91 4.67	17.52 -3.50 2.15	18.47 -3.47 0.15	23.10 -4.40 0.34	28.42 -5.38 0.03	36.88 -7.58 4.46	39.51 -8.09 6.33	38.71 -7.39 3.14	33.66 -6.03 0.80	30.99 -5.47 0.00	28.72 -4.07 0.00
MOHAWK_PAPER___DRP 24187	39.53 1.70 0.00	36.61 1.54 0.00	35.79 1.38 0.00	31.22 1.26 0.00	31.78 1.34 0.00	35.04 1.51 0.00	38.16 1.61 0.00	38.54 1.59 0.00	38.14 1.64 0.00	37.56 1.69 0.00	33.72 1.48 0.00	30.82 1.36 0.00	27.62 1.19 0.00	24.22 1.04 0.00	23.06 0.97 0.00	29.06 1.22 0.00	35.42 1.59 0.00	51.12 2.20 0.00	56.30 2.37 0.00	51.30 2.07 0.00	42.16 1.66 0.00	37.92 1.46 0.00	34.00 1.21 0.00
MOHICAN_35_KV_115KV_LD 80490	39.65 1.82 0.00	36.68 1.61 0.00	35.85 1.45 0.00	31.31 1.35 0.00	31.96 1.52 0.00	35.34 1.81 0.00	38.52 1.97 0.00	38.88 1.92 0.00	38.54 2.04 0.00	37.78 1.90 0.00	33.81 1.58 0.00	30.82 1.36 0.00	27.46 1.03 0.00	24.01 0.83 0.00	22.88 0.80 0.00	28.95 1.11 0.00	35.42 1.59 0.00	51.51 2.59 0.00	56.95 3.02 0.00	51.75 2.51 0.00	42.40 1.90 0.00	38.03 1.57 0.00	34.13 1.34 0.00
MONGAUP___HYD 23641	39.87 2.04 0.00	36.85 1.79 0.00	35.85 1.44 0.00	31.37 1.41 0.00	31.96 1.52 0.00	35.20 1.68 0.00	38.34 1.79 0.00	38.77 1.81 0.00	38.22 1.72 0.00	37.63 1.76 0.00	33.78 1.55 0.00	30.82 1.36 0.00	27.67 1.24 0.00	24.33 1.16 0.00	23.23 1.15 0.00	29.31 1.47 0.00	35.75 1.93 0.00	51.75 2.84 0.00	57.06 3.13 0.00	51.99 2.76 0.00	42.77 2.27 0.00	38.25 1.79 0.00	34.33 1.54 0.00
MONTAUK___DIESEL 23721	41.16 3.33 0.00	37.55 2.49 0.00	36.30 1.89 0.00	32.00 2.04 0.00	32.66 2.22 0.00	35.64 2.11 0.00	38.78 2.23 0.00	39.47 2.51 0.00	39.49 2.99 0.00	39.50 3.62 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.15 2.72 0.00	25.59 2.41 0.00	24.38 2.30 0.00	30.76 2.92 0.00	37.61 3.79 0.00	53.57 4.65 0.00	58.30 4.37 0.00	53.52 4.28 0.00	44.51 4.01 0.00	39.52 3.06 0.00	35.61 2.82 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	32.31 -5.52 0.00	29.91 -5.15 0.00	30.00 -4.40 0.00	26.16 -3.81 0.00	26.63 -3.80 0.00	29.64 -3.89 0.00	32.53 -4.02 0.00	33.04 -3.92 0.00	32.16 -4.34 0.00	30.81 -4.91 0.15	26.81 -4.58 0.84	23.42 -4.39 1.65	18.72 -3.81 3.90	17.15 -3.43 2.59	18.78 -3.18 0.12	23.44 -4.04 0.36	28.96 -4.84 0.03	37.31 -7.14 4.47	41.14 -7.50 5.29	39.58 -7.04 2.62	34.04 -5.79 0.67	31.32 -5.14 0.00	28.56 -4.23 0.00
MORRIS_RIDGE___SOLAR 323848	34.46 -3.37 0.00	31.81 -3.26 0.00	31.24 -3.16 0.00	27.57 -2.40 0.00	27.76 -2.68 0.00	30.51 -3.02 0.00	33.29 -3.25 0.00	33.85 -3.10 0.00	32.96 -3.54 0.00	31.68 -4.05 0.14	27.75 -3.74 0.75	24.53 -3.48 1.46	19.91 -3.09 3.42	16.22 -2.81 4.15	19.28 -2.70 0.11	24.04 -3.29 0.51	29.92 -3.86 0.05	32.15 -5.19 11.58	43.79 -5.50 4.64	41.81 -5.12 2.30	35.74 -4.17 0.59	32.78 -3.68 0.00	29.87 -2.92 0.00
MORTIMER_115KV_TB3 55949	35.64 -2.19 0.00	33.00 -2.07 0.00	32.34 -2.06 0.00	28.44 -1.53 0.00	28.82 -1.61 0.00	31.78 -1.74 0.00	34.72 -1.83 0.00	35.11 -1.85 0.00	34.46 -2.04 0.00	33.42 -2.48 -0.02	30.15 -2.26 -0.17	27.68 -2.12 -0.34	25.23 -2.01 -0.81	19.96 -1.81 1.41	20.57 -1.52 -0.01	25.65 -2.06 0.13	31.61 -2.20 0.02	44.74 -3.18 1.00	51.85 -3.18 -1.10	46.92 -2.86 -0.54	38.08 -2.55 -0.13	34.49 -1.97 0.00	31.18 -1.61 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.44 2.61 0.00	37.27 2.21 0.00	36.20 1.79 0.00	31.73 1.77 0.00	32.35 1.92 0.00	35.61 2.08 0.00	38.96 2.41 0.00	39.51 2.55 0.00	39.13 2.63 0.00	38.64 2.76 0.00	34.68 2.45 0.00	31.74 2.27 0.00	28.55 2.11 0.00	25.15 1.97 0.00	23.94 1.86 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.53 3.30 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.69 1.90 0.00
MUNSVILLE_WIND_PWR 323609	38.55 0.72 0.00	35.73 0.66 0.00	35.10 0.69 0.00	30.62 0.66 0.00	31.17 0.73 0.00	34.57 1.04 0.00	37.79 1.24 0.00	38.21 1.26 0.00	37.49 0.99 0.00	36.60 0.72 -0.01	32.81 0.55 -0.03	29.82 0.29 -0.06	26.68 0.11 -0.14	23.56 -0.09 -0.47	22.16 0.07 -0.01	28.14 0.25 -0.05	34.81 0.98 -0.01	51.74 2.30 -0.52	57.03 2.91 -0.19	51.74 2.41 -0.10	42.15 1.62 -0.03	37.73 1.28 0.00	33.90 1.12 0.00
N SALMON___HYD 24042	37.57 -0.26 0.00	34.93 -0.14 0.00	34.79 0.38 0.00	29.82 -0.15 0.00	30.23 -0.21 0.00	33.33 -0.20 0.00	36.22 -0.33 0.00	36.55 -0.41 0.00	36.17 -0.33 0.00	35.66 -0.21 0.00	32.04 -0.19 0.00	29.29 -0.18 0.00	26.25 -0.18 0.00	23.04 -0.14 0.00	21.95 -0.13 0.00	27.53 -0.31 0.00	33.25 -0.58 0.00	48.28 -0.64 0.00	53.34 -0.59 0.00	48.65 -0.59 0.00	39.97 -0.53 0.00	35.91 -0.55 0.00	32.30 -0.49 0.00
N.AKRON___115KV_KNAPP 355671	33.86 -3.97 0.00	31.31 -3.75 0.00	30.76 -3.65 0.00	27.24 -2.73 0.00	27.55 -2.89 0.00	30.21 -3.32 0.00	32.93 -3.62 0.00	33.37 -3.58 0.00	32.45 -4.05 0.00	31.07 -4.45 0.36	26.10 -4.00 2.14	21.55 -3.71 4.20	13.13 -3.36 9.95	18.21 -2.97 2.00	18.99 -2.80 0.29	23.83 -3.56 0.45	29.57 -4.23 0.03	38.96 -5.92 4.04	40.92 -6.09 6.91	40.25 -5.56 3.42	34.89 -4.74 0.87	32.34 -4.12 0.00	29.64 -3.15 0.00
N.E_GEN_SANDY PD 24062	39.73 1.85 -0.05	38.84 1.65 -2.13	35.82 1.41 0.00	31.28 1.32 0.00	31.87 1.43 0.00	38.01 1.61 -2.87	43.65 1.72 -5.38	42.37 1.77 -3.64	38.29 1.79 0.00	37.74 1.86 0.00	33.88 1.64 0.00	32.19 1.53 -1.19	28.90 1.40 -1.07	26.61 1.25 -2.18	28.70 1.21 -5.40	33.28 1.50 -3.94	41.50 1.83 -5.85	51.36 2.44 0.00	56.41 2.48 0.00	51.40 2.16 0.00	42.32 1.82 0.00	37.99 1.53 0.00	34.00 1.21 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.06 2.23 0.00	36.96 1.89 0.00	35.92 1.51 0.00	31.46 1.50 0.00	32.08 1.64 0.00	35.30 1.78 0.00	38.59 2.05 0.00	39.10 2.14 0.00	38.73 2.23 0.00	38.24 2.37 0.00	34.33 2.10 0.00	31.41 1.94 0.00	28.23 1.80 0.00	24.85 1.67 0.00	23.67 1.59 0.00	29.76 1.92 0.00	36.13 2.30 0.00	52.00 3.08 0.00	57.11 3.18 0.00	52.09 2.86 0.00	42.89 2.39 0.00	38.39 1.93 0.00	34.39 1.61 0.00
N.QUEENS_27_KV_LOAD 356247	40.59 2.76 0.00	37.34 2.28 0.00	36.13 1.72 0.00	31.85 1.89 0.00	32.29 1.86 0.00	35.51 1.98 0.00	38.85 2.30 0.00	39.51 2.55 0.00	39.09 2.59 0.00	38.64 2.76 0.00	34.68 2.45 0.00	31.79 2.33 0.00	28.63 2.19 0.00	25.22 2.04 0.00	24.01 1.92 0.00	30.15 2.31 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.43 3.51 0.00	52.53 3.30 0.00	43.21 2.71 0.00	38.65 2.19 0.00	34.59 1.80 0.00
N.TROY___115KV_TB1 355778	39.49 1.66 0.00	36.57 1.51 0.00	35.75 1.34 0.00	31.16 1.20 0.00	31.75 1.31 0.00	35.00 1.48 0.00	38.12 1.57 0.00	38.54 1.59 0.00	38.14 1.64 0.00	37.53 1.65 0.00	33.65 1.42 0.00	30.76 1.30 0.00	27.54 1.11 0.00	24.15 0.97 0.00	22.99 0.91 0.00	29.01 1.17 0.00	35.35 1.52 0.00	51.07 2.15 0.00	56.25 2.32 0.00	51.21 1.97 0.00	42.12 1.62 0.00	37.84 1.39 0.00	33.93 1.15 0.00
NARROWS_GT1_1 24228	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT1_2 24229	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT1_3 24230	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT1_4 24231	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00

NARROWS_GT1_5 24232	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT1_6 24233	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT1_7 24234	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT1_8 24235	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT2_1 24236	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT2_2 24237	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT2_3 24238	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT2_4 24239	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT2_5 24240	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT2_6 24241	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT2_7 24242	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NARROWS_GT2_8 24243	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.14 2.31 0.00	37.13 2.07 0.00	36.23 1.82 0.00	31.67 1.71 0.00	32.26 1.83 0.00	35.54 2.01 0.00	38.63 2.08 0.00	38.91 1.96 0.00	38.44 1.93 0.00	37.70 1.83 0.00	33.72 1.48 0.00	30.76 1.30 0.00	27.54 1.11 0.00	24.15 0.97 0.00	23.03 0.95 0.00	29.12 1.28 0.00	35.69 1.86 0.00	51.85 2.94 0.00	57.22 3.29 0.00	52.09 2.86 0.00	42.81 2.31 0.00	38.39 1.93 0.00	34.49 1.70 0.00
NCHELSEA_115KV_TR2 355582	40.21 2.38 0.00	37.13 2.07 0.00	36.13 1.72 0.00	31.61 1.65 0.00	32.23 1.80 0.00	35.47 1.94 0.00	38.74 2.19 0.00	39.25 2.29 0.00	38.84 2.34 0.00	38.31 2.44 0.00	34.36 2.13 0.00	31.41 1.94 0.00	28.20 1.77 0.00	24.82 1.65 0.00	23.67 1.59 0.00	29.79 1.95 0.00	36.23 2.40 0.00	52.24 3.33 0.00	57.38 3.45 0.00	52.34 3.10 0.00	43.05 2.55 0.00	38.54 2.08 0.00	34.52 1.74 0.00
NEG CAPITAL__MECHNVIL 23645	39.76 1.93 0.00	36.82 1.75 0.00	35.96 1.55 0.00	31.40 1.44 0.00	32.02 1.58 0.00	35.34 1.81 0.00	38.52 1.97 0.00	38.91 1.96 0.00	38.58 2.08 0.00	37.85 1.97 0.00	33.94 1.71 0.00	31.14 1.68 0.00	27.81 1.37 0.00	24.33 1.16 0.00	23.21 1.13 0.00	29.31 1.47 0.00	35.58 1.76 0.00	51.61 2.69 0.00	56.95 3.02 0.00	51.79 2.56 0.00	42.48 1.98 0.00	38.17 1.71 0.00	34.20 1.41 0.00

NEG CENTRAL_HIGH_ACRES 23767	35.48 -2.35 0.00	32.82 -2.24 0.00	32.21 -2.20 0.00	28.26 -1.71 0.00	28.70 -1.73 0.00	31.55 -1.98 0.00	34.50 -2.05 0.00	34.89 -2.07 0.00	34.27 -2.23 0.00	33.37 -2.51 0.00	29.94 -2.35 -0.06	27.37 -2.21 -0.12	24.63 -2.09 -0.29	20.05 -1.90 1.23	20.32 -1.77 0.00	25.55 -2.17 0.12	31.51 -2.30 0.02	44.83 -3.28 0.81	50.97 -3.34 -0.39	46.37 -3.05 -0.19	37.91 -2.63 -0.04	34.34 -2.12 0.00	31.02 -1.77 0.00
NEG CENTRAL___DRP 24199	36.73 -1.10 0.00	34.01 -1.05 0.00	33.34 -1.07 0.00	29.22 -0.75 0.00	29.65 -0.79 0.00	32.69 -0.84 0.00	35.74 -0.80 0.00	36.14 -0.81 0.00	35.48 -1.02 0.00	34.60 -1.26 0.02	30.94 -1.19 0.11	28.12 -1.15 0.20	24.88 -1.08 0.47	20.62 -1.00 1.56	21.20 -0.86 0.02	26.64 -1.03 0.17	32.76 -1.05 0.02	46.75 -1.32 0.85	51.95 -1.35 0.63	47.79 -1.13 0.32	39.44 -0.97 0.08	35.66 -0.80 0.00	32.10 -0.69 0.00
NEG CENTRAL___INDECK 23768	36.43 -1.40 0.00	33.59 -1.47 0.00	32.96 -1.44 0.00	29.07 -0.90 0.00	29.46 -0.98 0.00	32.39 -1.14 0.00	35.30 -1.24 0.00	35.48 -1.48 0.00	34.49 -2.01 0.00	33.19 -2.62 0.07	29.36 -2.55 0.33	26.39 -2.45 0.64	22.67 -2.27 1.49	17.86 -2.04 3.27	20.11 -1.92 0.06	25.24 -2.23 0.37	31.59 -2.20 0.04	46.47 -2.55 -0.10	49.87 -2.05 2.01	46.41 -1.82 1.00	38.54 -1.70 0.26	35.11 -1.35 0.00	31.80 -0.98 0.00
NEG CENTRAL___SENECA 23627	36.51 -1.32 0.00	33.80 -1.26 0.00	33.14 -1.27 0.00	29.10 -0.87 0.00	29.49 -0.94 0.00	32.56 -0.97 0.00	35.63 -0.91 0.00	35.99 -0.96 0.00	35.26 -1.24 0.00	34.30 -1.54 0.03	30.63 -1.45 0.15	27.76 -1.41 0.29	24.40 -1.35 0.68	19.68 -1.23 2.27	20.97 -1.08 0.03	26.28 -1.31 0.25	32.48 -1.32 0.03	46.28 -1.66 0.98	51.23 -1.78 0.92	47.25 -1.53 0.46	39.08 -1.30 0.12	35.37 -1.09 0.00	31.87 -0.92 0.00
NEG CENTRAL___STATE_STREET 24147	37.07 -0.76 0.00	34.36 -0.70 0.00	33.65 -0.76 0.00	29.46 -0.51 0.00	29.89 -0.55 0.00	32.96 -0.57 0.00	36.04 -0.51 0.00	36.44 -0.52 0.00	35.88 -0.62 0.00	35.07 -0.79 0.01	31.43 -0.74 0.06	28.62 -0.74 0.11	25.45 -0.71 0.27	21.64 -0.65 0.88	21.50 -0.57 0.01	27.07 -0.67 0.10	33.21 -0.61 0.01	47.70 -0.73 0.48	52.98 -0.59 0.36	48.56 -0.49 0.18	40.01 -0.45 0.05	36.09 -0.36 0.00	32.46 -0.33 0.00
NEG MILLWOOD___DRP 24198	40.44 2.61 0.00	37.31 2.24 0.00	36.27 1.86 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.67 2.15 0.00	38.96 2.41 0.00	39.47 2.51 0.00	39.13 2.63 0.00	38.64 2.76 0.00	34.62 2.39 0.00	31.56 2.09 0.00	28.39 1.96 0.00	25.01 1.83 0.00	23.83 1.74 0.00	29.95 2.12 0.00	36.43 2.60 0.00	52.54 3.62 0.00	57.60 3.67 0.00	52.53 3.30 0.00	43.17 2.67 0.00	38.68 2.22 0.00	34.66 1.87 0.00
NEG NORTH_FLCN_SEA 23793	37.41 -0.42 0.00	34.82 -0.25 0.00	34.75 0.34 0.00	29.73 -0.24 0.00	30.16 -0.27 0.00	33.23 -0.30 0.00	36.04 -0.51 0.00	36.36 -0.59 0.00	35.95 -0.55 0.00	35.55 -0.32 0.00	32.01 -0.23 0.00	29.29 -0.18 0.00	26.33 -0.11 0.00	23.06 -0.12 0.00	21.95 -0.13 0.00	27.59 -0.25 0.00	33.29 -0.54 0.00	48.28 -0.64 0.00	53.17 -0.75 0.00	48.50 -0.74 0.00	39.77 -0.73 0.00	35.77 -0.69 0.00	32.16 -0.62 0.00
NEG NORTH_KES_CHATEGAY 23792	37.11 -0.72 0.00	34.50 -0.56 0.00	34.51 0.10 0.00	29.46 -0.51 0.00	29.92 -0.52 0.00	32.92 -0.60 0.00	35.74 -0.80 0.00	36.03 -0.92 0.00	35.62 -0.88 0.00	35.19 -0.68 0.00	31.65 -0.58 0.00	28.97 -0.50 0.00	26.04 -0.40 0.00	22.83 -0.35 0.00	21.71 -0.38 0.00	27.31 -0.53 0.00	32.98 -0.85 0.00	47.84 -1.08 0.00	52.69 -1.24 0.00	48.05 -1.18 0.00	39.45 -1.05 0.00	35.47 -0.98 0.00	31.93 -0.85 0.00
NEG NORTH___ALICE_FALLS 23915	37.49 -0.34 0.00	34.89 -0.18 0.00	34.79 0.38 0.00	29.76 -0.21 0.00	30.22 -0.21 0.00	33.29 -0.23 0.00	36.15 -0.40 0.00	36.44 -0.52 0.00	36.06 -0.44 0.00	35.62 -0.25 0.00	32.04 -0.19 0.00	29.32 -0.15 0.00	26.35 -0.08 0.00	23.11 -0.07 0.00	22.00 -0.09 0.00	27.64 -0.19 0.00	33.35 -0.47 0.00	48.43 -0.49 0.00	53.39 -0.54 0.00	48.65 -0.59 0.00	39.93 -0.57 0.00	35.84 -0.62 0.00	32.26 -0.52 0.00
NEG NORTH___LWR_SARANAC 23913	37.49 -0.34 0.00	34.89 -0.18 0.00	34.79 0.38 0.00	29.76 -0.21 0.00	30.22 -0.21 0.00	33.29 -0.23 0.00	36.15 -0.40 0.00	36.44 -0.52 0.00	36.06 -0.44 0.00	35.62 -0.25 0.00	32.04 -0.19 0.00	29.32 -0.15 0.00	26.35 -0.08 0.00	23.11 -0.07 0.00	22.00 -0.09 0.00	27.64 -0.19 0.00	33.35 -0.47 0.00	48.43 -0.49 0.00	53.39 -0.54 0.00	48.65 -0.59 0.00	39.93 -0.57 0.00	35.84 -0.62 0.00	32.26 -0.52 0.00
NEG NORTH___PLATTSBURG 23628	37.49 -0.34 0.00	34.89 -0.17 0.00	34.79 0.38 0.00	29.76 -0.21 0.00	30.23 -0.21 0.00	33.29 -0.23 0.00	36.15 -0.40 0.00	36.44 -0.52 0.00	36.06 -0.44 0.00	35.63 -0.25 0.00	32.04 -0.19 0.00	29.32 -0.15 0.00	26.30 -0.13 0.00	23.11 -0.07 0.00	22.00 -0.09 0.00	27.56 -0.28 0.00	33.35 -0.47 0.00	48.43 -0.49 0.00	53.39 -0.54 0.00	48.65 -0.59 0.00	39.93 -0.57 0.00	35.84 -0.62 0.00	32.23 -0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	32.95 -4.88 0.00	30.51 -4.56 0.00	30.00 -4.40 0.00	26.58 -3.39 0.00	26.82 -3.62 0.00	29.44 -4.09 0.00	32.05 -4.50 0.00	32.52 -4.43 0.00	31.61 -4.89 0.00	30.37 -5.31 0.20	26.40 -4.71 1.13	22.96 -4.30 2.21	17.36 -3.86 5.21	17.63 -3.41 2.14	18.70 -3.22 0.16	23.34 -4.15 0.35	28.79 -5.01 0.03	37.14 -7.29 4.49	39.15 -7.71 7.07	38.70 -7.04 3.50	33.74 -5.87 0.89	31.39 -5.07 0.00	28.85 -3.93 0.00
NEG WEST___LANCASTER 23811	34.01 -3.82 0.00	31.49 -3.58 0.00	31.00 -3.41 0.00	27.36 -2.61 0.00	27.67 -2.77 0.00	30.54 -2.98 0.00	33.37 -3.18 0.00	33.85 -3.10 0.00	32.92 -3.58 0.00	32.10 -3.62 0.15	27.97 -3.42 0.85	24.59 -3.21 1.66	20.00 -2.51 3.93	18.58 -2.11 2.49	19.75 -2.21 0.12	25.04 -2.45 0.35	30.55 -3.25 0.03	39.87 -4.65 4.40	43.70 -4.91 5.32	41.68 -4.92 2.64	36.10 -3.73 0.67	32.59 -3.86 0.00	29.74 -3.05 0.00
NEG_PENN_ALLEGHNY 23528	37.34 -0.49 0.00	34.57 -0.49 0.00	33.89 -0.52 0.00	29.67 -0.30 0.00	30.10 -0.33 0.00	33.16 -0.37 0.00	36.25 -0.29 0.00	36.70 -0.26 0.00	36.10 -0.40 0.00	35.36 -0.54 -0.03	31.84 -0.48 -0.09	29.12 -0.50 -0.15	26.35 -0.42 -0.34	25.88 -0.42 -3.12	21.73 -0.38 -0.02	27.75 -0.42 -0.33	33.46 -0.40 -0.04	50.33 -0.49 -1.90	53.96 -0.43 -0.46	49.03 -0.44 -0.24	40.16 -0.40 -0.07	36.06 -0.40 0.00	32.49 -0.30 0.00
NEG___GEN_MONROE 24207	35.37 -2.46 0.00	32.79 -2.28 0.00	32.21 -2.20 0.00	28.32 -1.65 0.00	28.73 -1.70 0.00	31.62 -1.91 0.00	34.50 -2.05 0.00	34.78 -2.18 0.00	33.98 -2.52 0.00	32.58 -2.98 0.32	27.61 -2.71 1.92	23.15 -2.53 3.78	15.13 -2.35 8.95	19.62 -2.11 1.44	19.98 -1.86 0.25	25.05 -2.42 0.36	31.14 -2.67 0.02	43.95 -3.82 1.16	50.89 -3.72 -0.68	46.17 -3.40 -0.33	37.66 -2.92 -0.08	34.16 -2.30 0.00	30.98 -1.80 0.00

NEPA__ENERGY 23901	33.71 -4.12 0.00	31.21 -3.86 0.00	30.86 -3.54 0.00	27.15 -2.82 0.00	27.45 -2.98 0.00	30.31 -3.22 0.00	33.22 -3.33 0.00	33.67 -3.29 0.00	32.78 -3.72 0.00	31.57 -4.16 0.15	27.65 -3.74 0.84	24.34 -3.48 1.65	19.53 -3.01 3.89	18.01 -2.62 2.55	19.47 -2.50 0.12	24.36 -3.12 0.36	30.00 -3.79 0.03	38.78 -5.58 4.57	42.78 -5.88 5.27	41.06 -5.56 2.61	35.22 -4.62 0.66	32.34 -4.12 0.00	29.47 -3.31 0.00
NEVERSINK__HYD 23608	40.02 2.19 0.00	36.99 1.93 0.00	35.99 1.58 0.00	31.49 1.53 0.00	32.08 1.64 0.00	35.37 1.84 0.00	38.56 2.01 0.00	39.02 2.07 0.00	38.58 2.08 0.00	38.03 2.15 0.00	34.10 1.87 0.00	31.09 1.62 0.00	27.94 1.51 0.00	24.54 1.37 0.00	23.43 1.35 0.00	29.51 1.67 0.00	35.96 2.13 0.00	52.05 3.13 0.00	57.27 3.34 0.00	52.24 3.00 0.00	42.93 2.43 0.00	38.39 1.93 0.00	34.42 1.64 0.00
NEWKRMKL_115KV_TB1 55635	39.57 1.74 0.00	36.64 1.58 0.00	35.79 1.38 0.00	31.25 1.29 0.00	31.81 1.37 0.00	35.07 1.54 0.00	38.16 1.61 0.00	38.58 1.63 0.00	38.18 1.68 0.00	37.60 1.72 0.00	33.75 1.52 0.00	30.85 1.38 0.00	27.65 1.22 0.00	24.24 1.07 0.00	23.08 0.99 0.00	29.09 1.25 0.00	35.42 1.59 0.00	51.17 2.25 0.00	56.30 2.37 0.00	51.30 2.07 0.00	42.20 1.70 0.00	37.92 1.46 0.00	34.03 1.25 0.00
NEWTON__FALLS_HYD 23847	37.87 0.04 0.00	35.10 0.04 0.00	34.58 0.17 0.00	29.97 0.00 0.00	29.92 -0.52 0.00	33.02 -0.50 0.00	35.93 -0.62 0.00	36.22 -0.74 0.00	35.77 -0.73 0.00	35.12 -0.75 0.00	31.49 -0.74 0.00	28.70 -0.77 0.00	25.67 -0.77 0.00	22.46 -0.72 0.00	21.47 -0.62 0.00	27.03 -0.81 0.00	32.81 -1.01 0.00	47.84 -1.08 0.00	53.07 -0.86 0.00	48.35 -0.89 0.00	39.85 -0.65 0.00	35.88 -0.58 0.00	32.23 -0.56 0.00
NGRID_A1_DSASP 323792	32.87 -4.96 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.52 -3.45 0.00	26.75 -3.68 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.69 -6.03 0.16	26.29 -5.00 0.95	23.06 -4.54 1.87	17.91 -4.10 4.42	17.38 -3.59 2.20	18.55 -3.40 0.13	22.91 -4.59 0.33	28.45 -5.34 0.03	36.67 -7.73 4.52	39.63 -8.30 6.00	38.64 -7.63 2.97	33.27 -6.48 0.75	31.10 -5.36 0.00	28.33 -4.46 0.00
NGRID_A2_DSASP 323793	32.87 -4.96 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.52 -3.45 0.00	26.75 -3.68 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.69 -6.03 0.16	26.29 -5.00 0.95	23.06 -4.54 1.87	17.91 -4.10 4.42	17.38 -3.59 2.20	18.55 -3.40 0.13	22.91 -4.59 0.33	28.45 -5.34 0.03	36.67 -7.73 4.52	39.63 -8.30 6.00	38.64 -7.63 2.97	33.27 -6.48 0.75	31.10 -5.36 0.00	28.33 -4.46 0.00
NGRID_A4_DSASP 323807	32.87 -4.96 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.52 -3.45 0.00	26.75 -3.68 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.69 -6.03 0.16	26.29 -5.00 0.95	23.06 -4.54 1.87	17.91 -4.10 4.42	17.38 -3.59 2.20	18.55 -3.40 0.13	22.91 -4.59 0.33	28.45 -5.34 0.03	36.67 -7.73 4.52	39.63 -8.30 6.00	38.64 -7.63 2.97	33.27 -6.48 0.75	31.10 -5.36 0.00	28.33 -4.46 0.00
NIAGARA_115E_LBMP 323715	32.61 -5.22 0.00	30.12 -4.94 0.00	29.66 -4.75 0.00	26.31 -3.66 0.00	26.63 -3.81 0.00	28.83 -4.69 0.00	31.40 -5.15 0.00	31.86 -5.10 0.00	30.99 -5.51 0.00	30.11 -5.60 0.17	26.33 -4.96 0.94	23.18 -4.45 1.84	18.12 -3.99 4.32	17.43 -3.57 2.18	18.38 -3.56 0.14	22.99 -4.51 0.34	28.22 -5.58 0.03	36.60 -7.83 4.49	39.66 -8.41 5.86	38.65 -7.68 2.91	33.52 -6.24 0.75	30.74 -5.72 0.00	28.56 -4.23 0.00
NIAGARA_115W_LBMP 323714	33.10 -4.73 0.00	30.54 -4.52 0.00	30.11 -4.30 0.00	26.64 -3.33 0.00	26.97 -3.47 0.00	29.47 -4.06 0.00	31.65 -4.90 0.00	32.15 -4.80 0.00	31.25 -5.26 0.00	29.80 -5.92 0.16	26.32 -4.96 0.95	23.09 -4.51 1.86	17.98 -4.04 4.41	17.39 -3.59 2.20	18.25 -3.71 0.13	23.19 -4.31 0.33	28.45 -5.34 0.03	36.77 -7.63 4.52	39.70 -8.25 5.98	38.70 -7.58 2.96	33.03 -6.72 0.75	31.10 -5.36 0.00	28.43 -4.36 0.00
NIAGARA_230_LBMP 323716	33.14 -4.69 0.00	30.61 -4.45 0.00	30.14 -4.27 0.00	26.67 -3.30 0.00	27.00 -3.44 0.00	29.47 -4.06 0.00	32.09 -4.46 0.00	32.56 -4.40 0.00	31.68 -4.82 0.00	30.30 -5.42 0.15	26.44 -4.87 0.92	23.26 -4.39 1.82	18.19 -3.94 4.30	17.51 -3.50 2.16	18.56 -3.40 0.12	23.29 -4.23 0.32	28.86 -4.94 0.03	36.96 -7.48 4.47	40.00 -8.09 5.84	38.96 -7.39 2.89	33.66 -6.12 0.73	31.43 -5.03 0.00	28.82 -3.97 0.00
NIAGARA__115KV_198_GIBSON 55903	32.84 -4.99 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.49 -3.48 0.00	26.75 -3.68 0.00	29.44 -4.09 0.00	31.65 -4.90 0.00	32.15 -4.80 0.00	31.24 -5.26 0.00	29.65 -6.06 0.16	26.29 -5.00 0.95	23.06 -4.54 1.86	17.93 -4.10 4.41	17.39 -3.59 2.20	18.51 -3.45 0.13	22.89 -4.62 0.33	28.42 -5.38 0.03	36.67 -7.73 4.52	39.64 -8.30 5.98	38.65 -7.63 2.96	33.23 -6.52 0.75	31.06 -5.40 0.00	28.29 -4.49 0.00
NIAGARA__ 23760	33.14 -4.69 0.00	30.61 -4.45 0.00	30.14 -4.27 0.00	26.67 -3.30 0.00	27.00 -3.44 0.00	29.47 -4.06 0.00	32.09 -4.46 0.00	32.56 -4.40 0.00	31.68 -4.82 0.00	30.30 -5.42 0.16	26.44 -4.87 0.93	23.26 -4.39 1.82	18.19 -3.94 4.30	17.51 -3.50 2.16	18.55 -3.40 0.14	23.28 -4.23 0.33	28.86 -4.94 0.03	36.96 -7.48 4.47	40.00 -8.09 5.84	38.96 -7.39 2.89	33.65 -6.12 0.73	31.43 -5.03 0.00	28.82 -3.97 0.00
NINE_MILE_1 23575	36.28 -1.55 0.00	33.63 -1.44 0.00	32.96 -1.44 0.00	28.80 -1.17 0.00	29.25 -1.19 0.00	32.15 -1.38 0.00	35.08 -1.46 0.00	35.51 -1.44 0.00	35.00 -1.50 0.00	34.33 -1.54 0.00	30.85 -1.39 0.00	28.20 -1.27 0.00	25.30 -1.14 0.00	22.16 -1.02 0.00	21.14 -0.95 0.00	26.67 -1.17 0.00	32.44 -1.39 0.00	46.91 -2.01 0.00	51.88 -2.05 0.00	47.47 -1.77 0.00	39.08 -1.42 0.00	35.26 -1.20 0.00	31.77 -1.02 0.00
NINE_MILE_2 23744	36.28 -1.55 0.00	33.63 -1.44 0.00	32.96 -1.44 0.00	28.80 -1.17 0.00	29.25 -1.19 0.00	32.19 -1.34 0.00	35.08 -1.46 0.00	35.51 -1.44 0.00	35.00 -1.50 0.00	34.33 -1.54 0.00	30.85 -1.39 0.00	28.20 -1.27 0.00	25.30 -1.14 0.00	22.16 -1.02 0.00	21.14 -0.95 0.00	26.67 -1.17 0.00	32.44 -1.39 0.00	46.96 -1.96 0.00	51.88 -2.05 0.00	47.47 -1.77 0.00	39.08 -1.42 0.00	35.26 -1.20 0.00	31.77 -1.02 0.00
NM_CAPITAL__DRP 24208	39.49 1.66 0.00	36.57 1.51 0.00	35.75 1.34 0.00	31.19 1.23 0.00	31.75 1.31 0.00	35.00 1.48 0.00	38.08 1.53 0.00	38.51 1.55 0.00	38.11 1.61 0.00	37.53 1.65 0.00	33.69 1.45 0.00	30.79 1.33 0.00	27.62 1.19 0.00	24.22 1.04 0.00	23.06 0.97 0.00	29.06 1.22 0.00	35.38 1.56 0.00	51.07 2.15 0.00	56.14 2.21 0.00	51.16 1.92 0.00	42.12 1.62 0.00	37.84 1.39 0.00	33.97 1.18 0.00

NM_CENTRAL___DRP 24181	36.88 -0.95 0.00	34.19 -0.88 0.00	33.48 -0.93 0.00	29.28 -0.69 0.00	29.71 -0.73 0.00	32.72 -0.80 0.00	35.74 -0.80 0.00	36.18 -0.78 0.00	35.62 -0.88 0.00	34.94 -0.93 0.00	31.36 -0.87 0.00	28.67 -0.80 0.00	25.69 -0.74 0.00	22.50 -0.67 0.00	21.49 -0.60 0.00	27.09 -0.75 0.00	33.01 -0.81 0.00	47.79 -1.13 0.00	52.85 -1.08 0.00	48.30 -0.94 0.00	39.73 -0.77 0.00	35.84 -0.62 0.00	32.26 -0.52 0.00
NM_FRONTIER___DRP 24179	32.84 -4.99 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.49 -3.48 0.00	26.75 -3.68 0.00	29.44 -4.09 0.00	31.65 -4.90 0.00	32.15 -4.80 0.00	31.24 -5.26 0.00	29.65 -6.06 0.16	26.29 -5.00 0.95	23.06 -4.54 1.86	17.93 -4.10 4.41	17.39 -3.59 2.20	18.51 -3.45 0.13	22.89 -4.62 0.33	28.42 -5.38 0.03	36.67 -7.73 4.52	39.64 -8.30 5.98	38.65 -7.63 2.96	33.23 -6.52 0.75	31.06 -5.40 0.00	28.29 -4.49 0.00
NM_ST_REGIS___HYD 24053	37.79 -0.04 0.00	35.10 0.04 0.00	34.75 0.34 0.00	29.94 -0.03 0.00	30.28 -0.15 0.00	33.39 -0.13 0.00	36.29 -0.26 0.00	36.59 -0.37 0.00	36.17 -0.33 0.00	35.62 -0.25 0.00	31.98 -0.26 0.00	29.17 -0.29 0.00	26.17 -0.26 0.00	22.92 -0.25 0.00	21.86 -0.22 0.00	27.50 -0.33 0.00	33.15 -0.68 0.00	48.04 -0.88 0.00	53.12 -0.81 0.00	48.45 -0.79 0.00	39.97 -0.53 0.00	36.02 -0.44 0.00	32.39 -0.39 0.00
NORTHPORT___1 23551	40.89 3.06 0.00	37.48 2.42 0.00	36.23 1.82 0.00	31.91 1.95 0.00	32.45 2.01 0.00	35.71 2.18 0.00	38.96 2.41 0.00	39.58 2.62 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.15 2.68 0.00	28.97 2.54 0.00	25.45 2.27 0.00	24.29 2.21 0.00	30.63 2.78 -0.01	37.22 3.38 -0.01	52.83 3.91 0.00	57.76 3.83 0.00	52.83 3.59 0.00	43.94 3.44 0.00	39.19 2.74 0.00	35.21 2.43 0.00
NORTHPORT___2 23552	40.89 3.06 0.00	37.48 2.42 0.00	36.23 1.82 0.00	31.91 1.95 0.00	32.45 2.01 0.00	35.71 2.18 0.00	38.96 2.41 0.00	39.58 2.62 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.15 2.68 0.00	28.97 2.54 0.00	25.45 2.27 0.00	24.29 2.21 0.00	30.63 2.78 -0.01	37.22 3.38 -0.01	52.83 3.91 0.00	57.76 3.83 0.00	52.83 3.59 0.00	43.94 3.44 0.00	39.19 2.74 0.00	35.21 2.43 0.00
NORTHPORT___3 23553	40.89 3.06 0.00	37.45 2.39 0.00	36.23 1.82 0.00	31.91 1.95 0.00	32.45 2.01 0.00	35.71 2.18 0.00	38.96 2.41 0.00	39.58 2.62 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.15 2.68 0.00	28.97 2.54 0.00	25.45 2.27 0.00	24.29 2.21 0.00	30.60 2.76 -0.01	37.22 3.38 -0.01	52.88 3.96 0.00	57.76 3.83 0.00	52.88 3.64 0.00	43.94 3.44 0.00	39.19 2.74 0.00	35.21 2.43 0.00
NORTHPORT___4 23650	40.89 3.06 0.00	37.45 2.39 0.00	36.23 1.82 0.00	31.91 1.95 0.00	32.45 2.01 0.00	35.71 2.18 0.00	38.96 2.41 0.00	39.58 2.62 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.15 2.68 0.00	28.97 2.54 0.00	25.45 2.27 0.00	24.29 2.21 0.00	30.60 2.76 -0.01	37.22 3.38 -0.01	52.88 3.96 0.00	57.76 3.83 0.00	52.88 3.64 0.00	43.94 3.44 0.00	39.19 2.74 0.00	35.21 2.43 0.00
NORTHPORT___IC 23718	40.93 3.10 0.00	37.52 2.45 0.00	36.30 1.89 0.00	31.94 1.98 0.00	32.57 2.13 0.00	35.71 2.18 0.00	38.96 2.41 0.00	39.58 2.62 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.27 3.03 0.00	32.24 2.77 0.00	29.02 2.59 0.00	25.49 2.32 0.00	24.29 2.21 0.00	30.62 2.78 0.00	37.24 3.42 0.00	52.88 3.96 0.00	57.70 3.77 0.00	52.88 3.64 0.00	44.06 3.56 0.00	39.19 2.73 0.00	35.21 2.43 0.00
NORTH___COUNTRY_ESR 323785	37.03 -0.80 0.00	34.44 -0.63 0.00	34.44 0.03 0.00	29.40 -0.57 0.00	29.86 -0.58 0.00	32.86 -0.67 0.00	35.67 -0.88 0.00	35.99 -0.96 0.00	35.62 -0.88 0.00	35.16 -0.72 0.00	31.66 -0.58 0.00	28.97 -0.50 0.00	26.01 -0.42 0.00	22.83 -0.35 0.00	21.73 -0.35 0.00	27.25 -0.59 0.00	32.95 -0.88 0.00	47.74 -1.17 0.00	52.53 -1.40 0.00	47.96 -1.28 0.00	39.37 -1.13 0.00	35.40 -1.06 0.00	31.87 -0.92 0.00
NPX_GEN_1385_PROXY 323591	40.89 3.06 0.00	37.48 2.42 0.00	36.23 1.82 0.00	31.91 1.95 0.00	32.45 2.01 0.00	35.71 2.18 0.00	38.96 2.41 0.00	39.58 2.62 0.00	39.42 2.92 0.00	39.21 3.34 0.00	35.23 3.00 0.00	32.15 2.68 0.00	28.97 2.54 0.00	25.45 2.27 0.00	24.29 2.21 0.00	30.63 2.78 -0.01	37.22 3.38 -0.01	52.83 3.91 0.00	57.76 3.83 0.00	52.83 3.59 0.00	43.94 3.44 0.00	39.19 2.74 0.00	35.21 2.43 0.00
NPX_GEN_CSC 323557	41.24 3.41 0.00	37.70 2.63 0.00	36.40 1.99 0.00	32.15 2.19 0.00	32.63 2.19 0.00	35.74 2.21 0.00	38.81 2.27 0.00	39.47 2.51 0.00	39.53 3.03 0.00	39.50 3.62 0.00	35.49 3.25 0.00	32.36 2.89 0.00	29.16 2.72 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.85 3.01 -0.01	37.66 3.82 -0.01	53.52 4.60 0.00	58.24 4.32 0.00	53.52 4.28 0.00	44.43 3.93 0.00	39.56 3.10 0.00	35.54 2.75 0.00
NSINS_S___GLNS_FALLS 23858	39.57 1.74 0.00	36.61 1.54 0.00	35.82 1.41 0.00	31.28 1.32 0.00	31.93 1.49 0.00	35.27 1.74 0.00	38.45 1.90 0.00	38.80 1.85 0.00	38.51 2.01 0.00	37.74 1.87 0.00	33.81 1.58 0.00	30.79 1.33 0.00	27.44 1.00 0.00	23.99 0.81 0.00	22.86 0.77 0.00	28.92 1.09 0.00	35.38 1.56 0.00	51.41 2.49 0.00	56.89 2.97 0.00	51.70 2.46 0.00	42.36 1.86 0.00	37.99 1.53 0.00	34.10 1.31 0.00
NUCOR_STEEL___DRP 24197	37.26 -0.57 0.00	34.54 -0.53 0.00	33.82 -0.58 0.00	29.61 -0.36 0.00	30.04 -0.40 0.00	33.09 -0.44 0.00	36.18 -0.37 0.00	36.59 -0.37 0.00	35.99 -0.51 0.00	35.18 -0.68 0.01	31.54 -0.64 0.05	28.75 -0.62 0.09	25.61 -0.61 0.22	21.88 -0.58 0.72	21.59 -0.49 0.01	27.17 -0.58 0.08	33.28 -0.54 0.01	47.89 -0.64 0.39	53.15 -0.49 0.29	48.70 -0.39 0.15	40.10 -0.36 0.04	36.20 -0.26 0.00	32.59 -0.20 0.00
NUMBER_THREE_WT_PWR 323818	38.17 0.34 0.00	35.31 0.25 0.00	34.72 0.31 0.00	30.18 0.21 0.00	29.59 -0.85 0.00	32.66 -0.87 0.00	35.63 -0.91 0.00	35.96 -1.00 0.00	35.44 -1.06 0.00	34.80 -1.08 0.00	31.20 -1.03 0.00	28.38 -1.09 0.00	25.35 -1.08 0.00	22.16 -1.02 0.00	21.25 -0.84 0.00	26.72 -1.11 0.00	32.71 -1.12 0.00	47.84 -1.08 0.00	53.12 -0.81 0.00	48.35 -0.88 0.00	39.69 -0.81 0.00	35.69 -0.77 0.00	32.06 -0.72 0.00
NYISO_LBMP_REFERENCE 24008	37.83 0.00 0.00	35.07 0.00 0.00	34.41 0.00 0.00	29.97 0.00 0.00	30.44 0.00 0.00	33.53 0.00 0.00	36.55 0.00 0.00	36.96 0.00 0.00	36.50 0.00 0.00	35.88 0.00 0.00	32.24 0.00 0.00	29.47 0.00 0.00	26.43 0.00 0.00	23.18 0.00 0.00	22.08 0.00 0.00	27.84 0.00 0.00	33.83 0.00 0.00	48.92 0.00 0.00	53.93 0.00 0.00	49.24 0.00 0.00	40.50 0.00 0.00	36.46 0.00 0.00	32.79 0.00 0.00

NYPA_BRENTWD____GT 24164	41.27 3.44 0.00	37.77 2.70 0.00	36.54 2.13 0.00	32.18 2.22 0.00	32.72 2.28 0.00	35.97 2.45 0.00	39.25 2.70 0.00	39.87 2.92 0.00	39.75 3.25 0.00	39.54 3.66 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.66 2.48 0.00	24.49 2.41 0.00	30.88 3.03 -0.01	37.59 3.75 -0.01	53.47 4.55 0.00	58.40 4.47 0.00	53.47 4.23 0.00	44.39 3.89 0.00	39.56 3.10 0.00	35.54 2.75 0.00
NYPA_GOWANUS____GT5 24156	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NYPA_GOWANUS____GT6 24157	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.54 3.62 0.00	57.70 3.77 0.00	52.68 3.45 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NYPA_HARLEM__RVR__GT1 24160	40.56 2.73 0.00	37.31 2.25 0.00	36.09 1.69 0.00	31.73 1.77 0.00	32.14 1.70 0.00	35.46 1.94 0.01	38.81 2.27 0.01	39.42 2.48 0.01	39.05 2.55 0.01	38.59 2.73 0.01	34.61 2.39 0.01	31.64 2.18 0.01	28.49 2.06 0.01	25.09 1.92 0.01	23.95 1.88 0.01	30.06 2.23 0.01	36.46 2.64 0.01	52.28 3.37 0.01	57.37 3.45 0.01	52.38 3.15 0.01	43.16 2.67 0.01	38.60 2.15 0.01	34.59 1.80 0.00
NYPA_HARLEM__RVR__GT2 24161	40.56 2.73 0.00	37.31 2.25 0.00	36.09 1.69 0.00	31.73 1.77 0.00	32.14 1.70 0.00	35.46 1.94 0.01	38.81 2.27 0.01	39.42 2.48 0.01	39.05 2.55 0.01	38.59 2.73 0.01	34.61 2.39 0.01	31.64 2.18 0.01	28.49 2.06 0.01	25.09 1.92 0.01	23.95 1.88 0.01	30.06 2.23 0.01	36.46 2.64 0.01	52.28 3.37 0.01	57.37 3.45 0.01	52.38 3.15 0.01	43.16 2.67 0.01	38.60 2.15 0.01	34.59 1.80 0.00
NYPA_KENT____GT 24152	40.56 2.73 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.16 2.66 0.00	38.75 2.87 0.00	34.72 2.48 0.00	31.74 2.27 0.00	28.57 2.14 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.54 3.62 0.00	57.65 3.72 0.00	52.63 3.39 0.00	43.42 2.92 0.00	38.86 2.41 0.00	34.82 2.03 0.00
NYPA_POUCH1____GT 24155	40.48 2.65 0.00	37.34 2.28 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.23 1.80 0.00	35.54 2.01 0.00	38.89 2.34 0.00	39.43 2.48 0.00	39.02 2.52 0.00	38.60 2.73 0.00	34.59 2.35 0.00	31.62 2.15 0.00	28.47 2.04 0.00	25.05 1.88 0.00	23.94 1.86 0.00	30.04 2.20 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.60 3.67 0.00	52.59 3.35 0.00	43.33 2.83 0.00	38.79 2.34 0.00	34.75 1.97 0.00
NYPA_VERNON____GT2 24162	40.59 2.76 0.00	37.41 2.35 0.00	36.27 1.86 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.68 2.15 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.20 2.70 0.00	38.75 2.87 0.00	34.75 2.52 0.00	31.74 2.27 0.00	28.57 2.14 0.00	25.17 1.99 0.00	24.03 1.94 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.49 3.57 0.00	57.65 3.72 0.00	52.63 3.39 0.00	43.42 2.92 0.00	38.83 2.37 0.00	34.82 2.03 0.00
NYPA_VERNON____GT3 24163	40.59 2.76 0.00	37.41 2.35 0.00	36.27 1.86 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.68 2.15 0.00	39.03 2.49 0.00	39.62 2.66 0.00	39.20 2.70 0.00	38.75 2.87 0.00	34.75 2.52 0.00	31.74 2.27 0.00	28.57 2.14 0.00	25.17 1.99 0.00	24.03 1.94 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.49 3.57 0.00	57.65 3.72 0.00	52.63 3.39 0.00	43.42 2.92 0.00	38.83 2.37 0.00	34.82 2.03 0.00
NYPA__ASTORIA_CC1 323568	40.59 2.76 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.16 2.66 0.00	38.75 2.87 0.00	34.75 2.52 0.00	31.74 2.27 0.00	28.57 2.14 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.59 3.35 0.00	43.38 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
NYPA__ASTORIA_CC2 323569	40.59 2.76 0.00	37.41 2.35 0.00	36.23 1.82 0.00	31.79 1.83 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.16 2.66 0.00	38.75 2.87 0.00	34.75 2.52 0.00	31.74 2.27 0.00	28.57 2.14 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.59 3.35 0.00	43.38 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
NYPA__HOLTSVILL 23794	41.12 3.29 0.00	37.62 2.56 0.00	36.37 1.96 0.00	32.06 2.10 0.00	32.57 2.13 0.00	35.77 2.25 0.00	39.00 2.45 0.00	39.62 2.66 0.00	39.53 3.03 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.27 2.80 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.74 2.89 -0.01	37.46 3.62 -0.01	53.27 4.35 0.00	58.14 4.21 0.00	53.27 4.04 0.00	44.22 3.72 0.00	39.38 2.92 0.00	35.41 2.62 0.00
NYPA__HELLGATE_GT1 24158	40.56 2.73 0.00	37.31 2.25 0.00	36.09 1.69 0.00	31.73 1.77 0.00	32.14 1.70 0.00	35.46 1.94 0.01	38.81 2.27 0.01	39.42 2.48 0.01	39.05 2.55 0.01	38.59 2.73 0.01	34.61 2.39 0.01	31.64 2.18 0.01	28.49 2.06 0.01	25.09 1.92 0.01	23.95 1.88 0.01	30.06 2.23 0.01	36.46 2.64 0.01	52.28 3.37 0.01	57.37 3.45 0.01	52.38 3.15 0.01	43.16 2.67 0.01	38.60 2.15 0.01	34.59 1.80 0.00
NYPA__HELLGATE_GT2 24159	40.56 2.73 0.00	37.31 2.25 0.00	36.09 1.69 0.00	31.73 1.77 0.00	32.14 1.70 0.00	35.46 1.94 0.01	38.81 2.27 0.01	39.42 2.48 0.01	39.05 2.55 0.01	38.59 2.73 0.01	34.61 2.39 0.01	31.64 2.18 0.01	28.49 2.06 0.01	25.09 1.92 0.01	23.95 1.88 0.01	30.06 2.23 0.01	36.46 2.64 0.01	52.28 3.37 0.01	57.37 3.45 0.01	52.38 3.15 0.01	43.16 2.67 0.01	38.60 2.15 0.01	34.59 1.80 0.00
NYS_BARGE__HYD 23848	33.18 -4.65 0.00	30.61 -4.45 0.00	30.14 -4.27 0.00	26.70 -3.27 0.00	27.06 -3.38 0.00	29.40 -4.13 0.00	32.01 -4.53 0.00	32.48 -4.47 0.00	31.57 -4.93 0.00	30.47 -5.20 0.20	26.43 -4.64 1.16	22.98 -4.21 2.28	17.28 -3.78 5.37	17.72 -3.36 2.10	18.61 -3.31 0.16	23.31 -4.18 0.35	28.79 -5.01 0.03	37.39 -7.14 4.38	39.09 -7.55 7.29	38.69 -6.94 3.61	33.87 -5.71 0.92	31.39 -5.07 0.00	29.02 -3.77 0.00

OAK ORCHARD__HYD 24046	35.75 -2.08 0.00	33.03 -2.03 0.00	32.41 -2.00 0.00	28.50 -1.47 0.00	28.95 -1.49 0.00	31.78 -1.74 0.00	34.72 -1.83 0.00	35.11 -1.85 0.00	34.46 -2.04 0.00	33.49 -2.40 -0.02	30.14 -2.26 -0.17	27.68 -2.12 -0.34	25.23 -2.01 -0.81	19.96 -1.81 1.41	20.40 -1.70 -0.01	25.65 -2.06 0.13	31.64 -2.17 0.02	44.79 -3.13 1.00	51.90 -3.13 -1.10	46.92 -2.86 -0.54	38.12 -2.51 -0.13	34.53 -1.93 0.00	31.25 -1.54 0.00
OAKDALE__35_KV_LOAD 356122	37.22 -0.61 0.00	34.50 -0.56 0.00	33.82 -0.58 0.00	29.61 -0.36 0.00	30.01 -0.43 0.00	33.09 -0.44 0.00	36.18 -0.37 0.00	36.59 -0.37 0.00	35.99 -0.51 0.00	35.30 -0.61 -0.03	31.79 -0.55 -0.11	29.13 -0.53 -0.20	26.42 -0.45 -0.44	26.28 -0.42 -3.52	21.72 -0.40 -0.03	27.74 -0.47 -0.37	33.40 -0.47 -0.05	50.42 -0.64 -2.14	53.93 -0.59 -0.59	48.95 -0.59 -0.30	40.10 -0.49 -0.09	35.99 -0.47 0.00	32.39 -0.39 0.00
OCC_CHEM__DRP 24175	32.87 -4.96 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.52 -3.45 0.00	26.75 -3.68 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.69 -6.03 0.16	26.29 -5.00 0.95	23.06 -4.54 1.87	17.91 -4.10 4.42	17.38 -3.59 2.20	18.55 -3.40 0.13	22.91 -4.59 0.33	28.45 -5.34 0.03	36.67 -7.73 4.52	39.63 -8.30 6.00	38.64 -7.63 2.97	33.27 -6.48 0.75	31.10 -5.36 0.00	28.33 -4.46 0.00
OH_GEN_PROXY 24063	33.18 -4.65 0.00	30.65 -4.42 0.00	30.21 -4.20 0.00	26.70 -3.27 0.00	27.03 -3.41 0.00	29.00 -3.99 0.54	32.73 -4.35 -0.54	32.67 -4.29 0.00	31.79 -4.71 0.00	30.42 -5.31 0.15	26.60 -4.74 0.90	23.40 -4.30 1.76	18.40 -3.86 4.17	17.60 -3.43 2.15	18.65 -3.31 0.12	23.40 -4.12 0.32	29.00 -4.80 0.03	37.29 -7.29 4.34	40.39 -7.88 5.66	39.20 -7.24 2.80	33.80 -5.99 0.71	31.54 -4.92 0.00	28.88 -3.90 0.00
OLIN_CORP_DRP 24177	32.46 -5.37 0.00	30.09 -4.98 0.00	29.59 -4.82 0.00	26.22 -3.75 0.00	26.48 -3.96 0.00	28.90 -4.63 0.00	31.50 -5.04 0.00	31.97 -4.99 0.00	31.10 -5.40 0.00	30.11 -5.60 0.17	26.33 -4.96 0.94	23.16 -4.48 1.83	18.09 -4.04 4.30	17.40 -3.57 2.21	18.45 -3.49 0.14	23.10 -4.40 0.34	28.28 -5.51 0.03	36.53 -7.88 4.51	39.74 -8.36 5.83	38.71 -7.63 2.89	33.44 -6.32 0.74	30.84 -5.61 0.00	28.49 -4.29 0.00
OLIN_CORP_DSASP 323712	32.87 -4.96 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.52 -3.45 0.00	26.75 -3.68 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.69 -6.03 0.16	26.29 -5.00 0.95	23.06 -4.54 1.87	17.91 -4.10 4.42	17.38 -3.59 2.20	18.55 -3.40 0.13	22.91 -4.59 0.33	28.45 -5.34 0.03	36.67 -7.73 4.52	39.63 -8.30 6.00	38.64 -7.63 2.97	33.27 -6.48 0.75	31.10 -5.36 0.00	28.33 -4.46 0.00
ONEIDA_HERK_LFGE 323681	38.21 0.38 0.00	35.38 0.31 0.00	34.75 0.34 0.00	30.23 0.27 0.00	30.29 -0.15 0.00	33.43 -0.10 0.00	36.44 -0.11 0.00	36.85 -0.11 0.00	36.36 -0.15 0.00	35.70 -0.18 0.00	32.01 -0.22 0.00	29.20 -0.27 0.00	26.12 -0.32 0.00	22.83 -0.35 0.00	21.84 -0.24 0.00	27.50 -0.33 0.00	33.62 -0.20 0.00	48.97 0.05 0.00	54.20 0.27 0.00	49.38 0.15 0.00	40.54 0.04 0.00	36.46 0.00 0.00	32.75 -0.03 0.00
ONEIDA__115KV_TB4 55905	38.13 0.30 0.00	35.31 0.25 0.00	34.68 0.28 0.00	30.24 0.27 0.00	30.59 0.15 0.00	33.76 0.23 0.00	36.80 0.26 0.00	37.21 0.26 0.00	36.68 0.18 0.00	35.95 0.07 0.00	32.27 0.03 0.00	29.44 -0.03 0.00	26.35 -0.08 0.00	23.04 -0.14 0.00	22.02 -0.07 0.00	27.81 -0.03 0.00	33.96 0.14 0.00	49.41 0.49 0.00	54.74 0.81 0.00	49.88 0.64 0.00	40.94 0.45 0.00	36.86 0.40 0.00	33.11 0.33 0.00
ONONDAGA_REF_OCCRA 23987	37.04 -0.79 0.00	34.33 -0.74 0.00	33.62 -0.79 0.00	29.40 -0.57 0.00	29.86 -0.58 0.00	32.86 -0.67 0.00	35.93 -0.62 0.00	36.33 -0.63 0.00	35.81 -0.69 0.00	35.09 -0.79 0.00	31.49 -0.74 0.00	28.79 -0.68 0.00	25.80 -0.63 0.00	22.60 -0.58 0.00	21.55 -0.53 0.00	27.20 -0.64 0.00	33.15 -0.68 0.00	48.04 -0.88 0.00	53.12 -0.81 0.00	48.55 -0.69 0.00	39.93 -0.57 0.00	35.99 -0.47 0.00	32.39 -0.39 0.00
ONONDAGA__COGEN 23986	37.07 -0.76 0.00	34.36 -0.70 0.00	33.69 -0.72 0.00	29.43 -0.54 0.00	29.89 -0.55 0.00	32.92 -0.60 0.00	35.96 -0.58 0.00	36.36 -0.59 0.00	35.84 -0.66 0.00	35.11 -0.75 0.01	31.49 -0.71 0.03	28.76 -0.65 0.06	25.69 -0.61 0.14	22.14 -0.58 0.46	21.57 -0.51 0.01	27.17 -0.61 0.05	33.18 -0.64 0.01	47.84 -0.83 0.25	52.93 -0.81 0.19	48.50 -0.64 0.09	39.95 -0.53 0.02	36.06 -0.40 0.00	32.46 -0.33 0.00
ONTARIO__LFGE 23819	36.58 -1.25 0.00	33.84 -1.23 0.00	33.17 -1.24 0.00	29.13 -0.84 0.00	29.55 -0.88 0.00	32.55 -0.97 0.00	35.63 -0.91 0.00	35.99 -0.96 0.00	35.26 -1.24 0.00	34.30 -1.54 0.03	30.63 -1.45 0.15	27.76 -1.41 0.29	24.43 -1.32 0.68	19.68 -1.23 2.27	20.93 -1.13 0.03	26.28 -1.31 0.25	32.48 -1.32 0.03	46.28 -1.66 0.98	51.23 -1.78 0.92	47.25 -1.53 0.46	39.12 -1.26 0.12	35.40 -1.06 0.00	31.93 -0.85 0.00
ORANGEVILLE_WT_PWR 323706	33.86 -3.97 0.00	31.24 -3.82 0.00	30.76 -3.65 0.00	27.15 -2.82 0.00	27.24 -3.20 0.00	29.91 -3.62 0.00	32.67 -3.87 0.00	33.22 -3.73 0.00	32.34 -4.16 0.00	31.03 -4.70 0.14	27.13 -4.29 0.82	23.90 -3.98 1.59	19.16 -3.52 3.75	16.57 -3.15 3.46	18.92 -3.05 0.12	23.63 -3.76 0.44	29.32 -4.47 0.04	33.66 -6.31 8.95	42.15 -6.69 5.09	40.46 -6.25 2.52	34.79 -5.06 0.64	32.01 -4.45 0.00	29.31 -3.48 0.00
ORANGEVILLE__ESR 323794	33.86 -3.97 0.00	31.24 -3.82 0.00	30.76 -3.65 0.00	27.15 -2.82 0.00	27.24 -3.20 0.00	29.91 -3.62 0.00	32.67 -3.87 0.00	33.22 -3.73 0.00	32.34 -4.16 0.00	31.03 -4.70 0.14	27.13 -4.29 0.82	23.90 -3.98 1.59	19.16 -3.52 3.75	16.57 -3.15 3.46	18.92 -3.05 0.12	23.63 -3.76 0.44	29.32 -4.47 0.04	33.66 -6.31 8.95	42.15 -6.69 5.09	40.46 -6.25 2.52	34.79 -5.06 0.64	32.01 -4.45 0.00	29.31 -3.48 0.00
OSWEGATCHIE__HYD 24044	37.87 0.04 0.00	35.10 0.04 0.00	34.58 0.17 0.00	29.97 0.00 0.00	29.92 -0.52 0.00	33.03 -0.50 0.00	35.93 -0.62 0.00	36.22 -0.74 0.00	35.77 -0.73 0.00	35.12 -0.76 0.00	31.49 -0.74 0.00	28.70 -0.77 0.00	25.64 -0.79 0.00	22.46 -0.72 0.00	21.47 -0.62 0.00	26.97 -0.86 0.00	32.84 -0.98 0.00	47.84 -1.08 0.00	53.06 -0.86 0.00	48.35 -0.88 0.00	39.85 -0.65 0.00	35.87 -0.58 0.00	32.23 -0.56 0.00
OSWEGO__5 23606	36.54 -1.29 0.00	33.84 -1.23 0.00	33.20 -1.21 0.00	29.01 -0.96 0.00	29.43 -1.00 0.00	32.39 -1.14 0.00	35.34 -1.21 0.00	35.77 -1.18 0.00	35.26 -1.24 0.00	34.58 -1.29 0.00	31.08 -1.16 0.00	28.41 -1.06 0.00	25.45 -0.98 0.00	22.30 -0.88 0.00	21.27 -0.82 0.00	26.84 -1.00 0.00	32.64 -1.18 0.00	47.25 -1.66 0.00	52.26 -1.67 0.00	47.76 -1.48 0.00	39.32 -1.18 0.00	35.48 -0.98 0.00	31.97 -0.82 0.00

OSWEGO___6 23613	36.54 -1.29 0.00	33.84 -1.23 0.00	33.20 -1.21 0.00	29.01 -0.96 0.00	29.43 -1.00 0.00	32.39 -1.14 0.00	35.34 -1.21 0.00	35.77 -1.18 0.00	35.26 -1.24 0.00	34.58 -1.29 0.00	31.08 -1.16 0.00	28.41 -1.06 0.00	25.45 -0.98 0.00	22.30 -0.88 0.00	21.27 -0.82 0.00	26.84 -1.00 0.00	32.64 -1.18 0.00	47.25 -1.66 0.00	52.26 -1.67 0.00	47.76 -1.48 0.00	39.32 -1.18 0.00	35.48 -0.98 0.00	31.97 -0.82 0.00
OUTOKUMPU-AB___DRP 24206	33.18 -4.65 0.00	30.72 -4.35 0.00	30.21 -4.20 0.00	26.73 -3.24 0.00	27.00 -3.44 0.00	29.74 -3.79 0.00	32.23 -4.31 0.00	32.74 -4.21 0.00	31.83 -4.67 0.00	30.43 -5.27 0.17	26.66 -4.58 1.00	23.32 -4.18 1.96	18.08 -3.73 4.63	17.64 -3.29 2.25	18.85 -3.09 0.14	23.43 -4.06 0.34	28.99 -4.80 0.03	37.39 -6.95 4.58	40.26 -7.39 6.28	39.29 -6.84 3.11	33.96 -5.75 0.79	31.57 -4.89 0.00	28.88 -3.90 0.00
OXBOW___BTM 323836	33.25 -4.58 0.00	30.72 -4.35 0.00	30.24 -4.16 0.00	26.76 -3.21 0.00	27.12 -3.32 0.00	29.61 -3.92 0.00	31.98 -4.57 0.00	32.48 -4.47 0.00	31.57 -4.93 0.00	30.18 -5.52 0.17	26.52 -4.74 0.98	23.25 -4.30 1.91	18.07 -3.83 4.53	17.52 -3.43 2.22	18.50 -3.44 0.13	23.38 -4.12 0.34	28.76 -5.04 0.03	37.13 -7.24 4.55	40.03 -7.76 6.14	39.06 -7.14 3.04	33.54 -6.20 0.77	31.39 -5.07 0.00	28.79 -4.00 0.00
OXBOW___ 24026	33.03 -4.80 0.00	30.58 -4.49 0.00	30.11 -4.30 0.00	26.64 -3.33 0.00	26.91 -3.53 0.00	29.60 -3.92 0.00	31.98 -4.57 0.00	32.48 -4.47 0.00	31.57 -4.93 0.00	30.08 -5.63 0.17	26.49 -4.77 0.98	23.22 -4.33 1.91	18.02 -3.89 4.53	17.52 -3.43 2.22	18.70 -3.25 0.13	23.18 -4.31 0.34	28.72 -5.07 0.03	37.03 -7.34 4.55	39.97 -7.82 6.14	39.01 -7.19 3.04	33.66 -6.07 0.77	31.39 -5.07 0.00	28.62 -4.16 0.00
OXY_CHEM_DSASP 323612	32.87 -4.96 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.52 -3.45 0.00	26.75 -3.68 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.69 -6.03 0.16	26.29 -5.00 0.95	23.06 -4.54 1.87	17.91 -4.10 4.42	17.38 -3.59 2.20	18.55 -3.40 0.13	22.91 -4.59 0.33	28.45 -5.34 0.03	36.67 -7.73 4.52	39.63 -8.30 6.00	38.64 -7.63 2.97	33.27 -6.48 0.75	31.10 -5.36 0.00	28.33 -4.46 0.00
OZONE_PARK_ESR 323760	40.74 2.91 0.00	37.52 2.45 0.00	36.40 2.00 0.00	31.94 1.98 0.00	32.54 2.10 0.00	35.84 2.31 0.00	39.22 2.67 0.00	39.80 2.85 0.00	39.42 2.92 0.00	38.92 3.05 0.00	34.91 2.68 0.00	31.97 2.50 0.00	28.76 2.33 0.00	25.33 2.16 0.00	24.12 2.03 0.00	30.29 2.45 0.00	36.77 2.94 0.00	52.83 3.91 0.00	57.97 4.04 0.00	52.98 3.74 0.00	43.62 3.12 0.00	39.05 2.59 0.00	34.95 2.16 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.87 -4.96 0.00	30.44 -4.63 0.00	29.97 -4.44 0.00	26.52 -3.45 0.00	26.75 -3.68 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.69 -6.03 0.16	26.29 -5.00 0.95	23.06 -4.54 1.87	17.91 -4.10 4.42	17.38 -3.59 2.20	18.55 -3.40 0.13	22.91 -4.59 0.33	28.45 -5.34 0.03	36.67 -7.73 4.52	39.63 -8.30 6.00	38.64 -7.63 2.97	33.27 -6.48 0.75	31.10 -5.36 0.00	28.33 -4.46 0.00
PACKARD___115KV_DUPONT_184 80571	33.10 -4.73 0.00	30.54 -4.52 0.00	30.11 -4.30 0.00	26.64 -3.33 0.00	26.97 -3.47 0.00	29.47 -4.06 0.00	31.69 -4.86 0.00	32.19 -4.77 0.00	31.28 -5.22 0.00	29.83 -5.88 0.16	26.32 -4.96 0.95	23.09 -4.51 1.87	17.97 -4.04 4.42	17.38 -3.59 2.20	18.27 -3.69 0.13	23.19 -4.31 0.33	28.49 -5.31 0.03	36.77 -7.63 4.52	39.68 -8.25 6.00	38.69 -7.58 2.97	33.07 -6.68 0.75	31.13 -5.32 0.00	28.46 -4.33 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.63 2.80 0.00	37.41 2.35 0.00	36.20 1.79 0.00	31.88 1.92 0.00	32.29 1.86 0.00	35.51 1.98 0.00	38.81 2.27 0.00	39.39 2.44 0.00	39.02 2.52 0.00	38.57 2.69 0.00	34.59 2.35 0.00	31.68 2.21 0.00	28.49 2.06 0.00	25.10 1.92 0.00	23.90 1.81 0.00	30.01 2.17 0.00	36.43 2.60 0.00	52.29 3.38 0.00	57.33 3.40 0.00	52.39 3.15 0.00	43.21 2.71 0.00	38.65 2.19 0.00	34.66 1.87 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.05 3.22 0.00	37.77 2.70 0.00	36.58 2.17 0.00	32.21 2.25 0.00	32.63 2.19 0.00	35.87 2.35 0.00	39.22 2.67 0.00	39.80 2.85 0.00	39.35 2.85 0.00	38.89 3.01 0.00	34.85 2.61 0.00	31.91 2.45 0.00	28.71 2.27 0.00	25.29 2.11 0.00	24.07 1.99 0.00	30.23 2.39 0.00	36.70 2.88 0.00	52.73 3.82 0.00	57.81 3.88 0.00	52.88 3.64 0.00	43.54 3.04 0.00	38.97 2.52 0.00	34.95 2.16 0.00
PATROON___115KV_TB1 80586	39.61 1.78 0.00	36.68 1.61 0.00	35.82 1.41 0.00	31.28 1.32 0.00	31.84 1.40 0.00	35.10 1.58 0.00	38.23 1.68 0.00	38.62 1.66 0.00	38.25 1.75 0.00	37.67 1.79 0.00	33.78 1.55 0.00	30.88 1.41 0.00	27.67 1.24 0.00	24.27 1.09 0.00	23.10 1.02 0.00	29.12 1.28 0.00	35.45 1.62 0.00	51.22 2.30 0.00	56.36 2.43 0.00	51.35 2.12 0.00	42.24 1.74 0.00	37.95 1.49 0.00	34.06 1.28 0.00
PATRSNVILLE___SOLAR 323815	39.00 1.17 0.00	36.12 1.05 0.00	35.34 0.93 0.00	30.83 0.87 0.00	31.38 0.94 0.00	34.63 1.10 0.00	37.75 1.20 0.00	38.06 1.11 0.00	37.56 1.06 0.00	36.77 0.90 0.00	32.98 0.74 0.00	30.11 0.65 0.00	26.91 0.48 0.00	23.52 0.35 0.00	22.39 0.31 0.00	28.31 0.47 0.00	34.64 0.81 0.00	50.53 1.61 0.00	55.81 1.89 0.00	50.86 1.62 0.00	41.80 1.30 0.00	37.52 1.06 0.00	33.67 0.89 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.78 -4.05 0.00	31.24 -3.82 0.00	30.76 -3.65 0.00	27.18 -2.79 0.00	27.48 -2.95 0.00	30.31 -3.22 0.00	33.08 -3.47 0.00	33.59 -3.36 0.00	32.67 -3.83 0.00	31.67 -4.05 0.15	27.62 -3.74 0.88	24.28 -3.48 1.71	19.57 -2.83 4.04	18.30 -2.43 2.45	19.53 -2.43 0.13	24.62 -2.87 0.35	30.14 -3.65 0.03	39.06 -5.28 4.57	42.90 -5.55 5.48	41.11 -5.42 2.71	35.56 -4.25 0.69	32.34 -4.12 0.00	29.54 -3.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.44 2.61 0.00	37.31 2.24 0.00	36.27 1.86 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.67 2.15 0.00	38.96 2.41 0.00	39.47 2.51 0.00	39.13 2.63 0.00	38.64 2.76 0.00	34.62 2.39 0.00	31.56 2.09 0.00	28.39 1.96 0.00	25.01 1.83 0.00	23.83 1.74 0.00	29.95 2.12 0.00	36.43 2.60 0.00	52.54 3.62 0.00	57.60 3.67 0.00	52.53 3.30 0.00	43.17 2.67 0.00	38.68 2.22 0.00	34.66 1.87 0.00
PEEKSKILL___ 23653	40.06 2.23 0.00	36.99 1.93 0.00	35.92 1.51 0.00	31.46 1.50 0.00	32.05 1.61 0.00	35.37 1.84 0.00	38.63 2.08 0.00	39.17 2.22 0.00	38.76 2.26 0.00	38.32 2.44 0.00	34.36 2.13 0.00	31.38 1.91 0.00	28.23 1.80 0.00	24.85 1.67 0.00	23.72 1.63 0.00	29.78 1.95 0.00	36.16 2.33 0.00	52.00 3.08 0.00	57.11 3.18 0.00	52.09 2.85 0.00	42.93 2.43 0.00	38.43 1.97 0.00	34.46 1.67 0.00

PGE MADISON___WINDPWR 24146	38.55 0.72 0.00	35.73 0.67 0.00	35.10 0.69 0.00	30.62 0.66 0.00	31.14 0.70 0.00	34.57 1.04 0.00	37.79 1.24 0.00	38.21 1.26 0.00	37.49 0.99 0.00	36.60 0.72 -0.01	32.82 0.55 -0.03	29.82 0.29 -0.06	26.71 0.13 -0.14	23.58 -0.07 -0.47	22.16 0.07 -0.01	28.17 0.28 -0.05	34.81 0.98 -0.01	51.73 2.30 -0.52	57.03 2.91 -0.19	51.74 2.41 -0.10	42.15 1.62 -0.03	37.74 1.28 0.00	33.90 1.11 0.00
PIERCEFIELD___HYD 23852	37.83 0.00 0.00	35.14 0.07 0.00	34.72 0.31 0.00	30.00 0.03 0.00	30.28 -0.15 0.00	33.39 -0.13 0.00	36.29 -0.26 0.00	36.62 -0.33 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.91 -0.32 0.00	29.14 -0.32 0.00	26.11 -0.32 0.00	22.88 -0.30 0.00	21.82 -0.27 0.00	27.45 -0.39 0.00	33.12 -0.71 0.00	47.94 -0.98 0.00	52.96 -0.97 0.00	48.40 -0.84 0.00	39.97 -0.53 0.00	36.06 -0.40 0.00	32.43 -0.36 0.00
PINELAWN_CC_1 323563	41.16 3.33 0.00	37.66 2.59 0.00	36.44 2.03 0.00	32.06 2.10 0.00	32.63 2.19 0.00	35.91 2.38 0.00	39.18 2.63 0.00	39.76 2.81 0.00	39.60 3.10 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.27 2.80 0.00	29.08 2.64 0.00	25.54 2.37 0.00	24.38 2.30 0.00	30.71 2.87 -0.01	37.35 3.52 -0.01	53.27 4.35 0.00	58.24 4.32 0.00	53.27 4.04 0.00	44.18 3.68 0.00	39.38 2.92 0.00	35.38 2.59 0.00
PJM_GEN_HTP_PROXY 323702	40.44 2.61 0.00	37.28 2.21 0.00	36.16 1.75 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.10 1.92 0.00	23.96 1.88 0.00	30.06 2.23 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.54 3.61 0.00	52.54 3.30 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
PJM_GEN_KEystone 24065	37.11 -0.72 0.00	34.29 -0.77 0.00	33.51 -0.89 0.00	29.43 -0.54 0.00	29.92 -0.52 0.00	32.93 -0.60 0.00	36.00 -0.55 0.00	36.47 -0.48 0.00	35.88 -0.62 0.00	35.10 -0.72 0.06	31.26 -0.64 0.33	28.16 -0.65 0.66	24.41 -0.48 1.55	21.80 -0.37 1.00	21.71 -0.33 0.05	27.25 -0.45 0.14	33.24 -0.58 0.01	46.50 -0.98 1.44	50.69 -1.14 2.10	47.07 -1.13 1.04	39.34 -0.89 0.26	35.55 -0.91 0.00	32.10 -0.69 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.59 2.76 0.00	37.24 2.17 0.00	36.03 1.62 0.00	31.70 1.74 0.00	32.26 1.83 0.00	35.51 1.98 0.00	38.74 2.19 0.00	39.36 2.40 0.00	39.16 2.66 0.00	38.92 3.05 0.00	34.97 2.74 0.00	31.91 2.44 0.00	28.76 2.33 0.00	25.29 2.11 0.00	24.11 2.03 0.00	30.37 2.53 -0.01	36.88 3.05 -0.01	52.63 3.72 0.00	57.54 3.61 0.00	52.63 3.39 0.00	43.62 3.12 0.00	38.90 2.44 0.00	34.95 2.16 0.00
PJM_GEN_VFT_PROXY 323633	40.33 2.50 0.00	37.13 2.07 0.00	36.06 1.65 0.00	31.58 1.62 0.00	32.17 1.73 0.00	35.51 1.98 0.00	38.85 2.30 0.00	39.43 2.48 0.00	39.02 2.52 0.00	38.57 2.69 0.00	34.59 2.35 0.00	31.59 2.12 0.00	28.44 2.01 0.00	25.08 1.90 0.00	23.94 1.86 0.00	30.01 2.17 0.00	36.40 2.57 0.00	52.20 3.28 0.00	57.27 3.34 0.00	52.29 3.05 0.00	43.17 2.67 0.00	38.65 2.19 0.00	34.62 1.83 0.00
PLATSBURG_115KV_PMLD1 355749	37.41 -0.42 0.00	34.78 -0.28 0.00	34.72 0.31 0.00	29.70 -0.27 0.00	30.16 -0.27 0.00	33.19 -0.34 0.00	36.04 -0.51 0.00	36.33 -0.63 0.00	35.95 -0.55 0.00	35.52 -0.36 0.00	31.98 -0.26 0.00	29.26 -0.21 0.00	26.30 -0.13 0.00	23.06 -0.12 0.00	21.93 -0.15 0.00	27.56 -0.28 0.00	33.29 -0.54 0.00	48.23 -0.68 0.00	53.17 -0.75 0.00	48.45 -0.79 0.00	39.77 -0.73 0.00	35.73 -0.73 0.00	32.16 -0.62 0.00
PLEASANTVLY___LBMP 24000	39.87 2.04 0.00	36.82 1.75 0.00	35.82 1.41 0.00	31.37 1.41 0.00	31.96 1.52 0.00	35.20 1.68 0.00	38.45 1.90 0.00	38.95 2.00 0.00	38.58 2.08 0.00	38.06 2.19 0.00	34.17 1.93 0.00	31.26 1.80 0.00	28.10 1.67 0.00	24.73 1.55 0.00	23.54 1.46 0.00	29.59 1.75 0.00	35.96 2.13 0.00	51.76 2.84 0.00	56.84 2.91 0.00	51.85 2.61 0.00	42.69 2.19 0.00	38.25 1.79 0.00	34.26 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.29 2.46 0.00	37.17 2.10 0.00	36.13 1.72 0.00	31.64 1.68 0.00	32.26 1.83 0.00	35.54 2.01 0.00	38.85 2.30 0.00	39.39 2.44 0.00	38.98 2.48 0.00	38.49 2.62 0.00	34.52 2.29 0.00	31.56 2.09 0.00	28.39 1.96 0.00	24.98 1.81 0.00	23.81 1.72 0.00	29.92 2.09 0.00	36.33 2.50 0.00	52.34 3.42 0.00	57.43 3.51 0.00	52.44 3.20 0.00	43.13 2.63 0.00	38.61 2.15 0.00	34.59 1.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.29 2.46 0.00	37.17 2.10 0.00	36.13 1.72 0.00	31.64 1.68 0.00	32.26 1.83 0.00	35.54 2.01 0.00	38.85 2.30 0.00	39.39 2.44 0.00	38.98 2.48 0.00	38.49 2.62 0.00	34.52 2.29 0.00	31.56 2.09 0.00	28.39 1.96 0.00	24.98 1.81 0.00	23.81 1.72 0.00	29.92 2.09 0.00	36.33 2.50 0.00	52.34 3.42 0.00	57.43 3.51 0.00	52.44 3.20 0.00	43.13 2.63 0.00	38.61 2.15 0.00	34.59 1.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.10 2.27 0.00	37.03 1.96 0.00	36.03 1.62 0.00	31.55 1.59 0.00	32.14 1.70 0.00	35.41 1.88 0.00	38.63 2.08 0.00	39.14 2.18 0.00	38.73 2.23 0.00	38.21 2.33 0.00	34.27 2.03 0.00	31.32 1.86 0.00	28.12 1.69 0.00	24.75 1.58 0.00	23.59 1.50 0.00	29.70 1.87 0.00	36.13 2.30 0.00	52.10 3.18 0.00	57.22 3.29 0.00	52.19 2.95 0.00	42.93 2.43 0.00	38.43 1.97 0.00	34.43 1.64 0.00
POLETTI___ 23519	40.52 2.69 0.00	37.31 2.24 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.67 2.80 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.53 2.71 0.00	52.49 3.57 0.00	57.54 3.61 0.00	52.58 3.35 0.00	43.33 2.83 0.00	38.79 2.33 0.00	34.75 1.97 0.00
POMONA___ESR 323819	40.02 2.19 0.00	36.96 1.89 0.00	35.92 1.51 0.00	31.43 1.47 0.00	32.02 1.58 0.00	35.30 1.78 0.00	38.59 2.05 0.00	39.10 2.14 0.00	38.73 2.23 0.00	38.24 2.37 0.00	34.33 2.09 0.00	31.32 1.86 0.00	28.20 1.77 0.00	24.80 1.62 0.00	23.68 1.59 0.00	29.76 1.92 0.00	36.13 2.30 0.00	52.00 3.08 0.00	57.11 3.18 0.00	52.09 2.85 0.00	42.89 2.39 0.00	38.39 1.93 0.00	34.42 1.64 0.00
PORT_JEFF_3 23555	41.20 3.37 0.00	37.66 2.59 0.00	36.40 1.99 0.00	32.09 2.13 0.00	32.63 2.19 0.00	35.84 2.31 0.00	39.07 2.52 0.00	39.69 2.73 0.00	39.60 3.10 0.00	39.46 3.59 0.00	35.43 3.19 0.00	32.32 2.86 0.00	29.13 2.70 0.00	25.59 2.41 0.00	24.42 2.34 0.00	30.82 2.98 -0.01	37.56 3.72 -0.01	53.37 4.45 0.00	58.24 4.32 0.00	53.37 4.14 0.00	44.31 3.81 0.00	39.48 3.02 0.00	35.48 2.69 0.00

PORT_JEFF_4 23616	41.20 3.37 0.00	37.66 2.59 0.00	36.40 1.99 0.00	32.09 2.13 0.00	32.63 2.19 0.00	35.84 2.31 0.00	39.07 2.52 0.00	39.69 2.73 0.00	39.60 3.10 0.00	39.46 3.59 0.00	35.43 3.19 0.00	32.32 2.86 0.00	29.13 2.70 0.00	25.59 2.41 0.00	24.42 2.34 0.00	30.82 2.98 -0.01	37.56 3.72 -0.01	53.37 4.45 0.00	58.24 4.32 0.00	53.37 4.14 0.00	44.31 3.81 0.00	39.48 3.02 0.00	35.48 2.69 0.00
PORT_JEFF_IC 23713	41.23 3.40 0.00	37.77 2.70 0.00	36.51 2.10 0.00	32.15 2.19 0.00	32.81 2.37 0.00	35.87 2.35 0.00	39.11 2.56 0.00	39.73 2.77 0.00	39.64 3.14 0.00	39.46 3.59 0.00	35.49 3.26 0.00	32.41 2.95 0.00	29.21 2.78 0.00	25.66 2.48 0.00	24.45 2.36 0.00	30.87 3.03 0.00	37.58 3.75 0.00	53.52 4.60 0.00	58.35 4.42 0.00	53.52 4.28 0.00	44.47 3.97 0.00	39.52 3.06 0.00	35.47 2.69 0.00
PPL_PILGRIM_ST_GT1 24216	41.27 3.44 0.00	37.77 2.70 0.00	36.54 2.13 0.00	32.18 2.22 0.00	32.72 2.28 0.00	35.97 2.45 0.00	39.25 2.70 0.00	39.87 2.92 0.00	39.75 3.25 0.00	39.54 3.66 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.66 2.48 0.00	24.49 2.41 0.00	30.88 3.03 -0.01	37.59 3.75 -0.01	53.47 4.55 0.00	58.40 4.47 0.00	53.47 4.23 0.00	44.39 3.89 0.00	39.56 3.10 0.00	35.54 2.75 0.00
PPL_PILGRIM_ST_GT2 24217	41.27 3.44 0.00	37.77 2.70 0.00	36.54 2.13 0.00	32.18 2.22 0.00	32.72 2.28 0.00	35.97 2.45 0.00	39.25 2.70 0.00	39.87 2.92 0.00	39.75 3.25 0.00	39.54 3.66 0.00	35.52 3.29 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.66 2.48 0.00	24.49 2.41 0.00	30.88 3.03 -0.01	37.59 3.75 -0.01	53.47 4.55 0.00	58.40 4.47 0.00	53.47 4.23 0.00	44.39 3.89 0.00	39.56 3.10 0.00	35.54 2.75 0.00
PPL_SHRM_GT3 24213	41.27 3.44 0.00	37.73 2.66 0.00	36.44 2.03 0.00	32.15 2.19 0.00	32.66 2.22 0.00	35.77 2.25 0.00	38.85 2.30 0.00	39.50 2.55 0.00	39.53 3.03 0.00	39.50 3.62 0.00	35.49 3.25 0.00	32.36 2.89 0.00	29.18 2.75 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.88 3.03 0.00	37.69 3.85 0.00	53.57 4.65 0.00	58.29 4.37 0.00	53.52 4.28 0.00	44.47 3.97 0.00	39.56 3.10 0.00	35.57 2.79 0.00
PPL_SHRM_GT4 24214	41.27 3.44 0.00	37.73 2.66 0.00	36.44 2.03 0.00	32.15 2.19 0.00	32.66 2.22 0.00	35.77 2.25 0.00	38.85 2.30 0.00	39.50 2.55 0.00	39.53 3.03 0.00	39.50 3.62 0.00	35.49 3.25 0.00	32.36 2.89 0.00	29.18 2.75 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.88 3.03 -0.01	37.69 3.85 -0.01	53.57 4.65 0.00	58.29 4.37 0.00	53.52 4.28 0.00	44.47 3.97 0.00	39.56 3.10 0.00	35.57 2.79 0.00
PROJECT__ORANGE 1 24174	36.92 -0.91 0.00	34.19 -0.88 0.00	33.51 -0.89 0.00	29.31 -0.66 0.00	29.74 -0.70 0.00	32.76 -0.77 0.00	35.78 -0.77 0.00	36.18 -0.78 0.00	35.66 -0.84 0.00	34.94 -0.93 0.00	31.40 -0.84 0.00	28.70 -0.77 0.00	25.72 -0.71 0.00	22.53 -0.65 0.00	21.51 -0.57 0.00	27.11 -0.72 0.00	33.05 -0.78 0.00	47.84 -1.08 0.00	52.85 -1.08 0.00	48.35 -0.89 0.00	39.77 -0.73 0.00	35.88 -0.58 0.00	32.29 -0.49 0.00
PROJECT__ORANGE 2 24166	36.92 -0.91 0.00	34.19 -0.88 0.00	33.51 -0.89 0.00	29.31 -0.66 0.00	29.74 -0.70 0.00	32.76 -0.77 0.00	35.78 -0.77 0.00	36.18 -0.78 0.00	35.66 -0.84 0.00	34.94 -0.93 0.00	31.40 -0.84 0.00	28.70 -0.77 0.00	25.72 -0.71 0.00	22.53 -0.65 0.00	21.51 -0.57 0.00	27.11 -0.72 0.00	33.05 -0.78 0.00	47.84 -1.08 0.00	52.85 -1.08 0.00	48.35 -0.89 0.00	39.77 -0.73 0.00	35.88 -0.58 0.00	32.29 -0.49 0.00
PUCKETT__SOLAR 323809	37.75 -0.08 0.00	34.96 -0.10 0.00	34.27 -0.14 0.00	30.00 0.03 0.00	30.44 0.00 0.00	33.56 0.03 0.00	36.69 0.15 0.00	37.14 0.19 0.00	36.50 0.00 0.00	35.72 -0.18 -0.02	32.07 -0.22 -0.05	29.24 -0.32 -0.10	26.33 -0.32 -0.21	25.28 -0.35 -2.45	21.79 -0.31 -0.02	27.82 -0.28 -0.26	33.79 -0.07 -0.03	50.68 0.25 -1.52	54.64 0.43 -0.28	49.73 0.35 -0.14	40.71 0.16 -0.04	36.53 0.07 0.00	32.88 0.10 0.00
PYRITES__HYD 24023	38.28 0.45 0.00	35.56 0.49 0.00	35.13 0.72 0.00	30.32 0.36 0.00	30.68 0.24 0.00	33.86 0.34 0.00	36.73 0.18 0.00	36.99 0.04 0.00	36.46 -0.04 0.00	35.84 -0.04 0.00	32.11 -0.13 0.00	29.29 -0.18 0.00	26.25 -0.19 0.00	22.99 -0.19 0.00	21.93 -0.15 0.00	27.64 -0.19 0.00	33.42 -0.41 0.00	48.67 -0.24 0.00	53.93 0.00 0.00	49.24 0.00 0.00	40.58 0.08 0.00	36.57 0.11 0.00	32.88 0.10 0.00
QUAKERRD_115KV_BK1 80622	35.26 -2.57 0.00	32.61 -2.45 0.00	32.00 -2.41 0.00	28.08 -1.89 0.00	28.49 -1.95 0.00	31.38 -2.15 0.00	34.32 -2.23 0.00	34.70 -2.25 0.00	34.09 -2.41 0.00	33.12 -2.76 -0.01	29.79 -2.51 -0.06	27.24 -2.36 -0.13	24.54 -2.22 -0.33	19.90 -1.99 1.29	20.36 -1.72 0.00	25.43 -2.28 0.12	31.31 -2.50 0.02	44.49 -3.57 0.86	50.71 -3.67 -0.45	46.11 -3.35 -0.22	37.67 -2.88 -0.05	34.16 -2.30 0.00	30.82 -1.97 0.00
QUENSBRY_115KV_TB8 356137	39.53 1.70 0.00	36.57 1.51 0.00	35.79 1.38 0.00	31.25 1.29 0.00	31.93 1.49 0.00	35.27 1.74 0.00	38.45 1.90 0.00	38.80 1.85 0.00	38.51 2.01 0.00	37.74 1.87 0.00	33.78 1.55 0.00	30.76 1.30 0.00	27.41 0.98 0.00	23.96 0.79 0.00	22.84 0.75 0.00	28.89 1.06 0.00	35.38 1.56 0.00	51.46 2.54 0.00	56.89 2.97 0.00	51.70 2.46 0.00	42.36 1.86 0.00	37.95 1.49 0.00	34.10 1.31 0.00
RAMAPO__LBMP 323565	39.87 2.04 0.00	36.82 1.75 0.00	35.82 1.41 0.00	31.34 1.38 0.00	31.96 1.52 0.00	35.20 1.68 0.00	38.45 1.90 0.00	38.95 2.00 0.00	38.54 2.04 0.00	38.10 2.22 0.00	34.20 1.97 0.00	31.26 1.80 0.00	28.12 1.69 0.00	24.75 1.58 0.00	23.56 1.48 0.00	29.65 1.81 0.00	35.96 2.13 0.00	51.80 2.89 0.00	56.84 2.91 0.00	51.89 2.66 0.00	42.69 2.19 0.00	38.25 1.79 0.00	34.26 1.48 0.00
RANKINE____ 23646	33.40 -4.43 0.00	30.89 -4.17 0.00	30.42 -3.99 0.00	26.88 -3.09 0.00	27.15 -3.29 0.00	29.94 -3.59 0.00	32.67 -3.87 0.00	33.19 -3.77 0.00	32.27 -4.23 0.00	30.98 -4.74 0.16	27.05 -4.29 0.89	23.77 -3.95 1.75	18.89 -3.41 4.13	17.71 -3.01 2.45	19.15 -2.80 0.13	23.92 -3.56 0.35	29.50 -4.30 0.03	37.72 -6.36 4.84	41.59 -6.74 5.60	40.11 -6.35 2.77	34.61 -5.18 0.71	31.94 -4.52 0.00	29.21 -3.57 0.00
RAVENSWOOD_GT2_1 24244	40.48 2.65 0.00	37.31 2.24 0.00	36.20 1.79 0.00	31.73 1.77 0.00	32.35 1.92 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.67 2.80 0.00	34.68 2.45 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.58 3.35 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00



RAVENSWOOD_GT_9 24257	40.48 2.65 0.00	37.31 2.24 0.00	36.20 1.79 0.00	31.73 1.77 0.00	32.35 1.92 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.67 2.80 0.00	34.68 2.45 0.00	31.76 2.30 0.00	28.57 2.14 0.00	25.17 1.99 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.58 3.35 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.72 1.93 0.00
RAVENSWOOD___1 23533	40.56 2.73 0.00	37.38 2.31 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.32 1.89 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.16 2.66 0.00	38.75 2.87 0.00	34.75 2.52 0.00	31.74 2.27 0.00	28.57 2.14 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.49 3.57 0.00	57.60 3.67 0.00	52.59 3.35 0.00	43.38 2.88 0.00	38.83 2.37 0.00	34.79 2.00 0.00
RAVENSWOOD___2 23534	40.56 2.73 0.00	37.38 2.31 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.44 3.52 0.00	57.60 3.67 0.00	52.59 3.35 0.00	43.38 2.88 0.00	38.79 2.34 0.00	34.79 2.00 0.00
RAVENSWOOD___3 23535	40.44 2.61 0.00	37.28 2.21 0.00	36.20 1.79 0.00	31.70 1.74 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.13 2.63 0.00	38.68 2.80 0.00	34.68 2.45 0.00	31.68 2.21 0.00	28.52 2.09 0.00	25.10 1.92 0.00	23.96 1.88 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.39 3.47 0.00	57.54 3.61 0.00	52.54 3.30 0.00	43.29 2.79 0.00	38.76 2.30 0.00	34.75 1.97 0.00
RAVENSWOOD___4 23820	40.56 2.73 0.00	37.38 2.31 0.00	36.20 1.79 0.00	31.76 1.80 0.00	32.29 1.86 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.16 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.70 2.24 0.00	28.55 2.12 0.00	25.15 1.97 0.00	24.00 1.92 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.44 3.52 0.00	57.54 3.61 0.00	52.54 3.30 0.00	43.33 2.83 0.00	38.79 2.34 0.00	34.79 2.00 0.00
RCPI_TRUST___DRP 24196	40.48 2.65 0.00	37.31 2.24 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.67 2.15 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.53 2.71 0.00	52.54 3.62 0.00	57.60 3.67 0.00	52.63 3.40 0.00	43.33 2.83 0.00	38.79 2.33 0.00	34.75 1.97 0.00
RED___ROCHESTER 323720	36.01 -1.82 0.00	33.28 -1.79 0.00	32.62 -1.79 0.00	28.68 -1.29 0.00	29.13 -1.31 0.00	31.99 -1.54 0.00	34.98 -1.57 0.00	35.41 -1.55 0.00	34.71 -1.79 0.00	33.78 -2.12 -0.02	30.38 -2.00 -0.15	27.85 -1.91 -0.30	25.33 -1.82 -0.72	20.11 -1.67 1.40	20.53 -1.57 -0.01	25.81 -1.89 0.13	31.88 -1.93 0.02	45.19 -2.74 0.99	52.27 -2.64 -0.98	47.31 -2.41 -0.48	38.43 -2.19 -0.11	34.78 -1.68 0.00	31.47 -1.31 0.00
REGAN___SOLAR 323812	39.72 1.89 0.00	36.75 1.68 0.00	35.89 1.48 0.00	31.37 1.41 0.00	31.99 1.55 0.00	35.37 1.84 0.00	38.59 2.05 0.00	38.66 1.70 0.00	38.00 1.50 0.00	36.99 1.11 0.00	33.07 0.84 0.00	30.06 0.59 0.00	26.70 0.26 0.00	23.15 -0.02 0.00	21.95 -0.13 0.00	27.89 0.06 0.00	34.70 0.88 0.00	51.56 2.64 0.00	57.22 3.29 0.00	52.04 2.81 0.00	42.64 2.15 0.00	38.25 1.79 0.00	34.26 1.48 0.00
RENSSELAER___COGEN 23796	39.42 1.59 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.69 1.25 0.00	34.94 1.41 0.00	38.01 1.46 0.00	38.44 1.48 0.00	38.03 1.53 0.00	37.42 1.54 0.00	33.62 1.39 0.00	30.73 1.27 0.00	27.57 1.14 0.00	24.15 0.97 0.00	23.03 0.95 0.00	29.03 1.20 0.00	35.31 1.49 0.00	50.97 2.05 0.00	56.09 2.16 0.00	51.11 1.87 0.00	42.04 1.54 0.00	37.81 1.35 0.00	33.90 1.12 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.93 3.10 0.00	37.84 2.77 0.00	36.95 2.55 0.00	32.36 2.40 0.00	33.12 2.68 0.00	36.68 3.15 0.00	40.02 3.47 0.00	40.24 3.29 0.00	39.97 3.47 0.00	39.00 3.12 0.00	34.81 2.58 0.00	31.62 2.15 0.00	28.07 1.64 0.00	24.52 1.34 0.00	23.41 1.33 0.00	29.67 1.84 0.00	36.46 2.64 0.00	53.42 4.50 0.00	59.38 5.45 0.00	53.82 4.58 0.00	43.94 3.44 0.00	39.30 2.84 0.00	35.28 2.49 0.00
REVERE_CPPR_DRP 24186	38.40 0.57 0.00	35.56 0.49 0.00	34.89 0.48 0.00	30.38 0.42 0.00	30.65 0.21 0.00	33.83 0.30 0.00	36.91 0.37 0.00	37.29 0.33 0.00	36.76 0.26 0.00	36.05 0.18 0.00	32.33 0.10 0.00	29.50 0.03 0.00	26.38 -0.05 0.00	23.04 -0.14 0.00	22.04 -0.04 0.00	27.84 0.00 0.00	34.03 0.20 0.00	49.60 0.68 0.00	54.95 1.02 0.00	50.07 0.84 0.00	41.11 0.61 0.00	36.93 0.47 0.00	33.21 0.43 0.00
REYNLDPA_13_KV_LD 356490	37.87 0.04 0.00	35.17 0.11 0.00	34.72 0.31 0.00	30.03 0.06 0.00	30.47 0.03 0.00	33.59 0.07 0.00	36.55 0.00 0.00	36.88 -0.07 0.00	36.46 -0.04 0.00	35.88 0.00 0.00	32.20 -0.03 0.00	29.44 -0.03 0.00	26.38 -0.05 0.00	23.18 0.00 0.00	22.06 -0.02 0.00	27.70 -0.14 0.00	33.52 -0.31 0.00	48.58 -0.34 0.00	53.12 -0.81 0.00	48.89 -0.34 0.00	40.22 -0.28 0.00	36.21 -0.25 0.00	32.59 -0.20 0.00
REYNOLDS_115KV_TB3 80639	39.46 1.63 0.00	36.54 1.47 0.00	35.72 1.31 0.00	31.16 1.20 0.00	31.72 1.28 0.00	34.97 1.44 0.00	38.01 1.46 0.00	38.43 1.48 0.00	38.03 1.53 0.00	37.49 1.61 0.00	33.65 1.42 0.00	30.76 1.30 0.00	27.60 1.16 0.00	24.20 1.02 0.00	23.03 0.95 0.00	29.06 1.22 0.00	35.35 1.52 0.00	50.97 2.05 0.00	56.03 2.10 0.00	51.06 1.82 0.00	42.04 1.54 0.00	37.77 1.31 0.00	33.93 1.15 0.00
RIVERBAY____ 323610	41.05 3.22 0.00	37.77 2.70 0.00	36.58 2.17 0.00	32.21 2.25 0.00	32.63 2.19 0.00	35.87 2.35 0.00	39.22 2.67 0.00	39.80 2.85 0.00	39.35 2.85 0.00	38.89 3.01 0.00	34.85 2.61 0.00	31.91 2.45 0.00	28.71 2.27 0.00	25.29 2.11 0.00	24.07 1.99 0.00	30.23 2.39 0.00	36.70 2.88 0.00	52.73 3.82 0.00	57.81 3.88 0.00	52.88 3.64 0.00	43.54 3.04 0.00	38.97 2.52 0.00	34.95 2.16 0.00
RIVERSDE_115KV_TB3 55908	39.49 1.66 0.00	36.57 1.51 0.00	35.75 1.34 0.00	31.19 1.23 0.00	31.75 1.31 0.00	35.00 1.48 0.00	38.08 1.53 0.00	38.51 1.55 0.00	38.11 1.61 0.00	37.53 1.65 0.00	33.69 1.45 0.00	30.79 1.33 0.00	27.62 1.19 0.00	24.22 1.04 0.00	23.06 0.97 0.00	29.06 1.22 0.00	35.38 1.56 0.00	51.07 2.15 0.00	56.14 2.21 0.00	51.16 1.92 0.00	42.12 1.62 0.00	37.84 1.39 0.00	33.97 1.18 0.00

ROARING___BROOK_WT_PWR 323790	36.09 -1.74 0.00	33.45 -1.61 0.00	34.13 -0.28 0.00	28.56 -1.41 0.00	29.04 -1.40 0.00	31.95 -1.58 0.00	34.83 -1.72 0.00	35.26 -1.70 0.00	35.00 -1.50 0.00	34.58 -1.29 0.00	31.14 -1.10 0.00	28.46 -1.00 0.00	25.53 -0.90 0.00	22.36 -0.81 0.00	21.33 -0.75 0.00	26.94 -0.89 0.00	32.81 -1.01 0.00	47.35 -1.57 0.00	51.99 -1.94 0.00	47.22 -2.02 0.00	38.76 -1.74 0.00	34.82 -1.64 0.00	31.28 -1.51 0.00
ROCHESRG_115KV_T4 355643	35.52 -2.31 0.00	32.86 -2.21 0.00	32.24 -2.17 0.00	28.32 -1.65 0.00	28.70 -1.73 0.00	31.65 -1.88 0.00	34.57 -1.97 0.00	34.96 -2.00 0.00	34.31 -2.19 0.00	33.27 -2.62 -0.01	29.97 -2.39 -0.12	27.49 -2.21 -0.24	24.92 -2.09 -0.57	19.94 -1.88 1.36	20.50 -1.59 -0.01	25.57 -2.14 0.13	31.47 -2.33 0.02	44.57 -3.38 0.98	51.26 -3.45 -0.78	46.52 -3.10 -0.38	37.88 -2.71 -0.09	34.34 -2.11 0.00	31.05 -1.74 0.00
ROCHESTER_9_IC 23652	35.75 -2.08 0.00	33.07 -2.00 0.00	32.45 -1.96 0.00	28.50 -1.47 0.00	28.92 -1.52 0.00	31.85 -1.68 0.00	34.83 -1.72 0.00	35.22 -1.74 0.00	34.57 -1.93 0.00	33.49 -2.40 -0.02	30.23 -2.16 -0.15	27.71 -2.06 -0.30	25.21 -1.96 -0.73	20.01 -1.76 1.40	20.62 -1.48 -0.01	25.70 -2.00 0.13	31.71 -2.10 0.02	44.90 -3.03 0.99	51.90 -3.02 -0.99	47.01 -2.71 -0.49	38.19 -2.43 -0.12	34.60 -1.86 0.00	31.28 -1.51 0.00
ROCKVIEW_13_KV_LD 356306	40.40 2.57 0.00	37.24 2.17 0.00	36.20 1.79 0.00	31.70 1.74 0.00	32.35 1.92 0.00	35.61 2.08 0.00	38.96 2.41 0.00	39.51 2.55 0.00	39.09 2.59 0.00	38.64 2.76 0.00	34.68 2.45 0.00	31.71 2.24 0.00	28.52 2.09 0.00	25.10 1.92 0.00	23.92 1.83 0.00	30.06 2.23 0.00	36.46 2.64 0.00	52.49 3.57 0.00	57.60 3.67 0.00	52.58 3.35 0.00	43.29 2.79 0.00	38.72 2.26 0.00	34.69 1.90 0.00
ROME___115KV_TB2 80656	38.40 0.57 0.00	35.56 0.49 0.00	34.89 0.48 0.00	30.38 0.42 0.00	30.65 0.21 0.00	33.83 0.30 0.00	36.91 0.37 0.00	37.29 0.33 0.00	36.76 0.26 0.00	36.05 0.18 0.00	32.33 0.10 0.00	29.50 0.03 0.00	26.38 -0.05 0.00	23.04 -0.14 0.00	22.04 -0.04 0.00	27.84 0.00 0.00	34.03 0.20 0.00	49.60 0.68 0.00	54.95 1.02 0.00	50.07 0.84 0.00	41.11 0.61 0.00	36.93 0.47 0.00	33.21 0.43 0.00
ROSETON___1 23587	39.76 1.93 0.00	36.71 1.65 0.00	35.75 1.34 0.00	31.28 1.32 0.00	31.84 1.40 0.00	35.10 1.58 0.00	38.34 1.79 0.00	38.84 1.88 0.00	38.43 1.93 0.00	37.95 2.08 0.00	34.07 1.84 0.00	31.09 1.62 0.00	27.96 1.53 0.00	24.59 1.41 0.00	23.48 1.39 0.00	29.51 1.67 0.00	35.82 2.00 0.00	51.56 2.64 0.00	56.68 2.75 0.00	51.70 2.46 0.00	42.56 2.06 0.00	38.14 1.68 0.00	34.20 1.41 0.00
ROSETON___2 23588	39.76 1.93 0.00	36.71 1.65 0.00	35.75 1.34 0.00	31.28 1.32 0.00	31.84 1.40 0.00	35.10 1.58 0.00	38.34 1.79 0.00	38.84 1.88 0.00	38.43 1.93 0.00	37.95 2.08 0.00	34.07 1.84 0.00	31.09 1.62 0.00	27.96 1.53 0.00	24.59 1.41 0.00	23.48 1.39 0.00	29.51 1.67 0.00	35.82 2.00 0.00	51.56 2.64 0.00	56.68 2.75 0.00	51.70 2.46 0.00	42.56 2.06 0.00	38.14 1.68 0.00	34.20 1.41 0.00
ROTTRDAM_115KV_TB3 80664	38.93 1.10 0.00	36.05 0.98 0.00	35.27 0.86 0.00	30.77 0.81 0.00	31.29 0.85 0.00	34.50 0.97 0.00	37.61 1.06 0.00	37.99 1.03 0.00	37.56 1.06 0.00	36.92 1.04 0.00	33.14 0.90 0.00	30.26 0.80 0.00	27.09 0.66 0.00	23.73 0.56 0.00	22.59 0.51 0.00	28.53 0.70 0.00	34.77 0.95 0.00	50.39 1.47 0.00	55.55 1.62 0.00	50.61 1.38 0.00	41.63 1.13 0.00	37.41 0.95 0.00	33.57 0.79 0.00
RUSSELL___1 23602	35.90 -1.93 0.00	33.21 -1.86 0.00	32.55 -1.86 0.00	28.62 -1.35 0.00	29.04 -1.40 0.00	31.99 -1.54 0.00	34.98 -1.57 0.00	35.37 -1.59 0.00	34.71 -1.79 0.00	33.67 -2.22 -0.02	30.35 -2.03 -0.15	27.82 -1.94 -0.30	25.30 -1.85 -0.72	20.11 -1.67 1.40	20.71 -1.39 -0.01	25.82 -1.89 0.13	31.85 -1.96 0.02	45.19 -2.74 0.99	52.21 -2.70 -0.98	47.30 -2.41 -0.48	38.39 -2.23 -0.11	34.78 -1.68 0.00	31.41 -1.38 0.00
RUSSELL___2 23532	35.90 -1.93 0.00	33.21 -1.86 0.00	32.55 -1.86 0.00	28.62 -1.35 0.00	29.04 -1.40 0.00	31.99 -1.54 0.00	34.98 -1.57 0.00	35.37 -1.59 0.00	34.71 -1.79 0.00	33.67 -2.22 -0.02	30.35 -2.03 -0.15	27.82 -1.94 -0.30	25.30 -1.85 -0.72	20.11 -1.67 1.40	20.71 -1.39 -0.01	25.82 -1.89 0.13	31.85 -1.96 0.02	45.19 -2.74 0.99	52.21 -2.70 -0.98	47.30 -2.41 -0.48	38.39 -2.23 -0.11	34.78 -1.68 0.00	31.41 -1.38 0.00
RUSSELL___3 23549	35.90 -1.93 0.00	33.21 -1.86 0.00	32.55 -1.86 0.00	28.62 -1.35 0.00	29.04 -1.40 0.00	31.99 -1.54 0.00	34.98 -1.57 0.00	35.37 -1.59 0.00	34.71 -1.79 0.00	33.67 -2.22 -0.02	30.35 -2.03 -0.15	27.82 -1.94 -0.30	25.30 -1.85 -0.72	20.11 -1.67 1.40	20.71 -1.39 -0.01	25.82 -1.89 0.13	31.85 -1.96 0.02	45.19 -2.74 0.99	52.21 -2.70 -0.98	47.30 -2.41 -0.48	38.39 -2.23 -0.11	34.78 -1.68 0.00	31.41 -1.38 0.00
RUSSELL___4 23556	35.90 -1.93 0.00	33.21 -1.86 0.00	32.55 -1.86 0.00	28.62 -1.35 0.00	29.04 -1.40 0.00	31.99 -1.54 0.00	34.98 -1.57 0.00	35.37 -1.59 0.00	34.71 -1.79 0.00	33.67 -2.22 -0.02	30.35 -2.03 -0.15	27.82 -1.94 -0.30	25.30 -1.85 -0.72	20.11 -1.67 1.40	20.71 -1.39 -0.01	25.82 -1.89 0.13	31.85 -1.96 0.02	45.19 -2.74 0.99	52.21 -2.70 -0.98	47.30 -2.41 -0.48	38.39 -2.23 -0.11	34.78 -1.68 0.00	31.41 -1.38 0.00
RUSSELL___STATION 23914	35.90 -1.93 0.00	33.21 -1.86 0.00	32.55 -1.86 0.00	28.62 -1.35 0.00	29.04 -1.40 0.00	31.99 -1.54 0.00	34.98 -1.57 0.00	35.37 -1.59 0.00	34.71 -1.79 0.00	33.67 -2.22 -0.02	30.35 -2.03 -0.15	27.82 -1.94 -0.30	25.30 -1.85 -0.72	20.11 -1.67 1.40	20.71 -1.39 -0.01	25.82 -1.89 0.13	31.85 -1.96 0.02	45.19 -2.74 0.99	52.21 -2.70 -0.98	47.30 -2.41 -0.48	38.39 -2.23 -0.11	34.78 -1.68 0.00	31.41 -1.38 0.00
S SALMON___HYD 24043	37.34 -0.49 0.00	34.54 -0.53 0.00	33.89 -0.52 0.00	29.55 -0.42 0.00	29.74 -0.70 0.00	32.79 -0.74 0.00	35.82 -0.73 0.00	36.14 -0.81 0.00	35.59 -0.91 0.00	34.83 -1.04 0.00	31.20 -1.03 0.00	28.41 -1.06 0.00	25.35 -1.08 0.00	22.13 -1.04 0.00	21.18 -0.91 0.00	26.78 -1.06 0.00	32.84 -0.98 0.00	48.09 -0.83 0.00	53.55 -0.37 0.00	48.84 -0.40 0.00	40.05 -0.44 0.00	36.02 -0.44 0.00	32.33 -0.46 0.00
S.PERRY___115KV_TB1 80734	36.32 -1.51 0.00	33.52 -1.54 0.00	32.89 -1.51 0.00	28.98 -0.99 0.00	29.34 -1.10 0.00	32.39 -1.14 0.00	35.30 -1.24 0.00	35.48 -1.48 0.00	34.49 -2.01 0.00	33.15 -2.65 0.07	29.33 -2.58 0.33	26.36 -2.48 0.64	22.65 -2.30 1.49	17.86 -2.04 3.27	20.24 -1.79 0.06	25.24 -2.23 0.37	31.55 -2.23 0.04	46.42 -2.59 -0.10	49.87 -2.05 2.01	46.41 -1.82 1.00	38.50 -1.74 0.26	35.07 -1.39 0.00	31.70 -1.08 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.14 -4.69 0.00	30.68 -4.38 0.00	30.21 -4.20 0.00	26.70 -3.27 0.00	26.97 -3.47 0.00	29.71 -3.82 0.00	32.34 -4.20 0.00	32.85 -4.10 0.00	31.94 -4.56 0.00	30.55 -5.17 0.15	26.72 -4.61 0.90	23.48 -4.21 1.78	18.51 -3.73 4.20	17.53 -3.29 2.35	18.96 -3.00 0.12	23.54 -3.95 0.34	29.13 -4.67 0.03	37.06 -7.00 4.87	40.74 -7.50 5.69	39.53 -6.89 2.82	34.08 -5.71 0.71	31.65 -4.81 0.00	28.92 -3.87 0.00
SAWYER__23_KV_LOAD 55526	33.14 -4.69 0.00	30.68 -4.38 0.00	30.21 -4.20 0.00	26.70 -3.27 0.00	26.97 -3.47 0.00	29.71 -3.82 0.00	32.34 -4.20 0.00	32.85 -4.10 0.00	31.94 -4.56 0.00	30.55 -5.17 0.15	26.72 -4.61 0.90	23.48 -4.21 1.78	18.51 -3.73 4.20	17.53 -3.29 2.35	18.96 -3.00 0.12	23.54 -3.95 0.34	29.13 -4.67 0.03	37.06 -7.00 4.87	40.74 -7.50 5.69	39.53 -6.89 2.82	34.08 -5.71 0.71	31.65 -4.81 0.00	28.92 -3.87 0.00
SELKIRK__I 23801	39.38 1.55 0.00	36.50 1.44 0.00	35.68 1.27 0.00	31.13 1.17 0.00	31.66 1.22 0.00	34.90 1.38 0.00	38.01 1.46 0.00	38.40 1.44 0.00	37.96 1.46 0.00	37.27 1.40 0.00	33.46 1.22 0.00	30.53 1.06 0.00	27.38 0.95 0.00	23.96 0.79 0.00	22.86 0.77 0.00	28.81 0.97 0.00	35.14 1.32 0.00	50.88 1.96 0.00	56.03 2.10 0.00	51.11 1.87 0.00	42.00 1.50 0.00	37.77 1.31 0.00	33.90 1.12 0.00
SELKIRK__II 23799	39.15 1.32 0.00	36.29 1.23 0.00	35.48 1.07 0.00	30.95 0.99 0.00	31.47 1.04 0.00	34.70 1.17 0.00	37.79 1.24 0.00	38.21 1.26 0.00	37.78 1.28 0.00	37.16 1.29 0.00	33.39 1.16 0.00	30.53 1.06 0.00	27.38 0.95 0.00	24.01 0.83 0.00	22.88 0.79 0.00	28.84 1.00 0.00	35.08 1.25 0.00	50.63 1.71 0.00	55.76 1.83 0.00	50.81 1.58 0.00	41.80 1.30 0.00	37.59 1.13 0.00	33.70 0.92 0.00
SENECA OSWGO__HYD 24041	36.54 -1.29 0.00	33.84 -1.23 0.00	33.17 -1.24 0.00	29.01 -0.96 0.00	29.43 -1.00 0.00	32.39 -1.14 0.00	35.38 -1.17 0.00	35.77 -1.18 0.00	35.30 -1.20 0.00	34.58 -1.29 0.00	31.04 -1.19 0.00	28.38 -1.09 0.00	25.43 -1.00 0.00	22.25 -0.93 0.00	21.22 -0.86 0.00	26.81 -1.03 0.00	32.68 -1.15 0.00	47.31 -1.61 0.00	52.36 -1.57 0.00	47.86 -1.38 0.00	39.37 -1.13 0.00	35.55 -0.91 0.00	32.00 -0.79 0.00
SENECA__115KV_TB3 355854	33.59 -4.24 0.00	31.03 -4.03 0.00	30.59 -3.82 0.00	27.03 -2.94 0.00	27.36 -3.07 0.00	29.97 -3.55 0.00	32.71 -3.84 0.00	33.22 -3.73 0.00	32.30 -4.20 0.00	31.02 -4.70 0.16	27.12 -4.22 0.89	23.83 -3.89 1.75	18.94 -3.36 4.13	17.73 -2.99 2.45	19.11 -2.85 0.13	23.92 -3.56 0.35	29.50 -4.30 0.03	37.81 -6.26 4.84	41.64 -6.69 5.60	40.16 -6.30 2.77	34.69 -5.10 0.71	32.01 -4.45 0.00	29.34 -3.44 0.00
SENECA__ENERGY 23797	36.62 -1.21 0.00	33.87 -1.19 0.00	33.20 -1.21 0.00	29.10 -0.87 0.00	29.55 -0.88 0.00	32.52 -1.00 0.00	35.56 -0.99 0.00	35.96 -1.00 0.00	35.33 -1.17 0.00	34.49 -1.36 0.02	30.86 -1.29 0.09	28.07 -1.24 0.16	24.89 -1.16 0.38	20.86 -1.07 1.26	21.10 -0.97 0.02	26.56 -1.14 0.14	32.63 -1.18 0.02	46.72 -1.52 0.68	51.85 -1.57 0.51	47.65 -1.33 0.26	39.30 -1.13 0.07	35.51 -0.95 0.00	32.00 -0.79 0.00
SHOEMAKER__GT 23640	39.46 1.63 0.00	36.50 1.44 0.00	35.54 1.13 0.00	31.07 1.11 0.00	31.66 1.22 0.00	34.87 1.34 0.00	38.05 1.50 0.00	38.54 1.59 0.00	38.10 1.60 0.00	37.56 1.69 0.00	33.72 1.48 0.00	30.79 1.33 0.00	27.67 1.24 0.00	24.33 1.16 0.00	23.21 1.13 0.00	29.23 1.39 0.00	35.52 1.69 0.00	51.22 2.30 0.00	56.36 2.43 0.00	51.40 2.16 0.00	42.28 1.78 0.00	37.88 1.42 0.00	34.00 1.21 0.00
SHOEMAKR_138KV_BK 111 55601	39.49 1.66 0.00	36.50 1.44 0.00	35.54 1.14 0.00	31.10 1.14 0.00	31.69 1.25 0.00	34.87 1.34 0.00	38.05 1.50 0.00	38.54 1.59 0.00	38.11 1.61 0.00	37.60 1.72 0.00	33.75 1.52 0.00	30.85 1.38 0.00	27.73 1.30 0.00	24.38 1.21 0.00	23.23 1.15 0.00	29.23 1.39 0.00	35.55 1.73 0.00	51.27 2.35 0.00	56.36 2.43 0.00	51.40 2.17 0.00	42.28 1.78 0.00	37.88 1.42 0.00	34.00 1.21 0.00
SHOREHAM_IC_1 23715	41.27 3.44 0.00	37.73 2.66 0.00	36.44 2.03 0.00	32.15 2.19 0.00	32.66 2.22 0.00	35.77 2.25 0.00	38.85 2.30 0.00	39.50 2.55 0.00	39.53 3.03 0.00	39.50 3.62 0.00	35.49 3.25 0.00	32.36 2.89 0.00	29.18 2.75 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.88 3.03 -0.01	37.69 3.85 0.00	53.57 4.65 0.00	58.29 4.37 0.00	53.52 4.28 0.00	44.47 3.97 0.00	39.56 3.10 0.00	35.57 2.79 0.00
SHOREHAM_IC_2 23716	41.27 3.44 0.00	37.73 2.66 0.00	36.44 2.03 0.00	32.15 2.19 0.00	32.66 2.22 0.00	35.77 2.25 0.00	38.85 2.30 0.00	39.50 2.55 0.00	39.53 3.03 0.00	39.50 3.62 0.00	35.49 3.25 0.00	32.36 2.89 0.00	29.18 2.75 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.88 3.03 -0.01	37.69 3.85 0.00	53.57 4.65 0.00	58.29 4.37 0.00	53.52 4.28 0.00	44.47 3.97 0.00	39.56 3.10 0.00	35.57 2.79 0.00
SISSONVILLE__ 23735	37.83 0.00 0.00	35.14 0.07 0.00	34.72 0.31 0.00	30.00 0.03 0.00	30.28 -0.15 0.00	33.39 -0.13 0.00	36.29 -0.26 0.00	36.62 -0.33 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.91 -0.32 0.00	29.14 -0.32 0.00	26.11 -0.32 0.00	22.88 -0.30 0.00	21.82 -0.27 0.00	27.45 -0.39 0.00	33.12 -0.71 0.00	47.94 -0.98 0.00	52.96 -0.97 0.00	48.40 -0.84 0.00	39.97 -0.53 0.00	36.06 -0.40 0.00	32.43 -0.36 0.00
SITHE_IND_GS1 24169	36.24 -1.59 0.00	33.59 -1.47 0.00	32.93 -1.48 0.00	28.77 -1.20 0.00	29.22 -1.22 0.00	32.15 -1.38 0.00	35.08 -1.46 0.00	35.48 -1.48 0.00	34.97 -1.53 0.00	34.30 -1.58 0.00	30.82 -1.42 0.00	28.20 -1.27 0.00	25.30 -1.14 0.00	22.16 -1.02 0.00	21.11 -0.97 0.00	26.64 -1.20 0.00	32.41 -1.42 0.00	46.91 -2.01 0.00	51.82 -2.10 0.00	47.42 -1.82 0.00	39.04 -1.46 0.00	35.22 -1.24 0.00	31.74 -1.05 0.00
SITHE_IND_GS2 24170	36.24 -1.59 0.00	33.59 -1.47 0.00	32.93 -1.48 0.00	28.77 -1.20 0.00	29.22 -1.22 0.00	32.15 -1.38 0.00	35.08 -1.46 0.00	35.48 -1.48 0.00	34.97 -1.53 0.00	34.30 -1.58 0.00	30.82 -1.42 0.00	28.20 -1.27 0.00	25.30 -1.14 0.00	22.16 -1.02 0.00	21.11 -0.97 0.00	26.64 -1.20 0.00	32.41 -1.42 0.00	46.91 -2.01 0.00	51.82 -2.10 0.00	47.42 -1.82 0.00	39.04 -1.46 0.00	35.22 -1.24 0.00	31.74 -1.05 0.00
SITHE_IND_GS3 24171	36.24 -1.59 0.00	33.59 -1.47 0.00	32.93 -1.48 0.00	28.77 -1.20 0.00	29.22 -1.22 0.00	32.15 -1.38 0.00	35.08 -1.46 0.00	35.48 -1.48 0.00	34.97 -1.53 0.00	34.30 -1.58 0.00	30.82 -1.42 0.00	28.20 -1.27 0.00	25.30 -1.14 0.00	22.16 -1.02 0.00	21.11 -0.97 0.00	26.64 -1.20 0.00	32.41 -1.42 0.00	46.91 -2.01 0.00	51.82 -2.10 0.00	47.42 -1.82 0.00	39.04 -1.46 0.00	35.22 -1.24 0.00	31.74 -1.05 0.00

SITHE_IND_GS4 24172	36.24 -1.59 0.00	33.59 -1.47 0.00	32.93 -1.48 0.00	28.77 -1.20 0.00	29.22 -1.22 0.00	32.15 -1.38 0.00	35.08 -1.46 0.00	35.48 -1.48 0.00	34.97 -1.53 0.00	34.30 -1.58 0.00	30.82 -1.42 0.00	28.20 -1.27 0.00	25.30 -1.14 0.00	22.16 -1.02 0.00	21.11 -0.97 0.00	26.64 -1.20 0.00	32.41 -1.42 0.00	46.91 -2.01 0.00	51.82 -2.10 0.00	47.42 -1.82 0.00	39.04 -1.46 0.00	35.22 -1.24 0.00	31.74 -1.05 0.00
SITHE__BATAVIA 24024	34.69 -3.14 0.00	32.01 -3.05 0.00	31.45 -2.96 0.00	27.81 -2.16 0.00	28.22 -2.22 0.00	30.81 -2.71 0.00	33.59 -2.96 0.00	33.96 -2.99 0.00	33.07 -3.43 0.00	31.48 -3.80 0.59	25.14 -3.48 3.61	19.08 -3.27 7.12	6.62 -2.96 16.86	18.63 -2.66 1.88	19.03 -2.58 0.47	24.06 -3.17 0.60	30.22 -3.59 0.02	40.63 -4.89 3.40	43.88 -4.91 5.15	42.16 -4.53 2.55	36.00 -3.85 0.65	33.11 -3.35 0.00	30.33 -2.46 0.00
SITHE__INDEPEND 23800	36.24 -1.59 0.00	33.59 -1.47 0.00	32.93 -1.48 0.00	28.77 -1.20 0.00	29.22 -1.22 0.00	32.15 -1.37 0.00	35.09 -1.46 0.00	35.48 -1.48 0.00	34.97 -1.53 0.00	34.30 -1.58 0.00	30.82 -1.42 0.00	28.20 -1.27 0.00	25.30 -1.14 0.00	22.16 -1.02 0.00	21.16 -0.93 0.00	26.64 -1.20 0.00	32.41 -1.42 0.00	46.86 -2.05 0.00	51.83 -2.10 0.00	47.41 -1.82 0.00	39.00 -1.50 0.00	35.22 -1.24 0.00	31.74 -1.05 0.00
SITHE__MASSENA 23902	37.91 0.08 0.00	35.21 0.14 0.00	34.75 0.34 0.00	30.06 0.09 0.00	30.47 0.03 0.00	33.59 0.07 0.00	36.51 -0.04 0.00	36.85 -0.11 0.00	36.43 -0.07 0.00	35.84 -0.04 0.00	32.17 -0.06 0.00	29.41 -0.06 0.00	26.35 -0.08 0.00	23.13 -0.05 0.00	22.04 -0.04 0.00	27.67 -0.17 0.00	33.46 -0.37 0.00	48.53 -0.39 0.00	53.50 -0.43 0.00	48.89 -0.34 0.00	40.22 -0.28 0.00	36.24 -0.22 0.00	32.62 -0.16 0.00
SITHE__OGDNSBRG 24021	38.28 0.45 0.00	35.56 0.49 0.00	35.10 0.69 0.00	30.32 0.36 0.00	30.71 0.27 0.00	33.90 0.37 0.00	36.77 0.22 0.00	36.99 0.04 0.00	36.50 0.00 0.00	35.88 0.00 0.00	32.14 -0.10 0.00	29.32 -0.15 0.00	26.30 -0.13 0.00	23.06 -0.12 0.00	21.97 -0.11 0.00	27.70 -0.14 0.00	33.49 -0.34 0.00	48.82 -0.10 0.00	54.04 0.11 0.00	49.38 0.15 0.00	40.62 0.12 0.00	36.57 0.11 0.00	32.92 0.13 0.00
SITHE__STERLING 23777	38.17 0.34 0.00	35.31 0.25 0.00	34.68 0.27 0.00	30.23 0.27 0.00	30.59 0.15 0.00	33.76 0.24 0.00	36.80 0.26 0.00	37.22 0.26 0.00	36.68 0.18 0.00	35.95 0.07 0.00	32.27 0.03 0.00	29.47 0.00 0.00	26.35 -0.08 0.00	23.04 -0.14 0.00	22.02 -0.07 0.00	27.78 -0.06 0.00	33.96 0.14 0.00	49.41 0.49 0.00	54.74 0.81 0.00	49.87 0.64 0.00	40.95 0.45 0.00	36.86 0.40 0.00	33.11 0.33 0.00
SLEIGHT__34_KV_TB1 80719	36.09 -1.74 0.00	33.42 -1.65 0.00	32.76 -1.65 0.00	28.74 -1.23 0.00	29.16 -1.28 0.00	32.15 -1.37 0.00	35.19 -1.35 0.00	35.59 -1.37 0.00	34.97 -1.53 0.00	34.01 -1.87 0.00	30.57 -1.71 -0.05	27.91 -1.65 -0.10	25.08 -1.59 -0.23	20.56 -1.46 1.16	20.85 -1.24 0.00	26.14 -1.59 0.11	32.15 -1.66 0.01	45.87 -2.30 0.75	51.98 -2.26 -0.32	47.37 -2.02 -0.16	38.71 -1.82 -0.03	35.07 -1.39 0.00	31.61 -1.18 0.00
SMITHTWN_69_KV_BK 1 55830	41.31 3.48 0.00	37.80 2.74 0.00	36.54 2.13 0.00	32.18 2.22 0.00	32.84 2.40 0.00	35.94 2.41 0.00	39.18 2.63 0.00	39.80 2.85 0.00	39.71 3.21 0.00	39.53 3.66 0.00	35.56 3.32 0.00	32.47 3.01 0.00	29.26 2.83 0.00	25.70 2.53 0.00	24.49 2.41 0.00	30.93 3.09 0.00	37.65 3.82 0.00	53.61 4.70 0.00	58.46 4.53 0.00	53.62 4.38 0.00	44.55 4.05 0.00	39.56 3.10 0.00	35.51 2.72 0.00
SOUTH CAIRO__GT 23612	40.48 2.65 0.00	37.48 2.42 0.00	36.58 2.17 0.00	31.94 1.98 0.00	32.57 2.13 0.00	35.87 2.35 0.00	38.96 2.41 0.00	39.25 2.29 0.00	38.69 2.19 0.00	37.92 2.04 0.00	33.88 1.64 0.00	30.88 1.41 0.00	27.62 1.19 0.00	24.24 1.07 0.00	23.12 1.04 0.00	29.28 1.45 0.00	35.96 2.13 0.00	52.39 3.47 0.00	57.87 3.94 0.00	52.68 3.45 0.00	43.21 2.71 0.00	38.72 2.26 0.00	34.79 2.00 0.00
SOUTH HAMPTN__IC 23720	41.35 3.52 0.00	37.77 2.70 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.69 2.25 0.00	35.84 2.31 0.00	39.00 2.45 0.00	39.65 2.70 0.00	39.67 3.17 0.00	39.64 3.77 0.00	35.62 3.38 0.00	32.44 2.97 0.00	29.26 2.83 0.00	25.68 2.50 0.00	24.49 2.41 0.00	30.91 3.06 -0.01	37.76 3.92 -0.01	53.71 4.80 0.00	58.46 4.53 0.00	53.67 4.43 0.00	44.55 4.05 0.00	39.67 3.21 0.00	35.67 2.89 0.00
SOUTH DOW__115KV_TB1 355954	33.18 -4.65 0.00	30.72 -4.35 0.00	30.59 -3.82 0.00	26.79 -3.18 0.00	27.24 -3.20 0.00	30.24 -3.29 0.00	33.15 -3.40 0.00	33.67 -3.29 0.00	32.74 -3.76 0.00	31.53 -4.20 0.14	27.51 -3.90 0.83	24.08 -3.77 1.62	19.42 -3.20 3.81	17.70 -2.83 2.65	19.29 -2.67 0.12	24.16 -3.31 0.36	29.77 -4.03 0.03	38.82 -5.87 4.23	42.66 -6.09 5.17	40.81 -5.86 2.56	35.07 -4.78 0.65	32.08 -4.38 0.00	29.25 -3.54 0.00
SOUTH DOW__69_KV_BK 2 55809	41.42 3.59 0.00	37.80 2.74 0.00	36.54 2.13 0.00	32.21 2.25 0.00	32.87 2.43 0.00	35.87 2.35 0.00	39.03 2.49 0.00	39.73 2.77 0.00	39.75 3.25 0.00	39.75 3.87 0.00	35.72 3.48 0.00	32.56 3.09 0.00	29.34 2.91 0.00	25.75 2.57 0.00	24.51 2.43 0.00	30.95 3.12 0.00	37.85 4.03 0.00	53.91 4.99 0.00	58.67 4.75 0.00	53.86 4.63 0.00	44.75 4.25 0.00	39.74 3.28 0.00	35.77 2.98 0.00
SOUTH DOW__IC 23719	41.38 3.55 0.00	37.77 2.70 0.00	36.47 2.06 0.00	32.18 2.22 0.00	32.69 2.25 0.00	35.87 2.35 0.00	39.03 2.49 0.00	39.73 2.77 0.00	39.75 3.25 0.00	39.75 3.88 0.00	35.69 3.45 0.00	32.50 3.04 0.00	29.29 2.86 0.00	25.70 2.53 0.00	24.54 2.45 0.00	30.93 3.09 -0.01	37.86 4.02 -0.01	53.86 4.94 0.00	58.68 4.75 0.00	53.82 4.58 0.00	44.67 4.17 0.00	39.74 3.28 0.00	35.80 3.01 0.00
SOUTH FORK_WT_PWR 323839	41.04 3.21 0.00	37.45 2.39 0.00	36.13 1.72 0.00	31.91 1.95 0.00	32.39 1.95 0.00	35.54 2.01 0.00	38.70 2.16 0.00	39.36 2.40 0.00	39.42 2.92 0.00	39.46 3.59 0.00	35.43 3.19 0.00	32.24 2.77 0.00	29.08 2.64 0.00	25.49 2.32 0.00	24.34 2.25 0.00	30.69 2.84 -0.01	37.56 3.72 -0.01	53.42 4.50 0.00	58.19 4.26 0.00	53.37 4.14 0.00	44.31 3.81 0.00	39.45 2.99 0.00	35.57 2.79 0.00
SPIERFLS_115KV_TB 1 80737	39.34 1.51 0.00	36.40 1.33 0.00	35.61 1.20 0.00	31.10 1.14 0.00	31.75 1.31 0.00	35.07 1.54 0.00	38.23 1.68 0.00	38.58 1.63 0.00	38.29 1.79 0.00	37.53 1.65 0.00	33.62 1.39 0.00	30.62 1.15 0.00	27.30 0.87 0.00	23.87 0.70 0.00	22.75 0.66 0.00	28.76 0.92 0.00	35.21 1.39 0.00	51.12 2.20 0.00	56.52 2.59 0.00	51.40 2.17 0.00	42.12 1.62 0.00	37.77 1.31 0.00	33.90 1.11 0.00

ST LAWRENCE____ 23600	37.57 -0.26 0.00	34.89 -0.17 0.00	34.48 0.07 0.00	29.82 -0.15 0.00	30.26 -0.18 0.00	33.33 -0.20 0.00	36.25 -0.29 0.00	36.59 -0.37 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.98 -0.26 0.00	29.23 -0.24 0.00	26.22 -0.21 0.00	23.02 -0.16 0.00	21.91 -0.18 0.00	27.53 -0.31 0.00	33.35 -0.47 0.00	48.28 -0.64 0.00	53.12 -0.81 0.00	48.59 -0.64 0.00	39.93 -0.57 0.00	35.98 -0.47 0.00	32.39 -0.39 0.00
STATE_CA_115KV_115_LB 55624	39.61 1.78 0.00	36.68 1.61 0.00	35.82 1.41 0.00	31.28 1.32 0.00	31.84 1.40 0.00	35.10 1.58 0.00	38.23 1.68 0.00	38.62 1.66 0.00	38.25 1.75 0.00	37.67 1.79 0.00	33.78 1.55 0.00	30.88 1.41 0.00	27.67 1.24 0.00	24.27 1.09 0.00	23.10 1.02 0.00	29.12 1.28 0.00	35.48 1.66 0.00	51.22 2.30 0.00	56.41 2.48 0.00	51.35 2.12 0.00	42.24 1.74 0.00	37.95 1.49 0.00	34.06 1.28 0.00
STATE_ST_34_KV_LOAD 55959	37.07 -0.76 0.00	34.36 -0.70 0.00	33.65 -0.76 0.00	29.46 -0.51 0.00	29.89 -0.55 0.00	32.96 -0.57 0.00	36.04 -0.51 0.00	36.44 -0.52 0.00	35.88 -0.62 0.00	35.07 -0.79 0.01	31.43 -0.74 0.06	28.62 -0.74 0.11	25.45 -0.71 0.27	21.64 -0.65 0.88	21.50 -0.57 0.01	27.07 -0.67 0.10	33.21 -0.61 0.01	47.70 -0.73 0.48	52.98 -0.59 0.36	48.56 -0.49 0.18	40.01 -0.45 0.05	36.09 -0.36 0.00	32.46 -0.33 0.00
STATION_5_MISC_HYD 23604	35.86 -1.97 0.00	33.14 -1.93 0.00	32.52 -1.89 0.00	28.56 -1.41 0.00	29.01 -1.43 0.00	31.85 -1.68 0.00	34.83 -1.72 0.00	35.22 -1.74 0.00	34.57 -1.94 0.00	33.60 -2.30 -0.02	30.23 -2.16 -0.15	27.74 -2.03 -0.30	25.23 -1.93 -0.73	20.01 -1.76 1.40	20.46 -1.63 -0.01	25.70 -2.00 0.13	31.71 -2.10 0.02	44.95 -2.99 0.99	51.95 -2.97 -0.99	47.01 -2.71 -0.49	38.23 -2.39 -0.12	34.60 -1.86 0.00	31.34 -1.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.24 -1.59 0.00	33.52 -1.54 0.00	32.86 -1.55 0.00	28.86 -1.11 0.00	29.28 -1.16 0.00	32.29 -1.24 0.00	35.30 -1.24 0.00	35.70 -1.26 0.00	35.04 -1.46 0.00	34.08 -1.79 0.00	30.63 -1.64 -0.04	27.97 -1.59 -0.09	25.13 -1.53 -0.23	20.41 -1.39 1.37	20.91 -1.17 0.00	26.17 -1.53 0.14	32.22 -1.59 0.02	45.95 -2.15 0.82	52.08 -2.16 -0.31	47.47 -1.92 -0.15	38.79 -1.74 -0.03	35.11 -1.35 0.00	31.67 -1.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.64 -2.19 0.00	32.96 -2.10 0.00	32.34 -2.06 0.00	28.38 -1.59 0.00	28.79 -1.64 0.00	31.75 -1.78 0.00	34.68 -1.86 0.00	35.11 -1.85 0.00	34.46 -2.04 0.00	33.45 -2.44 -0.01	30.14 -2.22 -0.13	27.60 -2.12 -0.26	25.04 -2.01 -0.62	20.00 -1.81 1.37	20.57 -1.81 -0.01	25.68 -2.03 0.13	31.61 -2.20 0.02	44.84 -3.13 0.94	51.64 -3.13 -0.84	46.79 -2.86 -0.41	38.09 -2.51 -0.10	34.49 -1.97 0.00	31.15 -1.64 0.00
STA_56____34_KV_BUS2 355983	35.64 -2.19 0.00	32.96 -2.10 0.00	32.34 -2.06 0.00	28.38 -1.59 0.00	28.79 -1.64 0.00	31.75 -1.78 0.00	34.68 -1.86 0.00	35.11 -1.85 0.00	34.46 -2.04 0.00	33.45 -2.44 -0.01	30.14 -2.22 -0.13	27.60 -2.12 -0.26	25.04 -2.01 -0.62	20.00 -1.81 1.37	20.57 -1.81 -0.01	25.68 -2.03 0.13	31.61 -2.20 0.02	44.84 -3.13 0.94	51.64 -3.13 -0.84	46.79 -2.86 -0.41	38.09 -2.51 -0.10	34.49 -1.97 0.00	31.15 -1.64 0.00
STA_67____115KV_BK2 355882	35.67 -2.16 0.00	33.03 -2.03 0.00	32.38 -2.03 0.00	28.44 -1.53 0.00	28.85 -1.58 0.00	31.78 -1.74 0.00	34.76 -1.79 0.00	35.14 -1.81 0.00	34.49 -2.01 0.00	33.42 -2.48 -0.02	30.16 -2.22 -0.15	27.65 -2.12 -0.30	25.15 -2.01 -0.72	19.97 -1.81 1.40	20.57 -1.52 -0.01	25.68 -2.03 0.13	31.64 -2.16 0.02	44.80 -3.13 0.99	51.79 -3.13 -0.99	46.91 -2.81 -0.48	38.10 -2.51 -0.12	34.53 -1.93 0.00	31.21 -1.57 0.00
STA_7____115KV_9TRANS 80674	35.90 -1.93 0.00	33.21 -1.86 0.00	32.55 -1.86 0.00	28.62 -1.35 0.00	29.04 -1.40 0.00	31.99 -1.54 0.00	34.98 -1.57 0.00	35.37 -1.59 0.00	34.71 -1.79 0.00	33.67 -2.22 -0.02	30.35 -2.03 -0.15	27.82 -1.94 -0.30	25.30 -1.85 -0.72	20.11 -1.67 1.40	20.71 -1.39 -0.01	25.82 -1.89 0.13	31.85 -1.96 0.02	45.19 -2.74 0.99	52.21 -2.70 -0.98	47.30 -2.41 -0.48	38.39 -2.23 -0.11	34.78 -1.68 0.00	31.41 -1.38 0.00
STA_82____115KV_TB1 80780	35.64 -2.19 0.00	33.00 -2.07 0.00	32.34 -2.06 0.00	28.44 -1.53 0.00	28.82 -1.61 0.00	31.78 -1.74 0.00	34.72 -1.83 0.00	35.11 -1.85 0.00	34.46 -2.04 0.00	33.38 -2.51 -0.02	30.14 -2.26 -0.16	27.63 -2.15 -0.32	25.19 -2.01 -0.76	19.96 -1.81 1.41	20.55 -1.55 -0.01	25.65 -2.06 0.13	31.61 -2.20 0.02	44.75 -3.18 0.99	51.79 -3.18 -1.04	46.89 -2.86 -0.51	38.07 -2.55 -0.12	34.49 -1.97 0.00	31.18 -1.61 0.00
STEEL____WIND 323596	33.59 -4.24 0.00	31.00 -4.07 0.00	30.56 -3.85 0.00	27.00 -2.97 0.00	27.36 -3.07 0.00	29.97 -3.55 0.00	32.67 -3.87 0.00	33.19 -3.77 0.00	32.27 -4.23 0.00	31.02 -4.70 0.16	27.08 -4.26 0.89	23.80 -3.92 1.75	18.92 -3.38 4.13	17.73 -2.99 2.45	19.09 -2.87 0.13	23.89 -3.59 0.35	29.50 -4.30 0.03	37.81 -6.26 4.84	41.64 -6.69 5.60	40.16 -6.30 2.77	34.69 -5.10 0.71	31.97 -4.49 0.00	29.34 -3.44 0.00
STEPHTWN_115KV_BK_2 55603	39.83 2.00 0.00	36.85 1.79 0.00	36.03 1.62 0.00	31.43 1.47 0.00	32.02 1.58 0.00	35.30 1.78 0.00	38.48 1.94 0.00	38.88 1.92 0.00	38.51 2.01 0.00	37.92 2.04 0.00	34.01 1.77 0.00	31.03 1.56 0.00	27.81 1.37 0.00	24.36 1.18 0.00	23.21 1.13 0.00	29.28 1.45 0.00	35.69 1.86 0.00	51.56 2.64 0.00	56.84 2.91 0.00	51.75 2.51 0.00	42.52 2.02 0.00	38.17 1.71 0.00	34.26 1.48 0.00
STEBEN_REC_LFGE 323667	34.54 -3.29 0.00	31.84 -3.23 0.00	31.24 -3.17 0.00	27.57 -2.40 0.00	27.85 -2.59 0.00	30.81 -2.72 0.00	33.81 -2.74 0.00	34.26 -2.70 0.00	33.40 -3.10 0.00	32.20 -3.55 0.12	28.33 -3.29 0.62	25.17 -3.09 1.20	20.85 -2.78 2.81	15.44 -2.55 5.19	19.55 -2.43 0.10	24.26 -2.98 0.60	30.38 -3.38 0.07	42.77 -4.55 1.59	45.38 -4.75 3.80	42.96 -4.38 1.89	36.40 -3.60 0.49	33.25 -3.21 0.00	30.13 -2.66 0.00
STILLWATER____SOLAR 323814	39.57 1.74 0.00	36.68 1.61 0.00	35.82 1.41 0.00	31.28 1.32 0.00	31.90 1.46 0.00	35.20 1.68 0.00	38.37 1.83 0.00	38.77 1.81 0.00	38.40 1.90 0.00	37.63 1.76 0.00	33.75 1.52 0.00	31.03 1.56 0.00	27.70 1.27 0.00	24.24 1.07 0.00	23.10 1.02 0.00	29.20 1.36 0.00	35.38 1.56 0.00	51.36 2.44 0.00	56.68 2.75 0.00	51.60 2.36 0.00	42.32 1.82 0.00	37.99 1.53 0.00	34.06 1.28 0.00
STONY____BROOK 24151	41.24 3.41 0.00	37.73 2.66 0.00	36.44 2.03 0.00	32.12 2.16 0.00	32.66 2.22 0.00	35.91 2.38 0.00	39.14 2.60 0.00	39.76 2.81 0.00	39.67 3.17 0.00	39.54 3.66 0.00	35.49 3.25 0.00	32.38 2.92 0.00	29.18 2.75 0.00	25.63 2.46 0.00	24.47 2.39 0.00	30.88 3.03 -0.01	37.62 3.79 -0.01	53.52 4.60 0.00	58.40 4.47 0.00	53.52 4.28 0.00	44.39 3.89 0.00	39.52 3.06 0.00	35.51 2.72 0.00

STURGEON_POOL_HYD 23609	39.87 2.04 0.00	36.85 1.79 0.00	35.85 1.45 0.00	31.37 1.41 0.00	31.93 1.49 0.00	35.14 1.61 0.00	38.34 1.79 0.00	38.80 1.85 0.00	38.40 1.90 0.00	37.88 2.01 0.00	34.01 1.77 0.00	31.09 1.62 0.00	27.94 1.51 0.00	24.59 1.41 0.00	23.43 1.35 0.00	29.51 1.67 0.00	35.86 2.03 0.00	51.71 2.79 0.00	56.79 2.86 0.00	51.85 2.61 0.00	42.65 2.15 0.00	38.17 1.71 0.00	34.26 1.48 0.00
ST_LAW_115_BK7_LBMP 345037	37.57 -0.26 0.00	34.93 -0.14 0.00	34.48 0.07 0.00	29.82 -0.15 0.00	30.26 -0.18 0.00	33.33 -0.20 0.00	36.25 -0.29 0.00	36.59 -0.37 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.98 -0.26 0.00	29.23 -0.24 0.00	26.22 -0.21 0.00	23.02 -0.16 0.00	21.91 -0.18 0.00	27.50 -0.33 0.00	33.32 -0.51 0.00	48.23 -0.68 0.00	53.06 -0.86 0.00	48.55 -0.69 0.00	39.93 -0.57 0.00	35.98 -0.47 0.00	32.39 -0.39 0.00
ST_LAW_115_BK8_LBMP 345038	37.57 -0.26 0.00	34.93 -0.14 0.00	34.48 0.07 0.00	29.82 -0.15 0.00	30.26 -0.18 0.00	33.33 -0.20 0.00	36.25 -0.29 0.00	36.59 -0.37 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.98 -0.26 0.00	29.23 -0.24 0.00	26.22 -0.21 0.00	23.02 -0.16 0.00	21.91 -0.18 0.00	27.50 -0.33 0.00	33.32 -0.51 0.00	48.23 -0.68 0.00	53.06 -0.86 0.00	48.55 -0.69 0.00	39.93 -0.57 0.00	35.98 -0.47 0.00	32.39 -0.39 0.00
ST_LAW_230_BK5_LBMP 345035	37.57 -0.26 0.00	34.89 -0.17 0.00	34.48 0.07 0.00	29.82 -0.15 0.00	30.26 -0.18 0.00	33.33 -0.20 0.00	36.25 -0.29 0.00	36.59 -0.37 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.98 -0.26 0.00	29.23 -0.24 0.00	26.22 -0.21 0.00	23.02 -0.16 0.00	21.91 -0.18 0.00	27.53 -0.31 0.00	33.35 -0.47 0.00	48.28 -0.64 0.00	53.12 -0.81 0.00	48.59 -0.64 0.00	39.93 -0.57 0.00	35.98 -0.47 0.00	32.39 -0.39 0.00
ST_LAW_230_BK6_LBMP 345036	37.57 -0.26 0.00	34.89 -0.17 0.00	34.48 0.07 0.00	29.82 -0.15 0.00	30.26 -0.18 0.00	33.33 -0.20 0.00	36.25 -0.29 0.00	36.59 -0.37 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.98 -0.26 0.00	29.23 -0.24 0.00	26.22 -0.21 0.00	23.02 -0.16 0.00	21.91 -0.18 0.00	27.53 -0.31 0.00	33.35 -0.47 0.00	48.28 -0.64 0.00	53.12 -0.81 0.00	48.59 -0.64 0.00	39.93 -0.57 0.00	35.98 -0.47 0.00	32.39 -0.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.72 1.89 0.00	36.68 1.61 0.00	35.72 1.31 0.00	31.25 1.29 0.00	31.84 1.40 0.00	35.07 1.54 0.00	38.26 1.72 0.00	38.77 1.81 0.00	38.36 1.86 0.00	37.88 2.01 0.00	34.01 1.77 0.00	31.09 1.62 0.00	27.94 1.51 0.00	24.59 1.41 0.00	23.43 1.35 0.00	29.48 1.64 0.00	35.79 1.96 0.00	51.61 2.69 0.00	56.68 2.75 0.00	51.70 2.46 0.00	42.52 2.02 0.00	38.10 1.64 0.00	34.16 1.38 0.00
SWANROAD_115KV_TB1 355699	32.50 -5.33 0.00	30.09 -4.98 0.00	29.63 -4.78 0.00	26.25 -3.72 0.00	26.48 -3.96 0.00	28.90 -4.63 0.00	31.50 -5.04 0.00	31.97 -4.99 0.00	31.06 -5.44 0.00	30.13 -5.56 0.18	26.30 -4.93 1.00	23.07 -4.45 1.95	17.83 -4.02 4.59	17.47 -3.55 2.16	18.45 -3.49 0.15	23.09 -4.40 0.34	28.28 -5.51 0.03	36.63 -7.83 4.46	39.40 -8.30 6.22	38.57 -7.58 3.08	33.47 -6.24 0.79	30.84 -5.61 0.00	28.49 -4.29 0.00
SYNERGY__BIOGAS 323694	34.50 -3.33 0.00	31.91 -3.16 0.00	31.35 -3.06 0.00	27.69 -2.28 0.00	28.03 -2.40 0.00	30.81 -2.72 0.00	33.59 -2.96 0.00	33.96 -2.99 0.00	33.07 -3.43 0.00	31.41 -3.87 0.59	25.11 -3.51 3.61	19.05 -3.30 7.12	6.56 -3.01 16.86	18.63 -2.67 1.88	19.14 -2.47 0.47	24.09 -3.15 0.60	30.18 -3.62 0.02	40.58 -4.94 3.40	43.82 -4.96 5.15	42.16 -4.53 2.55	35.92 -3.93 0.65	33.10 -3.35 0.00	30.23 -2.56 0.00
SYRACUSE__ENERGY_ST1 323597	37.07 -0.76 0.00	34.36 -0.70 0.00	33.69 -0.72 0.00	29.43 -0.54 0.00	29.89 -0.55 0.00	32.92 -0.60 0.00	35.96 -0.58 0.00	36.36 -0.59 0.00	35.84 -0.66 0.00	35.11 -0.75 0.01	31.49 -0.71 0.03	28.76 -0.65 0.06	25.69 -0.61 0.14	22.14 -0.58 0.46	21.57 -0.51 0.01	27.17 -0.61 0.05	33.18 -0.64 0.01	47.84 -0.83 0.25	52.93 -0.81 0.19	48.50 -0.64 0.09	39.95 -0.53 0.02	36.06 -0.40 0.00	32.46 -0.33 0.00
SYRACUSE__ENERGY_ST2 323598	37.07 -0.76 0.00	34.36 -0.70 0.00	33.69 -0.72 0.00	29.43 -0.54 0.00	29.89 -0.55 0.00	32.92 -0.60 0.00	35.96 -0.58 0.00	36.36 -0.59 0.00	35.84 -0.66 0.00	35.11 -0.75 0.01	31.49 -0.71 0.03	28.76 -0.65 0.06	25.69 -0.61 0.14	22.14 -0.58 0.46	21.57 -0.51 0.01	27.17 -0.61 0.05	33.18 -0.64 0.01	47.84 -0.83 0.25	52.93 -0.81 0.19	48.50 -0.64 0.09	39.95 -0.53 0.02	36.06 -0.40 0.00	32.46 -0.33 0.00
SYRACUSE__POWER 24017	37.04 -0.79 0.00	34.29 -0.77 0.00	33.62 -0.79 0.00	29.40 -0.57 0.00	29.83 -0.61 0.00	32.86 -0.67 0.00	35.89 -0.66 0.00	36.33 -0.63 0.00	35.77 -0.73 0.00	35.05 -0.83 0.00	31.49 -0.74 0.00	28.79 -0.68 0.00	25.80 -0.63 0.00	22.57 -0.60 0.00	21.55 -0.53 0.00	27.20 -0.64 0.00	33.15 -0.68 0.00	48.04 -0.88 0.00	53.07 -0.86 0.00	48.50 -0.74 0.00	39.89 -0.61 0.00	35.99 -0.47 0.00	32.39 -0.39 0.00
TALLMAN__138KV_BK151 55660	39.99 2.16 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.05 1.61 0.00	35.27 1.74 0.00	38.56 2.01 0.00	39.06 2.11 0.00	38.69 2.19 0.00	38.21 2.33 0.00	34.30 2.06 0.00	31.38 1.92 0.00	28.20 1.77 0.00	24.82 1.65 0.00	23.65 1.57 0.00	29.73 1.89 0.00	36.09 2.27 0.00	51.95 3.03 0.00	57.00 3.07 0.00	52.04 2.81 0.00	42.85 2.35 0.00	38.35 1.90 0.00	34.36 1.57 0.00
TEALLAVE_115KV_TB7 355573	36.88 -0.95 0.00	34.19 -0.88 0.00	33.48 -0.93 0.00	29.28 -0.69 0.00	29.71 -0.73 0.00	32.72 -0.80 0.00	35.74 -0.80 0.00	36.18 -0.78 0.00	35.62 -0.88 0.00	34.94 -0.93 0.00	31.36 -0.87 0.00	28.67 -0.80 0.00	25.69 -0.74 0.00	22.50 -0.67 0.00	21.49 -0.60 0.00	27.09 -0.75 0.00	33.01 -0.81 0.00	47.79 -1.13 0.00	52.85 -1.08 0.00	48.30 -0.94 0.00	39.73 -0.77 0.00	35.84 -0.62 0.00	32.26 -0.52 0.00
TELEGRAPH_34_KV_EAST 80808	33.63 -4.20 0.00	31.14 -3.93 0.00	30.59 -3.82 0.00	27.06 -2.91 0.00	27.36 -3.07 0.00	30.01 -3.52 0.00	32.71 -3.84 0.00	33.15 -3.81 0.00	32.27 -4.23 0.00	31.06 -4.59 0.23	26.80 -4.13 1.31	23.12 -3.77 2.57	16.92 -3.44 6.08	18.14 -3.04 2.00	19.03 -2.87 0.18	23.81 -3.67 0.36	29.40 -4.40 0.03	37.87 -6.21 4.83	34.91 -6.47 12.55	37.12 -5.91 6.20	33.95 -4.98 1.57	32.12 -4.34 0.00	29.44 -3.34 0.00
TEMPLE__115KV_TB 2 55572	36.92 -0.91 0.00	34.19 -0.88 0.00	33.51 -0.89 0.00	29.31 -0.66 0.00	29.74 -0.70 0.00	32.76 -0.77 0.00	35.78 -0.77 0.00	36.18 -0.78 0.00	35.66 -0.84 0.00	34.94 -0.93 0.00	31.40 -0.84 0.00	28.70 -0.77 0.00	25.72 -0.71 0.00	22.53 -0.65 0.00	21.51 -0.57 0.00	27.11 -0.72 0.00	33.05 -0.78 0.00	47.84 -1.08 0.00	52.85 -1.08 0.00	48.35 -0.89 0.00	39.77 -0.73 0.00	35.88 -0.58 0.00	32.29 -0.49 0.00

TIANA___69_KV_BK 1 55817	41.39 3.56 0.00	37.84 2.77 0.00	36.58 2.17 0.00	32.24 2.28 0.00	32.90 2.47 0.00	35.87 2.35 0.00	39.00 2.45 0.00	39.69 2.73 0.00	39.68 3.18 0.00	39.64 3.77 0.00	35.65 3.42 0.00	32.53 3.06 0.00	29.31 2.88 0.00	25.73 2.55 0.00	24.51 2.43 0.00	30.95 3.12 0.00	37.78 3.96 0.00	53.76 4.84 0.00	58.51 4.58 0.00	53.77 4.53 0.00	44.71 4.21 0.00	39.70 3.24 0.00	35.67 2.89 0.00
TILDEN___115KV_TB1 80814	37.04 -0.79 0.00	34.29 -0.77 0.00	33.62 -0.79 0.00	29.40 -0.57 0.00	29.83 -0.61 0.00	32.86 -0.67 0.00	35.89 -0.66 0.00	36.33 -0.63 0.00	35.77 -0.73 0.00	35.05 -0.83 0.00	31.49 -0.74 0.00	28.79 -0.68 0.00	25.80 -0.63 0.00	22.57 -0.60 0.00	21.55 -0.53 0.00	27.20 -0.64 0.00	33.15 -0.68 0.00	48.04 -0.88 0.00	53.07 -0.86 0.00	48.50 -0.74 0.00	39.89 -0.61 0.00	35.99 -0.47 0.00	32.39 -0.39 0.00
TRIGEN___CC 323695	40.67 2.84 0.00	37.34 2.28 0.00	36.20 1.79 0.00	31.82 1.86 0.00	32.45 2.01 0.00	35.61 2.08 0.00	38.89 2.34 0.00	39.47 2.51 0.00	39.24 2.74 0.00	39.00 3.12 0.00	35.07 2.84 0.00	32.06 2.59 0.00	28.86 2.43 0.00	25.38 2.20 0.00	24.16 2.08 0.00	30.43 2.59 0.00	36.94 3.11 0.00	52.78 3.86 0.00	57.70 3.77 0.00	52.83 3.59 0.00	43.78 3.28 0.00	38.97 2.52 0.00	34.98 2.20 0.00
TRINITY___115KV___4 BK 55933	39.49 1.66 0.00	36.57 1.51 0.00	35.72 1.31 0.00	31.19 1.23 0.00	31.75 1.31 0.00	34.97 1.44 0.00	38.08 1.53 0.00	38.51 1.55 0.00	38.11 1.61 0.00	37.53 1.65 0.00	33.69 1.45 0.00	30.79 1.33 0.00	27.60 1.16 0.00	24.20 1.02 0.00	23.03 0.95 0.00	29.06 1.22 0.00	35.35 1.52 0.00	51.02 2.10 0.00	56.14 2.21 0.00	51.16 1.92 0.00	42.08 1.58 0.00	37.84 1.39 0.00	33.97 1.18 0.00
UNION___PROCESSING_DRP 323587	35.64 -2.19 0.00	33.00 -2.07 0.00	32.34 -2.06 0.00	28.44 -1.53 0.00	28.82 -1.61 0.00	31.78 -1.74 0.00	34.72 -1.83 0.00	35.11 -1.85 0.00	34.46 -2.04 0.00	33.42 -2.48 0.00	30.15 -2.26 0.00	27.68 -2.12 0.00	25.23 -2.01 0.00	19.96 -1.81 0.00	20.57 -1.52 0.00	25.65 -2.06 0.13	31.61 -2.20 0.02	44.74 -3.18 1.00	51.85 -3.18 -1.10	46.92 -2.86 -0.54	38.08 -2.55 -0.13	34.49 -1.97 0.00	31.18 -1.61 0.00
UPPER HUDSON___HYD 24058	39.30 1.47 0.00	36.36 1.30 0.00	35.54 1.13 0.00	31.10 1.14 0.00	31.74 1.31 0.00	35.07 1.54 0.00	38.23 1.68 0.00	38.58 1.62 0.00	38.29 1.79 0.00	37.49 1.62 0.00	33.62 1.39 0.00	31.35 1.89 0.00	27.94 1.51 0.00	24.43 1.25 0.00	23.30 1.21 0.00	29.45 1.61 0.00	35.18 1.35 0.00	51.17 2.25 0.00	56.57 2.64 0.00	51.40 2.16 0.00	42.08 1.58 0.00	37.77 1.31 0.00	33.87 1.08 0.00
UPPER RAQUET___HYD 24056	37.83 0.00 0.00	35.14 0.07 0.00	34.72 0.31 0.00	29.97 0.00 0.00	30.29 -0.15 0.00	33.39 -0.13 0.00	36.29 -0.25 0.00	36.62 -0.33 0.00	36.17 -0.33 0.00	35.59 -0.29 0.00	31.91 -0.32 0.00	29.14 -0.32 0.00	26.06 -0.37 0.00	22.87 -0.30 0.00	21.82 -0.26 0.00	27.39 -0.45 0.00	33.11 -0.71 0.00	47.94 -0.98 0.00	52.96 -0.97 0.00	48.40 -0.84 0.00	39.97 -0.53 0.00	36.06 -0.40 0.00	32.43 -0.36 0.00
VALLEY44_115KV_TB2 355964	34.05 -3.78 0.00	31.52 -3.54 0.00	31.00 -3.41 0.00	27.36 -2.61 0.00	27.70 -2.74 0.00	30.61 -2.92 0.00	33.51 -3.03 0.00	33.96 -2.99 0.00	33.07 -3.43 0.00	32.18 -3.55 0.14	28.11 -3.32 0.80	24.77 -3.12 1.57	20.27 -2.46 3.71	18.44 -2.09 2.65	19.80 -2.16 0.12	25.05 -2.42 0.36	30.61 -3.18 0.03	40.49 -4.50 3.93	44.10 -4.80 5.02	41.97 -4.78 2.49	36.14 -3.73 0.63	32.67 -3.79 0.00	29.77 -3.02 0.00
VALLEY___115KV_TB 1-4 80826	38.66 0.83 0.00	35.84 0.77 0.00	35.17 0.76 0.00	30.56 0.60 0.00	31.02 0.58 0.00	34.16 0.64 0.00	37.24 0.69 0.00	37.69 0.74 0.00	37.23 0.73 0.00	36.63 0.75 0.00	32.94 0.71 0.00	30.11 0.65 0.00	27.01 0.58 0.00	23.69 0.51 0.00	22.61 0.53 0.00	28.50 0.67 0.00	34.71 0.88 0.00	50.24 1.32 0.00	55.38 1.46 0.00	50.47 1.23 0.00	41.51 1.01 0.00	37.30 0.84 0.00	33.54 0.75 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.04 1.21 0.00	36.19 1.12 0.00	35.41 1.00 0.00	30.92 0.96 0.00	31.41 0.97 0.00	34.70 1.17 0.00	37.90 1.35 0.00	38.40 1.44 0.00	37.92 1.42 0.00	37.25 1.36 0.00	33.52 1.22 -0.01	30.62 1.03 -0.06	27.56 0.85 -0.12	24.78 0.65 -0.29	22.74 0.64 -0.95	28.75 0.81 -0.01	35.02 1.18 -0.01	51.39 1.96 -0.52	56.53 2.21 -0.39	51.35 1.92 -0.19	42.01 1.46 -0.05	37.66 1.20 0.00	33.84 1.05 0.00
VISCHER___FERRY HYD 24020	39.46 1.63 0.00	36.57 1.51 0.00	35.72 1.31 0.00	31.17 1.20 0.00	31.74 1.31 0.00	35.00 1.47 0.00	38.12 1.57 0.00	38.54 1.59 0.00	38.14 1.64 0.00	37.49 1.62 0.00	33.65 1.42 0.00	30.82 1.36 0.00	27.62 1.19 0.00	24.20 1.02 0.00	23.05 0.97 0.00	29.09 1.25 0.00	35.35 1.52 0.00	51.12 2.20 0.00	56.25 2.32 0.00	51.26 2.02 0.00	42.12 1.62 0.00	37.84 1.39 0.00	33.90 1.12 0.00
V_A_10_SYNC_DSASP 323832	33.44 -4.39 0.00	30.96 -4.10 0.00	30.45 -3.96 0.00	26.88 -3.09 0.00	27.15 -3.29 0.00	29.91 -3.62 0.00	32.60 -3.95 0.00	33.08 -3.88 0.00	32.23 -4.27 0.00	30.75 -4.99 0.14	27.00 -4.38 0.85	23.81 -3.98 1.68	18.81 -3.65 3.97	18.02 -3.24 1.91	19.12 -2.85 0.11	23.68 -3.87 0.29	29.34 -4.47 0.02	37.98 -6.80 4.14	41.31 -7.23 5.39	40.02 -6.55 2.67	34.28 -5.55 0.67	32.01 -4.45 0.00	29.18 -3.61 0.00
V_CMM_10_SYNC_DSASP 323787	37.72 -0.11 0.00	35.03 -0.04 0.00	34.62 0.21 0.00	29.94 -0.03 0.00	30.38 -0.06 0.00	33.46 -0.07 0.00	36.40 -0.15 0.00	36.73 -0.22 0.00	36.32 -0.18 0.00	35.73 -0.14 0.00	32.11 -0.13 0.00	29.35 -0.12 0.00	26.33 -0.11 0.00	23.08 -0.09 0.00	21.97 -0.11 0.00	27.64 -0.19 0.00	33.42 -0.41 0.00	48.43 -0.49 0.00	53.12 -0.81 0.00	48.74 -0.49 0.00	40.05 -0.45 0.00	36.09 -0.36 0.00	32.49 -0.30 0.00
V_CMP_10_SYNC_DSASP 323788	37.41 -0.42 0.00	34.78 -0.28 0.00	34.72 0.31 0.00	29.70 -0.27 0.00	30.16 -0.27 0.00	33.19 -0.34 0.00	36.04 -0.51 0.00	36.33 -0.63 0.00	35.95 -0.55 0.00	35.52 -0.36 0.00	31.98 -0.26 0.00	29.26 -0.21 0.00	26.30 -0.13 0.00	23.06 -0.12 0.00	21.93 -0.15 0.00	27.56 -0.28 0.00	33.29 -0.54 0.00	48.23 -0.68 0.00	53.17 -0.75 0.00	48.45 -0.79 0.00	39.77 -0.73 0.00	35.73 -0.73 0.00	32.16 -0.62 0.00
V_D_10_SYNC_DSASP 323841	37.91 0.08 0.00	35.21 0.14 0.00	34.75 0.34 0.00	30.06 0.09 0.00	30.47 0.03 0.00	33.59 0.07 0.00	36.51 -0.04 0.00	36.84 -0.11 0.00	36.43 -0.07 0.00	35.84 -0.04 0.00	32.20 -0.03 0.00	29.41 -0.06 0.00	26.38 -0.05 0.00	23.13 -0.05 0.00	22.04 -0.04 0.00	27.73 -0.11 0.00	33.49 -0.34 0.00	48.53 -0.39 0.00	53.50 -0.43 0.00	48.89 -0.34 0.00	40.22 -0.28 0.00	36.24 -0.22 0.00	32.62 -0.16 0.00

V_E_10_SYNC_DSASP 323830	38.55 0.72 0.00	35.73 0.67 0.00	35.10 0.69 0.00	30.62 0.66 0.00	31.14 0.70 0.00	34.57 1.04 0.00	37.79 1.24 0.00	38.21 1.26 0.00	37.49 0.99 0.00	36.60 0.72 -0.01	32.82 0.55 -0.03	29.82 0.29 -0.06	26.71 0.13 -0.14	23.58 -0.07 -0.47	22.16 0.07 -0.01	28.17 0.28 -0.05	34.81 0.98 -0.01	51.73 2.30 -0.52	57.03 2.91 -0.19	51.74 2.41 -0.10	42.15 1.62 -0.03	37.74 1.28 0.00	33.90 1.11 0.00
V_F_30_NSYNC_DSASP 323816	39.65 1.82 0.00	36.71 1.65 0.00	35.89 1.48 0.00	31.31 1.35 0.00	31.93 1.49 0.00	35.24 1.71 0.00	38.41 1.86 0.00	38.80 1.85 0.00	38.44 1.93 0.00	37.70 1.83 0.00	33.78 1.55 0.00	30.82 1.36 0.00	27.52 1.08 0.00	24.10 0.93 0.00	22.95 0.86 0.00	29.01 1.17 0.00	35.42 1.59 0.00	51.41 2.49 0.00	56.73 2.80 0.00	51.60 2.36 0.00	42.36 1.86 0.00	38.03 1.57 0.00	34.13 1.34 0.00
V_F_30_SYNC_DSASP 323786	39.61 1.78 0.00	36.68 1.61 0.00	35.82 1.41 0.00	31.28 1.32 0.00	31.84 1.40 0.00	35.10 1.58 0.00	38.23 1.68 0.00	38.62 1.66 0.00	38.25 1.75 0.00	37.67 1.79 0.00	33.78 1.55 0.00	30.88 1.41 0.00	27.67 1.24 0.00	24.27 1.09 0.00	23.10 1.02 0.00	29.12 1.28 0.00	35.45 1.62 0.00	51.22 2.30 0.00	56.36 2.43 0.00	51.35 2.12 0.00	42.24 1.74 0.00	37.95 1.49 0.00	34.06 1.28 0.00
V_XM_10_SYNC_DSASP 323789	37.41 -0.42 0.00	34.78 -0.28 0.00	34.72 0.31 0.00	29.70 -0.27 0.00	30.16 -0.27 0.00	33.19 -0.34 0.00	36.04 -0.51 0.00	36.33 -0.63 0.00	35.95 -0.55 0.00	35.52 -0.36 0.00	31.98 -0.26 0.00	29.26 -0.21 0.00	26.30 -0.13 0.00	23.06 -0.12 0.00	21.93 -0.15 0.00	27.56 -0.28 0.00	33.29 -0.54 0.00	48.23 -0.68 0.00	53.17 -0.75 0.00	48.45 -0.79 0.00	39.77 -0.73 0.00	35.73 -0.73 0.00	32.16 -0.62 0.00
W.BABYLN_69_KV_BK1 56697	41.39 3.56 0.00	37.91 2.84 0.00	36.68 2.27 0.00	32.27 2.31 0.00	32.90 2.47 0.00	36.08 2.55 0.00	39.36 2.81 0.00	39.99 3.03 0.00	39.82 3.32 0.00	39.61 3.73 0.00	35.62 3.38 0.00	32.53 3.06 0.00	29.29 2.85 0.00	25.75 2.57 0.00	24.51 2.43 0.00	30.93 3.09 0.00	37.65 3.82 0.00	53.71 4.79 0.00	58.62 4.69 0.00	53.72 4.48 0.00	44.59 4.09 0.00	39.63 3.17 0.00	35.61 2.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.14 2.31 0.00	37.03 1.96 0.00	35.99 1.58 0.00	31.52 1.56 0.00	32.14 1.70 0.00	35.37 1.84 0.00	38.67 2.12 0.00	39.17 2.22 0.00	38.80 2.30 0.00	38.31 2.44 0.00	34.39 2.16 0.00	31.44 1.97 0.00	28.28 1.85 0.00	24.89 1.72 0.00	23.72 1.63 0.00	29.81 1.98 0.00	36.19 2.37 0.00	52.15 3.23 0.00	57.22 3.29 0.00	52.24 3.00 0.00	42.97 2.47 0.00	38.46 2.01 0.00	34.46 1.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.48 2.65 0.00	37.31 2.24 0.00	36.23 1.82 0.00	31.76 1.80 0.00	32.39 1.95 0.00	35.67 2.15 0.00	39.00 2.45 0.00	39.58 2.62 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.53 2.71 0.00	52.54 3.62 0.00	57.60 3.67 0.00	52.63 3.40 0.00	43.33 2.83 0.00	38.79 2.33 0.00	34.75 1.97 0.00
W50THST__13_KV_LOAD 356117	40.63 2.80 0.00	37.45 2.38 0.00	36.34 1.93 0.00	31.85 1.89 0.00	32.48 2.04 0.00	35.77 2.25 0.00	39.14 2.59 0.00	39.73 2.77 0.00	39.31 2.81 0.00	38.85 2.98 0.00	34.85 2.61 0.00	31.91 2.45 0.00	28.71 2.27 0.00	25.26 2.09 0.00	24.05 1.97 0.00	30.23 2.39 0.00	36.67 2.84 0.00	52.68 3.77 0.00	57.81 3.88 0.00	52.78 3.54 0.00	43.50 3.00 0.00	38.90 2.44 0.00	34.85 2.07 0.00
WADING RIVER_IC_1 23522	41.27 3.44 0.00	37.70 2.63 0.00	36.40 1.99 0.00	32.15 2.19 0.00	32.63 2.19 0.00	35.74 2.21 0.00	38.81 2.27 0.00	39.47 2.51 0.00	39.53 3.03 0.00	39.50 3.62 0.00	35.49 3.25 0.00	32.36 2.89 0.00	29.18 2.75 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.88 3.03 -0.01	37.69 3.85 -0.01	53.52 4.60 0.00	58.24 4.32 0.00	53.52 4.28 0.00	44.47 3.97 0.00	39.56 3.10 0.00	35.57 2.79 0.00
WADING RIVER_IC_2 23547	41.27 3.44 0.00	37.70 2.63 0.00	36.40 1.99 0.00	32.15 2.19 0.00	32.63 2.19 0.00	35.74 2.21 0.00	38.81 2.27 0.00	39.47 2.51 0.00	39.53 3.03 0.00	39.50 3.62 0.00	35.49 3.25 0.00	32.36 2.89 0.00	29.18 2.75 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.88 3.03 -0.01	37.69 3.85 -0.01	53.52 4.60 0.00	58.24 4.32 0.00	53.52 4.28 0.00	44.47 3.97 0.00	39.56 3.10 0.00	35.57 2.79 0.00
WADING RIVER_IC_3 23601	41.27 3.44 0.00	37.70 2.63 0.00	36.40 1.99 0.00	32.15 2.19 0.00	32.63 2.19 0.00	35.74 2.21 0.00	38.81 2.27 0.00	39.47 2.51 0.00	39.53 3.03 0.00	39.50 3.62 0.00	35.49 3.25 0.00	32.36 2.89 0.00	29.18 2.75 0.00	25.61 2.43 0.00	24.45 2.36 0.00	30.88 3.03 -0.01	37.69 3.85 -0.01	53.52 4.60 0.00	58.24 4.32 0.00	53.52 4.28 0.00	44.47 3.97 0.00	39.56 3.10 0.00	35.57 2.79 0.00
WALDENNY_12_KV_BK2 80841	33.33 -4.50 0.00	30.86 -4.21 0.00	30.35 -4.06 0.00	26.85 -3.12 0.00	27.12 -3.32 0.00	29.87 -3.65 0.00	32.56 -3.98 0.00	33.11 -3.84 0.00	32.19 -4.31 0.00	30.95 -4.77 0.16	27.05 -4.29 0.90	23.73 -3.98 1.76	18.82 -3.46 4.15	17.72 -3.04 2.42	19.11 -2.85 0.13	23.84 -3.65 0.35	29.40 -4.40 0.03	37.66 -6.46 4.80	41.45 -6.85 5.63	40.05 -6.40 2.79	34.52 -5.26 0.71	31.87 -4.59 0.00	29.18 -3.61 0.00
WALDEN__HYDRO 24148	39.91 2.08 0.00	36.85 1.79 0.00	35.85 1.45 0.00	31.40 1.44 0.00	31.99 1.55 0.00	35.24 1.71 0.00	38.45 1.90 0.00	38.95 2.00 0.00	38.51 2.01 0.00	38.03 2.15 0.00	34.10 1.87 0.00	31.18 1.71 0.00	28.02 1.59 0.00	24.66 1.48 0.00	23.50 1.41 0.00	29.59 1.75 0.00	35.96 2.13 0.00	51.85 2.94 0.00	56.95 3.02 0.00	51.99 2.76 0.00	42.77 2.27 0.00	38.28 1.82 0.00	34.29 1.51 0.00
WARRENSBURG____ 23737	39.34 1.51 0.00	36.40 1.33 0.00	35.61 1.20 0.00	31.10 1.14 0.00	31.75 1.31 0.00	35.07 1.54 0.00	38.23 1.68 0.00	38.58 1.63 0.00	38.29 1.79 0.00	37.53 1.65 0.00	33.62 1.39 0.00	30.62 1.15 0.00	27.30 0.87 0.00	23.87 0.70 0.00	22.75 0.66 0.00	28.76 0.92 0.00	35.21 1.39 0.00	51.12 2.20 0.00	56.52 2.59 0.00	51.40 2.17 0.00	42.12 1.62 0.00	37.77 1.31 0.00	33.90 1.11 0.00
WATERSIDE____6 8 9 23538	40.55 2.72 0.00	37.38 2.31 0.00	36.23 1.82 0.00	31.79 1.83 0.00	32.35 1.92 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.12 2.28 0.00	36.57 2.74 0.00	52.49 3.57 0.00	57.54 3.61 0.00	52.58 3.35 0.00	43.37 2.88 0.00	38.79 2.33 0.00	34.75 1.97 0.00

WATKINRD_115KV_LN8_ILLLION 55919	38.44 0.61 0.00	35.63 0.56 0.00	34.96 0.55 0.00	30.41 0.45 0.00	30.86 0.43 0.00	34.00 0.47 0.00	37.06 0.51 0.00	37.51 0.55 0.00	37.05 0.55 0.00	36.45 0.57 0.00	32.75 0.52 0.00	29.94 0.47 0.00	26.86 0.42 0.00	23.55 0.37 0.00	22.46 0.38 0.00	28.31 0.47 0.00	34.47 0.64 0.00	49.90 0.98 0.00	55.01 1.08 0.00	50.12 0.89 0.00	41.23 0.73 0.00	37.08 0.62 0.00	33.34 0.56 0.00
WDELAWARE___HYD 323627	40.02 2.19 0.00	36.99 1.93 0.00	35.99 1.58 0.00	31.49 1.53 0.00	32.08 1.64 0.00	35.37 1.84 0.00	38.56 2.01 0.00	39.02 2.07 0.00	38.58 2.08 0.00	38.03 2.15 0.00	34.10 1.87 0.00	31.09 1.62 0.00	27.94 1.51 0.00	24.54 1.37 0.00	23.45 1.37 0.00	29.53 1.70 0.00	35.99 2.17 0.00	52.05 3.13 0.00	57.33 3.40 0.00	52.24 3.00 0.00	42.93 2.43 0.00	38.39 1.93 0.00	34.46 1.67 0.00
WEST BABYLON___IC 23714	41.39 3.56 0.00	37.91 2.84 0.00	36.68 2.27 0.00	32.27 2.31 0.00	32.90 2.47 0.00	36.08 2.55 0.00	39.36 2.81 0.00	39.99 3.03 0.00	39.82 3.32 0.00	39.61 3.73 0.00	35.62 3.38 0.00	32.53 3.06 0.00	29.29 2.85 0.00	25.75 2.57 0.00	24.51 2.43 0.00	30.93 3.09 0.00	37.65 3.82 0.00	53.71 4.79 0.00	58.62 4.69 0.00	53.72 4.48 0.00	44.59 4.09 0.00	39.63 3.17 0.00	35.61 2.82 0.00
WEST CANADA___HYD 24049	37.91 0.08 0.00	35.10 0.04 0.00	34.48 0.07 0.00	30.00 0.03 0.00	30.47 0.03 0.00	33.56 0.03 0.00	36.58 0.04 0.00	36.99 0.04 0.00	36.57 0.07 0.00	35.95 0.07 0.00	32.30 0.06 0.00	29.53 0.06 0.00	26.49 0.05 0.00	23.22 0.05 0.00	22.13 0.04 0.00	27.89 0.06 0.00	33.93 0.10 0.00	49.07 0.15 0.00	54.09 0.16 0.00	49.33 0.10 0.00	40.58 0.08 0.00	36.53 0.07 0.00	32.82 0.03 0.00
WESTERN_NY_WIND 24143	34.39 -3.44 0.00	31.80 -3.26 0.00	31.24 -3.17 0.00	27.63 -2.34 0.00	27.94 -2.50 0.00	30.71 -2.82 0.00	33.48 -3.07 0.00	33.85 -3.10 0.00	32.92 -3.58 0.00	31.39 -3.98 0.51	25.55 -3.61 3.07	20.06 -3.36 6.05	9.04 -3.07 14.32	18.51 -2.73 1.93	19.14 -2.54 0.41	24.06 -3.23 0.54	30.08 -3.72 0.02	40.15 -5.14 3.63	43.07 -5.12 5.74	41.67 -4.73 2.84	35.73 -4.05 0.72	32.96 -3.50 0.00	30.13 -2.66 0.00
WESTOVER___LESR 323668	37.38 -0.45 0.00	34.64 -0.42 0.00	33.96 -0.45 0.00	29.73 -0.24 0.00	30.13 -0.30 0.00	33.23 -0.30 0.00	36.33 -0.22 0.00	36.73 -0.22 0.00	36.14 -0.37 0.00	35.41 -0.50 -0.03	31.90 -0.45 -0.12	29.23 -0.44 -0.21	26.51 -0.40 -0.47	26.41 -0.35 -3.58	21.78 -0.33 -0.03	27.85 -0.36 -0.38	33.50 -0.37 -0.05	50.64 -0.44 -2.16	54.19 -0.38 -0.64	49.17 -0.39 -0.32	40.23 -0.36 -0.09	36.09 -0.36 0.00	32.52 -0.26 0.00
WETHRSFD_WT_PWR 323626	33.89 -3.94 0.00	31.28 -3.79 0.00	30.80 -3.61 0.00	27.18 -2.79 0.00	27.27 -3.17 0.00	29.97 -3.55 0.00	32.71 -3.84 0.00	33.26 -3.70 0.00	32.38 -4.12 0.00	31.10 -4.63 0.14	27.17 -4.26 0.81	23.94 -3.95 1.58	19.22 -3.49 3.72	16.52 -3.13 3.53	18.94 -3.02 0.12	23.66 -3.73 0.45	29.35 -4.43 0.05	33.48 -6.21 9.23	42.31 -6.58 5.04	40.58 -6.16 2.50	34.84 -5.02 0.64	32.08 -4.38 0.00	29.34 -3.44 0.00
WHAVSTOR_138KV_BK127 55557	39.99 2.16 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.02 1.58 0.00	35.27 1.74 0.00	38.52 1.97 0.00	39.06 2.11 0.00	38.65 2.15 0.00	38.21 2.33 0.00	34.30 2.06 0.00	31.35 1.89 0.00	28.20 1.77 0.00	24.82 1.65 0.00	23.65 1.57 0.00	29.73 1.89 0.00	36.09 2.27 0.00	51.95 3.03 0.00	57.00 3.07 0.00	52.04 2.81 0.00	42.81 2.31 0.00	38.35 1.90 0.00	34.36 1.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.99 2.16 0.00	36.92 1.86 0.00	35.89 1.48 0.00	31.43 1.47 0.00	32.02 1.58 0.00	35.27 1.74 0.00	38.52 1.97 0.00	39.06 2.11 0.00	38.65 2.15 0.00	38.21 2.33 0.00	34.30 2.06 0.00	31.35 1.89 0.00	28.20 1.77 0.00	24.82 1.65 0.00	23.65 1.57 0.00	29.73 1.89 0.00	36.09 2.27 0.00	51.95 3.03 0.00	57.00 3.07 0.00	52.04 2.81 0.00	42.81 2.31 0.00	38.35 1.90 0.00	34.36 1.57 0.00
WHITEHAL_115KV_TB1 80871	39.99 2.16 0.00	36.96 1.89 0.00	36.13 1.72 0.00	31.58 1.62 0.00	32.29 1.86 0.00	35.71 2.18 0.00	38.92 2.38 0.00	39.21 2.25 0.00	38.91 2.41 0.00	38.06 2.19 0.00	34.04 1.81 0.00	30.97 1.50 0.00	27.57 1.14 0.00	24.10 0.93 0.00	22.97 0.88 0.00	29.12 1.28 0.00	35.72 1.89 0.00	52.10 3.18 0.00	57.70 3.77 0.00	52.39 3.15 0.00	42.89 2.39 0.00	38.39 1.93 0.00	34.46 1.67 0.00
WHITEPLN_13_KV_LOAD 356215	40.52 2.69 0.00	37.38 2.31 0.00	36.30 1.89 0.00	31.79 1.83 0.00	32.45 2.01 0.00	35.74 2.21 0.00	39.07 2.52 0.00	39.62 2.66 0.00	39.24 2.74 0.00	38.78 2.91 0.00	34.75 2.51 0.00	31.74 2.27 0.00	28.55 2.11 0.00	25.12 1.95 0.00	23.94 1.86 0.00	30.09 2.25 0.00	36.50 2.67 0.00	52.68 3.77 0.00	57.81 3.88 0.00	52.73 3.50 0.00	43.42 2.92 0.00	38.83 2.37 0.00	34.79 2.00 0.00
WM_FLOYD_69_KV_BK2 356380	41.31 3.48 0.00	37.77 2.70 0.00	36.51 2.10 0.00	32.21 2.25 0.00	32.84 2.40 0.00	35.84 2.31 0.00	38.96 2.41 0.00	39.62 2.66 0.00	39.60 3.10 0.00	39.50 3.62 0.00	35.52 3.29 0.00	32.41 2.95 0.00	29.21 2.78 0.00	25.66 2.48 0.00	24.45 2.36 0.00	30.90 3.06 0.00	37.68 3.86 0.00	53.57 4.65 0.00	58.35 4.42 0.00	53.57 4.33 0.00	44.59 4.09 0.00	39.59 3.14 0.00	35.54 2.75 0.00
WOODARD_115KV_TB2 355635	36.85 -0.98 0.00	34.15 -0.91 0.00	33.48 -0.93 0.00	29.25 -0.72 0.00	29.71 -0.73 0.00	32.69 -0.84 0.00	35.71 -0.84 0.00	36.14 -0.81 0.00	35.62 -0.88 0.00	34.91 -0.97 0.00	31.36 -0.87 0.00	28.67 -0.80 0.00	25.69 -0.74 0.00	22.50 -0.67 0.00	21.49 -0.60 0.00	27.09 -0.75 0.00	32.98 -0.85 0.00	47.74 -1.17 0.00	52.80 -1.13 0.00	48.25 -0.98 0.00	39.69 -0.81 0.00	35.84 -0.62 0.00	32.26 -0.52 0.00
WOODMERE_69_KV_BK1 55827	41.01 3.18 0.00	37.66 2.59 0.00	36.47 2.06 0.00	32.06 2.10 0.00	32.69 2.25 0.00	35.91 2.38 0.00	39.18 2.63 0.00	39.80 2.85 0.00	39.60 3.10 0.00	39.35 3.48 0.00	35.36 3.13 0.00	32.35 2.89 0.00	29.13 2.70 0.00	25.61 2.43 0.00	24.38 2.30 0.00	30.70 2.87 0.00	37.24 3.42 0.00	53.27 4.35 0.00	58.30 4.37 0.00	53.32 4.09 0.00	44.14 3.64 0.00	39.30 2.84 0.00	35.28 2.49 0.00
YORK___WARBASSE 23770	40.59 2.76 0.00	37.45 2.38 0.00	36.27 1.86 0.00	31.82 1.86 0.00	32.39 1.95 0.00	35.64 2.11 0.00	38.96 2.41 0.00	39.54 2.59 0.00	39.17 2.66 0.00	38.71 2.83 0.00	34.72 2.48 0.00	31.79 2.33 0.00	28.60 2.17 0.00	25.19 2.02 0.00	23.98 1.90 0.00	30.15 2.31 0.00	36.60 2.77 0.00	52.59 3.67 0.00	57.70 3.77 0.00	52.73 3.50 0.00	43.42 2.92 0.00	38.87 2.41 0.00	34.82 2.03 0.00