

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

03/07/2026

## Generator Data

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST									
59TH STREET_GT_1 24138	68.64 4.07 0.00	35.51 2.25 0.00	35.81 2.18 0.00	36.46 2.27 0.00	39.53 2.50 0.00	43.04 2.71 0.00	34.29 2.17 0.00	36.30 2.36 0.00	38.18 2.64 0.00	34.38 2.61 0.00	34.15 2.56 -1.20	31.78 2.69 -0.09	32.21 2.67 0.00	31.09 2.61 0.00	34.25 2.66 0.00	37.13 2.85 0.00	43.19 3.30 0.00	44.93 3.35 0.00	48.33 3.68 0.00	77.10 5.53 0.00	56.45 4.09 0.00	46.01 3.32 0.00	44.30 3.01 0.00	35.79 2.33 0.00
74TH STREET_GT_1 24260	68.77 4.20 0.00	35.57 2.31 0.00	35.90 2.27 0.00	36.54 2.36 0.00	39.63 2.60 0.00	43.14 2.81 0.00	34.38 2.25 0.00	36.40 2.46 0.00	38.27 2.73 0.00	34.46 2.69 0.00	34.23 2.64 -1.20	31.84 2.76 -0.09	32.28 2.74 0.00	31.16 2.68 0.00	34.32 2.73 0.00	37.21 2.93 0.00	43.28 3.39 0.00	45.04 3.45 0.00	48.44 3.79 0.00	77.30 5.73 0.00	56.58 4.22 0.00	46.12 3.43 0.00	44.40 3.12 0.00	35.86 2.40 0.00
74TH STREET_GT_2 24261	68.77 4.20 0.00	35.57 2.31 0.00	35.90 2.27 0.00	36.54 2.36 0.00	39.63 2.60 0.00	43.14 2.81 0.00	34.38 2.25 0.00	36.40 2.46 0.00	38.27 2.73 0.00	34.46 2.69 0.00	34.23 2.64 -1.20	31.84 2.76 -0.09	32.28 2.74 0.00	31.16 2.68 0.00	34.32 2.73 0.00	37.21 2.93 0.00	43.28 3.39 0.00	45.04 3.45 0.00	48.44 3.79 0.00	77.30 5.73 0.00	56.58 4.22 0.00	46.12 3.43 0.00	44.40 3.12 0.00	35.86 2.40 0.00
ADK HUDSON__FALLS 24011	67.93 3.36 0.00	35.06 1.80 0.00	35.45 1.82 0.00	36.09 1.91 0.00	39.18 2.15 0.00	42.63 2.31 0.00	33.84 1.72 0.00	35.88 1.94 0.00	37.64 2.10 0.00	33.66 1.88 0.00	32.14 1.75 0.00	30.74 1.63 -0.11	30.90 1.37 0.00	29.73 1.25 0.00	32.93 1.34 0.00	35.83 1.55 0.00	41.99 2.10 0.00	43.97 2.38 0.00	47.29 2.64 0.00	75.52 3.96 0.00	55.06 2.69 0.00	44.88 2.19 0.00	43.24 1.96 0.00	35.00 1.54 0.00
ADK RESOURCE__RCVRY 23798	68.15 3.58 0.00	35.15 1.89 0.00	35.54 1.91 0.00	36.19 2.01 0.00	39.32 2.29 0.00	42.79 2.47 0.00	33.91 1.79 0.00	36.00 2.07 0.00	37.80 2.26 0.00	33.81 2.04 0.00	32.28 1.89 0.00	30.84 1.73 -0.11	30.93 1.40 0.00	29.72 1.23 0.00	32.94 1.36 0.00	35.76 1.48 0.00	41.97 2.08 0.00	44.00 2.41 0.00	47.39 2.75 0.00	75.69 4.12 0.00	55.10 2.74 0.00	44.95 2.25 0.00	43.28 1.99 0.00	35.03 1.57 0.00
ADK S GLENS__FALLS 24028	67.93 3.36 0.00	35.06 1.80 0.00	35.45 1.82 0.00	36.09 1.91 0.00	39.18 2.15 0.00	42.63 2.31 0.00	33.84 1.72 0.00	35.88 1.94 0.00	37.64 2.10 0.00	33.66 1.88 0.00	32.14 1.75 0.00	30.74 1.63 -0.11	30.90 1.37 0.00	29.73 1.25 0.00	32.93 1.34 0.00	35.83 1.55 0.00	41.99 2.10 0.00	43.97 2.38 0.00	47.29 2.64 0.00	75.52 3.96 0.00	55.06 2.69 0.00	44.88 2.19 0.00	43.24 1.96 0.00	35.00 1.54 0.00
ADK_NYS__DAM 23527	68.17 3.60 0.00	35.21 1.95 0.00	35.60 1.96 0.00	36.22 2.04 0.00	39.30 2.27 0.00	42.72 2.40 0.00	33.90 1.78 0.00	35.87 1.93 0.00	37.58 2.04 0.00	33.66 1.88 0.00	32.25 1.86 0.00	30.92 1.81 -0.11	31.39 1.87 0.00	30.32 1.83 0.00	33.46 1.87 0.00	36.20 1.92 0.00	42.14 2.25 0.00	43.82 2.24 0.00	46.85 2.21 0.00	74.93 3.37 0.00	54.86 2.49 0.00	44.80 2.11 0.00	43.23 1.94 0.00	35.03 1.57 0.00
AIR_PRODUCTS__DRP 24190	66.97 2.40 0.00	34.62 1.37 0.00	35.04 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.02 1.70 0.00	33.37 1.25 0.00	35.28 1.34 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.70 1.31 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.32 0.00	32.92 1.33 0.00	35.70 1.42 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.31 2.75 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.50 0.00	34.69 1.23 0.00
AKWESSNE_115KV_BK 355683	64.71 0.14 0.00	33.39 0.13 0.00	33.79 0.15 0.00	34.29 0.11 0.00	37.10 0.07 0.00	40.48 0.16 0.00	32.29 0.16 0.00	34.11 0.17 0.00	35.73 0.19 0.00	31.76 -0.02 0.00	30.40 0.01 0.00	28.92 -0.07 0.00	29.55 0.02 0.00	28.45 -0.03 0.00	31.62 0.04 0.00	34.34 0.05 0.00	39.86 -0.03 0.00	41.49 -0.09 0.00	44.40 -0.24 0.00	71.00 -0.57 0.00	52.06 -0.30 0.00	42.55 -0.14 0.00	41.34 0.05 0.00	33.65 0.19 0.00
ALBANY_1_SOLAR 323833	67.34 2.77 0.00	34.79 1.53 0.00	35.21 1.58 0.00	35.82 1.63 0.00	38.83 1.80 0.00	42.24 1.92 0.00	33.57 1.45 0.00	35.47 1.53 0.00	37.14 1.60 0.00	33.16 1.39 0.00	31.75 1.36 0.00	30.42 1.32 -0.11	30.80 1.27 0.00	29.76 1.28 0.00	32.91 1.32 0.00	35.74 1.46 0.00	41.77 1.89 0.00	43.59 2.00 0.00	46.78 2.13 0.00	74.79 3.23 0.00	54.68 2.32 0.00	44.58 1.89 0.00	43.03 1.74 0.00	34.87 1.41 0.00
ALBANY_2_SOLAR 323834	67.32 2.75 0.00	34.77 1.52 0.00	35.20 1.57 0.00	35.81 1.63 0.00	38.81 1.78 0.00	42.23 1.91 0.00	33.56 1.44 0.00	35.45 1.51 0.00	37.13 1.59 0.00	33.15 1.38 0.00	31.74 1.36 0.00	30.42 1.31 -0.11	30.79 1.27 0.00	29.76 1.28 0.00	32.90 1.31 0.00	35.73 1.45 0.00	41.76 1.88 0.00	43.57 1.99 0.00	46.77 2.13 0.00	74.75 3.19 0.00	54.67 2.30 0.00	44.58 1.89 0.00	43.02 1.73 0.00	34.86 1.40 0.00
ALBANY__1 23571	66.97 2.40 0.00	34.62 1.37 0.00	35.04 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.02 1.70 0.00	33.37 1.25 0.00	35.28 1.34 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.70 1.31 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.32 0.00	32.92 1.33 0.00	35.70 1.42 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.31 2.75 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.50 0.00	34.69 1.23 0.00

ALBANY__2 23572	66.97 2.40 0.00	34.62 1.37 0.00	35.04 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.02 1.70 0.00	33.37 1.25 0.00	35.28 1.34 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.70 1.31 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.32 0.00	32.92 1.33 0.00	35.70 1.42 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.31 2.75 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.50 0.00	34.69 1.23 0.00
ALBANY__3 23573	66.97 2.40 0.00	34.62 1.37 0.00	35.04 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.02 1.70 0.00	33.37 1.25 0.00	35.28 1.34 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.70 1.31 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.32 0.00	32.92 1.33 0.00	35.70 1.42 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.31 2.75 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.50 0.00	34.69 1.23 0.00
ALBANY__4 23574	66.97 2.40 0.00	34.62 1.37 0.00	35.04 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.02 1.70 0.00	33.37 1.25 0.00	35.28 1.34 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.70 1.31 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.32 0.00	32.92 1.33 0.00	35.70 1.42 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.31 2.75 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.50 0.00	34.69 1.23 0.00
ALBANY__LFGE 323615	67.31 2.74 0.00	34.78 1.53 0.00	35.19 1.55 0.00	35.80 1.62 0.00	38.81 1.78 0.00	42.20 1.88 0.00	33.53 1.41 0.00	35.43 1.50 0.00	37.17 1.63 0.00	33.27 1.49 0.00	31.84 1.45 0.00	30.57 1.46 -0.11	30.97 1.44 0.00	29.93 1.45 0.00	33.06 1.47 0.00	35.86 1.58 0.00	41.83 1.94 0.00	43.57 1.99 0.00	46.74 2.10 0.00	74.70 3.14 0.00	54.64 2.27 0.00	44.55 1.86 0.00	42.99 1.70 0.00	34.85 1.39 0.00
ALCOA_PA_115KV_PL-6C 55860	65.19 0.62 0.00	33.62 0.36 0.00	33.94 0.31 0.00	34.42 0.24 0.00	37.25 0.22 0.00	40.64 0.32 0.00	32.42 0.30 0.00	34.25 0.31 0.00	35.86 0.32 0.00	31.83 0.06 0.00	30.47 0.08 0.00	28.96 -0.04 0.00	29.58 0.05 0.00	28.51 0.02 0.00	31.71 0.12 0.00	34.42 0.14 0.00	40.01 0.12 0.00	41.64 0.12 0.00	44.55 0.05 0.00	71.42 -0.10 0.00	52.40 0.03 0.00	42.79 0.10 0.00	41.58 0.29 0.00	33.79 0.33 0.00
ALCOA_RYNLDS__DRP 24188	65.19 0.62 0.00	33.62 0.36 0.00	33.94 0.31 0.00	34.42 0.24 0.00	37.24 0.21 0.00	40.65 0.33 0.00	32.42 0.30 0.00	34.26 0.32 0.00	35.86 0.32 0.00	31.83 0.06 0.00	30.47 0.08 0.00	28.96 -0.04 0.00	29.58 0.05 0.00	28.51 0.02 0.00	31.71 0.12 0.00	34.43 0.14 0.00	40.01 0.12 0.00	41.64 0.12 0.00	44.55 0.05 0.00	71.42 -0.14 0.00	52.39 0.02 0.00	42.79 0.10 0.00	41.58 0.29 0.00	33.79 0.33 0.00
ALCOA__DSASP 323711	65.19 0.62 0.00	33.62 0.36 0.00	33.94 0.31 0.00	34.42 0.24 0.00	37.24 0.21 0.00	40.65 0.33 0.00	32.42 0.30 0.00	34.26 0.32 0.00	35.86 0.32 0.00	31.83 0.06 0.00	30.47 0.08 0.00	28.96 -0.04 0.00	29.58 0.05 0.00	28.51 0.02 0.00	31.71 0.12 0.00	34.43 0.14 0.00	40.01 0.12 0.00	41.64 0.12 0.00	44.55 0.05 0.00	71.42 -0.14 0.00	52.39 0.02 0.00	42.79 0.10 0.00	41.58 0.29 0.00	33.79 0.33 0.00
ALLEGHENY__COGEN 23514	38.01 -2.46 24.09	59.54 -1.42 -27.70	50.07 -1.47 -17.91	69.78 -1.47 -37.06	80.16 -1.50 -44.63	85.37 -1.46 -46.51	59.00 -1.06 -27.94	69.07 -1.08 -36.22	58.16 -1.37 -23.99	63.20 -1.96 -33.39	60.16 -2.12 -31.90	63.36 -2.07 -36.43	56.90 -2.10 -29.47	33.48 -1.90 -6.89	62.77 -1.77 -32.95	74.67 -1.51 -41.90	80.92 -1.37 -42.40	78.58 -1.19 -38.18	39.57 -1.50 3.57	35.93 -2.40 33.24	34.90 -1.75 15.72	58.38 -1.64 -17.33	44.98 -1.54 -5.23	32.55 -1.37 -0.46
ALTMONT_115KV_TB 2 55880	66.40 1.83 0.00	34.30 1.04 0.00	34.72 1.08 0.00	35.30 1.12 0.00	38.28 1.25 0.00	41.62 1.30 0.00	33.09 0.98 0.00	34.99 1.05 0.00	36.67 1.13 0.00	32.82 1.05 0.00	31.41 1.02 0.00	30.13 1.02 -0.11	30.52 0.99 0.00	29.47 0.98 0.00	32.58 0.99 0.00	35.33 1.05 0.00	41.21 1.32 0.00	42.97 1.39 0.00	46.14 1.49 0.00	73.75 2.19 0.00	53.95 1.59 0.00	43.99 1.30 0.00	42.47 1.18 0.00	34.41 0.95 0.00
ALTONA_WT_PWR 323606	64.72 0.16 0.00	33.40 0.14 0.00	33.61 -0.03 0.00	33.92 -0.27 0.00	36.55 -0.48 0.00	40.06 -0.26 0.00	31.69 -0.43 0.00	33.55 -0.39 0.00	35.15 -0.39 0.00	31.30 -0.47 0.00	30.00 -0.39 0.00	28.47 -0.52 0.00	29.18 -0.35 0.00	28.08 -0.41 0.00	31.18 -0.41 0.00	33.85 -0.43 0.00	39.25 -0.64 0.00	40.97 -0.62 0.00	43.68 -0.96 0.00	69.95 -1.61 0.00	51.36 -1.01 0.00	41.96 -0.73 0.00	40.71 -0.57 0.00	33.13 -0.33 0.00
AMERICAN_REF_FUEL 24010	16.35 -7.32 40.91	14.49 -3.87 14.90	12.55 -3.88 17.20	17.22 -3.93 13.03	20.58 -4.37 12.08	23.12 -4.61 12.59	17.86 -3.48 10.79	18.65 -3.85 11.44	15.29 -4.07 16.18	15.66 -3.54 12.57	17.60 -3.39 9.40	15.77 -3.38 9.85	18.09 -3.46 7.98	22.80 -3.82 1.87	18.86 -3.56 9.16	18.94 -4.00 11.35	20.83 -5.37 13.69	19.80 -5.78 16.01	13.53 -6.09 25.02	18.63 -10.04 42.89	13.30 -6.59 32.47	17.14 -5.57 19.98	24.25 -4.64 12.39	28.58 -3.85 1.03
ARKWRIGHT__SUMMIT_WT_PWR 323751	8.97 -8.19 47.41	13.36 -4.23 15.67	11.09 -4.08 18.46	17.45 -3.88 12.85	21.13 -4.41 11.49	23.79 -4.21 12.33	17.58 -3.39 11.16	18.58 -3.84 11.52	13.89 -4.36 17.29	15.00 -3.89 12.88	17.37 -3.63 9.39	15.80 -3.47 9.73	18.09 -3.55 7.89	14.72 -3.60 10.16	19.03 -3.50 9.05	19.22 -3.85 11.22	21.06 -4.96 13.86	20.11 -4.77 16.70	11.19 -5.43 28.03	12.95 -8.99 49.62	7.67 -6.28 38.42	13.74 -5.61 23.34	22.83 -4.79 13.66	28.53 -3.79 1.13
ARTHUR KILL_GT_1 23520	68.26 3.69 0.00	35.36 2.10 0.00	35.58 1.95 0.00	36.15 1.97 0.00	39.22 2.19 0.00	42.68 2.35 0.00	34.02 1.90 0.00	36.03 2.09 0.00	37.87 2.33 0.00	34.03 2.26 0.00	33.81 2.22 -1.20	31.44 2.36 -0.09	31.86 2.33 0.00	30.77 2.28 0.00	33.86 2.28 0.00	36.75 2.47 0.00	42.76 2.87 0.00	44.51 2.93 0.00	48.04 3.39 0.00	76.71 5.15 0.00	56.17 3.81 0.00	45.82 3.13 0.00	44.12 2.83 0.00	35.62 2.15 0.00
ARTHUR_KILL_2 23512	68.14 3.58 0.00	35.27 2.01 0.00	35.49 1.85 0.00	36.05 1.87 0.00	39.11 2.08 0.00	42.58 2.25 0.00	33.93 1.81 0.00	35.92 1.98 0.00	37.78 2.24 0.00	33.94 2.17 0.00	33.72 2.13 -1.20	31.36 2.27 -0.09	31.78 2.25 0.00	30.70 2.22 0.00	33.78 2.20 0.00	36.67 2.39 0.00	42.64 2.76 0.00	44.39 2.81 0.00	47.92 3.28 0.00	76.54 4.98 0.00	56.03 3.67 0.00	45.71 3.02 0.00	44.00 2.71 0.00	35.53 2.07 0.00
ARTHUR_KILL_3 23513	68.17 3.61 0.01	35.25 1.99 0.00	35.58 1.95 0.00	36.23 2.04 0.00	39.29 2.26 0.00	42.76 2.44 0.00	34.07 1.95 0.00	36.06 2.12 0.00	37.93 2.39 0.00	34.12 2.34 0.00	33.90 2.31 -1.20	31.55 2.46 -0.09	31.97 2.44 0.00	30.87 2.39 0.00	33.99 2.40 0.00	36.88 2.60 0.00	42.88 2.99 0.00	44.64 3.05 0.00	48.03 3.39 0.00	76.63 5.07 0.00	56.09 3.72 0.00	45.73 3.03 0.00	44.00 2.72 0.00	35.55 2.09 0.00

ARTHUR_KILL_COGEN 323718	68.31 3.74 0.00	35.36 2.10 0.00	35.58 1.95 0.00	36.14 1.96 0.00	39.22 2.18 0.00	42.67 2.35 0.00	34.00 1.88 0.00	36.02 2.08 0.00	37.87 2.32 0.00	34.02 2.25 0.00	33.81 2.22 -1.20	31.43 2.34 -0.09	31.85 2.32 0.00	30.77 2.28 0.00	33.85 2.27 0.00	36.76 2.47 0.00	42.76 2.87 0.00	44.51 2.93 0.00	48.05 3.41 0.00	76.75 5.18 0.00	56.18 3.81 0.00	45.82 3.13 0.00	44.12 2.83 0.00	35.62 2.15 0.00
ASHOKAN____ 23654	68.26 3.69 0.00	35.23 1.98 0.00	35.61 1.97 0.00	36.24 2.06 0.00	39.28 2.25 0.00	42.78 2.46 0.00	34.08 1.95 0.00	36.08 2.14 0.00	37.89 2.35 0.00	33.83 2.06 0.00	32.31 1.93 0.00	31.01 1.91 -0.10	31.34 1.81 0.00	30.20 1.71 0.00	33.27 1.68 0.00	36.10 1.82 0.00	42.46 2.57 0.00	44.47 2.89 0.00	47.90 3.25 0.00	76.56 5.00 0.00	55.88 3.52 0.00	45.47 2.78 0.00	43.74 2.45 0.00	35.36 1.90 0.00
ASTORIA_EAST_ENERGY_CC1 323581	68.44 3.87 0.00	35.45 2.19 0.00	35.66 2.03 0.00	36.21 2.03 0.00	39.32 2.30 0.00	42.77 2.45 0.00	34.11 1.99 0.00	36.12 2.17 0.00	38.00 2.46 0.00	34.17 2.40 0.00	34.00 2.41 -1.20	31.63 2.55 -0.09	32.03 2.50 0.00	30.99 2.50 0.00	34.00 2.42 0.00	36.92 2.64 0.00	42.91 3.02 0.00	44.58 3.00 0.00	47.96 3.32 0.00	76.65 5.08 0.00	56.14 3.78 0.00	45.78 3.09 0.00	44.07 2.78 0.00	35.66 2.20 0.00
ASTORIA_EAST_ENERGY_CC2 323582	68.44 3.87 0.00	35.45 2.19 0.00	35.66 2.02 0.00	36.21 2.03 0.00	39.32 2.30 0.00	42.77 2.45 0.00	34.11 1.99 0.00	36.12 2.17 0.00	38.00 2.46 0.00	34.17 2.40 0.00	34.00 2.41 -1.20	31.63 2.55 -0.09	32.03 2.50 0.00	30.99 2.50 0.00	34.00 2.42 0.00	36.92 2.64 0.00	42.91 3.02 0.00	44.58 3.00 0.00	47.96 3.32 0.00	76.65 5.08 0.00	56.14 3.78 0.00	45.78 3.09 0.00	44.07 2.78 0.00	35.66 2.20 0.00
ASTORIA_GT2_1 24094	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT2_2 24095	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT2_3 24096	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT2_4 24097	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT3_1 24098	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT3_2 24099	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT3_3 24100	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT3_4 24101	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT4_1 24102	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT4_2 24103	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT4_3 24104	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00

ASTORIA_GT4_4 24105	68.43 3.86 0.00	35.49 2.23 0.00	35.69 2.06 0.00	36.25 2.07 0.00	39.35 2.31 0.00	42.80 2.48 0.00	34.14 2.01 0.00	36.14 2.20 0.00	38.02 2.48 0.00	34.19 2.42 0.00	34.02 2.43 -1.20	31.67 2.59 -0.09	32.06 2.53 0.00	30.99 2.51 0.00	34.03 2.45 0.00	36.94 2.66 0.00	42.94 3.05 0.00	44.62 3.04 0.00	47.97 3.33 0.00	76.65 5.09 0.00	56.16 3.79 0.00	45.78 3.09 0.00	44.10 2.81 0.00	35.67 2.21 0.00
ASTORIA_GT_1 23523	68.55 3.99 0.00	35.55 2.29 0.00	35.74 2.11 0.00	36.31 2.13 0.00	39.41 2.38 0.00	42.87 2.54 0.00	34.19 2.07 0.00	36.19 2.25 0.00	38.08 2.54 0.00	34.25 2.48 0.00	34.09 2.50 -1.20	31.73 2.64 -0.09	32.11 2.58 0.00	31.05 2.56 0.00	34.10 2.51 0.00	37.00 2.72 0.00	43.01 3.12 0.00	44.69 3.11 0.00	48.06 3.41 0.00	76.78 5.21 0.00	56.26 3.89 0.00	45.86 3.17 0.00	44.17 2.88 0.00	35.72 2.26 0.00
ASTORIA_GT_10 24110	68.52 3.95 0.00	35.47 2.21 0.00	35.78 2.15 0.00	36.43 2.25 0.00	39.52 2.49 0.00	43.01 2.69 0.00	34.28 2.16 0.00	36.30 2.35 0.00	38.17 2.63 0.00	34.34 2.57 0.00	34.13 2.54 -1.20	31.75 2.67 -0.09	32.16 2.63 0.00	31.07 2.59 0.00	34.20 2.62 0.00	37.08 2.80 0.00	43.13 3.24 0.00	44.85 3.27 0.00	48.25 3.61 0.00	76.98 5.42 0.00	56.43 4.06 0.00	45.98 3.29 0.00	44.27 2.98 0.00	35.76 2.31 0.00
ASTORIA_GT_11 24225	68.52 3.95 0.00	35.47 2.21 0.00	35.78 2.15 0.00	36.43 2.25 0.00	39.52 2.49 0.00	43.01 2.69 0.00	34.28 2.16 0.00	36.30 2.35 0.00	38.17 2.63 0.00	34.34 2.57 0.00	34.13 2.54 -1.20	31.75 2.67 -0.09	32.16 2.63 0.00	31.07 2.59 0.00	34.20 2.62 0.00	37.08 2.80 0.00	43.13 3.24 0.00	44.85 3.27 0.00	48.25 3.61 0.00	76.98 5.42 0.00	56.43 4.06 0.00	45.98 3.29 0.00	44.27 2.98 0.00	35.76 2.31 0.00
ASTORIA_GT_12 24226	68.52 3.95 0.00	35.47 2.21 0.00	35.78 2.15 0.00	36.43 2.25 0.00	39.52 2.49 0.00	43.01 2.69 0.00	34.28 2.16 0.00	36.30 2.35 0.00	38.17 2.63 0.00	34.34 2.57 0.00	34.13 2.54 -1.20	31.75 2.67 -0.09	32.16 2.63 0.00	31.07 2.59 0.00	34.20 2.62 0.00	37.08 2.80 0.00	43.13 3.24 0.00	44.85 3.27 0.00	48.25 3.61 0.00	76.98 5.42 0.00	56.43 4.06 0.00	45.98 3.29 0.00	44.27 2.98 0.00	35.76 2.31 0.00
ASTORIA_GT_13 24227	68.52 3.95 0.00	35.47 2.21 0.00	35.78 2.15 0.00	36.43 2.25 0.00	39.52 2.49 0.00	43.01 2.69 0.00	34.28 2.16 0.00	36.30 2.35 0.00	38.17 2.63 0.00	34.34 2.57 0.00	34.13 2.54 -1.20	31.75 2.67 -0.09	32.16 2.63 0.00	31.07 2.59 0.00	34.20 2.62 0.00	37.08 2.80 0.00	43.13 3.24 0.00	44.85 3.27 0.00	48.25 3.61 0.00	76.98 5.42 0.00	56.43 4.06 0.00	45.98 3.29 0.00	44.27 2.98 0.00	35.76 2.31 0.00
ASTORIA_GT_5 24106	68.55 3.99 0.00	35.55 2.29 0.00	35.74 2.11 0.00	36.31 2.13 0.00	39.41 2.38 0.00	42.87 2.54 0.00	34.19 2.07 0.00	36.19 2.25 0.00	38.08 2.54 0.00	34.25 2.48 0.00	34.09 2.50 -1.20	31.73 2.64 -0.09	32.11 2.58 0.00	31.05 2.56 0.00	34.10 2.51 0.00	37.00 2.72 0.00	43.01 3.12 0.00	44.69 3.11 0.00	48.06 3.41 0.00	76.78 5.21 0.00	56.26 3.89 0.00	45.86 3.17 0.00	44.17 2.88 0.00	35.72 2.26 0.00
ASTORIA_GT_7 24107	68.55 3.99 0.00	35.55 2.29 0.00	35.74 2.11 0.00	36.31 2.13 0.00	39.41 2.38 0.00	42.87 2.54 0.00	34.19 2.07 0.00	36.19 2.25 0.00	38.08 2.54 0.00	34.25 2.48 0.00	34.09 2.50 -1.20	31.73 2.64 -0.09	32.11 2.58 0.00	31.05 2.56 0.00	34.10 2.51 0.00	37.00 2.72 0.00	43.01 3.12 0.00	44.69 3.11 0.00	48.06 3.41 0.00	76.78 5.21 0.00	56.26 3.89 0.00	45.86 3.17 0.00	44.17 2.88 0.00	35.72 2.26 0.00
ASTORIA_GT_8 24108	68.55 3.99 0.00	35.55 2.29 0.00	35.74 2.11 0.00	36.31 2.13 0.00	39.41 2.38 0.00	42.87 2.54 0.00	34.19 2.07 0.00	36.19 2.25 0.00	38.08 2.54 0.00	34.25 2.48 0.00	34.09 2.50 -1.20	31.73 2.64 -0.09	32.11 2.58 0.00	31.05 2.56 0.00	34.10 2.51 0.00	37.00 2.72 0.00	43.01 3.12 0.00	44.69 3.11 0.00	48.06 3.41 0.00	76.78 5.21 0.00	56.26 3.89 0.00	45.86 3.17 0.00	44.17 2.88 0.00	35.72 2.26 0.00
ASTORIA___2 24149	68.50 3.93 0.00	35.47 2.21 0.00	35.68 2.04 0.00	36.23 2.05 0.00	39.35 2.32 0.00	42.79 2.46 0.00	34.13 2.00 0.00	36.13 2.19 0.00	38.02 2.48 0.00	34.18 2.41 0.00	34.01 2.43 -1.20	31.65 2.56 -0.09	32.04 2.51 0.00	30.99 2.50 0.00	34.02 2.44 0.00	36.93 2.64 0.00	42.92 3.03 0.00	44.61 3.03 0.00	47.99 3.35 0.00	76.67 5.11 0.00	56.16 3.80 0.00	45.80 3.11 0.00	44.09 2.81 0.00	35.67 2.21 0.00
ASTORIA___3 23516	68.56 3.99 0.00	35.46 2.20 0.00	35.78 2.14 0.00	36.42 2.23 0.00	39.52 2.48 0.00	43.00 2.68 0.00	34.27 2.15 0.00	36.29 2.35 0.00	38.17 2.63 0.00	34.33 2.56 0.00	34.12 2.53 -1.20	31.74 2.66 -0.09	32.16 2.63 0.00	31.07 2.58 0.00	34.19 2.60 0.00	37.09 2.80 0.00	43.12 3.24 0.00	44.86 3.27 0.00	48.26 3.62 0.00	77.01 5.45 0.00	56.43 4.06 0.00	46.00 3.31 0.00	44.26 2.98 0.00	35.77 2.30 0.00
ASTORIA___4 23517	68.52 3.95 0.00	35.47 2.21 0.00	35.78 2.15 0.00	36.43 2.25 0.00	39.52 2.49 0.00	43.01 2.69 0.00	34.28 2.16 0.00	36.30 2.35 0.00	38.17 2.63 0.00	34.34 2.57 0.00	34.13 2.54 -1.20	31.75 2.67 -0.09	32.16 2.63 0.00	31.07 2.59 0.00	34.20 2.62 0.00	37.08 2.80 0.00	43.13 3.24 0.00	44.85 3.27 0.00	48.25 3.61 0.00	76.98 5.42 0.00	56.43 4.06 0.00	45.98 3.29 0.00	44.27 2.98 0.00	35.76 2.31 0.00
ASTORIA___5 23518	68.56 3.99 0.00	35.46 2.20 0.00	35.78 2.14 0.00	36.42 2.24 0.00	39.52 2.48 0.00	43.00 2.68 0.00	34.27 2.15 0.00	36.29 2.35 0.00	38.17 2.63 0.00	34.33 2.56 0.00	34.12 2.53 -1.20	31.74 2.66 -0.09	32.16 2.63 0.00	31.07 2.59 0.00	34.19 2.60 0.00	37.09 2.80 0.00	43.12 3.24 0.00	44.86 3.27 0.00	48.26 3.62 0.00	77.01 5.45 0.00	56.43 4.06 0.00	46.00 3.31 0.00	44.26 2.98 0.00	35.77 2.30 0.00
AST_ENERGY_2_CC3 323677	68.42 3.86 0.00	35.37 2.11 0.00	35.68 2.05 0.00	36.31 2.12 0.00	39.37 2.34 0.00	42.85 2.53 0.00	34.15 2.03 0.00	36.15 2.21 0.00	38.02 2.47 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.49 0.00	36.97 2.68 0.00	42.98 3.09 0.00	44.72 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.85 0.00	45.84 3.15 0.00	44.12 2.83 0.00	35.64 2.18 0.00
AST_ENERGY_2_CC4 323678	68.42 3.86 0.00	35.37 2.11 0.00	35.68 2.05 0.00	36.31 2.12 0.00	39.37 2.34 0.00	42.85 2.53 0.00	34.15 2.03 0.00	36.15 2.21 0.00	38.02 2.47 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.49 0.00	36.97 2.68 0.00	42.98 3.09 0.00	44.72 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.85 0.00	45.84 3.15 0.00	44.12 2.83 0.00	35.64 2.18 0.00

ATHENS_STG_1 23668	66.54 1.97 0.00	34.62 1.37 0.00	34.95 1.32 0.00	35.55 1.36 0.00	38.54 1.51 0.00	41.93 1.61 0.00	33.29 1.17 0.00	35.18 1.24 0.00	36.98 1.44 0.00	33.23 1.45 0.00	32.26 1.46 -0.42	30.69 1.60 -0.09	31.10 1.57 0.00	30.06 1.57 0.00	33.09 1.51 0.00	35.86 1.58 0.00	41.76 1.87 0.00	43.48 1.90 0.00	46.79 2.14 0.00	74.69 3.13 0.00	54.62 2.25 0.00	44.52 1.83 0.00	42.90 1.61 0.00	34.70 1.24 0.00
ATHENS_STG_2 23670	66.54 1.97 0.00	34.62 1.37 0.00	34.95 1.32 0.00	35.55 1.36 0.00	38.54 1.51 0.00	41.93 1.61 0.00	33.29 1.17 0.00	35.18 1.24 0.00	36.98 1.44 0.00	33.23 1.45 0.00	32.26 1.46 -0.42	30.69 1.60 -0.09	31.10 1.57 0.00	30.06 1.57 0.00	33.09 1.51 0.00	35.86 1.58 0.00	41.76 1.87 0.00	43.48 1.90 0.00	46.79 2.14 0.00	74.69 3.13 0.00	54.62 2.25 0.00	44.52 1.83 0.00	42.90 1.61 0.00	34.70 1.24 0.00
ATHENS_STG_3 23677	66.54 1.97 0.00	34.62 1.37 0.00	34.95 1.32 0.00	35.55 1.36 0.00	38.54 1.51 0.00	41.93 1.61 0.00	33.29 1.17 0.00	35.18 1.24 0.00	36.98 1.44 0.00	33.23 1.45 0.00	32.26 1.46 -0.42	30.69 1.60 -0.09	31.10 1.57 0.00	30.06 1.57 0.00	33.09 1.51 0.00	35.86 1.58 0.00	41.76 1.87 0.00	43.48 1.90 0.00	46.79 2.14 0.00	74.69 3.13 0.00	54.62 2.25 0.00	44.52 1.83 0.00	42.90 1.61 0.00	34.70 1.24 0.00
AUBURN___LFGE 323710	50.54 -1.31 12.72	30.51 -0.64 2.11	29.56 -0.55 3.52	32.74 -0.59 0.86	36.46 -0.57 0.00	39.74 -0.59 0.00	30.84 -0.43 0.85	32.92 -0.55 0.47	32.29 -0.55 2.71	30.18 -0.59 1.01	29.50 -0.67 0.22	28.29 -0.72 -0.01	28.71 -0.82 0.00	27.78 -0.70 0.00	31.11 -0.48 0.00	33.83 -0.45 0.00	38.79 -0.51 0.59	39.63 -0.47 1.49	36.69 -0.54 7.41	56.06 -1.23 14.27	41.40 -0.93 10.03	37.72 -0.69 4.29	37.50 -0.67 3.11	32.67 -0.54 0.26
BABYLON_RES_REC 323704	69.32 4.75 0.00	35.85 2.59 0.00	36.13 2.50 0.00	36.73 2.55 0.00	39.87 2.84 0.00	43.45 3.13 0.00	34.50 2.38 0.00	36.42 2.48 0.00	38.37 2.83 0.00	34.73 2.96 0.00	34.48 2.89 -1.20	32.01 2.92 -0.09	32.35 2.82 0.00	31.22 2.73 0.00	34.29 2.70 0.00	37.09 2.80 0.00	43.20 3.31 0.00	45.03 3.45 0.00	48.52 3.87 0.00	76.97 5.40 0.00	56.44 4.08 0.00	46.19 3.50 0.00	44.52 3.24 0.00	35.93 2.46 0.00
BALL_HILL_WT_PWR 323825	10.14 -6.75 47.68	11.36 -3.51 18.39	9.29 -3.49 20.86	14.23 -3.39 16.57	17.62 -3.73 15.68	20.32 -3.78 16.23	15.60 -2.99 13.53	16.08 -3.32 14.54	12.06 -3.68 19.80	12.77 -3.20 15.80	15.36 -3.03 12.00	13.39 -2.94 12.66	16.29 -2.98 10.26	22.10 -3.03 3.35	16.96 -2.92 11.71	16.44 -3.26 14.58	18.18 -4.34 17.37	17.11 -4.48 19.99	10.30 -4.88 29.46	13.79 -8.01 49.76	8.63 -5.57 38.16	13.61 -4.75 24.33	22.41 -4.09 14.78	28.98 -3.25 1.23
BARON_WINDS___WT_PWR 323822	-45.97 -6.28 104.26	-43.00 -3.30 72.96	-43.00 -3.36 73.27	-43.00 -3.38 73.80	-42.87 -3.47 76.43	-43.00 -3.69 79.63	-28.25 -3.02 57.35	-36.82 -3.11 67.65	-41.12 -3.39 73.27	-40.67 -3.08 69.36	-29.97 -3.12 57.24	-36.31 -2.98 62.33	-24.01 -3.09 50.44	13.71 -2.98 11.80	-28.01 -2.78 56.82	-40.48 -3.03 71.74	-43.00 -3.54 79.34	-43.83 -3.42 82.00	-43.00 -4.10 83.55	-45.15 -6.54 110.17	-42.13 -4.98 89.51	-41.87 -4.04 80.52	-9.11 -3.99 46.41	26.32 -3.23 3.91
BARRETT_IC_1 23704	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_10 23701	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_11 23702	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_12 23703	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_2 23705	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_3 23706	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_4 23707	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_5 23708	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00

BARRETT_IC_6 23709	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_7 23710	68.16 3.59 0.00	35.42 2.15 0.00	35.71 2.07 0.00	36.40 2.22 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.99 1.86 0.00	35.92 1.98 0.00	37.75 2.21 0.00	34.26 2.49 0.00	34.05 2.46 -1.20	31.62 2.53 -0.09	31.99 2.46 0.00	30.88 2.40 0.00	33.98 2.40 0.00	36.77 2.49 0.00	42.74 2.85 0.00	44.44 2.86 0.00	47.83 3.19 0.00	75.98 4.42 0.00	55.79 3.43 0.00	45.71 3.02 0.00	44.06 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_8 23711	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT_IC_9 23700	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT__1 23545	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BARRETT__2 23546	68.47 3.90 0.00	35.41 2.15 0.00	35.71 2.07 0.00	36.39 2.20 0.00	39.52 2.49 0.00	42.99 2.67 0.00	33.98 1.86 0.00	35.90 1.96 0.00	37.76 2.21 0.00	34.26 2.49 0.00	34.04 2.46 -1.20	31.61 2.53 -0.09	31.99 2.46 0.00	30.88 2.39 0.00	33.97 2.38 0.00	36.77 2.49 0.00	42.73 2.84 0.00	44.44 2.85 0.00	47.84 3.20 0.00	76.05 4.49 0.00	55.81 3.45 0.00	45.73 3.04 0.00	44.05 2.77 0.00	35.62 2.16 0.00
BATAVIA__115KV_TB1 55881	26.61 -4.13 33.83	19.82 -2.35 11.09	17.97 -2.36 13.31	22.55 -2.40 9.24	26.17 -2.66 8.20	29.03 -2.75 8.54	22.42 -1.97 7.73	23.75 -2.21 7.98	20.98 -2.31 12.25	20.21 -2.57 9.00	21.38 -2.53 6.48	19.68 -2.64 6.68	21.53 -2.59 5.41	24.64 -2.58 1.27	23.02 -2.29 6.27	24.10 -2.48 7.69	27.07 -3.25 9.57	26.63 -3.37 11.58	20.84 -3.38 20.42	30.06 -5.65 35.85	21.73 -3.82 26.81	23.80 -3.31 15.58	28.70 -2.73 9.86	30.36 -2.28 0.82
BAYONEEC__CTG1 323682	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BAYONEEC__CTG10 323750	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BAYONEEC__CTG2 323683	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BAYONEEC__CTG3 323684	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BAYONEEC__CTG4 323685	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BAYONEEC__CTG5 323686	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BAYONEEC__CTG6 323687	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BAYONEEC__CTG7 323688	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00

BAYONEEC___CTG8 323689	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BAYONEEC___CTG9 323749	68.40 3.83 0.00	35.36 2.10 0.00	35.67 2.04 0.00	36.31 2.13 0.00	39.38 2.34 0.00	42.87 2.54 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.03 2.48 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.50 0.00	36.97 2.69 0.00	42.98 3.10 0.00	44.71 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.86 0.00	45.85 3.16 0.00	44.12 2.84 0.00	35.64 2.18 0.00
BEACON___LESR 323632	67.63 3.06 0.00	34.97 1.71 0.00	35.37 1.74 0.00	35.99 1.81 0.00	39.01 1.99 0.00	42.44 2.12 0.00	33.73 1.61 0.00	35.66 1.72 0.00	37.41 1.87 0.00	33.48 1.70 0.00	32.05 1.66 0.00	30.75 1.65 -0.11	31.15 1.62 0.00	30.07 1.58 0.00	33.20 1.62 0.00	36.04 1.75 0.00	42.07 2.19 0.00	43.85 2.27 0.00	47.08 2.43 0.00	75.23 3.67 0.00	54.98 2.61 0.00	44.81 2.12 0.00	43.20 1.91 0.00	35.02 1.56 0.00
BEAVER RIVER___HYD 24048	63.17 -1.39 0.00	32.46 -0.80 0.00	32.80 -0.84 0.00	33.63 -0.56 0.00	36.34 -0.69 0.00	39.52 -0.80 0.00	31.37 -0.75 0.00	33.21 -0.73 0.00	34.37 -1.17 0.00	30.47 -1.30 0.00	29.35 -1.04 0.00	27.54 -1.46 0.00	27.83 -1.70 0.00	26.94 -1.55 0.00	30.24 -1.34 0.00	32.98 -1.30 0.00	38.77 -1.12 0.00	40.60 -0.98 0.00	43.95 -0.70 0.00	69.90 -1.66 0.00	50.82 -1.54 0.00	41.51 -1.18 0.00	40.65 -0.64 0.00	32.56 -0.91 0.00
BEEBEE_GT_13 23619	40.01 -3.20 21.36	28.15 -1.76 3.35	26.27 -1.78 5.59	31.01 -1.81 1.36	35.04 -1.99 0.00	38.25 -2.08 0.00	29.17 -1.50 1.45	31.54 -1.66 0.74	29.42 -1.74 4.38	28.46 -1.71 1.60	28.34 -1.70 0.34	27.30 -1.70 -0.01	27.86 -1.67 0.00	26.91 -1.57 0.00	30.01 -1.58 0.00	32.72 -1.56 0.00	36.88 -2.02 1.00	36.92 -2.11 2.55	30.64 -2.24 11.76	44.35 -3.80 23.42	33.00 -2.76 16.60	33.40 -2.36 6.93	34.23 -2.10 4.96	31.36 -1.69 0.41
BENSHRST_27_KV_BENSHRST_1 355998	68.72 4.15 0.00	35.57 2.31 0.00	35.86 2.23 0.00	36.49 2.30 0.00	39.59 2.55 0.00	43.09 2.77 0.00	34.34 2.22 0.00	36.38 2.44 0.00	38.27 2.73 0.00	34.42 2.65 0.00	34.20 2.61 -1.20	31.83 2.75 -0.09	32.25 2.72 0.00	31.15 2.66 0.00	34.30 2.71 0.00	37.20 2.92 0.00	43.27 3.38 0.00	45.01 3.42 0.00	48.49 3.84 0.00	77.40 5.84 0.00	56.69 4.32 0.00	46.22 3.53 0.00	44.50 3.21 0.00	35.93 2.47 0.00
BETHLEHEM___GRP 23843	66.97 2.40 0.00	34.62 1.37 0.00	35.04 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.02 1.70 0.00	33.37 1.25 0.00	35.28 1.34 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.70 1.31 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.32 0.00	32.92 1.33 0.00	35.70 1.42 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.31 2.75 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.50 0.00	34.69 1.23 0.00
BETHLEHEM___GS1 323560	66.98 2.41 0.00	34.63 1.37 0.00	35.03 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.03 1.70 0.00	33.37 1.25 0.00	35.27 1.33 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.69 1.30 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.33 0.00	32.92 1.33 0.00	35.69 1.41 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.32 2.76 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.49 0.00	34.69 1.23 0.00
BETHLEHEM___GS2 323561	66.98 2.41 0.00	34.63 1.37 0.00	35.03 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.03 1.70 0.00	33.37 1.25 0.00	35.27 1.33 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.69 1.30 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.33 0.00	32.92 1.33 0.00	35.69 1.41 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.32 2.76 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.49 0.00	34.69 1.23 0.00
BETHLEHEM___GS3 323562	66.98 2.41 0.00	34.63 1.37 0.00	35.03 1.40 0.00	35.64 1.46 0.00	38.64 1.61 0.00	42.03 1.70 0.00	33.37 1.25 0.00	35.27 1.33 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.69 1.30 0.00	30.43 1.32 -0.11	30.85 1.32 0.00	29.81 1.33 0.00	32.92 1.33 0.00	35.69 1.41 0.00	41.62 1.73 0.00	43.35 1.76 0.00	46.51 1.87 0.00	74.32 2.76 0.00	54.37 2.00 0.00	44.33 1.64 0.00	42.78 1.49 0.00	34.69 1.23 0.00
BETHLEHEM___STEEL 23779	12.47 -5.88 46.21	12.47 -3.24 17.55	10.42 -3.25 19.96	15.33 -3.26 15.59	18.75 -3.62 14.67	21.29 -3.74 15.29	16.43 -2.82 12.87	17.06 -3.10 13.78	13.23 -3.37 18.94	13.84 -2.92 15.01	16.22 -2.81 11.36	14.22 -2.81 11.96	17.02 -2.82 9.69	23.35 -2.87 2.27	17.70 -2.81 11.08	17.39 -3.11 13.78	19.28 -4.13 16.47	18.18 -4.37 19.04	11.59 -4.61 28.45	15.87 -7.42 48.27	10.40 -5.13 36.83	15.16 -4.34 23.19	23.35 -3.70 14.23	29.36 -2.92 1.18
BETHLHEM_115KV_TB1 79974	66.52 1.96 0.00	34.37 1.11 0.00	34.79 1.15 0.00	35.38 1.20 0.00	38.36 1.33 0.00	41.71 1.38 0.00	33.16 1.03 0.00	35.05 1.11 0.00	36.73 1.19 0.00	32.89 1.12 0.00	31.48 1.09 -0.11	30.22 1.11 0.00	30.64 1.11 0.00	29.59 1.11 0.00	32.70 1.11 0.00	35.46 1.18 0.00	41.32 1.44 0.00	43.07 1.49 0.00	46.22 1.58 0.00	73.89 2.32 0.00	54.05 1.69 0.00	44.06 1.37 0.00	42.54 1.26 0.00	34.47 1.01 0.00
BETHPAGE_CC_5 323564	68.76 4.19 0.00	35.56 2.30 0.00	35.85 2.22 0.00	36.46 2.27 0.00	39.57 2.54 0.00	43.10 2.77 0.00	34.22 2.10 0.00	36.15 2.21 0.00	38.06 2.51 0.00	34.45 2.67 0.00	34.21 2.62 -1.20	31.77 2.68 -0.09	32.13 2.60 0.00	31.00 2.52 0.00	34.08 2.50 0.00	36.87 2.59 0.00	42.87 2.98 0.00	44.61 3.03 0.00	48.05 3.40 0.00	76.37 4.80 0.00	56.03 3.67 0.00	45.83 3.14 0.00	44.18 2.89 0.00	35.65 2.20 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.59 -5.61 46.36	13.17 -3.10 16.99	11.02 -3.11 19.50	16.14 -3.12 14.92	19.66 -3.47 13.91	22.23 -3.58 14.51	17.06 -2.67 12.39	17.85 -2.94 13.15	13.90 -3.20 18.43	14.60 -2.77 14.40	16.91 -2.66 10.81	14.96 -2.68 11.35	17.66 -2.67 9.20	23.63 -2.71 2.15	18.44 -2.63 10.52	18.28 -2.93 13.08	20.23 -3.91 15.75	19.05 -4.15 18.38	12.11 -4.35 28.18	16.15 -7.02 48.40	10.70 -4.83 36.83	15.86 -4.09 22.74	23.78 -3.50 14.01	29.55 -2.74 1.16
BINGHAMTON___COGEN 23790	107.21 -1.27 -43.91	39.92 -0.57 -7.23	45.13 -0.57 -12.06	36.57 -0.54 -2.93	36.48 -0.56 -0.01	39.73 -0.59 0.00	34.59 -0.47 -2.94	35.05 -0.49 -1.60	44.26 -0.58 -9.30	34.79 -0.44 -3.45	30.67 -0.46 -0.75	28.57 -0.46 -0.03	29.01 -0.52 0.00	28.00 -0.49 0.00	31.19 -0.40 0.00	33.90 -0.38 0.00	41.36 -0.57 -2.04	46.19 -0.54 -5.15	69.44 -0.57 -25.37	119.56 -1.09 -49.08	86.08 -0.83 -34.55	56.72 -0.67 -14.71	51.28 -0.66 -10.66	33.81 -0.54 -0.88

BIXINCNT_115KV_LOAD 355685	10.68 -6.84 47.05	15.56 -3.69 14.00	12.83 -3.70 17.10	19.31 -3.55 11.32	23.35 -3.89 9.80	26.01 -4.06 10.25	19.53 -2.84 9.76	20.99 -3.22 9.74	16.10 -3.70 15.74	17.47 -3.16 11.14	19.49 -3.04 7.85	17.88 -3.10 8.02	20.22 -2.81 6.50	25.26 -2.62 0.60	21.56 -2.54 7.48	22.24 -2.80 9.25	24.09 -3.99 11.80	22.34 -4.48 14.77	13.51 -4.23 26.90	15.53 -6.85 49.17	10.22 -5.42 36.72	17.86 -4.62 20.22	24.00 -4.40 12.89	29.18 -3.21 1.07
BLACK RIVER___HYD 24047	62.55 -2.02 0.00	32.06 -1.20 0.00	32.42 -1.21 0.00	33.15 -1.03 0.00	35.85 -1.18 0.00	39.17 -1.15 0.00	31.11 -1.02 0.00	32.96 -0.98 0.00	33.78 -1.77 0.00	30.03 -1.74 0.00	29.09 -1.30 0.00	27.09 -1.91 0.00	27.28 -2.25 0.00	26.44 -2.04 0.00	29.78 -1.80 0.00	32.65 -1.63 0.00	38.52 -1.37 0.00	40.37 -1.21 0.00	43.63 -1.01 0.00	69.44 -2.13 0.00	50.50 -1.87 0.00	41.13 -1.56 0.00	40.35 -0.94 0.00	32.28 -1.18 0.00
BLACKRVR_115KV_TB2 79977	62.55 -2.02 0.00	32.06 -1.20 0.00	32.42 -1.21 0.00	33.15 -1.03 0.00	35.85 -1.18 0.00	39.18 -1.15 0.00	31.10 -1.02 0.00	32.96 -0.98 0.00	33.78 -1.77 0.00	30.03 -1.74 0.00	29.09 -1.30 0.00	27.09 -1.91 0.00	27.28 -2.25 0.00	26.44 -2.04 0.00	29.79 -1.80 0.00	32.66 -1.63 0.00	38.52 -1.37 0.00	40.38 -1.21 0.00	43.63 -1.02 0.00	69.43 -2.13 0.00	50.50 -1.87 0.00	41.13 -1.56 0.00	40.35 -0.94 0.00	32.28 -1.18 0.00
BLDWN_LI_69_KV_BK4 356085	68.68 4.12 0.00	35.62 2.36 0.00	35.91 2.27 0.00	36.55 2.37 0.00	39.67 2.64 0.00	43.21 2.89 0.00	34.26 2.14 0.00	36.21 2.27 0.00	38.10 2.56 0.00	34.50 2.73 0.00	34.26 2.67 -1.20	31.81 2.73 -0.09	32.18 2.65 0.00	31.06 2.57 0.00	34.18 2.60 0.00	37.01 2.73 0.00	43.06 3.17 0.00	44.82 3.23 0.00	48.24 3.60 0.00	76.65 5.09 0.00	56.25 3.89 0.00	46.01 3.32 0.00	44.33 3.05 0.00	35.80 2.34 0.00
BLISS_WT_PWR 323608	9.80 -7.71 47.05	15.24 -4.02 14.00	12.51 -4.02 17.10	19.03 -3.83 11.32	23.06 -4.18 9.80	25.70 -4.38 10.25	19.34 -3.02 9.76	20.77 -3.43 9.74	15.79 -4.01 15.74	17.25 -3.39 11.14	19.26 -3.27 7.85	17.67 -3.31 8.02	20.07 -2.96 6.50	25.14 -2.75 0.60	21.50 -2.61 7.48	22.14 -2.90 9.25	23.88 -4.20 11.80	22.06 -4.76 14.77	13.29 -4.46 26.90	15.08 -7.31 49.17	9.74 -5.90 36.72	17.44 -5.04 20.22	23.55 -4.85 12.89	28.89 -3.51 1.07
BLUESTONE___WT_PWR 323821	79.83 -1.26 -16.52	35.35 -0.60 -2.69	37.46 -0.66 -4.48	34.67 -0.61 -1.09	36.30 -0.73 0.00	39.53 -0.79 0.00	32.68 -0.55 -1.11	34.43 -0.11 -0.59	38.90 -0.12 -3.47	33.28 0.22 -1.28	30.72 0.22 -0.10	28.94 -0.10 -0.04	29.54 0.00 0.00	28.51 0.02 0.00	31.59 0.01 0.00	34.28 0.00 0.00	40.09 -0.57 -0.77	43.08 -0.45 -1.95	53.61 -0.17 -9.44	89.78 -0.17 -18.38	64.99 -0.34 -12.96	47.90 -0.28 -5.49	45.48 0.22 -3.97	33.73 -0.06 -0.33
BLUE_CIRC_CHEM_DRP 24182	66.83 2.26 0.00	34.53 1.27 0.00	34.96 1.32 0.00	35.56 1.38 0.00	38.54 1.52 0.00	41.92 1.59 0.00	33.31 1.19 0.00	35.20 1.26 0.00	36.87 1.33 0.00	32.97 1.20 0.00	31.56 1.17 -0.11	30.26 1.16 0.00	30.67 1.14 0.00	29.63 1.14 0.00	32.76 1.18 0.00	35.55 1.27 0.00	41.48 1.59 0.00	43.24 1.65 0.00	46.39 1.75 0.00	74.16 2.60 0.00	54.25 1.88 0.00	44.24 1.55 0.00	42.71 1.42 0.00	34.62 1.16 0.00
BOC_GAS_DRP 24189	66.27 1.70 0.00	34.24 0.98 0.00	34.65 1.02 0.00	35.26 1.07 0.00	38.21 1.18 0.00	41.54 1.22 0.00	33.02 0.90 0.00	34.91 0.97 0.00	36.59 1.05 0.00	32.76 0.99 0.00	31.36 0.97 -0.11	30.11 1.00 0.00	30.54 1.01 0.00	29.49 1.01 0.00	32.61 1.02 0.00	35.33 1.05 0.00	41.17 1.28 0.00	42.88 1.30 0.00	46.03 1.38 0.00	73.59 2.02 0.00	53.83 1.47 0.00	43.89 1.20 0.00	42.38 1.10 0.00	34.35 0.89 0.00
BOONVILLE_115KV_TB1 79983	64.64 0.08 0.00	33.27 0.01 0.00	33.64 0.01 0.00	34.38 0.19 0.00	37.18 0.15 0.00	40.44 0.11 0.00	32.17 0.05 0.00	34.04 0.10 0.00	35.43 -0.11 0.00	31.64 -0.13 0.00	30.30 -0.09 0.00	28.61 -0.39 0.00	29.02 -0.51 0.00	28.01 -0.48 0.00	31.25 -0.33 0.00	34.06 -0.22 0.00	39.86 -0.03 0.00	41.74 0.16 0.00	45.06 0.42 0.00	71.84 0.28 0.00	52.36 0.00 0.00	42.69 -0.01 0.00	41.48 0.19 0.00	33.34 -0.12 0.00
BORALEX_4TH_BRANCH 23824	68.16 3.60 0.00	35.21 1.95 0.00	35.60 1.96 0.00	36.23 2.04 0.00	39.30 2.27 0.00	42.73 2.41 0.00	33.90 1.78 0.00	35.87 1.93 0.00	37.59 2.05 0.00	33.66 1.88 0.00	32.25 1.81 -0.11	30.92 1.87 0.00	31.40 1.82 0.00	30.31 1.82 0.00	33.46 1.87 0.00	36.22 1.94 0.00	42.14 2.25 0.00	43.82 2.24 0.00	46.85 2.21 0.00	74.93 3.37 0.00	54.85 2.49 0.00	44.80 2.11 0.00	43.23 1.94 0.00	35.03 1.57 0.00
BOWLINE___1 23526	67.53 2.96 0.00	34.90 1.64 0.00	35.21 1.57 0.00	35.83 1.64 0.00	38.85 1.82 0.00	42.31 1.98 0.00	33.68 1.56 0.00	35.63 1.69 0.00	37.43 1.88 0.00	33.63 1.86 -1.62	33.85 1.84 -0.09	31.06 1.98 0.00	31.49 1.96 0.00	30.41 1.92 0.00	33.51 1.92 0.00	36.36 2.07 0.00	42.30 2.41 0.00	44.07 2.49 0.00	47.43 2.78 0.00	75.73 4.17 0.00	55.39 3.03 0.00	45.15 2.46 0.00	43.46 2.18 0.00	35.13 1.67 0.00
BOWLINE___2 23595	67.52 2.95 0.00	34.90 1.64 0.00	35.21 1.57 0.00	35.83 1.64 0.00	38.85 1.82 0.00	42.31 1.98 0.00	33.68 1.56 0.00	35.62 1.68 0.00	37.42 1.88 0.00	33.63 1.86 -1.62	33.85 1.84 -0.09	31.06 1.98 0.00	31.49 1.96 0.00	30.41 1.92 0.00	33.51 1.92 0.00	36.36 2.07 0.00	42.30 2.41 0.00	44.07 2.49 0.00	47.43 2.78 0.00	75.73 4.17 0.00	55.39 3.03 0.00	45.15 2.46 0.00	43.46 2.18 0.00	35.13 1.67 0.00
BRADY___115KV_TB2 356060	65.82 1.26 0.00	33.94 0.68 0.00	34.27 0.63 0.00	34.76 0.57 0.00	37.60 0.57 0.00	41.04 0.71 0.00	32.74 0.62 0.00	34.59 0.65 0.00	36.14 0.60 0.00	31.93 0.16 0.00	30.54 0.15 0.00	28.92 -0.08 0.00	29.55 0.02 0.00	28.51 0.03 0.00	31.75 0.17 0.00	34.51 0.22 0.00	40.29 0.40 0.00	41.99 0.41 0.00	44.94 0.30 0.00	72.02 0.46 0.00	52.81 0.45 0.00	43.19 0.50 0.00	41.99 0.70 0.00	34.10 0.64 0.00
BRANSCOMB___SOLAR 323811	67.65 3.08 0.00	34.91 1.66 0.00	35.31 1.67 0.00	35.92 1.74 0.00	38.98 1.95 0.00	42.40 2.08 0.00	33.68 1.56 0.00	35.66 1.72 0.00	37.38 1.84 0.00	33.42 1.65 0.00	31.92 1.53 -0.11	30.56 1.45 0.00	30.79 1.26 0.00	29.65 1.17 0.00	32.78 1.20 0.00	35.73 1.44 0.00	41.83 1.94 0.00	43.74 2.16 0.00	46.97 2.32 0.00	75.05 3.49 0.00	54.80 2.43 0.00	44.69 2.00 0.00	43.08 1.79 0.00	34.89 1.43 0.00
BRDGHMPT_69_KV_BK1 55812	70.63 6.06 0.00	36.80 3.54 0.00	37.12 3.49 0.00	37.66 3.48 0.00	40.90 3.87 0.00	44.63 4.31 0.00	35.33 3.21 0.00	37.18 3.24 0.00	38.66 3.12 0.00	35.09 3.32 -1.20	34.75 3.17 -0.09	32.16 3.07 0.00	32.31 2.78 0.00	31.16 2.68 0.00	34.28 2.70 0.00	36.88 2.59 0.00	43.17 3.28 0.00	44.89 3.31 0.00	48.34 3.69 0.00	75.81 4.25 0.00	55.65 3.29 0.00	45.49 2.80 0.00	43.97 2.69 0.00	35.44 1.98 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	69.46 4.89 0.00	36.02 2.77 0.00	36.28 2.65 0.00	36.91 2.73 0.00	40.03 3.00 0.00	43.64 3.32 0.00	34.64 2.52 0.00	36.58 2.64 0.00	38.46 2.92 0.00	34.88 3.11 0.00	34.64 3.06 -1.20	32.15 3.07 -0.09	32.48 2.95 0.00	31.35 2.87 0.00	34.45 2.86 0.00	37.18 2.89 0.00	43.32 3.43 0.00	45.16 3.57 0.00	48.63 3.98 0.00	77.02 5.46 0.00	56.51 4.15 0.00	46.27 3.58 0.00	44.66 3.37 0.00	36.02 2.57 0.00
BRISTLHL_115KV_TB1 79998	61.90 -2.66 0.00	31.92 -1.34 0.00	32.27 -1.37 0.00	32.80 -1.38 0.00	35.53 -1.51 0.00	38.70 -1.62 0.00	30.86 -1.26 0.00	32.61 -1.33 0.00	34.07 -1.47 0.00	30.49 -1.29 0.00	29.13 -1.26 0.00	27.73 -1.27 -0.01	28.17 -1.36 0.00	27.20 -1.28 0.00	30.29 -1.30 0.00	32.93 -1.36 0.00	38.33 -1.56 0.00	40.00 -1.58 0.00	42.96 -1.68 0.00	68.73 -2.84 0.00	50.25 -2.11 0.00	40.92 -1.78 0.00	39.58 -1.71 0.00	32.05 -1.41 0.00
BROOKHAVEN__DRP 24191	69.53 4.96 0.00	36.14 2.88 0.00	36.39 2.75 0.00	36.94 2.75 0.00	40.05 3.02 0.00	43.67 3.35 0.00	34.65 2.53 0.00	36.59 2.64 0.00	38.41 2.87 0.00	34.86 3.08 0.00	34.58 3.00 -1.20	32.07 2.98 -0.09	32.34 2.81 0.00	31.21 2.73 0.00	34.32 2.73 0.00	37.00 2.71 0.00	43.18 3.29 0.00	44.94 3.36 0.00	48.39 3.75 0.00	76.08 4.51 0.00	55.87 3.51 0.00	45.72 3.03 0.00	44.20 2.91 0.00	35.67 2.21 0.00
BROOKLYN_NAVY_YARD 23515	68.30 3.73 0.00	35.31 2.05 0.00	35.60 1.96 0.00	36.23 2.05 0.00	39.28 2.25 0.00	42.76 2.44 0.00	34.08 1.96 0.00	36.09 2.15 0.00	37.95 2.41 0.00	34.16 2.39 0.00	33.93 2.34 -1.20	31.59 2.50 -0.09	32.01 2.48 0.00	30.92 2.43 0.00	34.03 2.44 0.00	36.90 2.62 0.00	42.91 3.02 0.00	44.63 3.05 0.00	48.02 3.38 0.00	76.62 5.06 0.00	56.11 3.74 0.00	45.76 3.07 0.00	44.03 2.75 0.00	35.58 2.12 0.00
BROOKLYN__ARMY_DRP 323595	68.41 3.84 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.34 2.15 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.21 2.27 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.04 2.45 -1.20	31.66 2.58 -0.09	32.09 2.56 0.00	30.99 2.51 0.00	34.12 2.53 0.00	37.01 2.73 0.00	43.04 3.16 0.00	44.76 3.18 0.00	48.22 3.58 0.00	76.98 5.42 0.00	56.39 4.03 0.00	45.98 3.29 0.00	44.28 2.99 0.00	35.75 2.29 0.00
BROOME_2_LFGE 323671	107.17 -1.31 -43.91	39.91 -0.58 -7.23	45.12 -0.57 -12.06	36.57 -0.54 -2.93	36.48 -0.55 -0.01	39.73 -0.59 0.00	34.58 -0.48 -2.94	35.04 -0.50 -1.60	44.25 -0.59 -9.30	34.78 -0.45 -3.45	30.66 -0.47 -0.75	28.56 -0.46 -0.03	29.01 -0.52 0.00	28.00 -0.49 0.00	31.18 -0.41 0.00	33.89 -0.39 0.00	41.36 -0.57 -2.04	46.18 -0.56 -5.15	69.43 -0.59 -25.37	119.52 -1.13 -49.08	86.06 -0.86 -34.55	56.70 -0.70 -14.71	51.27 -0.67 -10.66	33.80 -0.54 -0.88
BROOME__LFGE 323600	107.17 -1.31 -43.91	39.91 -0.58 -7.23	45.12 -0.57 -12.06	36.57 -0.54 -2.93	36.48 -0.55 -0.01	39.73 -0.59 0.00	34.58 -0.48 -2.94	35.04 -0.50 -1.60	44.25 -0.59 -9.30	34.78 -0.45 -3.45	30.66 -0.47 -0.75	28.56 -0.46 -0.03	29.01 -0.52 0.00	28.00 -0.49 0.00	31.18 -0.41 0.00	33.89 -0.39 0.00	41.36 -0.57 -2.04	46.18 -0.56 -5.15	69.43 -0.59 -25.37	119.52 -1.13 -49.08	86.06 -0.86 -34.55	56.70 -0.70 -14.71	51.27 -0.67 -10.66	33.80 -0.54 -0.88
BROWNFLS_115KV_TB 3_5 80003	63.90 -0.67 0.00	32.89 -0.37 0.00	33.20 -0.43 0.00	33.88 -0.30 0.00	36.63 -0.40 0.00	39.90 -0.42 0.00	31.73 -0.40 0.00	33.57 -0.37 0.00	34.90 -0.64 0.00	30.92 -0.85 0.00	29.70 -0.69 0.00	27.95 -1.05 0.00	28.37 -1.16 0.00	27.45 -1.03 0.00	30.72 -0.86 0.00	33.44 -0.84 0.00	39.17 -0.72 0.00	40.85 -0.74 0.00	43.91 -0.73 0.00	70.02 -1.55 0.00	51.11 -1.25 0.00	41.86 -0.83 0.00	40.91 -0.38 0.00	32.96 -0.50 0.00
BROWNSV1_27_KV_LOAD 356125	69.00 4.43 0.00	35.69 2.43 0.00	36.00 2.36 0.00	36.64 2.46 0.00	39.72 2.69 0.00	43.25 2.93 0.00	34.47 2.35 0.00	36.49 2.55 0.00	38.38 2.84 0.00	34.55 2.78 0.00	34.33 2.74 -1.20	31.95 2.86 -0.09	32.37 2.84 0.00	31.26 2.78 0.00	34.44 2.85 0.00	37.34 3.05 0.00	43.43 3.54 0.00	45.18 3.60 0.00	48.61 3.97 0.00	77.57 6.01 0.00	56.78 4.41 0.00	46.28 3.59 0.00	44.54 3.26 0.00	35.98 2.51 0.00
BURROWS__LYONSDAL 23803	64.10 -0.47 0.00	32.97 -0.29 0.00	33.34 -0.29 0.00	34.14 -0.05 0.00	36.91 -0.12 0.00	40.11 -0.21 0.00	31.88 -0.24 0.00	33.75 -0.19 0.00	35.09 -0.45 0.00	31.28 -0.50 0.00	29.98 -0.41 0.00	28.27 -0.72 0.00	28.65 -0.88 0.00	27.67 -0.82 0.00	30.92 -0.66 0.00	33.68 -0.60 0.00	39.48 -0.41 0.00	41.36 -0.23 0.00	44.72 0.08 0.00	71.24 -0.33 0.00	51.84 -0.52 0.00	42.30 -0.39 0.00	41.18 -0.10 0.00	33.05 -0.41 0.00
CAITHNESS_CC_1 323624	69.47 4.90 0.00	36.03 2.77 0.00	36.27 2.64 0.00	36.83 2.65 0.00	39.94 2.91 0.00	43.55 3.22 0.00	34.56 2.44 0.00	36.47 2.53 0.00	38.33 2.78 0.00	34.78 3.00 0.00	34.50 2.92 -1.20	32.00 2.92 -0.09	32.28 2.75 0.00	31.16 2.67 0.00	34.24 2.65 0.00	36.93 2.65 0.00	43.09 3.20 0.00	44.84 3.26 0.00	48.31 3.66 0.00	76.07 4.51 0.00	55.86 3.49 0.00	45.71 3.02 0.00	44.16 2.87 0.00	35.63 2.17 0.00
CALPINE BETH_PAGE_GT4 24209	68.64 4.07 0.00	35.59 2.33 0.00	35.87 2.23 0.00	36.49 2.30 0.00	39.59 2.56 0.00	43.14 2.81 0.00	34.25 2.13 0.00	36.18 2.24 0.00	38.08 2.54 0.00	34.47 2.70 0.00	34.22 2.64 -1.20	31.78 2.70 -0.09	32.14 2.61 0.00	31.02 2.54 0.00	34.13 2.54 0.00	36.89 2.61 0.00	42.82 2.93 0.00	44.54 2.96 0.00	47.96 3.31 0.00	76.28 4.71 0.00	55.99 3.63 0.00	45.81 3.12 0.00	44.18 2.89 0.00	35.65 2.19 0.00
CALPINE_BETH_PAGE_GT_4 323586	68.80 4.23 0.00	35.58 2.32 0.00	35.87 2.24 0.00	36.47 2.29 0.00	39.58 2.55 0.00	43.13 2.81 0.00	34.23 2.11 0.00	36.16 2.22 0.00	38.08 2.53 0.00	34.47 2.70 0.00	34.21 2.63 -1.20	31.78 2.70 -0.09	32.14 2.61 0.00	31.02 2.53 0.00	34.12 2.53 0.00	36.90 2.62 0.00	42.82 2.93 0.00	44.53 2.95 0.00	47.96 3.31 0.00	76.32 4.76 0.00	56.01 3.65 0.00	45.82 3.13 0.00	44.18 2.89 0.00	35.65 2.19 0.00
CALPINE_BP_GT1 23823	68.80 4.23 0.00	35.58 2.32 0.00	35.87 2.24 0.00	36.47 2.29 0.00	39.58 2.55 0.00	43.13 2.81 0.00	34.23 2.11 0.00	36.16 2.22 0.00	38.08 2.53 0.00	34.47 2.70 0.00	34.21 2.63 -1.20	31.78 2.70 -0.09	32.14 2.61 0.00	31.02 2.53 0.00	34.12 2.53 0.00	36.90 2.62 0.00	42.82 2.93 0.00	44.53 2.95 0.00	47.96 3.31 0.00	76.32 4.76 0.00	56.01 3.65 0.00	45.82 3.13 0.00	44.18 2.89 0.00	35.65 2.19 0.00
CALSPAN__DRP 24200	12.47 -5.88 46.21	12.47 -3.24 17.55	10.42 -3.25 19.96	15.33 -3.26 15.59	18.75 -3.62 14.67	21.29 -3.74 15.29	16.43 -2.82 12.87	17.06 -3.10 13.78	13.23 -3.37 18.94	13.84 -2.92 15.01	16.22 -2.81 11.36	14.22 -2.81 11.96	17.02 -2.82 9.69	23.35 -2.87 2.27	17.70 -2.81 11.08	17.39 -3.11 13.78	19.28 -4.13 16.47	18.18 -4.37 19.04	11.59 -4.61 28.45	15.87 -7.42 48.27	10.40 -5.13 36.83	15.16 -4.34 23.19	23.35 -3.70 14.23	29.36 -2.92 1.18

CALVERTON___SOLAR 323806	69.91 5.34 0.00	36.27 3.01 0.00	36.51 2.88 0.00	37.05 2.86 0.00	40.17 3.14 0.00	43.82 3.50 0.00	34.75 2.63 0.00	36.66 2.72 0.00	38.50 2.96 0.00	34.93 3.16 0.00	34.64 3.05 -1.20	32.12 3.03 -0.09	32.37 2.84 0.00	31.25 2.76 0.00	34.34 2.76 0.00	37.04 2.76 0.00	43.24 3.36 0.00	45.02 3.44 0.00	48.49 3.84 0.00	76.17 4.61 0.00	55.95 3.58 0.00	45.75 3.06 0.00	44.22 2.94 0.00	35.68 2.22 0.00
CANDIGU_WT_PWR 323617	-45.97 -6.28 104.26	-43.00 -3.30 72.96	-43.00 -3.36 73.27	-43.00 -3.38 73.80	-42.87 -3.47 76.43	-43.00 -3.69 79.63	-28.25 -3.02 57.35	-36.82 -3.11 67.65	-41.12 -3.39 73.27	-40.67 -3.08 69.36	-29.97 -3.12 57.24	-36.31 -2.98 62.33	-24.01 -3.09 50.44	13.71 -2.98 11.80	-28.01 -2.78 56.82	-40.48 -3.03 71.74	-43.00 -3.54 79.34	-43.83 -3.42 82.00	-43.00 -4.10 83.55	-45.15 -6.54 110.17	-42.13 -4.98 89.51	-41.87 -4.04 80.52	-9.11 -3.99 46.41	26.32 -3.23 3.91
CARR STREET_E_SYP 24060	62.83 -1.73 0.00	32.41 -0.85 0.00	32.78 -0.86 0.00	33.31 -0.87 0.00	36.09 -0.94 0.00	39.31 -1.01 0.00	31.36 -0.76 0.00	33.12 -0.82 0.00	34.63 -0.92 0.00	30.98 -0.80 0.00	29.57 -0.82 0.00	28.18 -0.82 -0.01	28.67 -0.86 0.00	27.67 -0.82 0.00	30.82 -0.77 0.00	33.48 -0.80 0.00	38.94 -0.95 0.00	40.62 -0.96 0.00	43.61 -1.03 0.00	69.73 -1.83 0.00	51.01 -1.36 0.00	41.54 -1.15 0.00	40.18 -1.11 0.00	32.55 -0.91 0.00
CARTHAGE___PAPER 23857	63.34 -1.22 0.00	32.50 -0.76 0.00	32.85 -0.79 0.00	33.64 -0.55 0.00	36.36 -0.67 0.00	39.62 -0.70 0.00	31.46 -0.66 0.00	33.32 -0.62 0.00	34.32 -1.22 0.00	30.38 -1.39 0.00	29.39 -1.00 0.00	27.47 -1.54 0.00	27.70 -1.83 0.00	26.85 -1.64 0.00	30.19 -1.40 0.00	33.04 -1.25 0.00	38.93 -0.96 0.00	40.80 -0.78 0.00	44.12 -0.52 0.00	70.21 -1.36 0.00	51.05 -1.31 0.00	41.64 -1.05 0.00	40.80 -0.48 0.00	32.67 -0.79 0.00
CASSADAGA_WT_PWR 323784	8.97 -8.19 47.41	13.82 -4.30 15.14	11.50 -4.09 18.04	18.13 -3.79 12.26	21.83 -4.39 10.81	24.73 -4.00 11.60	18.19 -3.24 10.69	19.29 -3.73 10.92	14.37 -4.36 16.81	15.55 -3.92 12.31	17.92 -3.60 8.87	16.44 -3.41 9.15	18.61 -3.50 7.42	12.46 -3.59 12.43	19.64 -3.43 8.52	19.94 -3.79 10.55	21.85 -4.87 13.17	21.05 -4.48 16.05	11.57 -5.28 27.78	13.17 -8.74 49.66	7.69 -6.05 38.62	13.75 -5.61 23.34	23.12 -4.71 13.45	28.61 -3.74 1.11
CE_DUNWOOD___DRP 24194	68.04 3.47 0.00	35.20 1.94 0.00	35.50 1.87 0.00	36.13 1.94 0.00	39.17 2.13 0.00	42.63 2.31 0.00	33.96 1.84 0.00	35.93 1.99 0.00	37.76 2.21 0.00	33.98 2.20 0.00	33.80 2.16 -1.25	31.38 2.29 -0.09	31.80 2.27 0.00	30.70 2.22 0.00	33.83 2.24 0.00	36.68 2.39 0.00	42.68 2.79 0.00	44.43 2.85 0.00	47.80 3.16 0.00	76.28 4.72 0.00	55.83 3.46 0.00	45.51 2.82 0.00	43.83 2.54 0.00	35.42 1.96 0.00
CE_MILLWOOD___DRP 24193	67.85 3.28 0.00	35.11 1.85 0.00	35.41 1.78 0.00	36.03 1.85 0.00	39.07 2.04 0.00	42.54 2.22 0.00	33.87 1.75 0.00	35.84 1.90 0.00	37.66 2.12 0.00	33.87 2.09 0.00	33.70 2.06 -1.25	31.27 2.19 -0.09	31.70 2.17 0.00	30.61 2.12 0.00	33.74 2.15 0.00	36.57 2.29 0.00	42.56 2.67 0.00	44.31 2.73 0.00	47.68 3.03 0.00	76.09 4.53 0.00	55.67 3.31 0.00	45.39 2.70 0.00	43.71 2.42 0.00	35.33 1.87 0.00
CE_NYC2_DRP 24202	68.51 3.94 0.00	35.46 2.20 0.00	35.78 2.14 0.00	36.41 2.23 0.00	39.50 2.47 0.00	43.00 2.67 0.00	34.27 2.15 0.00	36.29 2.35 0.00	38.16 2.62 0.00	34.33 2.56 0.00	34.12 2.53 -1.20	31.75 2.66 -0.09	32.16 2.63 0.00	31.07 2.58 0.00	34.20 2.61 0.00	37.08 2.80 0.00	43.13 3.24 0.00	44.85 3.26 0.00	48.25 3.61 0.00	76.98 5.42 0.00	56.42 4.05 0.00	45.98 3.29 0.00	44.27 2.98 0.00	35.76 2.30 0.00
CE_NYC_DRP 24195	68.40 3.83 0.00	35.39 2.13 0.00	35.70 2.07 0.00	36.34 2.16 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.18 2.24 0.00	38.05 2.51 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.58 -0.09	32.08 2.56 0.00	30.98 2.50 0.00	34.12 2.53 0.00	37.00 2.71 0.00	43.03 3.14 0.00	44.76 3.18 0.00	48.15 3.50 0.00	76.82 5.25 0.00	56.25 3.88 0.00	45.86 3.17 0.00	44.15 2.86 0.00	35.66 2.20 0.00
CHAFFEE___LFGE 323603	12.06 -5.87 46.63	14.40 -3.10 15.76	12.00 -3.11 18.52	17.64 -3.11 13.43	21.36 -3.47 12.20	24.00 -3.57 12.75	18.13 -2.69 11.30	19.26 -2.95 11.74	14.99 -3.23 17.33	15.94 -2.78 13.05	18.14 -2.66 9.59	16.38 -2.64 9.97	18.77 -2.68 8.08	24.19 -2.75 1.54	19.72 -2.61 9.26	19.88 -2.92 11.49	21.84 -3.93 14.11	20.53 -4.17 16.88	12.50 -4.47 27.67	15.57 -7.26 48.73	10.64 -4.93 36.79	16.78 -4.21 21.71	24.20 -3.54 13.55	29.54 -2.80 1.12
CHATEAUG_35_KV_LOAD 355732	64.69 0.12 0.00	33.32 0.06 0.00	33.56 -0.08 0.00	33.88 -0.30 0.00	36.48 -0.55 0.00	40.02 -0.30 0.00	31.63 -0.49 0.00	33.48 -0.46 0.00	35.09 -0.46 0.00	31.20 -0.57 0.00	29.91 -0.48 0.00	28.38 -0.62 0.00	29.09 -0.44 0.00	27.99 -0.50 0.00	31.11 -0.47 0.00	33.75 -0.54 0.00	39.16 -0.73 0.00	40.82 -0.76 0.00	43.54 -1.10 0.00	69.78 -1.78 0.00	51.23 -1.13 0.00	41.83 -0.86 0.00	40.59 -0.69 0.00	33.04 -0.42 0.00
CHATEAUG_WT_PWR 323614	64.56 0.00 0.00	33.24 -0.02 0.00	33.49 -0.14 0.00	33.86 -0.33 0.00	36.47 -0.56 0.00	39.98 -0.34 0.00	31.62 -0.50 0.00	33.44 -0.50 0.00	35.05 -0.49 0.00	31.21 -0.56 0.00	29.92 -0.47 0.00	28.41 -0.58 0.00	29.11 -0.42 0.00	28.02 -0.47 0.00	31.12 -0.47 0.00	33.75 -0.53 0.00	39.16 -0.73 0.00	40.79 -0.80 0.00	43.52 -1.12 0.00	69.74 -1.82 0.00	51.16 -1.20 0.00	41.78 -0.91 0.00	40.55 -0.74 0.00	33.00 -0.46 0.00
CHAT_HIGH_FALL_HYD 323578	64.69 0.12 0.00	33.32 0.06 0.00	33.56 -0.08 0.00	33.88 -0.30 0.00	36.48 -0.55 0.00	40.02 -0.30 0.00	31.63 -0.49 0.00	33.48 -0.46 0.00	35.09 -0.46 0.00	31.20 -0.57 0.00	29.91 -0.48 0.00	28.38 -0.62 0.00	29.09 -0.44 0.00	27.99 -0.50 0.00	31.11 -0.47 0.00	33.75 -0.54 0.00	39.16 -0.73 0.00	40.82 -0.76 0.00	43.54 -1.10 0.00	69.78 -1.78 0.00	51.23 -1.13 0.00	41.83 -0.86 0.00	40.59 -0.69 0.00	33.04 -0.42 0.00
CHAUTAUQUA___LFGE 323629	9.94 -7.21 47.41	12.70 -3.70 16.86	10.60 -3.62 19.41	16.51 -3.48 14.20	20.13 -3.88 13.02	22.53 -3.81 13.98	16.87 -3.04 12.21	17.66 -3.41 12.86	13.30 -3.85 18.38	14.19 -3.42 14.17	16.64 -3.19 10.55	14.89 -3.06 11.04	17.48 -3.11 8.94	20.32 -3.15 5.02	18.31 -3.04 10.23	18.23 -3.33 12.72	20.05 -4.42 15.42	19.01 -4.41 18.16	11.15 -4.91 28.58	13.89 -8.13 49.54	8.71 -5.70 37.95	14.37 -4.95 23.37	22.89 -4.27 14.13	28.93 -3.36 1.17
CHERRYST_13_KV_LD 356241	68.56 3.99 0.00	35.46 2.20 0.00	35.77 2.14 0.00	36.42 2.24 0.00	39.49 2.46 0.00	42.99 2.67 0.00	34.25 2.13 0.00	36.27 2.33 0.00	38.14 2.59 0.00	34.33 2.56 0.00	34.11 2.52 -1.20	31.74 2.65 -0.09	32.16 2.63 0.00	31.06 2.57 0.00	34.21 2.63 0.00	37.09 2.81 0.00	43.13 3.24 0.00	44.88 3.29 0.00	48.27 3.62 0.00	77.02 5.45 0.00	56.40 4.03 0.00	45.96 3.27 0.00	44.25 2.96 0.00	35.74 2.28 0.00

CHESTROR_138KV_BK263 355645	67.12 2.55 0.00	34.72 1.46 0.00	35.04 1.41 0.00	35.66 1.47 0.00	38.66 1.63 0.00	42.08 1.75 0.00	33.52 1.39 0.00	35.45 1.50 0.00	37.22 1.67 0.00	33.43 1.65 0.00	31.02 1.63 0.99	30.82 1.74 -0.08	31.25 1.72 0.00	30.17 1.68 0.00	33.29 1.70 0.00	36.10 1.82 0.00	42.03 2.14 0.00	43.80 2.22 0.00	47.11 2.47 0.00	75.20 3.64 0.00	55.00 2.64 0.00	44.81 2.12 0.00	43.17 1.89 0.00	34.92 1.46 0.00
CH_MIDHUDSON__DRP 24192	67.84 3.27 0.00	35.10 1.84 0.00	35.43 1.80 0.00	36.04 1.86 0.00	39.09 2.06 0.00	42.54 2.21 0.00	33.87 1.75 0.00	35.83 1.89 0.00	37.64 2.10 0.00	33.82 2.05 0.00	32.39 2.01 0.00	31.19 2.10 -0.09	31.62 2.09 0.00	30.53 2.04 0.00	33.67 2.09 0.00	36.50 2.21 0.00	42.51 2.62 0.00	44.27 2.69 0.00	47.62 2.98 0.00	76.01 4.45 0.00	55.58 3.21 0.00	45.29 2.60 0.00	43.64 2.35 0.00	35.30 1.84 0.00
CH_MISC_IPPS 23765	68.14 3.58 0.00	35.22 1.97 0.00	35.55 1.92 0.00	36.17 1.99 0.00	39.22 2.19 0.00	42.69 2.37 0.00	34.01 1.89 0.00	35.97 2.03 0.00	37.80 2.26 0.00	33.97 2.20 0.00	32.52 2.13 0.00	31.32 2.23 -0.09	31.74 2.22 0.00	30.65 2.17 0.00	33.81 2.22 0.00	36.67 2.39 0.00	42.70 2.81 0.00	44.50 2.92 0.00	47.87 3.22 0.00	76.43 4.87 0.00	55.87 3.51 0.00	45.52 2.83 0.00	43.84 2.55 0.00	35.44 1.98 0.00
CH_RES_BVR_FALLS 23983	64.44 -0.13 0.00	33.21 -0.04 0.00	33.57 -0.06 0.00	34.09 -0.09 0.00	36.90 -0.13 0.00	40.22 -0.10 0.00	32.03 -0.09 0.00	33.84 -0.10 0.00	35.44 -0.10 0.00	31.64 -0.13 0.00	30.27 -0.12 0.00	28.85 -0.14 0.00	29.41 -0.12 0.00	28.35 -0.13 0.00	31.47 -0.12 0.00	34.15 -0.13 0.00	39.72 -0.17 0.00	41.39 -0.20 0.00	44.39 -0.25 0.00	71.11 -0.45 0.00	52.07 -0.29 0.00	42.46 -0.22 0.00	41.12 -0.17 0.00	33.35 -0.11 0.00
CH_RES_NIAGARA 23895	16.32 -7.47 40.78	14.26 -4.05 14.95	12.34 -4.07 17.22	16.94 -4.14 13.11	20.26 -4.58 12.19	22.77 -4.86 12.69	17.62 -3.66 10.84	18.35 -4.07 11.52	15.02 -4.30 16.22	15.40 -3.73 12.64	17.36 -3.56 9.47	15.51 -3.56 9.92	17.89 -3.60 8.04	22.97 -3.63 1.88	18.58 -3.77 9.24	18.73 -4.12 11.43	20.81 -5.30 13.78	19.82 -5.68 16.08	13.62 -6.04 24.98	19.04 -9.77 42.75	13.06 -6.81 32.49	16.94 -5.69 20.06	24.06 -4.84 12.39	28.67 -3.76 1.03
CH_RES_SYRACUSE 23985	61.14 -1.41 2.02	31.48 -0.69 1.10	31.13 -0.68 1.83	33.04 -0.70 0.44	36.29 -0.74 0.00	39.53 -0.79 0.00	31.50 -0.59 0.04	33.05 -0.65 0.24	33.73 -0.72 1.09	30.61 -0.64 0.52	29.59 -0.69 0.11	28.29 -0.72 -0.01	28.77 -0.76 0.00	27.78 -0.70 0.00	30.98 -0.61 0.00	33.66 -0.63 0.00	39.08 -0.72 0.08	40.85 -0.71 0.03	40.02 -0.79 3.84	65.71 -1.48 4.37	48.74 -1.11 2.52	40.06 -0.93 1.69	38.87 -0.91 1.51	32.58 -0.74 0.13
CLINTON_WT_PWR 323605	64.56 0.00 0.00	33.24 -0.02 0.00	33.49 -0.14 0.00	33.86 -0.33 0.00	36.47 -0.56 0.00	39.98 -0.34 0.00	31.62 -0.50 0.00	33.44 -0.50 0.00	35.05 -0.49 0.00	31.21 -0.56 0.00	29.92 -0.47 0.00	28.41 -0.58 0.00	29.11 -0.42 0.00	28.02 -0.47 0.00	31.12 -0.47 0.00	33.75 -0.53 0.00	39.16 -0.73 0.00	40.79 -0.80 0.00	43.52 -1.12 0.00	69.74 -1.82 0.00	51.16 -1.20 0.00	41.78 -0.91 0.00	40.55 -0.74 0.00	33.00 -0.46 0.00
CLINTON__LFGE 323618	65.43 0.86 0.00	33.78 0.52 0.00	33.97 0.34 0.00	34.32 0.14 0.00	37.00 -0.03 0.00	40.53 0.20 0.00	32.08 -0.03 0.00	33.99 0.05 0.00	35.62 0.08 0.00	31.71 -0.06 0.00	30.30 -0.08 0.00	28.74 -0.26 0.00	29.45 -0.08 0.00	28.24 -0.25 0.00	31.37 -0.21 0.00	34.12 -0.16 0.00	39.59 -0.29 0.00	41.45 -0.13 0.00	44.26 -0.39 0.00	70.75 -0.81 0.00	51.94 -0.43 0.00	42.43 -0.26 0.00	41.17 -0.12 0.00	33.45 -0.01 0.00
COBBLENY_34_KV_TB1 80064	12.27 -5.67 46.63	14.37 -3.13 15.76	11.98 -3.14 18.52	17.60 -3.15 13.43	21.32 -3.51 12.20	23.96 -3.62 12.75	18.11 -2.72 11.30	19.22 -2.98 11.74	14.97 -3.24 17.33	15.90 -2.82 13.05	18.10 -2.70 9.59	16.31 -2.72 9.97	18.73 -2.72 8.08	24.19 -2.76 1.54	19.63 -2.70 9.26	19.80 -2.99 11.49	21.79 -3.98 14.11	20.49 -4.22 16.88	12.52 -4.45 27.67	15.67 -7.16 48.73	10.67 -4.91 36.79	16.83 -4.15 21.71	24.19 -3.55 13.55	29.54 -2.80 1.12
COFFEEN__115KV_TB3 355620	62.76 -1.81 0.00	32.16 -1.09 0.00	32.52 -1.11 0.00	33.25 -0.93 0.00	35.96 -1.07 0.00	39.30 -1.03 0.00	31.22 -0.90 0.00	33.07 -0.87 0.00	33.85 -1.69 0.00	30.14 -1.63 0.00	29.19 -1.20 0.00	27.15 -1.85 0.00	27.32 -2.21 0.00	26.48 -2.01 0.00	29.85 -1.74 0.00	32.78 -1.51 0.00	38.69 -1.20 0.00	40.56 -1.02 0.00	43.81 -0.83 0.00	69.74 -1.82 0.00	50.71 -1.65 0.00	41.29 -1.40 0.00	40.49 -0.80 0.00	32.43 -1.04 0.00
COLDSPRG_115KV_BK1 355956	12.21 -4.95 47.41	18.05 -2.78 12.43	15.09 -2.67 15.87	22.49 -2.50 9.19	26.86 -2.84 7.33	29.81 -2.68 7.83	21.71 -2.13 8.29	23.65 -2.43 7.86	18.37 -2.84 14.32	19.92 -2.49 9.36	21.89 -2.28 6.22	20.61 -2.21 6.17	22.35 -2.18 5.01	31.18 -2.21 -4.91	23.75 -2.05 5.79	24.92 -2.24 7.12	27.09 -3.19 9.61	25.77 -3.09 12.73	14.64 -3.48 26.52	16.12 -5.60 49.85	12.27 -3.89 36.20	21.10 -3.48 18.10	25.95 -2.95 12.39	30.04 -2.39 1.02
COLONIE_LFGE__ 323577	67.15 2.58 0.00	34.69 1.43 0.00	35.06 1.43 0.00	35.67 1.48 0.00	38.68 1.65 0.00	42.07 1.75 0.00	33.41 1.29 0.00	35.33 1.39 0.00	37.05 1.51 0.00	33.16 1.39 0.00	31.72 1.33 0.00	30.42 1.31 -0.11	30.81 1.28 0.00	29.73 1.24 0.00	32.84 1.25 0.00	35.62 1.34 0.00	41.59 1.70 0.00	43.35 1.76 0.00	46.50 1.86 0.00	74.30 2.74 0.00	54.33 1.97 0.00	44.33 1.64 0.00	42.76 1.47 0.00	34.66 1.20 0.00
COOPERNY_115KV_TB1 80082	66.45 1.88 0.00	34.34 1.08 0.00	34.68 1.05 0.00	35.29 1.11 0.00	38.25 1.22 0.00	41.62 1.30 0.00	33.16 1.04 0.00	35.06 1.12 0.00	36.79 1.24 0.00	33.03 1.26 0.00	31.15 1.23 0.46	30.37 1.31 -0.06	30.83 1.30 0.00	29.76 1.27 0.00	32.87 1.29 0.00	35.66 1.38 0.00	41.48 1.59 0.00	43.23 1.64 0.00	46.48 1.83 0.00	74.30 2.74 0.00	54.34 1.98 0.00	44.28 1.59 0.00	42.71 1.43 0.00	34.56 1.10 0.00
COPENHAGEN_WT_PWR 323753	61.70 -2.86 0.00	31.64 -1.62 0.00	31.98 -1.66 0.00	32.68 -1.50 0.00	35.35 -1.68 0.00	38.66 -1.66 0.00	30.68 -1.44 0.00	32.52 -1.42 0.00	33.36 -2.18 0.00	29.70 -2.07 0.00	28.74 -1.64 0.00	26.79 -2.21 0.00	26.96 -2.57 0.00	26.15 -2.34 0.00	29.49 -2.10 0.00	32.26 -2.02 0.00	38.02 -1.87 0.00	39.83 -1.76 0.00	43.02 -1.62 0.00	68.49 -3.07 0.00	49.83 -2.53 0.00	40.58 -2.11 0.00	39.85 -1.43 0.00	31.84 -1.62 0.00
CORNELL____ 23752	42.42 -0.61 21.54	32.33 -0.27 0.66	29.53 -0.28 3.83	36.15 -0.27 -2.23	41.07 -0.27 -4.31	44.55 -0.27 -4.49	33.39 -0.16 -1.44	36.53 -0.17 -2.76	33.39 -0.25 1.90	33.18 -0.22 -1.63	32.63 -0.50 -2.74	31.98 -0.55 -3.54	31.67 -0.71 -2.85	28.43 -0.72 -0.66	34.34 -0.40 -3.16	38.07 -0.26 -4.05	42.82 -0.27 -3.21	42.97 -0.09 -1.48	32.57 -0.02 12.05	46.13 -0.28 25.16	35.27 -0.24 16.84	37.45 -0.25 4.99	36.62 -0.28 4.39	32.84 -0.26 0.36

CORONA_69_KV_TB1 355595	68.66 4.09 0.00	35.60 2.34 0.00	35.89 2.26 0.00	36.53 2.34 0.00	39.63 2.60 0.00	43.16 2.83 0.00	34.27 2.15 0.00	36.23 2.29 0.00	38.11 2.57 0.00	34.44 2.67 0.00	34.21 2.62 -1.20	31.78 2.69 -0.09	32.16 2.63 0.00	31.05 2.56 0.00	34.19 2.60 0.00	37.01 2.73 0.00	43.07 3.18 0.00	44.84 3.26 0.00	48.25 3.60 0.00	76.75 5.19 0.00	56.29 3.92 0.00	46.00 3.31 0.00	44.31 3.02 0.00	35.79 2.33 0.00
CORTLAND_115KV_TB3 80093	63.87 -0.70 0.00	32.95 -0.31 0.00	33.32 -0.31 0.00	33.89 -0.29 0.00	36.73 -0.30 0.00	40.01 -0.31 0.00	31.90 -0.22 0.00	33.70 -0.24 0.00	35.22 -0.33 0.00	31.51 -0.26 0.00	30.02 -0.37 -0.02	28.55 -0.47 0.00	28.99 -0.54 0.00	27.96 -0.53 0.00	31.24 -0.35 0.00	34.02 -0.26 0.00	39.58 -0.31 0.00	41.38 -0.21 0.00	44.47 -0.18 0.00	71.06 -0.50 0.00	51.95 -0.41 0.00	42.32 -0.37 0.00	40.90 -0.39 0.00	33.11 -0.35 0.00
COXSACKIE___GT 23611	69.73 5.16 0.00	35.99 2.73 0.00	36.40 2.77 0.00	37.03 2.85 0.00	40.15 3.12 0.00	43.75 3.42 0.00	34.81 2.69 0.00	36.87 2.93 0.00	38.65 3.11 0.00	34.42 2.65 0.00	32.98 2.60 0.00	31.50 2.40 -0.10	31.67 2.14 0.00	30.59 2.11 0.00	33.82 2.23 0.00	36.78 2.50 0.00	43.34 3.45 0.00	45.49 3.91 0.00	48.89 4.24 0.00	77.99 6.43 0.00	56.93 4.56 0.00	46.28 3.59 0.00	44.58 3.30 0.00	36.04 2.58 0.00
CPV_VALLEY___CC1 323721	66.60 2.03 0.00	34.42 1.16 0.00	34.76 1.12 0.00	35.36 1.17 0.00	38.33 1.30 0.00	41.72 1.40 0.00	33.23 1.11 0.00	35.13 1.19 0.00	36.89 1.35 0.00	33.13 1.36 0.00	31.05 1.34 0.68	30.53 1.45 -0.08	30.97 1.44 0.00	29.90 1.42 0.00	32.98 1.39 0.00	35.79 1.50 0.00	41.63 1.74 0.00	43.38 1.80 0.00	46.67 2.03 0.00	74.54 2.98 0.00	54.52 2.16 0.00	44.43 1.74 0.00	42.81 1.52 0.00	34.64 1.18 0.00
CPV_VALLEY___CC2 323722	66.60 2.03 0.00	34.42 1.16 0.00	34.76 1.12 0.00	35.36 1.17 0.00	38.33 1.30 0.00	41.72 1.40 0.00	33.23 1.11 0.00	35.13 1.19 0.00	36.89 1.35 0.00	33.13 1.36 0.00	31.05 1.34 0.68	30.53 1.45 -0.08	30.97 1.44 0.00	29.90 1.42 0.00	32.98 1.39 0.00	35.79 1.50 0.00	41.63 1.74 0.00	43.38 1.80 0.00	46.67 2.03 0.00	74.54 2.98 0.00	54.52 2.16 0.00	44.43 1.74 0.00	42.81 1.52 0.00	34.64 1.18 0.00
CRESCENT___HYD 24018	67.15 2.58 0.00	34.69 1.43 0.00	35.06 1.43 0.00	35.67 1.48 0.00	38.68 1.65 0.00	42.07 1.75 0.00	33.41 1.29 0.00	35.33 1.39 0.00	37.05 1.51 0.00	33.16 1.39 0.00	31.72 1.33 0.00	30.42 1.31 -0.11	30.81 1.28 0.00	29.73 1.24 0.00	32.84 1.25 0.00	35.62 1.34 0.00	41.59 1.70 0.00	43.35 1.76 0.00	46.50 1.86 0.00	74.30 2.74 0.00	54.33 1.97 0.00	44.33 1.64 0.00	42.76 1.47 0.00	34.66 1.20 0.00
CRICKET___VALLEY_CC1 323756	67.40 2.83 0.00	34.87 1.61 0.00	35.20 1.56 0.00	35.79 1.61 0.00	38.83 1.80 0.00	42.24 1.91 0.00	33.64 1.52 0.00	35.58 1.63 0.00	37.38 1.84 0.00	33.59 1.82 0.00	32.60 1.79 -0.42	30.98 1.89 -0.09	31.40 1.87 0.00	30.34 1.85 0.00	33.45 1.86 0.00	36.22 1.94 0.00	42.19 2.30 0.00	43.90 2.32 0.00	47.26 2.61 0.00	75.44 3.88 0.00	55.13 2.77 0.00	44.93 2.24 0.00	43.32 2.03 0.00	35.09 1.63 0.00
CRICKET___VALLEY_CC2 323757	67.40 2.83 0.00	34.87 1.61 0.00	35.20 1.56 0.00	35.79 1.61 0.00	38.83 1.80 0.00	42.24 1.91 0.00	33.64 1.52 0.00	35.58 1.63 0.00	37.38 1.84 0.00	33.59 1.82 0.00	32.60 1.79 -0.42	30.98 1.89 -0.09	31.40 1.87 0.00	30.34 1.85 0.00	33.45 1.86 0.00	36.22 1.94 0.00	42.19 2.30 0.00	43.90 2.32 0.00	47.26 2.61 0.00	75.44 3.88 0.00	55.13 2.77 0.00	44.93 2.24 0.00	43.32 2.03 0.00	35.09 1.63 0.00
CRICKET___VALLEY_CC3 323758	67.40 2.83 0.00	34.87 1.61 0.00	35.20 1.56 0.00	35.79 1.61 0.00	38.83 1.80 0.00	42.24 1.91 0.00	33.64 1.52 0.00	35.58 1.63 0.00	37.38 1.84 0.00	33.59 1.82 0.00	32.60 1.79 -0.42	30.98 1.89 -0.09	31.40 1.87 0.00	30.34 1.85 0.00	33.45 1.86 0.00	36.22 1.94 0.00	42.19 2.30 0.00	43.90 2.32 0.00	47.26 2.61 0.00	75.44 3.88 0.00	55.13 2.77 0.00	44.93 2.24 0.00	43.32 2.03 0.00	35.09 1.63 0.00
CRUCIBLE_METL_DRP 24180	61.15 -1.40 2.02	31.47 -0.69 1.10	31.13 -0.68 1.83	33.04 -0.70 0.44	36.29 -0.74 0.00	39.53 -0.79 0.00	31.50 -0.59 0.04	33.05 -0.65 0.24	33.73 -0.72 1.09	30.61 -0.64 0.52	29.59 -0.69 0.11	28.29 -0.72 -0.01	28.76 -0.76 0.00	27.78 -0.70 0.00	30.97 -0.61 0.00	33.66 -0.62 0.00	39.08 -0.73 0.08	40.85 -0.70 0.03	40.03 -0.77 0.03	65.73 -1.46 4.37	48.74 -1.10 2.52	40.07 -0.92 1.69	38.87 -0.91 1.51	32.58 -0.75 0.13
DAHOWA___HYDRO 323763	67.86 3.29 0.00	35.02 1.76 0.00	35.42 1.78 0.00	36.04 1.85 0.00	39.10 2.07 0.00	42.55 2.23 0.00	33.80 1.68 0.00	35.79 1.85 0.00	37.54 2.00 0.00	33.56 1.78 0.00	32.04 1.65 0.00	30.67 1.56 -0.11	30.86 1.33 0.00	29.70 1.22 0.00	32.86 1.27 0.00	35.83 1.55 0.00	41.93 2.04 0.00	43.88 2.30 0.00	47.15 2.50 0.00	75.33 3.77 0.00	54.97 2.61 0.00	44.82 2.13 0.00	43.19 1.90 0.00	34.97 1.51 0.00
DANC___LFGE 323619	61.92 -2.65 0.00	31.80 -1.46 0.00	32.13 -1.50 0.00	32.79 -1.39 0.00	35.48 -1.55 0.00	38.76 -1.56 0.00	30.81 -1.31 0.00	32.64 -1.30 0.00	33.62 -1.92 0.00	30.00 -1.78 0.00	28.93 -1.46 0.00	27.09 -1.91 0.00	27.31 -2.22 0.00	26.46 -2.02 0.00	29.77 -1.82 0.00	32.54 -1.75 0.00	38.22 -1.66 0.00	40.00 -1.58 0.00	43.15 -1.50 0.00	68.78 -2.79 0.00	50.10 -2.26 0.00	40.79 -1.90 0.00	39.87 -1.42 0.00	31.97 -1.49 0.00
DANSKAMMER___1 23586	68.14 3.58 0.00	35.22 1.97 0.00	35.55 1.92 0.00	36.17 1.99 0.00	39.22 2.19 0.00	42.69 2.37 0.00	34.01 1.89 0.00	35.97 2.03 0.00	37.80 2.26 0.00	33.97 2.20 0.00	32.52 2.13 0.00	31.32 2.23 -0.09	31.74 2.22 0.00	30.65 2.17 0.00	33.81 2.22 0.00	36.67 2.39 0.00	42.70 2.81 0.00	44.50 2.92 0.00	47.87 3.22 0.00	76.43 4.87 0.00	55.87 3.51 0.00	45.52 2.83 0.00	43.84 2.55 0.00	35.44 1.98 0.00
DANSKAMMER___2 23589	68.14 3.58 0.00	35.22 1.97 0.00	35.55 1.92 0.00	36.17 1.99 0.00	39.22 2.19 0.00	42.69 2.37 0.00	34.01 1.89 0.00	35.97 2.03 0.00	37.80 2.26 0.00	33.97 2.20 0.00	32.52 2.13 0.00	31.32 2.23 -0.09	31.74 2.22 0.00	30.65 2.17 0.00	33.81 2.22 0.00	36.67 2.39 0.00	42.70 2.81 0.00	44.50 2.92 0.00	47.87 3.22 0.00	76.43 4.87 0.00	55.87 3.51 0.00	45.52 2.83 0.00	43.84 2.55 0.00	35.44 1.98 0.00
DANSKAMMER___3 23590	68.14 3.58 0.00	35.22 1.97 0.00	35.55 1.92 0.00	36.17 1.99 0.00	39.22 2.19 0.00	42.69 2.37 0.00	34.01 1.89 0.00	35.97 2.03 0.00	37.80 2.26 0.00	33.97 2.20 0.00	32.52 2.13 0.00	31.32 2.23 -0.09	31.74 2.22 0.00	30.65 2.17 0.00	33.81 2.22 0.00	36.67 2.39 0.00	42.70 2.81 0.00	44.50 2.92 0.00	47.87 3.22 0.00	76.43 4.87 0.00	55.87 3.51 0.00	45.52 2.83 0.00	43.84 2.55 0.00	35.44 1.98 0.00

DANSKAMMER___4 23591	68.14 3.58 0.00	35.22 1.97 0.00	35.55 1.92 0.00	36.17 1.99 0.00	39.22 2.19 0.00	42.69 2.37 0.00	34.01 1.89 0.00	35.97 2.03 0.00	37.80 2.26 0.00	33.97 2.20 0.00	32.52 2.13 0.00	31.32 2.23 -0.09	31.74 2.22 0.00	30.65 2.17 0.00	33.81 2.22 0.00	36.67 2.39 0.00	42.70 2.81 0.00	44.50 2.92 0.00	47.87 3.22 0.00	76.43 4.87 0.00	55.87 3.51 0.00	45.52 2.83 0.00	43.84 2.55 0.00	35.44 1.98 0.00
DANSKAMMER___DIESEL 23592	68.10 3.53 0.00	35.23 1.97 0.00	35.56 1.92 0.00	36.18 2.00 0.00	39.22 2.19 0.00	42.70 2.38 0.00	34.02 1.90 0.00	35.97 2.03 0.00	37.80 2.26 0.00	33.97 2.20 0.00	32.53 2.14 0.00	31.32 2.23 -0.09	31.74 2.22 0.00	30.65 2.16 0.00	33.82 2.23 0.00	36.66 2.38 0.00	42.71 2.82 0.00	44.51 2.92 0.00	47.86 3.22 0.00	76.42 4.86 0.00	55.87 3.51 0.00	45.51 2.82 0.00	43.84 2.55 0.00	35.44 1.98 0.00
DARBY___SOLAR 323810	67.61 3.05 0.00	34.89 1.64 0.00	35.29 1.66 0.00	35.90 1.72 0.00	38.95 1.92 0.00	42.39 2.06 0.00	33.67 1.55 0.00	35.65 1.70 0.00	37.36 1.82 0.00	33.40 1.63 0.00	31.90 1.52 0.00	30.56 1.45 -0.11	30.77 1.24 0.00	29.65 1.16 0.00	32.79 1.20 0.00	35.71 1.43 0.00	41.81 1.92 0.00	43.72 2.13 0.00	46.96 2.31 0.00	75.03 3.46 0.00	54.78 2.42 0.00	44.68 1.99 0.00	43.07 1.78 0.00	34.88 1.42 0.00
DASHVILLE___HYD 23610	67.38 2.81 0.00	34.86 1.60 0.00	35.20 1.57 0.00	35.81 1.63 0.00	38.83 1.80 0.00	42.25 1.93 0.00	33.65 1.53 0.00	35.59 1.65 0.00	37.39 1.85 0.00	33.56 1.79 0.00	32.14 1.75 0.00	30.92 1.83 -0.09	31.38 1.85 0.00	30.27 1.79 0.00	33.39 1.80 0.00	36.15 1.87 0.00	42.16 2.27 0.00	43.97 2.38 0.00	47.31 2.66 0.00	75.56 3.99 0.00	55.22 2.86 0.00	44.98 2.29 0.00	43.33 2.05 0.00	35.04 1.58 0.00
DELAWARE___LFGE 323621	79.48 0.89 -14.02	36.07 0.53 -2.28	38.00 0.56 -3.80	35.70 0.60 -0.92	37.70 0.67 0.00	41.00 0.68 0.00	33.61 0.55 -0.94	35.05 0.61 -0.50	39.10 0.62 -2.94	33.53 0.66 -1.09	31.24 0.61 -0.23	29.60 0.57 -0.04	30.10 0.57 0.00	29.04 0.55 0.00	32.21 0.62 0.00	34.97 0.69 0.00	41.28 0.74 -0.65	44.05 0.81 -1.65	53.58 0.94 -8.00	88.48 1.33 -15.59	64.30 0.94 -10.99	48.10 0.75 -4.66	45.34 0.69 -3.36	34.25 0.51 -0.28
DERFIELD_115KV_TB7 355931	64.63 0.06 0.00	33.33 0.06 0.00	33.70 0.07 0.00	34.26 0.08 0.00	37.14 0.10 0.00	40.41 0.08 0.00	32.19 0.06 0.00	34.01 0.07 0.00	35.61 0.07 0.00	31.84 0.07 0.00	30.47 0.09 0.00	29.06 0.06 0.00	29.59 0.06 0.00	28.53 0.05 0.00	31.62 0.03 0.00	34.32 0.03 0.00	39.96 0.08 0.00	41.67 0.08 0.00	44.77 0.13 0.00	71.66 0.10 0.00	52.42 0.05 0.00	42.73 0.04 0.00	41.32 0.04 0.00	33.46 0.00 0.00
DOGLEVILLE___HYD 23807	67.41 2.84 0.00	34.71 1.45 0.00	35.11 1.47 0.00	35.80 1.62 0.00	38.81 1.78 0.00	42.19 1.87 0.00	33.65 1.52 0.00	35.73 1.79 0.00	37.21 1.67 0.00	33.34 1.57 0.00	31.83 1.45 0.00	30.14 1.14 0.00	30.34 0.81 0.00	29.34 0.84 0.00	32.10 0.51 0.00	35.11 0.82 0.00	41.31 1.43 0.00	43.33 1.75 0.00	46.76 2.12 0.00	74.54 2.97 0.00	54.35 1.98 0.00	44.44 1.75 0.00	42.74 1.45 0.00	34.42 0.96 0.00
DUNKIRK___115KV_TB_200 55889	10.33 -6.82 47.41	12.59 -3.64 17.03	10.52 -3.57 19.55	16.33 -3.46 14.39	19.94 -3.86 13.24	22.30 -3.81 14.21	16.74 -3.02 12.36	17.50 -3.39 13.05	13.23 -3.78 18.53	14.06 -3.36 14.35	16.51 -3.16 10.72	14.72 -3.05 11.22	17.36 -3.08 9.09	21.09 -3.09 4.30	18.15 -3.04 10.40	18.04 -3.31 12.93	19.87 -4.37 15.65	18.83 -4.38 18.37	11.17 -4.81 28.66	14.10 -7.93 49.53	8.89 -5.58 37.89	14.53 -4.80 23.37	22.89 -4.20 14.19	28.98 -3.30 1.18
DUNKIRK___1 23563	10.33 -6.82 47.41	12.59 -3.64 17.03	10.52 -3.57 19.55	16.33 -3.46 14.39	19.94 -3.86 13.24	22.30 -3.81 14.21	16.74 -3.02 12.36	17.50 -3.39 13.05	13.23 -3.78 18.53	14.06 -3.36 14.35	16.51 -3.16 10.72	14.72 -3.05 11.22	17.36 -3.08 9.09	21.09 -3.09 4.30	18.15 -3.04 10.40	18.04 -3.31 12.93	19.87 -4.37 15.65	18.83 -4.38 18.37	11.17 -4.81 28.66	14.10 -7.93 49.53	8.89 -5.58 37.89	14.53 -4.80 23.37	22.89 -4.20 14.19	28.98 -3.30 1.18
DUNKIRK___2 23564	10.33 -6.82 47.41	12.59 -3.64 17.03	10.52 -3.57 19.55	16.33 -3.46 14.39	19.94 -3.86 13.24	22.30 -3.81 14.21	16.74 -3.02 12.36	17.50 -3.39 13.05	13.23 -3.78 18.53	14.06 -3.36 14.35	16.51 -3.16 10.72	14.72 -3.05 11.22	17.36 -3.08 9.09	21.09 -3.09 4.30	18.15 -3.04 10.40	18.04 -3.31 12.93	19.87 -4.37 15.65	18.83 -4.38 18.37	11.17 -4.81 28.66	14.10 -7.93 49.53	8.89 -5.58 37.89	14.53 -4.80 23.37	22.89 -4.20 14.19	28.98 -3.30 1.18
DUNKIRK___3 23565	10.37 -6.48 47.72	11.89 -3.47 17.89	9.75 -3.44 20.45	14.81 -3.34 16.03	18.27 -3.68 15.08	21.02 -3.74 15.57	16.07 -2.94 13.12	16.68 -3.27 13.99	12.57 -3.63 19.35	13.31 -3.19 15.27	15.86 -3.00 11.53	13.94 -2.92 12.13	16.76 -2.94 9.83	22.05 -2.96 3.47	17.45 -2.90 11.23	17.11 -3.20 13.98	18.89 -4.26 16.75	17.82 -4.35 19.42	10.75 -4.71 29.18	14.07 -7.72 49.78	8.84 -5.41 38.12	14.13 -4.60 23.96	22.69 -4.02 14.58	29.06 -3.19 1.21
DUNKIRK___4 23566	10.37 -6.48 47.72	11.89 -3.47 17.89	9.75 -3.44 20.45	14.81 -3.34 16.03	18.27 -3.68 15.08	21.02 -3.74 15.57	16.07 -2.94 13.12	16.68 -3.27 13.99	12.57 -3.63 19.35	13.31 -3.19 15.27	15.86 -3.00 11.53	13.94 -2.92 12.13	16.76 -2.94 9.83	22.05 -2.96 3.47	17.45 -2.90 11.23	17.11 -3.20 13.98	18.89 -4.26 16.75	17.82 -4.35 19.42	10.75 -4.71 29.18	14.07 -7.72 49.78	8.84 -5.41 38.12	14.13 -4.60 23.96	22.69 -4.02 14.58	29.06 -3.19 1.21
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	68.23 3.67 0.00	35.30 2.04 0.00	35.60 1.97 0.00	36.23 2.05 0.00	39.28 2.24 0.00	42.75 2.43 0.00	34.06 1.94 0.00	36.03 2.09 0.00	37.88 2.33 0.00	34.08 2.30 0.00	33.86 2.27 -1.20	31.49 2.40 -0.09	31.91 2.38 0.00	30.80 2.32 0.00	33.94 2.35 0.00	36.79 2.50 0.00	42.81 2.92 0.00	44.55 2.97 0.00	47.93 3.29 0.00	76.49 4.92 0.00	55.98 3.62 0.00	45.64 2.95 0.00	43.95 2.67 0.00	35.52 2.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	67.57 3.00 0.00	34.95 1.69 0.00	35.28 1.64 0.00	35.89 1.71 0.00	38.92 1.89 0.00	42.35 2.03 0.00	33.74 1.62 0.00	35.69 1.75 0.00	37.49 1.95 0.00	33.67 1.90 0.00	31.90 1.86 0.35	31.05 1.97 -0.09	31.48 1.95 0.00	30.39 1.90 0.00	33.52 1.93 0.00	36.36 2.08 0.00	42.34 2.45 0.00	44.13 2.55 0.00	47.49 2.85 0.00	75.81 4.25 0.00	55.43 3.07 0.00	45.16 2.47 0.00	43.50 2.21 0.00	35.17 1.71 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	68.36 3.79 0.00	35.41 2.15 0.00	35.74 2.11 0.00	36.39 2.21 0.00	39.49 2.46 0.00	42.97 2.65 0.00	34.25 2.13 0.00	36.26 2.32 0.00	38.12 2.57 0.00	34.27 2.49 0.00	34.08 2.49 -1.20	31.70 2.62 -0.09	32.10 2.57 0.00	31.02 2.53 0.00	34.11 2.53 0.00	37.01 2.73 0.00	43.04 3.15 0.00	44.74 3.16 0.00	48.14 3.50 0.00	76.89 5.32 0.00	56.32 3.95 0.00	45.89 3.20 0.00	44.20 2.92 0.00	35.74 2.28 0.00

E179THST_13_KV_LOAD 356214	68.64 4.07 0.00	35.55 2.29 0.00	35.88 2.25 0.00	36.52 2.34 0.00	39.63 2.60 0.00	43.14 2.81 0.00	34.39 2.27 0.00	36.40 2.45 0.00	38.26 2.72 0.00	34.41 2.64 0.00	34.23 2.64 -1.20	31.84 2.76 -0.09	32.25 2.72 0.00	31.16 2.67 0.00	34.27 2.68 0.00	37.18 2.90 0.00	43.23 3.35 0.00	44.95 3.36 0.00	48.35 3.71 0.00	77.24 5.67 0.00	56.57 4.20 0.00	46.09 3.40 0.00	44.39 3.10 0.00	35.90 2.44 0.00
EAST HAMPTON___GT 23717	70.92 6.35 0.00	36.93 3.67 0.00	37.30 3.67 0.00	37.85 3.67 0.00	41.13 4.10 0.00	44.91 4.58 0.00	35.49 3.37 0.00	37.24 3.30 0.00	38.51 2.97 0.00	34.94 3.17 0.00	34.59 3.01 -1.20	31.97 2.89 -0.09	32.06 2.53 0.00	30.91 2.43 0.00	34.00 2.41 0.00	36.52 2.23 0.00	42.81 2.92 0.00	44.49 2.91 0.00	47.91 3.27 0.00	75.13 3.57 0.00	55.13 2.77 0.00	45.05 2.36 0.00	43.52 2.23 0.00	35.06 1.60 0.00
EAST RIVER___6 23660	68.36 3.80 0.00	35.34 2.08 0.00	35.65 2.02 0.00	36.28 2.09 0.00	39.33 2.30 0.00	42.83 2.51 0.00	34.13 2.01 0.00	36.13 2.19 0.00	38.02 2.47 0.00	34.22 2.45 0.00	34.01 2.41 -1.20	31.64 2.55 -0.09	32.07 2.54 0.00	30.96 2.48 0.00	34.10 2.51 0.00	36.97 2.69 0.00	43.00 3.11 0.00	44.75 3.17 0.00	48.14 3.49 0.00	76.81 5.25 0.00	56.22 3.86 0.00	45.84 3.15 0.00	44.11 2.82 0.00	35.62 2.16 0.00
EAST RIVER___7 23524	68.36 3.80 0.00	35.34 2.08 0.00	35.65 2.02 0.00	36.28 2.09 0.00	39.33 2.30 0.00	42.83 2.51 0.00	34.13 2.01 0.00	36.13 2.19 0.00	38.02 2.47 0.00	34.22 2.45 0.00	34.01 2.41 -1.20	31.64 2.55 -0.09	32.07 2.54 0.00	30.96 2.48 0.00	34.10 2.51 0.00	36.97 2.69 0.00	43.00 3.11 0.00	44.75 3.17 0.00	48.14 3.49 0.00	76.81 5.25 0.00	56.22 3.86 0.00	45.84 3.15 0.00	44.11 2.82 0.00	35.62 2.16 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	68.04 3.47 0.00	35.20 1.94 0.00	35.50 1.87 0.00	36.13 1.94 0.00	39.17 2.13 0.00	42.63 2.31 0.00	33.96 1.84 0.00	35.93 1.99 0.00	37.76 2.21 0.00	33.98 2.20 0.00	33.80 2.16 -1.25	31.38 2.29 -0.09	31.80 2.27 0.00	30.70 2.22 0.00	33.83 2.24 0.00	36.68 2.39 0.00	42.68 2.79 0.00	44.43 2.85 0.00	47.80 3.16 0.00	76.28 4.72 0.00	55.83 3.46 0.00	45.51 2.82 0.00	43.83 2.54 0.00	35.42 1.96 0.00
EAST_HAMPTON___DIESEL 23722	70.88 6.31 0.00	36.92 3.66 0.00	37.30 3.67 0.00	37.85 3.67 0.00	41.14 4.11 0.00	44.92 4.60 0.00	35.49 3.37 0.00	37.22 3.28 0.00	38.44 2.90 0.00	34.87 3.10 0.00	34.51 2.93 -1.20	31.90 2.82 -0.09	31.98 2.45 0.00	30.83 2.35 0.00	33.91 2.32 0.00	36.40 2.11 0.00	42.69 2.80 0.00	44.35 2.77 0.00	47.75 3.11 0.00	74.89 3.32 0.00	54.95 2.59 0.00	44.90 2.21 0.00	43.37 2.09 0.00	34.94 1.48 0.00
EAST_POINT___SOLAR 323840	66.94 2.37 0.00	34.49 1.23 0.00	34.87 1.24 0.00	35.47 1.29 0.00	38.41 1.38 0.00	41.89 1.57 0.00	33.49 1.36 0.00	35.37 1.43 0.00	36.28 0.74 0.00	32.39 0.62 0.00	30.89 0.50 0.00	28.69 -0.43 -0.12	28.81 -0.72 0.00	27.87 -0.62 0.00	31.28 -0.31 0.00	34.60 0.31 0.00	40.77 0.88 0.00	43.15 1.56 0.00	46.81 2.17 0.00	74.68 3.12 0.00	54.65 2.29 0.00	44.61 1.92 0.00	43.09 1.80 0.00	34.78 1.32 0.00
EAST_PULASKI___ESR 323781	62.25 -2.32 0.00	32.02 -1.24 0.00	32.37 -1.27 0.00	32.97 -1.21 0.00	35.69 -1.34 0.00	38.94 -1.39 0.00	31.01 -1.12 0.00	32.81 -1.13 0.00	33.99 -1.55 0.00	30.40 -1.38 0.00	29.20 -1.19 0.00	27.50 -1.50 -0.01	27.81 -1.72 0.00	26.90 -1.59 0.00	30.16 -1.43 0.00	32.90 -1.39 0.00	38.52 -1.37 0.00	40.26 -1.33 0.00	43.34 -1.30 0.00	69.18 -2.38 0.00	50.47 -1.89 0.00	41.07 -1.62 0.00	39.93 -1.35 0.00	32.16 -1.30 0.00
EAST_RIVER___1 323558	68.45 3.88 0.00	35.38 2.13 0.00	35.70 2.06 0.00	36.33 2.15 0.00	39.40 2.37 0.00	42.89 2.57 0.00	34.17 2.05 0.00	36.17 2.23 0.00	38.05 2.51 0.00	34.24 2.47 0.00	34.02 2.43 -1.20	31.65 2.57 -0.09	32.08 2.55 0.00	30.98 2.49 0.00	34.11 2.53 0.00	37.00 2.71 0.00	43.02 3.14 0.00	44.77 3.19 0.00	48.16 3.52 0.00	76.84 5.28 0.00	56.27 3.90 0.00	45.87 3.18 0.00	44.14 2.85 0.00	35.66 2.20 0.00
EAST_RIVER___2 323559	68.36 3.80 0.00	35.34 2.08 0.00	35.65 2.02 0.00	36.28 2.09 0.00	39.33 2.30 0.00	42.83 2.51 0.00	34.13 2.01 0.00	36.13 2.19 0.00	38.02 2.47 0.00	34.22 2.45 0.00	34.01 2.41 -1.20	31.64 2.55 -0.09	32.07 2.54 0.00	30.96 2.48 0.00	34.10 2.51 0.00	36.97 2.69 0.00	43.00 3.11 0.00	44.75 3.17 0.00	48.14 3.49 0.00	76.81 5.25 0.00	56.22 3.86 0.00	45.84 3.15 0.00	44.11 2.82 0.00	35.62 2.16 0.00
EAST___DELAWARE_HYD 23607	67.65 3.08 0.00	34.93 1.68 0.00	35.25 1.62 0.00	35.87 1.69 0.00	38.89 1.86 0.00	42.35 2.03 0.00	33.76 1.63 0.00	35.71 1.77 0.00	37.49 1.95 0.00	33.67 1.90 0.00	31.97 1.84 0.26	30.94 1.87 -0.08	31.36 1.83 0.00	30.25 1.76 0.00	33.39 1.81 0.00	36.26 1.98 0.00	42.28 2.39 0.00	44.15 2.56 0.00	47.53 2.88 0.00	75.94 4.38 0.00	55.47 3.11 0.00	45.17 2.48 0.00	43.49 2.21 0.00	35.16 1.69 0.00
EIGHT_POINT___WT_PWR 323820	15.46 -6.94 42.16	53.09 -3.84 -23.67	41.76 -4.00 -12.13	64.79 -4.00 -34.61	76.41 -3.81 -43.19	81.31 -4.01 -45.00	54.44 -3.45 -25.77	64.82 -3.47 -34.34	50.99 -3.76 -19.20	59.08 -3.50 -30.81	57.26 -3.66 -30.53	60.69 -3.55 -35.25	54.36 -3.68 -28.51	32.26 -3.44 -7.21	60.28 -3.20 -31.90	71.26 -3.56 -40.53	76.13 -3.90 -40.14	72.79 -3.53 -34.73	25.36 -4.88 14.40	10.80 -7.49 53.27	16.56 -5.81 30.00	48.46 -4.76 -10.53	37.12 -4.64 -0.47	29.74 -3.79 -0.06
ELBRIDGE_115KV_TB2 80188	54.85 -1.79 7.92	31.09 -0.87 1.30	30.61 -0.85 2.17	32.79 -0.87 0.53	36.11 -0.92 0.00	39.33 -0.99 0.00	30.84 -0.75 0.53	32.82 -0.83 0.29	32.98 -0.89 1.68	30.33 -0.82 0.62	29.39 -0.86 0.13	28.13 -0.88 -0.01	28.60 -0.93 0.00	27.63 -0.85 0.00	30.81 -0.77 0.00	33.48 -0.80 0.00	38.59 -0.94 0.37	39.72 -0.93 0.93	39.05 -1.03 4.57	60.83 -1.88 8.85	44.75 -1.38 6.23	38.91 -1.13 2.65	38.28 -1.09 1.92	32.41 -0.89 0.16
ELEC_TRO_TEK 24086	68.38 3.82 0.00	35.46 2.20 0.00	35.74 2.11 0.00	36.37 2.18 0.00	39.47 2.43 0.00	42.98 2.66 0.00	34.14 2.02 0.00	36.08 2.14 0.00	37.97 2.42 0.00	34.32 2.54 0.00	34.08 2.49 -1.20	31.66 2.57 -0.09	32.04 2.51 0.00	30.93 2.44 0.00	34.03 2.45 0.00	36.84 2.55 0.00	42.87 2.98 0.00	44.62 3.03 0.00	48.02 3.37 0.00	76.37 4.81 0.00	56.01 3.65 0.00	45.77 3.08 0.00	44.10 2.82 0.00	35.62 2.15 0.00
ELLENBURG_WT_PWR 323604	64.56 0.00 0.00	33.24 -0.02 0.00	33.49 -0.14 0.00	33.86 -0.33 0.00	36.47 -0.56 0.00	39.98 -0.34 0.00	31.62 -0.50 0.00	33.44 -0.50 0.00	35.05 -0.49 0.00	31.21 -0.56 0.00	29.92 -0.47 0.00	28.41 -0.58 0.00	29.11 -0.42 0.00	28.02 -0.47 0.00	31.12 -0.47 0.00	33.75 -0.53 0.00	39.16 -0.73 0.00	40.79 -0.80 0.00	43.52 -1.12 0.00	69.74 -1.82 0.00	51.16 -1.20 0.00	41.78 -0.91 0.00	40.55 -0.74 0.00	33.00 -0.46 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.31 -6.27 45.99	11.25 -3.44 18.57	9.37 -3.45 20.81	13.90 -3.46 16.82	17.14 -3.83 16.06	19.61 -4.00 16.71	15.36 -3.02 13.74	15.68 -3.35 14.91	12.09 -3.60 19.86	12.53 -3.14 16.11	15.04 -3.00 12.35	12.94 -2.99 13.06	15.94 -3.01 10.58	22.62 -3.06 2.82	16.46 -3.04 12.09	15.87 -3.36 15.05	17.70 -4.41 17.78	16.69 -4.67 20.23	10.72 -4.96 28.96	15.44 -8.03 48.09	9.87 -5.56 36.93	13.92 -4.69 24.08	22.65 -4.00 14.64	29.09 -3.15 1.22
EMPIRE_CC_1 323656	66.44 1.87 0.00	34.43 1.17 0.00	34.85 1.22 0.00	35.45 1.27 0.00	38.45 1.42 0.00	41.80 1.47 0.00	33.09 0.97 0.00	34.96 1.02 0.00	36.67 1.13 0.00	32.81 1.04 0.00	31.63 1.04 -0.20	30.17 1.07 -0.10	30.59 1.06 0.00	29.62 1.13 0.00	32.67 1.08 0.00	35.38 1.10 0.00	41.21 1.32 0.00	42.85 1.26 0.00	45.97 1.32 0.00	73.43 1.87 0.00	53.75 1.38 0.00	43.87 1.18 0.00	42.33 1.05 0.00	34.43 0.97 0.00
EMPIRE_CC_2 323658	66.44 1.87 0.00	34.43 1.17 0.00	34.85 1.22 0.00	35.45 1.27 0.00	38.45 1.42 0.00	41.80 1.47 0.00	33.09 0.97 0.00	34.96 1.02 0.00	36.67 1.13 0.00	32.81 1.04 0.00	31.63 1.04 -0.20	30.17 1.07 -0.10	30.59 1.06 0.00	29.62 1.13 0.00	32.67 1.08 0.00	35.38 1.10 0.00	41.21 1.32 0.00	42.85 1.26 0.00	45.97 1.32 0.00	73.43 1.87 0.00	53.75 1.38 0.00	43.87 1.18 0.00	42.33 1.05 0.00	34.43 0.97 0.00
ENORWICH_115KV_TB1 80156	72.42 -0.39 -8.24	35.75 -0.19 -2.68	36.64 -0.24 -3.24	36.19 -0.21 -2.22	38.80 -0.19 -1.96	42.19 -0.17 -2.04	33.93 -0.04 -1.85	36.04 0.18 -1.91	38.59 0.09 -2.97	34.27 0.33 -2.17	31.96 0.02 -1.55	30.17 -0.46 -1.63	30.10 -0.72 -1.29	28.02 -0.77 -0.30	32.49 -0.51 -1.42	35.92 -0.20 -1.83	41.86 -0.32 -2.29	44.42 0.05 -2.78	50.08 0.43 -5.00	80.82 0.48 -8.77	59.18 0.26 -6.56	46.75 0.27 -3.79	43.98 0.29 -2.40	33.83 0.17 -0.20
ERIE_ST__34_KV_TB1-2 80199	14.03 -4.80 45.74	14.23 -2.70 16.33	12.07 -2.70 18.86	17.23 -2.72 14.24	20.82 -3.03 13.18	23.44 -3.13 13.75	17.94 -2.31 11.87	18.89 -2.54 12.51	14.98 -2.77 17.79	15.61 -2.40 13.76	17.84 -2.28 10.27	15.91 -2.33 10.76	18.50 -2.32 8.72	24.07 -2.38 2.04	19.37 -2.24 9.98	19.37 -2.52 12.40	21.42 -3.45 15.01	20.29 -3.65 17.65	13.34 -3.80 27.49	17.83 -6.05 47.68	12.13 -4.01 36.22	17.22 -3.41 22.06	24.84 -2.83 13.62	30.06 -2.27 1.13
ERIE_WT_PWR 323693	12.27 -6.08 46.21	12.48 -3.23 17.55	10.44 -3.23 19.96	15.37 -3.23 15.59	18.78 -3.58 14.67	21.34 -3.69 15.29	16.44 -2.81 12.87	17.09 -3.07 13.78	13.24 -3.36 18.94	13.88 -2.88 15.01	16.25 -2.78 11.36	14.27 -2.76 11.96	17.03 -2.80 9.69	23.36 -2.86 2.27	17.78 -2.73 11.08	17.45 -3.05 13.78	19.33 -4.09 16.47	18.22 -4.33 19.04	11.52 -4.67 28.45	15.74 -7.55 48.27	10.35 -5.18 36.83	15.09 -4.41 23.19	23.33 -3.72 14.23	29.36 -2.92 1.18
ESPRGFLD_115KV_TB1 80157	66.88 0.17 -2.15	34.54 0.12 -1.16	35.70 0.12 -1.94	34.83 0.17 -0.47	37.19 0.15 0.00	40.52 0.20 0.00	32.43 0.28 -0.04	34.49 0.29 -0.26	36.88 0.17 -1.16	32.52 0.19 -0.56	30.61 0.11 -0.12	28.82 -0.18 0.00	29.31 -0.22 0.00	28.25 -0.24 0.00	31.53 -0.06 0.00	34.44 0.16 0.00	40.11 0.13 -0.09	41.92 0.30 -0.03	49.34 0.61 -4.08	76.90 0.69 -4.65	55.60 0.56 -2.67	44.96 0.47 -1.80	43.41 0.52 -1.61	33.92 0.31 -0.14
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.14 -0.68 15.75	32.75 -0.31 0.21	30.72 -0.31 2.61	35.87 -0.29 -1.98	40.30 -0.30 -3.57	43.73 -0.31 -3.72	33.25 -0.20 -1.33	36.09 -0.21 -2.36	34.12 -0.29 1.14	33.03 -0.25 -1.51	32.20 -0.48 -2.30	31.37 -0.55 -2.93	31.18 -0.71 -2.36	28.32 -0.71 -0.55	33.78 -0.41 -2.61	37.35 -0.28 -3.35	42.33 -0.31 -2.75	42.90 -0.16 -1.47	35.76 -0.10 8.79	52.66 -0.39 18.52	39.72 -0.33 12.32	38.96 -0.29 3.44	37.83 -0.33 3.13	32.91 -0.30 0.26
ETNA_____115KV_TB2 80207	48.14 -0.68 15.75	32.75 -0.31 0.21	30.72 -0.31 2.61	35.87 -0.29 -1.98	40.30 -0.30 -3.57	43.73 -0.31 -3.72	33.25 -0.20 -1.33	36.09 -0.21 -2.36	34.12 -0.29 1.14	33.03 -0.25 -1.51	32.20 -0.48 -2.30	31.37 -0.55 -2.93	31.18 -0.71 -2.36	28.32 -0.71 -0.55	33.78 -0.41 -2.61	37.35 -0.28 -3.35	42.33 -0.31 -2.75	42.90 -0.16 -1.47	35.76 -0.10 8.79	52.66 -0.39 18.52	39.72 -0.33 12.32	38.96 -0.29 3.44	37.83 -0.33 3.13	32.91 -0.30 0.26
EUCLID___115KV_TB2 356179	62.60 -1.97 0.00	32.28 -0.98 0.00	32.64 -0.99 0.00	33.18 -1.01 0.00	35.93 -1.10 0.00	39.15 -1.18 0.00	31.22 -0.90 0.00	32.97 -0.97 0.00	34.49 -1.06 0.00	30.84 -0.93 0.00	29.45 -0.94 0.00	28.07 -0.93 -0.01	28.56 -0.97 0.00	27.57 -0.92 0.00	30.67 -0.92 0.00	33.31 -0.97 0.00	38.75 -1.14 0.00	40.43 -1.15 0.00	43.41 -1.24 0.00	69.43 -2.13 0.00	50.78 -1.58 0.00	41.37 -1.32 0.00	40.01 -1.28 0.00	32.42 -1.04 0.00
E_CANADA_CAP_HY 24051	65.22 0.65 0.00	33.60 0.34 0.00	33.98 0.35 0.00	34.59 0.41 0.00	37.44 0.41 0.00	40.81 0.48 0.00	32.64 0.52 0.00	34.49 0.55 0.00	35.85 0.31 0.00	31.98 0.20 0.00	30.50 0.11 0.00	28.82 -0.31 -0.13	29.04 -0.49 0.00	28.02 -0.47 0.00	31.28 -0.31 0.00	34.30 0.01 0.00	40.07 0.18 0.00	42.06 0.48 0.00	45.57 0.92 0.00	72.70 1.14 0.00	53.27 0.90 0.00	43.55 0.86 0.00	42.18 0.90 0.00	34.07 0.61 0.00
E_CANADA_MHWK_HY 24050	67.40 2.84 0.00	34.71 1.45 0.00	35.11 1.48 0.00	35.80 1.62 0.00	38.81 1.78 0.00	42.19 1.87 0.00	33.65 1.52 0.00	35.73 1.79 0.00	37.21 1.67 0.00	33.34 1.57 0.00	31.83 1.45 0.00	30.14 1.14 0.00	30.34 0.81 0.00	29.33 0.84 0.00	32.10 0.51 0.00	35.10 0.82 0.00	41.31 1.43 0.00	43.34 1.75 0.00	46.76 2.12 0.00	74.52 2.96 0.00	54.35 1.98 0.00	44.43 1.74 0.00	42.74 1.45 0.00	34.42 0.96 0.00
E_FISHKILL___LBMP 23776	67.47 2.91 0.00	34.93 1.67 0.00	35.25 1.62 0.00	35.86 1.68 0.00	38.89 1.86 0.00	42.31 1.99 0.00	33.69 1.57 0.00	35.64 1.69 0.00	37.44 1.90 0.00	33.65 1.87 0.00	32.52 1.84 -0.30	31.04 1.95 -0.09	31.47 1.94 0.00	30.39 1.90 0.00	33.51 1.92 0.00	36.30 2.02 0.00	42.27 2.38 0.00	44.01 2.42 0.00	47.33 2.69 0.00	75.57 4.00 0.00	55.28 2.91 0.00	45.06 2.37 0.00	43.42 2.13 0.00	35.12 1.66 0.00
FALCON___SEABRD_CC1 323796	65.25 0.68 0.00	33.66 0.40 0.00	33.87 0.24 0.00	34.21 0.03 0.00	36.88 -0.15 0.00	40.40 0.08 0.00	31.98 -0.14 0.00	33.86 -0.08 0.00	35.48 -0.06 0.00	31.59 -0.18 0.00	30.25 -0.14 0.00	28.70 -0.30 0.00	29.39 -0.14 0.00	28.24 -0.24 0.00	31.37 -0.22 0.00	34.09 -0.19 0.00	39.55 -0.33 0.00	41.31 -0.28 0.00	44.09 -0.56 0.00	70.50 -1.06 0.00	51.73 -0.63 0.00	42.25 -0.44 0.00	41.02 -0.27 0.00	33.35 -0.11 0.00
FALCON___SEABRD_CC2 323797	65.25 0.68 0.00	33.66 0.40 0.00	33.87 0.24 0.00	34.21 0.03 0.00	36.88 -0.15 0.00	40.40 0.08 0.00	31.98 -0.14 0.00	33.86 -0.08 0.00	35.48 -0.06 0.00	31.59 -0.18 0.00	30.25 -0.14 0.00	28.70 -0.30 0.00	29.39 -0.14 0.00	28.24 -0.24 0.00	31.37 -0.22 0.00	34.09 -0.19 0.00	39.55 -0.33 0.00	41.31 -0.28 0.00	44.09 -0.56 0.00	70.50 -1.06 0.00	51.73 -0.63 0.00	42.25 -0.44 0.00	41.02 -0.27 0.00	33.35 -0.11 0.00

FAR ROCKAWAY___4 23548	69.19 4.62 0.00	35.86 2.60 0.00	36.16 2.53 0.00	36.80 2.62 0.00	39.94 2.91 0.00	43.49 3.17 0.00	34.53 2.41 0.00	36.51 2.57 0.00	38.41 2.87 0.00	34.73 2.95 0.00	34.47 2.89 -1.20	32.02 2.94 -0.09	32.40 2.87 0.00	31.29 2.80 0.00	34.45 2.86 0.00	37.31 3.03 0.00	43.42 3.53 0.00	45.22 3.63 0.00	48.64 4.00 0.00	77.37 5.81 0.00	56.74 4.38 0.00	46.37 3.68 0.00	44.66 3.38 0.00	36.05 2.59 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	68.46 3.90 0.00	35.43 2.17 0.00	35.74 2.10 0.00	36.38 2.20 0.00	39.44 2.41 0.00	42.93 2.61 0.00	34.22 2.09 0.00	36.23 2.28 0.00	38.09 2.54 0.00	34.28 2.51 0.00	34.06 2.47 -1.20	31.69 2.61 -0.09	32.12 2.59 0.00	31.01 2.52 0.00	34.15 2.57 0.00	37.03 2.75 0.00	43.07 3.18 0.00	44.80 3.22 0.00	48.19 3.55 0.00	76.89 5.32 0.00	56.30 3.94 0.00	45.91 3.21 0.00	44.20 2.91 0.00	35.71 2.25 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	68.49 3.93 0.00	35.43 2.17 0.00	35.75 2.12 0.00	36.39 2.20 0.00	39.46 2.43 0.00	42.95 2.63 0.00	34.23 2.10 0.00	36.23 2.29 0.00	38.10 2.56 0.00	34.30 2.52 0.00	34.08 2.48 -1.20	31.70 2.61 -0.09	32.13 2.60 0.00	31.02 2.54 0.00	34.16 2.58 0.00	37.04 2.76 0.00	43.09 3.19 0.00	44.82 3.24 0.00	48.21 3.57 0.00	76.94 5.37 0.00	56.34 3.97 0.00	45.92 3.23 0.00	44.21 2.93 0.00	35.72 2.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	68.42 3.85 0.00	35.40 2.14 0.00	35.72 2.08 0.00	36.36 2.18 0.00	39.42 2.39 0.00	42.91 2.59 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.06 2.52 0.00	34.26 2.49 0.00	34.04 2.45 -1.20	31.67 2.58 -0.09	32.09 2.56 0.00	30.99 2.51 0.00	34.13 2.54 0.00	37.00 2.72 0.00	43.04 3.15 0.00	44.78 3.20 0.00	48.16 3.52 0.00	76.85 5.29 0.00	56.28 3.91 0.00	45.88 3.18 0.00	44.16 2.88 0.00	35.67 2.22 0.00
FARRAGUT___LBMP 323566	68.38 3.81 0.00	35.38 2.12 0.00	35.70 2.06 0.00	36.34 2.16 0.00	39.40 2.37 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.17 2.23 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.65 2.57 -0.09	32.07 2.54 0.00	30.97 2.49 0.00	34.12 2.53 0.00	36.98 2.70 0.00	43.01 3.12 0.00	44.75 3.17 0.00	48.12 3.48 0.00	76.80 5.24 0.00	56.24 3.88 0.00	45.85 3.16 0.00	44.14 2.85 0.00	35.66 2.20 0.00
FENNER___WINDPWR 24204	64.46 -0.10 0.00	33.23 -0.03 0.00	33.61 -0.02 0.00	34.19 0.01 0.00	37.04 0.01 0.00	40.36 0.04 0.00	32.17 0.04 0.00	34.01 0.07 0.00	35.45 -0.09 0.00	31.74 -0.03 0.00	30.31 -0.07 0.00	28.71 -0.30 -0.01	29.21 -0.32 0.00	28.13 -0.36 0.00	31.35 -0.24 0.00	34.19 -0.10 0.00	39.85 0.12 0.00	41.71 0.19 0.00	44.83 0.19 0.00	71.63 0.07 0.00	52.37 0.00 0.00	42.65 -0.04 0.00	41.25 -0.04 0.00	33.33 -0.13 0.00
FIBERTEK___ENERGY 23856	61.15 -1.40 2.02	31.47 -0.69 1.10	31.13 -0.68 1.83	33.04 -0.70 0.44	36.29 -0.74 0.00	39.53 -0.79 0.00	31.50 -0.59 0.04	33.05 -0.65 0.24	33.73 -0.72 1.09	30.61 -0.64 0.52	29.59 -0.69 0.11	28.29 -0.72 -0.01	28.76 -0.76 0.00	27.78 -0.70 0.00	30.97 -0.61 0.00	33.66 -0.62 0.00	39.08 -0.73 0.08	40.85 -0.70 0.03	40.03 -0.77 0.03	65.73 -1.46 3.84	48.74 -1.10 4.37	40.07 -0.92 2.52	38.87 -0.91 1.69	32.58 -0.75 0.13
FITZPATRICK___ 23598	61.87 -2.69 0.00	31.92 -1.34 0.00	32.28 -1.35 0.00	32.80 -1.38 0.00	35.53 -1.50 0.00	38.70 -1.62 0.00	30.87 -1.25 0.00	32.59 -1.35 0.00	34.09 -1.46 0.00	30.46 -1.31 0.00	29.10 -1.29 0.00	27.75 -1.25 -0.01	28.23 -1.30 0.00	27.24 -1.24 0.00	30.29 -1.30 0.00	32.89 -1.39 0.00	38.25 -1.64 0.00	39.90 -1.68 0.00	42.83 -1.81 0.00	68.52 -3.05 0.00	50.13 -2.24 0.00	40.85 -1.84 0.00	39.54 -1.75 0.00	32.03 -1.43 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	68.26 3.69 0.00	35.31 2.05 0.00	35.63 2.00 0.00	36.25 2.07 0.00	39.31 2.28 0.00	42.79 2.47 0.00	34.09 1.97 0.00	36.06 2.12 0.00	37.89 2.35 0.00	34.05 2.28 0.00	32.61 2.22 0.00	31.39 2.31 -0.09	31.83 2.30 0.00	30.73 2.25 0.00	33.90 2.31 0.00	36.76 2.48 0.00	42.82 2.93 0.00	44.61 3.03 0.00	47.99 3.34 0.00	76.62 5.06 0.00	56.01 3.64 0.00	45.62 2.93 0.00	43.94 2.65 0.00	35.52 2.06 0.00
FORT ORANGE___ 23900	67.37 2.80 0.00	34.82 1.56 0.00	35.22 1.59 0.00	35.83 1.65 0.00	38.85 1.82 0.00	42.26 1.94 0.00	33.57 1.45 0.00	35.48 1.54 0.00	37.20 1.66 0.00	33.25 1.48 0.00	31.84 1.45 0.00	30.54 1.44 -0.11	30.94 1.41 0.00	29.89 1.41 0.00	33.02 1.44 0.00	35.81 1.53 0.00	41.84 1.95 0.00	43.62 2.04 0.00	46.82 2.18 0.00	74.82 3.26 0.00	54.72 2.35 0.00	44.61 1.92 0.00	43.03 1.74 0.00	34.88 1.42 0.00
FORT_DRUM_COGEN 23780	62.63 -1.94 0.00	32.10 -1.16 0.00	32.46 -1.17 0.00	33.20 -0.99 0.00	35.90 -1.13 0.00	39.21 -1.11 0.00	31.14 -0.99 0.00	32.99 -0.95 0.00	33.84 -1.71 0.00	30.08 -1.69 0.00	29.12 -1.27 0.00	27.14 -1.87 0.00	27.33 -2.20 0.00	26.49 -2.00 0.00	29.84 -1.75 0.00	32.69 -1.59 0.00	38.55 -1.34 0.00	40.40 -1.18 0.00	43.68 -0.97 0.00	69.50 -2.06 0.00	50.55 -1.82 0.00	41.17 -1.52 0.00	40.39 -0.89 0.00	32.31 -1.15 0.00
FOX_HILLS___ESR 323835	68.30 3.74 0.00	35.34 2.08 0.00	35.60 1.96 0.00	36.18 2.00 0.00	39.26 2.23 0.00	42.74 2.41 0.00	34.06 1.94 0.00	36.07 2.13 0.00	37.93 2.39 0.00	34.09 2.32 0.00	33.87 2.28 -1.20	31.50 2.42 -0.09	31.93 2.40 0.00	30.84 2.36 0.00	33.94 2.35 0.00	36.84 2.56 0.00	42.85 2.96 0.00	44.58 3.00 0.00	48.07 3.43 0.00	76.77 5.21 0.00	56.21 3.84 0.00	45.85 3.16 0.00	44.13 2.84 0.00	35.64 2.18 0.00
FPL_FAR_ROCK_GT1 24212	69.36 4.79 0.00	35.86 2.61 0.00	36.16 2.52 0.00	36.79 2.61 0.00	39.93 2.90 0.00	43.49 3.17 0.00	34.52 2.40 0.00	36.49 2.55 0.00	38.41 2.87 0.00	34.72 2.95 0.00	34.47 2.88 -1.20	32.02 2.93 -0.09	32.40 2.87 0.00	31.28 2.80 0.00	34.44 2.85 0.00	37.32 3.03 0.00	43.41 3.53 0.00	45.22 3.64 0.00	48.66 4.02 0.00	77.42 5.86 0.00	56.75 4.39 0.00	46.39 3.70 0.00	44.67 3.38 0.00	36.05 2.59 0.00
FPL_FAR_ROCK_GT2 23815	69.36 4.79 0.00	35.86 2.61 0.00	36.16 2.52 0.00	36.79 2.61 0.00	39.93 2.90 0.00	43.49 3.17 0.00	34.52 2.40 0.00	36.49 2.55 0.00	38.41 2.87 0.00	34.72 2.95 0.00	34.47 2.88 -1.20	32.02 2.93 -0.09	32.40 2.87 0.00	31.28 2.80 0.00	34.44 2.85 0.00	37.32 3.03 0.00	43.41 3.53 0.00	45.22 3.64 0.00	48.66 4.02 0.00	77.42 5.86 0.00	56.75 4.39 0.00	46.39 3.70 0.00	44.67 3.38 0.00	36.05 2.59 0.00
FRANKLIN_FALL_HYD 24054	65.52 0.95 0.00	33.83 0.57 0.00	34.05 0.41 0.00	34.42 0.24 0.00	37.12 0.08 0.00	40.66 0.34 0.00	32.24 0.11 0.00	34.12 0.18 0.00	35.76 0.21 0.00	31.74 -0.03 0.00	30.36 -0.03 0.00	28.72 -0.28 0.00	29.34 -0.19 0.00	28.27 -0.21 0.00	31.50 -0.09 0.00	34.23 -0.06 0.00	39.80 -0.10 0.00	41.47 -0.12 0.00	44.25 -0.39 0.00	70.71 -0.86 0.00	51.92 -0.44 0.00	42.44 -0.25 0.00	41.23 -0.06 0.00	33.49 0.03 0.00

FREEPORT_EQUS_GT1 23764	68.93 4.36 0.00	35.64 2.38 0.00	35.92 2.29 0.00	36.55 2.37 0.00	39.67 2.64 0.00	43.21 2.89 0.00	34.28 2.16 0.00	36.22 2.28 0.00	38.14 2.60 0.00	34.52 2.75 0.00	34.27 2.68 -1.20	31.83 2.74 -0.09	32.20 2.67 0.00	31.08 2.59 0.00	34.18 2.60 0.00	37.02 2.74 0.00	43.07 3.18 0.00	44.82 3.24 0.00	48.27 3.63 0.00	76.75 5.19 0.00	56.29 3.93 0.00	46.05 3.35 0.00	44.34 3.06 0.00	35.80 2.34 0.00
FREEPORT___CT2 23818	68.93 4.36 0.00	35.64 2.38 0.00	35.92 2.29 0.00	36.55 2.37 0.00	39.67 2.64 0.00	43.21 2.89 0.00	34.28 2.16 0.00	36.22 2.28 0.00	38.14 2.60 0.00	34.52 2.75 0.00	34.27 2.68 -1.20	31.83 2.74 -0.09	32.20 2.67 0.00	31.08 2.59 0.00	34.18 2.60 0.00	37.02 2.74 0.00	43.07 3.18 0.00	44.82 3.24 0.00	48.27 3.63 0.00	76.75 5.19 0.00	56.29 3.93 0.00	46.05 3.35 0.00	44.34 3.06 0.00	35.80 2.34 0.00
FRESHKLS_33_KV_LOAD 356253	68.26 3.69 0.00	35.36 2.10 0.00	35.58 1.95 0.00	36.15 1.97 0.00	39.22 2.19 0.00	42.68 2.35 0.00	34.02 1.90 0.00	36.03 2.09 0.00	37.87 2.33 0.00	34.03 2.26 0.00	33.81 2.22 -1.20	31.44 2.36 -0.09	31.86 2.33 0.00	30.77 2.28 0.00	33.86 2.28 0.00	36.75 2.47 0.00	42.76 2.87 0.00	44.51 2.93 0.00	48.04 3.39 0.00	76.71 5.15 0.00	56.17 3.81 0.00	45.82 3.13 0.00	44.12 2.83 0.00	35.62 2.15 0.00
FULTON COGEN____ 23766	61.90 -2.66 0.00	31.92 -1.34 0.00	32.27 -1.37 0.00	32.80 -1.38 0.00	35.53 -1.51 0.00	38.70 -1.62 0.00	30.86 -1.26 0.00	32.61 -1.33 0.00	34.07 -1.47 0.00	30.49 -1.29 0.00	29.13 -1.26 0.00	27.73 -1.27 -0.01	28.17 -1.36 0.00	27.20 -1.28 0.00	30.29 -1.30 0.00	32.93 -1.36 0.00	38.33 -1.56 0.00	40.00 -1.58 0.00	42.96 -1.68 0.00	68.73 -2.84 0.00	50.25 -2.11 0.00	40.92 -1.78 0.00	39.58 -1.71 0.00	32.05 -1.41 0.00
FULTON___LFGE 323630	66.67 2.10 0.00	34.36 1.10 0.00	34.74 1.10 0.00	35.32 1.14 0.00	38.28 1.25 0.00	41.69 1.37 0.00	33.29 1.17 0.00	35.22 1.28 0.00	36.61 1.07 0.00	32.55 0.78 0.00	31.02 0.64 0.00	29.30 0.18 -0.12	29.36 -0.17 0.00	28.34 -0.14 0.00	31.46 -0.13 0.00	34.57 0.28 0.00	40.78 0.89 0.00	43.02 1.44 0.00	46.54 1.90 0.00	74.32 2.76 0.00	54.39 2.03 0.00	44.39 1.70 0.00	42.88 1.60 0.00	34.64 1.18 0.00
G.F.CEMENT___DRP 24184	67.93 3.36 0.00	35.06 1.80 0.00	35.45 1.82 0.00	36.09 1.91 0.00	39.18 2.15 0.00	42.63 2.31 0.00	33.84 1.72 0.00	35.88 1.94 0.00	37.64 2.10 0.00	33.66 1.88 0.00	32.14 1.75 0.00	30.74 1.63 -0.11	30.90 1.37 0.00	29.73 1.25 0.00	32.93 1.34 0.00	35.83 1.55 0.00	41.99 2.10 0.00	43.97 2.38 0.00	47.29 2.64 0.00	75.52 3.96 0.00	55.06 2.69 0.00	44.88 2.19 0.00	43.24 1.96 0.00	35.00 1.54 0.00
GARDENVILLE___LBMP 24039	10.53 -6.15 47.89	9.91 -3.38 19.96	8.05 -3.40 22.19	12.53 -3.39 18.26	15.72 -3.74 17.57	18.15 -3.89 18.29	14.31 -2.95 14.86	14.44 -3.25 16.24	10.76 -3.53 21.26	11.24 -3.07 17.46	13.97 -2.95 13.47	11.76 -2.93 14.30	15.00 -2.95 11.58	22.42 -2.99 3.08	15.44 -2.94 13.20	14.55 -3.27 16.47	16.24 -4.31 19.34	15.21 -4.54 21.83	9.36 -4.82 30.47	13.74 -7.77 50.05	8.41 -5.40 38.55	12.53 -4.56 25.60	21.88 -3.92 15.49	29.08 -3.09 1.29
GARDNVLA_35_KV_LD 355827	12.97 -5.69 45.91	12.99 -3.16 17.11	10.91 -3.17 19.56	15.89 -3.19 15.10	19.37 -3.54 14.13	21.92 -3.65 14.75	16.88 -2.74 12.51	17.61 -3.00 13.33	13.77 -3.25 18.52	14.39 -2.82 14.57	16.71 -2.70 10.97	14.75 -2.71 11.54	17.47 -2.71 9.35	23.55 -2.74 2.19	18.20 -2.70 10.69	18.00 -2.99 13.29	19.97 -3.97 15.95	18.85 -4.21 18.53	12.13 -4.44 28.08	16.44 -7.17 47.95	10.88 -4.96 36.53	15.73 -4.20 22.76	23.71 -3.58 14.00	29.50 -2.80 1.16
GELCKHM___115KV_LOAD 80723	62.82 -1.75 0.00	32.39 -0.88 0.00	32.76 -0.87 0.00	33.28 -0.90 0.00	36.06 -0.96 0.00	39.29 -1.04 0.00	31.34 -0.78 0.00	33.09 -0.86 0.00	34.61 -0.93 0.00	30.95 -0.82 0.00	29.54 -0.85 0.00	28.15 -0.85 -0.01	28.64 -0.89 0.00	27.64 -0.84 0.00	30.78 -0.80 0.00	33.45 -0.84 0.00	38.91 -0.98 0.00	40.60 -0.99 0.00	43.57 -1.08 0.00	69.66 -1.90 0.00	50.96 -1.40 0.00	41.52 -1.18 0.00	40.15 -1.14 0.00	32.53 -0.93 0.00
GENERAL___MILLS 23808	12.47 -5.88 46.21	12.47 -3.24 17.55	10.42 -3.25 19.96	15.33 -3.26 15.59	18.75 -3.62 14.67	21.29 -3.74 15.29	16.43 -2.82 12.87	17.06 -3.10 13.78	13.23 -3.37 18.94	13.84 -2.92 15.01	16.22 -2.81 11.36	14.22 -2.81 11.96	17.02 -2.82 9.69	23.35 -2.87 2.27	17.70 -2.81 11.08	17.39 -3.11 13.78	19.28 -4.13 16.47	18.18 -4.37 19.04	11.59 -4.61 28.45	15.87 -7.42 48.27	10.40 -5.13 36.83	15.16 -4.34 23.19	23.35 -3.70 14.23	29.36 -2.92 1.18
GE_PLASTICS___DRP 24183	66.65 2.08 0.00	34.44 1.18 0.00	34.85 1.22 0.00	35.46 1.27 0.00	38.43 1.40 0.00	41.80 1.47 0.00	33.21 1.09 0.00	35.10 1.16 0.00	36.80 1.26 0.00	32.94 1.17 0.00	31.53 1.14 0.00	30.27 1.16 -0.11	30.69 1.16 0.00	29.64 1.16 0.00	32.76 1.17 0.00	35.52 1.24 0.00	41.40 1.51 0.00	43.13 1.55 0.00	46.29 1.65 0.00	74.00 2.44 0.00	54.13 1.77 0.00	44.14 1.45 0.00	42.59 1.31 0.00	34.53 1.07 0.00
GILBOA___1 23756	66.00 1.43 0.00	34.10 0.84 0.00	34.59 0.95 0.00	35.17 0.99 0.00	38.13 1.10 0.00	41.38 1.05 0.00	32.91 0.79 0.00	34.79 0.85 0.00	36.47 0.93 0.00	32.68 0.91 0.00	31.27 0.88 0.00	30.01 0.92 -0.09	30.54 1.01 0.00	29.48 0.99 0.00	32.59 1.01 0.00	35.25 0.97 0.00	41.04 1.15 0.00	42.76 1.18 0.00	45.93 1.29 0.00	73.44 1.87 0.00	53.72 1.35 0.00	43.80 1.11 0.00	42.27 0.98 0.00	34.24 0.78 0.00
GILBOA___2 23757	66.00 1.43 0.00	34.10 0.84 0.00	34.59 0.95 0.00	35.17 0.99 0.00	38.13 1.10 0.00	41.38 1.05 0.00	32.91 0.79 0.00	34.79 0.85 0.00	36.47 0.93 0.00	32.68 0.91 0.00	31.27 0.88 0.00	30.01 0.92 -0.09	30.54 1.01 0.00	29.48 0.99 0.00	32.59 1.01 0.00	35.25 0.97 0.00	41.04 1.15 0.00	42.76 1.18 0.00	45.93 1.29 0.00	73.44 1.87 0.00	53.72 1.35 0.00	43.80 1.11 0.00	42.27 0.98 0.00	34.24 0.78 0.00
GILBOA___3 23758	66.00 1.43 0.00	34.10 0.84 0.00	34.59 0.95 0.00	35.17 0.99 0.00	38.13 1.10 0.00	41.38 1.05 0.00	32.91 0.79 0.00	34.79 0.85 0.00	36.47 0.93 0.00	32.68 0.91 0.00	31.27 0.88 0.00	30.01 0.92 -0.09	30.54 1.01 0.00	29.48 0.99 0.00	32.59 1.01 0.00	35.25 0.97 0.00	41.04 1.15 0.00	42.76 1.18 0.00	45.93 1.29 0.00	73.44 1.87 0.00	53.72 1.35 0.00	43.80 1.11 0.00	42.27 0.98 0.00	34.24 0.78 0.00
GILBOA___4 23759	66.00 1.43 0.00	34.10 0.84 0.00	34.59 0.95 0.00	35.17 0.99 0.00	38.13 1.10 0.00	41.38 1.05 0.00	32.91 0.79 0.00	34.79 0.85 0.00	36.47 0.93 0.00	32.68 0.91 0.00	31.27 0.88 0.00	30.01 0.92 -0.09	30.54 1.01 0.00	29.48 0.99 0.00	32.59 1.01 0.00	35.25 0.97 0.00	41.04 1.15 0.00	42.76 1.18 0.00	45.93 1.29 0.00	73.44 1.87 0.00	53.72 1.35 0.00	43.80 1.11 0.00	42.27 0.98 0.00	34.24 0.78 0.00

GILBOA____ 23599	65.98 1.42 0.00	34.10 0.84 0.00	34.59 0.95 0.00	35.18 1.00 0.00	38.14 1.11 0.00	41.38 1.06 0.00	32.91 0.79 0.00	34.79 0.85 0.00	36.47 0.93 0.00	32.68 0.91 0.00	31.27 0.88 0.00	30.01 0.92 -0.09	30.54 1.01 0.00	29.48 0.99 0.00	32.60 1.01 0.00	35.25 0.97 0.00	41.04 1.15 0.00	42.76 1.18 0.00	45.94 1.29 0.00	73.44 1.88 0.00	53.71 1.35 0.00	43.79 1.10 0.00	42.27 0.99 0.00	34.24 0.78 0.00
GINNA____ 23603	39.22 -5.87 19.48	27.12 -3.06 3.08	25.40 -3.09 5.14	29.79 -3.15 1.25	33.59 -3.43 0.00	36.66 -3.67 0.00	28.02 -2.78 1.32	30.27 -2.99 0.68	28.39 -3.13 4.02	27.40 -2.91 1.47	26.16 -2.91 0.32	26.68 -2.84 -0.01	25.78 -2.85 0.00	28.82 -2.70 0.00	31.37 -2.76 0.00	35.47 -2.92 0.00	35.61 -3.51 0.91	29.87 -3.66 2.32	43.61 -3.95 10.82	32.42 -6.52 21.43	32.31 -4.77 15.18	33.00 -4.02 6.36	30.06 -3.73 4.56	-3.02 -3.02 0.38
GLEN PARK____ 23778	62.65 -1.92 0.00	32.11 -1.15 0.00	32.47 -1.16 0.00	33.20 -0.98 0.00	35.90 -1.13 0.00	39.23 -1.10 0.00	31.16 -0.96 0.00	33.01 -0.93 0.00	33.79 -1.75 0.00	30.08 -1.69 0.00	29.14 -1.25 0.00	27.11 -1.89 0.00	27.29 -2.25 0.00	26.45 -2.04 0.00	29.81 -1.78 0.00	32.72 -1.56 0.00	38.61 -1.28 0.00	40.48 -1.10 0.00	43.73 -0.91 0.00	69.62 -1.95 0.00	50.61 -1.75 0.00	41.22 -1.48 0.00	40.43 -0.85 0.00	32.39 -1.07 0.00
GLENDALE_27_KV_LOAD 356172	68.76 4.19 0.00	35.58 2.32 0.00	35.90 2.26 0.00	36.54 2.36 0.00	39.63 2.60 0.00	43.15 2.82 0.00	34.38 2.26 0.00	36.41 2.47 0.00	38.30 2.75 0.00	34.46 2.69 0.00	34.24 2.65 -1.20	31.86 2.78 -0.09	32.28 2.75 0.00	31.18 2.69 0.00	34.32 2.74 0.00	37.22 2.94 0.00	43.29 3.40 0.00	45.02 3.44 0.00	48.44 3.79 0.00	77.28 5.71 0.00	56.64 4.27 0.00	46.16 3.46 0.00	44.44 3.15 0.00	35.89 2.43 0.00
GLENWOOD_IC_1_G5 23712	68.64 4.07 0.00	35.56 2.30 0.00	35.85 2.22 0.00	36.48 2.29 0.00	39.57 2.54 0.00	43.09 2.77 0.00	34.26 2.14 0.00	36.24 2.30 0.00	38.12 2.57 0.00	34.40 2.63 0.00	34.15 2.57 -1.20	31.75 2.66 -0.09	32.14 2.61 0.00	31.04 2.55 0.00	34.17 2.58 0.00	37.00 2.72 0.00	43.04 3.15 0.00	44.54 2.95 0.00	47.96 3.31 0.00	76.59 5.03 0.00	56.27 3.91 0.00	45.93 3.24 0.00	44.25 2.96 0.00	35.74 2.28 0.00
GLENWOOD_IC_2_G1 23688	68.50 3.93 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.33 2.15 0.00	39.41 2.38 0.00	42.91 2.59 0.00	34.14 2.02 0.00	36.10 2.16 0.00	37.97 2.43 0.00	34.23 2.46 0.00	34.00 2.41 -1.20	31.60 2.52 -0.09	32.01 2.48 0.00	30.91 2.42 0.00	34.03 2.44 0.00	36.88 2.59 0.00	42.90 3.01 0.00	44.64 3.05 0.00	48.03 3.39 0.00	76.58 5.02 0.00	56.11 3.74 0.00	45.78 3.09 0.00	44.09 2.80 0.00	35.62 2.15 0.00
GLENWOOD_IC_3_G1 23689	68.50 3.93 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.33 2.15 0.00	39.41 2.38 0.00	42.91 2.59 0.00	34.14 2.02 0.00	36.10 2.16 0.00	37.97 2.43 0.00	34.23 2.46 0.00	34.00 2.41 -1.20	31.60 2.52 -0.09	32.01 2.48 0.00	30.91 2.42 0.00	34.03 2.44 0.00	36.88 2.59 0.00	42.90 3.01 0.00	44.64 3.05 0.00	48.03 3.39 0.00	76.58 5.02 0.00	56.11 3.74 0.00	45.78 3.09 0.00	44.09 2.80 0.00	35.62 2.15 0.00
GLENWOOD___4 23550	68.64 4.07 0.00	35.56 2.30 0.00	35.85 2.22 0.00	36.48 2.29 0.00	39.57 2.54 0.00	43.09 2.77 0.00	34.26 2.14 0.00	36.24 2.30 0.00	38.12 2.57 0.00	34.40 2.63 0.00	34.15 2.57 -1.20	31.75 2.66 -0.09	32.14 2.61 0.00	31.04 2.55 0.00	34.17 2.58 0.00	37.00 2.72 0.00	43.05 3.16 0.00	44.64 3.06 0.00	48.05 3.40 0.00	76.67 5.11 0.00	56.27 3.91 0.00	45.93 3.24 0.00	44.25 2.96 0.00	35.74 2.28 0.00
GLENWOOD___5 23614	68.64 4.07 0.00	35.56 2.30 0.00	35.85 2.22 0.00	36.48 2.29 0.00	39.57 2.54 0.00	43.09 2.77 0.00	34.26 2.14 0.00	36.24 2.30 0.00	38.12 2.57 0.00	34.40 2.63 0.00	34.15 2.57 -1.20	31.75 2.66 -0.09	32.14 2.61 0.00	31.04 2.55 0.00	34.17 2.58 0.00	37.00 2.72 0.00	43.05 3.16 0.00	44.64 3.06 0.00	48.05 3.40 0.00	76.67 5.11 0.00	56.27 3.91 0.00	45.93 3.24 0.00	44.25 2.96 0.00	35.74 2.28 0.00
GLOBAL GREEN_PORT_GT1 23814	71.06 6.49 0.00	36.95 3.70 0.00	37.29 3.65 0.00	37.84 3.66 0.00	41.10 4.07 0.00	44.87 4.54 0.00	35.49 3.37 0.00	37.32 3.38 0.00	38.77 3.23 0.00	35.17 3.40 0.00	34.82 3.24 -1.20	32.22 3.13 -0.09	32.35 2.82 0.00	31.21 2.72 0.00	34.32 2.74 0.00	36.91 2.63 0.00	43.22 3.33 0.00	44.96 3.37 0.00	48.43 3.78 0.00	75.97 4.41 0.00	55.75 3.39 0.00	45.56 2.87 0.00	44.01 2.72 0.00	35.45 1.99 0.00
GLOBE___DSASP 323697	16.35 -7.52 40.70	14.26 -4.08 14.91	12.36 -4.10 17.18	16.94 -4.17 13.07	20.26 -4.62 12.15	22.77 -4.90 12.66	17.62 -3.68 10.81	18.36 -4.10 11.48	15.04 -4.33 16.18	15.41 -3.76 12.61	17.36 -3.59 9.44	15.51 -3.59 9.89	17.89 -3.62 8.02	22.95 -3.66 1.88	18.58 -3.80 9.21	18.73 -4.15 11.40	20.81 -5.34 13.74	19.82 -5.72 16.04	13.63 -6.09 24.93	19.04 -9.86 42.67	13.07 -6.87 32.43	16.94 -5.73 20.01	24.04 -4.89 12.36	28.63 -3.80 1.03
GOETHSLN___LBMP 323567	68.11 3.54 0.01	35.25 1.99 0.00	35.58 1.94 0.00	36.23 2.04 0.00	39.28 2.25 0.00	42.75 2.43 0.00	34.07 1.95 0.00	36.06 2.12 0.00	37.92 2.38 0.00	34.11 2.34 0.00	33.90 2.31 -1.20	31.54 2.45 -0.09	31.96 2.43 0.00	30.86 2.37 0.00	33.99 2.41 0.00	36.86 2.57 0.00	42.87 2.98 0.00	44.62 3.03 0.00	48.00 3.36 0.00	76.59 5.03 0.00	56.07 3.71 0.00	45.69 3.00 0.00	44.00 2.72 0.00	35.54 2.08 0.00
GOLAH___69_KV_TB 1_2 80279	39.27 -3.27 22.03	28.00 -1.80 3.45	26.06 -1.82 5.76	30.92 -1.87 1.40	34.97 -2.06 0.00	38.20 -2.13 0.00	29.10 -1.53 1.50	31.48 -1.69 0.76	29.25 -1.79 4.51	28.25 -1.88 1.65	28.15 -1.89 0.36	27.10 -1.91 -0.01	27.66 -1.88 0.00	26.73 -1.76 0.00	28.87 -1.71 1.00	32.53 -1.75 0.00	36.66 -2.20 1.03	36.66 -2.29 2.63	30.14 -2.39 12.11	43.40 -4.02 24.14	32.39 -2.86 17.11	33.08 -2.47 7.14	34.03 -2.14 5.11	31.29 -1.75 0.42
GOODYEAR_LAKE_HYD 323669	77.00 0.83 -11.60	35.63 0.49 -1.88	37.29 0.52 -3.14	35.50 0.55 -0.76	37.63 0.60 0.00	40.96 0.63 0.00	33.45 0.55 -0.78	34.97 0.61 -0.42	38.57 0.59 -2.43	33.31 0.64 -0.90	31.14 0.56 -0.19	29.44 0.42 -0.03	29.94 0.42 0.00	28.86 0.37 0.00	32.08 0.49 0.00	34.92 0.63 0.00	41.10 0.67 -0.54	43.74 0.79 -1.37	52.23 0.97 -6.61	85.81 1.35 -12.89	62.46 1.00 -9.09	47.31 0.77 -3.85	44.80 0.74 -2.78	34.21 0.52 -0.23
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	117.36 -1.08 -53.87	41.34 -0.47 -8.55	47.43 -0.47 -14.27	37.20 -0.44 -3.46	36.58 -0.45 -0.01	39.84 -0.48 0.00	35.38 -0.38 -3.64	35.44 -0.39 -1.89	46.19 -0.48 -11.13	35.51 -0.35 -4.08	30.89 -0.38 -0.88	28.64 -0.39 -0.03	29.10 -0.43 0.00	28.09 -0.40 0.00	31.27 -0.31 0.00	34.00 -0.29 0.00	41.95 -0.45 -2.51	47.56 -0.43 -6.40	74.22 -0.45 -30.02	129.99 -0.91 -59.34	93.69 -0.68 -42.01	59.75 -0.56 -17.62	53.39 -0.55 -12.65	34.04 -0.47 -1.04





GOWANUS_GT4_5 24134	68.41 3.84 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.34 2.15 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.21 2.27 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.04 2.45 -1.20	31.66 2.58 -0.09	32.09 2.56 0.00	30.99 2.51 0.00	34.12 2.53 0.00	37.01 2.73 0.00	43.04 3.16 0.00	44.76 3.18 0.00	48.22 3.58 0.00	76.98 5.42 0.00	56.39 4.03 0.00	45.98 3.29 0.00	44.28 2.99 0.00	35.75 2.29 0.00
GOWANUS_GT4_6 24135	68.41 3.84 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.34 2.15 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.21 2.27 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.04 2.45 -1.20	31.66 2.58 -0.09	32.09 2.56 0.00	30.99 2.51 0.00	34.12 2.53 0.00	37.01 2.73 0.00	43.04 3.16 0.00	44.76 3.18 0.00	48.22 3.58 0.00	76.98 5.42 0.00	56.39 4.03 0.00	45.98 3.29 0.00	44.28 2.99 0.00	35.75 2.29 0.00
GOWANUS_GT4_7 24136	68.41 3.84 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.34 2.15 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.21 2.27 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.04 2.45 -1.20	31.66 2.58 -0.09	32.09 2.56 0.00	30.99 2.51 0.00	34.12 2.53 0.00	37.01 2.73 0.00	43.04 3.16 0.00	44.76 3.18 0.00	48.22 3.58 0.00	76.98 5.42 0.00	56.39 4.03 0.00	45.98 3.29 0.00	44.28 2.99 0.00	35.75 2.29 0.00
GOWANUS_GT4_8 24137	68.41 3.84 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.34 2.15 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.21 2.27 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.04 2.45 -1.20	31.66 2.58 -0.09	32.09 2.56 0.00	30.99 2.51 0.00	34.12 2.53 0.00	37.01 2.73 0.00	43.04 3.16 0.00	44.76 3.18 0.00	48.22 3.58 0.00	76.98 5.42 0.00	56.39 4.03 0.00	45.98 3.29 0.00	44.28 2.99 0.00	35.75 2.29 0.00
GREATVRV_69_KV_BK1 356245	69.88 5.31 0.00	36.25 2.99 0.00	36.51 2.88 0.00	37.12 2.94 0.00	40.27 3.24 0.00	43.91 3.58 0.00	34.87 2.75 0.00	36.83 2.89 0.00	38.73 3.20 0.00	35.12 3.35 0.00	34.86 3.27 -1.20	32.35 3.27 -0.09	32.66 3.13 0.00	31.53 3.05 0.00	34.65 3.07 0.00	37.42 3.14 0.00	43.64 3.75 0.00	45.50 3.91 0.00	49.01 4.37 0.00	77.54 5.98 0.00	56.88 4.52 0.00	46.54 3.85 0.00	44.90 3.62 0.00	36.21 2.75 0.00
GREENBSH_115KV_TB3 55895	67.00 2.43 0.00	34.64 1.38 0.00	35.05 1.42 0.00	35.66 1.48 0.00	38.66 1.63 0.00	42.04 1.72 0.00	33.39 1.27 0.00	35.29 1.35 0.00	37.01 1.47 0.00	33.12 1.35 0.00	31.71 1.32 0.00	30.44 1.33 -0.11	30.85 1.32 0.00	29.81 1.33 0.00	32.93 1.34 0.00	35.71 1.43 0.00	41.63 1.75 0.00	43.36 1.78 0.00	46.52 1.88 0.00	74.35 2.79 0.00	54.37 2.01 0.00	44.35 1.66 0.00	42.80 1.51 0.00	34.70 1.24 0.00
GREENDGE_115KV_TB5 80291	7.15 -3.96 53.46	35.45 -1.95 -4.14	26.80 -1.97 4.87	44.60 -2.03 -12.45	53.31 -2.30 -18.58	57.24 -2.46 -19.37	39.16 -1.72 -8.76	45.44 -1.95 -13.45	34.05 -2.08 -0.59	40.35 -1.80 -10.38	40.87 -2.04 -12.52	42.28 -1.91 -15.18	39.91 -1.91 -12.28	29.56 -1.80 -2.87	43.84 -1.46 -13.71	49.94 -1.79 -17.45	53.18 -2.35 -15.64	50.18 -2.28 -10.88	14.85 -2.37 27.42	4.88 -3.63 63.06	8.93 -2.42 41.01	32.88 -2.16 7.65	30.41 -2.20 8.68	31.05 -1.70 0.71
GREENIDGE__3 23582	7.15 -3.96 53.46	35.45 -1.95 -4.14	26.80 -1.97 4.87	44.60 -2.03 -12.45	53.31 -2.30 -18.58	57.24 -2.46 -19.37	39.16 -1.72 -8.76	45.44 -1.95 -13.45	34.05 -2.08 -0.59	40.35 -1.80 -10.38	40.87 -2.04 -12.52	42.28 -1.91 -15.18	39.91 -1.91 -12.28	29.56 -1.80 -2.87	43.84 -1.46 -13.71	49.94 -1.79 -17.45	53.18 -2.35 -15.64	50.18 -2.28 -10.88	14.85 -2.37 27.42	4.88 -3.63 63.06	8.93 -2.42 41.01	32.88 -2.16 7.65	30.41 -2.20 8.68	31.05 -1.70 0.71
GREENIDGE__4 23583	7.01 -4.11 53.46	35.47 -1.94 -4.14	26.82 -1.95 4.87	44.63 -2.00 -12.45	53.33 -2.28 -18.58	57.25 -2.44 -19.37	39.16 -1.72 -8.76	45.44 -1.95 -13.45	34.04 -2.09 -0.59	40.34 -1.81 -10.38	40.87 -2.04 -12.52	42.27 -1.91 -15.18	39.90 -1.91 -12.28	29.56 -1.80 -2.87	43.84 -1.46 -13.71	49.94 -1.80 -17.45	53.18 -2.36 -15.64	50.18 -2.28 -10.88	14.81 -2.40 27.42	4.79 -3.72 63.06	8.88 -2.47 41.01	32.84 -2.21 7.65	30.37 -2.24 8.68	31.05 -1.70 0.71
GREENLWN_69_KV_BK 3 55738	68.75 4.18 0.00	35.66 2.41 0.00	35.94 2.30 0.00	36.55 2.37 0.00	39.66 2.63 0.00	43.22 2.89 0.00	34.30 2.18 0.00	36.21 2.27 0.00	38.07 2.53 0.00	34.52 2.75 0.00	34.30 2.72 -1.20	31.85 2.76 -0.09	32.20 2.67 0.00	31.08 2.60 0.00	34.15 2.57 0.00	36.86 2.58 0.00	42.93 3.04 0.00	44.70 3.12 0.00	48.13 3.48 0.00	76.34 4.78 0.00	56.02 3.65 0.00	45.89 3.20 0.00	44.28 3.00 0.00	35.73 2.27 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	68.41 3.84 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.34 2.15 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.21 2.27 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.04 2.45 -1.20	31.66 2.58 -0.09	32.09 2.56 0.00	30.99 2.51 0.00	34.12 2.53 0.00	37.01 2.73 0.00	43.04 3.16 0.00	44.76 3.18 0.00	48.22 3.58 0.00	76.98 5.42 0.00	56.39 4.03 0.00	45.98 3.29 0.00	44.28 2.99 0.00	35.75 2.29 0.00
GRISSOM__SOLAR 323813	66.91 2.34 0.00	34.48 1.23 0.00	34.87 1.24 0.00	35.45 1.27 0.00	38.42 1.39 0.00	41.84 1.51 0.00	33.39 1.27 0.00	35.34 1.40 0.00	36.74 1.20 0.00	32.62 0.84 0.00	31.08 0.69 0.00	29.37 0.26 -0.12	29.39 -0.14 0.00	28.35 -0.13 0.00	31.46 -0.12 0.00	34.56 0.28 0.00	40.87 0.98 0.00	43.15 1.57 0.00	46.66 2.02 0.00	74.54 2.98 0.00	54.54 2.17 0.00	44.49 1.80 0.00	42.98 1.69 0.00	34.73 1.27 0.00
GROVEVILLE__HYD 323602	68.26 3.69 0.00	35.31 2.05 0.00	35.63 2.00 0.00	36.25 2.07 0.00	39.31 2.28 0.00	42.79 2.47 0.00	34.09 1.97 0.00	36.06 2.12 0.00	37.89 2.35 0.00	34.05 2.28 0.00	32.61 2.22 0.00	31.39 2.31 -0.09	31.83 2.30 0.00	30.73 2.25 0.00	33.90 2.31 0.00	36.76 2.48 0.00	42.82 2.93 0.00	44.61 3.03 0.00	47.99 3.34 0.00	76.62 5.06 0.00	56.01 3.64 0.00	45.62 2.93 0.00	43.94 2.65 0.00	35.52 2.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	61.15 -1.40 2.02	31.47 -0.69 1.10	31.13 -0.68 1.83	33.04 -0.70 0.44	36.29 -0.74 0.00	39.53 -0.79 0.00	31.50 -0.59 0.04	33.05 -0.65 0.24	33.73 -0.72 1.09	30.61 -0.64 0.52	29.59 -0.69 0.11	28.29 -0.72 -0.01	28.76 -0.76 0.00	27.78 -0.70 0.00	30.97 -0.61 0.00	33.66 -0.62 0.00	39.08 -0.73 0.08	40.85 -0.70 0.03	40.03 -0.77 0.03	65.73 -1.46 3.84	48.74 -1.10 4.37	40.07 -0.92 2.52	38.87 -0.91 1.69	32.58 -0.75 0.13
HAMLTNNY_34_KV_TB 80303	54.41 -1.42 8.73	31.13 -0.71 1.43	30.58 -0.68 2.38	32.91 -0.70 0.58	36.29 -0.74 0.00	39.54 -0.79 0.00	30.96 -0.58 0.58	32.97 -0.66 0.32	32.99 -0.71 1.84	30.43 -0.66 0.68	29.48 -0.76 0.15	28.19 -0.82 -0.01	28.67 -0.87 0.00	27.70 -0.78 0.00	30.96 -0.63 0.00	33.67 -0.62 0.00	38.76 -0.72 0.41	39.86 -0.70 1.03	38.88 -0.77 5.00	60.37 -1.46 9.73	44.39 -1.12 6.86	38.86 -0.92 2.91	38.29 -0.89 2.10	32.55 -0.73 0.17

HAMPSHIRE___PAPER_HYD 323593	63.90 -0.66 0.00	32.88 -0.37 0.00	33.20 -0.43 0.00	33.88 -0.30 0.00	36.63 -0.40 0.00	39.90 -0.42 0.00	31.73 -0.39 0.00	33.57 -0.37 0.00	34.90 -0.64 0.00	30.92 -0.86 0.00	29.70 -0.69 0.00	27.95 -1.04 0.00	28.37 -1.16 0.00	27.45 -1.03 0.00	30.72 -0.87 0.00	33.44 -0.84 0.00	39.16 -0.72 0.00	40.85 -0.74 0.00	43.91 -0.73 0.00	70.03 -1.53 0.00	51.11 -1.25 0.00	41.86 -0.83 0.00	40.91 -0.38 0.00	32.97 -0.49 0.00
HARDSCRABBLE_WT_PWR 323673	66.56 1.99 0.00	34.26 1.00 0.00	34.66 1.02 0.00	35.36 1.17 0.00	38.31 1.28 0.00	41.66 1.33 0.00	33.28 1.16 0.00	35.33 1.39 0.00	36.82 1.28 0.00	33.01 1.23 0.00	31.52 1.14 0.00	29.84 0.84 0.00	30.12 0.59 0.00	29.10 0.61 0.00	31.92 0.33 0.00	34.88 0.59 0.00	40.93 1.05 0.00	42.82 1.24 0.00	46.28 1.63 0.00	73.67 2.10 0.00	53.75 1.38 0.00	43.97 1.28 0.00	42.35 1.06 0.00	34.08 0.62 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	67.75 3.18 0.00	35.03 1.77 0.00	35.36 1.72 0.00	35.98 1.79 0.00	39.01 1.98 0.00	42.47 2.15 0.00	33.83 1.71 0.00	35.78 1.84 0.00	37.59 2.05 0.00	33.77 2.00 0.00	31.29 1.96 1.06	31.16 2.08 -0.08	31.60 2.07 0.00	30.50 2.02 0.00	33.64 2.05 0.00	36.50 2.22 0.00	42.50 2.61 0.00	44.28 2.70 0.00	47.64 3.00 0.00	76.05 4.49 0.00	55.60 3.23 0.00	45.29 2.60 0.00	43.61 2.33 0.00	35.24 1.78 0.00
HARSNRAD_115KV_TB1 81005	18.74 -6.55 39.27	15.20 -3.59 14.46	13.34 -3.62 16.68	17.86 -3.67 12.66	21.22 -4.06 11.75	23.81 -4.27 12.24	18.48 -3.20 10.45	19.27 -3.56 11.12	16.10 -3.77 15.68	16.20 -3.36 12.21	18.04 -3.21 9.13	16.18 -3.25 9.57	18.51 -3.27 7.76	23.23 -3.44 1.82	19.33 -3.35 8.91	19.55 -3.71 11.03	21.71 -4.89 13.29	20.86 -5.23 15.49	14.97 -5.44 24.24	21.34 -8.92 41.31	15.03 -6.04 31.29	18.26 -5.07 19.36	25.02 -4.27 12.00	29.01 -3.46 1.00
HARZA MOOSE___RIVER 24016	64.10 -0.47 0.00	32.97 -0.29 0.00	33.34 -0.29 0.00	34.14 -0.05 0.00	36.91 -0.12 0.00	40.11 -0.21 0.00	31.88 -0.24 0.00	33.75 -0.19 0.00	35.09 -0.45 0.00	31.28 -0.50 0.00	29.98 -0.41 0.00	28.27 -0.72 0.00	28.65 -0.88 0.00	27.67 -0.82 0.00	30.92 -0.66 0.00	33.68 -0.60 0.00	39.48 -0.41 0.00	41.36 -0.23 0.00	44.72 0.08 0.00	71.24 -0.33 0.00	51.84 -0.52 0.00	42.30 -0.39 0.00	41.18 -0.10 0.00	33.05 -0.41 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	62.82 -1.74 0.00	32.39 -0.87 0.00	32.76 -0.87 0.00	33.29 -0.90 0.00	36.07 -0.96 0.00	39.29 -1.03 0.00	31.34 -0.78 0.00	33.10 -0.84 0.00	34.61 -0.93 0.00	30.96 -0.81 0.00	29.56 -0.83 0.00	28.17 -0.83 -0.01	28.66 -0.87 0.00	27.66 -0.82 0.00	30.79 -0.79 0.00	33.45 -0.83 0.00	38.92 -0.97 0.00	40.61 -0.97 0.00	43.61 -1.04 0.00	69.73 -1.83 0.00	50.99 -1.37 0.00	41.53 -1.16 0.00	40.16 -1.13 0.00	32.53 -0.93 0.00
HELLGATE_13_KV_LD 55870	68.91 4.34 0.00	35.66 2.40 0.00	35.98 2.35 0.00	36.62 2.43 0.00	39.73 2.70 0.00	43.24 2.92 0.00	34.47 2.35 0.00	36.50 2.56 0.00	38.40 2.86 0.00	34.55 2.77 0.00	34.33 2.75 -1.20	31.95 2.86 -0.09	32.37 2.84 0.00	31.26 2.78 0.00	34.41 2.83 0.00	37.32 3.04 0.00	43.40 3.51 0.00	45.13 3.55 0.00	48.55 3.90 0.00	77.47 5.91 0.00	56.78 4.41 0.00	46.25 3.56 0.00	44.53 3.25 0.00	35.98 2.52 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	68.91 4.34 0.00	35.66 2.40 0.00	35.98 2.35 0.00	36.62 2.43 0.00	39.73 2.70 0.00	43.24 2.92 0.00	34.47 2.35 0.00	36.50 2.56 0.00	38.40 2.86 0.00	34.55 2.77 0.00	34.33 2.75 -1.20	31.95 2.86 -0.09	32.37 2.84 0.00	31.26 2.78 0.00	34.41 2.83 0.00	37.32 3.04 0.00	43.40 3.51 0.00	45.13 3.55 0.00	48.55 3.90 0.00	77.47 5.91 0.00	56.78 4.41 0.00	46.25 3.56 0.00	44.53 3.25 0.00	35.98 2.52 0.00
HEMPSTEAD___ 23647	68.54 3.97 0.00	35.44 2.18 0.00	35.74 2.11 0.00	36.35 2.16 0.00	39.45 2.41 0.00	42.97 2.65 0.00	34.13 2.01 0.00	36.06 2.12 0.00	37.99 2.44 0.00	34.32 2.55 0.00	34.07 2.48 -1.20	31.66 2.57 -0.09	32.02 2.49 0.00	30.92 2.43 0.00	34.02 2.43 0.00	36.84 2.56 0.00	42.85 2.96 0.00	44.53 2.95 0.00	47.95 3.31 0.00	76.38 4.81 0.00	56.02 3.65 0.00	45.76 3.07 0.00	44.09 2.80 0.00	35.59 2.13 0.00
HICKLING___1 23621	-41.39 -4.03 101.93	17.31 -2.02 13.93	5.00 -2.05 26.59	29.57 -2.04 2.57	40.18 -2.12 -5.28	43.61 -2.22 -5.51	27.13 -1.80 3.19	32.55 -1.88 -0.49	14.52 -2.10 18.92	25.69 -1.82 4.26	30.54 -1.85 -2.01	31.57 -1.77 -4.34	31.28 -1.81 -3.57	27.58 -1.72 -0.81	33.94 -1.50 -3.85	37.61 -1.64 -4.97	38.15 -2.17 -0.43	32.64 -2.10 6.84	-18.63 -2.43 60.84	-49.72 -4.09 117.20	-31.59 -3.03 80.92	7.89 -2.46 32.33	14.23 -2.42 24.63	29.47 -1.94 2.05
HICKLING___2 23622	-41.39 -4.03 101.93	17.31 -2.02 13.93	5.00 -2.05 26.59	29.57 -2.04 2.57	40.18 -2.12 -5.28	43.61 -2.22 -5.51	27.13 -1.80 3.19	32.55 -1.88 -0.49	14.52 -2.10 18.92	25.69 -1.82 4.26	30.54 -1.85 -2.01	31.57 -1.77 -4.34	31.28 -1.81 -3.57	27.58 -1.72 -0.81	33.94 -1.50 -3.85	37.61 -1.64 -4.97	38.15 -2.17 -0.43	32.64 -2.10 6.84	-18.63 -2.43 60.84	-49.72 -4.09 117.20	-31.59 -3.03 80.92	7.89 -2.46 32.33	14.23 -2.42 24.63	29.47 -1.94 2.05
HIGH FALLS___HY 23754	68.08 3.51 0.00	35.20 1.94 0.00	35.52 1.89 0.00	36.14 1.96 0.00	39.19 2.16 0.00	42.66 2.34 0.00	34.01 1.89 0.00	35.98 2.05 0.00	37.80 2.26 0.00	33.95 2.18 0.00	32.50 2.11 0.00	31.23 2.14 -0.09	31.63 2.10 0.00	30.48 1.99 0.00	33.64 2.05 0.00	36.50 2.21 0.00	42.59 2.71 0.00	44.49 2.90 0.00	47.91 3.27 0.00	76.54 4.97 0.00	55.92 3.56 0.00	45.53 2.84 0.00	43.84 2.55 0.00	35.42 1.97 0.00
HIGH_RIVER___SOLAR 323847	66.43 1.86 0.00	34.26 1.00 0.00	34.66 1.02 0.00	35.25 1.07 0.00	38.21 1.18 0.00	41.59 1.27 0.00	33.13 1.01 0.00	35.01 1.07 0.00	36.47 0.93 0.00	32.45 0.68 0.00	31.03 0.65 0.00	29.59 0.48 -0.12	29.71 0.18 0.00	28.74 0.25 0.00	31.75 0.16 0.00	34.77 0.48 0.00	40.85 0.96 0.00	42.90 1.32 0.00	46.24 1.60 0.00	73.89 2.33 0.00	54.04 1.68 0.00	44.07 1.38 0.00	42.57 1.28 0.00	34.45 0.99 0.00
HILLBURN___GT 23639	67.65 3.08 0.00	34.95 1.69 0.00	35.27 1.63 0.00	35.88 1.70 0.00	38.92 1.89 0.00	42.37 2.05 0.00	33.74 1.62 0.00	35.70 1.75 0.00	37.51 1.97 0.00	33.70 1.92 0.00	31.16 1.90 1.13	31.13 2.05 -0.08	31.57 2.04 0.00	30.48 1.99 0.00	33.58 2.00 0.00	36.44 2.16 0.00	42.40 2.51 0.00	44.19 2.61 0.00	47.56 2.92 0.00	75.92 4.36 0.00	55.52 3.16 0.00	45.23 2.54 0.00	43.55 2.26 0.00	35.19 1.73 0.00
HILLSIDE_115KV_TB1 80332	-60.96 -4.22 121.30	13.97 -2.03 17.26	-0.19 -2.04 31.79	27.91 -2.01 4.26	39.62 -2.11 -4.70	42.99 -2.25 -4.91	25.39 -1.82 4.91	31.39 -1.92 0.64	10.22 -2.15 23.17	23.86 -1.80 6.12	29.92 -1.76 -1.29	31.21 -1.66 -3.87	30.97 -1.69 -3.13	27.61 -1.60 -0.72	33.52 -1.49 -3.43	37.07 -1.64 -4.43	36.65 -2.21 1.04	29.61 -2.26 9.72	-29.11 -2.52 71.24	-70.80 -4.33 138.04	-46.70 -3.17 95.89	1.38 -2.52 38.80	9.70 -2.46 29.13	29.09 -1.96 2.42

HISHELDN_WT_PWR 323625	-7.08 -7.15 64.50	-7.87 -3.80 37.33	-8.81 -3.85 38.59	-6.35 -3.76 36.77	-4.45 -4.09 37.39	-2.91 -4.28 38.95	-0.23 -3.32 29.03	-3.11 -3.60 33.45	-6.58 -3.93 38.19	-6.40 -3.46 34.71	-1.17 -3.39 28.17	-4.78 -3.30 30.48	1.52 -3.33 24.67	19.37 -3.34 5.77	0.51 -3.18 27.90	-4.41 -3.61 35.09	-4.17 -4.62 39.44	-5.01 -4.74 41.85	-7.17 -5.16 46.65	-4.16 -8.34 67.39	-7.25 -5.90 53.71	-5.57 -5.12 43.14	11.52 -4.56 25.21	27.69 -3.66 2.11
HOLTSVILLE_IC_1 23690	69.29 4.72 0.00	35.88 2.63 0.00	36.16 2.52 0.00	36.77 2.59 0.00	39.88 2.85 0.00	43.47 3.15 0.00	34.50 2.38 0.00	36.41 2.47 0.00	38.31 2.76 0.00	34.73 2.96 0.00	34.48 2.89 -1.20	32.00 2.91 -0.09	32.31 2.78 0.00	31.19 2.70 0.00	34.27 2.68 0.00	36.98 2.70 0.00	43.12 3.23 0.00	44.90 3.31 0.00	48.36 3.72 0.00	76.46 4.89 0.00	56.11 3.75 0.00	45.93 3.24 0.00	44.33 3.04 0.00	35.77 2.31 0.00
HOLTSVILLE_IC_10 23699	69.65 5.08 0.00	36.06 2.80 0.00	36.32 2.69 0.00	36.92 2.74 0.00	40.04 3.01 0.00	43.66 3.34 0.00	34.65 2.53 0.00	36.58 2.64 0.00	38.48 2.94 0.00	34.90 3.13 0.00	34.64 3.05 -1.20	32.14 3.05 -0.09	32.45 2.92 0.00	31.31 2.83 0.00	34.41 2.82 0.00	37.14 2.86 0.00	43.32 3.43 0.00	45.13 3.55 0.00	48.62 3.97 0.00	76.80 5.24 0.00	56.36 3.99 0.00	46.13 3.44 0.00	44.51 3.23 0.00	35.91 2.45 0.00
HOLTSVILLE_IC_2 23691	69.29 4.72 0.00	35.88 2.63 0.00	36.16 2.52 0.00	36.77 2.59 0.00	39.88 2.85 0.00	43.47 3.15 0.00	34.50 2.38 0.00	36.41 2.47 0.00	38.31 2.76 0.00	34.73 2.96 0.00	34.48 2.89 -1.20	32.00 2.91 -0.09	32.31 2.78 0.00	31.19 2.70 0.00	34.27 2.68 0.00	36.98 2.70 0.00	43.12 3.23 0.00	44.90 3.31 0.00	48.36 3.72 0.00	76.46 4.89 0.00	56.11 3.75 0.00	45.93 3.24 0.00	44.33 3.04 0.00	35.77 2.31 0.00
HOLTSVILLE_IC_3 23692	69.29 4.72 0.00	35.88 2.63 0.00	36.16 2.52 0.00	36.77 2.59 0.00	39.88 2.85 0.00	43.47 3.15 0.00	34.50 2.38 0.00	36.41 2.47 0.00	38.31 2.76 0.00	34.73 2.96 0.00	34.48 2.89 -1.20	32.00 2.91 -0.09	32.31 2.78 0.00	31.19 2.70 0.00	34.27 2.68 0.00	36.98 2.70 0.00	43.12 3.23 0.00	44.90 3.31 0.00	48.36 3.72 0.00	76.46 4.89 0.00	56.11 3.75 0.00	45.93 3.24 0.00	44.33 3.04 0.00	35.77 2.31 0.00
HOLTSVILLE_IC_4 23693	69.29 4.72 0.00	35.88 2.63 0.00	36.16 2.52 0.00	36.77 2.59 0.00	39.88 2.85 0.00	43.47 3.15 0.00	34.50 2.38 0.00	36.41 2.47 0.00	38.31 2.76 0.00	34.73 2.96 0.00	34.48 2.89 -1.20	32.00 2.91 -0.09	32.31 2.78 0.00	31.19 2.70 0.00	34.27 2.68 0.00	36.98 2.70 0.00	43.12 3.23 0.00	44.90 3.31 0.00	48.36 3.72 0.00	76.46 4.89 0.00	56.11 3.75 0.00	45.93 3.24 0.00	44.33 3.04 0.00	35.77 2.31 0.00
HOLTSVILLE_IC_5 23694	69.29 4.72 0.00	35.88 2.63 0.00	36.16 2.52 0.00	36.77 2.59 0.00	39.88 2.85 0.00	43.47 3.15 0.00	34.50 2.38 0.00	36.41 2.47 0.00	38.31 2.76 0.00	34.73 2.96 0.00	34.48 2.89 -1.20	32.00 2.91 -0.09	32.31 2.78 0.00	31.19 2.70 0.00	34.27 2.68 0.00	36.98 2.70 0.00	43.12 3.23 0.00	44.90 3.31 0.00	48.36 3.72 0.00	76.46 4.89 0.00	56.11 3.75 0.00	45.93 3.24 0.00	44.33 3.04 0.00	35.77 2.31 0.00
HOLTSVILLE_IC_6 23695	69.65 5.08 0.00	36.06 2.80 0.00	36.32 2.69 0.00	36.92 2.74 0.00	40.04 3.01 0.00	43.66 3.34 0.00	34.65 2.53 0.00	36.58 2.64 0.00	38.48 2.94 0.00	34.90 3.13 0.00	34.64 3.05 -1.20	32.14 3.05 -0.09	32.45 2.92 0.00	31.31 2.83 0.00	34.41 2.82 0.00	37.14 2.86 0.00	43.32 3.43 0.00	45.13 3.55 0.00	48.62 3.97 0.00	76.80 5.24 0.00	56.36 3.99 0.00	46.13 3.44 0.00	44.51 3.23 0.00	35.91 2.45 0.00
HOLTSVILLE_IC_7 23696	69.65 5.08 0.00	36.06 2.80 0.00	36.32 2.69 0.00	36.92 2.74 0.00	40.04 3.01 0.00	43.66 3.34 0.00	34.65 2.53 0.00	36.58 2.64 0.00	38.48 2.94 0.00	34.90 3.13 0.00	34.64 3.05 -1.20	32.14 3.05 -0.09	32.45 2.92 0.00	31.31 2.83 0.00	34.41 2.82 0.00	37.14 2.86 0.00	43.32 3.43 0.00	45.13 3.55 0.00	48.62 3.97 0.00	76.80 5.24 0.00	56.36 3.99 0.00	46.13 3.44 0.00	44.51 3.23 0.00	35.91 2.45 0.00
HOLTSVILLE_IC_8 23697	69.65 5.08 0.00	36.06 2.80 0.00	36.32 2.69 0.00	36.92 2.74 0.00	40.04 3.01 0.00	43.66 3.34 0.00	34.65 2.53 0.00	36.58 2.64 0.00	38.48 2.94 0.00	34.90 3.13 0.00	34.64 3.05 -1.20	32.14 3.05 -0.09	32.45 2.92 0.00	31.31 2.83 0.00	34.41 2.82 0.00	37.14 2.86 0.00	43.32 3.43 0.00	45.13 3.55 0.00	48.62 3.97 0.00	76.80 5.24 0.00	56.36 3.99 0.00	46.13 3.44 0.00	44.51 3.23 0.00	35.91 2.45 0.00
HOLTSVILLE_IC_9 23698	69.65 5.08 0.00	36.06 2.80 0.00	36.32 2.69 0.00	36.92 2.74 0.00	40.04 3.01 0.00	43.66 3.34 0.00	34.65 2.53 0.00	36.58 2.64 0.00	38.48 2.94 0.00	34.90 3.13 0.00	34.64 3.05 -1.20	32.14 3.05 -0.09	32.45 2.92 0.00	31.31 2.83 0.00	34.41 2.82 0.00	37.14 2.86 0.00	43.32 3.43 0.00	45.13 3.55 0.00	48.62 3.97 0.00	76.80 5.24 0.00	56.36 3.99 0.00	46.13 3.44 0.00	44.51 3.23 0.00	35.91 2.45 0.00
HOMER_HL_115KV_TB2 355744	12.94 -4.22 47.40	20.78 -2.41 10.07	17.29 -2.36 13.99	25.41 -2.25 6.52	30.25 -2.49 4.29	33.25 -2.52 4.56	23.92 -2.01 6.19	26.47 -2.27 5.19	20.79 -2.60 12.16	22.81 -2.16 6.80	24.53 -1.96 3.90	23.56 -1.86 3.57	24.84 -1.79 2.91	28.58 -1.78 -1.87	26.51 -1.65 3.43	28.23 -1.92 4.13	30.50 -2.88 6.51	28.78 -2.97 9.83	16.01 -3.21 25.42	16.55 -5.00 50.00	12.61 -3.49 36.27	22.95 -2.95 16.78	27.25 -2.58 11.46	30.41 -2.11 0.94
HOWARD_WT_PWR 323690	11.35 -6.83 46.39	49.81 -3.81 -20.36	38.56 -3.98 -8.90	61.38 -3.97 -31.18	72.81 -3.79 -39.57	77.55 -4.00 -41.23	51.80 -3.42 -23.10	61.71 -3.40 -31.18	47.78 -3.67 -15.91	55.92 -3.45 -27.60	54.61 -3.61 -27.84	57.74 -3.55 -32.30	51.97 -3.68 -26.13	31.69 -3.40 -6.60	57.67 -3.14 -29.22	67.93 -3.49 -37.14	72.47 -3.84 -36.42	69.03 -3.48 -30.93	21.95 -4.85 17.85	6.57 -7.37 57.62	13.00 -5.71 33.65	45.00 -4.67 -6.98	35.21 -4.56 1.52	29.62 -3.74 0.10
HQ_GEN_CEDARS 23644	65.18 0.61 0.00	33.61 0.35 0.00	33.94 0.30 0.00	34.42 0.24 0.00	37.23 0.20 0.00	40.64 0.32 0.00	32.41 0.29 0.00	34.25 0.31 0.00	35.85 0.31 0.00	31.81 0.04 0.00	30.45 0.07 0.00	28.92 -0.07 0.00	29.53 0.01 0.00	28.47 -0.01 0.00	31.68 0.09 0.00	34.40 0.11 0.00	39.99 0.10 0.00	41.60 0.02 0.00	44.50 -0.15 0.00	71.32 -0.24 0.00	52.31 -0.06 0.00	42.76 0.07 0.00	41.56 0.28 0.00	33.78 0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	65.18 0.61 0.00	33.61 0.35 0.00	33.94 0.30 0.00	34.42 0.24 0.00	37.23 0.20 0.00	40.64 0.32 0.00	32.41 0.29 0.00	34.25 0.31 0.00	35.85 0.30 0.00	31.81 0.04 0.00	30.45 0.07 0.00	28.92 -0.08 0.00	29.53 0.01 0.00	28.47 -0.01 0.00	31.68 0.09 0.00	34.40 0.11 0.00	39.99 0.10 0.00	41.60 0.02 0.00	44.50 -0.14 0.00	71.33 -0.23 0.00	52.32 -0.04 0.00	42.76 0.07 0.00	41.57 0.28 0.00	33.78 0.32 0.00

HQ_GEN_CHPE_PROXY 323851	68.42 3.86 0.00	35.37 2.11 0.00	35.68 2.05 0.00	36.31 2.12 0.00	39.37 2.34 0.00	42.85 2.53 0.00	34.15 2.03 0.00	36.15 2.21 0.00	38.02 2.47 0.00	34.22 2.45 0.00	33.99 2.40 -1.20	31.63 2.54 -0.09	32.05 2.52 0.00	30.95 2.47 0.00	34.08 2.49 0.00	36.97 2.68 0.00	42.98 3.09 0.00	44.72 3.13 0.00	48.12 3.47 0.00	76.77 5.20 0.00	56.22 3.85 0.00	45.84 3.15 0.00	44.12 2.83 0.00	35.64 2.18 0.00
HQ_GEN_IMPORT 323601	64.92 0.35 0.00	33.35 0.09 0.00	33.71 0.08 0.00	34.23 0.05 0.00	37.05 0.02 0.00	40.40 0.07 0.00	32.19 0.06 0.00	34.01 0.07 0.00	35.61 0.07 0.00	31.77 0.00 0.00	30.40 0.01 0.00	28.97 -0.02 0.00	29.55 0.02 0.00	28.48 -0.01 0.00	31.60 0.02 0.00	34.31 0.03 0.00	39.88 -0.01 0.00	41.55 -0.04 0.00	44.56 -0.09 0.00	71.67 0.11 0.00	52.49 0.12 0.00	42.79 0.10 0.00	41.45 0.16 0.00	33.65 0.18 0.00
HQ_GEN_WHEEL 23651	64.92 0.35 0.00	33.35 0.09 0.00	33.71 0.08 0.00	34.23 0.05 0.00	37.05 0.02 0.00	40.40 0.07 0.00	32.19 0.06 0.00	34.01 0.07 0.00	35.61 0.07 0.00	31.77 0.00 0.00	30.40 0.01 0.00	28.97 -0.02 0.00	29.55 0.02 0.00	28.48 -0.01 0.00	31.60 0.02 0.00	34.31 0.03 0.00	39.88 -0.01 0.00	41.55 -0.04 0.00	44.56 -0.09 0.00	71.67 0.11 0.00	52.49 0.12 0.00	42.79 0.10 0.00	41.45 0.16 0.00	33.65 0.18 0.00
HUDSON AVE_GT_3 23810	68.50 3.94 0.00	35.44 2.18 0.00	35.76 2.12 0.00	36.39 2.21 0.00	39.46 2.43 0.00	42.96 2.64 0.00	34.23 2.10 0.00	36.24 2.29 0.00	38.11 2.57 0.00	34.30 2.53 -1.20	34.08 2.49 -0.09	31.71 2.62 0.00	32.13 2.60 0.00	31.03 2.54 0.00	34.18 2.60 0.00	37.05 2.77 0.00	43.10 3.21 0.00	44.83 3.25 0.00	48.21 3.57 0.00	76.95 5.38 0.00	56.35 3.98 0.00	45.93 3.24 0.00	44.21 2.93 0.00	35.72 2.26 0.00
HUDSON AVE_GT_4 23540	68.50 3.94 0.00	35.44 2.18 0.00	35.76 2.12 0.00	36.39 2.21 0.00	39.46 2.43 0.00	42.96 2.64 0.00	34.23 2.10 0.00	36.24 2.29 0.00	38.11 2.57 0.00	34.30 2.53 -1.20	34.08 2.49 -0.09	31.71 2.62 0.00	32.13 2.60 0.00	31.03 2.54 0.00	34.18 2.60 0.00	37.05 2.77 0.00	43.10 3.21 0.00	44.83 3.25 0.00	48.21 3.57 0.00	76.95 5.38 0.00	56.35 3.98 0.00	45.93 3.24 0.00	44.21 2.93 0.00	35.72 2.26 0.00
HUDSON AVE_GT_5 23657	68.50 3.94 0.00	35.44 2.18 0.00	35.76 2.12 0.00	36.39 2.21 0.00	39.46 2.43 0.00	42.96 2.64 0.00	34.23 2.10 0.00	36.24 2.29 0.00	38.11 2.57 0.00	34.30 2.53 -1.20	34.08 2.49 -0.09	31.71 2.62 0.00	32.13 2.60 0.00	31.03 2.54 0.00	34.18 2.60 0.00	37.05 2.77 0.00	43.10 3.21 0.00	44.83 3.25 0.00	48.21 3.57 0.00	76.95 5.38 0.00	56.35 3.98 0.00	45.93 3.24 0.00	44.21 2.93 0.00	35.72 2.26 0.00
HUDSON_AVE_10 24168	68.25 3.68 0.00	35.31 2.05 0.00	35.61 1.97 0.00	36.24 2.06 0.00	39.28 2.25 0.00	42.76 2.44 0.00	34.09 1.97 0.00	36.09 2.15 0.00	37.95 2.41 0.00	34.17 2.40 0.00	33.94 2.35 -1.20	31.60 2.51 -0.09	32.01 2.48 0.00	30.92 2.43 0.00	34.03 2.45 0.00	36.90 2.62 0.00	42.92 3.03 0.00	44.63 3.05 0.00	48.00 3.36 0.00	76.60 5.04 0.00	56.10 3.73 0.00	45.74 3.05 0.00	44.03 2.75 0.00	35.58 2.11 0.00
HUDSON___115KV_TB 4 355613	68.22 3.66 0.00	35.24 1.99 0.00	35.65 2.02 0.00	36.27 2.09 0.00	39.32 2.29 0.00	42.80 2.48 0.00	34.03 1.91 0.00	35.97 2.03 0.00	37.69 2.15 0.00	33.56 1.79 0.00	32.20 1.81 -0.11	30.84 1.74 0.00	31.16 1.63 0.00	30.09 1.61 0.00	33.28 1.69 0.00	36.14 1.85 0.00	42.36 2.47 0.00	44.26 2.68 0.00	47.56 2.92 0.00	75.99 4.42 0.00	55.54 3.17 0.00	45.22 2.53 0.00	43.60 2.32 0.00	35.30 1.84 0.00
HUNTER MOUNT___DRP 323613	68.52 3.95 0.00	35.39 2.13 0.00	35.80 2.16 0.00	36.42 2.24 0.00	39.48 2.44 0.00	42.99 2.67 0.00	34.19 2.06 0.00	36.16 2.22 0.00	37.89 2.35 0.00	33.77 2.00 0.00	32.36 1.97 -0.10	30.97 1.87 0.00	31.24 1.71 0.00	30.18 1.69 0.00	33.35 1.76 0.00	36.23 1.95 0.00	42.52 2.64 0.00	44.51 2.92 0.00	47.82 3.18 0.00	76.39 4.83 0.00	55.82 3.45 0.00	45.43 2.74 0.00	43.78 2.50 0.00	35.44 1.98 0.00
HUNTINGTON_RES_REC 323705	69.22 4.66 0.00	35.82 2.56 0.00	36.08 2.45 0.00	36.69 2.51 0.00	39.80 2.77 0.00	43.38 3.06 0.00	34.43 2.31 0.00	36.34 2.40 0.00	38.23 2.69 0.00	34.68 2.90 -1.20	34.44 2.85 -0.09	31.96 2.88 0.00	32.30 2.76 0.00	31.17 2.68 0.00	34.24 2.65 0.00	36.96 2.68 0.00	43.07 3.18 0.00	44.89 3.31 0.00	48.35 3.71 0.00	76.60 5.03 0.00	56.19 3.82 0.00	46.01 3.32 0.00	44.39 3.11 0.00	35.80 2.34 0.00
HUNTLEY___63 23557	16.66 -6.21 41.70	14.48 -3.41 15.37	12.52 -3.44 17.68	17.20 -3.49 13.49	20.61 -3.86 12.56	23.18 -4.05 13.09	17.94 -3.02 11.16	18.70 -3.37 11.87	15.29 -3.59 16.66	15.61 -3.15 13.02	17.61 -3.02 9.76	15.72 -3.04 10.24	18.18 -3.06 8.29	23.41 -3.13 1.94	18.96 -3.11 9.52	19.06 -3.43 11.80	21.17 -4.52 14.20	20.20 -4.84 16.54	13.97 -5.09 25.59	19.57 -8.28 43.71	13.48 -5.67 33.21	17.35 -4.78 20.56	24.57 -4.02 12.70	29.21 -3.19 1.06
HUNTLEY___64 23558	16.66 -6.21 41.70	14.48 -3.41 15.37	12.52 -3.44 17.68	17.20 -3.49 13.49	20.61 -3.86 12.56	23.18 -4.05 13.09	17.94 -3.02 11.16	18.70 -3.37 11.87	15.29 -3.59 16.66	15.61 -3.15 13.02	17.61 -3.02 9.76	15.72 -3.04 10.24	18.18 -3.06 8.29	23.41 -3.13 1.94	18.96 -3.11 9.52	19.06 -3.43 11.80	21.17 -4.52 14.20	20.20 -4.84 16.54	13.97 -5.09 25.59	19.57 -8.28 43.71	13.48 -5.67 33.21	17.35 -4.78 20.56	24.57 -4.02 12.70	29.21 -3.19 1.06
HUNTLEY___65 23559	16.66 -6.21 41.70	14.48 -3.41 15.37	12.52 -3.44 17.68	17.20 -3.49 13.49	20.61 -3.86 12.56	23.18 -4.05 13.09	17.94 -3.02 11.16	18.70 -3.37 11.87	15.29 -3.59 16.66	15.61 -3.15 13.02	17.61 -3.02 9.76	15.72 -3.04 10.24	18.18 -3.06 8.29	23.41 -3.13 1.94	18.96 -3.11 9.52	19.06 -3.43 11.80	21.17 -4.52 14.20	20.20 -4.84 16.54	13.97 -5.09 25.59	19.57 -8.28 43.71	13.48 -5.67 33.21	17.35 -4.78 20.56	24.57 -4.02 12.70	29.21 -3.19 1.06
HUNTLEY___66 23560	16.66 -6.21 41.70	14.48 -3.41 15.37	12.52 -3.44 17.68	17.20 -3.49 13.49	20.61 -3.86 12.56	23.18 -4.05 13.09	17.94 -3.02 11.16	18.70 -3.37 11.87	15.29 -3.59 16.66	15.61 -3.15 13.02	17.61 -3.02 9.76	15.72 -3.04 10.24	18.18 -3.06 8.29	23.41 -3.13 1.94	18.96 -3.11 9.52	19.06 -3.43 11.80	21.17 -4.52 14.20	20.20 -4.84 16.54	13.97 -5.09 25.59	19.57 -8.28 43.71	13.48 -5.67 33.21	17.35 -4.78 20.56	24.57 -4.02 12.70	29.21 -3.19 1.06
HUNTLEY___67 23561	13.58 -6.65 44.33	12.19 -3.62 17.44	10.30 -3.64 19.69	14.83 -3.67 15.68	18.10 -4.06 14.87	20.59 -4.26 15.48	16.06 -3.21 12.84	16.51 -3.56 13.87	13.01 -3.81 18.73	13.42 -3.31 15.04	15.76 -3.16 11.46	13.74 -3.16 12.10	16.54 -3.18 9.80	22.96 -3.23 2.29	17.11 -3.26 11.21	16.75 -3.59 13.94	18.65 -4.69 16.55	17.65 -4.99 18.94	11.63 -5.30 27.71	16.60 -8.58 46.39	10.91 -5.95 35.50	14.91 -5.00 22.79	23.09 -4.26 13.93	28.96 -3.34 1.16

HUNTLEY___68 23562	13.58 -6.65 44.33	12.19 -3.62 17.44	10.30 -3.64 19.69	14.83 -3.67 15.68	18.10 -4.06 14.87	20.59 -4.26 15.48	16.06 -3.21 12.84	16.51 -3.56 13.87	13.01 -3.81 18.73	13.42 -3.31 15.04	15.76 -3.16 11.46	13.74 -3.16 12.10	16.54 -3.18 9.80	22.96 -3.23 2.29	17.11 -3.26 11.21	16.75 -3.59 13.94	18.65 -4.69 16.55	17.65 -4.99 18.94	11.63 -5.30 27.71	16.60 -8.58 46.39	10.91 -5.95 35.50	14.91 -5.00 22.79	23.09 -4.26 13.93	28.96 -3.34 1.16
HYLAND___LFGE 323620	38.30 -2.18 24.09	59.68 -1.28 -27.70	50.21 -1.33 -17.91	69.93 -1.32 -37.06	80.33 -1.33 -44.63	85.57 -1.27 -46.51	59.15 -0.91 -27.94	69.24 -0.92 -36.22	58.28 -1.25 -23.99	63.21 -1.95 -33.39	60.16 -2.12 -31.90	63.36 -2.07 -36.43	56.90 -2.10 -29.47	33.48 -1.90 -6.89	62.77 -1.77 -32.95	74.71 -1.48 -41.90	81.05 -1.24 -42.40	78.74 -1.03 -38.18	39.77 -1.30 3.57	36.28 -2.05 33.24	35.16 -1.48 15.72	58.59 -1.43 -17.33	45.16 -1.36 -5.23	32.70 -1.23 -0.46
INDECK___CORINTH 23802	67.06 2.49 0.00	34.59 1.34 0.00	34.98 1.35 0.00	35.62 1.44 0.00	38.68 1.65 0.00	42.05 1.73 0.00	33.40 1.28 0.00	35.40 1.46 0.00	37.15 1.61 0.00	33.23 1.46 0.00	31.73 1.34 0.00	30.35 1.24 -0.11	30.54 1.01 0.00	29.40 0.91 0.00	32.56 0.97 0.00	35.42 1.14 0.00	41.49 1.60 0.00	43.45 1.87 0.00	46.71 2.07 0.00	74.60 3.04 0.00	54.41 2.05 0.00	44.35 1.66 0.00	42.72 1.43 0.00	34.61 1.15 0.00
INDECK___ILION 23567	65.76 1.20 0.00	33.89 0.63 0.00	34.28 0.64 0.00	34.91 0.73 0.00	37.82 0.79 0.00	41.15 0.82 0.00	32.82 0.69 0.00	34.75 0.81 0.00	36.30 0.76 0.00	32.50 0.73 0.00	31.06 0.67 0.00	29.52 0.52 0.00	29.92 0.39 0.00	28.89 0.41 0.00	31.84 0.25 0.00	34.67 0.39 0.00	40.55 0.66 0.00	42.39 0.80 0.00	45.64 1.00 0.00	72.90 1.33 0.00	53.24 0.88 0.00	43.47 0.78 0.00	41.94 0.66 0.00	33.86 0.40 0.00
INDECK___OLEAN 23982	12.71 -4.46 47.40	20.78 -2.40 10.07	17.30 -2.35 13.99	25.43 -2.23 6.52	30.28 -2.46 4.29	33.30 -2.47 4.56	23.93 -1.99 6.19	26.49 -2.26 5.19	20.78 -2.60 12.16	22.83 -2.14 6.80	24.54 -1.95 3.90	23.63 -1.79 3.57	24.87 -1.76 2.91	28.59 -1.76 -1.87	26.59 -1.57 3.43	28.29 -1.87 4.13	30.51 -2.87 6.51	28.80 -2.95 9.83	15.96 -3.26 25.42	16.43 -5.12 50.00	12.54 -3.55 36.27	22.89 -3.02 16.78	27.23 -2.59 11.46	30.40 -2.12 0.94
INDECK___OSWEGO 23783	62.00 -2.57 0.00	31.96 -1.31 0.00	32.32 -1.31 0.00	32.86 -1.32 0.00	35.59 -1.44 0.00	38.78 -1.55 0.00	30.92 -1.20 0.00	32.67 -1.27 0.00	34.08 -1.46 0.00	30.49 -1.29 0.00	29.16 -1.23 0.00	27.73 -1.27 -0.01	28.16 -1.36 0.00	27.20 -1.28 0.00	30.31 -1.28 0.00	32.95 -1.34 0.00	38.39 0.00 0.00	40.06 -1.53 0.00	43.03 -1.61 0.00	68.81 -2.76 0.00	50.29 -2.08 0.00	40.96 -1.73 0.00	39.66 -1.63 0.00	32.09 -1.37 0.00
INDECK___YERKES 23781	16.57 -6.30 41.70	14.54 -3.35 15.37	12.59 -3.37 17.68	17.29 -3.40 13.49	20.68 -3.79 12.56	23.27 -3.96 13.09	18.00 -2.96 11.16	18.78 -3.29 11.87	15.35 -3.53 16.66	15.70 -3.06 13.02	17.70 -2.93 9.76	15.82 -2.94 10.24	18.26 -2.98 8.29	23.44 -3.11 1.94	19.10 -2.97 9.52	19.19 -3.30 11.80	21.27 -4.42 14.20	20.30 -4.73 16.54	13.98 -5.08 25.59	19.56 -8.29 43.71	13.52 -5.63 33.21	17.33 -4.79 20.56	24.61 -3.98 12.70	29.24 -3.17 1.06
INDIAN POINT_GT_1 24139	67.76 3.20 0.00	35.05 1.79 0.00	35.36 1.73 0.00	35.99 1.80 0.00	39.01 1.98 0.00	42.47 2.15 0.00	33.82 1.70 0.00	35.78 1.84 0.00	37.60 2.06 0.00	33.82 2.04 0.00	33.71 2.01 -1.31	31.23 2.15 -0.09	31.65 2.12 0.00	30.56 2.08 0.00	33.67 2.09 0.00	36.52 2.23 0.00	42.50 2.61 0.00	44.26 2.68 0.00	47.63 2.98 0.00	76.01 4.44 0.00	55.62 3.25 0.00	45.33 2.64 0.00	43.66 2.38 0.00	35.29 1.82 0.00
INDIAN POINT_GT_2 23659	67.76 3.20 0.00	35.05 1.79 0.00	35.36 1.73 0.00	35.99 1.80 0.00	39.01 1.98 0.00	42.47 2.15 0.00	33.82 1.70 0.00	35.78 1.84 0.00	37.60 2.06 0.00	33.82 2.04 0.00	33.71 2.01 -1.31	31.23 2.15 -0.09	31.65 2.12 0.00	30.56 2.08 0.00	33.67 2.09 0.00	36.52 2.23 0.00	42.50 2.61 0.00	44.26 2.68 0.00	47.63 2.98 0.00	76.01 4.44 0.00	55.62 3.25 0.00	45.33 2.64 0.00	43.66 2.38 0.00	35.29 1.82 0.00
INDIAN POINT_GT_3 24019	67.76 3.20 0.00	35.05 1.79 0.00	35.36 1.73 0.00	35.99 1.80 0.00	39.01 1.98 0.00	42.47 2.15 0.00	33.82 1.70 0.00	35.78 1.84 0.00	37.60 2.06 0.00	33.82 2.04 0.00	33.71 2.01 -1.31	31.23 2.15 -0.09	31.65 2.12 0.00	30.56 2.08 0.00	33.67 2.09 0.00	36.52 2.23 0.00	42.50 2.61 0.00	44.26 2.68 0.00	47.63 2.98 0.00	76.01 4.44 0.00	55.62 3.25 0.00	45.33 2.64 0.00	43.66 2.38 0.00	35.29 1.82 0.00
INDIAN POINT___2 23530	67.69 3.12 0.00	34.98 1.72 0.00	35.29 1.66 0.00	35.91 1.73 0.00	38.94 1.91 0.00	42.39 2.06 0.00	33.76 1.64 0.00	35.71 1.77 0.00	37.53 1.99 0.00	33.73 1.96 0.00	34.18 1.93 -1.86	31.16 2.07 -0.09	31.59 2.06 0.00	30.50 2.01 0.00	33.60 2.02 0.00	36.45 2.17 0.00	42.41 2.52 0.00	44.18 2.60 0.00	47.54 2.90 0.00	75.90 4.34 0.00	55.53 3.17 0.00	45.27 2.58 0.00	43.58 2.29 0.00	35.22 1.76 0.00
INDIAN POINT___3 23531	67.69 3.12 0.00	35.01 1.75 0.00	35.33 1.70 0.00	35.95 1.77 0.00	38.98 1.95 0.00	42.43 2.10 0.00	33.79 1.67 0.00	35.75 1.81 0.00	37.56 2.02 0.00	33.77 1.99 0.00	33.67 1.96 -1.32	31.18 2.10 -0.09	31.61 2.08 0.00	30.52 2.03 0.00	33.64 2.05 0.00	36.47 2.19 0.00	42.44 2.56 0.00	44.21 2.62 0.00	47.54 2.90 0.00	75.92 4.36 0.00	55.54 3.18 0.00	45.27 2.58 0.00	43.60 2.31 0.00	35.24 1.78 0.00
INGHAM_C_115KV_TB7 356103	67.41 2.84 0.00	34.71 1.45 0.00	35.11 1.47 0.00	35.80 1.62 0.00	38.81 1.78 0.00	42.19 1.87 0.00	33.65 1.52 0.00	35.73 1.79 0.00	37.21 1.67 0.00	33.34 1.57 0.00	31.83 1.45 0.00	30.14 1.14 0.00	30.34 0.81 0.00	29.34 0.84 0.00	32.10 0.51 0.00	35.11 0.82 0.00	41.31 1.43 0.00	43.33 1.75 0.00	46.76 2.12 0.00	74.54 2.97 0.00	54.35 1.98 0.00	44.44 1.75 0.00	42.74 1.45 0.00	34.42 0.96 0.00
IP CORINTH___1 23988	67.40 2.83 0.00	34.77 1.51 0.00	35.17 1.54 0.00	35.80 1.62 0.00	38.87 1.84 0.00	42.28 1.96 0.00	33.57 1.45 0.00	35.59 1.65 0.00	37.34 1.80 0.00	33.40 1.62 0.00	31.90 1.51 0.00	30.52 1.41 -0.11	30.70 1.17 0.00	29.55 1.06 0.00	32.72 1.14 0.00	35.62 1.33 0.00	41.71 1.83 0.00	43.68 2.10 0.00	46.96 2.31 0.00	75.02 3.45 0.00	54.69 2.32 0.00	44.58 1.89 0.00	42.96 1.67 0.00	34.78 1.32 0.00
IP___TICONDEROGA 23804	69.91 5.34 0.00	36.08 2.82 0.00	36.45 2.82 0.00	37.22 3.03 0.00	40.45 3.42 0.00	44.05 3.72 0.00	34.75 2.63 0.00	37.00 3.06 0.00	38.91 3.37 0.00	34.75 2.97 0.00	33.09 2.70 0.00	31.54 2.43 -0.11	31.51 1.97 0.00	30.14 1.65 0.00	33.44 1.85 0.00	36.10 1.82 0.00	42.60 2.71 0.00	44.76 3.17 0.00	48.47 3.82 0.00	77.39 5.82 0.00	56.06 3.70 0.00	45.79 3.10 0.00	44.04 2.76 0.00	35.62 2.16 0.00

ISLIP_RES_REC 323679	69.87 5.30 0.00	36.17 2.91 0.00	36.43 2.79 0.00	37.03 2.85 0.00	40.17 3.14 0.00	43.79 3.47 0.00	34.76 2.64 0.00	36.70 2.76 0.00	38.62 3.08 0.00	35.03 3.25 0.00	34.75 3.17 -1.20	32.24 3.15 -0.09	32.54 3.01 0.00	31.40 2.92 0.00	34.51 2.93 0.00	37.25 2.97 0.00	43.45 3.57 0.00	45.29 3.71 0.00	48.82 4.17 0.00	77.10 5.54 0.00	56.57 4.21 0.00	46.28 3.59 0.00	44.66 3.37 0.00	36.01 2.55 0.00
JAMAICA__27_KV_LOAD 355505	68.58 4.01 0.00	35.49 2.23 0.00	35.72 2.09 0.00	36.37 2.19 0.00	39.38 2.35 0.00	42.85 2.53 0.00	34.21 2.09 0.00	36.24 2.30 0.00	38.10 2.56 0.00	34.32 2.54 0.00	34.06 2.47 -1.20	31.77 2.69 -0.09	32.17 2.64 0.00	31.08 2.60 0.00	34.18 2.59 0.00	37.06 2.78 0.00	43.10 3.21 0.00	44.80 3.21 0.00	48.15 3.51 0.00	76.86 5.30 0.00	56.28 3.92 0.00	45.92 3.23 0.00	44.19 2.90 0.00	35.71 2.25 0.00
JANIS__SOLAR 323808	65.37 -0.49 -1.30	35.18 -0.21 -2.13	35.25 -0.24 -1.86	36.39 -0.21 -2.42	39.51 -0.20 -2.68	42.93 -0.19 -2.79	33.91 -0.07 -1.86	36.25 0.03 -2.28	37.48 -0.10 -2.04	34.00 0.00 -2.23	32.01 -0.34 -1.96	30.51 -0.70 -2.22	30.26 -1.04 -1.77	27.82 -1.08 -0.41	32.82 -0.72 -1.96	36.39 -0.41 -2.52	42.13 -0.43 -2.67	44.15 -0.04 -2.61	46.32 0.24 -1.43	72.81 0.12 -1.12	53.61 0.02 -1.24	44.68 0.01 -1.98	42.28 -0.01 -1.00	33.50 -0.04 -0.08
JARVIS____ 23743	64.63 0.06 0.00	33.33 0.06 0.00	33.70 0.07 0.00	34.26 0.08 0.00	37.14 0.10 0.00	40.41 0.08 0.00	32.19 0.06 0.00	34.01 0.07 0.00	35.61 0.07 0.00	31.84 0.07 0.00	30.47 0.09 0.00	29.06 0.06 0.00	29.59 0.06 0.00	28.53 0.05 0.00	31.62 0.03 0.00	34.31 0.03 0.00	39.96 0.08 0.00	41.67 0.08 0.00	44.77 0.12 0.00	71.66 0.10 0.00	52.42 0.05 0.00	42.73 0.04 0.00	41.33 0.04 0.00	33.46 0.00 0.00
JENNISON__1 23625	82.49 -0.46 -18.38	36.07 -0.18 -2.99	38.40 -0.22 -4.99	35.21 -0.18 -1.21	36.81 -0.22 0.00	40.09 -0.23 0.00	33.24 -0.12 -1.23	34.77 0.17 -0.66	39.53 0.12 -3.86	33.56 0.35 -1.43	30.96 0.27 -0.31	29.00 -0.03 -0.04	29.47 -0.06 0.00	28.42 -0.07 0.00	31.58 0.00 0.00	34.41 0.12 0.00	40.57 -0.17 -0.85	43.77 0.03 -2.16	55.27 0.12 -10.50	92.41 0.39 -20.45	66.93 0.15 -14.42	48.91 0.11 -6.11	46.05 0.35 -4.42	33.94 0.12 -0.37
JENNISON__2 23626	82.49 -0.46 -18.38	36.07 -0.18 -2.99	38.40 -0.22 -4.99	35.21 -0.18 -1.21	36.81 -0.22 0.00	40.09 -0.23 0.00	33.24 -0.12 -1.23	34.77 0.17 -0.66	39.53 0.12 -3.86	33.56 0.35 -1.43	30.96 0.27 -0.31	29.00 -0.03 -0.04	29.47 -0.06 0.00	28.42 -0.07 0.00	31.58 0.00 0.00	34.41 0.12 0.00	40.57 -0.17 -0.85	43.77 0.03 -2.16	55.27 0.12 -10.50	92.41 0.39 -20.45	66.93 0.15 -14.42	48.91 0.11 -6.11	46.05 0.35 -4.42	33.94 0.12 -0.37
JERICHO_RISE_WT_PWR 323719	64.57 0.00 0.00	33.25 -0.01 0.00	33.49 -0.14 0.00	33.84 -0.34 0.00	36.43 -0.60 0.00	39.94 -0.38 0.00	31.59 -0.54 0.00	33.41 -0.53 0.00	35.02 -0.53 0.00	31.16 -0.61 0.00	29.89 -0.50 0.00	28.37 -0.63 0.00	29.08 -0.45 0.00	27.98 -0.50 0.00	31.09 -0.50 0.00	33.71 -0.57 0.00	39.11 -0.78 0.00	40.74 -0.85 0.00	43.46 -1.19 0.00	69.66 -1.90 0.00	51.14 -1.23 0.00	41.74 -0.95 0.00	40.51 -0.77 0.00	32.98 -0.48 0.00
KATONAH__115KV_46KV_TB4 355592	68.24 3.67 0.00	35.30 2.04 0.00	35.61 1.97 0.00	36.22 2.04 0.00	39.28 2.25 0.00	42.75 2.43 0.00	34.06 1.94 0.00	36.04 2.10 0.00	37.88 2.34 0.00	34.08 2.31 0.00	33.39 2.27 -0.74	31.46 2.38 -0.09	31.88 2.35 0.00	30.78 2.30 0.00	33.93 2.34 0.00	36.77 2.49 0.00	42.80 2.91 0.00	44.57 2.98 0.00	47.94 3.30 0.00	76.50 4.94 0.00	55.97 3.60 0.00	45.61 2.92 0.00	43.92 2.64 0.00	35.50 2.04 0.00
KCE_NY_1 323755	67.70 3.14 0.00	34.93 1.67 0.00	35.36 1.73 0.00	35.91 1.73 0.00	38.96 1.93 0.00	42.41 2.09 0.00	33.71 1.59 0.00	35.68 1.74 0.00	37.36 1.82 0.00	33.45 1.67 0.00	31.95 1.57 0.00	30.62 1.51 -0.11	30.90 1.37 0.00	29.79 1.31 0.00	32.95 1.37 0.00	35.86 1.58 0.00	41.93 2.05 0.00	43.83 2.25 0.00	47.02 2.37 0.00	75.18 3.62 0.00	54.86 2.50 0.00	44.77 2.08 0.00	43.14 1.86 0.00	34.92 1.46 0.00
KCE_NY_6_ESR 323823	12.27 -6.08 46.21	12.48 -3.23 17.55	10.44 -3.23 19.96	15.37 -3.23 15.59	18.78 -3.58 14.67	21.34 -3.69 15.29	16.44 -2.81 12.87	17.09 -3.07 13.78	13.24 -3.36 18.94	13.88 -2.88 15.01	16.25 -2.78 11.36	14.27 -2.76 11.96	17.03 -2.80 9.69	23.36 -2.86 2.27	17.78 -2.73 11.08	17.45 -3.05 13.78	19.33 -4.09 16.47	18.22 -4.33 19.04	11.52 -4.67 28.45	15.74 -7.55 48.27	10.35 -5.18 36.83	15.09 -4.41 23.19	23.33 -3.72 14.23	29.36 -2.92 1.18
KEDC_PORT_JEFF_GT2 24210	69.53 4.97 0.00	36.00 2.74 0.00	36.26 2.62 0.00	36.86 2.67 0.00	39.98 2.95 0.00	43.58 3.26 0.00	34.60 2.48 0.00	36.51 2.57 0.00	38.41 2.87 0.00	34.84 3.07 0.00	34.58 2.99 -1.20	32.09 3.00 -0.09	32.40 2.87 0.00	31.27 2.78 0.00	34.37 2.78 0.00	37.09 2.81 0.00	43.24 3.35 0.00	45.06 3.48 0.00	48.54 3.90 0.00	76.70 5.14 0.00	56.28 3.92 0.00	46.06 3.37 0.00	44.45 3.17 0.00	35.85 2.39 0.00
KEDC_PORT_JEFF_GT3 24211	69.53 4.97 0.00	36.00 2.74 0.00	36.26 2.62 0.00	36.86 2.67 0.00	39.98 2.95 0.00	43.58 3.26 0.00	34.60 2.48 0.00	36.51 2.57 0.00	38.41 2.87 0.00	34.84 3.07 0.00	34.58 2.99 -1.20	32.09 3.00 -0.09	32.40 2.87 0.00	31.27 2.78 0.00	34.37 2.78 0.00	37.09 2.81 0.00	43.24 3.35 0.00	45.06 3.48 0.00	48.54 3.90 0.00	76.70 5.14 0.00	56.28 3.92 0.00	46.06 3.37 0.00	44.45 3.17 0.00	35.85 2.39 0.00
KEDC_GLWD_GT4 24219	68.77 4.20 0.00	35.55 2.29 0.00	35.85 2.21 0.00	36.47 2.28 0.00	39.57 2.53 0.00	43.09 2.77 0.00	34.25 2.13 0.00	36.22 2.28 0.00	38.12 2.58 0.00	34.39 2.62 0.00	34.15 2.56 -1.20	31.74 2.66 -0.09	32.14 2.61 0.00	31.04 2.55 0.00	34.16 2.57 0.00	37.00 2.72 0.00	43.03 3.14 0.00	44.55 2.96 0.00	47.96 3.32 0.00	76.63 5.06 0.00	56.28 3.91 0.00	45.95 3.26 0.00	44.25 2.96 0.00	35.74 2.28 0.00
KEDC_GLWD_GTS 24220	68.77 4.20 0.00	35.55 2.29 0.00	35.85 2.21 0.00	36.47 2.28 0.00	39.57 2.53 0.00	43.09 2.77 0.00	34.25 2.13 0.00	36.22 2.28 0.00	38.12 2.58 0.00	34.39 2.62 0.00	34.15 2.56 -1.20	31.74 2.66 -0.09	32.14 2.61 0.00	31.04 2.55 0.00	34.16 2.57 0.00	37.00 2.72 0.00	43.03 3.14 0.00	44.55 2.96 0.00	47.96 3.32 0.00	76.63 5.06 0.00	56.28 3.91 0.00	45.95 3.26 0.00	44.25 2.96 0.00	35.74 2.28 0.00
KENSICO____ 23655	68.04 3.47 0.00	35.20 1.94 0.00	35.50 1.87 0.00	36.13 1.94 0.00	39.17 2.13 0.00	42.63 2.31 0.00	33.96 1.84 0.00	35.93 1.99 0.00	37.76 2.21 0.00	33.98 2.20 0.00	33.80 2.16 -1.25	31.38 2.29 -0.09	31.80 2.27 0.00	30.70 2.22 0.00	33.83 2.24 0.00	36.68 2.39 0.00	42.68 2.79 0.00	44.43 2.85 0.00	47.80 3.16 0.00	76.28 4.72 0.00	55.83 3.46 0.00	45.51 2.82 0.00	43.83 2.54 0.00	35.42 1.96 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	68.22 3.65 0.00	35.26 2.00 0.00	35.59 1.96 0.00	36.22 2.03 0.00	39.27 2.24 0.00	42.74 2.42 0.00	34.08 1.96 0.00	36.05 2.11 0.00	37.87 2.32 0.00	34.01 2.24 0.00	32.35 2.15 0.19	31.26 2.18 -0.08	31.66 2.13 0.00	30.52 2.04 0.00	33.70 2.11 0.00	36.56 2.28 0.00	42.68 2.79 0.00	44.57 2.98 0.00	47.99 3.35 0.00	76.66 5.09 0.00	56.02 3.66 0.00	45.60 2.90 0.00	43.92 2.63 0.00	35.49 2.03 0.00
KIAC_JFK_GT1 23816	68.19 3.63 0.00	35.29 2.04 0.00	35.53 1.90 0.00	36.17 1.99 0.00	39.16 2.13 0.00	42.60 2.28 0.00	34.01 1.89 0.00	36.01 2.07 0.00	37.86 2.32 0.00	34.12 2.35 0.00	33.88 2.29 -1.20	31.59 2.51 -0.09	32.00 2.47 0.00	30.92 2.43 0.00	33.99 2.40 0.00	36.85 2.57 0.00	42.79 2.90 0.00	44.37 2.78 0.00	47.71 3.06 0.00	76.11 4.55 0.00	55.75 3.39 0.00	45.63 2.94 0.00	43.93 2.65 0.00	35.51 2.05 0.00
KIAC_JFK_GT2 23817	68.19 3.63 0.00	35.29 2.04 0.00	35.53 1.90 0.00	36.17 1.99 0.00	39.16 2.13 0.00	42.60 2.28 0.00	34.01 1.89 0.00	36.01 2.07 0.00	37.86 2.32 0.00	34.12 2.35 0.00	33.88 2.29 -1.20	31.59 2.51 -0.09	32.00 2.47 0.00	30.92 2.43 0.00	33.99 2.40 0.00	36.85 2.57 0.00	42.79 2.90 0.00	44.37 2.78 0.00	47.71 3.06 0.00	76.11 4.55 0.00	55.75 3.39 0.00	45.63 2.94 0.00	43.93 2.65 0.00	35.51 2.05 0.00
KIAC_JFK____ 323774	68.25 3.68 0.00	35.29 2.03 0.00	35.52 1.89 0.00	36.15 1.97 0.00	39.15 2.12 0.00	42.59 2.27 0.00	34.00 1.88 0.00	36.01 2.07 0.00	37.86 2.32 0.00	34.12 2.34 0.00	33.88 2.29 -1.20	31.58 2.50 -0.09	31.99 2.46 0.00	30.92 2.43 0.00	33.98 2.39 0.00	36.86 2.57 0.00	42.78 2.89 0.00	44.37 2.78 0.00	47.71 3.07 0.00	76.14 4.58 0.00	55.76 3.40 0.00	45.65 2.96 0.00	43.94 2.65 0.00	35.51 2.05 0.00
KINTIGH_24_KV_GSU 356498	23.34 -6.61 34.61	18.03 -3.47 11.76	16.27 -3.48 13.89	20.68 -3.50 10.00	24.11 -3.88 9.04	26.81 -4.10 9.42	20.68 -3.10 8.34	21.81 -3.44 8.69	18.97 -3.66 12.91	18.90 -3.17 9.70	20.27 -3.03 7.09	18.65 -2.99 7.36	20.54 -3.02 5.96	24.02 -3.07 1.40	21.56 -3.09 6.93	22.42 -3.38 8.48	25.03 -4.43 10.42	24.39 -4.73 12.45	18.63 -5.14 20.87	26.71 -8.40 36.45	18.94 -5.93 27.49	21.42 -4.98 16.28	26.85 -4.26 10.18	29.27 -3.35 0.84
KINTIGH____ 23543	23.43 -6.52 34.61	17.98 -3.52 11.76	16.21 -3.53 13.89	20.61 -3.57 10.00	24.05 -3.94 9.04	26.75 -4.16 9.42	20.63 -3.15 8.34	21.74 -3.51 8.69	18.91 -3.72 12.91	18.83 -3.25 9.70	20.19 -3.11 7.09	18.56 -3.08 7.36	20.47 -3.09 5.96	24.00 -3.09 1.40	21.45 -3.20 6.93	22.33 -3.47 8.48	24.95 -4.51 10.42	24.30 -4.83 12.45	18.62 -5.15 20.87	26.72 -8.39 36.45	18.91 -5.96 27.49	21.45 -4.96 16.28	26.80 -4.31 10.18	29.25 -3.37 0.84
KNTFSRNC_46_KV_46KV_LOAD 80397	65.42 0.85 0.00	33.78 0.52 0.00	33.97 0.34 0.00	34.32 0.14 0.00	37.00 -0.03 0.00	40.53 0.20 0.00	32.08 -0.03 0.00	33.99 0.05 0.00	35.62 0.08 0.00	31.71 -0.06 0.00	30.30 -0.08 0.00	28.74 -0.26 0.00	29.45 -0.08 0.00	28.24 -0.25 0.00	31.37 -0.21 0.00	34.12 -0.17 0.00	39.59 -0.30 0.00	41.45 -0.13 0.00	44.26 -0.39 0.00	70.74 -0.82 0.00	51.93 -0.43 0.00	42.43 -0.26 0.00	41.16 -0.13 0.00	33.45 -0.01 0.00
LACHUTE__HYDRO 323717	69.91 5.35 0.00	36.08 2.82 0.00	36.45 2.82 0.00	37.22 3.03 0.00	40.45 3.42 0.00	44.05 3.73 0.00	34.75 2.63 0.00	37.00 3.06 0.00	38.91 3.37 0.00	34.75 2.97 0.00	33.09 2.70 0.00	31.54 2.43 -0.11	31.50 1.98 0.00	30.14 1.65 0.00	33.44 1.85 0.00	36.09 1.81 0.00	42.60 2.71 0.00	44.75 3.17 0.00	48.46 3.82 0.00	77.39 5.82 0.00	56.06 3.70 0.00	45.79 3.10 0.00	44.04 2.76 0.00	35.62 2.16 0.00
LAWRNCV_115KV_TB1 80681	65.05 0.48 0.00	33.54 0.28 0.00	33.85 0.21 0.00	34.35 0.17 0.00	37.14 0.11 0.00	40.55 0.22 0.00	32.32 0.19 0.00	34.16 0.22 0.00	35.71 0.17 0.00	31.62 -0.15 0.00	30.28 -0.11 0.00	28.63 -0.37 0.00	29.23 -0.30 0.00	28.23 -0.26 0.00	31.47 -0.12 0.00	34.19 -0.09 0.00	39.82 -0.07 0.00	41.40 -0.19 0.00	44.17 -0.47 0.00	70.69 -0.87 0.00	51.84 -0.52 0.00	42.53 -0.16 0.00	41.45 0.17 0.00	33.64 0.18 0.00
LEDERLE____ 23769	67.86 3.29 0.00	35.09 1.83 0.00	35.40 1.77 0.00	36.03 1.84 0.00	39.07 2.04 0.00	42.54 2.21 0.00	33.87 1.75 0.00	35.83 1.89 0.00	37.65 2.11 0.00	33.83 2.06 0.00	33.20 2.03 -0.78	31.25 2.17 -0.09	31.69 2.16 0.00	30.59 2.10 0.00	33.71 2.13 0.00	36.58 2.30 0.00	42.57 2.68 0.00	44.36 2.77 0.00	47.72 3.08 0.00	76.23 4.66 0.00	55.76 3.39 0.00	45.43 2.74 0.00	43.74 2.46 0.00	35.34 1.88 0.00
LIGHTHSE_115KV_TB6 355974	62.20 -2.37 0.00	31.96 -1.30 0.00	32.30 -1.33 0.00	32.92 -1.26 0.00	35.64 -1.39 0.00	38.90 -1.43 0.00	30.97 -1.16 0.00	32.77 -1.17 0.00	33.88 -1.66 0.00	30.28 -1.49 0.00	29.12 -1.27 0.00	27.36 -1.65 -0.01	27.62 -1.91 0.00	26.75 -1.74 0.00	30.03 -1.56 0.00	32.80 -1.49 0.00	38.44 -1.45 0.00	40.21 -1.37 0.00	43.32 -1.32 0.00	69.13 -2.44 0.00	50.39 -1.98 0.00	41.01 -1.68 0.00	39.93 -1.35 0.00	32.12 -1.34 0.00
LINDEN COGEN____ 23786	68.13 3.57 0.01	35.22 1.97 0.00	35.55 1.92 0.00	36.20 2.02 0.00	39.26 2.23 0.00	42.73 2.40 0.00	34.05 1.93 0.00	36.03 2.09 0.00	37.90 2.36 0.00	34.09 2.32 -1.20	33.87 2.28 -0.09	31.52 2.43 0.00	31.94 2.41 0.00	30.85 2.37 0.00	33.96 2.37 0.00	36.84 2.56 0.00	42.85 2.96 0.00	44.60 3.02 0.00	48.00 3.35 0.00	76.58 5.01 0.00	56.05 3.69 0.00	45.70 3.01 0.00	43.97 2.68 0.00	35.53 2.07 0.00
LINDHRST_69_KV_BK1 356055	69.35 4.78 0.00	35.96 2.70 0.00	36.23 2.60 0.00	36.85 2.66 0.00	39.99 2.95 0.00	43.58 3.26 0.00	34.60 2.48 0.00	36.55 2.61 0.00	38.45 2.91 0.00	34.84 3.07 0.00	34.59 3.00 -1.20	32.12 3.03 -0.09	32.45 2.92 0.00	31.33 2.84 0.00	34.43 2.85 0.00	37.23 2.94 0.00	43.37 3.48 0.00	45.20 3.61 0.00	48.67 4.03 0.00	77.15 5.59 0.00	56.62 4.25 0.00	46.30 3.61 0.00	44.65 3.37 0.00	36.03 2.57 0.00
LIPA_MISC_IPP 23656	69.53 4.96 0.00	36.14 2.88 0.00	36.39 2.75 0.00	36.94 2.75 0.00	40.05 3.02 0.00	43.67 3.35 0.00	34.65 2.53 0.00	36.59 2.64 0.00	38.41 2.87 0.00	34.86 3.08 0.00	34.58 3.00 -1.20	32.07 2.98 -0.09	32.34 2.81 0.00	31.21 2.73 0.00	34.32 2.73 0.00	37.00 2.71 0.00	43.18 3.29 0.00	44.94 3.36 0.00	48.39 3.75 0.00	76.08 4.51 0.00	55.87 3.51 0.00	45.72 3.03 0.00	44.20 2.91 0.00	35.67 2.21 0.00
LISF__SOLAR 323691	69.80 5.23 0.00	36.20 2.94 0.00	36.44 2.81 0.00	36.99 2.80 0.00	40.10 3.07 0.00	43.74 3.42 0.00	34.70 2.58 0.00	36.61 2.67 0.00	38.48 2.94 0.00	34.91 3.14 0.00	34.63 3.04 -1.20	32.12 3.03 -0.09	32.38 2.85 0.00	31.25 2.77 0.00	34.36 2.77 0.00	37.06 2.77 0.00	43.25 3.36 0.00	45.03 3.45 0.00	48.51 3.86 0.00	76.29 4.72 0.00	56.02 3.65 0.00	45.83 3.14 0.00	44.28 3.00 0.00	35.73 2.27 0.00

LITTLE FALLS___HYD 24013	67.41 2.84 0.00	34.71 1.45 0.00	35.11 1.47 0.00	35.80 1.62 0.00	38.81 1.78 0.00	42.19 1.87 0.00	33.65 1.52 0.00	35.73 1.79 0.00	37.21 1.67 0.00	33.34 1.57 0.00	31.83 1.45 0.00	30.14 1.14 0.00	30.34 0.81 0.00	29.34 0.84 0.00	32.10 0.51 0.00	35.11 0.82 0.00	41.31 1.43 0.00	43.33 1.75 0.00	46.76 2.12 0.00	74.54 2.97 0.00	54.35 1.98 0.00	44.44 1.75 0.00	42.74 1.45 0.00	34.42 0.96 0.00
LITTLRIV_115KV_TB1 356100	65.80 1.23 0.00	33.90 0.64 0.00	34.23 0.59 0.00	34.72 0.54 0.00	37.55 0.51 0.00	40.98 0.66 0.00	32.70 0.58 0.00	34.56 0.62 0.00	36.07 0.53 0.00	31.78 0.00 0.00	30.43 0.04 0.00	28.71 -0.29 0.00	29.34 -0.19 0.00	28.35 -0.14 0.00	31.63 0.05 0.00	34.38 0.10 0.00	40.20 0.32 0.00	41.84 0.26 0.00	44.70 0.06 0.00	71.56 0.00 0.00	52.47 0.10 0.00	43.02 0.33 0.00	41.92 0.64 0.00	34.02 0.56 0.00
LI_NEWBRDGE___DRP 323616	68.22 3.65 0.00	35.39 2.13 0.00	35.67 2.03 0.00	36.29 2.11 0.00	39.38 2.35 0.00	42.89 2.57 0.00	34.06 1.93 0.00	35.99 2.05 0.00	37.86 2.31 0.00	34.25 2.47 0.00	34.02 2.43 -1.20	31.59 2.51 -0.09	31.96 2.43 0.00	30.85 2.37 0.00	33.93 2.35 0.00	36.70 2.41 0.00	42.72 2.83 0.00	44.46 2.88 0.00	47.86 3.22 0.00	76.04 4.48 0.00	55.78 3.41 0.00	45.62 2.93 0.00	43.98 2.69 0.00	35.50 2.04 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.86 -6.40 38.30	16.04 -3.52 13.70	14.15 -3.54 15.94	18.72 -3.60 11.87	22.13 -3.98 10.91	24.76 -4.19 11.37	19.16 -3.13 9.83	20.07 -3.49 10.38	16.94 -3.68 14.92	16.99 -3.31 11.47	18.71 -3.17 8.51	16.90 -3.21 8.89	19.09 -3.24 7.20	23.36 -3.44 1.69	19.99 -3.30 8.29	20.38 -3.66 10.24	22.60 -4.87 12.42	21.78 -5.19 14.61	15.81 -5.38 23.46	22.41 -8.83 40.32	15.99 -5.93 30.45	19.17 -4.98 18.54	25.57 -4.17 11.55	29.08 -3.42 0.96
LOCKPORT___CC1 323769	18.61 -6.69 39.27	15.24 -3.56 14.46	13.39 -3.57 16.68	17.92 -3.61 12.66	21.27 -4.01 11.75	23.86 -4.22 12.24	18.52 -3.16 10.45	19.32 -3.51 11.12	16.14 -3.72 15.68	16.27 -3.29 12.21	18.11 -3.15 9.13	16.27 -3.16 9.57	18.56 -3.21 7.76	23.24 -3.43 1.82	19.45 -3.23 8.91	19.64 -3.62 11.03	21.78 -4.83 13.29	20.93 -5.16 15.49	14.93 -5.48 24.24	21.26 -9.00 41.31	15.05 -6.02 31.29	18.22 -5.11 19.36	25.03 -4.26 12.00	29.00 -3.47 1.00
LOCKPORT___CC2 323770	18.61 -6.69 39.27	15.24 -3.56 14.46	13.39 -3.57 16.68	17.92 -3.61 12.66	21.27 -4.01 11.75	23.86 -4.22 12.24	18.52 -3.16 10.45	19.32 -3.51 11.12	16.14 -3.72 15.68	16.27 -3.29 12.21	18.11 -3.15 9.13	16.27 -3.16 9.57	18.56 -3.21 7.76	23.24 -3.43 1.82	19.45 -3.23 8.91	19.64 -3.62 11.03	21.78 -4.83 13.29	20.93 -5.16 15.49	14.93 -5.48 24.24	21.26 -9.00 41.31	15.05 -6.02 31.29	18.22 -5.11 19.36	25.03 -4.26 12.00	29.00 -3.47 1.00
LOCKPORT___CC3 323771	18.61 -6.69 39.27	15.24 -3.56 14.46	13.39 -3.57 16.68	17.92 -3.61 12.66	21.27 -4.01 11.75	23.86 -4.22 12.24	18.52 -3.16 10.45	19.32 -3.51 11.12	16.14 -3.72 15.68	16.27 -3.29 12.21	18.11 -3.15 9.13	16.27 -3.16 9.57	18.56 -3.21 7.76	23.24 -3.43 1.82	19.45 -3.23 8.91	19.64 -3.62 11.03	21.78 -4.83 13.29	20.93 -5.16 15.49	14.93 -5.48 24.24	21.26 -9.00 41.31	15.05 -6.02 31.29	18.22 -5.11 19.36	25.03 -4.26 12.00	29.00 -3.47 1.00
LOCUSVLY_69_KV_BK2 55797	68.87 4.30 0.00	35.69 2.43 0.00	35.99 2.35 0.00	36.60 2.42 0.00	39.71 2.68 0.00	43.26 2.94 0.00	34.37 2.25 0.00	36.34 2.40 0.00	38.24 2.70 0.00	34.56 2.78 0.00	34.31 2.72 -1.20	31.88 2.79 -0.09	32.27 2.73 0.00	31.15 2.66 0.00	34.28 2.70 0.00	37.08 2.80 0.00	43.16 3.27 0.00	44.85 3.26 0.00	48.25 3.60 0.00	76.84 5.27 0.00	56.40 4.04 0.00	46.08 3.39 0.00	44.40 3.12 0.00	35.85 2.39 0.00
LONG LAKE PHOENIX 24014	61.90 -2.66 0.00	31.92 -1.34 0.00	32.27 -1.37 0.00	32.80 -1.38 0.00	35.53 -1.51 0.00	38.70 -1.62 0.00	30.86 -1.26 0.00	32.61 -1.33 0.00	34.07 -1.47 0.00	30.49 -1.29 0.00	29.13 -1.26 0.00	27.73 -1.27 -0.01	28.17 -1.36 0.00	27.20 -1.28 0.00	30.29 -1.30 0.00	32.93 -1.36 0.00	38.33 -1.56 0.00	40.00 -1.58 0.00	42.96 -1.68 0.00	68.73 -2.84 0.00	50.25 -2.11 0.00	40.92 -1.78 0.00	39.58 -1.71 0.00	32.05 -1.41 0.00
LOVETT___3 23632	67.51 2.94 0.00	34.92 1.66 0.00	35.23 1.60 0.00	35.85 1.67 0.00	38.89 1.86 0.00	42.33 2.00 0.00	33.70 1.58 0.00	35.65 1.71 0.00	37.46 1.92 0.00	33.66 1.89 0.00	33.66 1.87 -1.40	31.09 2.01 -0.09	31.52 1.99 0.00	30.44 1.95 0.00	33.54 1.95 0.00	36.37 2.09 0.00	42.33 2.44 0.00	44.09 2.51 0.00	47.45 2.81 0.00	75.81 4.25 0.00	55.46 3.10 0.00	45.19 2.50 0.00	43.52 2.23 0.00	35.18 1.72 0.00
LOVETT___4 23642	67.51 2.94 0.00	34.92 1.66 0.00	35.23 1.60 0.00	35.85 1.67 0.00	38.89 1.86 0.00	42.33 2.00 0.00	33.70 1.58 0.00	35.65 1.71 0.00	37.46 1.92 0.00	33.66 1.89 0.00	33.66 1.87 -1.40	31.09 2.01 -0.09	31.52 1.99 0.00	30.44 1.95 0.00	33.54 1.95 0.00	36.37 2.09 0.00	42.33 2.44 0.00	44.09 2.51 0.00	47.45 2.81 0.00	75.81 4.25 0.00	55.46 3.10 0.00	45.19 2.50 0.00	43.52 2.23 0.00	35.18 1.72 0.00
LOVETT___5 23593	67.51 2.94 0.00	34.92 1.66 0.00	35.23 1.60 0.00	35.85 1.67 0.00	38.89 1.86 0.00	42.33 2.00 0.00	33.70 1.58 0.00	35.65 1.71 0.00	37.46 1.92 0.00	33.66 1.89 0.00	33.66 1.87 -1.40	31.09 2.01 -0.09	31.52 1.99 0.00	30.44 1.95 0.00	33.54 1.95 0.00	36.37 2.09 0.00	42.33 2.44 0.00	44.09 2.51 0.00	47.45 2.81 0.00	75.81 4.25 0.00	55.46 3.10 0.00	45.19 2.50 0.00	43.52 2.23 0.00	35.18 1.72 0.00
LOWER RAQUET___HYD 24057	65.00 0.43 0.00	33.51 0.26 0.00	33.82 0.19 0.00	34.33 0.14 0.00	37.11 0.08 0.00	40.51 0.19 0.00	32.28 0.16 0.00	34.14 0.19 0.00	35.67 0.13 0.00	31.56 -0.21 0.00	30.22 -0.17 0.00	28.54 -0.45 0.00	29.12 -0.41 0.00	28.16 -0.33 0.00	31.39 -0.19 0.00	34.12 -0.16 0.00	39.77 -0.11 0.00	41.31 -0.27 0.00	44.07 -0.58 0.00	70.51 -1.05 0.00	51.70 -0.67 0.00	42.45 -0.24 0.00	41.41 0.12 0.00	33.61 0.14 0.00
LOWER___HUDSON 24059	67.15 2.58 0.00	34.69 1.43 0.00	35.06 1.43 0.00	35.67 1.48 0.00	38.68 1.65 0.00	42.07 1.75 0.00	33.41 1.29 0.00	35.33 1.39 0.00	37.05 1.51 0.00	33.16 1.39 0.00	31.72 1.33 0.00	30.42 1.31 -0.11	30.81 1.28 0.00	29.73 1.24 0.00	32.84 1.25 0.00	35.62 1.34 0.00	41.59 1.70 0.00	43.35 1.76 0.00	46.50 1.86 0.00	74.30 2.74 0.00	54.33 1.97 0.00	44.33 1.64 0.00	42.76 1.47 0.00	34.66 1.20 0.00
LOWVILLE_115KV_TB2 356335	63.18 -1.39 0.00	32.46 -0.80 0.00	32.79 -0.84 0.00	33.74 -0.44 0.00	36.45 -0.59 0.00	39.54 -0.78 0.00	31.38 -0.74 0.00	33.23 -0.71 0.00	34.46 -1.08 0.00	30.59 -1.18 0.00	29.39 -1.00 0.00	27.62 -1.38 0.00	27.92 -1.61 0.00	27.00 -1.49 0.00	30.31 -1.28 0.00	32.97 -1.31 0.00	38.79 -1.10 0.00	40.66 -0.93 0.00	44.16 -0.48 0.00	70.16 -1.40 0.00	50.92 -1.44 0.00	41.59 -1.10 0.00	40.68 -0.60 0.00	32.54 -0.93 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	67.64 3.07 0.00	34.90 1.65 0.00	35.31 1.68 0.00	35.91 1.73 0.00	38.95 1.92 0.00	42.39 2.07 0.00	33.69 1.57 0.00	35.66 1.72 0.00	37.36 1.82 0.00	33.43 1.65 0.00	31.94 1.55 0.00	30.60 1.49 -0.11	30.89 1.36 0.00	29.77 1.29 0.00	32.94 1.35 0.00	35.84 1.55 0.00	41.91 2.02 0.00	43.79 2.21 0.00	47.00 2.36 0.00	75.12 3.55 0.00	54.84 2.47 0.00	44.73 2.04 0.00	43.13 1.84 0.00	34.92 1.46 0.00
LUTHERNY_35_KV_BK2 355980	67.68 3.11 0.00	34.93 1.67 0.00	35.36 1.73 0.00	35.91 1.73 0.00	38.97 1.94 0.00	42.41 2.09 0.00	33.71 1.59 0.00	35.68 1.74 0.00	37.36 1.82 0.00	33.45 1.68 0.00	31.96 1.57 0.00	30.62 1.51 -0.11	30.91 1.37 0.00	29.79 1.31 0.00	32.95 1.37 0.00	35.87 1.59 0.00	41.94 2.05 0.00	43.83 2.25 0.00	47.02 2.38 0.00	75.18 3.62 0.00	54.87 2.50 0.00	44.77 2.08 0.00	43.14 1.85 0.00	34.92 1.46 0.00
LWR__OSWEGATCHIE_HYD 23850	63.90 -0.67 0.00	32.89 -0.37 0.00	33.20 -0.43 0.00	33.88 -0.30 0.00	36.63 -0.40 0.00	39.90 -0.42 0.00	31.73 -0.40 0.00	33.57 -0.37 0.00	34.90 -0.64 0.00	30.92 -0.85 0.00	29.70 -0.69 0.00	27.95 -1.05 0.00	28.37 -1.16 0.00	27.45 -1.03 0.00	30.72 -0.86 0.00	33.44 -0.84 0.00	39.17 -0.72 0.00	40.85 -0.74 0.00	43.91 -0.73 0.00	70.02 -1.55 0.00	51.11 -1.25 0.00	41.86 -0.83 0.00	40.91 -0.38 0.00	32.96 -0.50 0.00
LYONS_FALL_HYD 23570	64.10 -0.47 0.00	32.97 -0.29 0.00	33.34 -0.30 0.00	34.14 -0.04 0.00	36.91 -0.12 0.00	40.11 -0.21 0.00	31.88 -0.24 0.00	33.75 -0.19 0.00	35.09 -0.45 0.00	31.28 -0.50 0.00	29.98 -0.41 0.00	28.27 -0.73 0.00	28.65 -0.88 0.00	27.66 -0.83 0.00	30.92 -0.66 0.00	33.68 -0.60 0.00	39.48 -0.41 0.00	41.36 -0.23 0.00	44.72 0.08 0.00	71.23 -0.33 0.00	51.84 -0.52 0.00	42.30 -0.39 0.00	41.18 -0.10 0.00	33.06 -0.40 0.00
MADISON__COUNTY_LFGE 323628	65.22 0.65 0.00	33.62 0.36 0.00	34.01 0.38 0.00	34.60 0.42 0.00	37.49 0.46 0.00	40.84 0.52 0.00	32.54 0.42 0.00	34.41 0.47 0.00	35.85 0.31 0.00	32.12 0.34 0.00	30.69 0.30 0.00	28.99 -0.01 0.00	29.48 -0.05 0.00	28.39 -0.10 0.00	31.63 0.04 0.00	34.54 0.25 0.00	40.31 0.42 0.00	42.21 0.63 0.00	45.39 0.75 0.00	72.53 0.97 0.00	52.98 0.62 0.00	43.14 0.45 0.00	41.73 0.44 0.00	33.67 0.21 0.00
MALONE__115KV_TB1 356076	65.52 0.95 0.00	33.83 0.57 0.00	34.05 0.41 0.00	34.42 0.24 0.00	37.12 0.08 0.00	40.66 0.34 0.00	32.24 0.11 0.00	34.12 0.18 0.00	35.76 0.21 0.00	31.74 -0.03 0.00	30.36 -0.03 0.00	28.72 -0.28 0.00	29.34 -0.19 0.00	28.27 -0.21 0.00	31.50 -0.09 0.00	34.23 -0.06 0.00	39.80 -0.10 0.00	41.47 -0.12 0.00	44.25 -0.39 0.00	70.71 -0.86 0.00	51.92 -0.44 0.00	42.44 -0.25 0.00	41.23 -0.06 0.00	33.49 0.03 0.00
MAPLEWOD_115KV_TB3 80458	67.17 2.60 0.00	34.73 1.47 0.00	35.13 1.50 0.00	35.74 1.55 0.00	38.75 1.72 0.00	42.14 1.81 0.00	33.47 1.34 0.00	35.38 1.44 0.00	37.11 1.56 0.00	33.20 1.43 0.00	31.77 1.38 0.00	30.50 1.40 -0.11	30.90 1.37 0.00	29.86 1.37 0.00	32.97 1.38 0.00	35.78 1.50 0.00	41.74 1.85 0.00	43.49 1.90 0.00	46.65 2.01 0.00	74.54 2.98 0.00	54.52 2.16 0.00	44.47 1.78 0.00	42.91 1.62 0.00	34.78 1.32 0.00
MAPLE_RIDGE_WT_1 323574	61.38 -3.19 0.00	31.64 -1.62 0.00	32.07 -1.56 0.00	32.53 -1.65 0.00	35.27 -1.77 0.00	38.42 -1.90 0.00	30.59 -1.54 0.00	32.32 -1.62 0.00	33.83 -1.71 0.00	30.24 -1.53 0.00	29.00 -1.39 0.00	27.66 -1.34 0.00	28.11 -1.42 0.00	27.13 -1.36 0.00	30.06 -1.52 0.00	32.63 -1.66 0.00	37.97 -1.92 0.00	39.59 -1.99 0.00	42.64 -2.00 0.00	68.13 -3.43 0.00	49.81 -2.55 0.00	40.71 -1.98 0.00	39.53 -1.76 0.00	31.83 -1.63 0.00
MAPLE_RIDGE_WT_2 323611	61.38 -3.19 0.00	31.64 -1.62 0.00	32.07 -1.56 0.00	32.53 -1.65 0.00	35.27 -1.77 0.00	38.42 -1.90 0.00	30.59 -1.54 0.00	32.32 -1.62 0.00	33.83 -1.71 0.00	30.24 -1.53 0.00	29.00 -1.39 0.00	27.66 -1.34 0.00	28.11 -1.42 0.00	27.13 -1.36 0.00	30.06 -1.52 0.00	32.63 -1.66 0.00	37.97 -1.92 0.00	39.59 -1.99 0.00	42.64 -2.00 0.00	68.13 -3.43 0.00	49.81 -2.55 0.00	40.71 -1.98 0.00	39.53 -1.76 0.00	31.83 -1.63 0.00
MARBLE_RIVER_WT_PWR 323696	64.56 0.00 0.00	33.25 -0.01 0.00	33.49 -0.14 0.00	33.85 -0.34 0.00	36.45 -0.58 0.00	39.98 -0.35 0.00	31.61 -0.52 0.00	33.43 -0.51 0.00	35.04 -0.51 0.00	31.19 -0.58 0.00	29.91 -0.47 0.00	28.39 -0.60 0.00	29.11 -0.42 0.00	28.01 -0.48 0.00	31.11 -0.47 0.00	33.75 -0.53 0.00	39.16 -0.73 0.00	40.78 -0.80 0.00	43.52 -1.13 0.00	69.73 -1.84 0.00	51.16 -1.20 0.00	41.78 -0.91 0.00	40.55 -0.74 0.00	32.99 -0.47 0.00
MARSHVLE_115KV_TB1 80742	65.61 1.04 0.00	33.80 0.54 0.00	34.18 0.55 0.00	34.79 0.61 0.00	37.66 0.63 0.00	41.05 0.72 0.00	32.83 0.70 0.00	34.69 0.75 0.00	36.02 0.48 0.00	32.12 0.35 0.00	30.63 0.25 0.00	28.90 -0.22 -0.13	29.10 -0.43 0.00	28.09 -0.40 0.00	31.35 -0.23 0.00	34.40 0.12 0.00	40.27 0.39 0.00	42.32 0.74 0.00	45.86 1.21 0.00	73.15 1.58 0.00	53.59 1.22 0.00	43.79 1.10 0.00	42.38 1.10 0.00	34.24 0.78 0.00
MARSH_HILL_WT_PWR 323713	15.47 -6.94 42.16	53.10 -3.84 -23.68	41.77 -4.00 -12.13	64.80 -4.00 -34.62	76.43 -3.81 -43.20	81.32 -4.01 -45.01	54.45 -3.45 -25.77	64.83 -3.47 -34.35	51.00 -3.76 -19.21	59.09 -3.50 -30.82	57.27 -3.66 -30.54	60.70 -3.55 -35.26	54.37 -3.68 -28.52	32.26 -3.44 -7.21	60.29 -3.20 -31.90	71.27 -3.56 -40.54	76.15 -3.90 -40.15	72.80 -3.53 -34.74	25.36 -4.89 14.40	10.80 -7.49 53.27	16.56 -5.81 29.99	48.46 -4.77 -10.54	37.12 -4.64 -0.47	29.74 -3.79 -0.06
MCINTYRE_115KV_TB2 80467	66.35 1.78 0.00	34.21 0.95 0.00	34.54 0.91 0.00	35.03 0.85 0.00	37.90 0.86 0.00	41.38 1.06 0.00	33.03 0.91 0.00	34.89 0.94 0.00	36.38 0.84 0.00	32.00 0.23 0.00	30.62 0.23 0.00	28.90 -0.09 0.00	29.55 0.02 0.00	28.55 0.06 0.00	31.85 0.26 0.00	34.63 0.35 0.00	40.55 0.67 0.00	42.28 0.69 0.00	45.23 0.59 0.00	72.48 0.92 0.00	53.16 0.79 0.00	43.50 0.81 0.00	42.34 1.05 0.00	34.37 0.91 0.00
MECO____69_KV_BK1 80468	67.33 2.76 0.00	34.70 1.44 0.00	35.08 1.44 0.00	35.68 1.50 0.00	38.66 1.63 0.00	42.13 1.80 0.00	33.62 1.50 0.00	35.59 1.65 0.00	37.04 1.50 0.00	32.93 1.16 0.00	31.38 0.99 0.00	29.69 0.57 -0.12	29.67 0.14 0.00	28.71 0.22 0.00	31.75 0.16 0.00	35.00 0.71 0.00	41.24 1.36 0.00	43.53 1.95 0.00	47.10 2.46 0.00	75.23 3.67 0.00	55.02 2.66 0.00	44.85 2.16 0.00	43.32 2.04 0.00	34.99 1.53 0.00
MENANDS__115KV_TB5 355628	67.10 2.53 0.00	34.70 1.44 0.00	35.10 1.47 0.00	35.71 1.53 0.00	38.72 1.68 0.00	42.11 1.79 0.00	33.43 1.31 0.00	35.33 1.39 0.00	37.05 1.51 0.00	33.17 1.40 0.00	31.75 1.36 0.00	30.49 1.39 -0.11	30.91 1.38 0.00	29.87 1.38 0.00	32.98 1.40 0.00	35.76 1.48 0.00	41.69 1.80 0.00	43.41 1.82 0.00	46.56 1.92 0.00	74.40 2.84 0.00	54.42 2.06 0.00	44.40 1.71 0.00	42.83 1.54 0.00	34.75 1.29 0.00

MG INDUSTRY___DRP 24185	66.83 2.26 0.00	34.53 1.27 0.00	34.96 1.32 0.00	35.56 1.38 0.00	38.54 1.52 0.00	41.92 1.59 0.00	33.31 1.19 0.00	35.20 1.26 0.00	36.87 1.33 0.00	32.97 1.20 0.00	31.56 1.17 0.00	30.26 1.16 -0.11	30.67 1.14 0.00	29.63 1.14 0.00	32.76 1.18 0.00	35.55 1.27 0.00	41.48 1.59 0.00	43.24 1.65 0.00	46.39 1.75 0.00	74.16 2.60 0.00	54.25 1.88 0.00	44.24 1.55 0.00	42.71 1.42 0.00	34.62 1.16 0.00
MID___OSWEGATCHIE_HYD 23849	63.90 -0.67 0.00	32.89 -0.37 0.00	33.20 -0.43 0.00	33.88 -0.30 0.00	36.63 -0.40 0.00	39.90 -0.42 0.00	31.73 -0.40 0.00	33.57 -0.37 0.00	34.90 -0.64 0.00	30.92 -0.85 0.00	29.70 -0.69 0.00	27.95 -1.05 0.00	28.37 -1.16 0.00	27.45 -1.03 0.00	30.72 -0.86 0.00	33.44 -0.84 0.00	39.17 -0.72 0.00	40.85 -0.74 0.00	43.91 -0.73 0.00	70.02 -1.55 0.00	51.11 -1.25 0.00	41.86 -0.83 0.00	40.91 -0.38 0.00	32.96 -0.50 0.00
MID___RAQUETTE_HYD 23851	65.00 0.43 0.00	33.51 0.26 0.00	33.82 0.18 0.00	34.33 0.15 0.00	37.11 0.08 0.00	40.51 0.19 0.00	32.28 0.16 0.00	34.14 0.19 0.00	35.67 0.13 0.00	31.56 -0.21 0.00	30.22 -0.17 0.00	28.54 -0.45 0.00	29.12 -0.41 0.00	28.16 -0.33 0.00	31.40 -0.19 0.00	34.13 -0.16 0.00	39.77 -0.11 0.00	41.31 -0.27 0.00	44.07 -0.58 0.00	70.49 -1.07 0.00	51.69 -0.68 0.00	42.45 -0.24 0.00	41.41 0.12 0.00	33.60 0.14 0.00
MILLIKEN___1 23584	49.39 -0.64 14.53	32.60 -0.29 0.37	30.85 -0.26 2.52	35.52 -0.26 -1.60	39.80 -0.25 -3.02	43.22 -0.25 -3.15	33.01 -0.16 -1.04	35.72 -0.18 -1.96	34.11 -0.23 1.21	32.73 -0.23 -1.19	31.85 -0.46 -1.93	30.94 -0.54 -2.48	30.84 -0.68 -2.00	28.28 -0.67 -0.47	33.45 -0.35 -2.21	36.90 -0.22 -2.84	41.92 -0.24 -2.27	42.59 -0.09 -1.10	36.50 -0.05 8.10	54.22 -0.35 16.99	40.70 -0.31 11.36	39.12 -0.27 3.30	38.07 -0.29 2.93	32.95 -0.27 0.24
MILLIKEN___2 23585	49.39 -0.64 14.53	32.60 -0.29 0.37	30.85 -0.26 2.52	35.52 -0.26 -1.60	39.80 -0.25 -3.02	43.22 -0.25 -3.15	33.01 -0.16 -1.04	35.72 -0.18 -1.96	34.11 -0.23 1.21	32.73 -0.23 -1.19	31.85 -0.46 -1.93	30.94 -0.54 -2.48	30.84 -0.68 -2.00	28.28 -0.67 -0.47	33.45 -0.35 -2.21	36.90 -0.22 -2.84	41.92 -0.24 -2.27	42.59 -0.09 -1.10	36.50 -0.05 8.10	54.22 -0.35 16.99	40.70 -0.31 11.36	39.12 -0.27 3.30	38.07 -0.29 2.93	32.95 -0.27 0.24
MILLIKEN___DIESEL 23629	49.39 -0.64 14.53	32.60 -0.29 0.37	30.85 -0.26 2.52	35.52 -0.26 -1.60	39.80 -0.25 -3.02	43.22 -0.25 -3.15	33.01 -0.16 -1.04	35.72 -0.18 -1.96	34.11 -0.23 1.21	32.73 -0.23 -1.19	31.85 -0.46 -1.93	30.94 -0.54 -2.48	30.84 -0.68 -2.00	28.28 -0.67 -0.47	33.45 -0.35 -2.21	36.90 -0.22 -2.84	41.92 -0.24 -2.27	42.59 -0.09 -1.10	36.50 -0.05 8.10	54.22 -0.35 16.99	40.70 -0.31 11.36	39.12 -0.27 3.30	38.07 -0.29 2.93	32.95 -0.27 0.24
MILLSEAT___LFGE 323607	24.46 -4.98 35.13	18.72 -2.69 11.85	16.86 -2.71 14.07	21.44 -2.74 10.00	25.00 -3.05 8.99	27.79 -3.17 9.37	21.48 -2.31 8.34	22.68 -2.58 8.68	19.80 -2.71 13.03	19.29 -2.76 9.72	20.62 -2.70 7.07	18.91 -2.77 7.32	20.84 -2.75 5.93	24.23 -2.86 1.39	22.21 -2.52 6.86	23.06 -2.79 8.44	25.78 -3.70 10.40	25.23 -3.90 12.46	19.28 -4.06 21.31	27.66 -6.75 37.15	20.01 -4.48 27.87	22.37 -3.88 16.44	27.75 -3.19 10.35	29.93 -2.67 0.86
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	67.85 3.28 0.00	35.11 1.85 0.00	35.41 1.78 0.00	36.03 1.85 0.00	39.07 2.04 0.00	42.54 2.22 0.00	33.87 1.75 0.00	35.84 1.90 0.00	37.66 2.12 0.00	33.87 2.09 0.00	33.70 2.06 -1.25	31.27 2.19 -0.09	31.70 2.17 0.00	30.61 2.12 0.00	33.74 2.15 0.00	36.57 2.29 0.00	42.56 2.67 0.00	44.31 2.73 0.00	47.68 3.03 0.00	76.09 4.53 0.00	55.67 3.31 0.00	45.39 2.70 0.00	43.71 2.42 0.00	35.33 1.87 0.00
MILLWOOD_13_KV_LOAD 356217	67.99 3.42 0.00	35.17 1.92 0.00	35.48 1.85 0.00	36.10 1.92 0.00	39.15 2.12 0.00	42.62 2.30 0.00	33.94 1.82 0.00	35.92 1.98 0.00	37.74 2.19 0.00	33.94 2.17 0.00	33.77 2.13 -1.25	31.35 2.26 -0.09	31.77 2.24 0.00	30.67 2.19 0.00	33.80 2.22 0.00	36.65 2.37 0.00	42.65 2.77 0.00	44.42 2.84 0.00	47.79 3.14 0.00	76.28 4.71 0.00	55.80 3.44 0.00	45.48 2.79 0.00	43.80 2.51 0.00	35.40 1.94 0.00
MODEL_CITY_ENERGY 24167	17.80 -7.06 39.71	15.16 -3.74 14.36	13.25 -3.75 16.63	17.88 -3.80 12.51	21.25 -4.22 11.56	23.83 -4.45 12.04	18.42 -3.35 10.36	19.26 -3.71 10.97	16.01 -3.92 15.61	16.25 -3.45 12.08	18.09 -3.30 9.00	16.28 -3.30 9.41	18.52 -3.38 7.63	22.99 -3.71 1.79	19.37 -3.44 8.77	19.57 -3.86 10.85	21.56 -5.20 13.12	20.62 -5.58 15.38	14.46 -5.88 24.30	20.14 -9.71 41.71	14.47 -6.37 31.52	17.97 -5.40 19.32	24.78 -4.50 12.01	28.72 -3.74 1.00
MODERN_LFGE___ 323580	17.80 -7.06 39.71	15.16 -3.74 14.36	13.25 -3.75 16.63	17.88 -3.80 12.51	21.25 -4.22 11.56	23.83 -4.45 12.04	18.42 -3.35 10.36	19.26 -3.71 10.97	16.01 -3.92 15.61	16.25 -3.45 12.08	18.09 -3.30 9.00	16.28 -3.30 9.41	18.52 -3.38 7.63	22.99 -3.71 1.79	19.37 -3.44 8.77	19.57 -3.86 10.85	21.56 -5.20 13.12	20.62 -5.58 15.38	14.46 -5.88 24.30	20.14 -9.71 41.71	14.47 -6.37 31.52	17.97 -5.40 19.32	24.78 -4.50 12.01	28.72 -3.74 1.00
MOHAWK_PAPER___DRP 24187	67.17 2.60 0.00	34.73 1.47 0.00	35.13 1.50 0.00	35.74 1.55 0.00	38.75 1.72 0.00	42.14 1.81 0.00	33.47 1.34 0.00	35.38 1.44 0.00	37.11 1.56 0.00	33.20 1.43 0.00	31.77 1.38 0.00	30.50 1.40 -0.11	30.90 1.37 0.00	29.86 1.37 0.00	32.97 1.38 0.00	35.78 1.50 0.00	41.74 1.85 0.00	43.49 1.90 0.00	46.65 2.01 0.00	74.54 2.98 0.00	54.52 2.16 0.00	44.47 1.78 0.00	42.91 1.62 0.00	34.78 1.32 0.00
MOHICAN_35_KV_115KV_LD 80490	67.93 3.36 0.00	35.06 1.80 0.00	35.45 1.82 0.00	36.09 1.91 0.00	39.18 2.15 0.00	42.63 2.31 0.00	33.84 1.72 0.00	35.88 1.94 0.00	37.64 2.10 0.00	33.66 1.88 0.00	32.14 1.75 0.00	30.74 1.63 -0.11	30.90 1.37 0.00	29.73 1.25 0.00	32.93 1.34 0.00	35.83 1.55 0.00	41.99 2.10 0.00	43.97 2.38 0.00	47.29 2.64 0.00	75.52 3.96 0.00	55.06 2.69 0.00	44.88 2.19 0.00	43.24 1.96 0.00	35.00 1.54 0.00
MONGAUP___HYD 23641	67.80 3.23 0.00	35.02 1.76 0.00	35.35 1.72 0.00	35.96 1.77 0.00	38.98 1.95 0.00	42.44 2.11 0.00	33.84 1.72 0.00	35.79 1.85 0.00	37.53 1.99 0.00	33.65 1.88 0.00	31.26 1.79 0.91	30.91 1.83 -0.08	31.31 1.78 0.00	30.22 1.73 0.00	33.37 1.79 0.00	36.23 1.95 0.00	42.31 2.42 0.00	44.20 2.62 0.00	47.60 2.95 0.00	76.00 4.44 0.00	55.58 3.21 0.00	45.27 2.58 0.00	43.58 2.30 0.00	35.23 1.77 0.00
MONTAUK___DIESEL 23721	70.76 6.19 0.00	36.93 3.67 0.00	37.30 3.66 0.00	37.86 3.68 0.00	41.13 4.10 0.00	44.91 4.59 0.00	35.50 3.38 0.00	37.27 3.33 0.00	38.50 2.96 0.00	34.94 3.17 0.00	34.60 3.02 -1.20	31.98 2.89 -0.09	32.07 2.54 0.00	30.91 2.43 0.00	34.02 2.43 0.00	36.52 2.24 0.00	42.82 2.93 0.00	44.49 2.91 0.00	47.89 3.25 0.00	75.08 3.52 0.00	55.10 2.74 0.00	45.03 2.34 0.00	43.52 2.23 0.00	35.06 1.60 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	9.29 -7.87 47.41	13.82 -4.29 15.14	11.49 -4.10 18.04	18.11 -3.82 12.26	21.80 -4.41 10.81	24.68 -4.04 11.60	18.17 -3.26 10.69	19.27 -3.75 10.92	14.39 -4.34 16.81	15.53 -3.93 12.31	17.90 -3.62 8.87	16.40 -3.45 9.15	18.58 -3.53 7.42	12.46 -3.60 12.43	19.59 -3.48 8.52	19.91 -3.83 10.55	21.84 -4.88 13.17	21.06 -4.47 16.05	11.63 -5.23 27.78	13.30 -8.61 49.66	7.76 -5.98 38.62	13.83 -5.52 23.34	23.13 -4.71 13.45	28.61 -3.73 1.11
MORRIS RIDGE___SOLAR 323848	-30.63 -6.75 88.44	-31.80 -3.58 61.49	-31.49 -3.64 61.48	-31.87 -3.61 62.45	-31.58 -3.78 64.84	-31.21 -3.98 67.55	-19.77 -3.18 48.71	-26.72 -3.36 57.30	-29.92 -3.66 61.80	-30.17 -3.29 58.65	-21.47 -3.34 48.52	-27.07 -3.19 52.87	-16.55 -3.29 42.79	15.23 -3.24 10.01	-19.67 -3.02 48.24	-29.90 -3.32 60.86	-31.47 -4.04 67.31	-32.10 -4.01 69.67	-29.41 -4.61 69.45	-28.14 -7.37 92.33	-28.52 -5.44 75.44	-29.67 -4.59 67.77	-1.86 -4.32 38.82	26.71 -3.48 3.27
MORTIMER_115KV_TB3 55949	39.66 -3.38 21.52	28.05 -1.83 3.38	26.14 -1.85 5.64	30.92 -1.90 1.37	34.94 -2.09 0.00	38.14 -2.18 0.00	29.08 -1.59 1.46	31.44 -1.75 0.75	29.29 -1.84 4.41	28.37 -1.79 1.61	28.26 -1.78 0.35	27.23 -1.78 -0.01	27.78 -1.75 0.00	26.83 -1.66 0.00	29.91 -1.67 0.00	32.61 -1.68 0.00	36.75 -2.14 1.00	36.78 -2.24 2.57	30.41 -2.38 11.86	43.95 -4.01 23.60	32.72 -2.91 16.73	33.22 -2.49 6.99	34.08 -2.21 5.00	31.28 -1.77 0.41
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	68.34 3.77 0.00	35.36 2.10 0.00	35.68 2.04 0.00	36.32 2.14 0.00	39.38 2.35 0.00	42.87 2.55 0.00	34.15 2.03 0.00	36.15 2.21 0.00	38.01 2.46 0.00	34.20 2.43 0.00	33.99 2.40 -1.20	31.61 2.53 -0.09	32.04 2.51 0.00	30.93 2.45 0.00	34.07 2.48 0.00	36.94 2.65 0.00	42.97 3.08 0.00	44.71 3.12 0.00	48.09 3.44 0.00	76.74 5.18 0.00	56.19 3.82 0.00	45.80 3.11 0.00	44.10 2.81 0.00	35.64 2.18 0.00
MUNSVILLE_WIND_PWR 323609	72.13 -0.69 -8.24	35.62 -0.32 -2.68	36.48 -0.39 -3.24	36.05 -0.35 -2.22	38.66 -0.33 -1.96	42.04 -0.32 -2.04	33.82 -0.16 -1.85	35.93 0.07 -1.91	38.48 -0.03 -2.97	34.20 0.26 -2.17	31.85 -0.08 -1.55	30.01 -0.61 -1.63	29.93 -0.90 -1.29	27.86 -0.92 -0.30	32.34 -0.67 -1.42	35.76 -0.36 -1.83	41.69 -0.49 -2.29	44.25 -0.11 -2.78	49.98 0.33 -5.00	80.59 0.25 -8.77	59.01 0.08 -6.56	46.65 0.17 -3.79	43.87 0.18 -2.40	33.77 0.11 -0.20
N SALMON___HYD 24042	65.52 0.95 0.00	33.83 0.57 0.00	34.05 0.42 0.00	34.42 0.24 0.00	37.12 0.08 0.00	40.66 0.34 0.00	32.24 0.12 0.00	34.12 0.18 0.00	35.76 0.22 0.00	31.74 -0.04 0.00	30.36 -0.03 0.00	28.72 -0.28 0.00	29.34 -0.19 0.00	28.27 -0.21 0.00	31.50 -0.09 0.00	34.23 -0.06 0.00	39.80 -0.09 0.00	41.47 -0.12 0.00	44.25 -0.40 0.00	70.74 -0.83 0.00	51.93 -0.43 0.00	42.44 -0.25 0.00	41.23 -0.06 0.00	33.49 0.03 0.00
N.AKRON___115KV_KNAPP 355671	22.90 -5.28 36.39	17.72 -2.95 12.58	15.85 -2.97 14.81	20.42 -3.02 10.74	23.94 -3.34 9.75	26.68 -3.49 10.16	20.63 -2.56 8.93	21.72 -2.87 9.35	18.75 -3.02 13.78	18.43 -2.93 10.41	19.92 -2.83 7.64	18.15 -2.91 7.94	20.20 -2.90 6.44	23.96 -3.02 1.51	21.36 -2.81 7.42	22.04 -3.09 9.15	24.58 -4.11 11.20	23.94 -4.33 13.31	18.06 -4.43 22.16	25.82 -7.34 38.40	18.56 -4.91 28.89	21.24 -4.17 17.27	27.00 -3.47 10.82	29.69 -2.87 0.90
N.E._GEN_SANDY PD 24062	77.08 2.86 -9.65	42.40 1.59 -7.54	45.72 1.61 -10.47	50.27 1.67 -14.41	46.28 1.86 -7.39	50.26 1.96 -7.97	40.20 1.47 -6.61	45.15 1.57 -9.65	49.23 1.72 -11.97	53.35 1.63 -19.95	39.95 1.60 -7.96	40.24 1.63 -9.61	45.31 1.65 -14.14	37.32 1.63 -7.21	33.70 1.62 -0.50	35.96 1.67 0.00	41.90 2.02 0.00	43.60 2.02 0.00	45.54 2.12 1.23	74.70 3.14 0.00	54.64 2.28 0.00	47.02 1.91 -2.42	45.11 1.73 -2.10	34.87 1.41 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	67.69 3.12 0.00	35.01 1.75 0.00	35.33 1.70 0.00	35.95 1.77 0.00	38.98 1.94 0.00	42.43 2.10 0.00	33.79 1.67 0.00	35.75 1.81 0.00	37.56 2.02 0.00	33.75 1.98 -1.33	33.67 1.95 -0.09	31.17 2.09 0.00	31.60 2.07 0.00	30.51 2.02 0.00	33.63 2.04 0.00	36.48 2.20 0.00	42.45 2.56 0.00	44.23 2.65 0.00	47.58 2.94 0.00	75.94 4.38 0.00	55.55 3.19 0.00	45.27 2.58 0.00	43.59 2.30 0.00	35.23 1.77 0.00
N.QUEENS_27_KV_LOAD 356247	68.55 3.99 0.00	35.55 2.29 0.00	35.74 2.11 0.00	36.31 2.13 0.00	39.41 2.38 0.00	42.87 2.54 0.00	34.19 2.07 0.00	36.19 2.25 0.00	38.08 2.54 0.00	34.25 2.48 0.00	34.09 2.50 -1.20	31.73 2.64 -0.09	32.11 2.58 0.00	31.05 2.56 0.00	34.10 2.51 0.00	37.00 2.72 0.00	43.01 3.12 0.00	44.69 3.11 0.00	48.06 3.41 0.00	76.78 5.21 0.00	56.26 3.89 0.00	45.86 3.17 0.00	44.17 2.88 0.00	35.72 2.26 0.00
N.TROY___115KV_TB1 355778	67.16 2.59 0.00	34.69 1.43 0.00	35.07 1.43 0.00	35.67 1.49 0.00	38.68 1.65 0.00	42.07 1.75 0.00	33.41 1.29 0.00	35.33 1.39 0.00	37.06 1.51 0.00	33.16 1.39 0.00	31.72 1.33 -0.11	30.43 1.32 0.00	30.82 1.29 0.00	29.73 1.24 0.00	32.84 1.25 0.00	35.64 1.35 0.00	41.60 1.71 0.00	43.36 1.77 0.00	46.50 1.85 0.00	74.30 2.74 0.00	54.33 1.97 0.00	44.32 1.63 0.00	42.76 1.47 0.00	34.66 1.20 0.00
NARROWS_GT1_1 24228	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT1_2 24229	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT1_3 24230	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT1_4 24231	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00

NARROWS_GT1_5 24232	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT1_6 24233	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT1_7 24234	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT1_8 24235	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT2_1 24236	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT2_2 24237	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT2_3 24238	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT2_4 24239	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT2_5 24240	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT2_6 24241	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT2_7 24242	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NARROWS_GT2_8 24243	68.45 3.88 0.00	35.40 2.15 0.00	35.71 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	68.52 3.95 0.00	35.39 2.13 0.00	35.80 2.16 0.00	36.42 2.24 0.00	39.48 2.44 0.00	42.99 2.67 0.00	34.19 2.06 0.00	36.16 2.22 0.00	37.89 2.35 0.00	33.77 2.00 0.00	32.36 1.97 0.00	30.97 1.87 -0.10	31.24 1.71 0.00	30.18 1.69 0.00	33.35 1.76 0.00	36.23 1.95 0.00	42.52 2.64 0.00	44.51 2.92 0.00	47.82 3.18 0.00	76.39 4.83 0.00	55.82 3.45 0.00	45.43 2.74 0.00	43.78 2.50 0.00	35.44 1.98 0.00
NCHELSEA_115KV_TR2 355582	68.16 3.59 0.00	35.26 2.00 0.00	35.59 1.95 0.00	36.21 2.02 0.00	39.26 2.23 0.00	42.73 2.41 0.00	34.04 1.92 0.00	36.01 2.07 0.00	37.84 2.30 0.00	34.01 2.24 0.00	32.56 2.17 0.00	31.35 2.27 -0.09	31.77 2.25 0.00	30.69 2.21 0.00	33.85 2.27 0.00	36.70 2.42 0.00	42.75 2.86 0.00	44.54 2.96 0.00	47.91 3.26 0.00	76.49 4.93 0.00	55.91 3.54 0.00	45.54 2.85 0.00	43.88 2.59 0.00	35.47 2.01 0.00
NEG CAPITAL__MECHNVIL 23645	67.80 3.23 0.00	34.99 1.73 0.00	35.39 1.75 0.00	35.99 1.81 0.00	39.04 2.01 0.00	42.48 2.16 0.00	33.76 1.64 0.00	35.73 1.79 0.00	37.47 1.93 0.00	33.50 1.73 0.00	32.03 1.64 0.00	30.69 1.59 -0.11	30.99 1.46 0.00	29.88 1.39 0.00	33.03 1.45 0.00	35.93 1.65 0.00	42.05 2.15 0.00	43.90 2.32 0.00	47.14 2.50 0.00	75.30 3.73 0.00	54.99 2.63 0.00	44.85 2.16 0.00	43.25 1.96 0.00	35.01 1.55 0.00

NEG CENTRAL_HIGH_ACRES 23767	41.94 -4.09 18.53	28.18 -2.14 2.94	26.57 -2.16 4.91	30.80 -2.20 1.19	34.62 -2.41 0.00	37.79 -2.54 0.00	28.96 -1.91 1.25	31.23 -2.06 0.65	29.56 -2.16 3.83	28.36 -2.01 1.40	28.00 -2.09 0.30	26.95 -2.06 -0.01	27.46 -2.07 0.00	26.54 -1.95 0.00	29.69 -1.89 0.00	32.28 -2.00 0.00	36.57 -2.46 0.86	36.83 -2.55 2.20	31.58 -2.75 10.32	46.54 -4.61 20.41	34.57 -3.34 14.45	33.76 -2.86 6.06	34.31 -2.62 4.35	30.99 -2.11 0.36
NEG CENTRAL___DRP 24199	41.89 -2.34 20.33	31.68 -1.15 0.43	29.14 -1.15 3.34	35.23 -1.17 -2.22	39.88 -1.28 -4.13	43.28 -1.36 -4.31	32.54 -0.96 -1.38	35.54 -1.10 -2.69	32.76 -1.16 1.63	32.38 -1.06 -1.66	31.80 -1.24 -2.65	31.16 -1.22 -3.39	31.00 -1.27 -2.73	27.97 -1.16 -0.64	33.69 -0.93 -3.03	37.14 -1.03 -3.88	41.71 -1.27 -3.09	41.79 -1.22 -1.42	32.50 -1.29 10.85	46.01 -2.19 23.37	35.08 -1.56 15.72	36.86 -1.35 4.48	36.02 -1.34 3.93	32.07 -1.07 0.32
NEG CENTRAL___INDECK 23768	37.45 -3.02 24.10	59.40 -1.70 -27.84	49.90 -1.75 -18.02	69.67 -1.75 -37.24	80.06 -1.81 -44.83	85.24 -1.81 -46.73	58.85 -1.34 -28.07	68.94 -1.39 -36.39	58.06 -1.60 -24.12	63.36 -1.97 -33.55	60.31 -2.12 -32.05	63.53 -2.07 -36.60	57.03 -2.10 -29.61	33.51 -1.90 -6.92	62.92 -1.77 -33.10	74.81 -1.58 -42.10	80.86 -1.63 -42.61	78.48 -1.47 -38.37	39.23 -1.88 3.53	35.21 -3.07 33.28	34.39 -2.27 15.71	58.09 -2.05 -17.44	44.66 -1.91 -5.28	32.27 -1.66 -0.47
NEG CENTRAL___SENECA 23627	32.36 -2.92 29.28	31.61 -1.46 0.18	27.68 -1.47 4.48	36.41 -1.51 -3.74	41.93 -1.68 -6.58	45.42 -1.77 -6.86	33.29 -1.24 -2.40	36.94 -1.39 -4.40	32.11 -1.50 1.94	33.32 -1.34 -2.88	33.07 -1.58 -4.26	32.85 -1.53 -5.38	32.32 -1.56 -4.35	28.07 -1.43 -1.02	35.29 -1.13 -4.83	39.15 -1.32 -6.18	43.29 -1.66 -5.06	42.62 -1.59 -2.62	27.46 -1.66 15.52	35.09 -2.71 33.76	27.87 -1.88 22.61	34.90 -1.68 6.11	34.10 -1.67 5.52	31.69 -1.32 0.45
NEG CENTRAL___STATE_STREET 24147	50.54 -1.31 12.72	30.51 -0.64 2.11	29.56 -0.55 3.52	32.74 -0.59 0.86	36.46 -0.57 0.00	39.74 -0.59 0.00	30.84 -0.43 0.85	32.92 -0.55 0.47	32.29 -0.55 2.71	30.18 -0.59 1.01	29.50 -0.67 0.22	28.29 -0.72 -0.01	28.71 -0.82 0.00	27.78 -0.70 0.00	31.11 -0.48 0.00	33.83 -0.45 0.00	38.79 -0.51 0.59	39.63 -0.47 1.49	36.69 -0.54 7.41	56.06 -1.23 14.27	41.40 -0.93 10.03	37.72 -0.69 4.29	37.50 -0.67 3.11	32.67 -0.54 0.26
NEG MILLWOOD___DRP 24198	68.52 3.95 0.00	35.43 2.17 0.00	35.75 2.12 0.00	36.37 2.18 0.00	39.43 2.40 0.00	42.93 2.61 0.00	34.21 2.09 0.00	36.20 2.26 0.00	38.05 2.51 0.00	34.23 2.45 0.00	33.14 2.39 -0.36	31.57 2.48 -0.09	32.00 2.47 0.00	30.90 2.41 0.00	34.07 2.48 0.00	36.92 2.64 0.00	42.99 3.10 0.00	44.79 3.21 0.00	48.17 3.53 0.00	76.88 5.31 0.00	56.21 3.85 0.00	45.79 3.10 0.00	44.10 2.81 0.00	35.64 2.18 0.00
NEG NORTH_FLCN_SEA 23793	65.25 0.68 0.00	33.66 0.40 0.00	33.87 0.24 0.00	34.21 0.03 0.00	36.88 -0.15 0.00	40.40 0.08 0.00	31.98 -0.14 0.00	33.86 -0.08 0.00	35.48 -0.06 0.00	31.59 -0.18 0.00	30.25 -0.14 0.00	28.70 -0.30 0.00	29.39 -0.14 0.00	28.24 -0.24 0.00	31.37 -0.22 0.00	34.09 -0.19 0.00	39.56 -0.33 0.00	41.31 -0.28 0.00	44.09 -0.56 0.00	70.47 -1.09 0.00	51.73 -0.64 0.00	42.25 -0.44 0.00	41.02 -0.27 0.00	33.35 -0.11 0.00
NEG NORTH_KES_CHATAGAY 23792	64.69 0.12 0.00	33.32 0.06 0.00	33.56 -0.08 0.00	33.88 -0.30 0.00	36.48 -0.55 0.00	40.02 -0.30 0.00	31.63 -0.49 0.00	33.48 -0.46 0.00	35.09 -0.46 0.00	31.20 -0.57 0.00	29.91 -0.48 0.00	28.38 -0.62 0.00	29.09 -0.44 0.00	27.99 -0.50 0.00	31.11 -0.47 0.00	33.75 -0.54 0.00	39.16 -0.73 0.00	40.82 -0.76 0.00	43.54 -1.10 0.00	69.78 -1.78 0.00	51.23 -1.13 0.00	41.83 -0.86 0.00	40.59 -0.69 0.00	33.04 -0.42 0.00
NEG NORTH___ALICE_FALLS 23915	65.42 0.85 0.00	33.78 0.52 0.00	33.97 0.34 0.00	34.32 0.14 0.00	37.00 -0.03 0.00	40.53 0.20 0.00	32.08 -0.03 0.00	33.99 0.05 0.00	35.62 0.08 0.00	31.71 -0.06 0.00	30.30 -0.08 0.00	28.74 -0.26 0.00	29.45 -0.08 0.00	28.24 -0.25 0.00	31.37 -0.21 0.00	34.12 -0.17 0.00	39.59 -0.30 0.00	41.45 -0.13 0.00	44.26 -0.39 0.00	70.74 -0.82 0.00	51.93 -0.43 0.00	42.43 -0.26 0.00	41.16 -0.13 0.00	33.45 -0.01 0.00
NEG NORTH___LWR_SARANAC 23913	65.42 0.85 0.00	33.78 0.52 0.00	33.97 0.34 0.00	34.32 0.14 0.00	37.00 -0.03 0.00	40.53 0.20 0.00	32.08 -0.03 0.00	33.99 0.05 0.00	35.62 0.08 0.00	31.71 -0.06 0.00	30.30 -0.08 0.00	28.74 -0.26 0.00	29.45 -0.08 0.00	28.24 -0.25 0.00	31.37 -0.21 0.00	34.12 -0.17 0.00	39.59 -0.30 0.00	41.45 -0.13 0.00	44.26 -0.39 0.00	70.74 -0.82 0.00	51.93 -0.43 0.00	42.43 -0.26 0.00	41.16 -0.13 0.00	33.45 -0.01 0.00
NEG NORTH___PLATTSBURG 23628	65.43 0.86 0.00	33.78 0.52 0.00	33.97 0.34 0.00	34.32 0.14 0.00	37.00 -0.03 0.00	40.53 0.20 0.00	32.08 -0.03 0.00	33.99 0.05 0.00	35.62 0.08 0.00	31.71 -0.06 0.00	30.30 -0.08 0.00	28.74 -0.26 0.00	29.45 -0.08 0.00	28.24 -0.25 0.00	31.37 -0.21 0.00	34.12 -0.16 0.00	39.59 -0.29 0.00	41.45 -0.13 0.00	44.26 -0.39 0.00	70.75 -0.81 0.00	51.94 -0.43 0.00	42.43 -0.26 0.00	41.17 -0.12 0.00	33.45 -0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	18.74 -6.55 39.27	15.20 -3.59 14.46	13.34 -3.62 16.68	17.86 -3.67 12.66	21.22 -4.06 11.75	23.81 -4.27 12.24	18.48 -3.20 10.45	19.27 -3.56 11.12	16.10 -3.77 15.68	16.20 -3.36 12.21	18.04 -3.21 9.13	16.18 -3.25 9.57	18.51 -3.27 7.76	23.23 -3.44 1.82	19.33 -3.35 8.91	19.55 -3.71 11.03	21.71 -4.89 13.29	20.86 -5.23 15.49	14.97 -5.44 24.24	21.34 -8.92 41.31	15.03 -6.04 31.29	18.26 -5.07 19.36	25.02 -4.27 12.00	29.01 -3.46 1.00
NEG WEST___LANCASTER 23811	13.32 -4.38 46.87	15.41 -2.47 15.38	13.04 -2.46 18.14	18.65 -2.47 13.06	22.45 -2.77 11.81	25.11 -2.88 12.33	18.94 -2.11 11.07	20.27 -2.29 11.38	16.03 -2.51 17.00	16.96 -2.12 12.69	19.07 -2.03 9.29	17.30 -2.06 9.64	19.66 -2.05 7.82	24.52 -2.13 1.83	20.65 -1.98 8.96	20.94 -2.23 11.11	23.05 -3.10 13.74	21.73 -3.28 16.57	13.99 -3.42 27.24	17.55 -5.34 48.67	12.09 -3.45 36.82	18.30 -2.94 21.44	25.55 -2.41 13.33	30.41 -1.94 1.10
NEG_PENN_ALLEGHNY 23528	108.94 -1.24 -45.61	40.17 -0.54 -7.45	45.54 -0.53 -12.43	36.70 -0.50 -3.02	36.53 -0.51 0.00	39.78 -0.54 0.00	34.75 -0.43 -3.06	35.14 -0.45 -1.65	44.62 -0.54 -9.61	34.93 -0.40 -3.56	30.72 -0.44 -0.77	28.60 -0.43 -0.03	29.04 -0.49 0.00	28.03 -0.46 0.00	31.22 -0.36 0.00	33.94 -0.34 0.00	41.49 -0.52 -2.12	46.46 -0.49 -5.36	70.29 -0.52 -26.16	121.42 -0.98 -50.84	87.44 -0.75 -35.83	57.27 -0.63 -15.20	51.67 -0.61 -11.00	33.89 -0.49 -0.91
NEG___GEN_MONROE 24207	39.27 -3.27 22.03	28.00 -1.80 3.45	26.06 -1.82 5.76	30.92 -1.87 1.40	34.97 -2.06 0.00	38.20 -2.13 0.00	29.10 -1.53 1.50	31.48 -1.69 0.76	29.25 -1.79 4.51	28.25 -1.88 1.65	28.15 -1.89 0.36	27.10 -1.91 -0.01	27.66 -1.88 0.00	26.73 -1.76 0.00	28.87 -1.71 1.00	32.53 -1.75 0.00	36.66 -2.20 1.03	36.66 -2.29 2.63	30.14 -2.39 12.11	43.40 -4.02 24.14	32.39 -2.86 17.11	33.08 -2.47 7.14	34.03 -2.14 5.11	31.29 -1.75 0.42

NEPA__ENERGY 23901	9.89 -6.40 48.27	13.26 -3.27 16.72	10.92 -3.24 19.47	16.41 -3.13 14.64	20.12 -3.41 13.51	22.88 -3.50 13.95	17.17 -2.79 12.15	18.15 -3.09 12.70	13.77 -3.46 18.32	14.76 -3.00 14.02	17.21 -2.77 10.41	15.47 -2.65 10.88	18.05 -2.67 8.81	22.88 -2.63 2.98	18.91 -2.60 10.08	18.88 -2.87 12.53	20.70 -3.92 15.27	19.43 -4.04 18.11	11.71 -4.37 28.56	14.09 -7.31 50.16	8.97 -5.18 38.22	15.39 -4.30 23.00	23.33 -3.85 14.11	29.27 -3.02 1.17
NEVERSINK__HYD 23608	67.83 3.26 0.00	35.02 1.76 0.00	35.36 1.72 0.00	35.97 1.79 0.00	39.00 1.97 0.00	42.46 2.14 0.00	33.85 1.73 0.00	35.81 1.87 0.00	37.60 2.05 0.00	33.76 1.99 0.00	32.05 1.93 0.26	31.02 1.95 -0.08	31.45 1.92 0.00	30.33 1.84 0.00	33.49 1.90 0.00	36.37 2.09 0.00	42.40 2.51 0.00	44.26 2.68 0.00	47.65 3.00 0.00	76.13 4.57 0.00	55.62 3.26 0.00	45.28 2.59 0.00	43.61 2.33 0.00	35.26 1.79 0.00
NEWKRMKL_115KV_TB1 55635	67.21 2.64 0.00	34.74 1.48 0.00	35.15 1.52 0.00	35.76 1.58 0.00	38.76 1.74 0.00	42.16 1.84 0.00	33.49 1.37 0.00	35.40 1.46 0.00	37.12 1.58 0.00	33.23 1.46 0.00	31.80 1.41 0.00	30.53 1.43 -0.11	30.94 1.41 0.00	29.89 1.41 0.00	33.02 1.44 0.00	35.83 1.55 0.00	41.77 1.88 0.00	43.51 1.92 0.00	46.69 2.05 0.00	74.59 3.03 0.00	54.56 2.20 0.00	44.49 1.80 0.00	42.94 1.65 0.00	34.81 1.35 0.00
NEWTON__FALLS_HYD 23847	63.90 -0.67 0.00	32.89 -0.37 0.00	33.20 -0.43 0.00	33.88 -0.30 0.00	36.63 -0.40 0.00	39.90 -0.42 0.00	31.73 -0.40 0.00	33.57 -0.37 0.00	34.90 -0.64 0.00	30.92 -0.85 0.00	29.70 -0.69 0.00	27.95 -1.05 0.00	28.37 -1.16 0.00	27.45 -1.03 0.00	30.72 -0.86 0.00	33.44 -0.84 0.00	39.17 -0.72 0.00	40.85 -0.74 0.00	43.91 -0.73 0.00	70.02 -1.55 0.00	51.11 -1.25 0.00	41.86 -0.83 0.00	40.91 -0.38 0.00	32.96 -0.50 0.00
NGRID_A1_DSASP 323792	16.32 -7.47 40.78	14.26 -4.05 14.95	12.34 -4.07 17.22	16.94 -4.14 13.11	20.26 -4.58 12.19	22.77 -4.86 12.69	17.62 -3.66 10.84	18.35 -4.07 11.52	15.02 -4.30 16.22	15.40 -3.73 12.64	17.36 -3.56 9.47	15.51 -3.56 9.92	17.89 -3.60 8.04	22.97 -3.63 1.88	18.58 -3.77 9.24	18.73 -4.12 11.43	20.81 -5.30 13.78	19.82 -5.68 16.08	13.62 -6.04 24.98	19.04 -9.77 42.75	13.06 -6.81 32.49	16.94 -5.69 20.06	24.06 -4.84 12.39	28.67 -3.76 1.03
NGRID_A2_DSASP 323793	16.32 -7.47 40.78	14.26 -4.05 14.95	12.34 -4.07 17.22	16.94 -4.14 13.11	20.26 -4.58 12.19	22.77 -4.86 12.69	17.62 -3.66 10.84	18.35 -4.07 11.52	15.02 -4.30 16.22	15.40 -3.73 12.64	17.36 -3.56 9.47	15.51 -3.56 9.92	17.89 -3.60 8.04	22.97 -3.63 1.88	18.58 -3.77 9.24	18.73 -4.12 11.43	20.81 -5.30 13.78	19.82 -5.68 16.08	13.62 -6.04 24.98	19.04 -9.77 42.75	13.06 -6.81 32.49	16.94 -5.69 20.06	24.06 -4.84 12.39	28.67 -3.76 1.03
NGRID_A4_DSASP 323807	16.32 -7.47 40.78	14.26 -4.05 14.95	12.34 -4.07 17.22	16.94 -4.14 13.11	20.26 -4.58 12.19	22.77 -4.86 12.69	17.62 -3.66 10.84	18.35 -4.07 11.52	15.02 -4.30 16.22	15.40 -3.73 12.64	17.36 -3.56 9.47	15.51 -3.56 9.92	17.89 -3.60 8.04	22.97 -3.63 1.88	18.58 -3.77 9.24	18.73 -4.12 11.43	20.81 -5.30 13.78	19.82 -5.68 16.08	13.62 -6.04 24.98	19.04 -9.77 42.75	13.06 -6.81 32.49	16.94 -5.69 20.06	24.06 -4.84 12.39	28.67 -3.76 1.03
NIAGARA_115E_LBMP 323715	16.82 -7.36 40.39	14.69 -3.89 14.68	12.77 -3.90 16.96	17.41 -3.95 12.82	20.76 -4.39 11.88	23.31 -4.64 12.37	18.02 -3.49 10.61	18.81 -3.88 11.25	15.50 -4.09 15.95	15.84 -3.56 12.37	17.75 -3.40 9.24	15.92 -3.40 9.67	18.21 -3.48 7.84	22.77 -3.88 1.84	19.00 -3.59 9.01	19.09 -4.04 11.15	20.98 -5.44 13.46	19.96 -5.87 15.75	13.77 -6.16 24.72	18.99 -10.19 42.39	13.67 -6.65 32.05	17.37 -5.62 19.70	24.38 -4.68 12.23	28.53 -3.92 1.02
NIAGARA_115W_LBMP 323714	16.22 -7.65 40.70	14.31 -4.04 14.91	12.40 -4.05 17.18	17.00 -4.11 13.07	20.31 -4.57 12.15	22.83 -4.84 12.66	17.67 -3.64 10.81	18.40 -4.05 11.48	15.08 -4.28 16.18	15.48 -3.68 12.61	17.43 -3.52 9.44	15.61 -3.50 9.89	17.95 -3.56 8.02	22.96 -3.65 1.88	18.69 -3.69 9.21	18.83 -4.05 11.40	20.90 -5.25 13.74	19.91 -5.64 16.04	13.62 -6.10 24.93	19.02 -9.87 42.67	13.07 -6.86 32.43	16.91 -5.76 20.01	24.08 -4.85 12.36	28.64 -3.79 1.03
NIAGARA_230_LBMP 323716	17.26 -7.31 40.00	14.83 -3.85 14.57	12.96 -3.85 16.82	17.52 -3.91 12.75	20.85 -4.34 11.83	23.41 -4.60 12.32	18.12 -3.45 10.55	18.91 -3.84 11.19	15.64 -4.08 15.83	15.96 -3.51 12.30	17.83 -3.36 9.19	16.04 -3.33 9.63	18.34 -3.39 7.81	23.17 -3.49 1.83	19.11 -3.50 8.98	19.33 -3.85 11.10	21.46 -5.04 13.39	20.52 -5.40 15.66	14.35 -5.83 24.46	20.15 -9.48 41.94	13.94 -6.55 31.88	17.58 -5.50 19.61	24.54 -4.63 12.11	28.82 -3.63 1.01
NIAGARA__115KV_198_GIBSON 55903	16.35 -7.52 40.70	14.26 -4.08 14.91	12.36 -4.10 17.18	16.94 -4.17 13.07	20.26 -4.62 12.15	22.77 -4.90 12.66	17.62 -3.68 10.81	18.36 -4.10 11.48	15.04 -4.33 16.18	15.41 -3.76 12.61	17.36 -3.59 9.44	15.51 -3.59 9.89	17.89 -3.62 8.02	22.95 -3.66 1.88	18.58 -3.80 9.21	18.73 -4.15 11.40	20.81 -5.34 13.74	19.82 -5.72 16.04	13.63 -6.09 24.93	19.04 -9.86 42.67	13.07 -6.87 32.43	16.94 -5.73 20.01	24.04 -4.89 12.36	28.63 -3.80 1.03
NIAGARA__ 23760	16.83 -7.31 40.42	14.65 -3.85 14.76	12.74 -3.85 17.04	17.38 -3.91 12.89	20.73 -4.34 11.95	23.27 -4.60 12.45	18.04 -3.45 10.63	18.86 -3.84 11.24	15.58 -4.08 15.89	15.92 -3.51 12.34	17.81 -3.36 9.22	16.01 -3.33 9.66	18.31 -3.39 7.83	23.17 -3.49 1.83	19.09 -3.50 9.00	19.30 -3.85 11.13	21.42 -5.04 13.44	20.47 -5.40 15.71	14.27 -5.83 24.54	19.99 -9.48 42.09	13.86 -6.55 31.96	17.53 -5.50 19.66	24.49 -4.63 12.16	28.82 -3.63 1.01
NINE_MILE_1 23575	61.86 -2.71 0.00	31.92 -1.34 0.00	32.27 -1.36 0.00	32.80 -1.38 0.00	35.52 -1.51 0.00	38.70 -1.63 0.00	30.86 -1.26 0.00	32.59 -1.36 0.00	34.08 -1.47 0.00	30.46 -1.32 0.00	29.10 -1.29 0.00	27.74 -1.26 -0.01	28.23 -1.30 0.00	27.24 -1.25 0.00	30.28 -1.30 0.00	32.89 -1.40 0.00	38.25 -1.64 0.00	39.89 -1.69 0.00	42.83 -1.82 0.00	68.51 -3.06 0.00	50.11 -2.25 0.00	40.85 -1.85 0.00	39.52 -1.76 0.00	32.03 -1.43 0.00
NINE_MILE_2 23744	61.87 -2.70 0.00	31.92 -1.34 0.00	32.28 -1.36 0.00	32.80 -1.38 0.00	35.52 -1.51 0.00	38.70 -1.63 0.00	30.86 -1.26 0.00	32.59 -1.36 0.00	34.08 -1.46 0.00	30.46 -1.31 0.00	29.10 -1.29 0.00	27.75 -1.25 -0.01	28.23 -1.30 0.00	27.24 -1.24 0.00	30.29 -1.30 0.00	32.89 -1.40 0.00	38.25 -1.64 0.00	39.90 -1.68 0.00	42.83 -1.82 0.00	68.51 -3.05 0.00	50.12 -2.25 0.00	40.85 -1.85 0.00	39.53 -1.75 0.00	32.03 -1.43 0.00
NM_CAPITAL__DRP 24208	67.07 2.50 0.00	34.69 1.43 0.00	35.10 1.46 0.00	35.70 1.52 0.00	38.71 1.68 0.00	42.09 1.77 0.00	33.42 1.30 0.00	35.32 1.38 0.00	37.04 1.50 0.00	33.17 1.39 0.00	31.75 1.36 0.00	30.48 1.37 -0.11	30.90 1.37 0.00	29.86 1.37 0.00	32.97 1.39 0.00	35.76 1.47 0.00	41.68 1.79 0.00	43.40 1.82 0.00	46.56 1.92 0.00	74.37 2.80 0.00	54.41 2.05 0.00	44.38 1.69 0.00	42.82 1.54 0.00	34.74 1.28 0.00

NM_CENTRAL___DRP 24181	62.90 -1.66 0.00	32.43 -0.83 0.00	32.80 -0.84 0.00	33.32 -0.86 0.00	36.11 -0.92 0.00	39.33 -0.99 0.00	31.38 -0.75 0.00	33.14 -0.80 0.00	34.65 -0.89 0.00	30.99 -0.78 0.00	29.59 -0.80 0.00	28.19 -0.82 -0.01	28.68 -0.85 0.00	27.68 -0.81 0.00	30.82 -0.76 0.00	33.49 -0.80 0.00	38.96 -0.93 0.00	40.66 -0.93 0.00	43.66 -0.99 0.00	69.81 -1.76 0.00	51.05 -1.32 0.00	41.58 -1.11 0.00	40.20 -1.09 0.00	32.57 -0.89 0.00
NM_FRONTIER___DRP 24179	16.35 -7.52 40.70	14.26 -4.08 14.91	12.36 -4.10 17.18	16.94 -4.17 13.07	20.26 -4.62 12.15	22.77 -4.90 12.66	17.62 -3.68 10.81	18.36 -4.10 11.48	15.04 -4.33 16.18	15.41 -3.76 12.61	17.36 -3.59 9.44	15.51 -3.59 9.89	17.89 -3.62 8.02	22.95 -3.66 1.88	18.58 -3.80 9.21	18.73 -4.15 11.40	20.81 -5.34 13.74	19.82 -5.72 16.04	13.63 -6.09 24.93	19.04 -9.86 42.67	13.07 -6.87 32.43	16.94 -5.73 20.01	24.04 -4.89 12.36	28.63 -3.80 1.03
NM_ST_REGIS___HYD 24053	65.19 0.62 0.00	33.62 0.36 0.00	33.90 0.26 0.00	34.37 0.19 0.00	37.13 0.10 0.00	40.58 0.25 0.00	32.28 0.16 0.00	34.15 0.20 0.00	35.70 0.16 0.00	31.61 -0.16 0.00	30.25 -0.14 0.00	28.58 -0.42 0.00	29.18 -0.35 0.00	28.19 -0.30 0.00	31.42 -0.16 0.00	34.16 -0.13 0.00	39.79 -0.10 0.00	41.37 -0.21 0.00	44.13 -0.52 0.00	70.57 -0.99 0.00	51.77 -0.60 0.00	42.46 -0.23 0.00	41.38 0.10 0.00	33.58 0.12 0.00
NORTHPORT___1 23551	68.91 4.34 0.00	35.67 2.41 0.00	35.95 2.31 0.00	36.55 2.37 0.00	39.66 2.63 0.00	43.22 2.89 0.00	34.28 2.16 0.00	36.13 2.19 0.00	38.01 2.47 0.00	34.50 2.72 0.00	34.29 2.70 -1.20	31.84 2.75 -0.09	32.18 2.65 0.00	31.07 2.58 0.00	34.10 2.51 0.00	36.74 2.46 0.00	42.78 2.90 0.00	44.56 2.98 0.00	48.00 3.35 0.00	76.10 4.54 0.00	55.84 3.48 0.00	45.82 3.13 0.00	44.24 2.95 0.00	35.70 2.24 0.00
NORTHPORT___2 23552	68.91 4.34 0.00	35.67 2.41 0.00	35.95 2.31 0.00	36.55 2.37 0.00	39.66 2.63 0.00	43.22 2.89 0.00	34.28 2.16 0.00	36.13 2.19 0.00	38.01 2.47 0.00	34.50 2.72 0.00	34.29 2.70 -1.20	31.84 2.75 -0.09	32.18 2.65 0.00	31.07 2.58 0.00	34.10 2.51 0.00	36.74 2.46 0.00	42.78 2.90 0.00	44.56 2.98 0.00	48.00 3.35 0.00	76.10 4.54 0.00	55.84 3.48 0.00	45.82 3.13 0.00	44.24 2.95 0.00	35.70 2.24 0.00
NORTHPORT___3 23553	68.89 4.32 0.00	35.65 2.39 0.00	35.93 2.30 0.00	36.54 2.36 0.00	39.65 2.62 0.00	43.21 2.89 0.00	34.28 2.16 0.00	36.15 2.21 0.00	38.02 2.48 0.00	34.49 2.72 0.00	34.28 2.69 -1.20	31.83 2.74 -0.09	32.18 2.65 0.00	31.06 2.57 0.00	34.10 2.51 0.00	36.78 2.50 0.00	42.82 2.94 0.00	44.61 3.02 0.00	48.03 3.39 0.00	76.19 4.63 0.00	55.90 3.54 0.00	45.83 3.14 0.00	44.24 2.95 0.00	35.70 2.24 0.00
NORTHPORT___4 23650	68.89 4.32 0.00	35.65 2.39 0.00	35.93 2.30 0.00	36.54 2.36 0.00	39.65 2.62 0.00	43.21 2.89 0.00	34.28 2.16 0.00	36.15 2.21 0.00	38.02 2.48 0.00	34.49 2.72 0.00	34.28 2.69 -1.20	31.83 2.74 -0.09	32.18 2.65 0.00	31.06 2.57 0.00	34.10 2.51 0.00	36.78 2.50 0.00	42.82 2.94 0.00	44.61 3.02 0.00	48.03 3.39 0.00	76.19 4.63 0.00	55.90 3.54 0.00	45.83 3.14 0.00	44.24 2.95 0.00	35.70 2.24 0.00
NORTHPORT___IC 23718	68.75 4.18 0.00	35.67 2.41 0.00	35.94 2.31 0.00	36.55 2.37 0.00	39.66 2.63 0.00	43.22 2.89 0.00	34.29 2.17 0.00	36.16 2.22 0.00	37.99 2.45 0.00	34.50 2.73 0.00	34.30 2.71 -1.20	31.84 2.75 -0.09	32.19 2.65 0.00	31.07 2.58 0.00	34.11 2.53 0.00	36.74 2.46 0.00	42.78 2.90 0.00	44.56 2.98 0.00	47.98 3.34 0.00	76.05 4.49 0.00	55.82 3.46 0.00	45.81 3.12 0.00	44.24 2.96 0.00	35.70 2.24 0.00
NORTH___COUNTRY_ESR 323785	64.57 0.00 0.00	33.25 -0.01 0.00	33.49 -0.14 0.00	33.84 -0.34 0.00	36.43 -0.60 0.00	39.94 -0.38 0.00	31.59 -0.54 0.00	33.41 -0.53 0.00	35.02 -0.53 0.00	31.16 -0.61 0.00	29.89 -0.50 0.00	28.37 -0.63 0.00	29.08 -0.45 0.00	27.98 -0.50 0.00	31.09 -0.50 0.00	33.71 -0.57 0.00	39.11 -0.78 0.00	40.74 -0.85 0.00	43.46 -1.19 0.00	69.66 -1.90 0.00	51.14 -1.23 0.00	41.74 -0.95 0.00	40.51 -0.77 0.00	32.98 -0.48 0.00
NPX_GEN_1385_PROXY 323591	68.91 4.34 0.00	35.67 2.41 0.00	35.95 2.31 0.00	36.55 2.37 0.00	39.66 2.63 0.00	43.22 2.89 0.00	34.28 2.16 0.00	36.13 2.19 0.00	38.01 2.47 0.00	34.50 2.72 0.00	34.29 2.70 -1.20	31.84 2.75 -0.09	32.18 2.65 0.00	31.07 2.58 0.00	34.10 2.51 0.00	36.74 2.46 0.00	42.78 2.90 0.00	44.56 2.98 0.00	48.00 3.35 0.00	76.10 4.54 0.00	55.84 3.48 0.00	45.82 3.13 0.00	44.24 2.95 0.00	35.70 2.24 0.00
NPX_GEN_CSC 323557	70.02 5.45 0.00	36.33 3.07 0.00	36.57 2.93 0.00	37.06 2.88 0.00	40.18 3.15 0.00	43.83 3.50 0.00	34.73 2.61 0.00	36.65 2.71 0.00	38.53 2.99 0.00	34.95 3.18 0.00	34.66 3.08 -1.20	32.15 3.06 -0.09	32.40 2.87 0.00	31.28 2.79 0.00	34.37 2.79 0.00	37.07 2.79 0.00	43.28 3.40 0.00	45.06 3.48 0.00	48.53 3.88 0.00	76.07 4.51 0.00	55.84 3.48 0.00	45.69 3.00 0.00	44.19 2.90 0.00	35.65 2.19 0.00
NSINS_S___GLNS_FALLS 23858	67.78 3.22 0.00	34.97 1.71 0.00	35.37 1.73 0.00	36.00 1.82 0.00	39.09 2.06 0.00	42.53 2.21 0.00	33.77 1.64 0.00	35.79 1.85 0.00	37.55 2.01 0.00	33.59 1.81 0.00	32.08 1.69 0.00	30.68 1.57 -0.11	30.85 1.33 0.00	29.69 1.21 0.00	32.88 1.30 0.00	35.79 1.51 0.00	41.93 2.04 0.00	43.90 2.31 0.00	47.20 2.55 0.00	75.39 3.83 0.00	54.99 2.62 0.00	44.81 2.12 0.00	43.17 1.88 0.00	34.96 1.50 0.00
NUCOR_STEEL___DRP 24197	52.87 -1.27 10.43	30.92 -0.62 1.72	30.24 -0.52 2.87	32.93 -0.56 0.70	36.52 -0.51 0.00	39.78 -0.54 0.00	31.02 -0.41 0.70	33.02 -0.53 0.38	32.82 -0.51 2.21	30.38 -0.57 0.82	29.59 -0.62 0.18	28.33 -0.67 -0.01	28.76 -0.77 0.00	27.81 -0.67 0.00	31.14 -0.45 0.00	33.86 -0.42 0.00	38.94 -0.46 0.48	39.93 -0.44 1.22	38.10 -0.50 6.05	58.66 -1.23 11.67	43.21 -0.94 8.21	38.52 -0.67 3.50	38.11 -0.63 2.54	32.74 -0.51 0.21
NUMBER_THREE_WT_PWR 323818	63.00 -1.57 0.00	32.37 -0.89 0.00	32.72 -0.92 0.00	33.66 -0.52 0.00	36.36 -0.66 0.00	39.43 -0.89 0.00	31.30 -0.82 0.00	33.13 -0.81 0.00	34.37 -1.17 0.00	30.50 -1.28 0.00	29.30 -1.09 0.00	27.54 -1.46 0.00	27.85 -1.69 0.00	26.93 -1.56 0.00	30.23 -1.36 0.00	32.89 -1.40 0.00	38.68 -1.20 0.00	40.54 -1.04 0.00	44.06 -0.59 0.00	69.96 -1.61 0.00	50.78 -1.59 0.00	41.46 -1.23 0.00	40.59 -0.70 0.00	32.44 -1.02 0.00
NYISO_LBMP_REFERENCE 24008	64.57 0.00 0.00	33.26 0.00 0.00	33.64 0.00 0.00	34.18 0.00 0.00	37.03 0.00 0.00	40.32 0.00 0.00	32.12 0.00 0.00	33.94 0.00 0.00	35.54 0.00 0.00	31.77 0.00 0.00	30.39 0.00 0.00	29.00 0.00 0.00	29.53 0.00 0.00	28.48 0.00 0.00	31.59 0.00 0.00	34.28 0.00 0.00	39.89 0.00 0.00	41.58 0.00 0.00	44.65 0.00 0.00	71.56 0.00 0.00	52.36 0.00 0.00	42.69 0.00 0.00	41.28 0.00 0.00	33.46 0.00 0.00

NYPA_BRENTWD____GT 24164	69.61 5.04 0.00	36.02 2.76 0.00	36.28 2.65 0.00	36.90 2.72 0.00	40.02 2.99 0.00	43.63 3.31 0.00	34.63 2.51 0.00	36.56 2.61 0.00	38.46 2.92 0.00	34.87 3.10 0.00	34.63 3.04 -1.20	32.15 3.06 -0.09	32.48 2.95 0.00	31.35 2.87 0.00	34.43 2.85 0.00	37.18 2.89 0.00	43.32 3.43 0.00	45.15 3.57 0.00	48.64 4.00 0.00	77.07 5.51 0.00	56.53 4.16 0.00	46.28 3.59 0.00	44.65 3.37 0.00	36.02 2.56 0.00
NYPA_GOWANUS____GT5 24156	68.44 3.87 0.00	35.40 2.14 0.00	35.70 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NYPA_GOWANUS____GT6 24157	68.44 3.87 0.00	35.40 2.14 0.00	35.70 2.07 0.00	36.32 2.14 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.20 2.26 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.99 2.50 0.00	34.10 2.51 0.00	37.01 2.72 0.00	43.03 3.15 0.00	44.78 3.19 0.00	48.23 3.59 0.00	77.01 5.45 0.00	56.40 4.03 0.00	45.99 3.30 0.00	44.28 2.99 0.00	35.75 2.29 0.00
NYPA_HARLEM__RVR__GT1 24160	68.47 3.90 0.00	35.45 2.19 0.00	35.69 2.05 0.00	36.26 2.08 0.00	39.39 2.36 0.00	42.84 2.52 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.05 2.51 0.00	34.20 2.43 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.06 2.53 0.00	31.00 2.51 0.00	34.05 2.46 0.00	36.96 2.67 0.00	42.95 3.06 0.00	44.65 3.07 0.00	48.04 3.40 0.00	76.72 5.16 0.00	56.20 3.84 0.00	45.84 3.15 0.00	44.13 2.84 0.00	35.69 2.23 0.00
NYPA_HARLEM__RVR__GT2 24161	68.47 3.90 0.00	35.45 2.19 0.00	35.69 2.05 0.00	36.26 2.08 0.00	39.39 2.36 0.00	42.84 2.52 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.05 2.51 0.00	34.20 2.43 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.06 2.53 0.00	31.00 2.51 0.00	34.05 2.46 0.00	36.96 2.67 0.00	42.95 3.06 0.00	44.65 3.07 0.00	48.04 3.40 0.00	76.72 5.16 0.00	56.20 3.84 0.00	45.84 3.15 0.00	44.13 2.84 0.00	35.69 2.23 0.00
NYPA_KENT____GT 24152	68.54 3.97 0.00	35.44 2.18 0.00	35.75 2.11 0.00	36.37 2.19 0.00	39.47 2.44 0.00	42.95 2.63 0.00	34.23 2.11 0.00	36.25 2.31 0.00	38.14 2.59 0.00	34.29 2.52 0.00	34.08 2.49 -1.20	31.71 2.62 -0.09	32.13 2.59 0.00	31.04 2.55 0.00	34.15 2.56 0.00	37.06 2.78 0.00	43.09 3.20 0.00	44.81 3.23 0.00	48.26 3.61 0.00	77.01 5.45 0.00	56.42 4.06 0.00	46.02 3.33 0.00	44.29 3.00 0.00	35.77 2.30 0.00
NYPA_POUCH1____GT 24155	68.30 3.74 0.00	35.34 2.08 0.00	35.60 1.96 0.00	36.18 2.00 0.00	39.26 2.23 0.00	42.74 2.41 0.00	34.06 1.94 0.00	36.07 2.13 0.00	37.93 2.39 0.00	34.09 2.32 0.00	33.87 2.28 -1.20	31.50 2.42 -0.09	31.93 2.40 0.00	30.84 2.36 0.00	33.94 2.35 0.00	36.84 2.56 0.00	42.85 2.96 0.00	44.58 3.00 0.00	48.07 3.43 0.00	76.77 5.21 0.00	56.21 3.84 0.00	45.85 3.16 0.00	44.13 2.84 0.00	35.64 2.18 0.00
NYPA_VERNON____GT2 24162	68.62 4.05 0.00	35.47 2.21 0.00	35.79 2.16 0.00	36.43 2.24 0.00	39.52 2.49 0.00	43.02 2.70 0.00	34.29 2.17 0.00	36.29 2.35 0.00	38.18 2.64 0.00	34.34 2.57 0.00	34.14 2.55 -1.20	31.75 2.66 -0.09	32.18 2.65 0.00	31.07 2.59 0.00	34.20 2.61 0.00	37.10 2.82 0.00	43.14 3.25 0.00	44.87 3.28 0.00	48.27 3.63 0.00	77.02 5.45 0.00	56.46 4.09 0.00	46.03 3.34 0.00	44.29 3.00 0.00	35.79 2.33 0.00
NYPA_VERNON____GT3 24163	68.62 4.05 0.00	35.47 2.21 0.00	35.79 2.16 0.00	36.43 2.24 0.00	39.52 2.49 0.00	43.02 2.70 0.00	34.29 2.17 0.00	36.29 2.35 0.00	38.18 2.64 0.00	34.34 2.57 0.00	34.14 2.55 -1.20	31.75 2.66 -0.09	32.18 2.65 0.00	31.07 2.59 0.00	34.20 2.61 0.00	37.10 2.82 0.00	43.14 3.25 0.00	44.87 3.28 0.00	48.27 3.63 0.00	77.02 5.45 0.00	56.46 4.09 0.00	46.03 3.34 0.00	44.29 3.00 0.00	35.79 2.33 0.00
NYPA__ASTORIA_CC1 323568	68.56 3.99 0.00	35.46 2.20 0.00	35.78 2.14 0.00	36.42 2.24 0.00	39.52 2.48 0.00	43.00 2.68 0.00	34.27 2.15 0.00	36.29 2.35 0.00	38.17 2.63 0.00	34.33 2.56 0.00	34.12 2.53 -1.20	31.74 2.66 -0.09	32.16 2.63 0.00	31.07 2.59 0.00	34.19 2.60 0.00	37.09 2.80 0.00	43.12 3.24 0.00	44.86 3.27 0.00	48.26 3.62 0.00	77.01 5.45 0.00	56.43 4.06 0.00	46.00 3.31 0.00	44.26 2.98 0.00	35.77 2.30 0.00
NYPA__ASTORIA_CC2 323569	68.56 3.99 0.00	35.46 2.20 0.00	35.78 2.14 0.00	36.42 2.24 0.00	39.52 2.48 0.00	43.00 2.68 0.00	34.27 2.15 0.00	36.29 2.35 0.00	38.17 2.63 0.00	34.33 2.56 0.00	34.12 2.53 -1.20	31.74 2.66 -0.09	32.16 2.63 0.00	31.07 2.59 0.00	34.19 2.60 0.00	37.09 2.80 0.00	43.12 3.24 0.00	44.86 3.27 0.00	48.26 3.62 0.00	77.01 5.45 0.00	56.43 4.06 0.00	46.00 3.31 0.00	44.26 2.98 0.00	35.77 2.30 0.00
NYPA__HOLTSVILL 23794	69.29 4.72 0.00	35.88 2.63 0.00	36.16 2.52 0.00	36.77 2.59 0.00	39.88 2.85 0.00	43.47 3.15 0.00	34.50 2.38 0.00	36.41 2.47 0.00	38.31 2.76 0.00	34.73 2.96 0.00	34.48 2.89 -1.20	32.00 2.91 -0.09	32.31 2.78 0.00	31.19 2.70 0.00	34.27 2.68 0.00	36.98 2.70 0.00	43.12 3.23 0.00	44.90 3.31 0.00	48.36 3.72 0.00	76.46 4.89 0.00	56.11 3.75 0.00	45.93 3.24 0.00	44.33 3.04 0.00	35.77 2.31 0.00
NYPA__HELLGATE_GT1 24158	68.46 3.89 0.00	35.45 2.19 0.00	35.69 2.05 0.00	36.27 2.08 0.00	39.39 2.36 0.00	42.84 2.52 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.04 2.50 0.00	34.20 2.43 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.06 2.53 0.00	31.00 2.51 0.00	34.05 2.46 0.00	36.96 2.67 0.00	42.95 3.06 0.00	44.63 3.05 0.01	48.00 3.36 0.01	76.72 5.16 0.00	56.22 3.86 0.00	45.84 3.15 0.00	44.13 2.84 0.00	35.69 2.23 0.00
NYPA__HELLGATE_GT2 24159	68.46 3.89 0.00	35.45 2.19 0.00	35.69 2.05 0.00	36.27 2.08 0.00	39.39 2.36 0.00	42.84 2.52 0.00	34.16 2.04 0.00	36.16 2.22 0.00	38.04 2.50 0.00	34.20 2.43 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.06 2.53 0.00	31.00 2.51 0.00	34.05 2.46 0.00	36.96 2.67 0.00	42.95 3.06 0.00	44.63 3.05 0.01	48.00 3.36 0.01	76.72 5.16 0.00	56.22 3.86 0.00	45.84 3.15 0.00	44.13 2.84 0.00	35.69 2.23 0.00
NYS_BARGE__HYD 23848	19.71 -6.55 38.30	16.07 -3.48 13.70	14.20 -3.50 15.94	18.78 -3.54 11.87	22.18 -3.93 10.91	24.82 -4.14 11.37	19.20 -3.09 9.83	20.12 -3.44 10.38	16.98 -3.64 14.92	17.06 -3.24 11.47	18.77 -3.11 8.51	16.99 -3.12 8.89	19.16 -3.17 7.20	23.37 -3.43 1.69	20.12 -3.18 8.29	20.48 -3.56 10.24	22.67 -4.80 12.42	21.84 -5.13 14.61	15.77 -5.42 23.46	22.32 -8.92 40.32	16.00 -5.91 30.45	19.11 -5.03 18.54	25.57 -4.17 11.55	29.06 -3.44 0.96

OAK ORCHARD__HYD 24046	39.62 -3.43 21.52	28.06 -1.82 3.38	26.16 -1.83 5.64	30.95 -1.86 1.37	34.96 -2.07 0.00	38.17 -2.15 0.00	29.10 -1.56 1.46	31.47 -1.72 0.75	29.32 -1.81 4.41	28.40 -1.76 1.61	28.29 -1.75 0.35	27.27 -1.74 -0.01	27.81 -1.72 0.00	26.84 -1.65 0.00	29.96 -1.62 0.00	32.65 -1.63 0.00	36.78 -2.11 1.00	36.81 -2.20 2.57	30.40 -2.39 11.86	43.94 -4.02 23.60	32.74 -2.90 16.73	33.20 -2.51 6.99	34.09 -2.19 5.00	31.28 -1.77 0.41
OAKDALE__35_KV_LOAD 356122	114.04 -1.29 -50.76	41.08 -0.60 -8.42	47.09 -0.59 -14.05	37.03 -0.56 -3.41	36.46 -0.58 -0.01	39.70 -0.62 0.00	35.01 -0.50 -3.39	35.28 -0.52 -1.86	45.75 -0.60 -10.81	35.33 -0.46 -4.02	30.78 -0.47 -0.87	28.57 -0.46 -0.03	29.03 -0.50 0.00	28.01 -0.48 0.00	31.19 -0.39 0.00	33.89 -0.39 0.00	41.65 -0.60 -2.36	46.95 -0.57 -5.93	73.59 -0.61 -29.56	127.33 -1.16 -56.93	91.51 -0.88 -40.03	59.07 -0.71 -17.09	53.00 -0.69 -12.41	33.92 -0.57 -1.03
OCC_CHEM__DRP 24175	16.32 -7.47 40.78	14.26 -4.05 14.95	12.34 -4.07 17.22	16.94 -4.14 13.11	20.26 -4.58 12.19	22.77 -4.86 12.69	17.62 -3.66 10.84	18.35 -4.07 11.52	15.02 -4.30 16.22	15.40 -3.73 12.64	17.36 -3.56 9.47	15.51 -3.56 9.92	17.89 -3.60 8.04	22.97 -3.63 1.88	18.58 -3.77 9.24	18.73 -4.12 11.43	20.81 -5.30 13.78	19.82 -5.68 16.08	13.62 -6.04 24.98	19.04 -9.77 42.75	13.06 -6.81 32.49	16.94 -5.69 20.06	24.06 -4.84 12.39	28.67 -3.76 1.03
OH_GEN_PROXY 24063	17.71 -7.27 39.59	15.59 -3.82 13.85	13.65 -3.82 16.16	18.36 -3.87 11.96	21.77 -4.29 10.97	24.35 -4.55 11.42	18.74 -3.42 9.96	19.72 -3.77 10.45	16.40 -4.00 15.14	16.77 -3.44 11.56	18.55 -3.28 8.56	16.83 -3.24 8.93	18.99 -3.30 7.23	23.40 -3.39 1.69	19.86 -3.39 8.34	20.25 -3.74 10.29	22.45 -4.90 12.53	21.50 -5.25 14.83	15.09 -5.69 23.87	20.84 -9.24 41.48	14.53 -6.40 31.44	25.93 -5.36 11.40	24.99 -4.55 11.74	28.91 -3.58 0.97
OLIN_CORP_DRP 24177	16.47 -7.19 40.91	14.45 -3.91 14.90	12.51 -3.92 17.20	17.16 -3.99 13.03	20.53 -4.42 12.08	23.06 -4.67 12.59	17.82 -3.52 10.79	18.60 -3.90 11.44	15.24 -4.11 16.18	15.59 -3.61 12.57	17.54 -3.45 9.40	15.68 -3.47 9.85	18.03 -3.52 7.98	22.80 -3.82 1.87	18.74 -3.68 9.16	18.84 -4.10 11.35	20.77 -5.43 13.69	19.73 -5.84 16.01	13.60 -6.03 25.02	18.74 -9.93 42.89	13.27 -6.62 32.47	17.19 -5.52 19.98	24.26 -4.63 12.39	28.60 -3.83 1.03
OLIN_CORP_DSASP 323712	16.32 -7.47 40.78	14.26 -4.05 14.95	12.34 -4.07 17.22	16.94 -4.14 13.11	20.26 -4.58 12.19	22.77 -4.86 12.69	17.62 -3.66 10.84	18.35 -4.07 11.52	15.02 -4.30 16.22	15.40 -3.73 12.64	17.36 -3.56 9.47	15.51 -3.56 9.92	17.89 -3.60 8.04	22.97 -3.63 1.88	18.58 -3.77 9.24	18.73 -4.12 11.43	20.81 -5.30 13.78	19.82 -5.68 16.08	13.62 -6.04 24.98	19.04 -9.77 42.75	13.06 -6.81 32.49	16.94 -5.69 20.06	24.06 -4.84 12.39	28.67 -3.76 1.03
ONEIDA_HERK_LFGE 323681	64.68 0.11 0.00	33.29 0.03 0.00	33.66 0.03 0.00	34.38 0.20 0.00	37.20 0.17 0.00	40.46 0.14 0.00	32.19 0.07 0.00	34.06 0.12 0.00	35.46 -0.08 0.00	31.67 -0.10 0.00	30.33 -0.06 0.00	28.65 -0.34 0.00	29.07 -0.46 0.00	28.05 -0.44 0.00	31.29 -0.30 0.00	34.09 -0.20 0.00	39.89 0.00 0.00	41.76 0.18 0.00	45.07 0.43 0.00	71.86 0.30 0.00	52.39 0.03 0.00	42.71 0.02 0.00	41.48 0.20 0.00	33.37 -0.09 0.00
ONEIDA__115KV_TB4 55905	65.22 0.65 0.00	33.62 0.36 0.00	34.01 0.38 0.00	34.60 0.42 0.00	37.49 0.46 0.00	40.84 0.52 0.00	32.54 0.42 0.00	34.41 0.47 0.00	35.85 0.31 0.00	32.12 0.34 0.00	30.69 0.30 0.00	28.99 -0.01 0.00	29.48 -0.05 0.00	28.39 -0.10 0.00	31.63 0.04 0.00	34.54 0.25 0.00	40.31 0.42 0.00	42.21 0.63 0.00	45.39 0.75 0.00	72.53 0.97 0.00	52.98 0.62 0.00	43.14 0.45 0.00	41.73 0.44 0.00	33.67 0.21 0.00
ONONDAGA_REF_OCCRA 23987	63.28 -1.29 0.00	32.62 -0.64 0.00	32.99 -0.65 0.00	33.53 -0.66 0.00	36.33 -0.70 0.00	39.57 -0.75 0.00	31.57 -0.55 0.00	33.34 -0.60 0.00	34.86 -0.68 0.00	31.18 -0.59 0.00	29.75 -0.64 0.00	28.33 -0.67 -0.01	28.82 -0.71 0.00	27.81 -0.68 0.00	30.99 -0.60 0.00	33.69 -0.59 0.00	39.20 -0.69 0.00	40.93 -0.65 0.00	43.94 -0.71 0.00	70.25 -1.32 0.00	51.37 -0.99 0.00	41.85 -0.84 0.00	40.45 -0.84 0.00	32.77 -0.70 0.00
ONONDAGA__COGEN 23986	61.15 -1.40 2.02	31.47 -0.69 1.10	31.13 -0.68 1.83	33.04 -0.70 0.44	36.29 -0.74 0.00	39.53 -0.79 0.00	31.50 -0.59 0.04	33.05 -0.65 0.24	33.73 -0.72 1.09	30.61 -0.64 0.52	29.59 -0.69 0.11	28.29 -0.72 -0.01	28.76 -0.76 0.00	27.78 -0.70 0.00	30.97 -0.61 0.00	33.66 -0.62 0.00	39.08 -0.73 0.08	40.85 -0.70 0.03	40.03 -0.77 0.03	65.73 -1.46 4.37	48.74 -1.10 2.52	40.07 -0.92 1.69	38.87 -0.91 1.51	32.58 -0.75 0.13
ONTARIO__LFGE 23819	32.24 -3.04 29.28	31.63 -1.45 0.18	27.69 -1.46 4.48	36.43 -1.49 -3.74	41.95 -1.66 -6.58	45.42 -1.76 -6.86	33.28 -1.24 -2.40	36.95 -1.39 -4.40	32.10 -1.50 1.94	33.32 -1.34 -2.88	33.07 -1.58 -4.26	32.85 -1.53 -5.38	32.31 -1.57 -4.35	28.08 -1.43 -1.02	35.29 -1.13 -4.83	39.15 -1.31 -6.18	43.29 -1.66 -5.06	42.62 -1.59 -2.62	27.44 -1.68 15.52	35.04 -2.76 33.76	27.83 -1.93 22.61	34.87 -1.72 6.11	34.08 -1.68 5.52	31.69 -1.32 0.45
ORANGEVILLE_WT_PWR 323706	-14.03 -7.23 71.37	-14.85 -3.85 44.26	-15.43 -3.91 45.16	-13.77 -3.82 44.14	-12.34 -4.10 45.27	-11.14 -4.31 47.16	-5.93 -3.38 34.67	-9.98 -3.63 40.29	-13.38 -3.96 44.97	-13.31 -3.51 41.58	-7.09 -3.47 34.00	-11.26 -3.36 36.90	-3.73 -3.40 29.87	18.12 -3.37 6.99	-5.34 -3.20 33.73	-11.82 -3.62 42.48	-12.13 -4.58 47.44	-12.92 -4.67 49.83	-13.68 -5.13 53.19	-11.21 -8.24 74.54	-13.51 -5.93 59.95	-12.65 -5.14 50.21	7.52 -4.65 29.11	27.30 -3.72 2.44
ORANGEVILLE__ESR 323794	-14.03 -7.23 71.37	-14.85 -3.85 44.26	-15.43 -3.91 45.16	-13.77 -3.82 44.14	-12.34 -4.10 45.27	-11.14 -4.31 47.16	-5.93 -3.38 34.67	-9.98 -3.63 40.29	-13.38 -3.96 44.97	-13.31 -3.51 41.58	-7.09 -3.47 34.00	-11.26 -3.36 36.90	-3.73 -3.40 29.87	18.12 -3.37 6.99	-5.34 -3.20 33.73	-11.82 -3.62 42.48	-12.13 -4.58 47.44	-12.92 -4.67 49.83	-13.68 -5.13 53.19	-11.21 -8.24 74.54	-13.51 -5.93 59.95	-12.65 -5.14 50.21	7.52 -4.65 29.11	27.30 -3.72 2.44
OSWEGATCHIE__HYD 24044	63.90 -0.66 0.00	32.88 -0.37 0.00	33.20 -0.43 0.00	33.88 -0.30 0.00	36.63 -0.40 0.00	39.90 -0.42 0.00	31.73 -0.39 0.00	33.57 -0.37 0.00	34.90 -0.64 0.00	30.92 -0.86 0.00	29.70 -0.69 0.00	27.95 -1.04 0.00	28.37 -1.16 0.00	27.45 -1.03 0.00	30.72 -0.87 0.00	33.44 -0.84 0.00	39.16 -0.72 0.00	40.85 -0.74 0.00	43.91 -0.73 0.00	70.03 -1.53 0.00	51.11 -1.25 0.00	41.86 -0.83 0.00	40.91 -0.38 0.00	32.97 -0.49 0.00
OSWEGO__5 23606	62.26 -2.31 0.00	32.12 -1.14 0.00	32.48 -1.16 0.00	33.00 -1.18 0.00	35.76 -1.27 0.00	38.95 -1.38 0.00	31.06 -1.06 0.00	32.79 -1.15 0.00	34.30 -1.24 0.00	30.66 -1.11 0.00	29.29 -1.10 0.00	27.93 -1.08 -0.01	28.41 -1.12 0.00	27.41 -1.07 0.00	30.50 -1.09 0.00	33.12 -1.17 0.00	38.53 -1.37 0.00	40.19 -1.40 0.00	43.14 -1.51 0.00	68.99 -2.57 0.00	50.47 -1.90 0.00	41.13 -1.56 0.00	39.80 -1.49 0.00	32.25 -1.21 0.00

OSWEGO___6 23613	62.26 -2.31 0.00	32.12 -1.14 0.00	32.48 -1.16 0.00	33.00 -1.18 0.00	35.76 -1.27 0.00	38.95 -1.38 0.00	31.06 -1.06 0.00	32.79 -1.15 0.00	34.30 -1.24 0.00	30.66 -1.11 0.00	29.29 -1.10 0.00	27.93 -1.08 -0.01	28.41 -1.12 0.00	27.41 -1.07 0.00	30.50 -1.09 0.00	33.12 -1.17 0.00	38.53 -1.37 0.00	40.19 -1.40 0.00	43.14 -1.51 0.00	68.99 -2.57 0.00	50.47 -1.90 0.00	41.13 -1.56 0.00	39.80 -1.49 0.00	32.25 -1.21 0.00
OUTOKUMPU-AB___DRP 24206	16.66 -6.21 41.70	14.48 -3.41 15.37	12.52 -3.44 17.68	17.20 -3.49 13.49	20.61 -3.86 12.56	23.18 -4.05 13.09	17.94 -3.02 11.16	18.70 -3.37 11.87	15.29 -3.59 16.66	15.61 -3.15 13.02	17.61 -3.02 9.76	15.72 -3.04 10.24	18.18 -3.06 8.29	23.41 -3.13 1.94	18.96 -3.11 9.52	19.06 -3.43 11.80	21.17 -4.52 14.20	20.20 -4.84 16.54	13.97 -5.09 25.59	19.57 -8.28 43.71	13.48 -5.67 33.21	17.35 -4.78 20.56	24.57 -4.02 12.70	29.21 -3.19 1.06
OXBOW___BTM 323836	16.28 -7.04 41.25	14.37 -3.73 15.16	12.43 -3.75 17.45	17.09 -3.79 13.30	20.44 -4.22 12.38	22.99 -4.44 12.89	17.78 -3.33 11.00	18.54 -3.71 11.70	15.16 -3.94 16.44	15.54 -3.40 12.83	17.51 -3.26 9.61	15.67 -3.25 10.08	18.06 -3.30 8.17	23.17 -3.40 1.91	18.86 -3.35 9.38	18.96 -3.71 11.62	21.03 -4.86 13.99	20.05 -5.22 16.32	13.74 -5.62 25.29	19.20 -9.13 43.24	13.22 -6.28 32.85	17.06 -5.31 20.31	24.28 -4.46 12.54	28.90 -3.52 1.04
OXBOW___ 24026	16.41 -6.91 41.25	14.32 -3.77 15.16	12.40 -3.78 17.45	17.03 -3.85 13.30	20.39 -4.26 12.38	22.93 -4.50 12.89	17.74 -3.38 11.00	18.49 -3.75 11.70	15.12 -3.98 16.44	15.47 -3.47 12.83	17.46 -3.32 9.61	15.58 -3.34 10.08	18.01 -3.35 8.17	23.17 -3.41 1.91	18.74 -3.46 9.38	18.86 -3.80 11.62	20.96 -4.94 13.99	19.97 -5.30 16.32	13.75 -5.61 25.29	19.23 -9.09 43.24	13.21 -6.30 32.85	17.10 -5.28 20.31	24.26 -4.48 12.54	28.90 -3.52 1.04
OXY_CHEM_DSASP 323612	16.32 -7.47 40.78	14.26 -4.05 14.95	12.34 -4.07 17.22	16.94 -4.14 13.11	20.26 -4.58 12.19	22.77 -4.86 12.69	17.62 -3.66 10.84	18.35 -4.07 11.52	15.02 -4.30 16.22	15.40 -3.73 12.64	17.36 -3.56 9.47	15.51 -3.56 9.92	17.89 -3.60 8.04	22.97 -3.63 1.88	18.58 -3.77 9.24	18.73 -4.12 11.43	20.81 -5.30 13.78	19.82 -5.68 16.08	13.62 -6.04 24.98	19.04 -9.77 42.75	13.06 -6.81 32.49	16.94 -5.69 20.06	24.06 -4.84 12.39	28.67 -3.76 1.03
OZONE_PARK_ESR 323760	69.00 4.43 0.00	35.69 2.43 0.00	35.99 2.36 0.00	36.63 2.45 0.00	39.72 2.68 0.00	43.25 2.93 0.00	34.47 2.35 0.00	36.49 2.55 0.00	38.38 2.84 0.00	34.55 2.78 0.00	34.32 2.73 -1.20	31.94 2.85 -0.09	32.36 2.83 0.00	31.24 2.76 0.00	34.43 2.84 0.00	37.33 3.04 0.00	43.41 3.52 0.00	45.18 3.60 0.00	48.61 3.97 0.00	77.57 6.01 0.00	56.78 4.41 0.00	46.28 3.59 0.00	44.54 3.26 0.00	35.98 2.51 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.32 -7.47 40.78	14.26 -4.05 14.95	12.34 -4.07 17.22	16.94 -4.14 13.11	20.26 -4.58 12.19	22.77 -4.86 12.69	17.62 -3.66 10.84	18.35 -4.07 11.52	15.02 -4.30 16.22	15.40 -3.73 12.64	17.36 -3.56 9.47	15.51 -3.56 9.92	17.89 -3.60 8.04	22.97 -3.63 1.88	18.58 -3.77 9.24	18.73 -4.12 11.43	20.81 -5.30 13.78	19.82 -5.68 16.08	13.62 -6.04 24.98	19.04 -9.77 42.75	13.06 -6.81 32.49	16.94 -5.69 20.06	24.06 -4.84 12.39	28.67 -3.76 1.03
PACKARD___115KV_DUPONT_184 80571	16.19 -7.60 40.78	14.29 -4.01 14.95	12.39 -4.02 17.22	16.99 -4.08 13.11	20.31 -4.54 12.19	22.83 -4.79 12.69	17.66 -3.61 10.84	18.40 -4.02 11.52	15.07 -4.25 16.22	15.47 -3.65 12.64	17.43 -3.49 9.47	15.61 -3.47 9.92	17.95 -3.53 8.04	22.98 -3.63 1.88	18.69 -3.65 9.24	18.83 -4.02 11.43	20.90 -5.21 13.78	19.91 -5.59 16.08	13.61 -6.06 24.98	19.01 -9.80 42.75	13.06 -6.81 32.49	16.91 -5.72 20.06	24.09 -4.81 12.39	28.68 -3.76 1.03
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	68.34 3.77 0.00	35.40 2.14 0.00	35.73 2.10 0.00	36.38 2.20 0.00	39.49 2.45 0.00	42.97 2.65 0.00	34.25 2.13 0.00	36.26 2.32 0.00	38.12 2.57 0.00	34.27 2.49 0.00	34.08 2.49 -1.20	31.70 2.62 -0.09	32.10 2.57 0.00	31.02 2.53 0.00	34.11 2.53 0.00	37.01 2.73 0.00	43.04 3.15 0.00	44.74 3.16 0.00	48.15 3.51 0.00	76.90 5.34 0.00	56.32 3.95 0.00	45.90 3.21 0.00	44.20 2.92 0.00	35.74 2.28 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	70.24 5.67 0.00	36.39 3.13 0.00	36.74 3.11 0.00	37.41 3.23 0.00	40.63 3.60 0.00	44.23 3.91 0.00	35.28 3.16 0.00	37.33 3.39 0.00	39.22 3.68 0.00	35.26 3.48 0.00	35.02 3.43 -1.20	32.59 3.50 -0.09	32.99 3.46 0.00	31.87 3.38 0.00	35.06 3.47 0.00	38.04 3.76 0.00	44.23 4.34 0.00	45.99 4.40 0.00	49.46 4.82 0.00	79.02 7.45 0.00	57.84 5.48 0.00	47.12 4.43 0.00	45.39 4.10 0.00	36.71 3.25 0.00
PATROON___115KV_TB1 80586	67.29 2.72 0.00	34.78 1.52 0.00	35.19 1.55 0.00	35.80 1.62 0.00	38.81 1.78 0.00	42.20 1.88 0.00	33.53 1.41 0.00	35.44 1.50 0.00	37.17 1.62 0.00	33.27 1.49 0.00	31.84 1.45 0.00	30.57 1.46 -0.11	30.97 1.44 0.00	29.93 1.44 0.00	33.07 1.48 0.00	35.88 1.59 0.00	41.83 1.94 0.00	43.57 1.99 0.00	46.74 2.10 0.00	74.69 3.13 0.00	54.63 2.26 0.00	44.54 1.85 0.00	42.98 1.70 0.00	34.85 1.39 0.00
PATRSNVILLE___SOLAR 323815	66.38 1.81 0.00	34.25 0.99 0.00	34.65 1.01 0.00	35.24 1.05 0.00	38.19 1.16 0.00	41.57 1.24 0.00	33.10 0.98 0.00	34.99 1.05 0.00	36.55 1.01 0.00	32.60 0.82 0.00	31.16 0.77 0.00	29.77 0.65 -0.12	29.99 0.46 0.00	28.98 0.49 0.00	32.02 0.43 0.00	34.95 0.67 0.00	40.94 1.05 0.00	42.90 1.31 0.00	46.19 1.55 0.00	73.81 2.25 0.00	53.99 1.62 0.00	44.03 1.34 0.00	42.51 1.23 0.00	34.41 0.95 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.80 -4.77 46.00	14.48 -2.68 16.10	12.27 -2.68 18.69	17.54 -2.69 13.96	21.17 -3.00 12.86	23.79 -3.11 13.42	18.14 -2.30 11.68	19.18 -2.51 12.24	15.19 -2.75 17.60	15.90 -2.36 13.51	18.09 -2.25 10.04	16.22 -2.29 10.49	18.74 -2.28 8.51	24.15 -2.35 1.99	19.64 -2.21 9.74	19.71 -2.48 12.09	21.77 -3.41 14.71	20.58 -3.61 17.39	13.45 -3.76 27.43	17.68 -5.96 47.92	12.06 -3.94 36.37	17.43 -3.35 21.91	24.97 -2.77 13.55	30.11 -2.23 1.12
PAWLING_115_KV_BK3_REV_LBMP_H 345028	68.52 3.95 0.00	35.43 2.17 0.00	35.75 2.12 0.00	36.37 2.18 0.00	39.43 2.40 0.00	42.93 2.61 0.00	34.21 2.09 0.00	36.20 2.26 0.00	38.05 2.51 0.00	34.23 2.45 0.00	33.14 2.39 -0.36	31.57 2.48 -0.09	32.00 2.47 0.00	30.90 2.41 0.00	34.07 2.48 0.00	36.92 2.64 0.00	42.99 3.10 0.00	44.79 3.21 0.00	48.17 3.53 0.00	76.88 5.31 0.00	56.21 3.85 0.00	45.79 3.10 0.00	44.10 2.81 0.00	35.64 2.18 0.00
PEEKSKILL___ 23653	67.80 3.24 0.00	35.04 1.79 0.00	35.36 1.72 0.00	35.97 1.79 0.00	39.01 1.98 0.00	42.46 2.14 0.00	33.81 1.69 0.00	35.78 1.84 0.00	37.60 2.06 0.00	33.81 2.04 0.00	33.70 2.00 -1.31	31.22 2.14 -0.09	31.65 2.12 0.00	30.56 2.07 0.00	33.67 2.08 0.00	36.52 2.24 0.00	42.50 2.61 0.00	44.27 2.68 0.00	47.63 2.99 0.00	76.03 4.47 0.00	55.63 3.26 0.00	45.34 2.65 0.00	43.66 2.37 0.00	35.28 1.82 0.00

PGE MADISON___WINDPWR 24146	72.16 -0.66 -8.24	35.62 -0.32 -2.68	36.49 -0.38 -3.24	36.06 -0.35 -2.22	38.66 -0.33 -1.96	42.04 -0.32 -2.04	33.82 -0.16 -1.85	35.92 0.07 -1.91	38.48 -0.02 -2.97	34.20 0.27 -2.17	31.86 -0.08 -1.55	30.02 -0.60 -1.63	29.93 -0.89 -1.29	27.87 -0.92 -0.30	32.35 -0.66 -1.42	35.76 -0.36 -1.83	41.70 -0.48 -2.29	44.25 -0.11 -2.78	49.99 0.34 -5.00	80.61 0.28 -8.77	59.02 0.10 -6.56	46.67 0.19 -3.79	43.88 0.19 -2.40	33.77 0.11 -0.20
PIERCEFIELD___HYD 23852	65.00 0.43 0.00	33.51 0.26 0.00	33.82 0.18 0.00	34.33 0.15 0.00	37.11 0.08 0.00	40.51 0.19 0.00	32.28 0.16 0.00	34.14 0.19 0.00	35.67 0.13 0.00	31.56 -0.21 0.00	30.22 -0.17 0.00	28.54 -0.45 0.00	29.12 -0.41 0.00	28.16 -0.33 0.00	31.40 -0.19 0.00	34.13 -0.16 0.00	39.77 -0.11 0.00	41.31 -0.27 0.00	44.07 -0.58 0.00	70.49 -1.07 0.00	51.69 -0.68 0.00	42.45 -0.24 0.00	41.41 0.12 0.00	33.60 0.14 0.00
PINELAWN_CC_1 323563	69.32 4.75 0.00	35.85 2.59 0.00	36.13 2.50 0.00	36.73 2.55 0.00	39.87 2.84 0.00	43.45 3.13 0.00	34.50 2.38 0.00	36.42 2.48 0.00	38.37 2.83 0.00	34.73 2.96 0.00	34.48 2.89 -1.20	32.01 2.92 -0.09	32.35 2.82 0.00	31.22 2.73 0.00	34.29 2.70 0.00	37.09 2.80 0.00	43.20 3.31 0.00	45.03 3.45 0.00	48.52 3.87 0.00	76.97 5.40 0.00	56.44 4.08 0.00	46.19 3.50 0.00	44.52 3.24 0.00	35.93 2.46 0.00
PJM_GEN_HTP_PROXY 323702	68.39 3.82 0.00	35.36 2.10 0.00	35.67 2.03 0.00	36.30 2.12 0.00	39.36 2.33 0.00	42.84 2.52 0.00	34.14 2.02 0.00	36.13 2.19 0.00	38.00 2.46 0.00	34.20 2.43 0.00	33.98 2.39 -1.20	31.61 2.52 -0.09	32.04 2.50 0.00	30.93 2.44 0.00	34.06 2.47 0.00	36.94 2.65 0.00	42.96 3.07 0.00	44.70 3.12 0.00	48.09 3.45 0.00	76.75 5.18 0.00	56.18 3.82 0.00	45.81 3.12 0.00	44.09 2.80 0.00	35.62 2.16 0.00
PJM_GEN_KEystone 24065	27.23 -1.39 35.95	23.48 -0.63 9.15	26.30 -0.66 6.68	29.85 -0.59 3.74	33.34 -0.61 3.08	36.50 -0.62 3.20	27.45 -0.50 4.17	30.22 -0.58 3.14	24.69 -0.62 10.24	27.69 -0.38 3.70	25.86 -0.29 4.24	26.41 -0.13 2.45	27.35 -0.15 2.03	27.85 -0.16 0.48	29.08 -0.16 2.36	31.18 -0.22 2.89	35.39 -0.54 3.96	35.56 -0.59 5.43	33.99 -0.60 10.05	49.84 -1.22 20.50	36.03 -0.84 15.50	34.32 -0.71 7.66	35.85 -0.65 4.78	26.14 -0.54 6.78
PJM_GEN_NEPTUNE_PROXY 323594	68.34 3.78 0.00	35.36 2.10 0.00	35.64 2.01 0.00	36.26 2.08 0.00	39.36 2.32 0.00	42.85 2.53 0.00	34.03 1.90 0.00	35.94 2.00 0.00	37.83 2.29 0.00	34.22 2.44 0.00	33.99 2.41 -1.20	31.57 2.48 -0.09	31.93 2.80 0.00	30.83 2.34 0.00	33.90 2.31 0.00	36.67 2.39 0.00	42.69 2.80 0.00	44.44 2.85 0.00	47.84 3.19 0.00	76.04 4.47 0.00	55.76 3.40 0.00	45.61 2.92 0.00	43.94 2.65 0.00	35.48 2.02 0.00
PJM_GEN_VFT_PROXY 323633	68.13 3.57 0.01	35.22 1.97 0.00	35.55 1.92 0.00	36.20 2.02 0.00	39.26 2.23 0.00	42.73 2.40 0.00	34.05 1.93 0.00	36.03 2.09 0.00	37.90 2.36 0.00	34.09 2.32 0.00	33.87 2.28 -1.20	31.52 2.43 -0.09	31.94 2.41 0.00	30.85 2.37 0.00	33.96 2.37 0.00	36.84 2.56 0.00	42.85 2.96 0.00	44.60 3.02 0.00	48.00 3.35 0.00	76.58 5.01 0.00	56.05 3.69 0.00	45.70 3.01 0.00	43.97 2.68 0.00	35.53 2.07 0.00
PLATSBURG_115KV_PMLD1 355749	65.19 0.63 0.00	33.64 0.38 0.00	33.85 0.21 0.00	34.18 0.00 0.00	36.86 -0.17 0.00	40.38 0.05 0.00	31.95 -0.17 0.00	33.84 -0.10 0.00	35.45 -0.09 0.00	31.56 -0.21 0.00	30.22 -0.17 0.00	28.69 -0.31 0.00	29.37 -0.16 0.00	28.22 -0.26 0.00	31.35 -0.24 0.00	34.07 -0.22 0.00	39.52 -0.36 0.00	41.28 -0.31 0.00	44.05 -0.60 0.00	70.42 -1.15 0.00	51.68 -0.69 0.00	42.22 -0.47 0.00	40.98 -0.30 0.00	33.32 -0.14 0.00
PLEASANTVLY___LBMP 24000	67.48 2.92 0.00	34.93 1.68 0.00	35.25 1.62 0.00	35.87 1.69 0.00	38.89 1.86 0.00	42.32 1.99 0.00	33.70 1.58 0.00	35.64 1.70 0.00	37.45 1.91 0.00	33.66 1.89 0.00	32.66 1.85 -0.42	31.05 1.96 -0.09	31.47 1.94 0.00	30.39 1.90 0.00	33.51 1.92 0.00	36.31 2.03 0.00	42.28 2.39 0.00	44.01 2.43 0.00	47.35 2.71 0.00	75.58 4.02 0.00	55.28 2.91 0.00	45.06 2.37 0.00	43.42 2.13 0.00	35.13 1.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	68.19 3.62 0.00	35.29 2.03 0.00	35.59 1.96 0.00	36.23 2.05 0.00	39.28 2.24 0.00	42.75 2.43 0.00	34.06 1.94 0.00	36.03 2.09 0.00	37.87 2.33 0.00	34.07 2.30 0.00	33.53 2.25 -0.89	31.45 2.36 -0.09	31.88 2.35 0.00	30.78 2.30 0.00	33.93 2.34 0.00	36.77 2.49 0.00	42.78 2.90 0.00	44.55 2.97 0.00	47.93 3.28 0.00	76.49 4.92 0.00	55.96 3.60 0.00	45.62 2.93 0.00	43.93 2.65 0.00	35.50 2.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	68.19 3.62 0.00	35.29 2.03 0.00	35.59 1.96 0.00	36.23 2.05 0.00	39.28 2.24 0.00	42.75 2.43 0.00	34.06 1.94 0.00	36.03 2.09 0.00	37.87 2.33 0.00	34.07 2.30 0.00	33.53 2.25 -0.89	31.45 2.36 -0.09	31.88 2.35 0.00	30.78 2.30 0.00	33.93 2.34 0.00	36.77 2.49 0.00	42.78 2.90 0.00	44.55 2.97 0.00	47.93 3.28 0.00	76.49 4.92 0.00	55.96 3.60 0.00	45.62 2.93 0.00	43.93 2.65 0.00	35.50 2.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	68.02 3.46 0.00	35.19 1.93 0.00	35.52 1.89 0.00	36.14 1.96 0.00	39.18 2.15 0.00	42.65 2.33 0.00	33.96 1.84 0.00	35.93 1.99 0.00	37.74 2.19 0.00	33.91 2.13 0.00	32.47 2.08 0.00	31.24 2.16 -0.09	31.66 2.13 0.00	30.58 2.10 0.00	33.73 2.15 0.00	36.56 2.28 0.00	42.61 2.72 0.00	44.39 2.80 0.00	47.74 3.10 0.00	76.21 4.65 0.00	55.71 3.35 0.00	45.40 2.71 0.00	43.74 2.45 0.00	35.38 1.92 0.00
POLETTI___ 23519	68.36 3.80 0.00	35.38 2.12 0.00	35.68 2.05 0.00	36.31 2.13 0.00	39.37 2.34 0.00	42.86 2.54 0.00	34.15 2.03 0.00	36.16 2.22 0.00	38.02 2.47 0.00	34.22 2.45 0.00	34.00 2.41 -1.20	31.64 2.55 -0.09	32.06 2.53 0.00	30.95 2.47 0.00	34.09 2.50 0.00	36.96 2.68 0.00	42.99 3.10 0.00	44.72 3.14 0.00	48.10 3.46 0.00	76.74 5.18 0.00	56.20 3.83 0.00	45.82 3.13 0.00	44.12 2.83 0.00	35.64 2.18 0.00
POMONA___ESR 323819	67.73 3.17 0.00	35.01 1.75 0.00	35.33 1.69 0.00	35.94 1.75 0.00	38.97 1.94 0.00	42.43 2.10 0.00	33.79 1.67 0.00	35.74 1.80 0.00	37.55 2.01 0.00	33.75 1.98 0.00	33.66 1.94 -1.33	31.17 2.09 -0.09	31.60 2.07 0.00	30.51 2.02 0.00	33.62 2.03 0.00	36.49 2.20 0.00	42.44 2.55 0.00	44.23 2.64 0.00	47.59 2.95 0.00	75.95 4.39 0.00	55.56 3.19 0.00	45.28 2.59 0.00	43.59 2.30 0.00	35.23 1.77 0.00
PORT_JEFF_3 23555	69.44 4.88 0.00	35.96 2.70 0.00	36.22 2.59 0.00	36.83 2.65 0.00	39.95 2.92 0.00	43.55 3.23 0.00	34.57 2.45 0.00	36.49 2.55 0.00	38.38 2.84 0.00	34.80 3.03 0.00	34.55 2.96 -1.20	32.06 2.97 -0.09	32.37 2.84 0.00	31.24 2.76 0.00	34.33 2.75 0.00	37.05 2.77 0.00	43.20 3.31 0.00	45.00 3.42 0.00	48.48 3.84 0.00	76.64 5.08 0.00	56.25 3.88 0.00	46.03 3.34 0.00	44.42 3.14 0.00	35.83 2.37 0.00

PORT_JEFF_4 23616	69.44 4.88 0.00	35.96 2.70 0.00	36.22 2.59 0.00	36.83 2.65 0.00	39.95 2.92 0.00	43.55 3.23 0.00	34.57 2.45 0.00	36.49 2.55 0.00	38.38 2.84 0.00	34.80 3.03 0.00	34.55 2.96 -1.20	32.06 2.97 -0.09	32.37 2.84 0.00	31.24 2.76 0.00	34.33 2.75 0.00	37.05 2.77 0.00	43.20 3.31 0.00	45.00 3.42 0.00	48.48 3.84 0.00	76.64 5.08 0.00	56.25 3.88 0.00	46.03 3.34 0.00	44.42 3.14 0.00	35.83 2.37 0.00
PORT_JEFF_IC 23713	69.36 4.79 0.00	36.00 2.74 0.00	36.26 2.62 0.00	36.87 2.69 0.00	39.98 2.95 0.00	43.59 3.27 0.00	34.61 2.49 0.00	36.54 2.60 0.00	38.41 2.87 0.00	34.85 3.07 0.00	34.59 3.01 -1.20	32.09 3.01 -0.09	32.40 2.87 0.00	31.27 2.79 0.00	34.37 2.78 0.00	37.09 2.81 0.00	43.25 3.36 0.00	45.07 3.49 0.00	48.52 3.88 0.00	76.65 5.09 0.00	56.26 3.90 0.00	46.05 3.36 0.00	44.46 3.17 0.00	35.86 2.39 0.00
PPL_PILGRIM_ST_GT1 24216	69.61 5.04 0.00	36.02 2.76 0.00	36.28 2.65 0.00	36.90 2.72 0.00	40.02 2.99 0.00	43.63 3.31 0.00	34.63 2.51 0.00	36.56 2.61 0.00	38.46 2.92 0.00	34.87 3.10 0.00	34.63 3.04 -1.20	32.15 3.06 -0.09	32.48 2.95 0.00	31.35 2.87 0.00	34.43 2.85 0.00	37.18 2.89 0.00	43.32 3.43 0.00	45.15 3.57 0.00	48.64 4.00 0.00	77.07 5.51 0.00	56.53 4.16 0.00	46.28 3.59 0.00	44.65 3.37 0.00	36.02 2.56 0.00
PPL_PILGRIM_ST_GT2 24217	69.61 5.04 0.00	36.02 2.76 0.00	36.28 2.65 0.00	36.90 2.72 0.00	40.02 2.99 0.00	43.63 3.31 0.00	34.63 2.51 0.00	36.56 2.61 0.00	38.46 2.92 0.00	34.87 3.10 0.00	34.63 3.04 -1.20	32.15 3.06 -0.09	32.48 2.95 0.00	31.35 2.87 0.00	34.43 2.85 0.00	37.18 2.89 0.00	43.32 3.43 0.00	45.15 3.57 0.00	48.64 4.00 0.00	77.07 5.51 0.00	56.53 4.16 0.00	46.28 3.59 0.00	44.65 3.37 0.00	36.02 2.56 0.00
PPL_SHRM_GT3 24213	70.02 5.45 0.00	36.32 3.07 0.00	36.57 2.93 0.00	37.08 2.90 0.00	40.20 3.17 0.00	43.86 3.54 0.00	34.76 2.64 0.00	36.68 2.74 0.00	38.56 3.02 0.00	34.98 3.20 0.00	34.69 3.10 -1.20	32.17 3.08 -0.09	32.43 2.90 0.00	31.30 2.82 0.00	34.40 2.81 0.00	37.10 2.81 0.00	43.32 3.43 0.00	45.10 3.52 0.00	48.57 3.93 0.00	76.16 4.60 0.00	55.92 3.56 0.00	45.74 3.05 0.00	44.24 2.95 0.00	35.69 2.23 0.00
PPL_SHRM_GT4 24214	70.02 5.45 0.00	36.32 3.07 0.00	36.57 2.93 0.00	37.08 2.90 0.00	40.20 3.17 0.00	43.86 3.54 0.00	34.76 2.64 0.00	36.68 2.74 0.00	38.56 3.02 0.00	34.98 3.20 0.00	34.69 3.10 -1.20	32.17 3.08 -0.09	32.43 2.90 0.00	31.30 2.82 0.00	34.40 2.81 0.00	37.10 2.81 0.00	43.32 3.43 0.00	45.10 3.52 0.00	48.57 3.93 0.00	76.16 4.60 0.00	55.92 3.56 0.00	45.74 3.05 0.00	44.24 2.95 0.00	35.69 2.23 0.00
PROJECT___ORANGE 1 24174	62.91 -1.66 0.00	32.44 -0.82 0.00	32.81 -0.83 0.00	33.35 -0.84 0.00	36.12 -0.91 0.00	39.35 -0.98 0.00	31.39 -0.73 0.00	33.15 -0.80 0.00	34.66 -0.88 0.00	31.01 -0.76 0.00	29.59 -0.79 0.00	28.21 -0.80 -0.01	28.70 -0.83 0.00	27.70 -0.79 0.00	30.85 -0.74 0.00	33.52 -0.76 0.00	38.98 -0.91 0.00	40.68 -0.91 0.00	43.66 -0.98 0.00	69.83 -1.73 0.00	51.08 -1.28 0.00	41.60 -1.09 0.00	40.23 -1.06 0.00	32.58 -0.88 0.00
PROJECT___ORANGE 2 24166	62.91 -1.66 0.00	32.44 -0.82 0.00	32.81 -0.83 0.00	33.35 -0.84 0.00	36.12 -0.91 0.00	39.35 -0.98 0.00	31.39 -0.73 0.00	33.15 -0.80 0.00	34.66 -0.88 0.00	31.01 -0.76 0.00	29.59 -0.79 0.00	28.21 -0.80 -0.01	28.70 -0.83 0.00	27.70 -0.79 0.00	30.85 -0.74 0.00	33.52 -0.76 0.00	38.98 -0.91 0.00	40.68 -0.91 0.00	43.66 -0.98 0.00	69.83 -1.73 0.00	51.08 -1.28 0.00	41.60 -1.09 0.00	40.23 -1.06 0.00	32.58 -0.88 0.00
PUCKETT___SOLAR 323809	99.27 -0.81 -35.51	38.77 -0.34 -5.85	43.05 -0.35 -9.76	36.25 -0.30 -2.37	36.72 -0.32 -0.01	40.00 -0.32 0.00	34.26 -0.23 -2.37	35.09 -0.15 -1.29	42.81 -0.25 -7.52	34.45 -0.12 -2.79	30.77 -0.22 -0.60	28.67 -0.36 -0.03	29.00 -0.53 0.00	27.89 -0.60 0.00	31.15 -0.43 0.00	34.02 -0.27 0.00	41.14 -0.40 -1.65	45.50 -0.25 -4.16	64.97 -0.21 -20.53	110.86 -0.41 -39.70	79.95 -0.36 -27.95	54.29 -0.30 -11.90	49.68 -0.23 -8.62	33.93 -0.25 -0.71
PYRITES___HYD 24023	66.09 1.53 0.00	34.07 0.81 0.00	34.40 0.77 0.00	34.90 0.72 0.00	37.73 0.70 0.00	41.19 0.87 0.00	32.88 0.75 0.00	34.75 0.81 0.00	36.25 0.71 0.00	31.87 0.09 0.00	30.52 0.13 0.00	28.77 -0.23 0.00	29.42 -0.11 0.00	28.41 -0.07 0.00	31.73 0.15 0.00	34.50 0.22 0.00	40.39 0.50 0.00	42.07 0.49 0.00	44.97 0.33 0.00	72.03 0.47 0.00	52.82 0.45 0.00	43.27 0.58 0.00	42.15 0.86 0.00	34.20 0.74 0.00
QUAKERRD_115KV_BK1 80622	40.77 -4.36 19.44	27.88 -2.30 3.08	26.17 -2.33 5.13	30.57 -2.37 1.25	34.43 -2.59 0.00	37.58 -2.75 0.00	28.74 -2.06 1.32	31.02 -2.24 0.68	29.19 -2.35 4.01	28.11 -2.19 1.47	27.87 -2.20 0.32	26.84 -2.17 -0.01	27.36 -2.17 0.00	26.44 -2.04 0.00	29.52 -2.06 0.00	32.10 -2.19 0.00	36.31 -2.68 0.91	36.48 -2.79 2.31	30.86 -2.99 10.80	45.21 -4.97 21.39	33.60 -3.62 15.15	33.30 -3.04 6.35	33.93 -2.80 4.55	30.84 -2.25 0.38
QUEENSBRY_115KV_TB8 356137	67.83 3.26 0.00	34.99 1.73 0.00	35.38 1.75 0.00	36.02 1.84 0.00	39.13 2.10 0.00	42.56 2.24 0.00	33.78 1.66 0.00	35.83 1.89 0.00	37.60 2.06 0.00	33.64 1.86 0.00	32.12 1.73 0.00	30.71 1.60 -0.11	30.86 1.33 0.00	29.68 1.20 0.00	32.89 1.30 0.00	35.76 1.48 0.00	41.91 2.03 0.00	43.92 2.33 0.00	47.24 2.60 0.00	75.44 3.88 0.00	54.98 2.61 0.00	44.82 2.13 0.00	43.17 1.88 0.00	34.94 1.48 0.00
RAMAPO___LBMP 323565	67.32 2.76 0.00	34.83 1.57 0.00	35.14 1.50 0.00	35.76 1.58 0.00	38.78 1.75 0.00	42.22 1.90 0.00	33.62 1.50 0.00	35.56 1.62 0.00	37.35 1.81 0.00	33.56 1.79 0.00	30.65 1.76 1.50	31.00 1.92 -0.08	31.42 1.89 0.00	30.34 1.85 0.00	33.43 1.84 0.00	36.27 1.99 0.00	42.21 2.32 0.00	43.98 2.40 0.00	47.32 2.68 0.00	75.58 4.02 0.00	55.27 2.91 0.00	45.04 2.35 0.00	43.38 2.09 0.00	35.06 1.60 0.00
RANKINE___ 23646	12.47 -5.88 46.21	12.47 -3.24 17.55	10.42 -3.25 19.96	15.33 -3.26 15.59	18.75 -3.62 14.67	21.29 -3.74 15.29	16.43 -2.82 12.87	17.06 -3.10 13.78	13.23 -3.37 18.94	13.84 -2.92 15.01	16.22 -2.81 11.36	14.22 -2.81 11.96	17.02 -2.82 9.69	23.35 -2.87 2.27	17.70 -2.81 11.08	17.39 -3.11 13.78	19.28 -4.13 16.47	18.18 -4.37 19.04	11.59 -4.61 28.45	15.87 -7.42 48.27	10.40 -5.13 36.83	15.16 -4.34 23.19	23.35 -3.70 14.23	29.36 -2.92 1.18
RAVENSWOOD_GT2_1 24244	68.36 3.80 0.00	35.37 2.11 0.00	35.70 2.06 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.17 2.23 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.56 -0.09	32.07 2.54 0.00	30.97 2.49 0.00	34.10 2.52 0.00	36.97 2.69 0.00	43.01 3.12 0.00	44.75 3.17 0.00	48.12 3.48 0.00	76.80 5.23 0.00	56.24 3.88 0.00	45.84 3.16 0.00	44.14 2.85 0.00	35.66 2.20 0.00

RAVENSWOOD_GT2_2 24245	68.36 3.80 0.00	35.37 2.11 0.00	35.70 2.06 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.17 2.23 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.56 -0.09	32.07 2.54 0.00	30.97 2.49 0.00	34.10 2.52 0.00	36.97 2.69 0.00	43.01 3.12 0.00	44.75 3.17 0.00	48.12 3.48 0.00	76.80 5.23 0.00	56.24 3.88 0.00	45.84 3.16 0.00	44.14 2.85 0.00	35.66 2.20 0.00
RAVENSWOOD_GT2_3 24246	68.38 3.81 0.00	35.38 2.12 0.00	35.71 2.07 0.00	36.35 2.17 0.00	39.42 2.39 0.00	42.91 2.59 0.00	34.19 2.07 0.00	36.19 2.25 0.00	38.05 2.51 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.98 2.49 0.00	34.12 2.53 0.00	36.99 2.70 0.00	43.03 3.14 0.00	44.75 3.17 0.00	48.14 3.50 0.00	76.82 5.25 0.00	56.25 3.88 0.00	45.86 3.17 0.00	44.16 2.87 0.00	35.67 2.21 0.00
RAVENSWOOD_GT2_4 24247	68.38 3.81 0.00	35.38 2.12 0.00	35.71 2.07 0.00	36.35 2.17 0.00	39.42 2.39 0.00	42.91 2.59 0.00	34.19 2.07 0.00	36.19 2.25 0.00	38.05 2.51 0.00	34.25 2.48 0.00	34.03 2.44 -1.20	31.66 2.57 -0.09	32.08 2.55 0.00	30.98 2.49 0.00	34.12 2.53 0.00	36.99 2.70 0.00	43.03 3.14 0.00	44.75 3.17 0.00	48.14 3.50 0.00	76.82 5.25 0.00	56.25 3.88 0.00	45.86 3.17 0.00	44.16 2.87 0.00	35.67 2.21 0.00
RAVENSWOOD_GT3_1 24248	68.36 3.80 0.00	35.37 2.11 0.00	35.70 2.06 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.90 2.57 0.00	34.18 2.06 0.00	36.18 2.24 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.56 -0.09	32.07 2.54 0.00	30.97 2.49 0.00	34.10 2.52 0.00	36.97 2.69 0.00	43.01 3.12 0.00	44.75 3.17 0.00	48.12 3.48 0.00	76.80 5.23 0.00	56.24 3.88 0.00	45.84 3.16 0.00	44.14 2.85 0.00	35.66 2.20 0.00
RAVENSWOOD_GT3_2 24249	68.36 3.80 0.00	35.37 2.11 0.00	35.70 2.06 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.90 2.57 0.00	34.18 2.06 0.00	36.18 2.24 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.56 -0.09	32.07 2.54 0.00	30.97 2.49 0.00	34.10 2.52 0.00	36.97 2.69 0.00	43.01 3.12 0.00	44.75 3.17 0.00	48.12 3.48 0.00	76.80 5.23 0.00	56.24 3.88 0.00	45.84 3.16 0.00	44.14 2.85 0.00	35.66 2.20 0.00
RAVENSWOOD_GT3_3 24250	68.44 3.88 0.00	35.41 2.15 0.00	35.73 2.10 0.00	36.38 2.20 0.00	39.45 2.42 0.00	42.95 2.63 0.00	34.22 2.10 0.00	36.23 2.29 0.00	38.09 2.54 0.00	34.28 2.51 0.00	34.06 2.47 -1.20	31.69 2.60 -0.09	32.11 2.58 0.00	31.00 2.52 0.00	34.15 2.57 0.00	37.02 2.74 0.00	43.07 3.18 0.00	44.80 3.22 0.00	48.19 3.54 0.00	76.89 5.32 0.00	56.31 3.94 0.00	45.91 3.21 0.00	44.20 2.91 0.00	35.71 2.25 0.00
RAVENSWOOD_GT3_4 24251	68.44 3.88 0.00	35.41 2.15 0.00	35.73 2.10 0.00	36.38 2.20 0.00	39.45 2.42 0.00	42.95 2.63 0.00	34.22 2.10 0.00	36.23 2.29 0.00	38.09 2.54 0.00	34.28 2.51 0.00	34.06 2.47 -1.20	31.69 2.60 -0.09	32.11 2.58 0.00	31.00 2.52 0.00	34.15 2.57 0.00	37.02 2.74 0.00	43.07 3.18 0.00	44.80 3.22 0.00	48.19 3.54 0.00	76.89 5.32 0.00	56.31 3.94 0.00	45.91 3.21 0.00	44.20 2.91 0.00	35.71 2.25 0.00
RAVENSWOOD_GT_1 23729	68.55 3.98 0.00	35.48 2.22 0.00	35.80 2.17 0.00	36.44 2.26 0.00	39.52 2.49 0.00	43.03 2.71 0.00	34.29 2.17 0.00	36.30 2.36 0.00	38.18 2.64 0.00	34.35 2.58 0.00	34.14 2.55 -1.20	31.76 2.67 -0.09	32.18 2.65 0.00	31.08 2.59 0.00	34.21 2.63 0.00	37.10 2.81 0.00	43.15 3.26 0.00	44.87 3.29 0.00	48.26 3.61 0.00	77.02 5.45 0.00	56.44 4.07 0.00	46.01 3.32 0.00	44.29 3.00 0.00	35.79 2.33 0.00
RAVENSWOOD_GT_10 24258	68.35 3.79 0.00	35.37 2.11 0.00	35.70 2.06 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.17 2.23 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.56 -0.09	32.06 2.54 0.00	30.96 2.48 0.00	34.10 2.51 0.00	36.97 2.69 0.00	43.00 3.11 0.00	44.74 3.16 0.00	48.12 3.48 0.00	76.79 5.23 0.00	56.23 3.87 0.00	45.84 3.15 0.00	44.13 2.84 0.00	35.66 2.20 0.00
RAVENSWOOD_GT_11 24259	68.35 3.79 0.00	35.37 2.11 0.00	35.70 2.06 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.17 2.23 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.56 -0.09	32.06 2.54 0.00	30.96 2.48 0.00	34.10 2.51 0.00	36.97 2.69 0.00	43.00 3.11 0.00	44.74 3.16 0.00	48.12 3.48 0.00	76.79 5.23 0.00	56.23 3.87 0.00	45.84 3.15 0.00	44.13 2.84 0.00	35.66 2.20 0.00
RAVENSWOOD_GT_4 24252	68.38 3.81 0.00	35.39 2.13 0.00	35.71 2.08 0.00	36.35 2.17 0.00	39.42 2.39 0.00	42.92 2.59 0.00	34.20 2.08 0.00	36.20 2.26 0.00	38.06 2.52 0.00	34.26 2.48 0.00	34.04 2.45 -1.20	31.67 2.58 -0.09	32.09 2.56 0.00	30.98 2.50 0.00	34.12 2.54 0.00	37.00 2.72 0.00	43.03 3.14 0.00	44.76 3.18 0.00	48.16 3.52 0.00	76.82 5.26 0.00	56.28 3.91 0.00	45.87 3.18 0.00	44.16 2.88 0.00	35.68 2.22 0.00
RAVENSWOOD_GT_5 24254	68.38 3.81 0.00	35.39 2.13 0.00	35.71 2.08 0.00	36.35 2.17 0.00	39.42 2.39 0.00	42.92 2.59 0.00	34.20 2.08 0.00	36.20 2.26 0.00	38.06 2.52 0.00	34.26 2.48 0.00	34.04 2.45 -1.20	31.67 2.58 -0.09	32.09 2.56 0.00	30.98 2.50 0.00	34.12 2.54 0.00	37.00 2.72 0.00	43.03 3.14 0.00	44.76 3.18 0.00	48.16 3.52 0.00	76.82 5.26 0.00	56.28 3.91 0.00	45.87 3.18 0.00	44.16 2.88 0.00	35.68 2.22 0.00
RAVENSWOOD_GT_6 24253	68.38 3.81 0.00	35.39 2.13 0.00	35.71 2.08 0.00	36.35 2.17 0.00	39.42 2.39 0.00	42.92 2.59 0.00	34.20 2.08 0.00	36.20 2.26 0.00	38.06 2.52 0.00	34.26 2.48 0.00	34.04 2.45 -1.20	31.67 2.58 -0.09	32.09 2.56 0.00	30.98 2.50 0.00	34.12 2.54 0.00	37.00 2.72 0.00	43.03 3.14 0.00	44.76 3.18 0.00	48.16 3.52 0.00	76.82 5.26 0.00	56.28 3.91 0.00	45.87 3.18 0.00	44.16 2.88 0.00	35.68 2.22 0.00
RAVENSWOOD_GT_7 24255	68.38 3.81 0.00	35.39 2.13 0.00	35.71 2.08 0.00	36.35 2.17 0.00	39.42 2.39 0.00	42.92 2.59 0.00	34.20 2.08 0.00	36.20 2.26 0.00	38.06 2.52 0.00	34.26 2.48 0.00	34.04 2.45 -1.20	31.67 2.58 -0.09	32.09 2.56 0.00	30.98 2.50 0.00	34.12 2.54 0.00	37.00 2.72 0.00	43.03 3.14 0.00	44.76 3.18 0.00	48.16 3.52 0.00	76.82 5.26 0.00	56.28 3.91 0.00	45.87 3.18 0.00	44.16 2.88 0.00	35.68 2.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	68.35 3.79 0.00	35.37 2.11 0.00	35.70 2.06 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.17 2.23 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.56 -0.09	32.06 2.54 0.00	30.96 2.48 0.00	34.10 2.51 0.00	36.97 2.69 0.00	43.00 3.11 0.00	44.74 3.16 0.00	48.12 3.48 0.00	76.79 5.23 0.00	56.23 3.87 0.00	45.84 3.15 0.00	44.13 2.84 0.00	35.66 2.20 0.00

RAVENSWOOD_GT_9 24257	68.35 3.79 0.00	35.37 2.11 0.00	35.70 2.06 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.89 2.57 0.00	34.18 2.06 0.00	36.17 2.23 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.56 -0.09	32.06 2.54 0.00	30.96 2.48 0.00	34.10 2.51 0.00	36.97 2.69 0.00	43.00 3.11 0.00	44.74 3.16 0.00	48.12 3.48 0.00	76.79 5.23 0.00	56.23 3.87 0.00	45.84 3.15 0.00	44.13 2.84 0.00	35.66 2.20 0.00
RAVENSWOOD___1 23533	68.50 3.93 0.00	35.42 2.16 0.00	35.74 2.11 0.00	36.38 2.20 0.00	39.47 2.44 0.00	42.95 2.63 0.00	34.24 2.11 0.00	36.24 2.31 0.00	38.13 2.58 0.00	34.30 2.53 0.00	34.08 2.49 -1.20	31.71 2.62 -0.09	32.13 2.60 0.00	31.04 2.55 0.00	34.16 2.57 0.00	37.05 2.77 0.00	43.09 3.20 0.00	44.82 3.23 0.00	48.23 3.59 0.00	76.95 5.39 0.00	56.37 4.01 0.00	45.96 3.27 0.00	44.23 2.94 0.00	35.74 2.27 0.00
RAVENSWOOD___2 23534	68.50 3.93 0.00	35.42 2.16 0.00	35.74 2.11 0.00	36.38 2.20 0.00	39.47 2.44 0.00	42.95 2.63 0.00	34.24 2.11 0.00	36.24 2.31 0.00	38.13 2.58 0.00	34.30 2.53 0.00	34.08 2.49 -1.20	31.71 2.62 -0.09	32.13 2.60 0.00	31.04 2.55 0.00	34.16 2.57 0.00	37.05 2.77 0.00	43.09 3.20 0.00	44.82 3.23 0.00	48.23 3.59 0.00	76.95 5.39 0.00	56.37 4.01 0.00	45.96 3.27 0.00	44.23 2.94 0.00	35.74 2.27 0.00
RAVENSWOOD___3 23535	68.42 3.85 0.00	35.36 2.11 0.00	35.69 2.06 0.00	36.34 2.16 0.00	39.41 2.38 0.00	42.90 2.57 0.00	34.18 2.05 0.00	36.16 2.22 0.00	38.04 2.50 0.00	34.24 2.46 0.00	34.02 2.43 -1.20	31.64 2.55 -0.09	32.06 2.54 0.00	30.97 2.48 0.00	34.09 2.51 0.00	36.97 2.69 0.00	43.00 3.11 0.00	44.74 3.16 0.00	48.14 3.49 0.00	76.82 5.26 0.00	56.24 3.88 0.00	45.86 3.17 0.00	44.13 2.85 0.00	35.66 2.20 0.00
RAVENSWOOD___4 23820	68.50 3.93 0.00	35.42 2.16 0.00	35.74 2.11 0.00	36.38 2.20 0.00	39.47 2.44 0.00	42.95 2.63 0.00	34.24 2.11 0.00	36.24 2.31 0.00	38.13 2.58 0.00	34.30 2.53 0.00	34.08 2.49 -1.20	31.71 2.62 -0.09	32.13 2.60 0.00	31.04 2.55 0.00	34.16 2.57 0.00	37.05 2.77 0.00	43.09 3.20 0.00	44.82 3.23 0.00	48.23 3.59 0.00	76.95 5.39 0.00	56.37 4.01 0.00	45.96 3.27 0.00	44.23 2.94 0.00	35.74 2.27 0.00
RCPI_TRUST___DRP 24196	68.35 3.79 0.00	35.36 2.11 0.00	35.68 2.05 0.00	36.31 2.13 0.00	39.37 2.34 0.00	42.86 2.53 0.00	34.15 2.03 0.00	36.14 2.21 0.00	38.01 2.46 0.00	34.20 2.43 0.00	33.99 2.40 -1.20	31.62 2.53 -0.09	32.04 2.51 0.00	30.94 2.46 0.00	34.08 2.50 0.00	36.94 2.66 0.00	42.97 3.09 0.00	44.71 3.12 0.00	48.09 3.44 0.00	76.73 5.17 0.00	56.19 3.82 0.00	45.80 3.11 0.00	44.10 2.81 0.00	35.63 2.17 0.00
RED___ROCHESTER 323720	40.27 -2.97 21.33	28.31 -1.60 3.35	26.43 -1.62 5.58	31.18 -1.65 1.36	35.20 -1.82 0.00	38.44 -1.89 0.00	29.33 -1.35 1.45	31.71 -1.49 0.74	29.60 -1.57 4.37	28.63 -1.55 1.60	28.49 -1.55 0.34	27.46 -1.55 -0.01	28.03 -1.50 0.00	27.04 -1.45 0.00	30.21 -1.38 0.00	32.94 -1.34 0.00	37.13 -1.76 0.99	37.18 -1.86 2.55	30.89 -2.01 11.74	44.74 -3.44 23.38	33.30 -2.48 16.58	33.59 -2.18 6.92	34.45 -1.88 4.96	31.51 -1.54 0.41
REGAN___SOLAR 323812	67.23 2.66 0.00	34.65 1.39 0.00	35.03 1.40 0.00	35.63 1.45 0.00	38.61 1.58 0.00	42.06 1.74 0.00	33.56 1.44 0.00	35.52 1.58 0.00	36.93 1.39 0.00	32.81 1.04 0.00	31.23 0.84 -0.12	29.54 0.42 0.00	29.42 -0.11 0.00	28.44 -0.05 0.00	31.53 -0.05 0.00	34.75 0.46 0.00	41.11 1.23 0.00	43.43 1.85 0.00	46.98 2.33 0.00	75.03 3.47 0.00	54.88 2.52 0.00	44.75 2.06 0.00	43.22 1.93 0.00	34.92 1.46 0.00
RENSSELAER___COGEN 23796	67.01 2.44 0.00	34.64 1.38 0.00	35.05 1.42 0.00	35.66 1.48 0.00	38.66 1.63 0.00	42.04 1.72 0.00	33.39 1.27 0.00	35.29 1.35 0.00	37.01 1.46 0.00	33.12 1.34 0.00	31.70 1.31 0.00	30.44 1.33 -0.11	30.86 1.32 0.00	29.82 1.33 0.00	32.92 1.34 0.00	35.70 1.42 0.00	41.63 1.74 0.00	43.36 1.77 0.00	46.52 1.88 0.00	74.36 2.80 0.00	54.38 2.02 0.00	44.36 1.67 0.00	42.79 1.51 0.00	34.70 1.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	70.42 5.85 0.00	36.33 3.07 0.00	36.71 3.08 0.00	37.50 3.31 0.00	40.75 3.72 0.00	44.37 4.04 0.00	35.00 2.88 0.00	37.28 3.34 0.00	39.22 3.68 0.00	35.03 3.25 0.00	33.33 2.94 0.00	31.77 2.65 -0.11	31.71 2.19 0.00	30.33 1.84 0.00	33.66 2.08 0.00	36.35 2.07 0.00	42.91 3.03 0.00	45.12 3.54 0.00	48.86 4.21 0.00	78.00 6.44 0.00	56.49 4.13 0.00	46.11 3.42 0.00	44.36 3.07 0.00	35.85 2.40 0.00
REVERE_CPPR_DRP 24186	65.76 1.19 0.00	33.86 0.60 0.00	34.25 0.61 0.00	34.88 0.70 0.00	37.76 0.73 0.00	41.13 0.81 0.00	32.77 0.65 0.00	34.67 0.73 0.00	36.04 0.50 0.00	32.30 0.53 0.00	30.89 0.51 0.00	29.07 0.07 0.00	29.52 -0.01 0.00	28.47 -0.02 0.00	31.77 0.18 0.00	34.72 0.44 0.00	40.61 0.72 0.00	42.57 0.99 0.00	45.83 1.19 0.00	73.17 1.61 0.00	53.39 1.02 0.00	43.48 0.79 0.00	42.11 0.82 0.00	33.91 0.45 0.00
REYNLDPA_13_KV_LD 356490	64.77 0.20 0.00	33.47 0.21 0.00	33.90 0.27 0.00	34.42 0.24 0.00	37.24 0.21 0.00	40.64 0.32 0.00	32.41 0.29 0.00	34.25 0.31 0.00	35.87 0.33 0.00	31.88 0.11 0.00	30.51 0.13 0.00	29.04 0.04 0.00	29.66 0.13 0.00	28.57 0.08 0.00	31.75 0.16 0.00	34.48 0.19 0.00	40.03 0.15 0.00	41.67 0.08 0.00	44.57 -0.07 0.00	71.10 -0.46 0.00	52.14 -0.22 0.00	42.64 -0.05 0.00	41.47 0.19 0.00	33.79 0.32 0.00
REYNOLDS_115KV_TB3 80639	66.98 2.41 0.00	34.65 1.39 0.00	35.06 1.42 0.00	35.66 1.48 0.00	38.67 1.64 0.00	42.04 1.72 0.00	33.37 1.25 0.00	35.27 1.32 0.00	36.99 1.45 0.00	33.11 1.34 0.00	31.71 1.32 -0.11	30.44 1.33 0.00	30.86 1.33 0.00	29.83 1.35 0.00	32.93 1.35 0.00	35.70 1.42 0.00	41.61 1.72 0.00	43.31 1.73 0.00	46.46 1.81 0.00	74.21 2.65 0.00	54.31 1.95 0.00	44.30 1.61 0.00	42.74 1.46 0.00	34.68 1.22 0.00
RIVERBAY___ 323610	70.24 5.67 0.00	36.39 3.13 0.00	36.74 3.11 0.00	37.41 3.23 0.00	40.63 3.60 0.00	44.23 3.91 0.00	35.28 3.16 0.00	37.33 3.39 0.00	39.22 3.68 0.00	35.26 3.48 0.00	35.02 3.43 -1.20	32.59 3.50 -0.09	32.99 3.46 0.00	31.87 3.38 0.00	35.06 3.47 0.00	38.04 3.76 0.00	44.23 4.34 0.00	45.99 4.40 0.00	49.46 4.82 0.00	79.02 7.45 0.00	57.84 5.48 0.00	47.12 4.43 0.00	45.39 4.10 0.00	36.71 3.25 0.00
RIVERSDE_115KV_TB3 55908	67.07 2.50 0.00	34.69 1.43 0.00	35.10 1.46 0.00	35.70 1.52 0.00	38.71 1.68 0.00	42.09 1.77 0.00	33.42 1.30 0.00	35.32 1.38 0.00	37.04 1.50 0.00	33.17 1.39 0.00	31.75 1.36 -0.11	30.48 1.37 0.00	30.90 1.37 0.00	29.86 1.37 0.00	32.97 1.39 0.00	35.76 1.47 0.00	41.68 1.79 0.00	43.40 1.82 0.00	46.56 1.92 0.00	74.37 2.80 0.00	54.41 2.05 0.00	44.38 1.69 0.00	42.82 1.54 0.00	34.74 1.28 0.00

ROARING__BROOK_WT_PWR 323790	61.38 -3.19 0.00	31.64 -1.62 0.00	32.07 -1.56 0.00	32.53 -1.65 0.00	35.27 -1.77 0.00	38.42 -1.90 0.00	30.59 -1.54 0.00	32.32 -1.62 0.00	33.83 -1.71 0.00	30.24 -1.53 0.00	29.00 -1.39 0.00	27.66 -1.34 0.00	28.11 -1.42 0.00	27.13 -1.36 0.00	30.06 -1.52 0.00	32.63 -1.66 0.00	37.97 -1.92 0.00	39.59 -1.99 0.00	42.64 -2.00 0.00	68.13 -3.43 0.00	49.81 -2.55 0.00	40.71 -1.98 0.00	39.53 -1.76 0.00	31.83 -1.63 0.00
ROCHESRG_115KV_T4 355643	40.15 -3.62 20.80	28.05 -1.96 3.26	26.23 -1.98 5.43	30.85 -2.02 1.32	34.82 -2.21 0.00	38.00 -2.32 0.00	29.00 -1.71 1.41	31.33 -1.89 0.72	29.30 -1.99 4.26	28.33 -1.89 1.56	28.19 -1.87 0.34	27.15 -1.86 -0.01	27.69 -1.84 0.00	26.74 -1.75 0.00	28.76 -1.80 1.03	32.46 -1.82 0.00	36.60 -2.32 0.97	36.66 -2.44 2.49	30.63 -2.59 11.43	44.45 -4.33 22.78	33.06 -3.14 16.16	33.29 -2.66 6.74	34.09 -2.38 4.82	31.17 -1.90 0.40
ROCHESTER_9_IC 23652	40.01 -3.20 21.36	28.15 -1.76 3.35	26.27 -1.78 5.59	31.01 -1.81 1.36	35.04 -1.99 0.00	38.25 -2.08 0.00	29.17 -1.50 1.45	31.54 -1.66 0.74	29.42 -1.74 4.38	28.46 -1.71 1.60	28.34 -1.70 0.34	27.30 -1.70 -0.01	27.86 -1.67 0.00	26.91 -1.57 0.00	30.01 -1.58 0.00	32.72 -1.56 0.00	36.88 -2.02 1.00	36.92 -2.11 2.55	30.64 -2.24 11.76	44.35 -3.80 23.42	33.00 -2.76 16.60	33.40 -2.36 6.93	34.23 -2.10 4.96	31.36 -1.69 0.41
ROCKVIEW_13_KV_LD 356306	68.45 3.88 0.00	35.41 2.15 0.00	35.70 2.06 0.00	36.33 2.15 0.00	39.39 2.36 0.00	42.87 2.55 0.00	34.15 2.03 0.00	36.14 2.20 0.00	37.99 2.45 0.00	34.20 2.43 0.00	33.97 2.38 -1.20	31.59 2.51 -0.09	32.02 2.49 0.00	30.92 2.43 0.00	34.06 2.47 0.00	36.92 2.63 0.00	42.95 3.07 0.00	44.72 3.14 0.00	48.08 3.43 0.00	76.73 5.17 0.00	56.16 3.80 0.00	45.78 3.09 0.00	44.09 2.80 0.00	35.63 2.16 0.00
ROME____115KV_TB2 80656	65.76 1.19 0.00	33.86 0.60 0.00	34.25 0.61 0.00	34.88 0.70 0.00	37.76 0.73 0.00	41.13 0.81 0.00	32.77 0.65 0.00	34.67 0.73 0.00	36.04 0.50 0.00	32.30 0.53 0.00	30.89 0.51 0.00	29.07 0.07 0.00	29.52 -0.01 0.00	28.47 -0.02 0.00	31.77 0.18 0.00	34.72 0.44 0.00	40.61 0.72 0.00	42.57 0.99 0.00	45.83 1.19 0.00	73.17 1.61 0.00	53.39 1.02 0.00	43.48 0.79 0.00	42.11 0.82 0.00	33.91 0.45 0.00
ROSETON__1 23587	67.35 2.78 0.00	34.82 1.56 0.00	35.15 1.52 0.00	35.77 1.58 0.00	38.78 1.75 0.00	42.20 1.88 0.00	33.60 1.48 0.00	35.53 1.60 0.00	37.32 1.78 0.00	33.53 1.76 0.00	32.12 1.73 0.00	30.93 1.84 -0.09	31.36 1.83 0.00	30.28 1.79 0.00	33.38 1.80 0.00	36.19 1.91 0.00	42.13 2.25 0.00	43.88 2.30 0.00	47.20 2.55 0.00	75.37 3.81 0.00	55.12 2.76 0.00	44.94 2.25 0.00	43.30 2.01 0.00	35.03 1.57 0.00
ROSETON__2 23588	67.35 2.78 0.00	34.82 1.56 0.00	35.15 1.52 0.00	35.77 1.58 0.00	38.78 1.75 0.00	42.20 1.88 0.00	33.60 1.48 0.00	35.53 1.60 0.00	37.32 1.78 0.00	33.53 1.76 0.00	32.12 1.73 0.00	30.93 1.84 -0.09	31.36 1.83 0.00	30.28 1.79 0.00	33.38 1.80 0.00	36.19 1.91 0.00	42.13 2.25 0.00	43.88 2.30 0.00	47.20 2.55 0.00	75.37 3.81 0.00	55.12 2.76 0.00	44.94 2.25 0.00	43.30 2.01 0.00	35.03 1.57 0.00
ROTRDAM_115KV_TB3 80664	66.28 1.71 0.00	34.21 0.95 0.00	34.62 0.98 0.00	35.20 1.01 0.00	38.16 1.13 0.00	41.51 1.19 0.00	33.03 0.90 0.00	34.92 0.98 0.00	36.58 1.03 0.00	32.70 0.93 0.00	31.28 0.89 -0.11	29.97 0.86 0.00	30.32 0.79 0.00	29.26 0.78 0.00	32.37 0.78 0.00	35.18 0.89 0.00	41.06 1.17 0.00	42.86 1.28 0.00	46.05 1.40 0.00	73.62 2.06 0.00	53.83 1.47 0.00	43.90 1.21 0.00	42.37 1.09 0.00	34.32 0.86 0.00
RUSSELL__1 23602	40.31 -2.93 21.33	28.30 -1.62 3.35	26.42 -1.64 5.58	31.15 -1.68 1.36	35.18 -1.84 0.00	38.41 -1.92 0.00	29.30 -1.37 1.45	31.68 -1.52 0.74	29.58 -1.59 4.37	28.59 -1.58 1.60	28.46 -1.58 0.34	27.42 -1.59 -0.01	27.99 -1.54 0.00	27.04 -1.45 0.00	30.15 -1.44 0.00	32.90 -1.38 0.00	37.09 -1.81 0.99	37.13 -1.90 2.55	30.89 -2.01 11.74	44.77 -3.41 23.38	33.30 -2.49 16.58	33.61 -2.16 6.92	34.44 -1.89 4.96	31.50 -1.55 0.41
RUSSELL__2 23532	40.31 -2.93 21.33	28.30 -1.62 3.35	26.42 -1.64 5.58	31.15 -1.68 1.36	35.18 -1.84 0.00	38.41 -1.92 0.00	29.30 -1.37 1.45	31.68 -1.52 0.74	29.58 -1.59 4.37	28.59 -1.58 1.60	28.46 -1.58 0.34	27.42 -1.59 -0.01	27.99 -1.54 0.00	27.04 -1.45 0.00	30.15 -1.44 0.00	32.90 -1.38 0.00	37.09 -1.81 0.99	37.13 -1.90 2.55	30.89 -2.01 11.74	44.77 -3.41 23.38	33.30 -2.49 16.58	33.61 -2.16 6.92	34.44 -1.89 4.96	31.50 -1.55 0.41
RUSSELL__3 23549	40.31 -2.93 21.33	28.30 -1.62 3.35	26.42 -1.64 5.58	31.15 -1.68 1.36	35.18 -1.84 0.00	38.41 -1.92 0.00	29.30 -1.37 1.45	31.68 -1.52 0.74	29.58 -1.59 4.37	28.59 -1.58 1.60	28.46 -1.58 0.34	27.42 -1.59 -0.01	27.99 -1.54 0.00	27.04 -1.45 0.00	30.15 -1.44 0.00	32.90 -1.38 0.00	37.09 -1.81 0.99	37.13 -1.90 2.55	30.89 -2.01 11.74	44.77 -3.41 23.38	33.30 -2.49 16.58	33.61 -2.16 6.92	34.44 -1.89 4.96	31.50 -1.55 0.41
RUSSELL__4 23556	40.31 -2.93 21.33	28.30 -1.62 3.35	26.42 -1.64 5.58	31.15 -1.68 1.36	35.18 -1.84 0.00	38.41 -1.92 0.00	29.30 -1.37 1.45	31.68 -1.52 0.74	29.58 -1.59 4.37	28.59 -1.58 1.60	28.46 -1.58 0.34	27.42 -1.59 -0.01	27.99 -1.54 0.00	27.04 -1.45 0.00	30.15 -1.44 0.00	32.90 -1.38 0.00	37.09 -1.81 0.99	37.13 -1.90 2.55	30.89 -2.01 11.74	44.77 -3.41 23.38	33.30 -2.49 16.58	33.61 -2.16 6.92	34.44 -1.89 4.96	31.50 -1.55 0.41
RUSSELL__STATION 23914	40.31 -2.93 21.33	28.30 -1.62 3.35	26.42 -1.64 5.58	31.15 -1.68 1.36	35.18 -1.84 0.00	38.41 -1.92 0.00	29.30 -1.37 1.45	31.68 -1.52 0.74	29.58 -1.59 4.37	28.59 -1.58 1.60	28.46 -1.58 0.34	27.42 -1.59 -0.01	27.99 -1.54 0.00	27.04 -1.45 0.00	30.15 -1.44 0.00	32.90 -1.38 0.00	37.09 -1.81 0.99	37.13 -1.90 2.55	30.89 -2.01 11.74	44.77 -3.41 23.38	33.30 -2.49 16.58	33.61 -2.16 6.92	34.44 -1.89 4.96	31.50 -1.55 0.41
S SALMON__HYD 24043	62.18 -2.39 0.00	31.96 -1.30 0.00	32.30 -1.33 0.00	32.92 -1.26 0.00	35.65 -1.39 0.00	38.90 -1.42 0.00	30.97 -1.15 0.00	32.76 -1.18 0.00	33.88 -1.66 0.00	30.28 -1.49 0.00	29.12 -1.26 0.00	27.36 -1.65 -0.01	27.62 -1.91 0.00	26.75 -1.74 0.00	30.03 -1.55 0.00	32.80 -1.48 0.00	38.45 -1.44 0.00	40.22 -1.37 0.00	43.32 -1.32 0.00	69.11 -2.45 0.00	50.39 -1.98 0.00	41.01 -1.68 0.00	39.94 -1.35 0.00	32.12 -1.34 0.00
S.PERRY__115KV_TB1 80734	37.65 -2.82 24.10	59.38 -1.72 -27.84	49.88 -1.77 -18.02	69.64 -1.79 -37.24	80.03 -1.83 -44.83	85.21 -1.84 -46.73	58.84 -1.36 -28.07	68.92 -1.41 -36.39	58.04 -1.62 -24.12	63.33 -2.00 -33.55	60.28 -2.15 -32.05	63.49 -2.11 -36.60	57.01 -2.12 -29.61	33.51 -1.90 -6.92	62.88 -1.81 -33.10	74.77 -1.61 -42.10	80.83 -1.67 -42.61	78.45 -1.51 -38.37	39.24 -1.87 3.53	35.26 -3.02 33.28	34.41 -2.24 15.71	58.11 -2.03 -17.44	44.65 -1.92 -5.28	32.27 -1.66 -0.47

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.78 -6.51 44.28	12.29 -3.55 17.41	10.40 -3.57 19.66	14.94 -3.60 15.65	18.21 -3.98 14.83	20.70 -4.18 15.44	16.15 -3.15 12.82	16.61 -3.49 13.84	13.11 -3.74 18.69	13.52 -3.24 15.01	15.85 -3.10 11.43	13.83 -3.10 12.07	16.63 -3.12 9.78	23.04 -3.16 2.29	17.21 -3.19 11.19	16.87 -3.51 13.91	18.79 -4.59 16.51	17.78 -4.89 18.91	11.79 -5.18 27.67	16.83 -8.39 46.34	11.08 -5.82 35.46	15.05 -4.89 22.75	23.21 -4.16 13.91	29.04 -3.27 1.16
SAWYER__23_KV_LOAD 55526	13.78 -6.51 44.28	12.29 -3.55 17.41	10.40 -3.57 19.66	14.94 -3.60 15.65	18.21 -3.98 14.83	20.70 -4.18 15.44	16.15 -3.15 12.82	16.61 -3.49 13.84	13.11 -3.74 18.69	13.52 -3.24 15.01	15.85 -3.10 11.43	13.83 -3.10 12.07	16.63 -3.12 9.78	23.04 -3.16 2.29	17.21 -3.19 11.19	16.87 -3.51 13.91	18.79 -4.59 16.51	17.78 -4.89 18.91	11.79 -5.18 27.67	16.83 -8.39 46.34	11.08 -5.82 35.46	15.05 -4.89 22.75	23.21 -4.16 13.91	29.04 -3.27 1.16
SELKIRK__I 23801	66.84 2.27 0.00	34.53 1.27 0.00	34.96 1.32 0.00	35.56 1.38 0.00	38.54 1.52 0.00	41.91 1.59 0.00	33.31 1.19 0.00	35.20 1.26 0.00	36.87 1.33 0.00	32.97 1.19 0.00	31.56 1.17 0.00	30.26 1.16 -0.11	30.67 1.13 0.00	29.63 1.14 0.00	32.76 1.18 0.00	35.54 1.26 0.00	41.48 1.59 0.00	43.23 1.65 0.00	46.39 1.74 0.00	74.17 2.61 0.00	54.24 1.88 0.00	44.24 1.55 0.00	42.71 1.43 0.00	34.62 1.16 0.00
SELKIRK__II 23799	66.65 2.08 0.00	34.44 1.18 0.00	34.86 1.22 0.00	35.46 1.27 0.00	38.43 1.40 0.00	41.80 1.47 0.00	33.21 1.09 0.00	35.10 1.16 0.00	36.80 1.26 0.00	32.94 1.16 0.00	31.53 1.14 0.00	30.27 1.16 -0.11	30.69 1.16 0.00	29.65 1.16 0.00	32.76 1.17 0.00	35.51 1.22 0.00	41.40 1.51 0.00	43.13 1.55 0.00	46.29 1.65 0.00	74.00 2.44 0.00	54.13 1.77 0.00	44.14 1.45 0.00	42.60 1.31 0.00	34.53 1.06 0.00
SENECA OSWGO__HYD 24041	61.89 -2.68 0.00	31.92 -1.34 0.00	32.27 -1.37 0.00	32.80 -1.38 0.00	35.52 -1.51 0.00	38.70 -1.62 0.00	30.87 -1.26 0.00	32.60 -1.33 0.00	34.07 -1.47 0.00	30.49 -1.28 0.00	29.13 -1.26 0.00	27.74 -1.26 -0.01	28.17 -1.36 0.00	27.20 -1.29 0.00	30.30 -1.29 0.00	32.93 -1.35 0.00	38.34 -1.55 0.00	40.00 -1.58 0.00	42.96 -1.68 0.00	68.72 -2.84 0.00	50.24 -2.12 0.00	40.91 -1.78 0.00	39.58 -1.71 0.00	32.05 -1.41 0.00
SENECA__115KV_TB3 355854	12.39 -5.97 46.21	12.55 -3.16 17.55	10.49 -3.18 19.96	15.42 -3.17 15.59	18.85 -3.52 14.67	21.39 -3.64 15.29	16.51 -2.74 12.87	17.15 -3.01 13.78	13.30 -3.30 18.94	13.92 -2.84 15.01	16.30 -2.72 11.36	14.32 -2.71 11.96	17.10 -2.74 9.69	23.41 -2.81 2.27	17.84 -2.67 11.08	17.51 -2.99 13.78	19.40 -4.02 16.47	18.29 -4.26 19.04	11.61 -4.59 28.45	15.87 -7.42 48.27	10.46 -5.08 36.83	15.17 -4.33 23.19	23.42 -3.64 14.23	29.42 -2.86 1.18
SENECA__ENERGY 23797	45.32 -2.67 16.58	31.37 -1.28 0.61	29.44 -1.27 2.92	34.37 -1.31 -1.50	38.62 -1.42 -3.01	41.95 -1.51 -3.14	31.91 -1.09 -0.89	34.60 -1.23 -1.90	32.69 -1.30 1.56	31.66 -1.18 -1.07	30.98 -1.30 -1.90	30.20 -1.27 -2.47	30.20 -1.32 -1.99	27.74 -1.21 -0.46	32.74 -1.05 -2.20	35.96 -1.15 -2.83	40.64 -1.41 -2.16	41.01 -1.40 -0.83	34.22 -1.49 8.93	50.02 -2.55 19.00	37.68 -1.84 12.84	37.26 -1.57 3.86	36.47 -1.53 3.30	31.99 -1.20 0.27
SHOEMAKER__GT 23640	67.00 2.44 0.00	34.63 1.37 0.00	34.96 1.33 0.00	35.57 1.38 0.00	38.55 1.53 0.00	41.97 1.64 0.00	33.43 1.31 0.00	35.35 1.41 0.00	37.11 1.56 0.00	33.31 1.53 0.00	30.98 1.51 0.91	30.67 1.59 -0.08	31.10 1.58 0.00	30.03 1.54 0.00	33.14 1.56 0.00	35.96 1.68 0.00	41.87 1.98 0.00	43.65 2.06 0.00	46.96 2.32 0.00	74.97 3.41 0.00	54.82 2.46 0.00	44.68 1.99 0.00	43.05 1.76 0.00	34.82 1.36 0.00
SHOEMAKR_138KV_BK 111 55601	66.92 2.35 0.00	34.61 1.35 0.00	34.95 1.31 0.00	35.55 1.37 0.00	38.54 1.52 0.00	41.95 1.62 0.00	33.42 1.30 0.00	35.33 1.39 0.00	37.09 1.55 0.00	33.31 1.53 0.00	31.01 1.50 0.88	30.67 1.60 -0.08	31.11 1.58 0.00	30.04 1.55 0.00	33.15 1.56 0.00	35.95 1.67 0.00	41.87 1.98 0.00	43.64 2.05 0.00	46.93 2.28 0.00	74.93 3.36 0.00	54.80 2.44 0.00	44.65 1.96 0.00	43.03 1.75 0.00	34.81 1.35 0.00
SHOREHAM_IC_1 23715	70.02 5.45 0.00	36.32 3.07 0.00	36.57 2.93 0.00	37.08 2.90 0.00	40.20 3.17 0.00	43.86 3.54 0.00	34.76 2.64 0.00	36.68 2.74 0.00	38.56 3.02 0.00	34.98 3.20 0.00	34.69 3.10 -1.20	32.17 3.08 -0.09	32.43 2.90 0.00	31.30 2.82 0.00	34.40 2.81 0.00	37.10 2.81 0.00	43.32 3.43 0.00	45.10 3.52 0.00	48.57 3.93 0.00	76.16 4.60 0.00	55.92 3.56 0.00	45.74 3.05 0.00	44.24 2.95 0.00	35.69 2.23 0.00
SHOREHAM_IC_2 23716	70.02 5.45 0.00	36.32 3.07 0.00	36.57 2.93 0.00	37.08 2.90 0.00	40.20 3.17 0.00	43.86 3.54 0.00	34.76 2.64 0.00	36.68 2.74 0.00	38.56 3.02 0.00	34.98 3.20 0.00	34.69 3.10 -1.20	32.17 3.08 -0.09	32.43 2.90 0.00	31.30 2.82 0.00	34.40 2.81 0.00	37.10 2.81 0.00	43.32 3.43 0.00	45.10 3.52 0.00	48.57 3.93 0.00	76.16 4.60 0.00	55.92 3.56 0.00	45.74 3.05 0.00	44.24 2.95 0.00	35.69 2.23 0.00
SISSONVILLE__ 23735	65.00 0.43 0.00	33.51 0.26 0.00	33.82 0.18 0.00	34.33 0.15 0.00	37.11 0.08 0.00	40.51 0.19 0.00	32.28 0.16 0.00	34.14 0.19 0.00	35.67 0.13 0.00	31.56 -0.21 0.00	30.22 -0.17 0.00	28.54 -0.45 0.00	29.12 -0.41 0.00	28.16 -0.33 0.00	31.40 -0.19 0.00	34.13 -0.16 0.00	39.77 -0.11 0.00	41.31 -0.27 0.00	44.07 -0.58 0.00	70.49 -1.07 0.00	51.69 -0.68 0.00	42.45 -0.24 0.00	41.41 0.12 0.00	33.60 0.14 0.00
SITHE_IND_GS1 24169	61.80 -2.77 0.00	31.89 -1.37 0.00	32.24 -1.39 0.00	32.76 -1.42 0.00	35.49 -1.54 0.00	38.66 -1.67 0.00	30.84 -1.29 0.00	32.55 -1.39 0.00	34.06 -1.49 0.00	30.43 -1.34 0.00	29.07 -1.32 0.00	27.72 -1.28 -0.01	28.20 -1.33 0.00	27.22 -1.27 0.00	30.26 -1.32 0.00	32.87 -1.42 0.00	38.22 -1.67 0.00	39.86 -1.72 0.00	42.79 -1.86 0.00	68.44 -3.12 0.00	50.06 -2.30 0.00	40.80 -1.89 0.00	39.49 -1.79 0.00	32.00 -1.46 0.00
SITHE_IND_GS2 24170	61.80 -2.77 0.00	31.89 -1.37 0.00	32.24 -1.39 0.00	32.76 -1.42 0.00	35.49 -1.54 0.00	38.66 -1.67 0.00	30.84 -1.29 0.00	32.55 -1.39 0.00	34.06 -1.49 0.00	30.43 -1.34 0.00	29.07 -1.32 0.00	27.72 -1.28 -0.01	28.20 -1.33 0.00	27.22 -1.27 0.00	30.26 -1.32 0.00	32.87 -1.42 0.00	38.22 -1.67 0.00	39.86 -1.72 0.00	42.79 -1.86 0.00	68.44 -3.12 0.00	50.06 -2.30 0.00	40.80 -1.89 0.00	39.49 -1.79 0.00	32.00 -1.46 0.00
SITHE_IND_GS3 24171	61.80 -2.77 0.00	31.89 -1.37 0.00	32.24 -1.39 0.00	32.76 -1.42 0.00	35.49 -1.54 0.00	38.66 -1.67 0.00	30.84 -1.29 0.00	32.55 -1.39 0.00	34.06 -1.49 0.00	30.43 -1.34 0.00	29.07 -1.32 0.00	27.72 -1.28 -0.01	28.20 -1.33 0.00	27.22 -1.27 0.00	30.26 -1.32 0.00	32.87 -1.42 0.00	38.22 -1.67 0.00	39.86 -1.72 0.00	42.79 -1.86 0.00	68.44 -3.12 0.00	50.06 -2.30 0.00	40.80 -1.89 0.00	39.49 -1.79 0.00	32.00 -1.46 0.00

SITHE_IND_GS4 24172	61.80 -2.77 0.00	31.89 -1.37 0.00	32.24 -1.39 0.00	32.76 -1.42 0.00	35.49 -1.54 0.00	38.66 -1.67 0.00	30.84 -1.29 0.00	32.55 -1.39 0.00	34.06 -1.49 0.00	30.43 -1.34 0.00	29.07 -1.32 0.00	27.72 -1.28 -0.01	28.20 -1.33 0.00	27.22 -1.27 0.00	30.26 -1.32 0.00	32.87 -1.42 0.00	38.22 -1.67 0.00	39.86 -1.72 0.00	42.79 -1.86 0.00	68.44 -3.12 0.00	50.06 -2.30 0.00	40.80 -1.89 0.00	39.49 -1.79 0.00	32.00 -1.46 0.00
SITHE__BATAVIA 24024	27.66 -4.10 32.81	20.52 -2.24 10.49	18.68 -2.25 12.70	23.27 -2.28 8.64	26.91 -2.54 7.58	29.81 -2.62 7.90	23.00 -1.87 7.25	24.42 -2.10 7.43	21.71 -2.19 11.64	20.89 -2.45 8.43	21.95 -2.42 6.01	20.32 -2.51 6.17	22.04 -2.49 5.00	24.81 -2.51 1.17	23.64 -2.14 5.81	24.84 -2.33 7.11	27.88 -3.10 8.92	27.49 -3.21 10.89	21.62 -3.29 19.73	31.20 -5.54 34.82	22.70 -3.69 25.98	24.55 -3.24 14.90	29.18 -2.64 9.47	30.46 -2.22 0.79
SITHE__INDEPEND 23800	61.82 -2.75 0.00	31.89 -1.37 0.00	32.24 -1.39 0.00	32.76 -1.42 0.00	35.49 -1.54 0.00	38.66 -1.66 0.00	30.83 -1.29 0.00	32.55 -1.39 0.00	34.05 -1.49 0.00	30.43 -1.34 0.00	29.07 -1.32 0.00	27.72 -1.28 -0.01	28.20 -1.33 0.00	27.22 -1.27 0.00	30.26 -1.32 0.00	32.86 -1.42 0.00	38.22 -1.67 0.00	39.86 -1.72 0.00	42.79 -1.85 0.00	68.44 -3.13 0.00	50.07 -2.29 0.00	40.80 -1.89 0.00	39.49 -1.79 0.00	32.00 -1.46 0.00
SITHE__MASSENA 23902	65.19 0.63 0.00	33.62 0.36 0.00	33.94 0.31 0.00	34.42 0.24 0.00	37.25 0.22 0.00	40.65 0.33 0.00	32.42 0.30 0.00	34.26 0.32 0.00	35.86 0.32 0.00	31.83 0.06 0.00	30.47 0.08 0.00	28.95 -0.04 0.00	29.58 0.05 0.00	28.50 0.02 0.00	31.71 0.12 0.00	34.42 0.14 0.00	40.01 0.12 0.00	41.64 0.05 0.00	44.55 -0.10 0.00	71.42 -0.15 0.00	52.40 0.03 0.00	42.79 0.10 0.00	41.58 0.29 0.00	33.80 0.33 0.00
SITHE__OGDNSBRG 24021	66.21 1.64 0.00	34.13 0.87 0.00	34.46 0.82 0.00	34.95 0.77 0.00	37.80 0.77 0.00	41.27 0.95 0.00	32.95 0.83 0.00	34.80 0.86 0.00	36.31 0.77 0.00	31.98 0.21 0.00	30.60 0.21 0.00	28.90 -0.09 0.00	29.55 0.02 0.00	28.54 0.05 0.00	31.83 0.24 0.00	34.59 0.31 0.00	40.48 0.59 0.00	42.19 0.61 0.00	45.14 0.50 0.00	72.35 0.78 0.00	53.05 0.69 0.00	43.40 0.71 0.00	42.23 0.94 0.00	34.29 0.83 0.00
SITHE__STERLING 23777	65.21 0.64 0.00	33.62 0.36 0.00	34.01 0.38 0.00	34.60 0.42 0.00	37.49 0.46 0.00	40.84 0.52 0.00	32.54 0.42 0.00	34.41 0.47 0.00	35.85 0.30 0.00	32.11 0.34 0.00	30.69 0.30 0.00	28.99 -0.01 0.00	29.48 -0.05 0.00	28.39 -0.10 0.00	31.63 0.04 0.00	34.53 0.25 0.00	40.31 0.42 0.00	42.21 0.62 0.00	45.39 0.75 0.00	72.52 0.96 0.00	52.97 0.61 0.00	43.14 0.45 0.00	41.73 0.44 0.00	33.67 0.21 0.00
SLEIGHT__34_KV_TB1 80719	44.14 -3.01 17.42	28.89 -1.60 2.77	27.41 -1.60 4.63	31.47 -1.59 1.12	35.27 -1.76 0.00	38.48 -1.85 0.00	29.59 -1.36 1.18	31.83 -1.50 0.61	30.38 -1.55 3.61	28.97 -1.47 1.32	28.47 -1.63 0.29	27.36 -1.65 -0.01	27.86 -1.67 0.00	26.99 -1.50 0.00	30.19 -1.40 0.00	32.82 -1.46 0.00	37.33 -1.75 0.81	37.74 -1.77 2.07	33.02 -1.89 9.74	49.06 -3.29 19.21	36.38 -2.39 13.59	34.95 -2.04 5.71	35.31 -1.87 4.10	31.60 -1.52 0.34
SMITHTWN_69_KV_BK 1 55830	69.45 4.88 0.00	36.03 2.77 0.00	36.28 2.65 0.00	36.90 2.72 0.00	40.02 2.99 0.00	43.63 3.31 0.00	34.64 2.52 0.00	36.58 2.64 0.00	38.46 2.92 0.00	34.89 3.12 0.00	34.64 3.06 -1.20	32.14 3.05 -0.09	32.45 2.92 0.00	31.32 2.84 0.00	34.43 2.85 0.00	37.15 2.87 0.00	43.32 3.43 0.00	45.16 3.57 0.00	48.62 3.98 0.00	76.88 5.32 0.00	56.41 4.05 0.00	46.17 3.48 0.00	44.57 3.28 0.00	35.94 2.47 0.00
SOUTH CAIRO__GT 23612	69.32 4.75 0.00	35.79 2.53 0.00	36.21 2.57 0.00	36.83 2.65 0.00	39.92 2.89 0.00	43.48 3.16 0.00	34.60 2.48 0.00	36.62 2.68 0.00	38.37 2.83 0.00	34.19 2.41 0.00	32.74 2.36 0.00	31.29 2.19 -0.10	31.46 1.93 0.00	30.37 1.88 0.00	33.57 1.98 0.00	36.48 2.20 0.00	42.98 3.09 0.00	45.08 3.50 0.00	48.49 3.85 0.00	77.44 5.88 0.00	56.55 4.18 0.00	45.99 3.30 0.00	44.31 3.03 0.00	35.85 2.39 0.00
SOUTH HAMPTN__IC 23720	70.48 5.92 0.00	36.61 3.35 0.00	36.89 3.25 0.00	37.43 3.24 0.00	40.61 3.58 0.00	44.31 3.99 0.00	35.09 2.97 0.00	36.98 3.03 0.00	38.66 3.12 0.00	35.07 3.30 0.00	34.74 3.16 -1.20	32.19 3.10 -0.09	32.39 2.86 0.00	31.26 2.77 0.00	34.37 2.78 0.00	37.02 2.74 0.00	43.29 3.40 0.00	45.04 3.46 0.00	48.51 3.86 0.00	76.13 4.57 0.00	55.89 3.52 0.00	45.69 3.00 0.00	44.15 2.87 0.00	35.60 2.14 0.00
SOUTHDOWN_115KV_TB1 355954	11.58 -5.59 47.41	16.75 -3.10 13.41	14.01 -2.97 16.65	21.11 -2.78 10.29	25.28 -3.17 8.58	28.20 -2.94 9.19	20.63 -2.34 9.15	22.29 -2.69 8.96	17.18 -3.14 15.22	18.56 -2.79 10.42	20.65 -2.57 7.17	19.25 -2.50 7.24	21.18 -2.47 5.87	32.12 -2.54 -6.17	22.45 -2.37 6.77	23.35 -2.58 8.35	25.46 -3.54 10.89	24.30 -3.35 13.93	13.83 -3.84 26.98	15.54 -6.25 49.78	11.84 -4.35 36.18	20.10 -3.94 18.65	25.19 -3.33 12.77	29.73 -2.68 1.06
SOUTHOLD_69_KV_BK 2 55809	70.90 6.33 0.00	36.95 3.70 0.00	37.29 3.66 0.00	37.85 3.67 0.00	41.10 4.07 0.00	44.87 4.55 0.00	35.51 3.38 0.00	37.35 3.41 0.00	38.77 3.22 0.00	35.18 3.41 -1.20	34.84 3.25 -0.09	32.22 3.14 0.00	32.35 2.82 0.00	31.21 2.72 0.00	34.34 2.75 0.00	36.92 2.63 0.00	43.23 3.34 0.00	44.96 3.38 0.00	48.42 3.78 0.00	75.92 4.36 0.00	55.72 3.35 0.00	45.53 2.84 0.00	44.00 2.72 0.00	35.45 1.99 0.00
SOUTHOLD__IC 23719	71.06 6.49 0.00	36.95 3.70 0.00	37.29 3.65 0.00	37.84 3.66 0.00	41.10 4.07 0.00	44.87 4.54 0.00	35.49 3.37 0.00	37.32 3.38 0.00	38.77 3.23 0.00	35.17 3.40 -1.20	34.82 3.24 -0.09	32.22 3.13 0.00	32.35 2.82 0.00	31.21 2.72 0.00	34.32 2.74 0.00	36.91 2.63 0.00	43.22 3.33 0.00	44.96 3.37 0.00	48.43 3.78 0.00	75.97 4.41 0.00	55.75 3.39 0.00	45.56 2.87 0.00	44.01 2.72 0.00	35.45 1.99 0.00
SOUTH_FORK_WT_PWR 323839	70.88 6.31 0.00	36.92 3.66 0.00	37.30 3.67 0.00	37.85 3.67 0.00	41.14 4.11 0.00	44.92 4.60 0.00	35.49 3.37 0.00	37.22 3.28 0.00	38.44 2.90 0.00	34.87 3.10 -1.20	34.51 2.93 -0.09	31.90 2.82 0.00	31.98 2.45 0.00	30.83 2.35 0.00	33.91 2.32 0.00	36.40 2.11 0.00	42.69 2.80 0.00	44.35 2.77 0.00	47.75 3.11 0.00	74.89 3.32 0.00	54.95 2.59 0.00	44.90 2.21 0.00	43.37 2.09 0.00	34.94 1.48 0.00
SPIERFLS_115KV_TB 1 80737	67.40 2.83 0.00	34.77 1.51 0.00	35.17 1.54 0.00	35.80 1.62 0.00	38.87 1.84 0.00	42.28 1.96 0.00	33.57 1.45 0.00	35.59 1.65 0.00	37.34 1.80 0.00	33.40 1.62 0.00	31.90 1.51 0.00	30.52 1.41 -0.11	30.70 1.17 0.00	29.55 1.06 0.00	32.72 1.14 0.00	35.62 1.33 0.00	41.71 1.83 0.00	43.68 2.10 0.00	46.96 2.31 0.00	75.02 3.45 0.00	54.69 2.32 0.00	44.58 1.89 0.00	42.96 1.67 0.00	34.78 1.32 0.00

ST LAWRENCE____ 23600	64.60 0.03 0.00	33.25 -0.01 0.00	33.59 -0.04 0.00	34.08 -0.11 0.00	36.85 -0.18 0.00	40.23 -0.10 0.00	32.06 -0.06 0.00	33.88 -0.06 0.00	35.49 -0.06 0.00	31.57 -0.21 0.00	30.21 -0.18 0.00	28.75 -0.25 0.00	29.38 -0.16 0.00	28.28 -0.21 0.00	31.42 -0.16 0.00	34.11 -0.18 0.00	39.61 -0.28 0.00	41.23 -0.36 0.00	44.15 -0.49 0.00	70.89 -0.67 0.00	51.96 -0.41 0.00	42.39 -0.30 0.00	41.12 -0.16 0.00	33.44 -0.02 0.00
STATE_CA_115KV_115_LB 55624	67.29 2.72 0.00	34.78 1.52 0.00	35.19 1.55 0.00	35.80 1.62 0.00	38.81 1.78 0.00	42.21 1.89 0.00	33.53 1.41 0.00	35.44 1.50 0.00	37.18 1.63 0.00	33.27 1.49 0.00	31.84 1.45 0.00	30.57 1.47 -0.11	30.97 1.44 0.00	29.93 1.44 0.00	33.07 1.48 0.00	35.88 1.60 0.00	41.83 1.94 0.00	43.57 1.99 0.00	46.74 2.10 0.00	74.70 3.14 0.00	54.64 2.27 0.00	44.54 1.85 0.00	42.99 1.70 0.00	34.85 1.39 0.00
STATE_ST_34_KV_LOAD 55959	50.54 -1.31 12.72	30.51 -0.64 2.11	29.56 -0.55 3.52	32.74 -0.59 0.86	36.46 -0.57 0.00	39.74 -0.59 0.00	30.84 -0.43 0.85	32.92 -0.55 0.47	32.29 -0.55 2.71	30.18 -0.59 1.01	29.50 -0.67 0.22	28.29 -0.72 -0.01	28.71 -0.82 0.00	27.78 -0.70 0.00	31.11 -0.48 0.00	33.83 -0.45 0.00	38.79 -0.51 0.59	39.63 -0.47 1.49	36.69 -0.54 7.41	56.06 -1.23 14.27	41.40 -0.93 10.03	37.72 -0.69 4.29	37.50 -0.67 3.11	32.67 -0.54 0.26
STATION_5_MISC_HYD 23604	39.93 -3.28 21.36	28.18 -1.74 3.35	26.29 -1.75 5.59	31.04 -1.78 1.36	35.05 -1.97 0.00	38.27 -2.05 0.00	29.19 -1.48 1.45	31.56 -1.64 0.74	29.44 -1.72 4.38	28.50 -1.67 1.60	28.37 -1.68 0.34	27.34 -1.67 -0.01	27.90 -1.63 0.00	26.92 -1.57 0.00	30.06 -1.53 0.00	32.77 -1.52 0.00	36.91 -1.98 1.00	36.96 -2.07 2.55	30.64 -2.24 11.76	44.34 -3.81 23.42	33.01 -2.75 16.60	33.38 -2.38 6.93	34.25 -2.08 4.96	31.36 -1.69 0.41
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.34 -2.81 20.42	28.50 -1.48 3.28	26.67 -1.49 5.47	31.32 -1.53 1.33	35.35 -1.68 0.00	38.56 -1.76 0.00	29.48 -1.26 1.38	31.82 -1.40 0.72	29.83 -1.46 4.25	28.79 -1.42 1.57	28.54 -1.51 0.34	27.50 -1.51 -0.01	28.02 -1.51 0.00	27.11 -1.38 0.00	30.29 -1.30 0.00	32.91 -1.37 0.00	37.27 -1.67 0.95	37.47 -1.70 2.42	31.33 -1.80 11.52	45.92 -3.04 22.60	34.17 -2.22 15.97	34.03 -1.93 6.73	34.66 -1.77 4.85	31.63 -1.43 0.40
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.30 -3.49 20.78	28.10 -1.89 3.27	26.27 -1.91 5.46	30.91 -1.95 1.32	34.89 -2.14 0.00	38.08 -2.24 0.00	29.07 -1.64 1.41	31.42 -1.80 0.72	29.39 -1.89 4.27	28.39 -1.82 1.56	28.23 -1.82 0.34	27.20 -1.81 -0.01	27.75 -1.78 0.00	26.81 -1.68 0.00	29.91 -1.68 0.00	32.58 -1.70 0.00	36.75 -2.17 0.97	36.83 -2.27 2.48	30.75 -2.42 11.48	44.68 -4.08 22.81	33.24 -2.96 16.16	33.41 -2.52 6.76	34.18 -2.26 4.84	31.24 -1.83 0.40
STA_56____34_KV_BUS2 355983	40.30 -3.49 20.78	28.10 -1.89 3.27	26.27 -1.91 5.46	30.91 -1.95 1.32	34.89 -2.14 0.00	38.08 -2.24 0.00	29.07 -1.64 1.41	31.42 -1.80 0.72	29.39 -1.89 4.27	28.39 -1.82 1.56	28.23 -1.82 0.34	27.20 -1.81 -0.01	27.75 -1.78 0.00	26.81 -1.68 0.00	29.91 -1.68 0.00	32.58 -1.70 0.00	36.75 -2.17 0.97	36.83 -2.27 2.48	30.75 -2.42 11.48	44.68 -4.08 22.81	33.24 -2.96 16.16	33.41 -2.52 6.76	34.18 -2.26 4.84	31.24 -1.83 0.40
STA_67____115KV_BK2 355882	39.90 -3.32 21.34	28.10 -1.81 3.35	26.23 -1.82 5.59	30.96 -1.87 1.36	34.97 -2.06 0.00	38.17 -2.15 0.00	29.11 -1.56 1.45	31.48 -1.72 0.74	29.36 -1.81 4.38	28.41 -1.77 1.60	28.29 -1.75 0.34	27.26 -1.75 -0.01	27.81 -1.72 0.00	26.86 -1.63 0.00	29.94 -1.64 0.00	32.65 -1.63 0.00	36.79 -2.10 0.99	36.83 -2.20 2.55	30.55 -2.34 11.75	44.22 -3.95 23.40	32.91 -2.86 16.59	33.32 -2.45 6.92	34.15 -2.17 4.96	31.30 -1.75 0.41
STA_7____115KV_9TRANS 80674	40.31 -2.93 21.33	28.30 -1.62 3.35	26.42 -1.64 5.58	31.15 -1.68 1.36	35.18 -1.84 0.00	38.41 -1.92 0.00	29.30 -1.37 1.45	31.68 -1.52 0.74	29.58 -1.59 4.37	28.59 -1.58 1.60	28.46 -1.58 0.34	27.42 -1.59 -0.01	27.99 -1.54 0.00	27.04 -1.45 0.00	30.15 -1.44 0.00	32.90 -1.38 0.00	37.09 -1.81 0.99	37.13 -1.90 2.55	30.89 -2.01 11.74	44.77 -3.41 23.38	33.30 -2.49 16.58	33.61 -2.16 6.92	34.44 -1.89 4.96	31.50 -1.55 0.41
STA_82____115KV_TB1 80780	39.69 -3.38 21.49	28.05 -1.84 3.37	26.15 -1.85 5.63	30.92 -1.90 1.37	34.94 -2.09 0.00	38.14 -2.18 0.00	29.08 -1.59 1.46	31.44 -1.75 0.75	29.29 -1.84 4.41	28.37 -1.79 1.61	28.26 -1.78 0.35	27.23 -1.78 -0.01	27.78 -1.75 0.00	26.83 -1.66 0.00	29.91 -1.67 0.00	32.60 -1.68 0.00	36.74 -2.14 1.00	36.77 -2.25 2.57	30.40 -2.40 11.84	43.98 -4.02 23.57	32.74 -2.91 16.71	33.23 -2.49 6.98	34.08 -2.21 5.00	31.28 -1.77 0.41
STEEL____WIND 323596	12.27 -6.08 46.21	12.48 -3.23 17.55	10.44 -3.23 19.96	15.37 -3.23 15.59	18.78 -3.58 14.67	21.34 -3.69 15.29	16.44 -2.81 12.87	17.09 -3.07 13.78	13.24 -3.36 18.94	13.88 -2.88 15.01	16.25 -2.78 11.36	14.27 -2.76 11.96	17.03 -2.80 9.69	23.36 -2.86 2.27	17.78 -2.73 11.08	17.45 -3.05 13.78	19.33 -4.09 16.47	18.22 -4.33 19.04	11.52 -4.67 28.45	15.74 -7.55 48.27	10.35 -5.18 36.83	15.09 -4.41 23.19	23.33 -3.72 14.23	29.36 -2.92 1.18
STEPHTWN_115KV_BK_2 55603	67.63 3.06 0.00	34.97 1.71 0.00	35.38 1.74 0.00	35.99 1.81 0.00	39.02 1.99 0.00	42.44 2.12 0.00	33.73 1.61 0.00	35.66 1.72 0.00	37.41 1.87 0.00	33.48 1.71 0.00	32.05 1.66 0.00	30.75 1.65 -0.11	31.15 1.62 0.00	30.07 1.58 0.00	33.20 1.62 0.00	36.05 1.77 0.00	42.07 2.19 0.00	43.86 2.28 0.00	47.07 2.43 0.00	75.23 3.67 0.00	54.98 2.62 0.00	44.80 2.11 0.00	43.20 1.92 0.00	35.02 1.55 0.00
STEBEN_REC_LFGE 323667	-0.01 -5.51 59.07	40.32 -3.35 -10.41	29.35 -3.48 0.81	51.54 -3.48 -20.84	62.37 -3.34 -28.68	66.71 -3.51 -29.89	44.25 -2.94 -15.06	52.60 -2.98 -21.64	38.32 -3.22 -6.01	46.69 -3.01 -17.93	46.89 -3.23 -19.73	49.20 -3.22 -23.42	45.16 -3.32 -18.95	30.19 -3.07 -4.78	50.04 -2.72 -21.17	58.13 -3.08 -26.93	61.70 -3.41 -25.22	57.97 -3.09 -19.48	12.22 -4.21 28.21	-5.40 -6.30 70.66	2.90 -4.85 44.62	34.93 -4.09 3.68	29.85 -3.95 7.49	29.58 -3.27 0.61
STILLWATER____SOLAR 323814	67.60 3.03 0.00	34.89 1.64 0.00	35.29 1.66 0.00	35.90 1.71 0.00	38.94 1.91 0.00	42.37 2.04 0.00	33.67 1.55 0.00	35.64 1.69 0.00	37.34 1.80 0.00	33.39 1.62 0.00	31.91 1.52 0.00	30.57 1.46 -0.11	30.84 1.31 0.00	29.72 1.24 0.00	32.88 1.29 0.00	35.78 1.50 0.00	41.85 1.96 0.00	43.74 2.16 0.00	46.96 2.31 0.00	75.04 3.48 0.00	54.79 2.43 0.00	44.70 2.00 0.00	43.09 1.80 0.00	34.89 1.43 0.00
STONY____BROOK 24151	69.53 4.96 0.00	35.99 2.73 0.00	36.25 2.62 0.00	36.84 2.66 0.00	39.97 2.93 0.00	43.58 3.26 0.00	34.59 2.47 0.00	36.52 2.58 0.00	38.42 2.88 0.00	34.85 3.07 0.00	34.59 3.01 -1.20	32.10 3.01 -0.09	32.40 2.87 0.00	31.28 2.79 0.00	34.37 2.78 0.00	37.11 2.82 0.00	43.26 3.37 0.00	45.08 3.49 0.00	48.56 3.91 0.00	76.74 5.18 0.00	56.32 3.95 0.00	46.09 3.40 0.00	44.47 3.19 0.00	35.86 2.40 0.00

STURGEON_POOL_HYD 23609	67.50 2.93 0.00	34.91 1.65 0.00	35.26 1.62 0.00	35.87 1.69 0.00	38.89 1.86 0.00	42.32 1.99 0.00	33.70 1.58 0.00	35.65 1.71 0.00	37.45 1.91 0.00	33.63 1.86 0.00	32.20 1.82 0.00	31.00 1.92 -0.09	31.46 1.93 0.00	30.36 1.87 0.00	33.48 1.89 0.00	36.25 1.97 0.00	42.26 2.37 0.00	44.05 2.46 0.00	47.40 2.75 0.00	75.69 4.13 0.00	55.33 2.96 0.00	45.07 2.37 0.00	43.42 2.14 0.00	35.11 1.65 0.00
ST_LAW_115_BK7_LBMP 345037	64.64 0.07 0.00	33.28 0.02 0.00	33.61 -0.02 0.00	34.09 -0.09 0.00	36.88 -0.15 0.00	40.26 -0.06 0.00	32.09 -0.03 0.00	33.91 -0.03 0.00	35.52 -0.02 0.00	31.58 -0.19 0.00	30.22 -0.17 0.00	28.76 -0.24 0.00	29.38 -0.15 0.00	28.29 -0.20 0.00	31.43 -0.15 0.00	34.13 -0.15 0.00	39.62 -0.27 0.00	41.24 -0.35 0.00	44.15 -0.49 0.00	70.89 -0.68 0.00	51.98 -0.39 0.00	42.40 -0.29 0.00	41.15 -0.13 0.00	33.47 0.01 0.00
ST_LAW_115_BK8_LBMP 345038	64.64 0.07 0.00	33.28 0.02 0.00	33.61 -0.02 0.00	34.09 -0.09 0.00	36.88 -0.15 0.00	40.26 -0.06 0.00	32.09 -0.03 0.00	33.91 -0.03 0.00	35.52 -0.02 0.00	31.58 -0.19 0.00	30.22 -0.17 0.00	28.76 -0.24 0.00	29.38 -0.15 0.00	28.29 -0.20 0.00	31.43 -0.15 0.00	34.13 -0.15 0.00	39.62 -0.27 0.00	41.24 -0.35 0.00	44.15 -0.49 0.00	70.89 -0.68 0.00	51.98 -0.39 0.00	42.40 -0.29 0.00	41.15 -0.13 0.00	33.47 0.01 0.00
ST_LAW_230_BK5_LBMP 345035	64.60 0.03 0.00	33.25 -0.01 0.00	33.59 -0.04 0.00	34.08 -0.11 0.00	36.85 -0.18 0.00	40.23 -0.10 0.00	32.06 -0.06 0.00	33.88 -0.06 0.00	35.49 -0.06 0.00	31.57 -0.21 0.00	30.21 -0.18 0.00	28.75 -0.25 0.00	29.38 -0.16 0.00	28.28 -0.21 0.00	31.42 -0.16 0.00	34.11 -0.18 0.00	39.61 -0.28 0.00	41.23 -0.36 0.00	44.15 -0.49 0.00	70.89 -0.67 0.00	51.96 -0.41 0.00	42.39 -0.30 0.00	41.12 -0.16 0.00	33.44 -0.02 0.00
ST_LAW_230_BK6_LBMP 345036	64.60 0.03 0.00	33.25 -0.01 0.00	33.59 -0.04 0.00	34.08 -0.11 0.00	36.85 -0.18 0.00	40.23 -0.10 0.00	32.06 -0.06 0.00	33.88 -0.06 0.00	35.49 -0.06 0.00	31.57 -0.21 0.00	30.21 -0.18 0.00	28.75 -0.25 0.00	29.38 -0.16 0.00	28.28 -0.21 0.00	31.42 -0.16 0.00	34.11 -0.18 0.00	39.61 -0.28 0.00	41.23 -0.36 0.00	44.15 -0.49 0.00	70.89 -0.67 0.00	51.96 -0.41 0.00	42.39 -0.30 0.00	41.12 -0.16 0.00	33.44 -0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	67.24 2.67 0.00	34.77 1.51 0.00	35.10 1.47 0.00	35.71 1.53 0.00	38.72 1.69 0.00	42.15 1.82 0.00	33.57 1.45 0.00	35.51 1.57 0.00	37.29 1.74 0.00	33.50 1.73 0.00	31.06 1.69 1.02	30.90 1.82 -0.08	31.33 1.80 0.00	30.25 1.76 0.00	33.36 1.77 0.00	36.19 1.91 0.00	42.12 2.23 0.00	43.89 2.31 0.00	47.22 2.58 0.00	75.36 3.79 0.00	55.11 2.75 0.00	44.90 2.21 0.00	43.26 1.97 0.00	34.98 1.52 0.00
SWANROAD_115KV_TB1 355699	17.66 -7.05 39.86	14.98 -3.84 14.43	13.07 -3.86 16.70	17.68 -3.93 12.58	21.05 -4.35 11.63	23.61 -4.59 12.12	18.25 -3.45 10.41	19.08 -3.83 11.03	15.81 -4.05 15.69	16.06 -3.57 12.15	17.93 -3.41 9.06	16.09 -3.44 9.47	18.36 -3.49 7.68	22.89 -3.80 1.80	19.13 -3.63 8.82	19.32 -4.04 10.92	21.31 -5.38 13.20	20.33 -5.79 15.46	14.29 -5.95 24.40	19.87 -9.83 41.87	14.20 -6.52 31.64	17.84 -5.44 19.41	24.67 -4.56 12.06	28.67 -3.79 1.00
SYNERGY__BIOGAS 323694	27.77 -3.99 32.81	20.49 -2.27 10.49	18.64 -2.29 12.70	23.22 -2.32 8.64	26.87 -2.58 7.58	29.77 -2.66 7.90	22.97 -1.91 7.25	24.38 -2.14 7.43	21.67 -2.23 11.64	20.83 -2.51 8.43	21.91 -2.47 6.01	20.24 -2.59 6.17	22.00 -2.53 5.00	24.80 -2.51 1.17	23.55 -2.23 5.81	24.77 -2.41 7.11	27.82 -3.15 8.92	27.43 -3.27 10.89	21.66 -3.26 19.73	31.27 -5.47 34.82	22.68 -3.70 25.98	24.59 -3.20 14.90	29.18 -2.64 9.47	30.47 -2.21 0.79
SYRACUSE__ENERGY_ST1 323597	61.15 -1.40 2.02	31.47 -0.69 1.10	31.13 -0.68 1.83	33.04 -0.70 0.44	36.29 -0.74 0.00	39.53 -0.79 0.00	31.50 -0.59 0.04	33.05 -0.65 0.24	33.73 -0.72 1.09	30.61 -0.64 0.52	29.59 -0.69 0.11	28.29 -0.72 -0.01	28.76 -0.76 0.00	27.78 -0.70 0.00	30.97 -0.61 0.00	33.66 -0.62 0.00	39.08 -0.73 0.08	40.85 -0.70 0.03	40.03 -0.77 3.84	65.73 -1.46 4.37	48.74 -1.10 2.52	40.07 -0.92 1.69	38.87 -0.91 1.51	32.58 -0.75 0.13
SYRACUSE__ENERGY_ST2 323598	61.15 -1.40 2.02	31.47 -0.69 1.10	31.13 -0.68 1.83	33.04 -0.70 0.44	36.29 -0.74 0.00	39.53 -0.79 0.00	31.50 -0.59 0.04	33.05 -0.65 0.24	33.73 -0.72 1.09	30.61 -0.64 0.52	29.59 -0.69 0.11	28.29 -0.72 -0.01	28.76 -0.76 0.00	27.78 -0.70 0.00	30.97 -0.61 0.00	33.66 -0.62 0.00	39.08 -0.73 0.08	40.85 -0.70 0.03	40.03 -0.77 3.84	65.73 -1.46 4.37	48.74 -1.10 2.52	40.07 -0.92 1.69	38.87 -0.91 1.51	32.58 -0.75 0.13
SYRACUSE__POWER 24017	63.22 -1.35 0.00	32.59 -0.67 0.00	32.96 -0.67 0.00	33.50 -0.69 0.00	36.30 -0.73 0.00	39.54 -0.79 0.00	31.54 -0.58 0.00	33.31 -0.63 0.00	34.82 -0.72 0.00	31.15 -0.62 0.00	29.72 -0.67 0.00	28.31 -0.69 -0.01	28.79 -0.74 0.00	27.79 -0.70 0.00	30.97 -0.62 0.00	33.66 -0.62 0.00	39.16 -0.73 0.00	40.89 -0.69 0.00	43.89 -0.76 0.00	70.17 -1.39 0.00	51.32 -1.05 0.00	41.81 -0.88 0.00	40.41 -0.88 0.00	32.74 -0.73 0.00
TALLMAN__138KV_BK151 55660	67.42 2.85 0.00	34.87 1.61 0.00	35.18 1.54 0.00	35.80 1.62 0.00	38.82 1.79 0.00	42.27 1.94 0.00	33.66 1.53 0.00	35.60 1.66 0.00	37.40 1.86 0.00	33.60 1.83 0.00	30.89 1.81 1.31	31.05 1.97 -0.08	31.48 1.95 0.00	30.39 1.90 0.00	33.49 1.90 0.00	36.34 2.05 0.00	42.27 2.38 0.00	44.05 2.47 0.00	47.42 2.77 0.00	75.82 4.25 0.00	55.46 3.10 0.00	45.19 2.50 0.00	43.51 2.22 0.00	35.17 1.71 0.00
TEALLAVE_115KV_TB7 355573	62.90 -1.66 0.00	32.43 -0.83 0.00	32.80 -0.84 0.00	33.32 -0.86 0.00	36.11 -0.92 0.00	39.33 -0.99 0.00	31.38 -0.75 0.00	33.14 -0.80 0.00	34.65 -0.89 0.00	30.99 -0.78 0.00	29.59 -0.80 0.00	28.19 -0.82 -0.01	28.68 -0.85 0.00	27.68 -0.81 0.00	30.82 -0.76 0.00	33.49 -0.80 0.00	38.96 -0.93 0.00	40.66 -0.93 0.00	43.66 -0.99 0.00	69.81 -1.76 0.00	51.05 -1.32 0.00	41.58 -1.11 0.00	40.20 -1.09 0.00	32.57 -0.89 0.00
TELEGRAPH_34_KV_EAST 80808	22.98 -5.52 36.07	17.79 -3.07 12.40	15.93 -3.08 14.63	20.50 -3.13 10.55	24.00 -3.47 9.56	26.74 -3.63 9.96	20.66 -2.68 8.78	21.77 -2.98 9.18	18.80 -3.15 13.59	18.58 -2.95 10.24	20.06 -2.83 7.49	18.31 -2.90 7.78	20.32 -2.90 6.31	23.96 -3.05 1.48	21.44 -2.87 7.28	22.15 -3.17 8.97	24.68 -4.21 11.00	24.03 -4.45 13.09	18.10 -4.60 21.94	25.88 -7.60 38.09	18.63 -5.10 28.63	21.31 -4.32 17.06	26.98 -3.61 10.70	29.59 -2.99 0.89
TEMPLE__115KV_TB 2 55572	62.91 -1.66 0.00	32.44 -0.82 0.00	32.81 -0.83 0.00	33.35 -0.84 0.00	36.12 -0.91 0.00	39.35 -0.98 0.00	31.39 -0.73 0.00	33.15 -0.80 0.00	34.66 -0.88 0.00	31.01 -0.76 0.00	29.59 -0.79 0.00	28.21 -0.80 -0.01	28.70 -0.83 0.00	27.70 -0.79 0.00	30.85 -0.74 0.00	33.52 -0.76 0.00	38.98 -0.91 0.00	40.68 -0.91 0.00	43.66 -0.98 0.00	69.83 -1.73 0.00	51.08 -1.28 0.00	41.60 -1.09 0.00	40.23 -1.06 0.00	32.58 -0.88 0.00

TIANA___69_KV_BK 1 55817	70.19 5.62 0.00	36.51 3.25 0.00	36.77 3.14 0.00	37.32 3.13 0.00	40.48 3.44 0.00	44.16 3.84 0.00	35.00 2.88 0.00	36.93 2.99 0.00	38.66 3.12 0.00	35.08 3.31 0.00	34.78 3.20 -1.20	32.23 3.15 -0.09	32.46 2.93 0.00	31.32 2.83 0.00	34.44 2.86 0.00	37.11 2.83 0.00	43.37 3.48 0.00	45.15 3.57 0.00	48.61 3.97 0.00	76.28 4.71 0.00	56.02 3.66 0.00	45.80 3.11 0.00	44.29 3.00 0.00	35.72 2.26 0.00
TILDEN___115KV_TB1 80814	63.22 -1.35 0.00	32.59 -0.67 0.00	32.96 -0.67 0.00	33.50 -0.69 0.00	36.30 -0.73 0.00	39.54 -0.79 0.00	31.54 -0.58 0.00	33.31 -0.63 0.00	34.82 -0.72 0.00	31.15 -0.62 0.00	29.72 -0.67 0.00	28.31 -0.69 -0.01	28.79 -0.74 0.00	27.79 -0.70 0.00	30.97 -0.62 0.00	33.66 -0.62 0.00	39.16 -0.73 0.00	40.89 -0.69 0.00	43.89 -0.76 0.00	70.17 -1.39 0.00	51.32 -1.05 0.00	41.81 -0.88 0.00	40.41 -0.88 0.00	32.74 -0.73 0.00
TRIGEN___CC 323695	68.38 3.82 0.00	35.46 2.20 0.00	35.74 2.11 0.00	36.37 2.18 0.00	39.47 2.43 0.00	42.98 2.66 0.00	34.14 2.02 0.00	36.08 2.14 0.00	37.97 2.42 0.00	34.32 2.54 0.00	34.08 2.49 -1.20	31.66 2.57 -0.09	32.04 2.51 0.00	30.93 2.44 0.00	34.03 2.45 0.00	36.84 2.55 0.00	42.87 2.98 0.00	44.62 3.03 0.00	48.02 3.37 0.00	76.37 4.81 0.00	56.01 3.65 0.00	45.77 3.08 0.00	44.10 2.82 0.00	35.62 2.15 0.00
TRINITY___115KV___4 BK 55933	67.06 2.49 0.00	34.67 1.41 0.00	35.08 1.45 0.00	35.69 1.51 0.00	38.69 1.66 0.00	42.08 1.76 0.00	33.41 1.29 0.00	35.32 1.38 0.00	37.04 1.50 0.00	33.15 1.38 0.00	31.74 1.35 0.00	30.47 1.36 -0.11	30.89 1.36 0.00	29.85 1.36 0.00	32.96 1.37 0.00	35.75 1.47 0.00	41.67 1.78 0.00	43.40 1.81 0.00	46.56 1.92 0.00	74.39 2.82 0.00	54.42 2.05 0.00	44.38 1.69 0.00	42.82 1.54 0.00	34.73 1.27 0.00
UNION___PROCESSING_DRP 323587	39.66 -3.38 21.52	28.05 -1.83 3.38	26.14 -1.85 5.64	30.92 -1.90 1.37	34.94 -2.09 0.00	38.14 -2.18 0.00	29.08 -1.59 1.46	31.44 -1.75 0.75	29.29 -1.84 4.41	28.37 -1.79 1.61	28.26 -1.78 0.35	27.23 -1.78 -0.01	27.78 -1.75 0.00	26.83 -1.66 0.00	29.91 -1.67 0.00	32.61 -1.68 0.00	36.75 -2.14 1.00	36.78 -2.24 2.57	30.41 -2.38 11.86	43.95 -4.01 23.60	32.72 -2.91 16.73	33.22 -2.49 6.99	34.08 -2.21 5.00	31.28 -1.77 0.41
UPPER HUDSON___HYD 24058	67.40 2.83 0.00	34.77 1.51 0.00	35.17 1.53 0.00	35.80 1.62 0.00	38.87 1.84 0.00	42.28 1.96 0.00	33.57 1.45 0.00	35.59 1.65 0.00	37.34 1.80 0.00	33.40 1.62 0.00	31.90 1.51 0.00	30.52 1.41 -0.11	30.70 1.17 0.00	29.55 1.07 0.00	32.72 1.14 0.00	35.61 1.32 0.00	41.72 1.83 0.00	43.68 2.10 0.00	46.96 2.31 0.00	75.02 3.46 0.00	54.69 2.33 0.00	44.58 1.89 0.00	42.95 1.67 0.00	34.78 1.32 0.00
UPPER RAQUET___HYD 24056	65.00 0.43 0.00	33.51 0.26 0.00	33.82 0.19 0.00	34.33 0.14 0.00	37.11 0.08 0.00	40.51 0.19 0.00	32.28 0.16 0.00	34.14 0.19 0.00	35.67 0.13 0.00	31.56 -0.21 0.00	30.22 -0.17 0.00	28.54 -0.45 0.00	29.12 -0.41 0.00	28.16 -0.33 0.00	31.39 -0.19 0.00	34.12 -0.16 0.00	39.77 -0.11 0.00	41.31 -0.27 0.00	44.07 -0.58 0.00	70.51 -1.05 0.00	51.70 -0.67 0.00	42.45 -0.24 0.00	41.41 0.12 0.00	33.61 0.14 0.00
VALLEY44_115KV_TB2 355964	12.77 -4.25 47.54	19.00 -2.40 11.86	15.89 -2.37 15.38	23.15 -2.29 8.74	27.64 -2.54 6.85	30.53 -2.59 7.20	22.21 -2.03 7.88	24.36 -2.29 7.29	19.13 -2.59 13.81	20.80 -2.18 8.80	22.67 -1.98 5.73	21.46 -1.90 5.64	23.11 -1.84 4.58	27.21 -1.85 -0.57	24.56 -1.72 5.31	25.80 -1.98 6.51	27.98 -2.93 8.98	26.34 -3.06 12.18	15.38 -3.27 25.99	16.71 -5.12 49.73	12.18 -3.55 36.64	21.30 -3.00 18.40	26.60 -2.60 12.09	30.35 -2.12 1.00
VALLEY___115KV_TB 1-4 80826	66.21 1.65 0.00	34.09 0.83 0.00	34.49 0.85 0.00	35.15 0.97 0.00	38.08 1.05 0.00	41.42 1.09 0.00	33.07 0.95 0.00	35.06 1.12 0.00	36.58 1.04 0.00	32.78 1.01 0.00	31.31 0.92 0.00	29.70 0.70 0.00	30.04 0.51 0.00	29.00 0.51 0.00	31.90 0.31 0.00	34.81 0.53 0.00	40.77 0.88 0.00	42.62 1.04 0.00	46.00 1.35 0.00	73.31 1.75 0.00	53.51 1.15 0.00	43.73 1.04 0.00	42.15 0.86 0.00	33.98 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	81.17 2.58 -14.02	36.93 1.39 -2.28	38.83 1.40 -3.80	36.52 1.42 -0.92	38.59 1.56 0.00	42.01 1.69 0.00	34.42 1.36 -0.94	35.93 1.49 -0.50	39.95 1.47 -2.94	34.34 1.48 -1.09	31.93 1.31 -0.23	30.19 1.15 -0.04	30.67 1.13 0.00	29.55 1.06 0.00	32.82 1.24 0.00	35.67 1.39 0.00	42.10 1.56 -0.65	44.96 1.72 -1.65	54.60 1.96 -8.00	90.09 2.94 -15.59	65.43 2.07 -10.99	48.98 1.63 -4.66	46.12 1.47 -3.36	34.84 1.10 -0.28
VISCHER___FERRY HYD 24020	67.15 2.58 0.00	34.69 1.43 0.00	35.06 1.43 0.00	35.67 1.48 0.00	38.68 1.65 0.00	42.07 1.75 0.00	33.41 1.29 0.00	35.33 1.39 0.00	37.05 1.51 0.00	33.16 1.39 0.00	31.72 1.33 0.00	30.42 1.31 -0.11	30.81 1.28 0.00	29.73 1.24 0.00	32.84 1.25 0.00	35.62 1.34 0.00	41.59 1.70 0.00	43.35 1.76 0.00	46.50 1.86 0.00	74.30 2.74 0.00	54.33 1.97 0.00	44.33 1.64 0.00	42.76 1.47 0.00	34.66 1.20 0.00
V_A_10_SYNC_DSASP 323832	23.43 -6.52 34.61	17.98 -3.52 11.76	16.21 -3.53 13.89	20.61 -3.57 10.00	24.05 -3.94 9.04	26.75 -4.16 9.42	20.63 -3.15 8.34	21.74 -3.51 8.69	18.91 -3.72 12.91	18.83 -3.25 9.70	20.19 -3.11 7.09	18.56 -3.08 7.36	20.47 -3.09 5.96	24.00 -3.09 1.40	21.45 -3.20 6.93	22.33 -3.47 8.48	24.95 -4.51 10.42	24.30 -4.83 12.45	18.62 -5.15 20.87	26.72 -8.39 36.45	18.91 -5.96 27.49	21.45 -4.96 16.28	26.80 -4.31 10.18	29.25 -3.37 0.84
V_CMM_10_SYNC_DSASP 323787	64.70 0.13 0.00	33.37 0.11 0.00	33.76 0.13 0.00	34.25 0.07 0.00	37.06 0.03 0.00	40.44 0.12 0.00	32.26 0.13 0.00	34.08 0.13 0.00	35.69 0.15 0.00	31.73 -0.05 0.00	30.36 -0.03 0.00	28.89 -0.10 0.00	29.52 -0.01 0.00	28.42 -0.06 0.00	31.59 0.00 0.00	34.30 0.02 0.00	39.82 -0.07 0.00	41.44 -0.14 0.00	44.35 -0.29 0.00	70.99 -0.57 0.00	52.04 -0.32 0.00	42.52 -0.17 0.00	41.31 0.02 0.00	33.63 0.16 0.00
V_CMP_10_SYNC_DSASP 323788	65.19 0.63 0.00	33.64 0.38 0.00	33.85 0.21 0.00	34.18 0.00 0.00	36.86 -0.17 0.00	40.38 0.05 0.00	31.95 -0.17 0.00	33.84 -0.10 0.00	35.45 -0.09 0.00	31.56 -0.21 0.00	30.22 -0.17 0.00	28.69 -0.31 0.00	29.37 -0.16 0.00	28.22 -0.26 0.00	31.35 -0.24 0.00	34.07 -0.22 0.00	39.52 -0.36 0.00	41.28 -0.31 0.00	44.05 -0.60 0.00	70.42 -1.15 0.00	51.68 -0.69 0.00	42.22 -0.47 0.00	40.98 -0.30 0.00	33.32 -0.14 0.00
V_D_10_SYNC_DSASP 323841	65.19 0.62 0.00	33.62 0.36 0.00	33.94 0.31 0.00	34.42 0.24 0.00	37.24 0.21 0.00	40.65 0.33 0.00	32.42 0.30 0.00	34.26 0.32 0.00	35.86 0.32 0.00	31.83 0.06 0.00	30.47 0.08 0.00	28.96 -0.04 0.00	29.58 0.05 0.00	28.51 0.02 0.00	31.71 0.12 0.00	34.43 0.14 0.00	40.01 0.12 0.00	41.64 0.12 0.00	44.55 0.05 0.00	71.42 -0.10 0.00	52.39 0.02 0.00	42.79 0.10 0.00	41.58 0.29 0.00	33.79 0.33 0.00

V_E_10_SYNC_DSASP 323830	72.16 -0.66 -8.24	35.62 -0.32 -2.68	36.49 -0.38 -3.24	36.06 -0.35 -2.22	38.66 -0.33 -1.96	42.04 -0.32 -2.04	33.82 -0.16 -1.85	35.92 0.07 -1.91	38.48 -0.02 -2.97	34.20 0.27 -2.17	31.86 -0.08 -1.55	30.02 -0.60 -1.63	29.93 -0.89 -1.29	27.87 -0.92 -0.30	32.35 -0.66 -1.42	35.76 -0.36 -1.83	41.70 -0.48 -2.29	44.25 -0.11 -2.78	49.99 0.34 -5.00	80.61 0.28 -8.77	59.02 0.10 -6.56	46.67 0.19 -3.79	43.88 0.19 -2.40	33.77 0.11 -0.20
V_F_30_NSYNC_DSASP 323816	67.64 3.07 0.00	34.90 1.65 0.00	35.31 1.68 0.00	35.91 1.73 0.00	38.95 1.92 0.00	42.39 2.07 0.00	33.69 1.57 0.00	35.66 1.72 0.00	37.36 1.82 0.00	33.43 1.65 0.00	31.94 1.55 0.00	30.60 1.49 -0.11	30.89 1.36 0.00	29.77 1.29 0.00	32.94 1.35 0.00	35.84 1.55 0.00	41.91 2.02 0.00	43.79 2.21 0.00	47.00 2.36 0.00	75.12 3.55 0.00	54.84 2.47 0.00	44.73 2.04 0.00	43.13 1.84 0.00	34.92 1.46 0.00
V_F_30_SYNC_DSASP 323786	67.29 2.72 0.00	34.78 1.52 0.00	35.19 1.55 0.00	35.80 1.62 0.00	38.81 1.78 0.00	42.20 1.88 0.00	33.53 1.41 0.00	35.44 1.50 0.00	37.17 1.62 0.00	33.27 1.49 0.00	31.84 1.45 0.00	30.57 1.46 -0.11	30.97 1.44 0.00	29.93 1.44 0.00	33.07 1.48 0.00	35.88 1.59 0.00	41.83 1.94 0.00	43.57 1.99 0.00	46.74 2.10 0.00	74.69 3.13 0.00	54.63 2.26 0.00	44.54 1.85 0.00	42.98 1.70 0.00	34.85 1.39 0.00
V_XM_10_SYNC_DSASP 323789	65.19 0.63 0.00	33.64 0.38 0.00	33.85 0.21 0.00	34.18 0.00 0.00	36.86 -0.17 0.00	40.38 0.05 0.00	31.95 -0.17 0.00	33.84 -0.10 0.00	35.45 -0.09 0.00	31.56 -0.21 0.00	30.22 -0.17 0.00	28.69 -0.31 0.00	29.37 -0.16 0.00	28.22 -0.26 0.00	31.35 -0.24 0.00	34.07 -0.22 0.00	39.52 -0.36 0.00	41.28 -0.31 0.00	44.05 -0.60 0.00	70.42 -1.15 0.00	51.68 -0.69 0.00	42.22 -0.47 0.00	40.98 -0.30 0.00	33.32 -0.14 0.00
W.BABYLN_69_KV_BK1 56697	69.60 5.03 0.00	36.09 2.83 0.00	36.36 2.73 0.00	36.98 2.79 0.00	40.12 3.08 0.00	43.73 3.41 0.00	34.73 2.61 0.00	36.67 2.73 0.00	38.59 3.05 0.00	34.96 3.19 0.00	34.72 3.14 -1.20	32.23 3.14 -0.09	32.55 3.03 0.00	31.42 2.94 0.00	34.53 2.95 0.00	37.32 3.04 0.00	43.50 3.60 0.00	45.34 3.75 0.00	48.83 4.19 0.00	77.38 5.82 0.00	56.77 4.41 0.00	46.45 3.76 0.00	44.80 3.51 0.00	36.13 2.66 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	67.78 3.21 0.00	35.06 1.80 0.00	35.37 1.74 0.00	35.99 1.81 0.00	39.03 2.00 0.00	42.50 2.18 0.00	33.84 1.72 0.00	35.80 1.86 0.00	37.61 2.07 0.00	33.80 2.03 0.00	33.49 2.00 -1.11	31.22 2.14 -0.09	31.65 2.12 0.00	30.56 2.07 0.00	33.68 2.09 0.00	36.54 2.26 0.00	42.53 2.64 0.00	44.31 2.73 0.00	47.68 3.04 0.00	76.16 4.59 0.00	55.70 3.34 0.00	45.39 2.70 0.00	43.71 2.42 0.00	35.31 1.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	68.43 3.86 0.00	35.40 2.14 0.00	35.71 2.08 0.00	36.35 2.16 0.00	39.41 2.38 0.00	42.90 2.57 0.00	34.18 2.06 0.00	36.18 2.24 0.00	38.05 2.51 0.00	34.24 2.47 0.00	34.03 2.44 -1.20	31.65 2.57 -0.09	32.08 2.55 0.00	30.98 2.49 0.00	34.12 2.53 0.00	36.99 2.70 0.00	43.02 3.14 0.00	44.76 3.18 0.00	48.14 3.50 0.00	76.81 5.25 0.00	56.24 3.88 0.00	45.85 3.16 0.00	44.15 2.86 0.00	35.67 2.21 0.00
W50THST__13_KV_LOAD 356117	68.72 4.15 0.00	35.54 2.28 0.00	35.86 2.23 0.00	36.50 2.32 0.00	39.57 2.54 0.00	43.09 2.76 0.00	34.34 2.22 0.00	36.34 2.40 0.00	38.23 2.69 0.00	34.42 2.64 0.00	34.19 2.60 -1.20	31.81 2.73 -0.09	32.24 2.71 0.00	31.13 2.64 0.00	34.28 2.70 0.00	37.17 2.88 0.00	43.23 3.35 0.00	44.98 3.40 0.00	48.39 3.74 0.00	77.17 5.60 0.00	56.51 4.15 0.00	46.06 3.37 0.00	44.34 3.06 0.00	35.82 2.36 0.00
WADING RIVER_IC_1 23522	70.04 5.47 0.00	36.34 3.08 0.00	36.58 2.94 0.00	37.07 2.88 0.00	40.20 3.17 0.00	43.83 3.51 0.00	34.73 2.61 0.00	36.67 2.73 0.00	38.54 2.99 0.00	34.96 3.19 0.00	34.67 3.09 -1.20	32.15 3.06 -0.09	32.41 2.88 0.00	31.28 2.80 0.00	34.39 2.80 0.00	37.08 2.80 0.00	43.29 3.40 0.00	45.07 3.48 0.00	48.54 3.89 0.00	76.04 4.48 0.00	55.84 3.48 0.00	45.68 2.99 0.00	44.19 2.90 0.00	35.65 2.19 0.00
WADING RIVER_IC_2 23547	70.04 5.47 0.00	36.34 3.08 0.00	36.58 2.94 0.00	37.07 2.88 0.00	40.20 3.17 0.00	43.83 3.51 0.00	34.73 2.61 0.00	36.67 2.73 0.00	38.54 2.99 0.00	34.96 3.19 0.00	34.67 3.09 -1.20	32.15 3.06 -0.09	32.41 2.88 0.00	31.28 2.80 0.00	34.39 2.80 0.00	37.08 2.80 0.00	43.29 3.40 0.00	45.07 3.48 0.00	48.54 3.89 0.00	76.04 4.48 0.00	55.84 3.48 0.00	45.68 2.99 0.00	44.19 2.90 0.00	35.65 2.19 0.00
WADING RIVER_IC_3 23601	70.04 5.47 0.00	36.34 3.08 0.00	36.58 2.94 0.00	37.07 2.88 0.00	40.20 3.17 0.00	43.83 3.51 0.00	34.73 2.61 0.00	36.67 2.73 0.00	38.54 2.99 0.00	34.96 3.19 0.00	34.67 3.09 -1.20	32.15 3.06 -0.09	32.41 2.88 0.00	31.28 2.80 0.00	34.39 2.80 0.00	37.08 2.80 0.00	43.29 3.40 0.00	45.07 3.48 0.00	48.54 3.89 0.00	76.04 4.48 0.00	55.84 3.48 0.00	45.68 2.99 0.00	44.19 2.90 0.00	35.65 2.19 0.00
WALDENNY_12_KV_BK2 80841	13.23 -5.78 45.56	12.84 -3.20 17.22	10.81 -3.21 19.62	15.69 -3.22 15.27	19.11 -3.57 14.35	21.67 -3.69 14.96	16.73 -2.78 12.61	17.39 -3.06 13.49	13.62 -3.32 18.60	14.18 -2.88 14.71	16.50 -2.76 11.12	14.52 -2.78 11.70	17.26 -2.79 9.48	23.42 -2.85 2.22	17.97 -2.77 10.84	17.72 -3.08 13.48	19.65 -4.11 16.13	18.55 -4.37 18.66	12.03 -4.60 28.02	16.52 -7.44 47.60	10.98 -5.10 36.29	15.59 -4.30 22.79	23.63 -3.65 14.00	29.40 -2.90 1.16
WALDEN__HYDRO 24148	67.63 3.06 0.00	34.98 1.72 0.00	35.30 1.67 0.00	35.92 1.73 0.00	38.94 1.91 0.00	42.39 2.07 0.00	33.77 1.65 0.00	35.72 1.78 0.00	37.52 1.97 0.00	33.71 1.93 0.00	31.93 1.89 0.35	31.07 1.99 -0.09	31.50 1.97 0.00	30.42 1.93 0.00	33.54 1.96 0.00	36.39 2.10 0.00	42.38 2.50 0.00	44.17 2.59 0.00	47.53 2.89 0.00	75.89 4.33 0.00	55.48 3.12 0.00	45.19 2.50 0.00	43.54 2.25 0.00	35.20 1.74 0.00
WARRENSBURG____ 23737	67.40 2.83 0.00	34.77 1.51 0.00	35.17 1.54 0.00	35.80 1.62 0.00	38.87 1.84 0.00	42.28 1.96 0.00	33.57 1.45 0.00	35.59 1.65 0.00	37.34 1.80 0.00	33.40 1.62 0.00	31.90 1.51 0.00	30.52 1.41 -0.11	30.70 1.17 0.00	29.55 1.06 0.00	32.72 1.14 0.00	35.62 1.33 0.00	41.71 1.83 0.00	43.68 2.10 0.00	46.96 2.31 0.00	75.02 3.45 0.00	54.69 2.32 0.00	44.58 1.89 0.00	42.96 1.67 0.00	34.78 1.32 0.00
WATERSIDE____6 8 9 23538	68.46 3.89 0.00	35.44 2.17 0.00	35.75 2.12 0.00	36.39 2.21 0.00	39.47 2.44 0.00	42.96 2.64 0.00	34.24 2.12 0.00	36.26 2.32 0.00	38.13 2.59 0.00	34.31 2.53 0.00	34.09 2.50 -1.20	31.72 2.63 -0.09	32.13 2.60 0.00	31.04 2.55 0.00	34.17 2.58 0.00	37.05 2.77 0.00	43.10 3.20 0.00	44.82 3.24 0.00	48.21 3.57 0.00	76.94 5.38 0.00	56.38 4.01 0.00	45.94 3.25 0.00	44.24 2.95 0.00	35.74 2.28 0.00

WATKINRD_115KV_LN8_ILLLION 55919	65.76 1.20 0.00	33.89 0.63 0.00	34.28 0.64 0.00	34.91 0.73 0.00	37.82 0.79 0.00	41.15 0.82 0.00	32.82 0.69 0.00	34.75 0.81 0.00	36.30 0.76 0.00	32.50 0.73 0.00	31.06 0.67 0.00	29.52 0.52 0.00	29.92 0.39 0.00	28.89 0.41 0.00	31.84 0.25 0.00	34.67 0.39 0.00	40.55 0.66 0.00	42.39 0.80 0.00	45.64 1.00 0.00	72.90 1.33 0.00	53.24 0.88 0.00	43.47 0.78 0.00	41.94 0.66 0.00	33.86 0.40 0.00
WDELAWARE___HYD 323627	67.68 3.11 0.00	34.95 1.69 0.00	35.27 1.64 0.00	35.89 1.71 0.00	38.91 1.88 0.00	42.37 2.05 0.00	33.78 1.66 0.00	35.73 1.79 0.00	37.52 1.98 0.00	33.69 1.92 0.00	31.99 1.86 0.26	30.96 1.88 -0.08	31.37 1.84 0.00	30.26 1.77 0.00	33.41 1.82 0.00	36.28 2.00 0.00	42.30 2.41 0.00	44.16 2.58 0.00	47.55 2.91 0.00	75.97 4.41 0.00	55.51 3.15 0.00	45.19 2.50 0.00	43.51 2.23 0.00	35.17 1.71 0.00
WEST BABYLON___IC 23714	69.60 5.03 0.00	36.09 2.83 0.00	36.36 2.73 0.00	36.98 2.79 0.00	40.12 3.08 0.00	43.73 3.41 0.00	34.73 2.61 0.00	36.67 2.73 0.00	38.59 3.05 0.00	34.96 3.19 0.00	34.72 3.14 -1.20	32.23 3.14 -0.09	32.55 3.03 0.00	31.42 2.94 0.00	34.53 2.95 0.00	37.32 3.04 0.00	43.50 3.60 0.00	45.34 3.75 0.00	48.83 4.19 0.00	77.38 5.82 0.00	56.77 4.41 0.00	46.45 3.76 0.00	44.80 3.51 0.00	36.13 2.66 0.00
WEST CANADA___HYD 24049	64.63 0.06 0.00	33.33 0.06 0.00	33.70 0.07 0.00	34.26 0.08 0.00	37.14 0.10 0.00	40.41 0.08 0.00	32.19 0.06 0.00	34.01 0.07 0.00	35.61 0.07 0.00	31.84 0.07 0.00	30.47 0.09 0.00	29.06 0.06 0.00	29.59 0.06 0.00	28.53 0.05 0.00	31.62 0.03 0.00	34.31 0.03 0.00	39.96 0.08 0.00	41.67 0.08 0.00	44.77 0.12 0.00	71.66 0.10 0.00	52.42 0.05 0.00	42.73 0.04 0.00	41.33 0.04 0.00	33.46 0.00 0.00
WESTERN_NY_WIND 24143	26.61 -4.13 33.83	19.82 -2.35 11.09	17.97 -2.36 13.31	22.55 -2.40 9.24	26.17 -2.66 8.20	29.03 -2.75 8.54	22.42 -1.97 7.73	23.75 -2.21 7.98	20.98 -2.31 12.25	20.21 -2.57 9.00	21.38 -2.53 6.48	19.68 -2.64 6.68	21.53 -2.59 5.41	24.64 -2.58 1.27	23.02 -2.29 6.27	24.10 -2.48 7.69	27.07 -3.25 9.57	26.63 -3.37 11.58	20.84 -3.38 20.42	30.06 -5.65 35.85	21.73 -3.82 26.81	23.80 -3.31 15.58	28.70 -2.73 9.86	30.36 -2.28 0.82
WESTOVER___LESR 323668	117.36 -1.08 -53.87	41.34 -0.47 -8.55	47.43 -0.47 -14.27	37.20 -0.44 -3.46	36.58 -0.45 -0.01	39.84 -0.48 0.00	35.38 -0.38 -3.64	35.44 -0.39 -1.89	46.19 -0.48 -11.13	35.51 -0.35 -4.08	30.89 -0.38 -0.88	28.64 -0.39 -0.03	29.10 -0.43 0.00	28.09 -0.40 0.00	31.27 -0.31 0.00	34.00 -0.29 0.00	41.95 -0.45 -2.51	47.56 -0.43 -6.40	74.22 -0.45 -30.02	129.99 -0.91 -59.34	93.69 -0.68 -42.01	59.75 -0.56 -17.62	53.39 -0.55 -12.65	34.04 -0.47 -1.04
WETHRSFD_WT_PWR 323626	-15.83 -7.22 73.18	-16.67 -3.84 46.09	-17.16 -3.91 46.89	-15.71 -3.81 46.08	-14.40 -4.09 47.34	-13.28 -4.29 49.32	-7.40 -3.36 36.16	-11.77 -3.62 42.09	-15.15 -3.94 46.75	-15.12 -3.50 43.39	-8.63 -3.48 35.54	-12.95 -3.35 38.59	-5.10 -3.40 31.24	17.80 -3.37 7.31	-6.88 -3.20 35.27	-13.75 -3.61 44.43	-14.20 -4.55 49.54	-14.98 -4.63 51.93	-15.37 -5.10 54.91	-13.04 -8.18 76.43	-15.13 -5.91 61.59	-14.49 -5.11 52.07	6.49 -4.65 30.14	27.21 -3.72 2.53
WHAVSTOR_138KV_BK127 55557	67.50 2.94 0.00	34.92 1.66 0.00	35.23 1.60 0.00	35.85 1.67 0.00	38.89 1.85 0.00	42.33 2.00 0.00	33.71 1.59 0.00	35.65 1.71 0.00	37.45 1.91 0.00	33.66 1.89 0.00	33.65 1.87 -1.40	31.09 2.01 -0.09	31.51 1.98 0.00	30.43 1.94 0.00	33.53 1.95 0.00	36.37 2.09 0.00	42.33 2.44 0.00	44.10 2.52 0.00	47.45 2.81 0.00	75.80 4.24 0.00	55.44 3.08 0.00	45.19 2.50 0.00	43.51 2.22 0.00	35.17 1.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	67.50 2.94 0.00	34.92 1.66 0.00	35.23 1.60 0.00	35.85 1.67 0.00	38.89 1.85 0.00	42.33 2.00 0.00	33.71 1.59 0.00	35.65 1.71 0.00	37.45 1.91 0.00	33.66 1.89 0.00	33.65 1.87 -1.40	31.09 2.01 -0.09	31.51 1.98 0.00	30.43 1.94 0.00	33.53 1.95 0.00	36.37 2.09 0.00	42.33 2.44 0.00	44.10 2.52 0.00	47.45 2.81 0.00	75.80 4.24 0.00	55.44 3.08 0.00	45.19 2.50 0.00	43.51 2.22 0.00	35.17 1.71 0.00
WHITEHAL_115KV_TB1 80871	68.50 3.93 0.00	35.36 2.11 0.00	35.74 2.10 0.00	36.44 2.26 0.00	39.60 2.57 0.00	43.12 2.79 0.00	34.04 1.92 0.00	36.22 2.28 0.00	38.06 2.51 0.00	34.07 2.30 0.00	32.53 2.14 0.00	31.04 1.93 -0.11	31.04 1.51 0.00	29.72 1.23 0.00	32.97 1.39 0.00	35.56 1.27 0.00	41.95 2.06 0.00	43.87 2.29 0.00	47.40 2.76 0.00	75.67 4.11 0.00	54.92 2.56 0.00	44.86 2.17 0.00	43.20 1.91 0.00	34.96 1.50 0.00
WHITEPLN_13_KV_LOAD 356215	68.61 4.05 0.00	35.49 2.23 0.00	35.79 2.16 0.00	36.40 2.22 0.00	39.48 2.44 0.00	42.98 2.66 0.00	34.24 2.12 0.00	36.23 2.29 0.00	38.09 2.55 0.00	34.27 2.50 0.00	34.09 2.46 -1.25	31.65 2.57 -0.09	32.09 2.56 0.00	30.98 2.49 0.00	34.14 2.55 0.00	37.00 2.72 0.00	43.06 3.17 0.00	44.84 3.26 0.00	48.25 3.60 0.00	77.00 5.43 0.00	56.34 3.98 0.00	45.92 3.22 0.00	44.21 2.92 0.00	35.72 2.26 0.00
WM_FLOYD_69_KV_BK2 356380	69.73 5.16 0.00	36.23 2.97 0.00	36.48 2.84 0.00	37.04 2.85 0.00	40.16 3.13 0.00	43.80 3.47 0.00	34.76 2.64 0.00	36.70 2.76 0.00	38.52 2.98 0.00	34.97 3.20 0.00	34.69 3.11 -1.20	32.17 3.08 -0.09	32.43 2.90 0.00	31.30 2.81 0.00	34.42 2.83 0.00	37.11 2.82 0.00	43.33 3.44 0.00	45.11 3.53 0.00	48.59 3.94 0.00	76.40 4.84 0.00	56.12 3.76 0.00	45.91 3.21 0.00	44.37 3.08 0.00	35.80 2.34 0.00
WOODARD_115KV_TB2 355635	62.83 -1.74 0.00	32.39 -0.87 0.00	32.76 -0.87 0.00	33.29 -0.90 0.00	36.07 -0.96 0.00	39.29 -1.03 0.00	31.34 -0.78 0.00	33.10 -0.85 0.00	34.61 -0.93 0.00	30.96 -0.81 0.00	29.56 -0.83 0.00	28.17 -0.84 -0.01	28.65 -0.88 0.00	27.66 -0.83 0.00	30.79 -0.79 0.00	33.45 -0.83 0.00	38.92 -0.97 0.00	40.61 -0.97 0.00	43.60 -1.04 0.00	69.72 -1.84 0.00	50.98 -1.38 0.00	41.53 -1.16 0.00	40.16 -1.13 0.00	32.53 -0.93 0.00
WOODMERE_69_KV_BK1 55827	69.01 4.44 0.00	35.78 2.52 0.00	36.07 2.43 0.00	36.70 2.52 0.00	39.84 2.80 0.00	43.37 3.05 0.00	34.43 2.31 0.00	36.42 2.48 0.00	38.31 2.76 0.00	34.64 2.86 0.00	34.39 2.80 -1.20	31.94 2.86 -0.09	32.31 2.78 0.00	31.20 2.72 0.00	34.36 2.77 0.00	37.21 2.93 0.00	43.30 3.42 0.00	45.09 3.51 0.00	48.51 3.87 0.00	77.16 5.60 0.00	56.59 4.22 0.00	46.24 3.56 0.00	44.54 3.25 0.00	35.96 2.50 0.00
YORK___WARBASSE 23770	68.41 3.84 0.00	35.41 2.15 0.00	35.71 2.08 0.00	36.34 2.15 0.00	39.41 2.38 0.00	42.90 2.58 0.00	34.19 2.07 0.00	36.21 2.27 0.00	38.09 2.55 0.00	34.25 2.48 0.00	34.04 2.45 -1.20	31.66 2.58 -0.09	32.09 2.56 0.00	30.99 2.51 0.00	34.12 2.53 0.00	37.01 2.73 0.00	43.04 3.16 0.00	44.76 3.18 0.00	48.22 3.58 0.00	76.98 5.42 0.00	56.39 4.03 0.00	45.98 3.29 0.00	44.28 2.99 0.00	35.75 2.29 0.00