

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

03/08/2026

Generator Data

Name	00:00	01:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT								
59TH STREET_GT_1 24138	41.24 2.68 0.00	38.57 2.36 0.00	35.97 2.23 0.00	33.67 2.08 0.00	31.74 2.04 0.00	29.63 1.85 0.00	32.64 1.94 0.00	29.73 1.78 0.00	34.33 2.16 0.00	36.17 2.47 0.00	30.68 2.22 0.00	25.44 1.90 0.00	17.98 1.34 0.00	11.18 0.89 0.00	18.54 1.58 0.00	24.03 2.09 0.00	33.10 2.57 0.00	149.24 8.67 0.00	242.20 13.40 0.00	91.12 5.13 0.00	49.51 2.90 0.00	50.67 2.91 0.00	39.43 2.19 0.00
74TH STREET_GT_1 24260	41.34 2.78 0.00	38.66 2.46 0.00	36.06 2.32 0.00	33.75 2.16 0.00	31.83 2.13 0.00	29.70 1.92 0.00	32.71 2.01 0.00	29.81 1.86 0.00	34.40 2.23 0.00	36.24 2.54 0.00	30.75 2.28 0.00	25.49 1.96 0.00	18.02 1.38 0.00	11.21 0.92 0.00	18.57 1.61 0.00	24.08 2.13 0.00	33.16 2.63 0.00	149.52 8.95 0.00	242.77 13.98 0.00	91.37 5.38 0.00	49.64 3.03 0.00	50.78 3.02 0.00	39.53 2.29 0.00
74TH STREET_GT_2 24261	41.34 2.78 0.00	38.66 2.46 0.00	36.06 2.32 0.00	33.75 2.16 0.00	31.83 2.13 0.00	29.70 1.92 0.00	32.71 2.01 0.00	29.81 1.86 0.00	34.40 2.23 0.00	36.24 2.54 0.00	30.75 2.28 0.00	25.49 1.96 0.00	18.02 1.38 0.00	11.21 0.92 0.00	18.57 1.61 0.00	24.08 2.13 0.00	33.16 2.63 0.00	149.52 8.95 0.00	242.77 13.98 0.00	91.37 5.38 0.00	49.64 3.03 0.00	50.78 3.02 0.00	39.53 2.29 0.00
ADK HUDSON__FALLS 24011	40.21 1.65 0.00	37.71 1.50 0.00	35.14 1.41 0.00	32.94 1.35 0.00	30.96 1.26 0.00	29.06 1.27 0.00	32.17 1.46 0.00	29.24 1.29 0.00	33.66 1.49 0.00	35.19 1.50 0.00	29.51 1.04 0.00	24.39 0.86 0.00	17.26 0.62 0.00	10.56 0.27 0.00	17.42 0.46 0.00	22.72 0.77 0.00	31.95 1.42 0.00	147.79 7.22 0.00	239.77 10.97 0.00	90.37 4.38 0.00	48.95 2.34 0.00	49.96 2.20 0.00	38.73 1.48 0.00
ADK RESOURCE__RCVRY 23798	40.20 1.64 0.00	37.70 1.49 0.00	35.11 1.38 0.00	32.93 1.34 0.00	30.96 1.26 0.00	29.09 1.31 0.00	32.26 1.55 0.00	29.31 1.36 0.00	33.73 1.56 0.00	35.22 1.53 0.00	29.46 0.99 0.00	24.37 0.84 0.00	17.25 0.60 0.00	10.53 0.24 0.00	17.38 0.42 0.00	22.72 0.77 0.00	31.99 1.47 0.00	148.21 7.64 0.00	240.55 11.75 0.00	90.69 4.69 0.00	49.09 2.48 0.00	50.08 2.32 0.00	38.73 1.49 0.00
ADK S GLENS__FALLS 24028	40.21 1.65 0.00	37.71 1.50 0.00	35.14 1.41 0.00	32.94 1.35 0.00	30.96 1.26 0.00	29.06 1.27 0.00	32.17 1.46 0.00	29.24 1.29 0.00	33.66 1.49 0.00	35.19 1.50 0.00	29.51 1.04 0.00	24.39 0.86 0.00	17.26 0.62 0.00	10.56 0.27 0.00	17.42 0.46 0.00	22.72 0.77 0.00	31.95 1.42 0.00	147.79 7.22 0.00	239.77 10.97 0.00	90.37 4.38 0.00	48.95 2.34 0.00	49.96 2.20 0.00	38.73 1.48 0.00
ADK_NYS__DAM 23527	40.29 1.73 0.00	37.75 1.54 0.00	35.17 1.44 0.00	33.04 1.45 0.00	30.98 1.28 0.00	28.98 1.20 0.00	32.05 1.35 0.00	29.12 1.17 0.00	33.57 1.41 0.00	35.28 1.59 0.00	29.79 1.33 0.00	24.75 1.22 0.00	17.60 0.95 0.00	10.83 0.54 0.00	17.87 0.90 0.00	23.04 1.10 0.00	31.96 1.44 0.00	146.18 5.61 0.00	236.07 7.27 0.00	89.33 3.34 0.00	48.69 2.07 0.00	49.79 2.03 0.00	38.63 1.39 0.00
AIR_PRODUCTS__DRP 24190	39.95 1.39 0.00	37.47 1.26 0.00	34.94 1.21 0.00	32.73 1.14 0.00	30.77 1.07 0.00	28.75 0.97 0.00	31.73 1.03 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.95 1.26 0.00	29.52 1.06 0.00	24.46 0.92 0.00	17.33 0.68 0.00	10.69 0.41 0.00	17.64 0.68 0.00	22.82 0.87 0.00	31.69 1.16 0.00	144.93 4.36 0.00	235.16 6.36 0.00	88.71 2.71 0.00	48.19 1.57 0.00	49.30 1.54 0.00	38.40 1.16 0.00
AKWESSNE_115KV_BK 355683	38.77 0.21 0.00	36.46 0.25 0.00	33.86 0.13 0.00	31.64 0.05 0.00	29.81 0.11 0.00	27.94 0.16 0.00	30.93 0.23 0.00	28.19 0.24 0.00	32.34 0.17 0.00	33.71 0.02 0.00	28.38 -0.08 0.00	23.41 -0.12 0.00	16.58 -0.07 0.00	10.23 -0.06 0.00	16.82 -0.14 0.00	21.79 -0.16 0.00	30.39 -0.13 0.00	140.58 0.00 0.00	228.97 0.17 0.00	85.81 -0.18 0.00	46.37 -0.24 0.00	47.56 -0.20 0.00	37.23 -0.01 0.00
ALBANY_1_SOLAR 323833	40.17 1.61 0.00	37.69 1.49 0.00	35.15 1.41 0.00	32.92 1.32 0.00	30.93 1.23 0.00	28.92 1.13 0.00	31.93 1.24 0.00	29.05 1.10 0.00	33.43 1.26 0.00	35.06 1.37 0.00	29.57 1.11 0.00	24.38 0.85 0.00	17.30 0.65 0.00	10.65 0.36 0.00	17.52 0.56 0.00	22.65 0.71 0.00	31.70 1.17 0.00	145.98 5.41 0.00	236.95 8.16 0.00	89.30 3.31 0.00	48.47 1.85 0.00	49.58 1.82 0.00	38.62 1.38 0.00
ALBANY_2_SOLAR 323834	40.16 1.60 0.00	37.68 1.48 0.00	35.13 1.40 0.00	32.91 1.32 0.00	30.92 1.22 0.00	28.91 1.13 0.00	31.92 1.22 0.00	29.04 1.08 0.00	33.42 1.25 0.00	35.05 1.36 0.00	29.57 1.11 0.00	24.38 0.84 0.00	17.30 0.65 0.00	10.65 0.36 0.00	17.52 0.56 0.00	22.65 0.70 0.00	31.70 1.17 0.00	145.90 5.33 0.00	236.86 8.06 0.00	89.27 3.28 0.00	48.45 1.84 0.00	49.57 1.81 0.00	38.61 1.36 0.00
ALBANY__1 23571	39.95 1.39 0.00	37.47 1.26 0.00	34.94 1.21 0.00	32.73 1.14 0.00	30.77 1.07 0.00	28.75 0.97 0.00	31.73 1.03 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.95 1.26 0.00	29.52 1.06 0.00	24.46 0.92 0.00	17.33 0.68 0.00	10.69 0.41 0.00	17.64 0.68 0.00	22.82 0.87 0.00	31.69 1.16 0.00	144.93 4.36 0.00	235.16 6.36 0.00	88.71 2.71 0.00	48.19 1.57 0.00	49.30 1.54 0.00	38.40 1.16 0.00
ALBANY__2	39.95	37.47	34.94	32.73	30.77	28.75	31.73	28.87	33.24	34.95	29.52	24.46	17.33	10.69	17.64	22.82	31.69	144.93	235.16	88.71	48.19	49.30	38.40

23572	1.39 0.00	1.26 0.00	1.21 0.00	1.14 0.00	1.07 0.00	0.97 0.00	1.03 0.00	0.92 0.00	1.07 0.00	1.26 0.00	1.06 0.00	0.92 0.00	0.68 0.00	0.41 0.00	0.68 0.00	0.87 0.00	1.16 0.00	4.36 0.00	6.36 0.00	2.71 0.00	1.57 0.00	1.54 0.00	1.16 0.00
ALBANY___3 23573	39.95 1.39 0.00	37.47 1.26 0.00	34.94 1.21 0.00	32.73 1.14 0.00	30.77 1.07 0.00	28.75 0.97 0.00	31.73 1.03 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.95 1.26 0.00	29.52 1.06 0.00	24.46 0.92 0.00	17.33 0.68 0.00	10.69 0.41 0.00	17.64 0.68 0.00	22.82 0.87 0.00	31.69 1.16 0.00	144.93 4.36 0.00	235.16 6.36 0.00	88.71 2.71 0.00	48.19 1.57 0.00	49.30 1.54 0.00	38.40 1.16 0.00
ALBANY___4 23574	39.95 1.39 0.00	37.47 1.26 0.00	34.94 1.21 0.00	32.73 1.14 0.00	30.77 1.07 0.00	28.75 0.97 0.00	31.73 1.03 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.95 1.26 0.00	29.52 1.06 0.00	24.46 0.92 0.00	17.33 0.68 0.00	10.69 0.41 0.00	17.64 0.68 0.00	22.82 0.87 0.00	31.69 1.16 0.00	144.93 4.36 0.00	235.16 6.36 0.00	88.71 2.71 0.00	48.19 1.57 0.00	49.30 1.54 0.00	38.40 1.16 0.00
ALBANY___LFGE 323615	40.12 1.56 0.00	37.62 1.42 0.00	35.09 1.35 0.00	32.87 1.27 0.00	30.88 1.19 0.00	28.87 1.09 0.00	31.86 1.16 0.00	28.99 1.04 0.00	33.38 1.21 0.00	35.10 1.40 0.00	29.64 1.17 0.00	24.53 1.00 0.00	17.40 0.75 0.00	10.72 0.44 0.00	17.70 0.74 0.00	22.90 0.95 0.00	31.84 1.32 0.00	145.68 5.11 0.00	236.37 7.57 0.00	89.17 3.17 0.00	48.43 1.81 0.00	49.54 1.78 0.00	38.59 1.34 0.00
ALCOA_PA_115KV_PL-6C 55860	38.91 0.35 0.00	36.59 0.38 0.00	33.98 0.24 0.00	31.75 0.16 0.00	29.90 0.20 0.00	28.05 0.27 0.00	31.06 0.35 0.00	28.29 0.34 0.00	32.46 0.28 0.00	33.81 0.12 0.00	28.43 -0.03 0.00	23.45 -0.08 0.00	16.61 -0.04 0.00	10.25 -0.04 0.00	16.86 -0.11 0.00	21.83 -0.11 0.00	30.44 -0.08 0.00	141.22 0.65 0.00	230.36 1.57 0.00	86.37 0.38 0.00	46.71 0.09 0.00	47.81 0.05 0.00	37.40 0.16 0.00
ALCOA_RYNLDS___DRP 24188	38.92 0.35 0.00	36.59 0.38 0.00	33.97 0.24 0.00	31.75 0.16 0.00	29.90 0.20 0.00	28.05 0.27 0.00	31.06 0.35 0.00	28.29 0.34 0.00	32.46 0.28 0.00	33.81 0.12 0.00	28.43 -0.03 0.00	23.45 -0.08 0.00	16.61 -0.04 0.00	10.25 -0.04 0.00	16.86 -0.11 0.00	21.83 -0.11 0.00	30.45 -0.08 0.00	141.23 0.66 0.00	230.36 1.56 0.00	86.37 0.38 0.00	46.70 0.08 0.00	47.81 0.05 0.00	37.41 0.16 0.00
ALCOA___DSASP 323711	38.92 0.35 0.00	36.59 0.38 0.00	33.97 0.24 0.00	31.75 0.16 0.00	29.90 0.20 0.00	28.05 0.27 0.00	31.06 0.35 0.00	28.29 0.34 0.00	32.46 0.28 0.00	33.81 0.12 0.00	28.43 -0.03 0.00	23.45 -0.08 0.00	16.61 -0.04 0.00	10.25 -0.04 0.00	16.86 -0.11 0.00	21.83 -0.11 0.00	30.45 -0.08 0.00	141.23 0.66 0.00	230.36 1.56 0.00	86.37 0.38 0.00	46.70 0.08 0.00	47.81 0.05 0.00	37.41 0.16 0.00
ALLEGHENY___COGEN 23514	37.73 -1.52 -0.68	39.94 -1.48 -5.22	46.44 -1.34 -14.05	46.71 -1.18 -16.29	30.71 -1.20 -2.22	26.84 -0.94 0.00	34.71 -0.90 -4.91	27.09 -0.86 0.00	44.27 -1.11 -13.20	71.03 -1.74 -39.08	62.84 -1.69 -36.07	58.41 -1.52 -36.40	41.82 -1.28 -26.46	25.00 -0.82 -15.54	35.30 -1.48 -19.82	48.46 -1.77 -28.28	67.95 -2.13 -39.56	193.44 -6.62 -59.49	274.10 -5.52 -50.82	112.70 -2.40 -29.11	39.79 -1.64 5.18	66.19 -1.68 -20.12	38.02 -1.44 -2.22
ALTAMONT_115KV_TB 2 55880	39.63 1.07 0.00	37.20 1.00 0.00	34.69 0.95 0.00	32.49 0.89 0.00	30.54 0.84 0.00	28.54 0.75 0.00	31.51 0.81 0.00	28.66 0.71 0.00	33.02 0.85 0.00	34.65 0.96 0.00	29.28 0.82 0.00	24.23 0.69 0.00	17.16 0.52 0.00	10.59 0.31 0.00	17.49 0.52 0.00	22.60 0.65 0.00	31.40 0.88 0.00	143.98 3.41 0.00	233.83 5.03 0.00	88.13 2.14 0.00	47.83 1.22 0.00	48.96 1.20 0.00	38.13 0.89 0.00
ALTONA_WT_PWR 323606	38.41 -0.14 0.00	36.25 0.04 0.00	33.43 -0.30 0.00	31.20 -0.39 0.00	29.37 -0.33 0.00	27.48 -0.30 0.00	30.36 -0.34 0.00	27.63 -0.32 0.00	31.73 -0.44 0.00	33.32 -0.37 0.00	28.00 -0.46 0.00	23.09 -0.45 0.00	16.38 -0.27 0.00	10.04 -0.25 0.00	16.50 -0.46 0.00	21.39 -0.56 0.00	29.98 -0.55 0.00	139.43 -1.14 0.00	227.09 -1.71 0.00	84.97 -1.02 0.00	45.89 -0.72 0.00	46.85 -0.91 0.00	36.59 -0.65 0.00
AMERICAN_REF_FUEL 24010	34.01 -4.36 0.18	30.81 -3.98 1.41	26.35 -3.58 3.80	23.89 -3.29 4.41	25.88 -3.22 0.60	24.72 -3.06 0.00	25.82 -3.56 1.32	24.83 -3.12 0.00	25.02 -3.60 3.55	19.11 -4.08 10.50	15.25 -3.51 9.70	10.65 -3.10 9.79	7.15 -2.35 7.15	4.69 -1.42 4.18	6.93 -2.46 7.57	7.07 -2.93 11.95	12.96 -4.25 13.31	105.66 -18.81 16.11	185.41 -29.62 13.76	50.80 -12.35 22.85	17.25 -6.76 22.61	26.06 -5.99 15.71	29.15 -4.80 3.29
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.45 -3.93 0.18	30.94 -3.87 1.40	26.95 -3.02 3.76	24.53 -2.70 4.36	26.46 -2.64 0.59	25.43 -2.35 0.00	27.04 -2.35 1.31	26.15 -1.80 0.00	26.18 -2.48 3.51	20.08 -3.21 10.40	15.70 -3.17 9.60	11.02 -2.83 9.69	7.57 -2.00 7.07	5.01 -1.14 4.14	6.88 -2.32 7.76	7.44 -2.84 11.67	14.38 -3.38 12.77	110.88 -13.77 15.92	195.03 -20.17 13.60	51.03 -10.06 24.90	15.01 -6.15 25.45	24.85 -5.89 17.02	29.16 -4.42 3.66
ARTHUR_KILL_GT_1 23520	40.87 2.31 0.00	38.22 2.02 0.00	35.66 1.92 0.00	33.38 1.79 0.00	31.48 1.77 0.00	29.35 1.56 0.00	32.31 1.61 0.00	29.43 1.47 0.00	33.93 1.76 0.00	35.76 2.07 0.00	30.34 1.87 0.00	25.28 1.74 0.00	17.84 1.20 0.00	11.05 0.77 0.01	18.31 1.35 0.00	23.75 1.80 0.00	32.69 2.16 0.00	147.36 6.79 0.00	239.49 10.70 0.00	90.65 4.66 0.00	49.31 2.69 0.00	50.40 2.64 0.00	39.25 2.01 0.00
ARTHUR_KILL_2 23512	40.76 2.21 0.00	38.13 1.93 0.00	35.56 1.83 0.00	33.30 1.70 0.00	31.39 1.69 0.00	29.28 1.49 0.00	32.23 1.52 0.00	29.35 1.40 0.00	33.84 1.67 0.00	35.67 1.98 0.00	30.27 1.81 0.00	25.22 1.69 0.00	17.81 1.16 0.00	11.04 0.76 0.01	18.28 1.32 0.00	23.69 1.75 0.00	32.60 2.07 0.00	146.97 6.40 0.00	238.80 10.01 0.00	90.41 4.42 0.00	49.18 2.56 0.00	50.28 2.52 0.00	39.15 1.91 0.00
ARTHUR_KILL_3 23513	41.02 2.46 0.00	38.37 2.16 0.00	35.79 2.06 0.00	33.51 1.92 0.00	31.59 1.89 0.00	29.47 1.68 0.00	32.45 1.75 0.00	29.56 1.61 0.00	34.10 1.93 0.00	35.92 2.24 0.00	30.49 2.03 0.00	25.27 1.74 0.00	17.86 1.22 0.00	11.11 0.83 0.00	18.43 1.46 0.00	23.89 1.94 0.00	32.87 2.35 0.00	148.14 7.57 0.00	240.53 11.73 0.00	90.53 4.54 0.00	49.19 2.57 0.00	50.34 2.58 0.00	39.20 1.96 0.00
ARTHUR_KILL_COGEN	40.87	38.22	35.66	33.37	31.47	29.35	32.30	29.43	33.93	35.76	30.33	25.27	17.84	11.05	18.32	23.75	32.67	147.33	239.49	90.64	49.31	50.41	39.25

323718	2.31 0.00	2.02 0.00	1.92 0.00	1.77 0.00	1.76 0.00	1.56 0.00	1.60 0.00	1.47 0.00	1.76 0.00	2.07 0.00	1.87 0.00	1.74 0.00	1.20 0.00	0.77 0.01	1.35 0.00	1.80 0.00	2.15 0.00	6.76 0.00	10.69 0.00	4.65 0.00	2.69 0.00	2.65 0.00	2.01 0.00
ASHOKAN____ 23654	40.69 2.13 0.00	38.10 1.90 0.00	35.53 1.79 0.00	33.25 1.65 0.00	31.26 1.56 0.00	29.26 1.47 0.00	32.31 1.61 0.00	29.43 1.48 0.00	33.87 1.70 0.00	35.50 1.81 0.00	29.97 1.51 0.00	24.97 1.44 0.00	17.63 0.99 0.00	10.87 0.58 0.00	17.94 0.97 0.00	23.22 1.28 0.00	32.23 1.71 0.00	147.62 7.05 0.00	240.41 11.61 0.00	90.77 4.77 0.00	49.19 2.58 0.00	50.24 2.49 0.00	39.04 1.80 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.01 2.45 0.00	38.37 2.17 0.00	35.78 2.05 0.00	33.52 1.93 0.00	31.66 1.96 0.00	29.54 1.76 0.00	32.51 1.81 0.00	29.65 1.70 0.00	34.11 1.94 0.00	36.06 2.37 0.00	30.65 2.19 0.00	25.42 1.88 0.00	17.97 1.32 0.00	11.16 0.87 0.00	18.50 1.54 0.00	23.98 2.03 0.00	32.92 2.40 0.00	148.44 7.86 0.00	241.09 12.30 0.00	90.88 4.89 0.00	49.48 2.86 0.00	50.59 2.83 0.00	39.42 2.18 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.01 2.45 0.00	38.37 2.17 0.00	35.78 2.05 0.00	33.52 1.93 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.51 1.81 0.00	29.64 1.69 0.00	34.11 1.94 0.00	36.06 2.37 0.00	30.65 2.19 0.00	25.42 1.88 0.00	17.97 1.32 0.00	11.16 0.87 0.00	18.50 1.54 0.00	23.98 2.03 0.00	32.92 2.40 0.00	148.44 7.86 0.00	241.09 12.30 0.00	90.88 4.89 0.00	49.48 2.86 0.00	50.59 2.83 0.00	39.42 2.18 0.00
ASTORIA_GT2_1 24094	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT2_2 24095	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT2_3 24096	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT2_4 24097	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT3_1 24098	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT3_2 24099	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT3_3 24100	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT3_4 24101	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT4_1 24102	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT4_2 24103	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT4_3 24104	41.03 2.47 0.00	38.38 2.18 0.00	35.79 2.06 0.00	33.54 1.95 0.00	31.68 1.97 0.00	29.55 1.77 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.13 1.96 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.43 1.89 0.00	17.98 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.95 2.43 0.00	148.50 7.93 0.00	241.29 12.49 0.00	90.91 4.92 0.00	49.51 2.90 0.00	50.62 2.86 0.00	39.44 2.20 0.00
ASTORIA_GT4_4	41.03	38.38	35.79	33.54	31.68	29.55	32.53	29.65	34.13	36.07	30.66	25.43	17.98	11.17	18.51	23.99	32.95	148.50	241.29	90.91	49.51	50.62	39.44

24105	2.47 0.00	2.18 0.00	2.06 0.00	1.95 0.00	1.97 0.00	1.77 0.00	1.83 0.00	1.70 0.00	1.96 0.00	2.38 0.00	2.20 0.00	1.89 0.00	1.33 0.00	0.88 0.00	1.55 0.00	2.04 0.00	2.43 0.00	7.93 0.00	12.49 0.00	4.92 0.00	2.90 0.00	2.86 0.00	2.20 0.00
ASTORIA_GT_1 23523	41.09 2.53 0.00	38.44 2.24 0.00	35.85 2.12 0.00	33.59 2.00 0.00	31.72 2.02 0.00	29.59 1.81 0.00	32.57 1.87 0.00	29.70 1.75 0.00	34.18 2.01 0.00	36.13 2.44 0.00	30.71 2.25 0.00	25.46 1.93 0.00	18.00 1.36 0.00	11.18 0.89 0.00	18.54 1.57 0.00	24.02 2.08 0.00	33.01 2.48 0.00	148.73 8.16 0.00	241.72 12.92 0.00	91.08 5.08 0.00	49.59 2.97 0.00	50.69 2.94 0.00	39.49 2.25 0.00
ASTORIA_GT_10 24110	41.21 2.65 0.00	38.53 2.33 0.00	35.93 2.20 0.00	33.64 2.05 0.00	31.73 2.02 0.00	29.60 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.44 1.90 0.00	17.98 1.34 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.05 0.00	33.01 2.49 0.00	148.71 8.14 0.00	241.33 12.53 0.00	91.02 5.02 0.00	49.51 2.89 0.00	50.67 2.91 0.00	39.45 2.21 0.00
ASTORIA_GT_11 24225	41.21 2.65 0.00	38.53 2.33 0.00	35.93 2.20 0.00	33.64 2.05 0.00	31.73 2.02 0.00	29.60 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.44 1.90 0.00	17.98 1.34 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.05 0.00	33.01 2.49 0.00	148.71 8.14 0.00	241.33 12.53 0.00	91.02 5.02 0.00	49.51 2.89 0.00	50.67 2.91 0.00	39.45 2.21 0.00
ASTORIA_GT_12 24226	41.21 2.65 0.00	38.53 2.33 0.00	35.93 2.20 0.00	33.64 2.05 0.00	31.73 2.02 0.00	29.60 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.44 1.90 0.00	17.98 1.34 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.05 0.00	33.01 2.49 0.00	148.71 8.14 0.00	241.33 12.53 0.00	91.02 5.02 0.00	49.51 2.89 0.00	50.67 2.91 0.00	39.45 2.21 0.00
ASTORIA_GT_13 24227	41.21 2.65 0.00	38.53 2.33 0.00	35.93 2.20 0.00	33.64 2.05 0.00	31.73 2.02 0.00	29.60 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.44 1.90 0.00	17.98 1.34 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.05 0.00	33.01 2.49 0.00	148.71 8.14 0.00	241.33 12.53 0.00	91.02 5.02 0.00	49.51 2.89 0.00	50.67 2.91 0.00	39.45 2.21 0.00
ASTORIA_GT_5 24106	41.09 2.53 0.00	38.44 2.24 0.00	35.85 2.12 0.00	33.59 2.00 0.00	31.72 2.02 0.00	29.59 1.81 0.00	32.57 1.87 0.00	29.70 1.75 0.00	34.18 2.01 0.00	36.13 2.44 0.00	30.71 2.25 0.00	25.46 1.93 0.00	18.00 1.36 0.00	11.18 0.89 0.00	18.54 1.57 0.00	24.02 2.08 0.00	33.01 2.48 0.00	148.73 8.16 0.00	241.72 12.92 0.00	91.08 5.08 0.00	49.59 2.97 0.00	50.69 2.94 0.00	39.49 2.25 0.00
ASTORIA_GT_7 24107	41.09 2.53 0.00	38.44 2.24 0.00	35.85 2.12 0.00	33.59 2.00 0.00	31.72 2.02 0.00	29.59 1.81 0.00	32.57 1.87 0.00	29.70 1.75 0.00	34.18 2.01 0.00	36.13 2.44 0.00	30.71 2.25 0.00	25.46 1.93 0.00	18.00 1.36 0.00	11.18 0.89 0.00	18.54 1.57 0.00	24.02 2.08 0.00	33.01 2.48 0.00	148.73 8.16 0.00	241.72 12.92 0.00	91.08 5.08 0.00	49.59 2.97 0.00	50.69 2.94 0.00	39.49 2.25 0.00
ASTORIA_GT_8 24108	41.09 2.53 0.00	38.44 2.24 0.00	35.85 2.12 0.00	33.59 2.00 0.00	31.72 2.02 0.00	29.59 1.81 0.00	32.57 1.87 0.00	29.70 1.75 0.00	34.18 2.01 0.00	36.13 2.44 0.00	30.71 2.25 0.00	25.46 1.93 0.00	18.00 1.36 0.00	11.18 0.89 0.00	18.54 1.57 0.00	24.02 2.08 0.00	33.01 2.48 0.00	148.73 8.16 0.00	241.72 12.92 0.00	91.08 5.08 0.00	49.59 2.97 0.00	50.69 2.94 0.00	39.49 2.25 0.00
ASTORIA__2 24149	41.03 2.47 0.00	38.38 2.17 0.00	35.79 2.06 0.00	33.53 1.94 0.00	31.67 1.97 0.00	29.55 1.77 0.00	32.52 1.82 0.00	29.65 1.70 0.00	34.12 1.95 0.00	36.07 2.38 0.00	30.66 2.20 0.00	25.42 1.89 0.00	17.97 1.33 0.00	11.17 0.88 0.00	18.51 1.55 0.00	23.98 2.04 0.00	32.93 2.40 0.00	148.50 7.93 0.00	241.25 12.46 0.00	90.92 4.93 0.00	49.50 2.89 0.00	50.63 2.87 0.00	39.45 2.21 0.00
ASTORIA__3 23516	41.21 2.65 0.00	38.54 2.33 0.00	35.92 2.19 0.00	33.63 2.04 0.00	31.72 2.02 0.00	29.60 1.81 0.00	32.58 1.88 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.43 1.90 0.00	17.98 1.33 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.99 2.47 0.00	148.68 8.11 0.00	241.32 12.53 0.00	91.02 5.02 0.00	49.51 2.89 0.00	50.68 2.92 0.00	39.46 2.22 0.00
ASTORIA__4 23517	41.21 2.65 0.00	38.53 2.33 0.00	35.93 2.20 0.00	33.64 2.05 0.00	31.72 2.02 0.00	29.60 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.44 1.90 0.00	17.98 1.34 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.05 0.00	33.01 2.49 0.00	148.71 8.14 0.00	241.33 12.53 0.00	91.01 5.02 0.00	49.51 2.89 0.00	50.66 2.90 0.00	39.45 2.21 0.00
ASTORIA__5 23518	41.21 2.65 0.00	38.54 2.33 0.00	35.92 2.19 0.00	33.63 2.04 0.00	31.72 2.02 0.00	29.60 1.81 0.00	32.58 1.88 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.43 1.90 0.00	17.98 1.33 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.99 2.47 0.00	148.70 8.14 0.00	241.32 12.53 0.00	91.02 5.02 0.00	49.51 2.89 0.00	50.68 2.92 0.00	39.46 2.22 0.00
AST_ENERGY_2_CC3 323677	41.09 2.53 0.00	38.43 2.22 0.00	35.85 2.11 0.00	33.56 1.97 0.00	31.64 1.94 0.00	29.53 1.75 0.00	32.52 1.82 0.00	29.62 1.67 0.00	34.18 2.01 0.00	36.01 2.32 0.00	30.56 2.10 0.00	25.33 1.79 0.00	17.91 1.26 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.95 2.43 0.00	148.54 7.97 0.00	241.16 12.36 0.00	90.76 4.77 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.29 2.05 0.00
AST_ENERGY_2_CC4 323678	41.09 2.53 0.00	38.43 2.22 0.00	35.85 2.11 0.00	33.56 1.97 0.00	31.64 1.94 0.00	29.53 1.75 0.00	32.52 1.82 0.00	29.62 1.67 0.00	34.18 2.01 0.00	36.01 2.32 0.00	30.56 2.10 0.00	25.33 1.79 0.00	17.91 1.26 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.95 2.43 0.00	148.54 7.97 0.00	241.16 12.36 0.00	90.76 4.77 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.29 2.05 0.00
ATHENS_STG_1	39.99	37.45	34.92	32.68	30.79	28.75	31.69	28.84	33.26	35.03	29.70	24.63	17.46	10.85	17.96	23.24	31.99	144.76	234.93	88.49	48.05	49.16	38.26

23668	1.43 0.00	1.24 0.00	1.19 0.00	1.09 0.00	1.09 0.00	0.96 0.00	0.99 0.00	0.89 0.00	1.09 0.00	1.34 0.00	1.24 0.00	1.09 0.00	0.82 0.00	0.56 0.00	1.00 0.00	1.30 0.00	1.46 0.00	4.19 0.00	6.13 0.00	2.50 0.00	1.43 0.00	1.41 0.00	1.02 0.00
ATHENS_STG_2 23670	39.99 1.43 0.00	37.45 1.24 0.00	34.92 1.19 0.00	32.68 1.09 0.00	30.79 1.09 0.00	28.75 0.96 0.00	31.69 0.99 0.00	28.84 0.89 0.00	33.26 1.09 0.00	35.03 1.34 0.00	29.70 1.24 0.00	24.63 1.09 0.00	17.46 0.82 0.00	10.85 0.56 0.00	17.96 1.00 0.00	23.24 1.30 0.00	31.99 1.46 0.00	144.76 4.19 0.00	234.93 6.13 0.00	88.49 2.50 0.00	48.05 1.43 0.00	49.16 1.41 0.00	38.26 1.02 0.00
ATHENS_STG_3 23677	39.99 1.43 0.00	37.45 1.24 0.00	34.92 1.19 0.00	32.68 1.09 0.00	30.79 1.09 0.00	28.75 0.96 0.00	31.69 0.99 0.00	28.84 0.89 0.00	33.26 1.09 0.00	35.03 1.34 0.00	29.70 1.24 0.00	24.63 1.09 0.00	17.46 0.82 0.00	10.85 0.56 0.00	17.96 1.00 0.00	23.24 1.30 0.00	31.99 1.46 0.00	144.76 4.19 0.00	234.93 6.13 0.00	88.49 2.50 0.00	48.05 1.43 0.00	49.16 1.41 0.00	38.26 1.02 0.00
AUBURN__LFGE 323710	37.92 -0.64 0.00	35.62 -0.59 0.00	33.22 -0.52 0.00	31.20 -0.40 0.00	29.29 -0.41 0.00	27.45 -0.33 0.00	30.91 0.00 -0.21	28.00 0.05 0.00	32.77 0.04 -0.56	35.22 -0.13 -1.66	29.89 -0.11 -1.53	24.75 -0.33 -1.54	17.42 -0.34 -1.11	10.73 -0.22 -0.66	16.68 -0.44 -0.17	21.98 -0.50 -0.53	30.81 -0.52 -0.81	139.13 -1.44 0.00	227.32 -1.48 0.00	81.96 -1.23 2.80	39.31 -0.58 6.73	44.84 -0.54 2.38	36.16 -0.39 0.69
BABYLON_RES_REC 323704	41.37 2.81 0.00	38.65 2.44 0.00	36.03 2.29 0.00	33.74 2.15 0.00	31.81 2.11 0.00	29.66 1.88 0.00	32.46 1.76 0.00	29.63 1.68 0.00	34.37 2.20 0.00	36.43 2.74 0.00	30.89 2.43 0.00	25.54 2.00 0.00	18.01 1.36 0.00	11.13 0.85 0.00	18.61 1.64 0.00	24.19 2.24 0.00	33.42 2.89 0.00	149.57 9.00 0.00	242.21 13.41 0.00	91.56 5.57 0.00	49.79 3.17 0.00	50.98 3.22 0.00	39.78 2.54 0.00
BALL_HILL_WT_PWR 323825	34.89 -3.44 0.24	31.19 -3.20 1.82	26.08 -2.76 4.89	23.47 -2.46 5.67	26.50 -2.43 0.77	25.56 -2.22 0.00	26.65 -2.34 1.70	25.97 -1.98 0.00	25.13 -2.46 4.57	17.05 -3.11 13.54	13.16 -2.81 12.49	8.42 -2.50 12.61	5.59 -1.86 9.20	3.83 -1.07 5.38	5.45 -2.01 9.50	5.33 -2.45 14.17	11.22 -3.25 16.05	106.78 -13.09 20.71	191.41 -19.70 17.69	49.12 -9.02 27.86	14.73 -5.33 26.56	23.53 -5.01 19.22	29.50 -3.79 3.96
BARON_WINDS__WT_PWR 323822	34.07 -3.32 1.17	24.04 -3.24 8.93	6.75 -2.93 24.06	1.06 -2.64 27.89	23.28 -2.62 3.80	25.51 -2.27 0.00	19.85 -2.46 8.39	25.56 -2.39 0.00	6.83 -2.79 22.55	-36.27 -3.20 66.76	-35.77 -2.62 61.61	-40.75 -2.12 62.17	-30.28 -1.64 45.29	-17.27 -1.02 26.54	-26.36 -1.82 41.51	-37.66 -2.33 57.27	-42.87 -2.98 70.43	26.81 -11.92 101.85	124.13 -17.66 87.00	-16.51 -7.61 94.89	-30.31 -4.46 72.46	-25.13 -4.60 68.28	21.76 -3.64 11.84
BARRETT_IC_1 23704	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_10 23701	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_11 23702	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_12 23703	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_2 23705	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_3 23706	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_4 23707	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_5 23708	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_6	40.97	38.36	35.78	33.57	31.66	29.45	32.24	29.39	34.04	36.01	30.60	25.39	17.91	11.10	18.50	24.02	33.04	147.11	237.88	90.56	49.23	50.40	39.38

23709	2.41 0.00	2.15 0.00	2.05 0.00	1.98 0.00	1.95 0.00	1.67 0.00	1.54 0.00	1.44 0.00	1.86 0.00	2.33 0.00	2.14 0.00	1.85 0.00	1.27 0.00	0.81 0.00	1.54 0.00	2.07 0.00	2.51 0.00	6.54 0.00	9.08 0.00	4.57 0.00	2.62 0.00	2.65 0.00	2.13 0.00
BARRETT_IC_7 23710	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.96 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.87 0.00	36.02 2.33 0.00	30.60 2.14 0.00	25.40 1.86 0.00	17.92 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.03 2.08 0.00	33.05 2.52 0.00	147.17 6.60 0.00	237.98 9.18 0.00	90.61 4.61 0.00	49.24 2.63 0.00	50.41 2.65 0.00	39.37 2.13 0.00
BARRETT_IC_8 23711	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT_IC_9 23700	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT___1 23545	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BARRETT___2 23546	40.97 2.41 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.57 1.98 0.00	31.66 1.95 0.00	29.45 1.67 0.00	32.24 1.54 0.00	29.39 1.44 0.00	34.04 1.86 0.00	36.01 2.33 0.00	30.60 2.14 0.00	25.39 1.85 0.00	17.91 1.27 0.00	11.10 0.81 0.00	18.50 1.54 0.00	24.02 2.07 0.00	33.04 2.51 0.00	147.11 6.54 0.00	237.88 9.08 0.00	90.56 4.57 0.00	49.23 2.62 0.00	50.40 2.65 0.00	39.38 2.13 0.00
BATAVIA___115KV_TB1 55881	35.82 -2.62 0.13	32.83 -2.42 0.96	28.98 -2.18 2.58	26.61 -1.99 2.99	27.36 -1.93 0.41	26.01 -1.78 0.00	27.82 -1.98 0.89	26.26 -1.69 0.00	27.72 -2.05 2.40	23.94 -2.64 7.11	19.46 -2.44 6.56	14.61 -2.31 6.62	10.06 -1.75 4.84	6.36 -1.10 2.83	9.55 -1.95 5.47	4.84 -2.36 14.75	11.55 -3.19 15.78	118.62 -11.03 10.93	203.79 -15.67 9.33	61.79 -6.82 17.38	24.58 -3.85 18.18	32.26 -3.50 12.00	32.01 -2.77 2.47
BAYONEEC___CTG1 323682	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BAYONEEC___CTG10 323750	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BAYONEEC___CTG2 323683	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BAYONEEC___CTG3 323684	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BAYONEEC___CTG4 323685	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BAYONEEC___CTG5 323686	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BAYONEEC___CTG6 323687	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BAYONEEC___CTG7 323688	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BAYONEEC___CTG8	41.10	38.45	35.86	33.58	31.66	29.54	32.53	29.64	34.20	36.02	30.58	25.34	17.91	11.14	18.47	23.95	32.96	148.54	241.17	90.75	49.32	50.48	39.30

323689	2.55 0.00	2.24 0.00	2.12 0.00	1.99 0.00	1.96 0.00	1.75 0.00	1.83 0.00	1.69 0.00	2.03 0.00	2.33 0.00	2.11 0.00	1.80 0.00	1.27 0.00	0.85 0.00	1.51 0.00	2.00 0.00	2.43 0.00	7.97 0.00	12.37 0.00	4.76 0.00	2.71 0.00	2.72 0.00	2.06 0.00
BAYONEEC__CTG9 323749	41.10 2.55 0.00	38.45 2.24 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.02 2.33 0.00	30.58 2.11 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.43 0.00	148.54 7.97 0.00	241.17 12.37 0.00	90.75 4.76 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.30 2.06 0.00
BEACON__LESR 323632	40.33 1.77 0.00	37.82 1.61 0.00	35.27 1.53 0.00	33.03 1.43 0.00	31.04 1.34 0.00	29.02 1.24 0.00	32.03 1.33 0.00	29.15 1.20 0.00	33.58 1.41 0.00	35.30 1.61 0.00	29.80 1.33 0.00	24.68 1.15 0.00	17.45 0.81 0.00	10.77 0.48 0.00	17.75 0.79 0.00	23.01 1.06 0.00	32.02 1.50 0.00	146.55 5.98 0.00	237.84 9.04 0.00	89.72 3.73 0.00	48.64 2.03 0.00	49.75 1.99 0.00	38.75 1.51 0.00
BEAVER RIVER__HYD 24048	37.33 -1.23 0.00	34.97 -1.24 0.00	32.55 -1.19 0.00	30.48 -1.12 0.00	28.56 -1.14 0.00	26.91 -0.87 0.00	29.88 -0.82 0.00	27.00 -0.95 0.00	31.30 -0.87 0.00	32.91 -0.78 0.00	27.39 -1.08 0.00	22.45 -1.09 0.00	15.73 -0.92 0.00	9.74 -0.54 0.00	16.30 -0.66 0.00	21.15 -0.80 0.00	29.26 -1.26 0.00	140.75 0.18 0.00	230.28 1.48 0.00	85.78 -0.22 0.00	45.60 -1.02 0.00	45.97 -1.78 0.00	35.86 -1.38 0.00
BEEBEE_GT_13 23619	36.58 -1.98 0.00	34.35 -1.86 0.00	32.02 -1.71 0.00	30.01 -1.59 0.00	28.19 -1.51 0.00	26.42 -1.36 0.00	29.27 -1.43 0.00	26.73 -1.22 0.00	30.71 -1.46 0.00	31.86 -1.83 0.00	26.87 -1.60 0.00	22.07 -1.46 0.00	15.52 -1.11 0.01	9.59 -0.70 0.00	14.71 -1.23 1.03	20.01 -1.47 0.47	29.07 -1.85 -0.39	134.01 -6.57 0.00	219.11 -9.69 0.00	74.97 -4.37 6.65	33.42 -2.53 10.67	40.72 -2.41 4.63	34.25 -1.84 1.15
BENSHRST_27_KV_BENSHRST_1 355998	41.26 2.71 0.00	38.58 2.37 0.00	35.94 2.20 0.00	33.62 2.02 0.00	31.70 1.99 0.00	29.57 1.79 0.00	32.56 1.85 0.00	29.67 1.72 0.00	34.22 2.05 0.00	36.08 2.39 0.00	30.63 2.16 0.00	25.51 1.98 0.00	18.03 1.38 0.00	11.19 0.90 -0.01	18.50 1.54 0.00	23.98 2.03 0.00	33.00 2.48 0.00	148.85 8.27 0.00	241.74 12.94 0.00	91.47 5.48 0.00	49.74 3.13 0.00	50.87 3.12 0.00	39.59 2.34 0.00
BETHLEHEM__GRP 23843	39.95 1.39 0.00	37.47 1.26 0.00	34.94 1.21 0.00	32.73 1.14 0.00	30.77 1.07 0.00	28.75 0.97 0.00	31.73 1.03 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.95 1.26 0.00	29.52 1.06 0.00	24.46 0.92 0.00	17.33 0.68 0.00	10.69 0.41 0.00	17.64 0.68 0.00	22.82 0.87 0.00	31.69 1.16 0.00	144.93 4.36 0.00	235.16 6.36 0.00	88.71 2.71 0.00	48.19 1.57 0.00	49.30 1.54 0.00	38.40 1.16 0.00
BETHLEHEM__GS1 323560	39.95 1.39 0.00	37.47 1.26 0.00	34.94 1.21 0.00	32.73 1.14 0.00	30.76 1.06 0.00	28.75 0.97 0.00	31.73 1.03 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.94 1.25 0.00	29.52 1.06 0.00	24.45 0.92 0.00	17.33 0.68 0.00	10.69 0.40 0.00	17.65 0.69 0.00	22.82 0.87 0.00	31.69 1.17 0.00	144.93 4.36 0.00	235.09 6.29 0.00	88.70 2.71 0.00	48.19 1.57 0.00	49.30 1.54 0.00	38.41 1.17 0.00
BETHLEHEM__GS2 323561	39.95 1.39 0.00	37.47 1.26 0.00	34.94 1.21 0.00	32.73 1.14 0.00	30.76 1.06 0.00	28.75 0.97 0.00	31.73 1.03 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.94 1.25 0.00	29.52 1.06 0.00	24.45 0.92 0.00	17.33 0.68 0.00	10.69 0.40 0.00	17.65 0.69 0.00	22.82 0.87 0.00	31.69 1.17 0.00	144.93 4.36 0.00	235.09 6.29 0.00	88.70 2.71 0.00	48.19 1.57 0.00	49.30 1.54 0.00	38.41 1.17 0.00
BETHLEHEM__GS3 323562	39.95 1.39 0.00	37.47 1.26 0.00	34.94 1.21 0.00	32.73 1.14 0.00	30.76 1.06 0.00	28.75 0.97 0.00	31.73 1.03 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.94 1.25 0.00	29.52 1.06 0.00	24.45 0.92 0.00	17.33 0.68 0.00	10.69 0.40 0.00	17.65 0.69 0.00	22.82 0.87 0.00	31.69 1.17 0.00	144.93 4.36 0.00	235.09 6.29 0.00	88.70 2.71 0.00	48.19 1.57 0.00	49.30 1.54 0.00	38.41 1.17 0.00
BETHLEHEM__STEEL 23779	35.10 -3.23 0.22	31.49 -3.00 1.72	26.42 -2.69 4.62	23.80 -2.43 5.36	26.59 -2.38 0.73	25.60 -2.18 0.00	26.71 -2.38 1.61	25.91 -2.04 0.00	25.32 -2.53 4.32	17.73 -3.17 12.79	13.89 -2.77 11.80	9.09 -2.53 11.91	6.08 -1.88 8.69	4.11 -1.09 5.09	5.98 -1.95 9.03	5.93 -2.40 13.62	11.83 -3.33 15.37	107.92 -13.08 19.57	192.17 -19.91 16.72	50.48 -8.82 26.70	16.42 -5.00 25.19	24.65 -4.71 18.40	30.06 -3.54 3.64
BETHLHEM_115KV_TB1 79974	39.71 1.15 0.00	37.27 1.06 0.00	34.75 1.02 0.00	32.55 0.95 0.00	30.59 0.89 0.00	28.58 0.80 0.00	31.55 0.85 0.00	28.71 0.76 0.00	33.06 0.88 0.00	34.73 1.04 0.00	29.37 0.90 0.00	24.29 0.76 0.00	17.21 0.57 0.00	10.62 0.34 0.00	17.54 0.58 0.00	22.66 0.71 0.00	31.48 0.96 0.00	144.13 3.56 0.00	234.06 5.26 0.00	88.22 2.23 0.00	47.91 1.30 0.00	49.03 1.27 0.00	38.18 0.94 0.00
BETHPAGE_CC_5 323564	41.06 2.50 0.00	38.37 2.17 0.00	35.77 2.04 0.00	33.50 1.91 0.00	31.58 1.88 0.00	29.45 1.67 0.00	32.26 1.55 0.00	29.43 1.48 0.00	34.11 1.94 0.00	36.14 2.45 0.00	30.64 2.17 0.00	25.36 1.82 0.00	17.88 1.24 0.00	11.07 0.78 0.00	18.47 1.51 0.00	24.02 2.07 0.00	33.15 2.62 0.00	148.31 7.74 0.00	240.11 11.31 0.00	90.82 4.83 0.00	49.37 2.75 0.00	50.54 2.79 0.00	39.43 2.19 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.31 -3.03 0.21	31.77 -2.81 1.63	26.81 -2.54 4.39	24.23 -2.28 5.08	26.78 -2.22 0.69	25.76 -2.03 0.00	26.96 -2.21 1.52	26.05 -1.90 0.00	25.72 -2.35 4.10	18.60 -2.95 12.13	14.68 -2.59 11.20	9.85 -2.38 11.30	6.62 -1.78 8.25	4.44 -1.03 4.82	6.45 -1.85 8.67	6.59 -2.28 13.09	12.69 -3.17 14.66	109.77 -12.23 18.57	194.47 -18.47 15.86	51.59 -8.26 26.14	16.94 -4.69 24.97	25.39 -4.41 17.96	30.35 -3.31 3.58
BINGHAMTON__COGEN 23790	38.08 -0.48 0.00	35.76 -0.44 0.00	33.37 -0.36 0.00	31.33 -0.26 0.00	29.40 -0.30 0.00	27.51 -0.28 0.00	30.40 -0.30 0.00	27.66 -0.29 0.00	31.81 -0.36 0.00	33.22 -0.47 0.00	28.07 -0.39 0.00	23.19 -0.34 0.00	16.39 -0.29 -0.03	10.14 -0.15 0.00	18.81 -0.29 -2.14	23.41 -0.39 -1.86	30.14 -0.48 -0.09	139.14 -1.43 0.00	226.72 -2.08 0.00	95.69 -1.19 -10.88	68.88 -0.75 -23.02	55.67 -0.76 -8.67	39.00 -0.63 -2.39
BIXINCNT_115KV_LOAD	35.13	31.75	27.40	25.24	26.59	25.55	27.14	25.84	26.67	22.29	18.19	13.32	9.02	5.82	8.34	9.17	16.02	115.38	201.46	55.26	18.40	28.21	30.89

355685	-3.28 0.15	-3.30 1.15	-3.24 3.10	-2.75 3.60	-2.62 0.49	-2.23 0.00	-2.48 1.08	-2.11 0.00	-2.61 2.89	-2.84 8.57	-2.36 7.91	-2.23 7.98	-1.79 5.83	-1.06 3.41	-1.90 6.72	-2.57 10.21	-3.65 10.86	-12.07 13.13	-16.12 11.22	-7.62 23.11	-4.22 23.99	-3.90 15.65	-3.07 3.28
BLACK RIVER___HYD 24047	36.93 -1.63 0.00	34.50 -1.70 0.00	32.14 -1.59 0.00	30.10 -1.50 0.00	28.17 -1.53 0.00	26.55 -1.24 0.00	29.49 -1.22 0.00	26.67 -1.28 0.00	30.92 -1.25 0.00	32.57 -1.12 0.00	27.06 -1.41 0.00	22.13 -1.40 0.00	15.48 -1.16 0.00	9.59 -0.69 0.00	16.08 -0.88 0.00	20.89 -1.06 0.00	28.85 -1.68 0.00	141.33 0.76 0.00	230.90 2.10 0.00	85.90 -0.09 0.00	45.42 -1.20 0.00	45.77 -1.99 0.00	35.62 -1.62 0.00
BLACKRVR_115KV_TB2 79977	36.93 -1.63 0.00	34.50 -1.70 0.00	32.14 -1.60 0.00	30.10 -1.50 0.00	28.17 -1.53 0.00	26.55 -1.24 0.00	29.49 -1.22 0.00	26.67 -1.28 0.00	30.92 -1.25 0.00	32.57 -1.12 0.00	27.06 -1.40 0.00	22.14 -1.40 0.00	15.48 -1.16 0.00	9.59 -0.69 0.00	16.08 -0.88 0.00	20.89 -1.06 0.00	28.85 -1.68 0.00	141.33 0.76 0.00	230.90 2.10 0.00	85.91 -0.09 0.00	45.42 -1.20 0.00	45.77 -1.99 0.00	35.62 -1.62 0.00
BLDWN_LI_69_KV_BK4 356085	41.21 2.65 0.00	38.54 2.33 0.00	35.92 2.19 0.00	33.67 2.08 0.00	31.74 2.04 0.00	29.58 1.80 0.00	32.41 1.71 0.00	29.56 1.61 0.00	34.24 2.07 0.00	36.24 2.54 0.00	30.74 2.28 0.00	25.47 1.94 0.00	17.96 1.32 0.00	11.12 0.84 0.00	18.56 1.60 0.00	24.12 2.17 0.00	33.25 2.72 0.00	148.55 7.98 0.00	240.33 11.53 0.00	91.27 5.27 0.00	49.57 2.95 0.00	50.72 2.96 0.00	39.57 2.33 0.00
BLISS_WT_PWR 323608	34.87 -3.54 0.15	31.40 -3.65 1.15	27.00 -3.63 3.10	24.92 -3.08 3.60	26.31 -2.90 0.49	25.32 -2.47 0.00	26.90 -2.73 1.08	25.63 -2.32 0.00	26.42 -2.86 2.89	22.15 -2.97 8.57	18.12 -2.43 7.91	13.29 -2.26 7.98	8.93 -1.88 5.83	5.74 -1.14 3.41	8.21 -2.03 6.72	9.01 -2.73 10.21	15.80 -3.87 10.86	114.71 -12.73 13.13	201.07 -16.51 11.22	54.98 -7.90 23.11	17.71 -4.36 24.55	28.16 -3.95 15.65	30.56 -3.21 3.47
BLUESTONE___WT_PWR 323821	37.93 -0.63 0.00	35.57 -0.64 0.00	33.22 -0.52 0.00	31.19 -0.40 0.00	29.36 -0.34 0.00	27.56 -0.22 0.00	30.79 0.09 0.00	28.37 0.42 0.00	32.64 0.47 0.00	34.07 0.38 0.00	29.09 0.62 0.00	23.88 0.35 0.00	16.85 0.19 -0.01	10.45 0.17 0.00	17.93 0.18 -0.79	22.64 -0.10 -0.79	30.80 0.13 -0.15	143.15 2.58 0.00	233.22 4.42 0.00	91.61 0.59 -5.02	55.74 0.46 -8.67	51.26 -0.12 -3.62	37.88 -0.29 -0.93
BLUE_CIRC_CHEM_DRP 24182	39.88 1.32 0.00	37.43 1.23 0.00	34.91 1.18 0.00	32.70 1.10 0.00	30.72 1.02 0.00	28.71 0.93 0.00	31.70 0.99 0.00	28.84 0.89 0.00	33.19 1.02 0.00	34.85 1.16 0.00	29.43 0.96 0.00	24.31 0.78 0.00	17.24 0.60 0.00	10.63 0.34 0.00	17.51 0.55 0.00	22.63 0.69 0.00	31.56 1.04 0.00	144.92 4.35 0.00	235.16 6.36 0.00	88.61 2.61 0.00	48.10 1.48 0.00	49.23 1.47 0.00	38.35 1.11 0.00
BOC_GAS_DRP 24189	39.57 1.01 0.00	37.14 0.93 0.00	34.63 0.90 0.00	32.44 0.85 0.00	30.48 0.78 0.00	28.49 0.70 0.00	31.44 0.75 0.00	28.61 0.66 0.00	32.95 0.78 0.00	34.61 0.92 0.00	29.27 0.81 0.00	24.24 0.71 0.00	17.18 0.53 0.00	10.61 0.33 0.00	17.51 0.55 0.00	22.63 0.68 0.00	31.40 0.87 0.00	143.68 3.11 0.00	233.14 4.34 0.00	87.89 1.90 0.00	47.72 1.11 0.00	48.85 1.09 0.00	38.05 0.81 0.00
BOONVILLE_115KV_TB1 79983	38.35 -0.21 0.00	35.99 -0.21 0.00	33.54 -0.20 0.00	31.41 -0.18 0.00	29.45 -0.25 0.00	27.68 -0.10 0.00	30.68 -0.02 0.00	27.83 -0.12 0.00	32.19 0.02 0.00	33.80 0.11 0.00	28.34 -0.12 0.00	23.36 -0.17 0.00	16.42 -0.22 0.00	10.13 -0.16 0.00	16.84 -0.12 0.00	21.80 -0.15 0.00	30.34 -0.18 0.00	142.80 2.23 0.00	233.19 4.39 0.00	87.18 1.19 0.00	46.83 0.22 0.00	47.54 -0.22 0.00	37.04 -0.20 0.00
BORALEX_4TH_BRANCH 23824	40.29 1.73 0.00	37.75 1.54 0.00	35.17 1.44 0.00	33.04 1.45 0.00	30.98 1.28 0.00	28.98 1.20 0.00	32.05 1.35 0.00	29.12 1.17 0.00	33.57 1.41 0.00	35.27 1.58 0.00	29.79 1.33 0.00	24.75 1.22 0.00	17.60 0.95 0.00	10.83 0.54 0.00	17.86 0.90 0.00	23.05 1.10 0.00	31.96 1.44 0.00	146.18 5.62 0.00	236.14 7.34 0.00	89.33 3.34 0.00	48.69 2.07 0.00	49.79 2.03 0.00	38.64 1.39 0.00
BOWLINE___1 23526	40.54 1.99 0.00	37.94 1.74 0.00	35.42 1.69 0.00	33.18 1.58 0.00	31.26 1.56 0.00	29.15 1.37 0.00	32.10 1.40 0.00	29.22 1.27 0.00	33.70 1.53 0.00	35.47 1.79 0.00	30.09 1.63 0.00	24.93 1.40 0.00	17.63 0.98 0.00	10.96 0.67 0.00	18.15 1.19 0.00	23.54 1.59 0.00	32.44 1.92 0.00	146.78 6.20 0.00	238.39 9.59 0.00	89.66 3.67 0.00	48.66 2.05 0.00	49.81 2.05 0.00	38.79 1.55 0.00
BOWLINE___2 23595	40.54 1.99 0.00	37.94 1.74 0.00	35.42 1.69 0.00	33.18 1.58 0.00	31.26 1.56 0.00	29.15 1.37 0.00	32.10 1.40 0.00	29.22 1.27 0.00	33.70 1.53 0.00	35.47 1.79 0.00	30.09 1.63 0.00	24.93 1.40 0.00	17.63 0.98 0.00	10.96 0.67 0.00	18.15 1.19 0.00	23.54 1.59 0.00	32.44 1.92 0.00	146.78 6.21 0.00	238.39 9.59 0.00	89.66 3.67 0.00	48.67 2.05 0.00	49.81 2.06 0.00	38.79 1.55 0.00
BRADY___115KV_TB2 356060	39.27 0.71 0.00	36.93 0.72 0.00	34.26 0.53 0.00	32.01 0.42 0.00	30.14 0.44 0.00	28.30 0.51 0.00	31.35 0.65 0.00	28.53 0.58 0.00	32.69 0.52 0.00	33.97 0.28 0.00	28.47 0.01 0.00	23.44 -0.09 0.00	16.63 -0.02 0.00	10.28 0.00 0.00	16.91 -0.05 0.00	21.83 -0.12 0.00	30.48 -0.05 0.00	142.65 2.08 0.00	233.20 4.40 0.00	87.36 1.37 0.00	47.16 0.55 0.00	48.21 0.45 0.00	37.69 0.44 0.00
BRANSCOMB___SOLAR 323811	40.11 1.55 0.00	37.62 1.41 0.00	35.06 1.33 0.00	32.86 1.26 0.00	30.88 1.18 0.00	28.92 1.13 0.00	31.99 1.29 0.00	29.08 1.13 0.00	33.48 1.31 0.00	35.07 1.38 0.00	29.46 0.99 0.00	24.35 0.82 0.00	17.25 0.61 0.00	10.58 0.29 0.00	17.45 0.49 0.00	22.66 0.72 0.00	31.77 1.24 0.00	146.62 6.05 0.00	237.91 9.11 0.00	89.68 3.69 0.00	48.65 2.03 0.00	49.71 1.95 0.00	38.61 1.37 0.00
BRDGHMPT_69_KV_BK1 55812	40.96 2.40 0.00	38.23 2.02 0.00	35.64 1.91 0.00	33.38 1.78 0.00	31.52 1.82 0.00	29.31 1.52 0.00	31.88 1.18 0.00	29.20 1.25 0.00	34.02 1.85 0.00	36.23 2.54 0.00	30.67 2.21 0.00	25.35 1.82 0.00	17.85 1.21 0.00	10.97 0.68 0.00	18.38 1.42 0.00	24.00 2.05 0.00	33.26 2.73 0.00	148.46 7.89 0.00	240.70 11.90 0.00	90.71 4.72 0.00	49.81 3.20 0.00	51.35 3.59 0.00	40.37 3.13 0.00
BRENTWOD_69_KV_W. BRTWOOD	41.49	38.76	36.12	33.83	31.90	29.74	32.52	29.68	34.45	36.56	31.00	25.64	18.08	11.16	18.66	24.30	33.57	150.01	242.86	91.67	49.92	51.15	39.93

56703	2.93 0.00	2.55 0.00	2.39 0.00	2.24 0.00	2.21 0.00	1.96 0.00	1.82 0.00	1.73 0.00	2.28 0.00	2.87 0.00	2.54 0.00	2.11 0.00	1.44 0.00	0.88 0.00	1.71 0.00	2.36 0.00	3.04 0.00	9.44 0.00	14.06 0.00	5.68 0.00	3.30 0.00	3.39 0.00	2.69 0.00
BRISTLHL_115KV_TB1 79998	36.91 -1.65 0.00	34.62 -1.58 0.00	32.30 -1.44 0.00	30.25 -1.34 0.00	28.45 -1.25 0.00	26.64 -1.15 0.00	29.47 -1.23 0.00	26.84 -1.11 0.00	30.90 -1.27 0.00	32.34 -1.35 0.00	27.34 -1.12 0.00	22.57 -0.97 0.00	15.93 -0.72 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.25 -1.28 0.00	135.62 -4.95 0.00	221.14 -7.65 0.00	83.08 -2.91 0.00	45.00 -1.61 0.00	46.16 -1.60 0.00	36.00 -1.24 0.00
BROOKHAVEN___DRP 24191	41.21 2.65 0.00	38.48 2.27 0.00	35.88 2.15 0.00	33.62 2.02 0.00	31.73 2.03 0.00	29.50 1.72 0.00	32.13 1.43 0.00	29.39 1.44 0.00	34.20 2.03 0.00	36.37 2.68 0.00	30.83 2.37 0.00	25.50 1.97 0.00	17.98 1.33 0.00	11.07 0.78 0.00	18.53 1.57 0.00	24.18 2.23 0.00	33.44 2.91 0.00	149.17 8.60 0.00	241.67 12.87 0.00	91.04 5.05 0.00	49.59 2.97 0.00	50.84 3.08 0.00	39.86 2.62 0.00
BROOKLYN_NAVY_YARD 23515	41.01 2.45 0.00	38.34 2.14 0.00	35.76 2.03 0.00	33.49 1.89 0.00	31.59 1.89 0.00	29.48 1.69 0.00	32.46 1.77 0.00	29.59 1.64 0.00	34.13 1.96 0.00	35.97 2.28 0.00	30.53 2.07 0.00	25.31 1.78 0.00	17.90 1.25 0.00	11.12 0.84 0.00	18.45 1.49 0.00	23.91 1.97 0.00	32.92 2.39 0.00	148.31 7.74 0.00	240.74 11.94 0.00	90.65 4.65 0.00	49.28 2.66 0.00	50.43 2.67 0.00	39.25 2.01 0.00
BROOKLYN___ARMY_DRP 323595	41.07 2.51 0.00	38.41 2.21 0.00	35.78 2.04 0.00	33.47 1.88 0.00	31.57 1.86 0.00	29.44 1.66 0.00	32.42 1.72 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.87 1.92 0.00	32.84 2.31 0.00	148.01 7.44 0.00	240.40 11.60 0.00	90.97 4.97 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
BROOME_2_LFGE 323671	38.08 -0.48 0.00	35.76 -0.44 0.00	33.38 -0.36 0.00	31.33 -0.26 0.00	29.40 -0.30 0.00	27.51 -0.28 0.00	30.41 -0.29 0.00	27.66 -0.29 0.00	31.81 -0.36 0.00	33.21 -0.48 0.00	28.07 -0.40 0.00	23.19 -0.35 0.00	16.38 -0.29 0.00	10.14 -0.15 0.00	18.80 -0.30 0.00	23.40 -0.40 0.00	30.13 -0.49 0.00	139.14 -1.44 0.00	226.73 -2.07 0.00	95.68 -1.20 0.00	69.05 -0.76 0.00	55.65 -0.77 0.00	39.06 -0.64 0.00
BROOME___LFGE 323600	38.08 -0.48 0.00	35.76 -0.44 0.00	33.38 -0.36 0.00	31.33 -0.26 0.00	29.40 -0.30 0.00	27.51 -0.28 0.00	30.41 -0.29 0.00	27.66 -0.29 0.00	31.81 -0.36 0.00	33.21 -0.48 0.00	28.07 -0.40 0.00	23.19 -0.35 0.00	16.38 -0.29 0.00	10.14 -0.15 0.00	18.80 -0.30 0.00	23.40 -0.40 0.00	30.13 -0.49 0.00	139.14 -1.44 0.00	226.73 -2.07 0.00	95.68 -1.20 0.00	69.05 -0.76 0.00	55.65 -0.77 0.00	39.06 -0.64 0.00
BROWNFLS_115KV_TB_3_5 80003	37.87 -0.69 0.00	35.54 -0.67 0.00	33.02 -0.72 0.00	30.89 -0.71 0.00	29.01 -0.69 0.00	27.29 -0.50 0.00	30.27 -0.43 0.00	27.45 -0.50 0.00	31.66 -0.52 0.00	33.09 -0.60 0.00	27.64 -0.83 0.00	22.70 -0.83 0.00	15.98 -0.67 0.00	9.88 -0.41 0.00	16.42 -0.54 0.00	21.27 -0.67 0.00	29.50 -1.03 0.00	140.20 -0.37 0.00	229.12 0.32 0.00	85.58 -0.42 0.00	45.78 -0.84 0.00	46.43 -1.33 0.00	36.24 -1.00 0.00
BROWNSV1_27_KV_LOAD 356125	41.46 2.90 0.00	38.78 2.57 0.00	36.16 2.42 0.00	33.85 2.26 0.00	31.91 2.21 0.00	29.77 1.99 0.00	32.79 2.09 0.00	29.88 1.93 0.00	34.49 2.32 0.00	36.34 2.65 0.00	30.84 2.37 0.00	25.56 2.03 0.00	18.07 1.42 0.00	11.23 0.95 0.00	18.63 1.67 0.00	24.15 2.20 0.00	33.26 2.74 0.00	149.97 9.40 0.00	243.51 14.71 0.00	91.63 5.64 0.00	49.79 3.17 0.00	50.93 3.18 0.00	39.63 2.39 0.00
BURROWS___LYONSDAL 23803	37.99 -0.57 0.00	35.64 -0.57 0.00	33.20 -0.53 0.00	31.10 -0.50 0.00	29.15 -0.55 0.00	27.43 -0.35 0.00	30.43 -0.27 0.00	27.55 -0.40 0.00	31.91 -0.26 0.00	33.54 -0.15 0.00	28.04 -0.42 0.00	23.10 -0.43 0.00	16.22 -0.43 0.00	10.02 -0.27 0.00	16.70 -0.27 0.00	21.63 -0.31 0.00	30.04 -0.48 0.00	142.17 1.60 0.00	232.34 3.54 0.00	86.74 0.75 0.00	46.47 -0.15 0.00	47.04 -0.72 0.00	36.68 -0.57 0.00
CAITHNESS_CC_1 323624	41.14 2.59 0.00	38.42 2.21 0.00	35.83 2.10 0.00	33.55 1.96 0.00	31.69 1.99 0.00	29.47 1.69 0.00	32.11 1.41 0.00	29.37 1.42 0.00	34.15 1.98 0.00	36.31 2.62 0.00	30.78 2.32 0.00	25.47 1.93 0.00	17.96 1.31 0.00	11.06 0.78 0.00	18.52 1.56 0.00	24.15 2.20 0.00	33.36 2.83 0.00	148.84 8.27 0.00	241.06 12.26 0.00	90.88 4.88 0.00	49.52 2.90 0.00	50.76 3.00 0.00	39.77 2.52 0.00
CALPINE BETH_PAGE_GT4 24209	41.06 2.50 0.00	38.37 2.17 0.00	35.77 2.03 0.00	33.51 1.91 0.00	31.58 1.88 0.00	29.45 1.66 0.00	32.27 1.56 0.00	29.43 1.48 0.00	34.11 1.94 0.00	36.13 2.44 0.00	30.63 2.17 0.00	25.36 1.83 0.00	17.88 1.23 0.00	11.07 0.79 0.00	18.47 1.51 0.00	24.01 2.06 0.00	33.15 2.62 0.00	148.29 7.71 0.00	240.15 11.35 0.00	90.80 4.81 0.00	49.34 2.73 0.00	50.51 2.75 0.00	39.42 2.18 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.06 2.50 0.00	38.37 2.17 0.00	35.77 2.04 0.00	33.49 1.90 0.00	31.58 1.88 0.00	29.45 1.66 0.00	32.26 1.56 0.00	29.43 1.48 0.00	34.11 1.94 0.00	36.13 2.44 0.00	30.64 2.17 0.00	25.36 1.82 0.00	17.88 1.23 0.00	11.07 0.79 0.00	18.47 1.51 0.00	24.01 2.06 0.00	33.13 2.61 0.00	148.26 7.69 0.00	240.04 11.24 0.00	90.78 4.79 0.00	49.34 2.72 0.00	50.51 2.75 0.00	39.43 2.18 0.00
CALPINE_BP_GT1 23823	41.06 2.50 0.00	38.37 2.17 0.00	35.77 2.04 0.00	33.49 1.90 0.00	31.58 1.88 0.00	29.45 1.66 0.00	32.26 1.56 0.00	29.43 1.48 0.00	34.11 1.94 0.00	36.13 2.44 0.00	30.64 2.17 0.00	25.36 1.82 0.00	17.88 1.23 0.00	11.07 0.79 0.00	18.47 1.51 0.00	24.01 2.06 0.00	33.13 2.61 0.00	148.26 7.69 0.00	240.04 11.24 0.00	90.78 4.79 0.00	49.34 2.72 0.00	50.51 2.75 0.00	39.43 2.18 0.00
CALSPAN___DRP 24200	35.10 -3.23 0.22	31.49 -3.00 1.72	26.42 -2.69 4.62	23.80 -2.43 5.36	26.59 -2.38 0.73	25.60 -2.18 0.00	26.71 -2.38 1.61	25.91 -2.04 0.00	25.32 -2.53 4.32	17.73 -3.17 12.79	13.89 -2.77 11.80	9.09 -2.53 11.91	6.08 -1.88 8.69	4.11 -1.09 5.09	5.98 -1.95 9.03	5.93 -2.40 13.62	11.83 -3.33 15.37	107.92 -13.08 19.57	192.17 -19.91 16.72	50.48 -8.82 26.70	16.42 -5.00 25.19	24.65 -4.71 18.40	30.06 -3.54 3.64
CALVERTON___SOLAR	41.25	38.52	35.91	33.63	31.75	29.53	32.13	29.40	34.23	36.41	30.86	25.52	17.99	11.07	18.54	24.20	33.45	149.31	241.97	91.13	49.66	50.93	39.96

323806	2.69 0.00	2.31 0.00	2.18 0.00	2.04 0.00	2.05 0.00	1.74 0.00	1.42 0.00	1.45 0.00	2.06 0.00	2.72 0.00	2.40 0.00	1.98 0.00	1.34 0.00	0.78 0.00	1.58 0.00	2.25 0.00	2.93 0.00	8.73 0.00	13.17 0.00	5.13 0.00	3.04 0.00	3.18 0.00	2.71 0.00
CANDIGU_WT_PWR 323617	34.07 -3.32 1.17	24.04 -3.24 8.93	6.75 -2.93 24.06	1.06 -2.64 27.89	23.28 -2.62 3.80	25.51 -2.27 0.00	19.85 -2.46 8.39	25.56 -2.39 0.00	6.83 -2.79 22.55	-36.27 -3.20 66.76	-35.77 -2.62 61.61	-40.75 -2.12 62.17	-30.28 -1.64 45.29	-17.27 -1.02 26.54	-26.36 -1.82 41.51	-37.66 -2.33 57.27	-42.87 -2.98 70.43	26.81 -11.92 101.85	124.13 -17.66 87.00	-16.51 -7.61 94.89	-30.31 -4.46 72.46	-25.13 -4.60 68.28	21.76 -3.64 11.84
CARR STREET_E__SYR 24060	37.52 -1.04 0.00	35.22 -0.98 0.00	32.85 -0.89 0.00	30.81 -0.79 0.00	28.93 -0.77 0.00	27.08 -0.70 0.00	29.99 -0.71 0.00	27.31 -0.64 0.00	31.44 -0.73 0.00	32.86 -0.83 0.00	27.79 -0.67 0.00	22.96 -0.58 0.00	16.19 -0.46 0.00	10.00 -0.29 0.00	16.45 -0.51 0.00	21.32 -0.63 0.00	29.74 -0.78 0.00	137.60 -2.97 0.00	224.39 -4.41 0.00	84.17 -1.82 0.00	45.59 -1.02 0.00	46.77 -0.99 0.00	36.49 -0.75 0.00
CARTHAGE__PAPER 23857	37.42 -1.14 0.00	35.02 -1.19 0.00	32.61 -1.12 0.00	30.54 -1.05 0.00	28.60 -1.10 0.00	26.96 -0.83 0.00	29.95 -0.75 0.00	27.06 -0.89 0.00	31.37 -0.80 0.00	33.00 -0.69 0.00	27.43 -1.03 0.00	22.45 -1.08 0.00	15.72 -0.92 0.00	9.73 -0.56 0.00	16.29 -0.67 0.00	21.17 -0.77 0.00	29.28 -1.25 0.00	142.27 1.70 0.00	232.63 3.83 0.00	86.56 0.56 0.00	45.88 -0.74 0.00	46.22 -1.54 0.00	36.01 -1.23 0.00
CASSADAGA_WT_PWR 323784	34.60 -3.79 0.17	30.99 -3.90 1.31	27.29 -2.91 3.54	24.90 -2.59 4.10	26.62 -2.53 0.56	25.55 -2.23 0.00	27.32 -2.16 1.23	26.37 -1.59 0.00	26.60 -2.27 3.30	21.00 -2.91 9.78	16.41 -3.03 9.03	11.73 -2.70 9.11	8.08 -1.91 6.66	5.31 -1.09 3.89	7.22 -2.32 7.42	7.94 -2.83 11.18	15.13 -3.28 12.11	112.53 -13.06 14.98	197.05 -18.96 12.79	51.88 -9.79 24.33	15.31 -6.04 25.27	25.41 -5.75 16.60	29.37 -4.27 3.60
CE_DUNWOOD__DRP 24194	40.83 2.27 0.00	38.21 2.00 0.00	35.65 1.92 0.00	33.38 1.79 0.00	31.46 1.76 0.00	29.35 1.57 0.00	32.33 1.63 0.00	29.44 1.49 0.00	33.96 1.79 0.00	35.78 2.09 0.00	30.34 1.88 0.00	25.15 1.62 0.00	17.78 1.13 0.00	11.05 0.76 0.00	18.31 1.35 0.00	23.74 1.79 0.00	32.73 2.20 0.00	147.82 7.24 0.00	239.96 11.16 0.00	90.33 4.33 0.00	49.04 2.43 0.00	50.20 2.44 0.00	39.08 1.84 0.00
CE_MILLWOOD__DRP 24193	40.74 2.18 0.00	38.12 1.92 0.00	35.58 1.85 0.00	33.31 1.72 0.00	31.39 1.69 0.00	29.29 1.50 0.00	32.26 1.55 0.00	29.36 1.42 0.00	33.88 1.71 0.00	35.68 1.99 0.00	30.27 1.80 0.00	25.08 1.55 0.00	17.73 1.09 0.00	11.02 0.73 0.00	18.26 1.30 0.00	23.67 1.72 0.00	32.63 2.11 0.00	147.42 6.85 0.00	239.35 10.55 0.00	90.13 4.13 0.00	48.93 2.31 0.00	50.07 2.31 0.00	38.98 1.74 0.00
CE_NYC2_DRP 24202	41.19 2.64 0.00	38.53 2.32 0.00	35.92 2.19 0.00	33.63 2.03 0.00	31.72 2.01 0.00	29.59 1.80 0.00	32.57 1.87 0.00	29.68 1.73 0.00	34.22 2.05 0.00	36.09 2.40 0.00	30.64 2.17 0.00	25.43 1.90 0.00	17.98 1.33 0.00	11.17 0.89 0.00	18.51 1.55 0.00	23.99 2.05 0.00	33.01 2.48 0.00	148.71 8.14 0.00	241.37 12.57 0.00	91.01 5.02 0.00	49.50 2.88 0.00	50.66 2.90 0.00	39.44 2.20 0.00
CE_NYC_DRP 24195	41.10 2.55 0.00	38.46 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.55 1.76 0.00	32.54 1.84 0.00	29.65 1.70 0.00	34.20 2.03 0.00	36.04 2.35 0.00	30.58 2.12 0.00	25.35 1.82 0.00	17.92 1.28 0.00	11.14 0.86 0.00	18.47 1.51 0.00	23.95 2.01 0.00	32.99 2.47 0.00	148.68 8.11 0.00	241.41 12.61 0.00	90.85 4.86 0.00	49.36 2.75 0.00	50.50 2.74 0.00	39.32 2.07 0.00
CHAFFEE__LFGE 323603	35.28 -3.09 0.19	31.94 -2.84 1.43	27.35 -2.53 3.85	24.85 -2.28 4.47	26.85 -2.24 0.61	25.71 -2.07 0.00	27.12 -2.25 1.34	26.00 -1.95 0.00	26.20 -2.37 3.60	20.06 -2.98 10.66	16.04 -2.59 9.84	11.28 -2.33 9.92	7.62 -1.78 7.25	5.01 -1.04 4.24	7.23 -1.87 7.87	7.80 -2.26 11.90	14.33 -3.11 13.09	111.88 -12.37 16.32	196.08 -18.78 13.94	52.73 -8.38 24.88	16.70 -4.81 25.10	26.29 -4.46 17.01	30.22 -3.39 3.63
CHATEAUG_35_KV_LOAD 355732	38.27 -0.29 0.00	36.13 -0.08 0.00	33.30 -0.44 0.00	31.05 -0.55 0.00	29.24 -0.46 0.00	27.38 -0.40 0.00	30.30 -0.40 0.00	27.58 -0.37 0.00	31.67 -0.50 0.00	33.17 -0.52 0.00	27.93 -0.53 0.00	23.01 -0.53 0.00	16.32 -0.33 0.00	10.01 -0.28 0.00	16.46 -0.50 0.00	21.34 -0.60 0.00	29.81 -0.72 0.00	138.60 -1.97 0.00	226.12 -2.68 0.00	84.73 -1.27 0.00	45.80 -0.82 0.00	46.79 -0.97 0.00	36.58 -0.66 0.00
CHATEAUG_WT_PWR 323614	38.23 -0.33 0.00	36.09 -0.11 0.00	33.27 -0.46 0.00	31.03 -0.56 0.00	29.23 -0.48 0.00	27.37 -0.41 0.00	30.27 -0.43 0.00	27.55 -0.40 0.00	31.63 -0.54 0.00	33.16 -0.53 0.00	27.94 -0.52 0.00	23.02 -0.51 0.00	16.33 -0.31 0.00	10.02 -0.26 0.00	16.49 -0.48 0.00	21.35 -0.60 0.00	29.84 -0.69 0.00	138.57 -2.00 0.00	225.91 -2.89 0.00	84.61 -1.39 0.00	45.73 -0.89 0.00	46.75 -1.01 0.00	36.55 -0.69 0.00
CHAT_HIGH_FALL_HYD 323578	38.27 -0.29 0.00	36.13 -0.08 0.00	33.30 -0.44 0.00	31.05 -0.55 0.00	29.24 -0.46 0.00	27.38 -0.40 0.00	30.30 -0.40 0.00	27.58 -0.37 0.00	31.67 -0.50 0.00	33.17 -0.52 0.00	27.93 -0.53 0.00	23.01 -0.53 0.00	16.32 -0.33 0.00	10.01 -0.28 0.00	16.46 -0.50 0.00	21.34 -0.60 0.00	29.81 -0.72 0.00	138.60 -1.97 0.00	226.12 -2.68 0.00	84.73 -1.27 0.00	45.80 -0.82 0.00	46.79 -0.97 0.00	36.58 -0.66 0.00
CHAUTAUQUA__LFGE 323629	34.90 -3.46 0.21	31.31 -3.31 1.58	26.76 -2.70 4.27	24.25 -2.40 4.95	26.67 -2.36 0.67	25.65 -2.14 0.00	27.03 -2.19 1.48	26.17 -1.78 0.00	25.85 -2.34 3.99	18.85 -3.04 11.80	14.72 -2.85 10.89	10.00 -2.54 10.99	6.76 -1.86 8.02	4.54 -1.05 4.69	6.36 -2.07 8.53	6.62 -2.53 12.79	13.10 -3.18 14.24	109.80 -12.71 18.06	194.69 -18.68 15.43	50.78 -9.03 26.18	15.26 -5.47 25.88	24.58 -5.21 17.97	29.54 -3.92 3.79
CHERRYST_13_KV_LD 356241	41.20 2.65 0.00	38.54 2.33 0.00	35.95 2.21 0.00	33.65 2.06 0.00	31.74 2.03 0.00	29.61 1.83 0.00	32.61 1.91 0.00	29.71 1.76 0.00	34.28 2.11 0.00	36.12 2.44 0.00	30.65 2.19 0.00	25.41 1.88 0.00	17.97 1.32 0.00	11.17 0.88 0.00	18.51 1.55 0.00	24.01 2.06 0.00	33.07 2.54 0.00	149.02 8.45 0.00	241.91 13.11 0.00	91.04 5.05 0.00	49.48 2.86 0.00	50.62 2.86 0.00	39.40 2.16 0.00
CHESTROR_138KV_BK263	40.26	37.71	35.19	32.96	31.04	28.97	31.93	29.05	33.49	35.21	29.85	24.72	17.49	10.87	17.99	23.31	32.18	145.91	237.11	89.20	48.40	49.53	38.56

355645	1.70 0.00	1.51 0.00	1.46 0.00	1.36 0.00	1.34 0.00	1.18 0.00	1.23 0.00	1.10 0.00	1.32 0.00	1.52 0.00	1.38 0.00	1.18 0.00	0.84 0.00	0.58 0.00	1.02 0.00	1.37 0.00	1.65 0.00	5.33 0.00	8.31 0.00	3.20 0.00	1.78 0.00	1.77 0.00	1.32 0.00
CH_MIDHUDSON___DRP 24192	40.66 2.10 0.00	38.08 1.88 0.00	35.52 1.79 0.00	33.24 1.64 0.00	31.31 1.61 0.00	29.24 1.45 0.00	32.25 1.54 0.00	29.34 1.39 0.00	33.82 1.65 0.00	35.59 1.90 0.00	30.15 1.69 0.00	24.99 1.46 0.00	17.70 1.06 0.00	10.98 0.69 0.00	18.17 1.21 0.00	23.57 1.62 0.00	32.52 2.00 0.00	147.41 6.84 0.00	239.35 10.56 0.00	90.12 4.12 0.00	48.92 2.30 0.00	50.02 2.27 0.00	38.93 1.68 0.00
CH_MISC_IPPS 23765	40.84 2.28 0.00	38.23 2.03 0.00	35.66 1.92 0.00	33.38 1.78 0.00	31.44 1.74 0.00	29.36 1.58 0.00	32.38 1.67 0.00	29.47 1.52 0.00	33.95 1.78 0.00	35.71 2.03 0.00	30.26 1.79 0.00	25.06 1.53 0.00	17.76 1.11 0.00	11.02 0.73 0.00	18.24 1.28 0.00	23.65 1.71 0.00	32.66 2.14 0.00	148.14 7.57 0.00	240.59 11.79 0.00	90.56 4.56 0.00	49.12 2.50 0.00	50.24 2.48 0.00	39.09 1.85 0.00
CH_RES_BVR_FALLS 23983	38.44 -0.12 0.00	36.12 -0.08 0.00	33.60 -0.13 0.00	31.45 -0.14 0.00	29.58 -0.12 0.00	27.69 -0.10 0.00	30.61 -0.09 0.00	27.87 -0.08 0.00	32.05 -0.12 0.00	33.54 -0.15 0.00	28.31 -0.15 0.00	23.38 -0.15 0.00	16.55 -0.10 0.00	10.22 -0.07 0.00	16.83 -0.13 0.00	21.78 -0.16 0.00	30.34 -0.19 0.00	139.99 -0.58 0.00	228.00 -0.79 0.00	85.62 -0.37 0.00	46.39 -0.23 0.00	47.50 -0.26 0.00	37.07 -0.18 0.00
CH_RES_NIAGARA 23895	34.03 -4.35 0.19	30.77 -4.01 1.42	26.20 -3.70 3.83	23.74 -3.41 4.45	25.84 -3.26 0.60	24.74 -3.04 0.00	26.01 -3.35 1.33	25.05 -2.90 0.00	25.05 -3.54 3.58	18.74 -4.34 10.60	14.94 -3.73 9.79	10.32 -3.34 9.88	7.02 -2.42 7.21	4.66 -1.42 4.22	6.87 -2.49 7.61	7.01 -3.12 11.82	12.89 -4.44 13.20	106.23 -18.10 16.23	186.15 -28.78 13.87	51.17 -11.94 22.89	17.79 -6.68 22.15	25.64 -6.31 15.81	29.43 -4.66 3.15
CH_RES_SYRACUSE 23985	37.72 -0.84 0.00	35.43 -0.78 0.00	33.04 -0.70 0.00	30.98 -0.62 0.00	29.10 -0.61 0.00	27.24 -0.54 0.00	30.39 -0.31 0.00	27.71 -0.24 0.00	31.90 -0.27 0.00	33.32 -0.37 0.00	28.16 -0.30 0.00	23.19 -0.34 0.00	16.32 -0.32 0.01	10.07 -0.21 0.00	16.10 -0.40 0.46	21.03 -0.45 0.47	29.90 -0.53 0.09	138.55 -2.02 0.00	225.96 -2.84 0.00	84.40 -1.33 0.27	42.39 -0.74 3.48	46.08 -0.70 0.98	36.54 -0.53 0.17
CLINTON_WT_PWR 323605	38.23 -0.33 0.00	36.09 -0.11 0.00	33.27 -0.46 0.00	31.03 -0.56 0.00	29.23 -0.48 0.00	27.37 -0.41 0.00	30.27 -0.43 0.00	27.55 -0.40 0.00	31.63 -0.54 0.00	33.16 -0.53 0.00	27.94 -0.52 0.00	23.02 -0.51 0.00	16.33 -0.31 0.00	10.02 -0.26 0.00	16.49 -0.48 0.00	21.35 -0.60 0.00	29.84 -0.69 0.00	138.57 -2.00 0.00	225.91 -2.89 0.00	84.61 -1.39 0.00	45.73 -0.89 0.00	46.75 -1.01 0.00	36.55 -0.69 0.00
CLINTON___LFGE 323618	38.76 0.20 0.00	36.56 0.36 0.00	33.74 0.01 0.00	31.49 -0.10 0.00	29.65 -0.05 0.00	27.77 -0.01 0.00	30.70 0.00 0.00	27.95 0.00 0.00	32.05 -0.12 0.00	33.63 -0.06 0.00	28.26 -0.20 0.00	23.29 -0.24 0.00	16.49 -0.16 0.00	10.10 -0.18 0.00	16.61 -0.35 0.00	21.54 -0.40 0.00	30.21 -0.31 0.00	140.74 0.17 0.00	229.54 0.74 0.00	86.00 0.00 0.00	46.45 -0.17 0.00	47.40 -0.36 0.00	36.99 -0.25 0.00
COBBLENY_34_KV_TB1 80064	35.28 -3.09 0.19	31.93 -2.85 1.43	27.33 -2.55 3.85	24.82 -2.31 4.47	26.84 -2.26 0.61	25.71 -2.07 0.00	27.10 -2.26 1.34	26.00 -1.95 0.00	26.18 -2.39 3.60	20.01 -3.02 10.66	15.98 -2.65 9.84	11.18 -2.43 9.92	7.60 -1.81 7.25	5.01 -1.04 4.24	7.22 -1.87 7.87	7.74 -2.31 11.90	14.22 -3.21 13.09	111.74 -12.51 16.32	195.83 -19.03 13.94	52.67 -8.44 24.88	17.21 -4.81 24.59	26.22 -4.52 17.01	30.39 -3.40 3.46
COFFEEN__115KV_TB3 355620	37.08 -1.48 0.00	34.66 -1.55 0.00	32.27 -1.47 0.00	30.21 -1.38 0.00	28.28 -1.42 0.00	26.65 -1.13 0.00	29.61 -1.09 0.00	26.79 -1.17 0.00	31.06 -1.12 0.00	32.70 -0.99 0.00	27.17 -1.30 0.00	22.23 -1.31 0.00	15.53 -1.11 0.00	9.62 -0.66 0.00	16.12 -0.84 0.00	20.95 -1.00 0.00	28.90 -1.63 0.00	141.98 1.41 0.00	231.98 3.18 0.00	86.33 0.34 0.00	45.65 -0.96 0.00	46.02 -1.75 0.00	35.78 -1.46 0.00
COLDSPRG_115KV_BK1 355956	36.15 -2.29 0.12	33.13 -2.19 0.89	29.70 -1.65 2.39	27.43 -1.40 2.77	27.90 -1.42 0.38	26.55 -1.24 0.00	28.65 -1.23 0.83	26.99 -0.96 0.00	28.57 -1.37 2.23	25.17 -1.94 6.59	20.49 -1.90 6.08	15.66 -1.74 6.13	10.85 -1.31 4.49	6.94 -0.73 2.62	9.80 -1.50 5.67	11.45 -1.86 8.64	19.44 -2.34 8.75	122.11 -8.35 10.11	208.49 -11.67 8.63	58.31 -6.29 21.39	18.98 -3.89 23.74	29.68 -3.65 14.43	31.43 -2.69 3.12
COLONIE_LFGE__ 323577	39.87 1.31 0.00	37.39 1.18 0.00	34.85 1.12 0.00	32.66 1.06 0.00	30.69 0.98 0.00	28.70 0.92 0.00	31.71 1.01 0.00	28.84 0.89 0.00	33.22 1.05 0.00	34.89 1.20 0.00	29.42 0.96 0.00	24.38 0.84 0.00	17.29 0.64 0.00	10.64 0.35 0.00	17.56 0.60 0.00	22.73 0.79 0.00	31.64 1.11 0.00	145.02 4.44 0.00	235.13 6.33 0.00	88.78 2.79 0.00	48.22 1.61 0.00	49.32 1.56 0.00	38.36 1.11 0.00
COOPERNY_115KV_TB1 80082	39.82 1.26 0.00	37.33 1.13 0.00	34.84 1.11 0.00	32.64 1.04 0.00	30.71 1.01 0.00	28.67 0.89 0.00	31.62 0.92 0.00	28.78 0.83 0.00	33.16 0.99 0.00	34.82 1.13 0.00	29.53 1.06 0.00	24.45 0.92 0.00	17.29 0.64 0.00	10.73 0.45 0.00	17.76 0.80 0.00	22.99 1.04 0.00	31.77 1.25 0.00	144.60 4.02 0.00	234.96 6.16 0.00	88.34 2.34 0.00	47.95 1.33 0.00	49.06 1.30 0.00	38.19 0.95 0.00
COPENHAGEN_WT_PWR 323753	36.42 -2.14 0.00	34.04 -2.17 0.00	31.70 -2.03 0.00	29.69 -1.90 0.00	27.79 -1.91 0.00	26.18 -1.60 0.00	29.08 -1.62 0.00	26.31 -1.64 0.00	30.56 -1.62 0.00	32.22 -1.47 0.00	26.75 -1.71 0.00	21.88 -1.65 0.00	15.30 -1.34 0.00	9.49 -0.79 0.00	15.96 -1.00 0.00	20.75 -1.20 0.00	28.65 -1.88 0.00	140.10 -0.47 0.00	228.67 -0.13 0.00	85.15 -0.84 0.00	44.85 -1.76 0.00	45.22 -2.54 0.00	35.21 -2.03 0.00
CORNELL____ 23752	38.37 -0.25 -0.07	36.45 -0.26 -0.50	34.90 -0.19 -1.36	33.05 -0.12 -1.57	29.77 -0.14 -0.21	27.69 -0.09 0.00	31.23 0.05 -0.48	28.03 0.08 0.00	33.52 0.05 -1.29	37.40 -0.12 -3.83	31.94 -0.06 -3.53	26.82 -0.28 -3.57	18.91 -0.31 -2.58	11.59 -0.21 -1.52	17.48 -0.40 -0.92	23.22 -0.50 -1.77	33.76 -0.45 -3.68	146.27 -0.05 -5.75	235.01 1.30 -4.91	91.60 0.04 -5.56	35.43 -0.08 11.11	48.74 -0.12 -1.10	36.27 -0.13 0.85
CORONAAV_69_KV_TB1	41.21	38.55	35.94	33.67	31.75	29.59	32.47	29.60	34.26	36.20	30.71	25.45	17.96	11.13	18.54	24.06	33.18	148.80	241.06	91.20	49.54	50.70	39.51

355595	2.66 0.00	2.34 0.00	2.21 0.00	2.08 0.00	2.04 0.00	1.81 0.00	1.77 0.00	1.65 0.00	2.08 0.00	2.51 0.00	2.24 0.00	1.91 0.00	1.31 0.00	0.84 0.00	1.58 0.00	2.12 0.00	2.66 0.00	8.23 0.00	12.26 0.00	5.20 0.00	2.92 0.00	2.94 0.00	2.28 0.00
CORTLAND_115KV_TB3 80093	38.22 -0.34 0.00	35.88 -0.32 0.00	33.48 -0.25 0.00	31.42 -0.18 0.00	29.49 -0.21 0.00	27.60 -0.18 0.00	30.58 -0.12 0.00	27.84 -0.11 0.00	32.05 -0.12 0.00	33.49 -0.21 0.00	28.31 -0.16 0.00	23.30 -0.23 0.00	16.40 -0.24 0.00	10.13 -0.16 0.00	16.67 -0.29 0.00	21.58 -0.36 0.00	30.15 -0.38 0.00	140.14 -0.44 0.00	228.83 0.04 0.00	87.70 -0.31 -2.02	46.35 -0.26 0.00	48.29 -0.30 -0.83	36.98 -0.26 0.00
COXSACKIE___GT 23611	41.44 2.88 0.00	38.83 2.62 0.00	36.19 2.46 0.00	33.89 2.30 0.00	31.85 2.15 0.00	29.84 2.05 0.00	33.06 2.35 0.00	30.14 2.19 0.00	34.62 2.45 0.00	36.26 2.57 0.00	30.35 1.88 0.00	25.19 1.66 0.00	17.67 1.02 0.00	10.88 0.60 0.00	17.89 0.92 0.00	23.16 1.21 0.00	32.41 1.88 0.00	150.64 10.07 0.00	244.14 15.34 0.00	92.85 6.86 0.00	50.32 3.71 0.00	51.37 3.61 0.00	39.90 2.65 0.00
CPV_VALLEY___CC1 323721	39.93 1.37 0.00	37.41 1.21 0.00	34.92 1.19 0.00	32.71 1.12 0.00	30.81 1.11 0.00	28.75 0.96 0.00	31.69 0.99 0.00	28.84 0.89 0.00	33.24 1.06 0.00	34.94 1.25 0.00	29.63 1.17 0.00	24.54 1.01 0.00	17.37 0.72 0.00	10.80 0.51 0.00	17.86 0.90 0.00	23.13 1.18 0.00	31.90 1.38 0.00	144.76 4.19 0.00	235.21 6.41 0.00	88.50 2.50 0.00	48.02 1.40 0.00	49.14 1.38 0.00	38.27 1.03 0.00
CPV_VALLEY___CC2 323722	39.93 1.37 0.00	37.41 1.21 0.00	34.92 1.19 0.00	32.71 1.12 0.00	30.81 1.11 0.00	28.75 0.96 0.00	31.69 0.99 0.00	28.84 0.89 0.00	33.24 1.06 0.00	34.94 1.25 0.00	29.63 1.17 0.00	24.54 1.01 0.00	17.37 0.72 0.00	10.80 0.51 0.00	17.86 0.90 0.00	23.13 1.18 0.00	31.90 1.38 0.00	144.76 4.19 0.00	235.21 6.41 0.00	88.50 2.50 0.00	48.02 1.40 0.00	49.14 1.38 0.00	38.27 1.03 0.00
CRESCENT___HYD 24018	39.87 1.31 0.00	37.39 1.18 0.00	34.85 1.12 0.00	32.66 1.06 0.00	30.69 0.98 0.00	28.70 0.92 0.00	31.71 1.01 0.00	28.84 0.89 0.00	33.22 1.05 0.00	34.89 1.20 0.00	29.42 0.96 0.00	24.38 0.84 0.00	17.29 0.64 0.00	10.64 0.35 0.00	17.56 0.60 0.00	22.73 0.79 0.00	31.64 1.11 0.00	145.02 4.44 0.00	235.13 6.33 0.00	88.78 2.79 0.00	48.22 1.61 0.00	49.32 1.56 0.00	38.36 1.11 0.00
CRICKET___VALLEY_CC1 323756	40.41 1.85 0.00	37.86 1.65 0.00	35.31 1.58 0.00	33.00 1.41 0.00	31.13 1.43 0.00	29.06 1.28 0.00	32.08 1.38 0.00	29.16 1.21 0.00	33.63 1.46 0.00	35.43 1.74 0.00	30.01 1.54 0.00	24.87 1.34 0.00	17.63 0.98 0.00	10.93 0.64 0.00	18.11 1.15 0.00	23.45 1.51 0.00	32.31 1.78 0.00	146.20 5.63 0.00	237.20 8.40 0.00	89.38 3.38 0.00	48.54 1.93 0.00	49.64 1.88 0.00	38.62 1.38 0.00
CRICKET___VALLEY_CC2 323757	40.41 1.85 0.00	37.86 1.65 0.00	35.31 1.58 0.00	33.00 1.41 0.00	31.13 1.43 0.00	29.06 1.28 0.00	32.08 1.38 0.00	29.16 1.21 0.00	33.63 1.46 0.00	35.43 1.74 0.00	30.01 1.54 0.00	24.87 1.34 0.00	17.63 0.98 0.00	10.93 0.64 0.00	18.11 1.15 0.00	23.45 1.51 0.00	32.31 1.78 0.00	146.20 5.63 0.00	237.20 8.40 0.00	89.38 3.38 0.00	48.54 1.93 0.00	49.64 1.88 0.00	38.62 1.38 0.00
CRICKET___VALLEY_CC3 323758	40.41 1.85 0.00	37.86 1.65 0.00	35.31 1.58 0.00	33.00 1.41 0.00	31.13 1.43 0.00	29.06 1.28 0.00	32.08 1.38 0.00	29.16 1.21 0.00	33.63 1.46 0.00	35.43 1.74 0.00	30.01 1.54 0.00	24.87 1.34 0.00	17.63 0.98 0.00	10.93 0.64 0.00	18.11 1.15 0.00	23.45 1.51 0.00	32.31 1.78 0.00	146.20 5.63 0.00	237.20 8.40 0.00	89.38 3.38 0.00	48.54 1.93 0.00	49.64 1.88 0.00	38.62 1.38 0.00
CRUCIBLE_METL_DRP 24180	37.72 -0.84 0.00	35.43 -0.78 0.00	33.04 -0.70 0.00	30.98 -0.62 0.00	29.09 -0.61 0.00	27.24 -0.54 0.00	30.39 -0.30 0.00	27.71 -0.24 0.00	31.90 -0.27 0.00	33.31 -0.38 0.00	28.16 -0.30 0.00	23.19 -0.34 0.00	16.31 -0.33 0.01	10.07 -0.21 0.00	16.10 -0.40 0.46	21.02 -0.46 0.47	29.90 -0.54 0.09	138.55 -2.02 0.00	225.95 -2.84 0.00	84.39 -1.33 0.27	42.39 -0.74 3.48	46.08 -0.71 0.98	36.54 -0.53 0.17
DAHOWA___HYDRO 323763	40.19 1.63 0.00	37.68 1.48 0.00	35.13 1.40 0.00	32.92 1.32 0.00	30.93 1.23 0.00	28.99 1.21 0.00	32.08 1.37 0.00	29.17 1.22 0.00	33.58 1.41 0.00	35.16 1.47 0.00	29.50 1.03 0.00	24.38 0.85 0.00	17.27 0.62 0.00	10.59 0.30 0.00	17.45 0.49 0.00	22.69 0.75 0.00	31.84 1.32 0.00	147.15 6.58 0.00	238.79 9.99 0.00	90.00 4.01 0.00	48.81 2.20 0.00	49.84 2.08 0.00	38.68 1.44 0.00
DANC___LFG 323619	36.64 -1.92 0.00	34.27 -1.94 0.00	31.93 -1.81 0.00	29.91 -1.69 0.00	28.03 -1.67 0.00	26.36 -1.42 0.00	29.25 -1.45 0.00	26.52 -1.43 0.00	30.72 -1.45 0.00	32.32 -1.37 0.00	26.98 -1.49 0.00	22.11 -1.42 0.00	15.51 -1.14 0.00	9.60 -0.68 0.00	16.01 -0.94 0.00	20.81 -1.14 0.00	28.83 -1.69 0.00	139.16 -1.41 0.00	227.25 -1.54 0.00	84.80 -1.19 0.00	45.03 -1.58 0.00	45.60 -2.16 0.00	35.52 -1.72 0.00
DANSKAMMER___1 23586	40.84 2.28 0.00	38.23 2.03 0.00	35.66 1.92 0.00	33.38 1.78 0.00	31.44 1.74 0.00	29.36 1.58 0.00	32.38 1.67 0.00	29.47 1.52 0.00	33.95 1.78 0.00	35.71 2.03 0.00	30.26 1.79 0.00	25.06 1.53 0.00	17.76 1.11 0.00	11.02 0.73 0.00	18.24 1.28 0.00	23.65 1.71 0.00	32.66 2.14 0.00	148.14 7.57 0.00	240.59 11.79 0.00	90.56 4.56 0.00	49.12 2.50 0.00	50.24 2.48 0.00	39.09 1.85 0.00
DANSKAMMER___2 23589	40.84 2.28 0.00	38.23 2.03 0.00	35.66 1.92 0.00	33.38 1.78 0.00	31.44 1.74 0.00	29.36 1.58 0.00	32.38 1.67 0.00	29.47 1.52 0.00	33.95 1.78 0.00	35.71 2.03 0.00	30.26 1.79 0.00	25.06 1.53 0.00	17.76 1.11 0.00	11.02 0.73 0.00	18.24 1.28 0.00	23.65 1.71 0.00	32.66 2.14 0.00	148.14 7.57 0.00	240.59 11.79 0.00	90.56 4.56 0.00	49.12 2.50 0.00	50.24 2.48 0.00	39.09 1.85 0.00
DANSKAMMER___3 23590	40.84 2.28 0.00	38.23 2.03 0.00	35.66 1.92 0.00	33.38 1.78 0.00	31.44 1.74 0.00	29.36 1.58 0.00	32.38 1.67 0.00	29.47 1.52 0.00	33.95 1.78 0.00	35.71 2.03 0.00	30.26 1.79 0.00	25.06 1.53 0.00	17.76 1.11 0.00	11.02 0.73 0.00	18.24 1.28 0.00	23.65 1.71 0.00	32.66 2.14 0.00	148.14 7.57 0.00	240.59 11.79 0.00	90.56 4.56 0.00	49.12 2.50 0.00	50.24 2.48 0.00	39.09 1.85 0.00
DANSKAMMER___4	40.84	38.23	35.66	33.38	31.44	29.36	32.38	29.47	33.95	35.71	30.26	25.06	17.76	11.02	18.24	23.65	32.66	148.14	240.59	90.56	49.12	50.24	39.09

23591	2.28 0.00	2.03 0.00	1.92 0.00	1.78 0.00	1.74 0.00	1.58 0.00	1.67 0.00	1.52 0.00	1.78 0.00	2.03 0.00	1.79 0.00	1.53 0.00	1.11 0.00	0.73 0.00	1.28 0.00	1.71 0.00	2.14 0.00	7.57 0.00	11.79 0.00	4.56 0.00	2.50 0.00	2.48 0.00	1.85 0.00
DANSKAMMER___DIESEL 23592	40.84 2.28 0.00	38.24 2.03 0.00	35.66 1.93 0.00	33.38 1.79 0.00	31.45 1.74 0.00	29.36 1.58 0.00	32.38 1.68 0.00	29.47 1.52 0.00	33.95 1.78 0.00	35.71 2.03 0.00	30.26 1.79 0.00	25.07 1.53 0.00	17.76 1.11 0.00	11.02 0.73 0.00	18.24 1.28 0.00	23.65 1.71 0.00	32.67 2.14 0.00	148.15 7.58 0.00	240.60 11.80 0.00	90.55 4.56 0.00	49.13 2.51 0.00	50.24 2.49 0.00	39.09 1.84 0.00
DARBY___SOLAR 323810	40.10 1.54 0.00	37.61 1.41 0.00	35.06 1.32 0.00	32.85 1.26 0.00	30.87 1.17 0.00	28.92 1.13 0.00	31.98 1.29 0.00	29.08 1.13 0.00	33.48 1.31 0.00	35.06 1.37 0.00	29.44 0.97 0.00	24.33 0.80 0.00	17.24 0.60 0.00	10.57 0.29 0.00	17.45 0.48 0.00	22.67 0.72 0.00	31.78 1.25 0.00	146.67 6.09 0.00	237.99 9.19 0.00	89.68 3.69 0.00	48.64 2.03 0.00	49.71 1.95 0.00	38.60 1.36 0.00
DASHVILLE___HYD 23610	40.38 1.82 0.00	37.84 1.63 0.00	35.28 1.55 0.00	33.03 1.44 0.00	31.09 1.39 0.00	29.04 1.25 0.00	32.02 1.32 0.00	29.13 1.18 0.00	33.57 1.40 0.00	35.28 1.59 0.00	29.91 1.45 0.00	24.84 1.31 0.00	17.59 0.94 0.00	10.90 0.61 0.00	18.03 1.08 0.00	23.37 1.42 0.00	32.26 1.73 0.00	146.32 5.75 0.00	237.71 8.91 0.00	89.55 3.55 0.00	48.60 1.98 0.00	49.71 1.95 0.00	38.68 1.44 0.00
DELAWARE___LFGE 323621	39.16 0.60 0.00	36.80 0.59 0.00	34.31 0.58 0.00	32.15 0.55 0.00	30.21 0.51 0.00	28.23 0.45 0.00	31.20 0.49 0.00	28.41 0.46 0.00	32.73 0.56 0.00	34.29 0.60 0.00	29.06 0.59 0.00	24.01 0.48 0.00	16.98 0.32 -0.01	10.51 0.22 0.00	18.01 0.38 -0.67	23.05 0.43 -0.68	31.23 0.58 -0.13	143.14 2.57 0.00	232.85 4.05 0.00	91.06 1.34 -3.72	54.59 0.71 -7.25	51.25 0.64 -2.84	38.45 0.45 -0.76
DERFIELD_115KV_TB7 355931	38.56 0.00 0.00	36.21 0.00 0.00	33.73 0.00 0.00	31.59 0.00 0.00	29.70 0.00 0.00	27.76 -0.02 0.00	30.68 -0.02 0.00	27.92 -0.03 0.00	32.17 0.00 0.00	33.72 0.03 0.00	28.49 0.03 0.00	23.56 0.02 0.00	16.67 0.02 0.00	10.30 0.01 0.00	16.99 0.04 0.00	21.97 0.03 0.00	30.56 0.03 0.00	140.74 0.17 0.00	229.03 0.23 0.00	86.09 0.09 0.00	46.67 0.05 0.00	47.80 0.04 0.00	37.25 0.00 0.00
DOGLEVILLE___HYD 23807	39.67 1.11 0.00	37.16 0.95 0.00	34.64 0.91 0.00	32.50 0.90 0.00	30.41 0.71 0.00	28.36 0.57 0.00	31.37 0.67 0.00	28.60 0.65 0.00	32.81 0.64 0.00	34.45 0.76 0.00	29.01 0.55 0.00	23.77 0.23 0.00	16.78 0.14 0.00	10.30 0.02 0.00	17.02 0.05 0.00	22.09 0.14 0.00	31.27 0.75 0.00	145.47 4.90 0.00	235.88 7.08 0.00	88.69 2.70 0.00	48.04 1.42 0.00	48.94 1.18 0.00	37.79 0.55 0.00
DUNKIRK__115KV_TB_200 55889	34.94 -3.41 0.21	31.35 -3.25 1.61	26.71 -2.69 4.34	24.17 -2.39 5.03	26.66 -2.36 0.68	25.66 -2.13 0.00	26.98 -2.21 1.51	26.14 -1.82 0.00	25.76 -2.36 4.05	18.64 -3.05 12.00	14.55 -2.84 11.07	9.79 -2.57 11.18	6.63 -1.86 8.16	4.47 -1.05 4.77	6.29 -2.03 8.64	6.49 -2.51 12.95	12.84 -3.24 14.45	109.51 -12.70 18.36	194.18 -18.94 15.68	50.65 -8.99 26.36	15.81 -5.38 25.42	24.51 -5.15 18.10	29.75 -3.87 3.63
DUNKIRK___1 23563	34.94 -3.41 0.21	31.35 -3.25 1.61	26.71 -2.69 4.34	24.17 -2.39 5.03	26.66 -2.36 0.68	25.66 -2.13 0.00	26.98 -2.21 1.51	26.14 -1.82 0.00	25.76 -2.36 4.05	18.64 -3.05 12.00	14.55 -2.84 11.07	9.79 -2.57 11.18	6.63 -1.86 8.16	4.47 -1.05 4.77	6.29 -2.03 8.64	6.49 -2.51 12.95	12.84 -3.24 14.45	109.51 -12.70 18.36	194.18 -18.94 15.68	50.65 -8.99 26.36	15.81 -5.38 25.42	24.51 -5.15 18.10	29.75 -3.87 3.63
DUNKIRK___2 23564	34.94 -3.41 0.21	31.35 -3.25 1.61	26.71 -2.69 4.34	24.17 -2.39 5.03	26.66 -2.36 0.68	25.66 -2.13 0.00	26.98 -2.21 1.51	26.14 -1.82 0.00	25.76 -2.36 4.05	18.64 -3.05 12.00	14.55 -2.84 11.07	9.79 -2.57 11.18	6.63 -1.86 8.16	4.47 -1.05 4.77	6.29 -2.03 8.64	6.49 -2.51 12.95	12.84 -3.24 14.45	109.51 -12.70 18.36	194.18 -18.94 15.68	50.65 -8.99 26.36	15.81 -5.38 25.42	24.51 -5.15 18.10	29.75 -3.87 3.63
DUNKIRK___3 23565	35.01 -3.32 0.23	31.35 -3.11 1.74	26.40 -2.64 4.69	23.81 -2.35 5.43	26.64 -2.32 0.74	25.67 -2.12 0.00	26.83 -2.25 1.63	26.06 -1.89 0.00	25.39 -2.40 4.38	17.67 -3.05 12.97	13.72 -2.77 11.97	8.95 -2.50 12.08	6.01 -1.82 8.82	4.09 -1.03 5.16	5.82 -1.95 9.19	5.81 -2.42 13.71	11.85 -3.22 15.46	108.04 -12.69 19.85	192.70 -19.15 16.95	49.79 -8.85 27.36	15.55 -5.21 25.85	23.97 -4.96 18.82	29.77 -3.74 3.73
DUNKIRK___4 23566	35.01 -3.32 0.23	31.35 -3.11 1.74	26.40 -2.64 4.69	23.81 -2.35 5.43	26.64 -2.32 0.74	25.67 -2.12 0.00	26.83 -2.25 1.63	26.06 -1.89 0.00	25.39 -2.40 4.38	17.67 -3.05 12.97	13.72 -2.77 11.97	8.95 -2.50 12.08	6.01 -1.82 8.82	4.09 -1.03 5.16	5.82 -1.95 9.19	5.81 -2.42 13.71	11.85 -3.22 15.46	108.04 -12.69 19.85	192.70 -19.15 16.95	49.79 -8.85 27.36	15.55 -5.21 25.85	23.97 -4.96 18.82	29.77 -3.74 3.73
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.95 2.39 0.00	38.32 2.12 0.00	35.75 2.02 0.00	33.47 1.87 0.00	31.54 1.84 0.00	29.43 1.65 0.00	32.41 1.71 0.00	29.52 1.57 0.00	34.05 1.88 0.00	35.88 2.19 0.00	30.43 1.97 0.00	25.23 1.70 0.00	17.84 1.19 0.00	11.08 0.80 0.00	18.37 1.41 0.00	23.82 1.87 0.00	32.83 2.30 0.00	148.15 7.57 0.00	240.47 11.67 0.00	90.55 4.55 0.00	49.17 2.55 0.00	50.32 2.56 0.00	39.18 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.54 1.98 0.00	37.96 1.76 0.00	35.42 1.69 0.00	33.17 1.57 0.00	31.24 1.54 0.00	29.16 1.37 0.00	32.15 1.44 0.00	29.25 1.30 0.00	33.70 1.53 0.00	35.43 1.74 0.00	30.03 1.57 0.00	24.88 1.34 0.00	17.62 0.97 0.00	10.93 0.65 0.00	18.10 1.14 0.00	23.48 1.53 0.00	32.40 1.88 0.00	147.00 6.43 0.00	238.82 10.02 0.00	89.87 3.88 0.00	48.76 2.15 0.00	49.87 2.11 0.00	38.82 1.58 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.16 2.60 0.00	38.52 2.31 0.00	35.90 2.17 0.00	33.63 2.04 0.00	31.73 2.03 0.00	29.59 1.81 0.00	32.59 1.89 0.00	29.68 1.73 0.00	34.19 2.02 0.00	36.07 2.38 0.00	30.64 2.18 0.00	25.41 1.88 0.00	17.97 1.32 0.00	11.16 0.88 0.00	18.50 1.54 0.00	23.97 2.02 0.00	32.97 2.44 0.00	148.72 8.15 0.00	241.55 12.75 0.00	91.05 5.05 0.00	49.56 2.94 0.00	50.66 2.90 0.00	39.46 2.22 0.00
E179THST_13_KV_LOAD	41.33	38.66	36.04	33.75	31.83	29.71	32.70	29.79	34.32	36.22	30.77	25.51	18.04	11.21	18.57	24.07	33.11	149.37	242.65	91.45	49.77	50.86	39.61

356214	2.76 0.00	2.46 0.00	2.30 0.00	2.16 0.00	2.13 0.00	1.92 0.00	2.00 0.00	1.84 0.00	2.15 0.00	2.53 0.00	2.31 0.00	1.98 0.00	1.40 0.00	0.92 0.00	1.61 0.00	2.13 0.00	2.58 0.00	8.80 0.00	13.85 0.00	5.45 0.00	3.15 0.00	3.11 0.00	2.37 0.00
EAST HAMPTON___GT 23717	40.50 1.94 0.00	37.79 1.58 0.00	35.23 1.50 0.00	32.98 1.39 0.00	31.15 1.45 0.00	28.97 1.19 0.00	31.51 0.81 0.00	28.88 0.93 0.00	33.66 1.49 0.00	35.86 2.17 0.00	30.35 1.88 0.00	25.08 1.54 0.00	17.65 1.01 0.00	10.84 0.55 0.00	18.17 1.21 0.00	23.73 1.78 0.00	32.88 2.36 0.00	146.85 6.28 0.00	238.03 9.23 0.00	89.87 3.87 0.00	49.63 3.02 0.00	51.38 3.62 0.00	40.43 3.19 0.00
EAST RIVER___6 23660	41.07 2.51 0.00	38.40 2.19 0.00	35.82 2.08 0.00	33.53 1.93 0.00	31.61 1.91 0.00	29.50 1.72 0.00	32.49 1.79 0.00	29.61 1.66 0.00	34.17 2.00 0.00	36.01 2.32 0.00	30.56 2.09 0.00	25.33 1.79 0.00	17.91 1.26 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.97 2.45 0.00	148.56 7.99 0.00	241.17 12.37 0.00	90.77 4.78 0.00	49.31 2.69 0.00	50.45 2.69 0.00	39.26 2.02 0.00
EAST RIVER___7 23524	41.07 2.51 0.00	38.40 2.19 0.00	35.82 2.08 0.00	33.53 1.93 0.00	31.61 1.91 0.00	29.50 1.72 0.00	32.49 1.79 0.00	29.61 1.66 0.00	34.17 2.00 0.00	36.01 2.32 0.00	30.56 2.09 0.00	25.33 1.79 0.00	17.91 1.26 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.97 2.45 0.00	148.56 7.99 0.00	241.17 12.37 0.00	90.77 4.78 0.00	49.31 2.69 0.00	50.45 2.69 0.00	39.26 2.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.83 2.27 0.00	38.21 2.00 0.00	35.65 1.92 0.00	33.38 1.79 0.00	31.46 1.76 0.00	29.35 1.57 0.00	32.33 1.63 0.00	29.44 1.49 0.00	33.96 1.79 0.00	35.78 2.09 0.00	30.34 1.88 0.00	25.15 1.62 0.00	17.78 1.13 0.00	11.05 0.76 0.00	18.31 1.35 0.00	23.74 1.79 0.00	32.73 2.20 0.00	147.82 7.24 0.00	239.96 11.16 0.00	90.33 4.33 0.00	49.04 2.43 0.00	50.20 2.44 0.00	39.08 1.84 0.00
EAST_HAMPTON___DIESEL 23722	40.36 1.80 0.00	37.66 1.45 0.00	35.11 1.37 0.00	32.87 1.28 0.00	31.04 1.34 0.00	28.88 1.09 0.00	31.39 0.69 0.00	28.78 0.83 0.00	33.53 1.36 0.00	35.73 2.04 0.00	30.25 1.79 0.00	24.99 1.46 0.00	17.60 0.95 0.00	10.80 0.52 0.00	18.11 1.15 0.00	23.65 1.70 0.00	32.79 2.26 0.00	146.36 5.78 0.00	237.25 8.45 0.00	89.55 3.56 0.00	49.54 2.93 0.00	51.31 3.55 0.00	40.41 3.17 0.00
EAST_POINT___SOLAR 323840	40.03 1.47 0.00	37.59 1.38 0.00	35.03 1.29 0.00	32.76 1.16 0.00	30.79 1.09 0.00	28.83 1.05 0.00	31.91 1.21 0.00	29.02 1.07 0.00	33.43 1.26 0.00	34.77 1.08 0.00	29.15 0.69 0.00	23.87 0.33 0.00	16.67 0.02 0.00	10.12 -0.17 0.00	16.59 -0.37 0.00	21.49 -0.45 0.00	30.65 0.13 0.00	146.58 6.01 0.00	240.57 11.78 0.00	90.24 4.25 0.00	48.63 2.02 0.00	49.59 1.83 0.00	38.60 1.36 0.00
EAST_PULASKI___ESR 323781	36.95 -1.61 0.00	34.60 -1.60 0.00	32.25 -1.48 0.00	30.21 -1.38 0.00	28.36 -1.34 0.00	26.61 -1.17 0.00	29.50 -1.20 0.00	26.81 -1.14 0.00	30.96 -1.21 0.00	32.49 -1.20 0.00	27.29 -1.17 0.00	22.43 -1.10 0.00	15.78 -0.87 0.00	9.76 -0.53 0.00	16.14 -0.83 0.00	20.94 -1.01 0.00	29.12 -1.40 0.00	138.26 -2.31 0.00	225.73 -3.07 0.00	84.50 -1.50 0.00	45.28 -1.33 0.00	46.12 -1.64 0.00	35.93 -1.31 0.00
EAST_RIVER___1 323558	41.10 2.55 0.00	38.46 2.25 0.00	35.86 2.12 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.55 1.76 0.00	32.53 1.83 0.00	29.65 1.70 0.00	34.21 2.04 0.00	36.04 2.35 0.00	30.58 2.12 0.00	25.35 1.82 0.00	17.92 1.28 0.00	11.14 0.86 0.00	18.47 1.51 0.00	23.95 2.01 0.00	32.98 2.45 0.00	148.68 8.11 0.00	241.39 12.59 0.00	90.83 4.84 0.00	49.36 2.74 0.00	50.51 2.76 0.00	39.32 2.08 0.00
EAST_RIVER___2 323559	41.07 2.51 0.00	38.40 2.19 0.00	35.82 2.08 0.00	33.53 1.93 0.00	31.61 1.91 0.00	29.50 1.72 0.00	32.49 1.79 0.00	29.61 1.66 0.00	34.17 2.00 0.00	36.01 2.32 0.00	30.56 2.09 0.00	25.33 1.79 0.00	17.91 1.26 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.97 2.45 0.00	148.56 7.99 0.00	241.17 12.37 0.00	90.77 4.78 0.00	49.31 2.69 0.00	50.45 2.69 0.00	39.26 2.02 0.00
EAST___DELAWARE_HYD 23607	40.48 1.93 0.00	37.96 1.75 0.00	35.41 1.67 0.00	33.14 1.55 0.00	31.20 1.50 0.00	29.15 1.37 0.00	32.16 1.46 0.00	29.27 1.32 0.00	33.67 1.50 0.00	35.29 1.60 0.00	29.90 1.43 0.00	24.80 1.27 0.00	17.54 0.90 0.00	10.86 0.57 0.00	17.99 1.03 0.00	23.33 1.38 0.00	32.28 1.75 0.00	146.84 6.27 0.00	239.09 10.29 0.00	89.96 3.97 0.00	48.81 2.19 0.00	49.88 2.12 0.00	38.78 1.54 0.00
EIGHT_POINT___WT_PWR 323820	35.13 -4.09 -0.66	37.30 -3.95 -5.04	43.85 -3.47 -13.59	44.11 -3.24 -15.76	28.65 -3.19 -2.14	25.00 -2.79 0.00	32.59 -2.87 -4.75	25.08 -2.87 0.00	41.62 -3.32 -12.77	67.64 -3.85 -37.80	60.28 -3.08 -34.89	56.34 -2.40 -35.21	40.31 -1.91 -25.58	24.08 -1.24 -15.03	32.89 -2.32 -18.25	44.89 -2.96 -25.90	64.40 -3.66 -37.54	185.12 -13.00 -57.54	259.27 -18.68 -49.16	99.08 -8.42 -21.50	26.62 -5.11 14.88	57.36 -5.31 -14.90	34.23 -4.15 -1.14
ELBRIDGE_115KV_TB2 80188	37.54 -1.02 0.00	35.25 -0.95 0.00	32.87 -0.86 0.00	30.83 -0.76 0.00	28.96 -0.74 0.00	27.12 -0.66 0.00	30.42 -0.28 0.00	27.76 -0.19 0.00	31.95 -0.22 0.00	33.32 -0.36 0.00	28.16 -0.30 0.00	23.13 -0.40 0.00	16.25 -0.38 0.01	10.04 -0.25 0.00	15.91 -0.48 0.57	20.82 -0.55 0.58	29.73 -0.69 0.11	137.64 -2.93 0.00	224.52 -4.27 0.00	82.01 -1.88 2.10	41.46 -1.02 4.14	45.18 -0.96 1.62	36.08 -0.73 0.43
ELEC_TRO_TEK 24086	41.03 2.47 0.00	38.37 2.16 0.00	35.77 2.04 0.00	33.51 1.92 0.00	31.59 1.89 0.00	29.45 1.67 0.00	32.31 1.61 0.00	29.46 1.51 0.00	34.10 1.93 0.00	36.05 2.36 0.00	30.58 2.11 0.00	25.33 1.80 0.00	17.87 1.23 0.00	11.08 0.80 0.00	18.46 1.50 0.00	23.97 2.02 0.00	33.06 2.53 0.00	148.05 7.48 0.00	239.90 11.10 0.00	90.76 4.77 0.00	49.31 2.69 0.00	50.46 2.70 0.00	39.34 2.10 0.00
ELLENBURG_WT_PWR 323604	38.23 -0.33 0.00	36.09 -0.11 0.00	33.27 -0.46 0.00	31.03 -0.56 0.00	29.23 -0.48 0.00	27.37 -0.41 0.00	30.27 -0.43 0.00	27.55 -0.40 0.00	31.63 -0.54 0.00	33.16 -0.53 0.00	27.94 -0.52 0.00	23.02 -0.51 0.00	16.33 -0.31 0.00	10.02 -0.26 0.00	16.49 -0.48 0.00	21.35 -0.60 0.00	29.84 -0.69 0.00	138.57 -2.00 0.00	225.91 -2.89 0.00	84.61 -1.39 0.00	45.73 -0.89 0.00	46.75 -1.01 0.00	36.55 -0.69 0.00
ELM_ST_23_KV_LD_REV_LBMP_A	34.78	31.07	25.76	23.07	26.31	25.39	26.32	25.69	24.68	16.28	12.57	7.80	5.15	3.56	5.19	4.87	10.39	104.86	188.42	48.68	15.56	23.43	29.65

345012	-3.53 0.25	-3.26 1.87	-2.93 5.05	-2.67 5.85	-2.59 0.80	-2.39 0.00	-2.62 1.76	-2.26 0.00	-2.77 4.72	-3.44 13.97	-3.00 12.90	-2.72 13.01	-2.00 9.49	-1.17 5.56	-2.08 9.68	-2.57 14.50	-3.59 16.55	-14.34 21.37	-22.12 18.25	-9.62 27.70	-5.45 25.60	-5.13 19.20	-3.84 3.74
EMPIRE_CC_1 323656	39.63 1.07 0.00	37.16 0.95 0.00	34.66 0.93 0.00	32.49 0.90 0.00	30.54 0.84 0.00	28.53 0.74 0.00	31.40 0.70 0.00	28.57 0.62 0.00	32.89 0.72 0.00	34.67 0.98 0.00	29.28 0.81 0.00	24.30 0.77 0.00	17.24 0.59 0.00	10.63 0.34 0.00	17.53 0.57 0.00	22.67 0.72 0.00	31.43 0.90 0.00	143.03 2.46 0.00	231.67 2.87 0.00	87.67 1.68 0.00	47.68 1.07 0.00	48.79 1.03 0.00	38.07 0.83 0.00
EMPIRE_CC_2 323658	39.63 1.07 0.00	37.16 0.95 0.00	34.66 0.93 0.00	32.49 0.90 0.00	30.54 0.84 0.00	28.53 0.74 0.00	31.40 0.70 0.00	28.57 0.62 0.00	32.89 0.72 0.00	34.67 0.98 0.00	29.28 0.81 0.00	24.30 0.77 0.00	17.24 0.59 0.00	10.63 0.34 0.00	17.53 0.57 0.00	22.67 0.72 0.00	31.43 0.90 0.00	143.03 2.46 0.00	231.67 2.87 0.00	87.67 1.68 0.00	47.68 1.07 0.00	48.79 1.03 0.00	38.07 0.83 0.00
ENORWICH_115KV_TB1 80156	38.52 -0.07 -0.03	36.32 -0.11 -0.23	34.38 0.03 -0.61	32.44 0.13 -0.71	30.11 0.31 -0.10	28.26 0.48 0.00	31.84 0.92 -0.22	29.10 1.15 0.00	33.91 1.16 -0.59	36.69 1.27 -1.74	31.21 1.15 -1.60	25.71 0.56 -1.62	18.07 0.24 -1.18	11.04 0.06 -0.69	18.32 0.05 -1.30	23.56 -0.08 -1.69	32.75 0.39 -1.84	149.28 6.11 -2.60	242.66 11.64 -2.23	94.80 2.57 -6.23	52.24 1.17 -4.46	52.41 0.89 -3.76	38.49 0.65 -0.60
ERIE_ST__34_KV_TB1-2 80199	35.87 -2.49 0.20	32.39 -2.27 1.54	27.56 -2.02 4.16	24.98 -1.79 4.82	27.26 -1.79 0.65	26.16 -1.63 0.00	27.47 -1.79 1.45	26.41 -1.54 0.00	26.37 -1.91 3.88	19.69 -2.51 11.49	15.66 -2.19 10.61	10.76 -2.06 10.71	7.29 -1.54 7.82	4.83 -0.89 4.57	7.07 -1.60 8.28	7.41 -1.96 12.58	13.76 -2.74 14.03	112.59 -10.39 17.60	198.22 -15.54 15.03	53.54 -7.10 25.36	18.20 -4.03 24.39	26.64 -3.76 17.36	30.94 -2.81 3.49
ERIE_WT_PWR 323693	35.09 -3.25 0.22	31.49 -3.00 1.72	26.43 -2.68 4.62	23.82 -2.42 5.36	26.59 -2.38 0.73	25.58 -2.21 0.00	26.73 -2.37 1.61	25.89 -2.06 0.00	25.33 -2.52 4.32	17.78 -3.13 12.79	13.93 -2.73 11.80	9.17 -2.45 11.91	6.09 -1.87 8.69	4.11 -1.09 5.09	5.97 -1.96 9.03	5.97 -2.36 13.62	11.90 -3.25 15.37	107.97 -13.03 19.57	192.36 -19.72 16.72	50.56 -8.74 26.70	15.94 -5.02 25.66	24.68 -4.68 18.40	29.90 -3.54 3.80
ESPRGFLD_115KV_TB1 80157	38.93 0.37 0.00	36.59 0.39 0.00	34.12 0.38 0.00	31.91 0.32 0.00	30.00 0.30 0.00	28.04 0.25 0.00	31.01 0.31 0.00	28.21 0.26 0.00	32.57 0.40 0.00	34.03 0.34 0.00	28.73 0.26 0.00	23.64 0.11 0.00	16.64 -0.01 0.00	10.29 0.01 0.00	17.33 0.03 -0.34	22.32 0.03 -0.35	30.72 0.13 -0.06	142.81 2.24 0.00	233.78 4.98 0.00	87.79 1.52 -0.28	50.91 0.59 -3.71	49.22 0.42 -1.04	37.77 0.34 -0.18
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.32 -0.29 -0.06	36.33 -0.29 -0.42	34.63 -0.23 -1.12	32.75 -0.15 -1.30	29.71 -0.17 -0.18	27.67 -0.12 0.00	31.12 0.01 -0.40	27.99 0.04 0.00	33.27 0.02 -1.07	36.74 -0.13 -3.18	31.33 -0.07 -2.93	26.22 -0.28 -2.96	18.48 -0.30 -2.14	11.34 -0.21 -1.27	17.44 -0.39 -0.86	23.03 -0.49 -1.57	33.16 -0.44 -3.07	145.20 -0.13 -4.75	233.80 0.94 -4.06	90.84 -0.10 -4.94	38.35 -0.14 8.12	48.83 -0.17 -1.25	36.49 -0.17 0.59
ETNA____115KV_TB2 80207	38.32 -0.29 -0.06	36.33 -0.29 -0.42	34.63 -0.23 -1.12	32.75 -0.15 -1.30	29.71 -0.17 -0.18	27.67 -0.12 0.00	31.12 0.01 -0.40	27.99 0.04 0.00	33.27 0.02 -1.07	36.74 -0.13 -3.18	31.33 -0.07 -2.93	26.22 -0.28 -2.96	18.48 -0.30 -2.14	11.34 -0.21 -1.27	17.44 -0.39 -0.86	23.03 -0.49 -1.57	33.16 -0.44 -3.07	145.20 -0.13 -4.75	233.80 0.94 -4.06	90.84 -0.10 -4.94	38.35 -0.14 8.12	48.83 -0.17 -1.25	36.49 -0.17 0.59
EUCLID__115KV_TB2 356179	37.36 -1.20 0.00	35.08 -1.13 0.00	32.70 -1.03 0.00	30.66 -0.94 0.00	28.80 -0.90 0.00	26.96 -0.82 0.00	29.84 -0.86 0.00	27.18 -0.76 0.00	31.29 -0.88 0.00	32.72 -0.97 0.00	27.66 -0.80 0.00	22.85 -0.68 0.00	16.12 -0.52 0.00	9.96 -0.33 0.00	16.39 -0.57 0.00	21.24 -0.71 0.00	29.61 -0.92 0.00	136.90 -3.67 0.00	223.22 -5.58 0.00	83.79 -2.21 0.00	45.40 -1.22 0.00	46.59 -1.17 0.00	36.34 -0.90 0.00
E_CANADA_CAP_HY 24051	39.24 0.68 0.00	36.87 0.67 0.00	34.37 0.63 0.00	32.12 0.52 0.00	30.20 0.50 0.00	28.23 0.44 0.00	31.22 0.52 0.00	28.38 0.43 0.00	32.75 0.58 0.00	34.17 0.47 0.00	28.69 0.23 0.00	23.51 -0.02 0.00	16.51 -0.13 0.00	10.17 -0.11 0.00	16.78 -0.18 0.00	21.78 -0.17 0.00	30.52 -0.01 0.00	143.28 2.71 0.00	235.09 6.29 0.00	88.16 2.16 0.00	47.46 0.85 0.00	48.42 0.66 0.00	37.79 0.55 0.00
E_CANADA_MHWK_HY 24050	39.67 1.11 0.00	37.16 0.95 0.00	34.64 0.91 0.00	32.49 0.90 0.00	30.41 0.71 0.00	28.36 0.57 0.00	31.37 0.67 0.00	28.60 0.65 0.00	32.81 0.64 0.00	34.45 0.76 0.00	29.01 0.55 0.00	23.77 0.23 0.00	16.78 0.14 0.00	10.30 0.02 0.00	17.02 0.05 0.00	22.09 0.14 0.00	31.28 0.75 0.00	145.46 4.89 0.00	235.88 7.08 0.00	88.69 2.70 0.00	48.04 1.42 0.00	48.94 1.19 0.00	37.79 0.55 0.00
E_FISHKILL__LBMP 23776	40.48 1.92 0.00	37.92 1.71 0.00	35.36 1.63 0.00	33.10 1.51 0.00	31.18 1.48 0.00	29.11 1.33 0.00	32.09 1.39 0.00	29.20 1.25 0.00	33.68 1.51 0.00	35.45 1.76 0.00	30.05 1.59 0.00	24.91 1.38 0.00	17.63 0.98 0.00	10.94 0.66 0.00	18.12 1.16 0.00	23.47 1.53 0.00	32.38 1.85 0.00	146.59 6.02 0.00	237.92 9.12 0.00	89.61 3.61 0.00	48.64 2.03 0.00	49.78 2.02 0.00	38.75 1.50 0.00
FALCON__SEABRD_CC1 323796	38.67 0.11 0.00	36.49 0.28 0.00	33.66 -0.07 0.00	31.43 -0.16 0.00	29.59 -0.11 0.00	27.71 -0.08 0.00	30.61 -0.09 0.00	27.85 -0.10 0.00	31.95 -0.22 0.00	33.55 -0.14 0.00	28.20 -0.27 0.00	23.24 -0.29 0.00	16.48 -0.17 0.00	10.10 -0.19 0.00	16.62 -0.34 0.00	21.54 -0.40 0.00	30.20 -0.33 0.00	140.45 -0.12 0.00	228.77 -0.02 0.00	85.69 -0.30 0.00	46.28 -0.34 0.00	47.22 -0.53 0.00	36.86 -0.39 0.00
FALCON__SEABRD_CC2 323797	38.67 0.11 0.00	36.49 0.28 0.00	33.66 -0.07 0.00	31.43 -0.16 0.00	29.59 -0.11 0.00	27.71 -0.08 0.00	30.61 -0.09 0.00	27.85 -0.10 0.00	31.95 -0.22 0.00	33.55 -0.14 0.00	28.20 -0.27 0.00	23.24 -0.29 0.00	16.48 -0.17 0.00	10.10 -0.19 0.00	16.62 -0.34 0.00	21.54 -0.40 0.00	30.20 -0.33 0.00	140.45 -0.12 0.00	228.77 -0.02 0.00	85.69 -0.30 0.00	46.28 -0.34 0.00	47.22 -0.53 0.00	36.86 -0.39 0.00
FAR ROCKAWAY__4	41.50	38.82	36.20	33.91	31.96	29.80	32.69	29.81	34.52	36.49	30.94	25.64	18.08	11.20	18.68	24.25	33.45	149.99	242.98	91.91	49.91	51.06	39.82

23548	2.94 0.00	2.62 0.00	2.46 0.00	2.32 0.00	2.26 0.00	2.02 0.00	1.99 0.00	1.86 0.00	2.35 0.00	2.80 0.00	2.48 0.00	2.10 0.00	1.43 0.00	0.92 0.00	1.72 0.00	2.31 0.00	2.93 0.00	9.42 0.00	14.18 0.00	5.91 0.00	3.29 0.00	3.30 0.00	2.57 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.15 2.59 0.00	38.50 2.29 0.00	35.91 2.18 0.00	33.62 2.02 0.00	31.70 2.00 0.00	29.58 1.79 0.00	32.57 1.87 0.00	29.67 1.72 0.00	34.24 2.07 0.00	36.07 2.38 0.00	30.62 2.15 0.00	25.38 1.85 0.00	17.94 1.29 0.00	11.15 0.87 0.00	18.49 1.54 0.00	23.98 2.03 0.00	33.02 2.50 0.00	148.82 8.25 0.00	241.63 12.84 0.00	90.94 4.95 0.00	49.41 2.80 0.00	50.56 2.80 0.00	39.36 2.11 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.18 2.62 0.00	38.51 2.30 0.00	35.92 2.19 0.00	33.63 2.04 0.00	31.71 2.01 0.00	29.59 1.80 0.00	32.58 1.88 0.00	29.68 1.73 0.00	34.25 2.08 0.00	36.09 2.40 0.00	30.62 2.16 0.00	25.38 1.85 0.00	17.95 1.30 0.00	11.16 0.87 0.00	18.50 1.54 0.00	23.98 2.03 0.00	33.03 2.51 0.00	148.87 8.29 0.00	241.66 12.86 0.00	90.95 4.95 0.00	49.43 2.82 0.00	50.58 2.82 0.00	39.37 2.13 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.14 2.58 0.00	38.48 2.27 0.00	35.89 2.15 0.00	33.61 2.01 0.00	31.68 1.98 0.00	29.56 1.78 0.00	32.55 1.85 0.00	29.66 1.71 0.00	34.21 2.04 0.00	36.05 2.37 0.00	30.59 2.13 0.00	25.36 1.83 0.00	17.93 1.28 0.00	11.14 0.86 0.00	18.48 1.52 0.00	23.96 2.01 0.00	33.00 2.48 0.00	148.71 8.14 0.00	241.43 12.63 0.00	90.86 4.86 0.00	49.38 2.77 0.00	50.53 2.77 0.00	39.33 2.09 0.00
FARRAGUT__LBMP 323566	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.59 1.99 0.00	31.66 1.96 0.00	29.54 1.76 0.00	32.54 1.84 0.00	29.64 1.69 0.00	34.20 2.03 0.00	36.03 2.34 0.00	30.57 2.11 0.00	25.35 1.81 0.00	17.92 1.28 0.00	11.14 0.85 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.98 2.45 0.00	148.61 8.03 0.00	241.23 12.43 0.00	90.82 4.83 0.00	49.35 2.73 0.00	50.49 2.74 0.00	39.31 2.07 0.00
FENNER__WINDPWR 24204	38.40 -0.15 0.00	36.07 -0.14 0.00	33.65 -0.08 0.00	31.60 0.01 0.00	29.62 -0.08 0.00	27.76 -0.03 0.00	30.79 0.08 0.00	28.03 0.08 0.00	32.34 0.17 0.00	33.85 0.16 0.00	28.57 0.10 0.00	23.59 0.06 0.00	16.60 -0.05 0.00	10.20 -0.09 0.00	16.82 -0.14 0.00	21.75 -0.19 0.00	30.38 -0.15 0.00	141.55 0.98 0.00	231.23 2.43 0.00	87.56 0.42 -1.15	46.74 0.12 0.00	48.27 0.04 -0.47	37.24 0.00 0.00
FIBERTEK__ENERGY 23856	37.72 -0.84 0.00	35.43 -0.78 0.00	33.04 -0.70 0.00	30.98 -0.62 0.00	29.09 -0.61 0.00	27.24 -0.54 0.00	30.39 -0.30 0.00	27.71 -0.24 0.00	31.90 -0.27 0.00	33.31 -0.38 0.00	28.16 -0.30 0.00	23.19 -0.34 0.00	16.31 -0.33 0.01	10.07 -0.21 0.00	16.10 -0.40 0.46	21.02 -0.46 0.47	29.90 -0.54 0.09	138.55 -2.02 0.00	225.95 -2.84 0.00	84.39 -1.33 0.27	42.39 -0.74 3.48	46.08 -0.71 0.98	36.54 -0.53 0.17
FITZPATRICK__ 23598	36.90 -1.66 0.00	34.65 -1.55 0.00	32.30 -1.44 0.00	30.27 -1.32 0.00	28.45 -1.25 0.00	26.62 -1.17 0.00	29.42 -1.28 0.00	26.80 -1.15 0.00	30.84 -1.33 0.00	32.26 -1.43 0.00	27.26 -1.20 0.00	22.54 -1.00 0.00	15.93 -0.72 0.00	9.84 -0.45 0.00	16.20 -0.76 0.00	20.98 -0.96 0.00	29.23 -1.30 0.00	135.10 -5.47 0.00	220.36 -8.44 0.00	82.82 -3.18 0.00	44.90 -1.72 0.00	46.11 -1.65 0.00	35.99 -1.26 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.92 2.36 0.00	38.32 2.12 0.00	35.74 2.01 0.00	33.45 1.86 0.00	31.50 1.80 0.00	29.43 1.64 0.00	32.45 1.76 0.00	29.53 1.58 0.00	34.02 1.85 0.00	35.80 2.11 0.00	30.32 1.86 0.00	25.13 1.59 0.00	17.80 1.16 0.00	11.04 0.75 0.00	18.28 1.32 0.00	23.71 1.77 0.00	32.75 2.22 0.00	148.51 7.94 0.00	241.19 12.39 0.00	90.74 4.75 0.00	49.24 2.63 0.00	50.34 2.59 0.00	39.16 1.92 0.00
FORT ORANGE__ 23900	40.15 1.59 0.00	37.65 1.45 0.00	35.11 1.38 0.00	32.89 1.30 0.00	30.91 1.21 0.00	28.90 1.11 0.00	31.89 1.20 0.00	29.03 1.07 0.00	33.41 1.24 0.00	35.11 1.41 0.00	29.61 1.15 0.00	24.53 1.00 0.00	17.37 0.72 0.00	10.71 0.42 0.00	17.66 0.70 0.00	22.85 0.90 0.00	31.77 1.25 0.00	145.67 5.09 0.00	236.42 7.62 0.00	89.27 3.27 0.00	48.47 1.86 0.00	49.57 1.81 0.00	38.61 1.36 0.00
FORT_DRUM_COGEN 23780	36.97 -1.60 0.00	34.54 -1.66 0.00	32.17 -1.56 0.00	30.13 -1.46 0.00	28.20 -1.50 0.00	26.58 -1.21 0.00	29.52 -1.18 0.00	26.70 -1.25 0.00	30.96 -1.21 0.00	32.61 -1.08 0.00	27.09 -1.37 0.00	22.17 -1.36 0.00	15.50 -1.14 0.00	9.60 -0.68 0.00	16.10 -0.86 0.00	20.92 -1.03 0.00	28.89 -1.63 0.00	141.33 0.76 0.00	230.91 2.11 0.00	85.95 -0.05 0.00	45.44 -1.18 0.00	45.80 -1.96 0.00	35.65 -1.59 0.00
FOX_HILLS__ESR 323835	40.92 2.36 0.00	38.25 2.05 0.00	35.67 1.93 0.00	33.37 1.77 0.00	31.47 1.77 0.00	29.35 1.57 0.00	32.32 1.61 0.00	29.43 1.48 0.00	33.94 1.77 0.00	35.78 2.09 0.00	30.36 1.90 0.00	25.29 1.76 0.00	17.87 1.23 0.00	11.08 0.79 0.01	18.34 1.38 0.00	23.77 1.82 0.00	32.70 2.17 0.00	147.45 6.88 0.00	239.49 10.69 0.00	90.69 4.69 0.00	49.32 2.70 0.00	50.44 2.68 0.00	39.26 2.02 0.00
FPL_FAR_ROCK_GT1 24212	41.50 2.94 0.00	38.83 2.62 0.00	36.19 2.46 0.00	33.91 2.32 0.00	31.96 2.26 0.00	29.80 2.02 0.00	32.70 1.99 0.00	29.81 1.86 0.00	34.51 2.34 0.00	36.49 2.80 0.00	30.95 2.49 0.00	25.63 2.10 0.00	18.08 1.44 0.00	11.21 0.92 0.00	18.68 1.72 0.00	24.25 2.30 0.00	33.45 2.92 0.00	149.95 9.37 0.00	242.93 14.13 0.00	91.89 5.90 0.00	49.90 3.29 0.00	51.07 3.31 0.00	39.82 2.57 0.00
FPL_FAR_ROCK_GT2 23815	41.50 2.94 0.00	38.83 2.62 0.00	36.19 2.46 0.00	33.91 2.32 0.00	31.96 2.26 0.00	29.80 2.02 0.00	32.70 1.99 0.00	29.81 1.86 0.00	34.51 2.34 0.00	36.49 2.80 0.00	30.95 2.49 0.00	25.63 2.10 0.00	18.08 1.44 0.00	11.21 0.92 0.00	18.68 1.72 0.00	24.25 2.30 0.00	33.45 2.92 0.00	149.95 9.37 0.00	242.93 14.13 0.00	91.89 5.90 0.00	49.90 3.29 0.00	51.07 3.31 0.00	39.82 2.57 0.00
FRANKLIN_FALL_HYD 24054	38.69 0.13 0.00	36.48 0.28 0.00	33.65 -0.08 0.00	31.40 -0.19 0.00	29.57 -0.13 0.00	27.73 -0.05 0.00	30.73 0.03 0.00	27.99 0.04 0.00	32.16 -0.01 0.00	33.59 -0.10 0.00	28.27 -0.20 0.00	23.28 -0.26 0.00	16.49 -0.15 0.00	10.13 -0.16 0.00	16.69 -0.27 0.00	21.63 -0.32 0.00	30.15 -0.37 0.00	140.80 0.23 0.00	229.81 1.01 0.00	86.10 0.10 0.00	46.50 -0.12 0.00	47.45 -0.31 0.00	37.08 -0.16 0.00
FREEPORT_EQUS_GT1	41.22	38.54	35.91	33.64	31.72	29.57	32.41	29.56	34.25	36.24	30.75	25.46	17.95	11.12	18.55	24.11	33.25	148.65	240.47	91.23	49.57	50.72	39.57

23764	2.65 0.00	2.33 0.00	2.18 0.00	2.05 0.00	2.02 0.00	1.78 0.00	1.71 0.00	1.61 0.00	2.07 0.00	2.55 0.00	2.28 0.00	1.93 0.00	1.31 0.00	0.84 0.00	1.59 0.00	2.16 0.00	2.72 0.00	8.08 0.00	11.67 0.00	5.23 0.00	2.96 0.00	2.97 0.00	2.33 0.00
FREEPORT___CT2 23818	41.22 2.65 0.00	38.54 2.33 0.00	35.91 2.18 0.00	33.64 2.05 0.00	31.72 2.02 0.00	29.57 1.78 0.00	32.41 1.71 0.00	29.56 1.61 0.00	34.25 2.07 0.00	36.24 2.55 0.00	30.75 2.28 0.00	25.46 1.93 0.00	17.95 1.31 0.00	11.12 0.84 0.00	18.55 1.59 0.00	24.11 2.16 0.00	33.25 2.72 0.00	148.65 8.08 0.00	240.47 11.67 0.00	91.23 5.23 0.00	49.57 2.96 0.00	50.72 2.97 0.00	39.57 2.33 0.00
FRESHKLS_33_KV_LOAD 356253	40.87 2.31 0.00	38.22 2.02 0.00	35.66 1.92 0.00	33.38 1.79 0.00	31.48 1.77 0.00	29.35 1.56 0.00	32.31 1.61 0.00	29.43 1.47 0.00	33.93 1.76 0.00	35.76 2.07 0.00	30.34 1.87 0.00	25.28 1.74 0.00	17.84 1.20 0.00	11.05 0.77 0.01	18.31 1.35 0.00	23.75 1.80 0.00	32.69 2.16 0.00	147.36 6.79 0.00	239.49 10.70 0.00	90.65 4.66 0.00	49.31 2.69 0.00	50.40 2.64 0.00	39.25 2.01 0.00
FULTON COGEN___ 23766	36.91 -1.65 0.00	34.62 -1.58 0.00	32.30 -1.44 0.00	30.25 -1.34 0.00	28.45 -1.25 0.00	26.64 -1.15 0.00	29.47 -1.23 0.00	26.84 -1.11 0.00	30.90 -1.27 0.00	32.34 -1.35 0.00	27.34 -1.12 0.00	22.57 -0.97 0.00	15.93 -0.72 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.25 -1.28 0.00	135.62 -4.95 0.00	221.14 -7.65 0.00	83.08 -2.91 0.00	45.00 -1.61 0.00	46.16 -1.60 0.00	36.00 -1.24 0.00
FULTON___LFGE 323630	39.89 1.33 0.00	37.45 1.25 0.00	34.90 1.17 0.00	32.64 1.05 0.00	30.68 0.98 0.00	28.71 0.93 0.00	31.76 1.06 0.00	28.87 0.93 0.00	33.18 1.01 0.00	34.50 0.80 0.00	28.85 0.38 0.00	23.61 0.08 0.00	16.54 -0.11 0.00	10.15 -0.14 0.00	16.85 -0.11 0.00	21.88 -0.06 0.00	30.82 0.30 0.00	145.57 5.00 0.00	238.52 9.72 0.00	89.62 3.62 0.00	48.37 1.75 0.00	49.36 1.60 0.00	38.44 1.19 0.00
G.F.CEMENT___DRP 24184	40.21 1.65 0.00	37.71 1.50 0.00	35.14 1.41 0.00	32.94 1.35 0.00	30.96 1.26 0.00	29.06 1.27 0.00	32.17 1.46 0.00	29.24 1.29 0.00	33.66 1.49 0.00	35.19 1.50 0.00	29.51 1.04 0.00	24.39 0.86 0.00	17.26 0.62 0.00	10.56 0.27 0.00	17.42 0.46 0.00	22.72 0.77 0.00	31.95 1.42 0.00	147.79 7.22 0.00	239.77 10.97 0.00	90.37 4.38 0.00	48.95 2.34 0.00	49.96 2.20 0.00	38.73 1.48 0.00
GARDENVILLE___LBMP 24039	34.87 -3.42 0.27	30.98 -3.17 2.05	25.39 -2.83 5.52	22.63 -2.56 6.40	26.33 -2.50 0.87	25.48 -2.30 0.00	26.26 -2.52 1.92	25.78 -2.17 0.00	24.34 -2.67 5.17	15.09 -3.31 15.29	11.46 -2.89 14.11	6.67 -2.63 14.24	4.32 -1.94 10.39	3.08 -1.13 6.08	4.44 -2.03 10.49	3.85 -2.51 15.59	9.15 -3.47 17.90	103.40 -13.79 23.38	187.73 -21.09 19.97	47.21 -9.25 29.53	14.45 -5.26 26.90	22.30 -4.95 20.50	29.54 -3.74 3.97
GARDNVLA_35_KV_LD 355827	35.21 -3.13 0.22	31.65 -2.90 1.65	26.66 -2.62 4.46	24.06 -2.37 5.17	26.69 -2.31 0.70	25.67 -2.11 0.00	26.86 -2.29 1.55	25.99 -1.96 0.00	25.58 -2.42 4.17	18.31 -3.05 12.33	14.42 -2.66 11.38	9.59 -2.46 11.48	6.44 -1.83 8.38	4.33 -1.05 4.90	6.30 -1.89 8.76	6.37 -2.32 13.26	12.40 -3.22 14.90	109.19 -12.51 18.87	193.69 -18.99 16.12	51.34 -8.47 26.18	16.90 -4.84 24.87	25.19 -4.56 18.01	30.25 -3.42 3.58
GELCKHM___115KV_LOAD 80723	37.49 -1.07 0.00	35.21 -0.99 0.00	32.83 -0.91 0.00	30.78 -0.81 0.00	28.91 -0.79 0.00	27.06 -0.72 0.00	30.05 -0.65 0.00	27.38 -0.57 0.00	31.52 -0.65 0.00	32.94 -0.75 0.00	27.84 -0.62 0.00	22.98 -0.55 0.00	16.19 -0.45 0.00	10.00 -0.28 0.00	16.11 -0.50 0.34	20.98 -0.62 0.35	29.68 -0.78 0.06	137.51 -3.06 0.00	224.17 -4.63 0.00	84.11 -1.88 0.00	45.58 -1.04 0.00	46.76 -1.00 0.00	36.48 -0.76 0.00
GENERAL___MILLS 23808	35.10 -3.23 0.22	31.49 -3.00 1.72	26.42 -2.69 4.62	23.80 -2.43 5.36	26.59 -2.38 0.73	25.60 -2.18 0.00	26.71 -2.38 1.61	25.91 -2.04 0.00	25.32 -2.53 4.32	17.73 -3.17 12.79	13.89 -2.77 11.80	9.09 -2.53 11.91	6.08 -1.88 8.69	4.11 -1.09 5.09	5.98 -1.95 9.03	5.93 -2.40 13.62	11.83 -3.33 15.37	107.92 -13.08 19.57	192.17 -19.91 16.72	50.48 -8.82 26.70	16.42 -5.00 25.19	24.65 -4.71 18.40	30.06 -3.54 3.64
GE_PLASTICS___DRP 24183	39.77 1.21 0.00	37.32 1.12 0.00	34.80 1.06 0.00	32.60 1.00 0.00	30.63 0.93 0.00	28.63 0.84 0.00	31.60 0.90 0.00	28.75 0.80 0.00	33.11 0.94 0.00	34.79 1.10 0.00	29.40 0.94 0.00	24.35 0.81 0.00	17.25 0.60 0.00	10.65 0.36 0.00	17.57 0.61 0.00	22.72 0.77 0.00	31.55 1.02 0.00	144.36 3.79 0.00	234.28 5.48 0.00	88.33 2.33 0.00	47.98 1.36 0.00	49.10 1.34 0.00	38.24 1.00 0.00
GILBOA___1 23756	39.48 0.92 0.00	37.15 0.94 0.00	34.64 0.91 0.00	32.44 0.85 0.00	30.41 0.71 0.00	28.43 0.64 0.00	31.37 0.67 0.00	28.55 0.60 0.00	32.88 0.71 0.00	34.53 0.84 0.00	29.29 0.82 0.00	24.27 0.73 0.00	17.22 0.57 0.00	10.65 0.37 0.00	17.58 0.63 0.00	22.61 0.66 0.00	31.35 0.83 0.00	143.40 2.83 0.00	232.64 3.85 0.00	87.63 1.64 0.00	47.59 0.97 0.00	48.71 0.95 0.00	37.94 0.70 0.00
GILBOA___2 23757	39.48 0.92 0.00	37.15 0.94 0.00	34.64 0.91 0.00	32.44 0.85 0.00	30.41 0.71 0.00	28.43 0.64 0.00	31.37 0.67 0.00	28.55 0.60 0.00	32.88 0.71 0.00	34.53 0.84 0.00	29.29 0.82 0.00	24.27 0.73 0.00	17.22 0.57 0.00	10.65 0.37 0.00	17.58 0.63 0.00	22.61 0.66 0.00	31.35 0.83 0.00	143.40 2.83 0.00	232.64 3.85 0.00	87.63 1.64 0.00	47.59 0.97 0.00	48.71 0.95 0.00	37.94 0.70 0.00
GILBOA___3 23758	39.48 0.92 0.00	37.15 0.94 0.00	34.64 0.91 0.00	32.44 0.85 0.00	30.41 0.71 0.00	28.43 0.64 0.00	31.37 0.67 0.00	28.55 0.60 0.00	32.88 0.71 0.00	34.53 0.84 0.00	29.29 0.82 0.00	24.27 0.73 0.00	17.22 0.57 0.00	10.65 0.37 0.00	17.58 0.63 0.00	22.61 0.66 0.00	31.35 0.83 0.00	143.40 2.83 0.00	232.64 3.85 0.00	87.63 1.64 0.00	47.59 0.97 0.00	48.71 0.95 0.00	37.94 0.70 0.00
GILBOA___4 23759	39.48 0.92 0.00	37.15 0.94 0.00	34.64 0.91 0.00	32.44 0.85 0.00	30.41 0.71 0.00	28.43 0.64 0.00	31.37 0.67 0.00	28.55 0.60 0.00	32.88 0.71 0.00	34.53 0.84 0.00	29.29 0.82 0.00	24.27 0.73 0.00	17.22 0.57 0.00	10.65 0.37 0.00	17.58 0.63 0.00	22.61 0.66 0.00	31.35 0.83 0.00	143.40 2.83 0.00	232.64 3.85 0.00	87.63 1.64 0.00	47.59 0.97 0.00	48.71 0.95 0.00	37.94 0.70 0.00
GILBOA___	39.48	37.15	34.65	32.44	30.42	28.42	31.37	28.54	32.88	34.53	29.29	24.27	17.22	10.65	17.58	22.61	31.36	143.40	232.65	87.63	47.59	48.71	37.94

23599	0.92 0.00	0.94 0.00	0.91 0.00	0.85 0.00	0.71 0.00	0.64 0.00	0.67 0.00	0.60 0.00	0.71 0.00	0.84 0.00	0.82 0.00	0.74 0.00	0.57 0.00	0.37 0.00	0.63 0.00	0.66 0.00	0.83 0.00	2.83 0.00	3.85 0.00	1.64 0.00	0.97 0.00	0.95 0.00	0.70 0.00
GINNA____ 23603	35.00 -3.56 0.00	32.86 -3.34 0.00	30.64 -3.10 0.00	28.72 -2.88 0.00	26.98 -2.72 0.00	25.28 -2.50 0.00	28.04 -2.66 0.00	25.60 -2.35 0.00	29.43 -2.74 0.00	30.60 -3.09 0.00	25.83 -2.64 0.00	21.25 -2.28 0.00	14.94 -1.70 0.01	9.20 -1.09 0.00	14.14 -1.86 0.95	19.07 -2.27 0.60	27.78 -2.94 -0.19	128.73 -11.84 0.00	210.29 -18.50 0.00	72.42 -7.54 6.03	32.42 -4.24 9.96	39.31 -4.22 4.24	32.90 -3.25 1.10
GLEN PARK____ 23778	37.04 -1.52 0.00	34.62 -1.58 0.00	32.24 -1.50 0.00	30.18 -1.41 0.00	28.25 -1.45 0.00	26.63 -1.16 0.00	29.58 -1.12 0.00	26.76 -1.19 0.00	31.02 -1.15 0.00	32.66 -1.03 0.00	27.14 -1.33 0.00	22.20 -1.34 0.00	15.52 -1.13 0.00	9.61 -0.67 0.00	16.11 -0.85 0.00	20.93 -1.01 0.00	28.89 -1.64 0.00	141.76 1.19 0.00	231.72 2.92 0.00	86.23 0.24 0.00	45.59 -1.02 0.00	45.94 -1.82 0.00	35.74 -1.50 0.00
GLENDALE_27_KV_LOAD 356172	41.34 2.78 0.00	38.65 2.45 0.00	36.03 2.29 0.00	33.73 2.14 0.00	31.81 2.11 0.00	29.68 1.90 0.00	32.68 1.98 0.00	29.77 1.82 0.00	34.36 2.18 0.00	36.20 2.51 0.00	30.73 2.27 0.00	25.51 1.98 0.00	18.04 1.39 0.00	11.21 0.92 0.00	18.57 1.61 0.00	24.07 2.13 0.00	33.13 2.60 0.00	149.27 8.70 0.00	242.28 13.48 0.00	91.35 5.36 0.00	49.68 3.06 0.00	50.84 3.08 0.00	39.58 2.33 0.00
GLENWOOD_IC_1_G5 23712	41.17 2.62 0.00	38.51 2.31 0.00	35.91 2.18 0.00	33.63 2.04 0.00	31.70 2.00 0.00	29.57 1.79 0.00	32.49 1.79 0.00	29.61 1.66 0.00	34.24 2.07 0.00	36.15 2.46 0.00	30.66 2.19 0.00	25.41 1.87 0.00	17.94 1.29 0.00	11.13 0.84 0.00	18.51 1.55 0.00	24.01 2.07 0.00	33.11 2.58 0.00	148.31 7.74 0.00	240.20 11.40 0.00	90.88 4.88 0.00	49.48 2.86 0.00	50.63 2.87 0.00	39.45 2.20 0.00
GLENWOOD_IC_2_G1 23688	41.04 2.49 0.00	38.40 2.19 0.00	35.81 2.08 0.00	33.53 1.94 0.00	31.61 1.91 0.00	29.49 1.70 0.00	32.43 1.72 0.00	29.54 1.59 0.00	34.13 1.96 0.00	36.01 2.32 0.00	30.54 2.08 0.00	25.31 1.77 0.00	17.88 1.23 0.00	11.10 0.81 0.00	18.43 1.47 0.00	23.91 1.96 0.00	32.96 2.43 0.00	148.32 7.75 0.00	240.55 11.75 0.00	90.75 4.76 0.00	49.31 2.70 0.00	50.47 2.71 0.00	39.31 2.07 0.00
GLENWOOD_IC_3_G1 23689	41.04 2.49 0.00	38.40 2.19 0.00	35.81 2.08 0.00	33.53 1.94 0.00	31.61 1.91 0.00	29.49 1.70 0.00	32.43 1.72 0.00	29.54 1.59 0.00	34.13 1.96 0.00	36.01 2.32 0.00	30.54 2.08 0.00	25.31 1.77 0.00	17.88 1.23 0.00	11.10 0.81 0.00	18.43 1.47 0.00	23.91 1.96 0.00	32.96 2.43 0.00	148.32 7.75 0.00	240.55 11.75 0.00	90.75 4.76 0.00	49.31 2.70 0.00	50.47 2.71 0.00	39.31 2.07 0.00
GLENWOOD___4 23550	41.17 2.62 0.00	38.51 2.31 0.00	35.91 2.18 0.00	33.63 2.04 0.00	31.70 2.00 0.00	29.57 1.79 0.00	32.49 1.79 0.00	29.61 1.66 0.00	34.24 2.07 0.00	36.15 2.46 0.00	30.66 2.19 0.00	25.41 1.87 0.00	17.94 1.29 0.00	11.13 0.84 0.00	18.51 1.55 0.00	24.01 2.07 0.00	33.11 2.59 0.00	148.51 7.94 0.00	240.57 11.77 0.00	90.96 4.96 0.00	49.48 2.86 0.00	50.63 2.87 0.00	39.45 2.20 0.00
GLENWOOD___5 23614	41.17 2.62 0.00	38.51 2.31 0.00	35.91 2.18 0.00	33.63 2.04 0.00	31.70 2.00 0.00	29.57 1.79 0.00	32.49 1.79 0.00	29.61 1.66 0.00	34.24 2.07 0.00	36.15 2.46 0.00	30.66 2.19 0.00	25.41 1.87 0.00	17.94 1.29 0.00	11.13 0.84 0.00	18.51 1.55 0.00	24.01 2.07 0.00	33.11 2.59 0.00	148.51 7.94 0.00	240.57 11.77 0.00	90.96 4.96 0.00	49.48 2.86 0.00	50.63 2.87 0.00	39.45 2.20 0.00
GLOBAL GREEN_PORT_GT1 23814	40.96 2.40 0.00	38.22 2.01 0.00	35.64 1.90 0.00	33.36 1.77 0.00	31.51 1.81 0.00	29.31 1.52 0.00	31.88 1.18 0.00	29.21 1.26 0.00	34.04 1.87 0.00	36.26 2.57 0.00	30.69 2.22 0.00	25.35 1.81 0.00	17.85 1.20 0.00	10.97 0.68 0.00	18.37 1.41 0.00	23.99 2.05 0.00	33.25 2.72 0.00	148.54 7.97 0.00	240.77 11.97 0.00	90.81 4.82 0.00	49.95 3.34 0.00	51.54 3.79 0.00	40.51 3.27 0.00
GLOBE___DSASP 323697	33.99 -4.39 0.19	30.74 -4.05 1.42	26.19 -3.73 3.82	23.72 -3.44 4.43	25.81 -3.29 0.60	24.72 -3.07 0.00	25.98 -3.39 1.33	25.02 -2.93 0.00	25.02 -3.58 3.57	18.74 -4.37 10.57	14.95 -3.76 9.76	10.33 -3.36 9.85	7.03 -2.43 7.19	4.66 -1.43 4.20	6.88 -2.50 7.59	7.02 -3.14 11.78	12.90 -4.47 13.15	106.10 -18.29 16.18	185.92 -29.05 13.83	51.13 -12.04 22.83	17.78 -6.74 22.10	25.62 -6.37 15.77	29.40 -4.69 3.15
GOETHSLN___LBMP 323567	41.00 2.45 0.00	38.36 2.15 0.00	35.78 2.05 0.00	33.51 1.91 0.00	31.59 1.89 0.00	29.47 1.68 0.00	32.44 1.74 0.00	29.55 1.60 0.00	34.10 1.93 0.00	35.92 2.23 0.00	30.48 2.02 0.00	25.27 1.74 0.00	17.86 1.22 0.00	11.11 0.82 0.00	18.42 1.46 0.00	23.89 1.94 0.00	32.88 2.35 0.00	148.15 7.57 0.00	240.56 11.76 0.00	90.51 4.52 0.00	49.18 2.57 0.00	50.31 2.55 0.00	39.19 1.95 0.00
GOLAH___69_KV_TB 1_2 80279	36.52 -2.05 0.00	34.29 -1.91 0.00	31.99 -1.75 0.00	29.98 -1.61 0.00	28.16 -1.54 0.00	26.39 -1.39 0.00	29.22 -1.48 0.00	26.70 -1.25 0.00	30.65 -1.52 0.00	31.75 -1.94 0.00	26.70 -1.76 0.00	21.93 -1.60 0.00	15.39 -1.24 0.01	9.50 -0.78 0.00	14.50 -1.38 1.09	14.79 -1.65 5.51	23.49 -2.14 4.89	133.17 -7.40 0.00	218.32 -10.48 0.00	74.47 -4.66 6.87	32.94 -2.69 10.99	40.46 -2.53 4.77	34.11 -1.95 1.18
GOODYEAR_LAKE_HYD 323669	39.17 0.61 0.00	36.81 0.61 0.00	34.32 0.59 0.00	32.15 0.55 0.00	30.21 0.50 0.00	28.23 0.45 0.00	31.23 0.52 0.00	28.42 0.48 0.00	32.78 0.61 0.00	34.31 0.62 0.00	29.05 0.58 0.00	23.96 0.43 0.00	16.91 0.26 -0.01	10.47 0.18 0.00	17.83 0.32 -0.55	22.87 0.36 -0.56	31.17 0.54 -0.10	143.61 3.04 0.00	234.03 5.23 0.00	90.74 1.67 -3.08	53.43 0.82 -6.00	50.81 0.70 -2.35	38.37 0.50 -0.63
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.19 -0.37 0.00	35.86 -0.34 0.00	33.47 -0.26 0.00	31.42 -0.17 0.00	29.48 -0.22 0.00	27.58 -0.21 0.00	30.49 -0.21 0.00	27.73 -0.22 0.00	31.90 -0.27 0.00	33.30 -0.39 0.00	28.15 -0.31 0.00	23.26 -0.28 0.00	16.44 -0.24 -0.03	10.17 -0.12 0.00	19.25 -0.24 -2.53	23.87 -0.33 -2.25	30.28 -0.40 -0.16	139.51 -1.06 0.00	227.28 -1.52 0.00	98.59 -0.97 -13.56	73.23 -0.62 -27.23	57.57 -0.63 -10.44	39.62 -0.53 -2.90
GOUDEY___7	38.19	35.86	33.47	31.42	29.48	27.58	30.49	27.73	31.90	33.30	28.15	23.26	16.44	10.17	19.25	23.87	30.28	139.51	227.28	98.59	73.23	57.57	39.62

24134	2.51 0.00	2.21 0.00	2.04 0.00	1.88 0.00	1.86 0.00	1.66 0.00	1.72 0.00	1.58 0.00	1.89 0.00	2.22 0.00	2.02 0.00	1.86 0.00	1.30 0.00	0.85 0.00	1.45 0.00	1.92 0.00	2.31 0.00	7.44 0.00	11.60 0.00	4.97 0.00	2.87 0.00	2.85 0.00	2.16 0.00
GOWANUS_GT4_6 24135	41.07 2.51 0.00	38.41 2.21 0.00	35.78 2.04 0.00	33.47 1.88 0.00	31.57 1.86 0.00	29.44 1.66 0.00	32.42 1.72 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.87 1.92 0.00	32.84 2.31 0.00	148.01 7.44 0.00	240.40 11.60 0.00	90.97 4.97 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
GOWANUS_GT4_7 24136	41.07 2.51 0.00	38.41 2.21 0.00	35.78 2.04 0.00	33.47 1.88 0.00	31.57 1.86 0.00	29.44 1.66 0.00	32.42 1.72 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.87 1.92 0.00	32.84 2.31 0.00	148.01 7.44 0.00	240.40 11.60 0.00	90.97 4.97 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
GOWANUS_GT4_8 24137	41.07 2.51 0.00	38.41 2.21 0.00	35.78 2.04 0.00	33.47 1.88 0.00	31.57 1.86 0.00	29.44 1.66 0.00	32.42 1.72 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.87 1.92 0.00	32.84 2.31 0.00	148.01 7.44 0.00	240.40 11.60 0.00	90.97 4.97 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
GREATVR_69_KV_BK1 356245	41.71 3.15 0.00	38.95 2.74 0.00	36.30 2.56 0.00	33.99 2.40 0.00	32.08 2.38 0.00	29.89 2.10 0.00	32.67 1.97 0.00	29.85 1.90 0.00	34.66 2.49 0.00	36.80 3.11 0.00	31.18 2.72 0.00	25.80 2.26 0.00	18.19 1.54 0.00	11.21 0.93 0.00	18.77 1.81 0.00	24.45 2.50 0.00	33.79 3.27 0.00	151.14 10.57 0.00	244.85 16.05 0.00	92.38 6.39 0.00	50.26 3.65 0.00	51.47 3.71 0.00	40.17 2.93 0.00
GREENBSH_115KV_TB3 55895	39.96 1.40 0.00	37.48 1.27 0.00	34.95 1.22 0.00	32.74 1.15 0.00	30.77 1.07 0.00	28.76 0.98 0.00	31.74 1.04 0.00	28.87 0.92 0.00	33.25 1.08 0.00	34.96 1.27 0.00	29.53 1.06 0.00	24.46 0.92 0.00	17.33 0.69 0.00	10.69 0.41 0.00	17.65 0.69 0.00	22.82 0.87 0.00	31.69 1.17 0.00	144.93 4.36 0.00	235.18 6.38 0.00	88.73 2.74 0.00	48.20 1.59 0.00	49.31 1.55 0.00	38.42 1.17 0.00
GREENDGE_115KV_TB5 80291	37.17 -1.67 -0.28	36.77 -1.61 -2.17	38.12 -1.46 -5.85	37.09 -1.29 -6.78	29.35 -1.28 -0.92	26.69 -1.09 0.00	31.71 -1.05 -2.05	26.97 -0.99 0.00	36.49 -1.19 -5.52	48.23 -1.79 -16.33	42.07 -1.47 -15.07	37.51 -1.23 -15.21	26.63 -1.04 -11.02	16.12 -0.66 -6.49	21.83 -1.20 -6.06	29.84 -1.49 -9.38	44.53 -1.87 -15.87	157.69 -7.65 -24.78	239.14 -10.82 -21.16	78.30 -4.70 2.99	18.26 -2.69 25.66	42.73 -2.82 2.21	33.88 -1.91 1.45
GREENIDGE__3 23582	37.17 -1.67 -0.28	36.77 -1.61 -2.17	38.12 -1.46 -5.85	37.09 -1.29 -6.78	29.35 -1.28 -0.92	26.69 -1.09 0.00	31.71 -1.05 -2.05	26.97 -0.99 0.00	36.49 -1.19 -5.52	48.23 -1.79 -16.33	42.07 -1.47 -15.07	37.51 -1.23 -15.21	26.63 -1.04 -11.02	16.12 -0.66 -6.49	21.83 -1.20 -6.06	29.84 -1.49 -9.38	44.53 -1.87 -15.87	157.69 -7.65 -24.78	239.14 -10.82 -21.16	78.30 -4.70 2.99	18.26 -2.69 25.66	42.73 -2.82 2.21	33.88 -1.91 1.45
GREENIDGE__4 23583	37.17 -1.67 -0.28	36.78 -1.60 -2.17	38.12 -1.46 -5.85	37.10 -1.28 -6.78	29.35 -1.27 -0.92	26.69 -1.09 0.00	31.71 -1.05 -2.05	26.96 -0.99 0.00	36.50 -1.19 -5.52	48.24 -1.78 -16.33	42.06 -1.48 -15.07	37.52 -1.22 -15.21	26.63 -1.04 -11.02	16.12 -0.66 -6.49	21.83 -1.20 -6.06	29.84 -1.50 -9.38	44.54 -1.85 -15.87	157.69 -7.65 -24.78	239.20 -10.77 -21.16	78.25 -4.75 2.99	18.35 -2.71 25.56	42.72 -2.83 2.21	33.92 -1.91 1.42
GREENLWN_69_KV_BK 3 55738	41.16 2.60 0.00	38.46 2.26 0.00	35.85 2.12 0.00	33.58 1.99 0.00	31.67 1.96 0.00	29.52 1.73 0.00	32.30 1.60 0.00	29.47 1.53 0.00	34.17 2.00 0.00	36.23 2.54 0.00	30.72 2.26 0.00	25.43 1.90 0.00	17.94 1.29 0.00	11.10 0.81 0.00	18.52 1.56 0.00	24.08 2.13 0.00	33.26 2.73 0.00	148.46 7.89 0.00	240.35 11.55 0.00	90.87 4.88 0.00	49.45 2.83 0.00	50.67 2.91 0.00	39.55 2.30 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.07 2.51 0.00	38.41 2.21 0.00	35.78 2.04 0.00	33.47 1.88 0.00	31.57 1.86 0.00	29.44 1.66 0.00	32.42 1.72 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.87 1.92 0.00	32.84 2.31 0.00	148.01 7.44 0.00	240.40 11.60 0.00	90.97 4.97 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
GRISSOM__SOLAR 323813	39.99 1.43 0.00	37.54 1.33 0.00	34.99 1.25 0.00	32.71 1.12 0.00	30.76 1.06 0.00	28.78 0.99 0.00	31.83 1.13 0.00	28.96 1.01 0.00	33.21 1.04 0.00	34.51 0.82 0.00	28.84 0.38 0.00	23.58 0.05 0.00	16.51 -0.13 0.00	10.13 -0.16 0.00	16.88 -0.08 0.00	21.92 -0.03 0.00	30.84 0.32 0.00	145.74 5.17 0.00	238.76 9.96 0.00	89.74 3.74 0.00	48.49 1.88 0.00	49.50 1.75 0.00	38.54 1.30 0.00
GROVEVILLE__HYD 323602	40.92 2.36 0.00	38.32 2.12 0.00	35.74 2.01 0.00	33.45 1.86 0.00	31.50 1.80 0.00	29.43 1.64 0.00	32.45 1.76 0.00	29.53 1.58 0.00	34.02 1.85 0.00	35.80 2.11 0.00	30.32 1.86 0.00	25.13 1.59 0.00	17.80 1.16 0.00	11.04 0.75 0.00	18.28 1.32 0.00	23.71 1.77 0.00	32.75 2.22 0.00	148.51 7.94 0.00	241.19 12.39 0.00	90.74 4.75 0.00	49.24 2.63 0.00	50.34 2.59 0.00	39.16 1.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.72 -0.84 0.00	35.43 -0.78 0.00	33.04 -0.70 0.00	30.98 -0.62 0.00	29.09 -0.61 0.00	27.24 -0.54 0.00	30.39 -0.30 0.00	27.71 -0.24 0.00	31.90 -0.27 0.00	33.31 -0.38 0.00	28.16 -0.30 0.00	23.19 -0.34 0.00	16.31 -0.33 0.01	10.07 -0.21 0.00	16.10 -0.40 0.46	21.02 -0.46 0.47	29.90 -0.54 0.09	138.55 -2.02 0.00	225.95 -2.84 0.00	84.39 -1.33 0.27	42.39 -0.74 3.48	46.08 -0.71 0.98	36.54 -0.53 0.17
HAMLTNNY_34_KV_TB 80303	37.73 -0.83 0.00	35.41 -0.80 0.00	33.03 -0.70 0.00	30.98 -0.62 0.00	29.09 -0.61 0.00	27.25 -0.54 0.00	30.57 -0.13 0.00	27.89 -0.06 0.00	32.09 -0.08 0.00	33.47 -0.22 0.00	28.27 -0.19 0.00	23.25 -0.28 0.00	16.30 -0.33 0.01	10.04 -0.24 0.00	15.88 -0.47 0.60	20.82 -0.52 0.61	29.80 -0.61 0.11	138.44 -2.13 0.00	225.95 -2.85 0.00	82.26 -1.42 2.31	41.30 -0.77 4.54	45.25 -0.73 1.78	36.22 -0.55 0.47
HAMPSHIRE__PAPER_HYD	37.87	35.54	33.02	30.89	29.01	27.29	30.27	27.45	31.66	33.09	27.64	22.70	15.98	9.88	16.42	21.27	29.50	140.20	229.12	85.58	45.78	46.42	36.24

323593	-0.69 0.00	-0.67 0.00	-0.72 0.00	-0.71 0.00	-0.69 0.00	-0.50 0.00	-0.43 0.00	-0.50 0.00	-0.51 0.00	-0.60 0.00	-0.83 0.00	-0.83 0.00	-0.67 0.00	-0.41 0.00	-0.54 0.00	-0.68 0.00	-1.03 0.00	-0.37 0.00	0.32 0.00	-0.42 0.00	-0.84 0.00	-1.34 0.00	-1.00 0.00
HARDSCRABBLE_WT_PWR 323673	39.30 0.74 0.00	36.82 0.62 0.00	34.34 0.60 0.00	32.18 0.58 0.00	30.12 0.42 0.00	28.06 0.28 0.00	31.02 0.32 0.00	28.30 0.34 0.00	32.51 0.34 0.00	34.21 0.52 0.00	28.85 0.38 0.00	23.65 0.11 0.00	16.72 0.07 0.00	10.29 0.00 0.00	16.99 0.03 0.00	22.07 0.12 0.00	31.14 0.62 0.00	144.59 4.02 0.00	234.60 5.80 0.00	88.15 2.15 0.00	47.70 1.09 0.00	48.56 0.80 0.00	37.55 0.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.64 2.08 0.00	38.05 1.84 0.00	35.50 1.77 0.00	33.26 1.66 0.00	31.32 1.62 0.00	29.22 1.43 0.00	32.21 1.51 0.00	29.31 1.36 0.00	33.78 1.61 0.00	35.56 1.87 0.00	30.13 1.67 0.00	24.95 1.41 0.00	17.66 1.01 0.00	10.98 0.69 0.00	18.19 1.23 0.00	23.58 1.63 0.00	32.54 2.01 0.00	147.45 6.88 0.00	239.61 10.81 0.00	90.08 4.09 0.00	48.87 2.25 0.00	49.99 2.23 0.00	38.91 1.66 0.00
HARSNRAD_115KV_TB1 81005	34.44 -3.94 0.18	31.22 -3.61 1.37	26.78 -3.26 3.70	24.31 -3.00 4.29	26.21 -2.91 0.58	25.06 -2.72 0.00	26.30 -3.11 1.29	25.25 -2.70 0.00	25.51 -3.21 3.45	19.65 -3.82 10.21	15.71 -3.33 9.43	11.01 -3.01 9.51	7.47 -2.23 6.95	4.89 -1.33 4.06	7.28 -2.32 7.36	7.08 -2.85 12.02	13.10 -4.06 13.37	108.10 -16.82 15.66	189.29 -26.13 13.38	52.93 -11.03 22.03	19.03 -6.09 21.49	26.95 -5.58 15.23	29.92 -4.29 3.04
HARZA MOOSE__RIVER 24016	37.99 -0.57 0.00	35.64 -0.57 0.00	33.20 -0.53 0.00	31.10 -0.50 0.00	29.15 -0.55 0.00	27.43 -0.35 0.00	30.43 -0.27 0.00	27.55 -0.40 0.00	31.91 -0.26 0.00	33.54 -0.15 0.00	28.04 -0.42 0.00	23.10 -0.43 0.00	16.22 -0.43 0.00	10.02 -0.27 0.00	16.70 -0.27 0.00	21.63 -0.31 0.00	30.04 -0.48 0.00	142.17 1.60 0.00	232.34 3.54 0.00	86.74 0.75 0.00	46.47 -0.15 0.00	47.04 -0.72 0.00	36.68 -0.57 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.51 -1.05 0.00	35.22 -0.99 0.00	32.84 -0.90 0.00	30.79 -0.81 0.00	28.92 -0.78 0.00	27.07 -0.71 0.00	29.96 -0.74 0.00	27.30 -0.65 0.00	31.42 -0.75 0.00	32.85 -0.84 0.00	27.77 -0.69 0.00	22.94 -0.59 0.00	16.18 -0.47 0.00	10.00 -0.29 0.00	16.45 -0.51 0.00	21.31 -0.64 0.00	29.73 -0.80 0.00	137.53 -3.04 0.00	224.23 -4.57 0.00	84.14 -1.86 0.00	45.57 -1.05 0.00	46.76 -1.00 0.00	36.47 -0.77 0.00
HELLGATE_13_KV_LD 55870	41.41 2.85 0.00	38.73 2.53 0.00	36.10 2.37 0.00	33.81 2.22 0.00	31.88 2.18 0.00	29.75 1.96 0.00	32.75 2.05 0.00	29.84 1.89 0.00	34.41 2.24 0.00	36.29 2.60 0.00	30.81 2.34 0.00	25.57 2.03 0.00	18.08 1.43 0.00	11.24 0.95 0.00	18.62 1.66 0.00	24.13 2.19 0.00	33.21 2.68 0.00	149.60 9.03 0.00	242.93 14.13 0.00	91.56 5.57 0.00	49.81 3.19 0.00	50.95 3.19 0.00	39.67 2.43 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.41 2.85 0.00	38.73 2.53 0.00	36.10 2.37 0.00	33.81 2.22 0.00	31.88 2.18 0.00	29.75 1.96 0.00	32.75 2.05 0.00	29.84 1.89 0.00	34.41 2.24 0.00	36.29 2.60 0.00	30.81 2.34 0.00	25.57 2.03 0.00	18.08 1.43 0.00	11.24 0.95 0.00	18.62 1.66 0.00	24.13 2.19 0.00	33.21 2.68 0.00	149.60 9.03 0.00	242.93 14.13 0.00	91.56 5.57 0.00	49.81 3.19 0.00	50.95 3.19 0.00	39.67 2.43 0.00
HEMPSTEAD____ 23647	41.01 2.45 0.00	38.35 2.14 0.00	35.73 1.99 0.00	33.47 1.87 0.00	31.55 1.85 0.00	29.44 1.66 0.00	32.28 1.57 0.00	29.42 1.47 0.00	34.08 1.91 0.00	36.03 2.34 0.00	30.56 2.10 0.00	25.32 1.79 0.00	17.86 1.21 0.00	11.07 0.78 0.00	18.45 1.49 0.00	23.95 2.00 0.00	33.03 2.51 0.00	147.98 7.41 0.00	239.50 10.70 0.00	90.63 4.63 0.00	49.27 2.65 0.00	50.43 2.67 0.00	39.31 2.07 0.00
HICKLING__1 23621	36.85 -1.79 -0.08	35.11 -1.71 -0.62	33.89 -1.51 -1.66	32.26 -1.27 -1.93	28.63 -1.34 -0.26	26.61 -1.17 0.00	30.04 -1.24 -0.58	26.69 -1.26 0.00	32.26 -1.48 -1.57	36.50 -1.85 -4.66	31.25 -1.51 -4.30	26.62 -1.25 -4.33	18.74 -0.99 -3.08	11.56 -0.57 -1.85	13.16 -1.05 2.76	18.26 -1.37 2.31	31.98 -1.72 -3.18	141.15 -6.48 -7.05	225.12 -9.70 -6.02	54.88 -4.55 26.56	-11.58 -2.78 55.42	24.69 -2.84 20.23	29.78 -2.26 5.20
HICKLING__2 23622	36.85 -1.79 -0.08	35.11 -1.71 -0.62	33.89 -1.51 -1.66	32.26 -1.27 -1.93	28.63 -1.34 -0.26	26.61 -1.17 0.00	30.04 -1.24 -0.58	26.69 -1.26 0.00	32.26 -1.48 -1.57	36.50 -1.85 -4.66	31.25 -1.51 -4.30	26.62 -1.25 -4.33	18.74 -0.99 -3.08	11.56 -0.57 -1.85	13.16 -1.05 2.76	18.26 -1.37 2.31	31.98 -1.72 -3.18	141.15 -6.48 -7.05	225.12 -9.70 -6.02	54.88 -4.55 26.56	-11.58 -2.78 55.42	24.69 -2.84 20.23	29.78 -2.26 5.20
HIGH FALLS__HY 23754	40.81 2.25 0.00	38.22 2.01 0.00	35.65 1.91 0.00	33.38 1.78 0.00	31.42 1.72 0.00	29.35 1.56 0.00	32.37 1.67 0.00	29.47 1.52 0.00	33.90 1.73 0.00	35.50 1.81 0.00	30.12 1.66 0.00	25.02 1.49 0.00	17.70 1.06 0.00	10.95 0.67 0.00	18.14 1.18 0.00	23.56 1.61 0.00	32.57 2.05 0.00	147.93 7.36 0.00	240.76 11.97 0.00	90.57 4.58 0.00	49.13 2.51 0.00	50.21 2.46 0.00	39.05 1.81 0.00
HIGH_RIVER__SOLAR 323847	39.66 1.10 0.00	37.23 1.02 0.00	34.71 0.97 0.00	32.49 0.90 0.00	30.54 0.84 0.00	28.56 0.77 0.00	31.56 0.85 0.00	28.69 0.73 0.00	32.97 0.80 0.00	34.29 0.60 0.00	28.79 0.32 0.00	23.65 0.12 0.00	16.66 0.02 0.00	10.27 -0.01 0.00	16.95 -0.01 0.00	22.01 0.06 0.00	30.97 0.44 0.00	144.42 3.85 0.00	235.69 6.89 0.00	88.70 2.70 0.00	48.02 1.41 0.00	49.09 1.33 0.00	38.24 0.99 0.00
HILLBURN__GT 23639	40.61 2.05 0.00	38.01 1.81 0.00	35.49 1.75 0.00	33.24 1.64 0.00	31.30 1.60 0.00	29.20 1.41 0.00	32.15 1.45 0.00	29.26 1.32 0.00	33.75 1.58 0.00	35.54 1.85 0.00	30.14 1.68 0.00	24.97 1.44 0.00	17.65 1.01 0.00	10.98 0.69 0.00	18.19 1.23 0.00	23.58 1.64 0.00	32.50 1.97 0.00	147.06 6.49 0.00	238.86 10.07 0.00	89.86 3.86 0.00	48.75 2.14 0.00	49.90 2.14 0.00	38.85 1.61 0.00
HILLSIDE_115KV_TB1 80332	36.85 -1.78 -0.07	35.10 -1.66 -0.55	33.76 -1.46 -1.48	32.11 -1.21 -1.72	28.64 -1.29 -0.23	26.63 -1.16 0.00	29.96 -1.27 -0.52	26.68 -1.27 0.00	32.07 -1.50 -1.40	36.03 -1.82 -4.15	30.83 -1.47 -3.83	26.19 -1.20 -3.86	18.45 -0.92 -2.73	11.42 -0.51 -1.65	12.14 -0.93 3.89	17.16 -1.25 3.54	31.40 -1.66 -2.53	140.26 -6.59 -6.28	223.83 -10.33 -5.37	49.24 -4.75 32.01	-21.07 -2.85 64.83	20.67 -2.88 24.22	28.66 -2.31 6.28
HISHELDN_WT_PWR	34.01	28.09	18.65	14.95	24.91	25.12	23.69	25.34	18.04	-2.57	-4.78	-9.60	-7.58	-3.94	-6.06	-10.29	-8.83	75.67	163.44	25.54	0.15	6.42	26.41

323625	-3.98 0.57	-3.75 4.37	-3.31 11.76	-3.01 13.64	-2.94 1.86	-2.66 0.00	-2.91 4.10	-2.61 0.00	-3.11 11.02	-3.63 32.63	-3.13 30.11	-2.75 30.39	-2.08 22.14	-1.25 12.97	-2.22 20.80	-2.70 29.54	-3.74 35.62	-15.09 49.81	-22.81 42.55	-9.56 50.89	-5.44 41.02	-5.32 36.02	-4.24 6.59
HOLTSVILLE_IC_1 23690	41.24 2.68 0.00	38.52 2.31 0.00	35.91 2.18 0.00	33.63 2.03 0.00	31.73 2.03 0.00	29.55 1.77 0.00	32.27 1.56 0.00	29.49 1.54 0.00	34.24 2.07 0.00	36.36 2.66 0.00	30.83 2.36 0.00	25.50 1.97 0.00	17.99 1.34 0.00	11.10 0.81 0.00	18.56 1.60 0.00	24.17 2.22 0.00	33.38 2.85 0.00	149.04 8.46 0.00	241.44 12.64 0.00	91.13 5.14 0.00	49.61 3.00 0.00	50.85 3.09 0.00	39.75 2.51 0.00
HOLTSVILLE_IC_10 23699	41.40 2.84 0.00	38.66 2.46 0.00	36.04 2.31 0.00	33.75 2.16 0.00	31.84 2.15 0.00	29.66 1.88 0.00	32.37 1.67 0.00	29.59 1.64 0.00	34.38 2.21 0.00	36.52 2.83 0.00	30.96 2.50 0.00	25.60 2.07 0.00	18.06 1.41 0.00	11.13 0.85 0.00	18.63 1.67 0.00	24.28 2.33 0.00	33.55 3.02 0.00	149.86 9.28 0.00	242.82 14.02 0.00	91.58 5.59 0.00	49.85 3.23 0.00	51.08 3.32 0.00	39.93 2.69 0.00
HOLTSVILLE_IC_2 23691	41.24 2.68 0.00	38.52 2.31 0.00	35.91 2.18 0.00	33.63 2.03 0.00	31.73 2.03 0.00	29.55 1.77 0.00	32.27 1.56 0.00	29.49 1.54 0.00	34.24 2.07 0.00	36.36 2.66 0.00	30.83 2.36 0.00	25.50 1.97 0.00	17.99 1.34 0.00	11.10 0.81 0.00	18.56 1.60 0.00	24.17 2.22 0.00	33.38 2.85 0.00	149.04 8.46 0.00	241.44 12.64 0.00	91.13 5.14 0.00	49.61 3.00 0.00	50.85 3.09 0.00	39.75 2.51 0.00
HOLTSVILLE_IC_3 23692	41.24 2.68 0.00	38.52 2.31 0.00	35.91 2.18 0.00	33.63 2.03 0.00	31.73 2.03 0.00	29.55 1.77 0.00	32.27 1.56 0.00	29.49 1.54 0.00	34.24 2.07 0.00	36.36 2.66 0.00	30.83 2.36 0.00	25.50 1.97 0.00	17.99 1.34 0.00	11.10 0.81 0.00	18.56 1.60 0.00	24.17 2.22 0.00	33.38 2.85 0.00	149.04 8.46 0.00	241.44 12.64 0.00	91.13 5.14 0.00	49.61 3.00 0.00	50.85 3.09 0.00	39.75 2.51 0.00
HOLTSVILLE_IC_4 23693	41.24 2.68 0.00	38.52 2.31 0.00	35.91 2.18 0.00	33.63 2.03 0.00	31.73 2.03 0.00	29.55 1.77 0.00	32.27 1.56 0.00	29.49 1.54 0.00	34.24 2.07 0.00	36.36 2.66 0.00	30.83 2.36 0.00	25.50 1.97 0.00	17.99 1.34 0.00	11.10 0.81 0.00	18.56 1.60 0.00	24.17 2.22 0.00	33.38 2.85 0.00	149.04 8.46 0.00	241.44 12.64 0.00	91.13 5.14 0.00	49.61 3.00 0.00	50.85 3.09 0.00	39.75 2.51 0.00
HOLTSVILLE_IC_5 23694	41.24 2.68 0.00	38.52 2.31 0.00	35.91 2.18 0.00	33.63 2.03 0.00	31.73 2.03 0.00	29.55 1.77 0.00	32.27 1.56 0.00	29.49 1.54 0.00	34.24 2.07 0.00	36.36 2.66 0.00	30.83 2.36 0.00	25.50 1.97 0.00	17.99 1.34 0.00	11.10 0.81 0.00	18.56 1.60 0.00	24.17 2.22 0.00	33.38 2.85 0.00	149.04 8.46 0.00	241.44 12.64 0.00	91.13 5.14 0.00	49.61 3.00 0.00	50.85 3.09 0.00	39.75 2.51 0.00
HOLTSVILLE_IC_6 23695	41.40 2.84 0.00	38.66 2.46 0.00	36.04 2.31 0.00	33.75 2.16 0.00	31.84 2.15 0.00	29.66 1.88 0.00	32.37 1.67 0.00	29.59 1.64 0.00	34.38 2.21 0.00	36.52 2.83 0.00	30.96 2.50 0.00	25.60 2.07 0.00	18.06 1.41 0.00	11.13 0.85 0.00	18.63 1.67 0.00	24.28 2.33 0.00	33.55 3.02 0.00	149.86 9.28 0.00	242.82 14.02 0.00	91.58 5.59 0.00	49.85 3.23 0.00	51.08 3.32 0.00	39.93 2.69 0.00
HOLTSVILLE_IC_7 23696	41.40 2.84 0.00	38.66 2.46 0.00	36.04 2.31 0.00	33.75 2.16 0.00	31.84 2.15 0.00	29.66 1.88 0.00	32.37 1.67 0.00	29.59 1.64 0.00	34.38 2.21 0.00	36.52 2.83 0.00	30.96 2.50 0.00	25.60 2.07 0.00	18.06 1.41 0.00	11.13 0.85 0.00	18.63 1.67 0.00	24.28 2.33 0.00	33.55 3.02 0.00	149.86 9.28 0.00	242.82 14.02 0.00	91.58 5.59 0.00	49.85 3.23 0.00	51.08 3.32 0.00	39.93 2.69 0.00
HOLTSVILLE_IC_8 23697	41.40 2.84 0.00	38.66 2.46 0.00	36.04 2.31 0.00	33.75 2.16 0.00	31.84 2.15 0.00	29.66 1.88 0.00	32.37 1.67 0.00	29.59 1.64 0.00	34.38 2.21 0.00	36.52 2.83 0.00	30.96 2.50 0.00	25.60 2.07 0.00	18.06 1.41 0.00	11.13 0.85 0.00	18.63 1.67 0.00	24.28 2.33 0.00	33.55 3.02 0.00	149.86 9.28 0.00	242.82 14.02 0.00	91.58 5.59 0.00	49.85 3.23 0.00	51.08 3.32 0.00	39.93 2.69 0.00
HOLTSVILLE_IC_9 23698	41.40 2.84 0.00	38.66 2.46 0.00	36.04 2.31 0.00	33.75 2.16 0.00	31.84 2.15 0.00	29.66 1.88 0.00	32.37 1.67 0.00	29.59 1.64 0.00	34.38 2.21 0.00	36.52 2.83 0.00	30.96 2.50 0.00	25.60 2.07 0.00	18.06 1.41 0.00	11.13 0.85 0.00	18.63 1.67 0.00	24.28 2.33 0.00	33.55 3.02 0.00	149.86 9.28 0.00	242.82 14.02 0.00	91.58 5.59 0.00	49.85 3.23 0.00	51.08 3.32 0.00	39.93 2.69 0.00
HOMER_HL_115KV_TB2 355744	36.56 -1.93 0.07	34.05 -1.64 0.51	31.05 -1.30 1.39	28.94 -1.04 1.61	28.35 -1.14 0.22	26.76 -1.02 0.00	29.09 -1.13 0.48	26.89 -1.06 0.00	29.53 -1.36 1.29	28.02 -1.86 3.80	23.35 -1.61 3.51	18.56 -1.43 3.54	12.94 -1.10 2.61	8.16 -0.61 1.51	11.65 -1.17 4.14	14.01 -1.52 6.42	22.52 -2.19 5.82	126.60 -8.10 5.87	212.20 -11.59 5.01	61.38 -5.77 18.84	20.29 -3.44 22.88	31.99 -3.23 12.55	32.05 -2.34 2.86
HOWARD_WT_PWR 323690	35.12 -4.04 -0.61	36.92 -3.90 -4.62	42.79 -3.40 -12.45	42.83 -3.21 -14.44	28.51 -3.16 -1.97	25.04 -2.75 0.00	32.23 -2.83 -4.35	25.10 -2.85 0.00	40.60 -3.28 -11.70	64.50 -3.83 -34.64	57.38 -3.05 -31.97	53.43 -2.37 -32.26	38.18 -1.90 -23.43	22.83 -1.23 -13.77	30.97 -2.32 -16.33	42.30 -2.97 -23.31	61.19 -3.64 -34.30	180.43 -12.87 -52.73	255.53 -18.32 -45.04	94.67 -8.30 -16.97	23.66 -5.09 17.86	54.24 -5.28 -11.75	33.76 -4.09 -0.62
HQ_GEN_CEDARS 23644	38.90 0.34 0.00	36.57 0.37 0.00	33.96 0.23 0.00	31.73 0.14 0.00	29.89 0.19 0.00	28.03 0.24 0.00	31.05 0.34 0.00	28.28 0.32 0.00	32.44 0.27 0.00	33.79 0.10 0.00	28.41 -0.05 0.00	23.42 -0.11 0.00	16.59 -0.06 0.00	10.24 -0.05 0.00	16.84 -0.12 0.00	21.81 -0.14 0.00	30.41 -0.12 0.00	141.21 0.64 0.00	230.36 1.56 0.00	86.37 0.38 0.00	46.67 0.06 0.00	47.77 0.01 0.00	37.37 0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	38.90 0.34 0.00	36.57 0.37 0.00	33.96 0.23 0.00	31.73 0.14 0.00	29.89 0.19 0.00	25.13 0.24 2.90	31.05 0.34 0.00	28.28 0.32 0.00	32.44 0.27 0.00	33.79 0.10 0.00	28.41 -0.05 0.00	23.42 -0.11 0.00	16.59 -0.06 0.00	10.24 -0.05 0.00	16.84 -0.12 0.00	21.81 -0.14 0.00	30.41 -0.11 0.00	141.21 0.64 0.00	230.36 1.57 0.00	86.37 0.38 0.00	46.68 0.06 0.00	47.77 0.01 0.00	37.37 0.13 0.00
HQ_GEN_CHPE_PROXY	41.09	38.43	35.85	33.56	31.64	29.53	32.52	29.62	34.18	36.01	30.56	25.33	17.91	11.13	18.46	23.94	32.95	148.54	241.16	91.35	49.32	50.48	39.29

323851	2.53 0.00	2.22 0.00	2.11 0.00	1.97 0.00	1.94 0.00	1.75 0.00	1.82 0.00	1.67 0.00	2.01 0.00	2.32 0.00	2.10 0.00	1.79 0.00	1.26 0.00	0.85 0.00	1.50 0.00	1.99 0.00	2.43 0.00	7.97 0.00	12.36 0.00	4.77 -0.58	2.71 0.00	2.72 0.00	2.05 0.00
HQ_GEN_IMPORT 323601	38.76 0.20 0.00	36.42 0.22 0.00	33.89 0.16 0.00	31.71 0.11 0.00	29.84 0.14 0.00	27.94 0.15 0.00	30.89 0.19 0.00	28.13 0.18 0.00	32.34 0.17 0.00	33.80 0.11 0.00	28.52 0.06 0.00	23.56 0.02 0.00	16.67 0.02 0.00	10.30 0.01 0.00	16.96 0.00 0.00	21.95 0.01 0.00	30.57 0.04 0.00	141.04 0.47 0.00	229.73 0.93 0.00	86.87 0.29 -0.58	46.73 0.11 0.00	47.87 0.11 0.00	37.36 0.12 0.00
HQ_GEN_WHEEL 23651	38.76 0.20 0.00	36.42 0.22 0.00	33.89 0.16 0.00	31.71 0.11 0.00	29.84 0.14 0.00	27.94 0.15 0.00	30.89 0.19 0.00	28.13 0.18 0.00	32.34 0.17 0.00	33.80 0.11 0.00	28.52 0.06 0.00	23.56 0.02 0.00	16.67 0.02 0.00	10.30 0.01 0.00	16.96 0.00 0.00	21.95 0.01 0.00	30.57 0.04 0.00	141.04 0.47 0.00	229.73 0.93 0.00	86.87 0.29 -0.58	46.73 0.11 0.00	47.87 0.11 0.00	37.36 0.12 0.00
HUDSON AVE_GT_3 23810	41.18 2.62 0.00	38.51 2.30 0.00	35.92 2.19 0.00	33.63 2.04 0.00	31.71 2.01 0.00	29.59 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.26 2.09 0.00	36.10 2.41 0.00	30.62 2.16 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.16 0.87 0.00	18.50 1.54 0.00	23.99 2.04 0.00	33.04 2.51 0.00	148.89 8.32 0.00	241.69 12.89 0.00	90.99 5.00 0.00	49.43 2.82 0.00	50.59 2.83 0.00	39.38 2.13 0.00
HUDSON AVE_GT_4 23540	41.18 2.62 0.00	38.51 2.30 0.00	35.92 2.19 0.00	33.63 2.04 0.00	31.71 2.01 0.00	29.59 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.26 2.09 0.00	36.10 2.41 0.00	30.62 2.16 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.16 0.87 0.00	18.50 1.54 0.00	23.99 2.04 0.00	33.04 2.51 0.00	148.89 8.32 0.00	241.69 12.89 0.00	90.99 5.00 0.00	49.43 2.82 0.00	50.59 2.83 0.00	39.38 2.13 0.00
HUDSON AVE_GT_5 23657	41.18 2.62 0.00	38.51 2.30 0.00	35.92 2.19 0.00	33.63 2.04 0.00	31.71 2.01 0.00	29.59 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.26 2.09 0.00	36.10 2.41 0.00	30.62 2.16 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.16 0.87 0.00	18.50 1.54 0.00	23.99 2.04 0.00	33.04 2.51 0.00	148.89 8.32 0.00	241.69 12.89 0.00	90.99 5.00 0.00	49.43 2.82 0.00	50.59 2.83 0.00	39.38 2.13 0.00
HUDSON_AVE_10 24168	41.01 2.45 0.00	38.34 2.14 0.00	35.76 2.03 0.00	33.49 1.90 0.00	31.59 1.89 0.00	29.48 1.69 0.00	32.47 1.77 0.00	29.59 1.64 0.00	34.13 1.96 0.00	35.97 2.27 0.00	30.52 2.06 0.00	25.31 1.78 0.00	17.90 1.25 0.00	11.13 0.84 0.00	18.44 1.48 0.00	23.92 1.97 0.00	32.93 2.41 0.00	148.32 7.75 0.00	240.78 11.98 0.00	90.65 4.66 0.00	49.28 2.66 0.00	50.43 2.67 0.00	39.24 2.00 0.00
HUDSON___115KV_TB 4 355613	40.62 2.07 0.00	38.09 1.88 0.00	35.50 1.77 0.00	33.25 1.66 0.00	31.25 1.55 0.00	29.23 1.45 0.00	32.30 1.60 0.00	29.41 1.46 0.00	33.84 1.67 0.00	35.49 1.80 0.00	29.85 1.39 0.00	24.73 1.20 0.00	17.46 0.81 0.00	10.76 0.47 0.00	17.71 0.75 0.00	22.94 0.99 0.00	31.97 1.44 0.00	147.45 6.87 0.00	239.85 11.05 0.00	90.58 4.58 0.00	49.15 2.54 0.00	50.23 2.47 0.00	39.07 1.83 0.00
HUNTER MOUNT___DRP 323613	40.78 2.22 0.00	38.23 2.03 0.00	35.63 1.90 0.00	33.37 1.77 0.00	31.35 1.65 0.00	29.35 1.56 0.00	32.45 1.75 0.00	29.55 1.60 0.00	33.99 1.82 0.00	35.67 1.97 0.00	29.96 1.49 0.00	24.82 1.29 0.00	17.51 0.86 0.00	10.78 0.50 0.00	17.74 0.78 0.00	22.98 1.03 0.00	32.07 1.55 0.00	148.14 7.56 0.00	240.84 12.05 0.00	91.06 5.06 0.00	49.39 2.77 0.00	50.44 2.68 0.00	39.23 1.98 0.00
HUNTINGTON_RES_REC 323705	41.24 2.68 0.00	38.53 2.32 0.00	35.91 2.18 0.00	33.63 2.03 0.00	31.72 2.02 0.00	29.56 1.78 0.00	32.30 1.59 0.00	29.50 1.55 0.00	34.24 2.07 0.00	36.34 2.65 0.00	30.81 2.34 0.00	25.48 1.94 0.00	17.97 1.33 0.00	11.10 0.81 0.00	18.55 1.59 0.00	24.16 2.21 0.00	33.37 2.85 0.00	149.02 8.45 0.00	241.34 12.54 0.00	91.16 5.16 0.00	49.61 3.00 0.00	50.84 3.08 0.00	39.70 2.46 0.00
HUNTLEY___63 23557	34.73 -3.63 0.19	31.39 -3.34 1.47	26.74 -3.04 3.96	24.22 -2.79 4.59	26.38 -2.70 0.62	25.29 -2.50 0.00	26.54 -2.79 1.38	25.55 -2.40 0.00	25.56 -2.91 3.70	19.15 -3.61 10.93	15.23 -3.14 10.09	10.50 -2.85 10.18	7.11 -2.10 7.43	4.71 -1.23 4.35	6.94 -2.18 7.84	6.97 -2.69 12.29	13.01 -3.79 13.73	108.63 -15.19 16.75	190.82 -23.67 14.31	52.42 -10.08 23.50	18.27 -5.66 22.68	26.30 -5.25 16.21	30.06 -3.95 3.23
HUNTLEY___64 23558	34.73 -3.63 0.19	31.39 -3.34 1.47	26.74 -3.04 3.96	24.22 -2.79 4.59	26.38 -2.70 0.62	25.29 -2.50 0.00	26.54 -2.79 1.38	25.55 -2.40 0.00	25.56 -2.91 3.70	19.15 -3.61 10.93	15.23 -3.14 10.09	10.50 -2.85 10.18	7.11 -2.10 7.43	4.71 -1.23 4.35	6.94 -2.18 7.84	6.97 -2.69 12.29	13.01 -3.79 13.73	108.63 -15.19 16.75	190.82 -23.67 14.31	52.42 -10.08 23.50	18.27 -5.66 22.68	26.30 -5.25 16.21	30.06 -3.95 3.23
HUNTLEY___65 23559	34.73 -3.63 0.19	31.39 -3.34 1.47	26.74 -3.04 3.96	24.22 -2.79 4.59	26.38 -2.70 0.62	25.29 -2.50 0.00	26.54 -2.79 1.38	25.55 -2.40 0.00	25.56 -2.91 3.70	19.15 -3.61 10.93	15.23 -3.14 10.09	10.50 -2.85 10.18	7.11 -2.10 7.43	4.71 -1.23 4.35	6.94 -2.18 7.84	6.97 -2.69 12.29	13.01 -3.79 13.73	108.63 -15.19 16.75	190.82 -23.67 14.31	52.42 -10.08 23.50	18.27 -5.66 22.68	26.30 -5.25 16.21	30.06 -3.95 3.23
HUNTLEY___66 23560	34.73 -3.63 0.19	31.39 -3.34 1.47	26.74 -3.04 3.96	24.22 -2.79 4.59	26.38 -2.70 0.62	25.29 -2.50 0.00	26.54 -2.79 1.38	25.55 -2.40 0.00	25.56 -2.91 3.70	19.15 -3.61 10.93	15.23 -3.14 10.09	10.50 -2.85 10.18	7.11 -2.10 7.43	4.71 -1.23 4.35	6.94 -2.18 7.84	6.97 -2.69 12.29	13.01 -3.79 13.73	108.63 -15.19 16.75	190.82 -23.67 14.31	52.42 -10.08 23.50	18.27 -5.66 22.68	26.30 -5.25 16.21	30.06 -3.95 3.23
HUNTLEY___67 23561	34.54 -3.79 0.23	30.98 -3.49 1.73	25.90 -3.16 4.67	23.27 -2.90 5.42	26.17 -2.80 0.74	25.19 -2.59 0.00	26.22 -2.86 1.63	25.48 -2.47 0.00	24.78 -3.02 4.37	17.04 -3.71 12.94	13.30 -3.22 11.94	8.58 -2.90 12.05	5.73 -2.12 8.79	3.90 -1.24 5.14	5.72 -2.20 9.04	5.58 -2.73 13.64	11.22 -3.82 15.48	105.24 -15.54 19.79	187.78 -24.12 16.91	49.42 -10.38 26.20	16.26 -5.83 24.51	24.12 -5.49 18.15	29.58 -4.10 3.56
HUNTLEY___68	34.54	30.98	25.90	23.27	26.17	25.19	26.22	25.48	24.78	17.04	13.30	8.58	5.73	3.90	5.72	5.58	11.22	105.24	187.78	49.42	16.26	24.12	29.58

23562	-3.79 0.23	-3.49 1.73	-3.16 4.67	-2.90 5.42	-2.80 0.74	-2.59 0.00	-2.86 1.63	-2.47 0.00	-3.02 4.37	-3.71 12.94	-3.22 11.94	-2.90 12.05	-2.12 8.79	-1.24 5.14	-2.20 9.04	-2.73 13.64	-3.82 15.48	-15.54 19.79	-24.12 16.91	-10.38 26.20	-5.83 24.51	-5.49 18.15	-4.10 3.56
HYLAND___LFGE 323620	37.89 -1.36 -0.68	40.09 -1.34 -5.22	46.59 -1.19 -14.05	46.84 -1.04 -16.29	30.85 -1.07 -2.22	26.96 -0.82 0.00	34.86 -0.75 -4.91	27.21 -0.74 0.00	44.39 -0.98 -13.20	71.11 -1.67 -39.08	62.86 -1.68 -36.07	58.42 -1.52 -36.40	41.82 -1.28 -26.46	25.00 -0.82 -15.54	35.30 -1.48 -19.82	48.46 -1.77 -28.28	67.95 -2.13 -39.56	193.48 -6.58 -59.49	274.93 -4.69 -50.82	113.20 -1.91 -29.11	40.06 -1.37 5.18	66.45 -1.43 -20.12	38.20 -1.26 -2.22
INDECK___CORINTH 23802	39.71 1.15 0.00	37.25 1.04 0.00	34.74 1.01 0.00	32.56 0.97 0.00	30.60 0.90 0.00	28.71 0.92 0.00	31.74 1.04 0.00	28.87 0.92 0.00	33.24 1.07 0.00	34.76 1.07 0.00	29.19 0.73 0.00	24.13 0.59 0.00	17.07 0.43 0.00	10.45 0.16 0.00	17.23 0.27 0.00	22.46 0.52 0.00	31.58 1.05 0.00	145.87 5.30 0.00	236.80 8.00 0.00	89.26 3.27 0.00	48.34 1.72 0.00	49.35 1.59 0.00	38.30 1.06 0.00
INDECK___ILION 23567	39.03 0.46 0.00	36.60 0.40 0.00	34.12 0.38 0.00	31.97 0.38 0.00	29.98 0.27 0.00	28.00 0.22 0.00	30.95 0.25 0.00	28.19 0.24 0.00	32.43 0.26 0.00	34.05 0.36 0.00	28.74 0.27 0.00	23.66 0.13 0.00	16.73 0.08 0.00	10.31 0.02 0.00	17.03 0.06 0.00	22.06 0.11 0.00	30.92 0.39 0.00	143.00 2.43 0.00	232.32 3.52 0.00	87.29 1.29 0.00	47.29 0.68 0.00	48.29 0.53 0.00	37.48 0.24 0.00
INDECK___OLEAN 23982	36.56 -1.93 0.07	34.06 -1.63 0.51	31.06 -1.29 1.39	28.96 -1.03 1.61	28.35 -1.13 0.22	26.76 -1.02 0.00	29.11 -1.11 0.48	26.89 -1.06 0.00	29.55 -1.33 1.29	28.06 -1.82 3.80	23.40 -1.56 3.51	18.65 -1.34 3.54	12.96 -1.08 2.61	8.17 -0.60 1.51	11.66 -1.17 4.14	14.04 -1.48 6.42	22.59 -2.11 5.82	126.72 -7.99 5.87	212.45 -11.34 5.01	61.42 -5.74 18.84	19.68 -3.47 23.46	32.06 -3.15 12.55	31.85 -2.34 3.06
INDECK___OSWEGO 23783	36.95 -1.61 0.00	34.66 -1.54 0.00	32.32 -1.42 0.00	30.28 -1.32 0.00	28.46 -1.24 0.00	26.65 -1.13 0.00	29.49 -1.21 0.00	26.84 -1.11 0.00	30.92 -1.25 0.00	32.37 -1.31 0.00	27.33 -1.13 0.00	22.57 -0.97 0.00	15.92 -0.72 0.00	9.84 -0.44 0.00	16.22 -0.74 0.00	21.02 -0.93 0.00	29.27 -1.26 0.00	136.14 -4.43 0.00	222.05 -6.75 0.00	83.37 -2.63 0.00	45.07 -1.54 0.00	46.19 -1.57 0.00	36.03 -1.21 0.00
INDECK___YERKES 23781	34.77 -3.60 0.19	31.43 -3.31 1.47	26.79 -2.99 3.96	24.28 -2.73 4.59	26.42 -2.66 0.62	25.30 -2.48 0.00	26.60 -2.73 1.38	25.57 -2.37 0.00	25.61 -2.87 3.70	19.24 -3.51 10.93	15.32 -3.05 10.09	10.63 -2.73 10.18	7.15 -2.06 7.43	4.72 -1.22 4.35	6.96 -2.16 7.84	7.06 -2.60 12.29	13.16 -3.64 13.73	108.88 -14.94 16.75	191.39 -23.11 14.31	52.61 -9.89 23.50	17.91 -5.59 23.10	26.40 -5.14 16.21	29.94 -3.92 3.38
INDIAN POINT___GT_1 24139	40.68 2.12 0.00	38.08 1.87 0.00	35.53 1.80 0.00	33.27 1.68 0.00	31.36 1.66 0.00	29.24 1.46 0.00	32.22 1.51 0.00	29.33 1.38 0.00	33.83 1.66 0.00	35.62 1.93 0.00	30.21 1.75 0.00	25.04 1.51 0.00	17.71 1.06 0.00	11.00 0.72 0.00	18.23 1.27 0.00	23.64 1.69 0.00	32.58 2.06 0.00	147.27 6.70 0.00	239.12 10.32 0.00	89.99 3.99 0.00	48.86 2.25 0.00	50.01 2.25 0.00	38.93 1.69 0.00
INDIAN POINT___GT_2 23659	40.68 2.12 0.00	38.08 1.87 0.00	35.53 1.80 0.00	33.27 1.68 0.00	31.36 1.66 0.00	29.24 1.46 0.00	32.22 1.51 0.00	29.33 1.38 0.00	33.83 1.66 0.00	35.62 1.93 0.00	30.21 1.75 0.00	25.04 1.51 0.00	17.71 1.06 0.00	11.00 0.72 0.00	18.23 1.27 0.00	23.64 1.69 0.00	32.58 2.06 0.00	147.27 6.70 0.00	239.12 10.32 0.00	89.99 3.99 0.00	48.86 2.25 0.00	50.01 2.25 0.00	38.93 1.69 0.00
INDIAN POINT___GT_3 24019	40.68 2.12 0.00	38.08 1.87 0.00	35.53 1.80 0.00	33.27 1.68 0.00	31.36 1.66 0.00	29.24 1.46 0.00	32.22 1.51 0.00	29.33 1.38 0.00	33.83 1.66 0.00	35.62 1.93 0.00	30.21 1.75 0.00	25.04 1.51 0.00	17.71 1.06 0.00	11.00 0.72 0.00	18.23 1.27 0.00	23.64 1.69 0.00	32.58 2.06 0.00	147.27 6.70 0.00	239.12 10.32 0.00	89.99 3.99 0.00	48.86 2.25 0.00	50.01 2.25 0.00	38.93 1.69 0.00
INDIAN POINT___2 23530	40.64 2.08 0.00	38.02 1.81 0.00	35.49 1.76 0.00	33.24 1.64 0.00	31.32 1.61 0.00	29.21 1.42 0.00	32.17 1.46 0.00	29.28 1.33 0.00	33.78 1.61 0.00	35.57 1.88 0.00	30.17 1.71 0.00	25.00 1.47 0.00	17.67 1.03 0.00	10.99 0.70 0.00	18.20 1.24 0.00	23.60 1.65 0.00	32.53 2.00 0.00	147.07 6.49 0.00	238.81 10.02 0.00	89.85 3.85 0.00	48.78 2.16 0.00	49.94 2.18 0.00	38.88 1.64 0.00
INDIAN POINT___3 23531	40.64 2.08 0.00	38.05 1.84 0.00	35.51 1.77 0.00	33.25 1.65 0.00	31.33 1.63 0.00	29.22 1.44 0.00	32.19 1.49 0.00	29.30 1.36 0.00	33.80 1.63 0.00	35.59 1.90 0.00	30.18 1.72 0.00	25.02 1.48 0.00	17.69 1.04 0.00	10.99 0.71 0.00	18.21 1.25 0.00	23.61 1.66 0.00	32.54 2.02 0.00	147.13 6.56 0.00	238.89 10.09 0.00	89.90 3.91 0.00	48.81 2.20 0.00	49.96 2.20 0.00	38.90 1.65 0.00
INGHAM_C___115KV_TB7 356103	39.67 1.11 0.00	37.16 0.95 0.00	34.64 0.91 0.00	32.50 0.90 0.00	30.41 0.71 0.00	28.36 0.57 0.00	31.37 0.67 0.00	28.60 0.65 0.00	32.81 0.64 0.00	34.45 0.76 0.00	29.01 0.55 0.00	23.77 0.23 0.00	16.78 0.14 0.00	10.30 0.02 0.00	17.02 0.05 0.00	22.09 0.14 0.00	31.27 0.75 0.00	145.47 4.90 0.00	235.88 7.08 0.00	88.69 2.70 0.00	48.04 1.42 0.00	48.94 1.18 0.00	37.79 0.55 0.00
IP CORINTH___1 23988	39.93 1.37 0.00	37.46 1.25 0.00	34.92 1.18 0.00	32.73 1.13 0.00	30.76 1.06 0.00	28.86 1.07 0.00	31.92 1.22 0.00	29.03 1.08 0.00	33.42 1.25 0.00	34.95 1.26 0.00	29.34 0.88 0.00	24.25 0.72 0.00	17.16 0.51 0.00	10.50 0.21 0.00	17.32 0.36 0.00	22.58 0.63 0.00	31.73 1.21 0.00	146.68 6.11 0.00	238.17 9.37 0.00	89.74 3.74 0.00	48.58 1.97 0.00	49.60 1.84 0.00	38.49 1.24 0.00
IP___TICONDEROGA 23804	40.84 2.28 0.00	38.29 2.08 0.00	35.59 1.85 0.00	33.43 1.83 0.00	31.44 1.74 0.00	29.70 1.91 0.00	33.09 2.39 0.00	29.98 2.03 0.00	34.47 2.30 0.00	35.74 2.05 0.00	29.67 1.21 0.00	24.66 1.12 0.00	17.44 0.79 0.00	10.62 0.33 0.00	17.51 0.54 0.00	23.09 1.15 0.00	32.64 2.11 0.00	151.91 11.34 0.00	246.56 17.76 0.00	93.06 7.06 0.00	50.31 3.70 0.00	51.26 3.50 0.00	39.32 2.08 0.00
ISLIP_RES_REC	41.52	38.77	36.13	33.83	31.93	29.74	32.46	29.67	34.49	36.64	31.06	25.68	18.11	11.15	18.67	24.35	33.66	150.42	243.80	91.92	50.02	51.25	40.06

323679	2.96 0.00	2.56 0.00	2.40 0.00	2.24 0.00	2.23 0.00	1.96 0.00	1.76 0.00	1.72 0.00	2.32 0.00	2.95 0.00	2.60 0.00	2.15 0.00	1.46 0.00	0.87 0.00	1.71 0.00	2.40 0.00	3.14 0.00	9.85 0.00	15.00 0.00	5.92 0.00	3.41 0.00	3.49 0.00	2.82 0.00
JAMAICA__27_KV_LOAD 355505	41.17 2.61 0.00	38.46 2.25 0.00	35.86 2.13 0.00	33.59 2.00 0.00	31.71 2.01 0.00	29.61 1.82 0.00	32.62 1.92 0.00	29.77 1.82 0.00	34.30 2.13 0.00	36.16 2.47 0.00	30.70 1.95 0.00	25.49 1.36 0.00	18.01 0.90 0.00	11.19 1.59 0.00	18.55 2.12 0.00	24.07 2.60 0.00	33.13 8.43 0.00	149.01 13.17 0.00	241.96 5.05 0.00	91.05 2.93 0.00	49.55 2.93 0.00	50.69 2.93 0.00	39.43 2.19 0.00
JANIS__SOLAR 323808	38.46 -0.14 -0.04	36.35 -0.17 -0.31	34.51 -0.07 -0.84	32.57 0.00 -0.98	29.91 0.07 -0.13	27.97 0.18 0.00	31.48 0.47 -0.30	28.53 0.57 0.00	33.53 0.56 -0.80	36.55 0.48 -2.38	31.05 0.39 -2.20	25.59 -0.17 -2.22	18.03 -0.23 -1.62	11.02 -0.21 -0.95	17.91 -0.40 -1.35	23.30 -0.54 -1.89	32.66 -0.30 -2.44	146.71 2.57 -3.57	238.22 6.37 -3.05	93.97 1.35 -6.63	48.43 0.53 -1.29	51.64 0.38 -3.50	37.82 0.26 -0.32
JARVIS____ 23743	38.56 0.00 0.00	36.21 0.00 0.00	33.73 0.00 0.00	31.59 0.00 0.00	29.70 0.00 0.00	27.76 -0.02 0.00	30.68 -0.02 0.00	27.92 -0.03 0.00	32.17 0.00 0.00	33.72 0.03 0.00	28.49 0.03 0.00	23.56 0.02 0.00	16.67 0.02 0.00	10.30 0.01 0.00	16.99 0.04 0.00	21.98 0.03 0.00	30.56 0.03 0.00	140.74 0.17 0.00	229.03 0.23 0.00	86.09 0.09 0.00	46.67 0.05 0.00	47.80 0.04 0.00	37.25 0.00 0.00
JENNISON__1 23625	38.41 -0.15 0.00	36.04 -0.17 0.00	33.65 -0.09 0.00	31.59 -0.01 0.00	29.74 0.03 0.00	27.90 0.11 0.00	31.08 0.38 0.00	28.51 0.56 0.00	32.77 0.60 0.00	34.25 0.56 0.00	29.09 0.62 0.00	23.88 0.34 0.00	16.82 0.17 -0.01	10.40 0.11 0.00	17.97 0.14 -0.88	22.82 -0.02 -0.88	30.94 0.25 -0.16	143.83 3.26 0.00	234.59 5.79 0.00	92.80 1.20 -5.61	56.79 0.64 -9.53	52.06 0.27 -4.03	38.31 0.07 -1.00
JENNISON__2 23626	38.41 -0.15 0.00	36.04 -0.17 0.00	33.65 -0.09 0.00	31.59 -0.01 0.00	29.74 0.03 0.00	27.90 0.11 0.00	31.08 0.38 0.00	28.51 0.56 0.00	32.77 0.60 0.00	34.25 0.56 0.00	29.09 0.62 0.00	23.88 0.34 0.00	16.82 0.17 -0.01	10.40 0.11 0.00	17.97 0.14 -0.88	22.82 -0.02 -0.88	30.94 0.25 -0.16	143.83 3.26 0.00	234.59 5.79 0.00	92.80 1.20 -5.61	56.79 0.64 -9.53	52.06 0.27 -4.03	38.31 0.07 -1.00
JERICHO_RISE_WT_PWR 323719	38.20 -0.36 0.00	36.07 -0.14 0.00	33.24 -0.50 0.00	31.00 -0.60 0.00	29.19 -0.51 0.00	27.34 -0.45 0.00	30.24 -0.46 0.00	27.53 -0.42 0.00	31.61 -0.56 0.00	33.12 -0.57 0.00	27.91 -0.56 0.00	22.99 -0.54 0.00	16.31 -0.33 0.00	10.01 -0.28 0.00	16.46 -0.50 0.00	21.32 -0.62 0.00	29.79 -0.73 0.00	138.35 -2.22 0.00	225.53 -3.26 0.00	84.49 -1.51 0.00	45.68 -0.94 0.00	46.69 -1.07 0.00	36.50 -0.74 0.00
KATONAH__115KV_46KV_TB4 355592	40.91 2.35 0.00	38.29 2.09 0.00	35.72 1.98 0.00	33.43 1.84 0.00	31.51 1.81 0.00	29.41 1.63 0.00	32.41 1.71 0.00	29.51 1.56 0.00	34.05 1.88 0.00	35.86 2.17 0.00	30.40 1.94 0.00	25.19 1.65 0.00	17.82 1.17 0.00	11.06 0.78 0.00	18.32 1.37 0.00	23.75 1.81 0.00	32.78 2.25 0.00	148.22 7.65 0.00	240.62 11.82 0.00	90.56 4.57 0.00	49.16 2.54 0.00	50.29 2.53 0.00	39.14 1.90 0.00
KCE_NY_1 323755	40.16 1.60 0.00	37.69 1.49 0.00	35.17 1.43 0.00	32.92 1.33 0.00	30.94 1.24 0.00	28.96 1.18 0.00	32.04 1.34 0.00	29.14 1.19 0.00	33.54 1.37 0.00	35.14 1.45 0.00	29.58 1.11 0.00	24.43 0.90 0.00	17.30 0.65 0.00	10.62 0.34 0.00	17.55 0.59 0.00	22.79 0.85 0.00	31.89 1.37 0.00	147.04 6.46 0.00	238.65 9.86 0.00	89.86 3.87 0.00	48.72 2.11 0.00	49.78 2.02 0.00	38.69 1.45 0.00
KCE_NY_6_ESR 323823	35.09 -3.25 0.22	31.49 -3.00 1.72	26.43 -2.68 4.62	23.82 -2.42 5.36	26.59 -2.38 0.73	25.58 -2.21 0.00	26.73 -2.37 1.61	25.89 -2.06 0.00	25.33 -2.52 4.32	17.78 -3.13 12.79	13.93 -2.73 11.80	9.17 -2.45 11.91	6.09 -1.87 8.69	4.11 -1.09 5.09	5.97 -1.96 9.03	5.97 -2.36 13.62	11.90 -3.25 15.37	107.97 -13.03 19.57	192.36 -19.72 16.72	50.56 -8.74 26.70	15.94 -5.02 25.66	24.68 -4.68 18.40	29.90 -3.54 3.80
KEDC_PORT_JEFF_GT2 24210	41.34 2.79 0.00	38.61 2.41 0.00	35.99 2.26 0.00	33.70 2.11 0.00	31.81 2.11 0.00	29.62 1.83 0.00	32.33 1.62 0.00	29.55 1.59 0.00	34.33 2.17 0.00	36.47 2.77 0.00	30.92 2.46 0.00	25.56 2.03 0.00	18.03 1.38 0.00	11.12 0.83 0.00	18.60 1.64 0.00	24.25 2.30 0.00	33.50 2.97 0.00	149.69 9.11 0.00	242.44 13.64 0.00	91.47 5.48 0.00	49.78 3.17 0.00	51.01 3.25 0.00	39.87 2.63 0.00
KEDC_PORT_JEFF_GT3 24211	41.34 2.79 0.00	38.61 2.41 0.00	35.99 2.26 0.00	33.70 2.11 0.00	31.81 2.11 0.00	29.62 1.83 0.00	32.33 1.62 0.00	29.55 1.59 0.00	34.33 2.17 0.00	36.47 2.77 0.00	30.92 2.46 0.00	25.56 2.03 0.00	18.03 1.38 0.00	11.12 0.83 0.00	18.60 1.64 0.00	24.25 2.30 0.00	33.50 2.97 0.00	149.69 9.11 0.00	242.44 13.64 0.00	91.47 5.48 0.00	49.78 3.17 0.00	51.01 3.25 0.00	39.87 2.63 0.00
KEDC_GLWD_GT4 24219	41.18 2.62 0.00	38.51 2.30 0.00	35.91 2.17 0.00	33.63 2.04 0.00	31.70 2.00 0.00	29.57 1.79 0.00	32.49 1.78 0.00	29.61 1.66 0.00	34.24 2.07 0.00	36.15 2.46 0.00	30.66 2.20 0.00	25.40 1.86 0.00	17.93 1.29 0.00	11.13 0.84 0.00	18.51 1.55 0.00	24.01 2.06 0.00	33.09 2.57 0.00	148.29 7.72 0.00	240.04 11.23 0.00	90.86 4.87 0.00	49.47 2.86 0.00	50.64 2.88 0.00	39.45 2.21 0.00
KEDC_GLWD_GT5 24220	41.18 2.62 0.00	38.51 2.30 0.00	35.91 2.17 0.00	33.63 2.04 0.00	31.70 2.00 0.00	29.57 1.79 0.00	32.49 1.78 0.00	29.61 1.66 0.00	34.24 2.07 0.00	36.15 2.46 0.00	30.66 2.20 0.00	25.40 1.86 0.00	17.93 1.29 0.00	11.13 0.84 0.00	18.51 1.55 0.00	24.01 2.06 0.00	33.09 2.57 0.00	148.29 7.72 0.00	240.04 11.23 0.00	90.86 4.87 0.00	49.47 2.86 0.00	50.64 2.88 0.00	39.45 2.21 0.00
KENSICO____ 23655	40.83 2.27 0.00	38.21 2.00 0.00	35.65 1.92 0.00	33.38 1.79 0.00	31.46 1.76 0.00	29.35 1.57 0.00	32.33 1.63 0.00	29.44 1.49 0.00	33.96 1.79 0.00	35.78 2.09 0.00	30.34 1.88 0.00	25.15 1.62 0.00	17.78 1.13 0.00	11.05 0.76 0.00	18.31 1.35 0.00	23.74 1.79 0.00	32.73 2.20 0.00	147.82 7.24 0.00	239.96 11.16 0.00	90.33 4.33 0.00	49.04 2.43 0.00	50.20 2.44 0.00	39.08 1.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G	40.87	38.28	35.70	33.43	31.48	29.40	32.43	29.52	33.96	35.56	30.15	25.03	17.71	10.95	18.14	23.56	32.60	148.20	241.15	90.73	49.22	50.31	39.12

345021	2.31 0.00	2.07 0.00	1.97 0.00	1.84 0.00	1.77 0.00	1.62 0.00	1.73 0.00	1.57 0.00	1.78 0.00	1.87 0.00	1.68 0.00	1.50 0.00	1.06 0.00	0.67 0.00	1.18 0.00	1.62 0.00	2.07 0.00	7.63 0.00	12.35 0.00	4.74 0.00	2.61 0.00	2.55 0.00	1.88 0.00
KIAC_JFK_GT1 23816	40.93 2.37 0.00	38.24 2.03 0.00	35.66 1.93 0.00	33.40 1.81 0.00	31.54 1.84 0.00	29.44 1.66 0.00	32.45 1.75 0.00	29.60 1.65 0.00	34.11 1.94 0.00	35.96 2.27 0.00	30.54 2.08 0.00	25.35 1.82 0.00	17.92 1.27 0.00	11.14 0.85 0.00	18.46 1.50 0.00	23.93 1.98 0.00	32.94 2.41 0.00	147.57 7.00 0.00	239.61 10.81 0.00	90.22 4.23 0.00	49.25 2.63 0.00	50.40 2.64 0.00	39.22 1.98 0.00
KIAC_JFK_GT2 23817	40.93 2.37 0.00	38.24 2.03 0.00	35.66 1.93 0.00	33.40 1.81 0.00	31.54 1.84 0.00	29.44 1.66 0.00	32.45 1.75 0.00	29.60 1.65 0.00	34.11 1.94 0.00	35.96 2.27 0.00	30.54 2.08 0.00	25.35 1.82 0.00	17.92 1.27 0.00	11.14 0.85 0.00	18.46 1.50 0.00	23.93 1.98 0.00	32.94 2.41 0.00	147.57 7.00 0.00	239.61 10.81 0.00	90.22 4.23 0.00	49.25 2.63 0.00	50.40 2.64 0.00	39.22 1.98 0.00
KIAC_JFK____ 323774	40.93 2.38 0.00	38.24 2.03 0.00	35.66 1.93 0.00	33.40 1.80 0.00	31.53 1.83 0.00	29.44 1.66 0.00	32.44 1.74 0.00	29.60 1.65 0.00	34.11 1.94 0.00	35.96 2.27 0.00	30.54 2.07 0.00	25.35 1.82 0.00	17.92 1.27 0.00	11.13 0.85 0.00	18.46 1.51 0.00	23.93 1.98 0.00	32.93 2.40 0.00	147.57 7.00 0.00	239.57 10.76 0.00	90.20 4.21 0.00	49.24 2.63 0.00	50.41 2.65 0.00	39.22 1.98 0.00
KINTIGH_24_KV_GSU 356498	34.61 -3.81 0.14	31.65 -3.50 1.06	27.71 -3.18 2.85	25.37 -2.93 3.30	26.44 -2.81 0.45	25.16 -2.63 0.00	26.84 -2.88 0.99	25.42 -2.53 0.00	26.46 -3.06 2.65	22.16 -3.68 7.86	18.07 -3.14 7.25	13.47 -2.75 7.32	9.25 -2.05 5.34	5.94 -1.22 3.12	8.97 -2.15 5.85	10.08 -2.63 9.23	16.78 -3.65 10.10	113.28 -15.25 12.04	194.69 -23.82 10.29	57.52 -10.15 18.33	21.96 -5.73 18.93	29.70 -5.39 12.67	30.50 -4.04 2.70
KINTIGH____ 23543	34.58 -3.84 0.14	31.63 -3.52 1.06	27.66 -3.23 2.85	25.33 -2.97 3.30	26.41 -2.84 0.45	25.14 -2.64 0.00	26.80 -2.91 0.99	25.41 -2.54 0.00	26.43 -3.09 2.65	22.09 -3.74 7.86	18.00 -3.21 7.25	13.36 -2.86 7.32	9.22 -2.09 5.34	5.93 -1.23 3.12	8.95 -2.16 5.85	10.01 -2.71 9.23	16.65 -3.78 10.10	113.07 -15.45 12.04	194.29 -24.22 10.29	57.39 -10.27 18.33	22.28 -5.78 18.55	29.63 -5.46 12.67	30.61 -4.06 2.57
KNTFSRNC_46_KV_46KV_LOAD 80397	38.76 0.20 0.00	36.56 0.36 0.00	33.74 0.01 0.00	31.49 -0.10 0.00	29.65 -0.05 0.00	27.77 -0.01 0.00	30.70 0.00 0.00	27.95 -0.01 0.00	32.05 -0.12 0.00	33.63 -0.06 0.00	28.26 -0.20 0.00	23.29 -0.25 0.00	16.49 -0.16 0.00	10.10 -0.19 0.00	16.61 -0.35 0.00	21.54 -0.40 0.00	30.22 -0.31 0.00	140.74 0.17 0.00	229.53 0.74 0.00	85.99 0.00 0.00	46.44 -0.17 0.00	47.40 -0.36 0.00	36.99 -0.25 0.00
LACHUTE____HYDRO 323717	40.84 2.28 0.00	38.29 2.08 0.00	35.59 1.85 0.00	33.43 1.83 0.00	31.44 1.74 0.00	29.70 1.91 0.00	33.09 2.39 0.00	29.98 2.03 0.00	34.47 2.30 0.00	35.74 2.05 0.00	29.67 1.21 0.00	24.66 1.12 0.00	17.44 0.79 0.00	10.62 0.33 0.00	17.51 0.55 0.00	23.09 1.15 0.00	32.64 2.11 0.00	151.92 11.35 0.00	246.56 17.76 0.00	93.04 7.05 0.00	50.31 3.70 0.00	51.26 3.50 0.00	39.32 2.08 0.00
LAWRNCV_115KV_TB1 80681	38.73 0.17 0.00	36.42 0.21 0.00	33.79 0.06 0.00	31.56 -0.03 0.00	29.72 0.02 0.00	27.90 0.12 0.00	30.92 0.21 0.00	28.14 0.19 0.00	32.29 0.12 0.00	33.64 -0.05 0.00	28.22 -0.24 0.00	23.24 -0.29 0.00	16.45 -0.19 0.00	10.16 -0.13 0.00	16.72 -0.24 0.00	21.64 -0.31 0.00	30.15 -0.37 0.00	141.03 0.46 0.00	230.26 1.46 0.00	86.23 0.24 0.00	46.51 -0.11 0.00	47.49 -0.27 0.00	37.15 -0.10 0.00
LEDERLE____ 23769	40.78 2.22 0.00	38.16 1.95 0.00	35.62 1.89 0.00	33.37 1.77 0.00	31.43 1.73 0.00	29.32 1.54 0.00	32.29 1.59 0.00	29.39 1.44 0.00	33.89 1.72 0.00	35.69 2.00 0.00	30.26 1.79 0.00	25.08 1.55 0.00	17.73 1.08 0.00	11.03 0.74 0.00	18.26 1.30 0.00	23.69 1.74 0.00	32.65 2.12 0.00	147.71 7.14 0.00	240.00 11.20 0.00	90.26 4.26 0.00	48.96 2.35 0.00	50.12 2.36 0.00	39.01 1.77 0.00
LIGHTHSE_115KV_TB6 355974	36.85 -1.71 0.00	34.50 -1.70 0.00	32.15 -1.59 0.00	30.12 -1.48 0.00	28.25 -1.45 0.00	26.54 -1.24 0.00	29.43 -1.28 0.00	26.73 -1.22 0.00	30.90 -1.27 0.00	32.45 -1.24 0.00	27.21 -1.26 0.00	22.34 -1.20 0.00	15.69 -0.96 0.00	9.71 -0.58 0.00	16.09 -0.87 0.00	20.88 -1.07 0.00	29.03 -1.50 0.00	138.68 -1.89 0.00	226.46 -2.34 0.00	84.69 -1.31 0.00	45.24 -1.38 0.00	45.98 -1.78 0.00	35.81 -1.43 0.00
LINDEN COGEN____ 23786	40.99 2.43 0.00	38.34 2.13 0.00	35.76 2.03 0.00	33.49 1.90 0.00	31.57 1.87 0.00	29.45 1.67 0.00	32.42 1.72 0.00	29.54 1.59 0.00	34.08 1.91 0.00	35.90 2.21 0.00	30.47 2.01 0.00	25.25 1.72 0.00	17.85 1.21 0.00	11.10 0.82 0.00	18.42 1.46 0.00	23.88 1.93 0.00	32.86 2.33 0.00	148.03 7.46 0.00	240.33 11.53 0.00	90.46 4.46 0.00	49.15 2.53 0.00	50.30 2.54 0.00	39.17 1.93 0.00
LINDHRST_69_KV_BK1 356055	41.47 2.92 0.00	38.75 2.55 0.00	36.12 2.38 0.00	33.82 2.23 0.00	31.90 2.20 0.00	29.73 1.95 0.00	32.55 1.85 0.00	29.71 1.76 0.00	34.47 2.29 0.00	36.54 2.85 0.00	30.98 2.52 0.00	25.63 2.10 0.00	18.07 1.43 0.00	11.17 0.89 0.00	18.66 1.70 0.00	24.29 2.34 0.00	33.55 3.02 0.00	150.08 9.51 0.00	243.09 14.30 0.00	91.89 5.89 0.00	49.94 3.33 0.00	51.15 3.40 0.00	39.89 2.65 0.00
LIPA_MISC_IPP 23656	41.21 2.65 0.00	38.48 2.27 0.00	35.88 2.15 0.00	33.62 2.02 0.00	31.73 2.03 0.00	29.50 1.72 0.00	32.13 1.43 0.00	29.39 1.44 0.00	34.20 2.03 0.00	36.37 2.68 0.00	30.83 2.37 0.00	25.50 1.97 0.00	17.98 1.33 0.00	11.07 0.78 0.00	18.53 1.57 0.00	24.18 2.23 0.00	33.44 2.91 0.00	149.17 8.60 0.00	241.67 12.87 0.00	91.04 5.05 0.00	49.59 2.97 0.00	50.84 3.08 0.00	39.86 2.62 0.00
LISF__SOLAR 323691	41.28 2.72 0.00	38.55 2.34 0.00	35.94 2.20 0.00	33.65 2.06 0.00	31.78 2.08 0.00	29.56 1.77 0.00	32.18 1.47 0.00	29.44 1.49 0.00	34.26 2.09 0.00	36.44 2.75 0.00	30.88 2.42 0.00	25.54 2.00 0.00	18.01 1.36 0.00	11.08 0.79 0.00	18.57 1.61 0.00	24.22 2.27 0.00	33.48 2.95 0.00	149.41 8.84 0.00	242.13 13.33 0.00	91.21 5.21 0.00	49.68 3.07 0.00	50.93 3.17 0.00	39.92 2.68 0.00
LITTLE FALLS__HYD	39.67	37.16	34.64	32.50	30.41	28.36	31.37	28.60	32.81	34.45	29.01	23.77	16.78	10.30	17.02	22.09	31.27	145.47	235.88	88.69	48.04	48.94	37.79

24013	1.11 0.00	0.95 0.00	0.91 0.00	0.90 0.00	0.71 0.00	0.57 0.00	0.67 0.00	0.65 0.00	0.64 0.00	0.76 0.00	0.55 0.00	0.23 0.00	0.14 0.00	0.02 0.00	0.05 0.00	0.14 0.00	0.75 0.00	4.90 0.00	7.08 0.00	2.70 0.00	1.42 0.00	1.18 0.00	0.55 0.00
LITTLRIV_115KV_TB1 356100	39.15 0.59 0.00	36.83 0.62 0.00	34.14 0.41 0.00	31.90 0.31 0.00	30.02 0.32 0.00	28.22 0.43 0.00	31.28 0.57 0.00	28.45 0.50 0.00	32.61 0.43 0.00	33.88 0.19 0.00	28.36 -0.11 0.00	23.33 -0.21 0.00	16.55 -0.10 0.00	10.23 -0.06 0.00	16.83 -0.13 0.00	21.73 -0.22 0.00	30.28 -0.25 0.00	142.64 2.07 0.00	233.39 4.59 0.00	87.36 1.37 0.00	47.09 0.48 0.00	48.04 0.29 0.00	37.53 0.29 0.00
LI_NEWBRDGE___DRP 323616	40.91 2.35 0.00	38.25 2.04 0.00	35.65 1.92 0.00	33.39 1.80 0.00	31.49 1.79 0.00	29.35 1.57 0.00	32.17 1.47 0.00	29.34 1.39 0.00	33.98 1.81 0.00	35.97 2.28 0.00	30.50 2.04 0.00	25.26 1.73 0.00	17.83 1.18 0.00	11.04 0.75 0.00	18.40 1.44 0.00	23.91 1.96 0.00	33.00 2.48 0.00	147.63 7.06 0.00	239.12 10.32 0.00	90.47 4.48 0.00	49.15 2.53 0.00	50.33 2.57 0.00	39.26 2.01 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.49 -3.90 0.17	31.36 -3.57 1.27	27.09 -3.21 3.43	24.66 -2.96 3.98	26.28 -2.88 0.54	25.08 -2.70 0.00	26.39 -3.12 1.19	25.25 -2.70 0.00	25.78 -3.18 3.21	20.44 -3.77 9.48	16.43 -3.28 8.75	11.72 -2.98 8.83	7.98 -2.21 6.45	5.19 -1.33 3.77	7.74 -2.31 6.91	7.59 -2.82 11.53	13.75 -4.05 12.73	109.26 -16.77 14.54	190.27 -26.10 12.42	53.97 -10.98 21.04	19.77 -6.02 20.82	27.76 -5.48 14.52	30.07 -4.25 2.92
LOCKPORT___CC1 323769	34.45 -3.93 0.18	31.23 -3.60 1.37	26.80 -3.24 3.70	24.34 -2.97 4.29	26.22 -2.89 0.58	25.06 -2.73 0.00	26.33 -3.09 1.29	25.25 -2.70 0.00	25.53 -3.18 3.45	19.73 -3.74 10.21	15.78 -3.26 9.43	11.12 -2.90 9.51	7.51 -2.19 6.95	4.90 -1.32 4.06	7.29 -2.32 7.36	7.15 -2.77 12.02	13.22 -3.94 13.37	108.32 -16.59 15.66	189.66 -25.76 13.38	53.05 -10.92 22.03	18.67 -6.07 21.87	27.05 -5.48 15.23	29.78 -4.29 3.17
LOCKPORT___CC2 323770	34.45 -3.93 0.18	31.23 -3.60 1.37	26.80 -3.24 3.70	24.34 -2.97 4.29	26.22 -2.89 0.58	25.06 -2.73 0.00	26.33 -3.09 1.29	25.25 -2.70 0.00	25.53 -3.18 3.45	19.73 -3.74 10.21	15.78 -3.26 9.43	11.12 -2.90 9.51	7.51 -2.19 6.95	4.90 -1.32 4.06	7.29 -2.32 7.36	7.15 -2.77 12.02	13.22 -3.94 13.37	108.32 -16.59 15.66	189.66 -25.76 13.38	53.05 -10.92 22.03	18.67 -6.07 21.87	27.05 -5.48 15.23	29.78 -4.29 3.17
LOCKPORT___CC3 323771	34.45 -3.93 0.18	31.23 -3.60 1.37	26.80 -3.24 3.70	24.34 -2.97 4.29	26.22 -2.89 0.58	25.06 -2.73 0.00	26.33 -3.09 1.29	25.25 -2.70 0.00	25.53 -3.18 3.45	19.73 -3.74 10.21	15.78 -3.26 9.43	11.12 -2.90 9.51	7.51 -2.19 6.95	4.90 -1.32 4.06	7.29 -2.32 7.36	7.15 -2.77 12.02	13.22 -3.94 13.37	108.32 -16.59 15.66	189.66 -25.76 13.38	53.05 -10.92 22.03	18.67 -6.07 21.87	27.05 -5.48 15.23	29.78 -4.29 3.17
LOCUSVLY_69_KV_BK2 55797	41.29 2.73 0.00	38.61 2.41 0.00	36.00 2.26 0.00	33.71 2.12 0.00	31.78 2.08 0.00	29.64 1.86 0.00	32.52 1.82 0.00	29.66 1.71 0.00	34.34 2.17 0.00	36.29 2.60 0.00	30.77 2.30 0.00	25.48 1.95 0.00	17.98 1.33 0.00	11.15 0.86 0.00	18.56 1.61 0.00	24.10 2.15 0.00	33.25 2.72 0.00	148.98 8.41 0.00	241.32 12.52 0.00	91.25 5.26 0.00	49.63 3.01 0.00	50.79 3.03 0.00	39.59 2.35 0.00
LONG_LAKE_PHOENIX 24014	36.91 -1.65 0.00	34.62 -1.58 0.00	32.30 -1.44 0.00	30.25 -1.34 0.00	28.45 -1.25 0.00	26.64 -1.15 0.00	29.47 -1.23 0.00	26.84 -1.11 0.00	30.90 -1.27 0.00	32.34 -1.35 0.00	27.34 -1.12 0.00	22.57 -0.97 0.00	15.93 -0.72 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.25 -1.28 0.00	135.62 -4.95 0.00	221.14 -7.65 0.00	83.08 -2.91 0.00	45.00 -1.61 0.00	46.16 -1.60 0.00	36.00 -1.24 0.00
LOVETT___3 23632	40.59 2.03 0.00	37.98 1.78 0.00	35.46 1.73 0.00	33.21 1.61 0.00	31.30 1.60 0.00	29.18 1.40 0.00	32.14 1.44 0.00	29.25 1.30 0.00	33.74 1.57 0.00	35.53 1.84 0.00	30.14 1.67 0.00	24.98 1.44 0.00	17.66 1.01 0.00	10.98 0.69 0.00	18.18 1.22 0.00	23.58 1.63 0.00	32.49 1.97 0.00	146.93 6.36 0.00	238.63 9.83 0.00	89.76 3.76 0.00	48.73 2.11 0.00	49.88 2.12 0.00	38.83 1.59 0.00
LOVETT___4 23642	40.59 2.03 0.00	37.98 1.78 0.00	35.46 1.73 0.00	33.21 1.61 0.00	31.30 1.60 0.00	29.18 1.40 0.00	32.14 1.44 0.00	29.25 1.30 0.00	33.74 1.57 0.00	35.53 1.84 0.00	30.14 1.67 0.00	24.98 1.44 0.00	17.66 1.01 0.00	10.98 0.69 0.00	18.18 1.22 0.00	23.58 1.63 0.00	32.49 1.97 0.00	146.93 6.36 0.00	238.63 9.83 0.00	89.76 3.76 0.00	48.73 2.11 0.00	49.88 2.12 0.00	38.83 1.59 0.00
LOVETT___5 23593	40.59 2.03 0.00	37.98 1.78 0.00	35.46 1.73 0.00	33.21 1.61 0.00	31.30 1.60 0.00	29.18 1.40 0.00	32.14 1.44 0.00	29.25 1.30 0.00	33.74 1.57 0.00	35.53 1.84 0.00	30.14 1.67 0.00	24.98 1.44 0.00	17.66 1.01 0.00	10.98 0.69 0.00	18.18 1.22 0.00	23.58 1.63 0.00	32.49 1.97 0.00	146.93 6.36 0.00	238.63 9.83 0.00	89.76 3.76 0.00	48.73 2.11 0.00	49.88 2.12 0.00	38.83 1.59 0.00
LOWER RAQUET___HYD 24057	38.67 0.11 0.00	36.37 0.16 0.00	33.73 -0.01 0.00	31.51 -0.09 0.00	29.66 -0.04 0.00	27.86 0.07 0.00	30.88 0.17 0.00	28.10 0.15 0.00	32.25 0.08 0.00	33.59 -0.11 0.00	28.16 -0.31 0.00	23.18 -0.35 0.00	16.41 -0.24 0.00	10.13 -0.16 0.00	16.68 -0.28 0.00	21.59 -0.36 0.00	30.07 -0.46 0.00	140.91 0.34 0.00	230.23 1.44 0.00	86.18 0.19 0.00	46.45 -0.17 0.00	47.40 -0.36 0.00	37.07 -0.18 0.00
LOWER___HUDSON 24059	39.87 1.31 0.00	37.39 1.18 0.00	34.85 1.12 0.00	32.66 1.06 0.00	30.69 0.98 0.00	28.70 0.92 0.00	31.71 1.01 0.00	28.84 0.89 0.00	33.22 1.05 0.00	34.89 1.20 0.00	29.42 0.96 0.00	24.38 0.84 0.00	17.29 0.64 0.00	10.64 0.35 0.00	17.56 0.60 0.00	22.73 0.79 0.00	31.64 1.11 0.00	145.02 4.44 0.00	235.13 6.33 0.00	88.78 2.79 0.00	48.22 1.61 0.00	49.32 1.56 0.00	38.36 1.11 0.00
LOWVILLE_115KV_TB2 356335	37.34 -1.22 0.00	35.00 -1.20 0.00	32.59 -1.14 0.00	30.52 -1.08 0.00	28.60 -1.10 0.00	27.00 -0.79 0.00	29.98 -0.73 0.00	27.04 -0.91 0.00	31.41 -0.76 0.00	33.10 -0.60 0.00	27.52 -0.94 0.00	22.61 -0.93 0.00	15.83 -0.82 0.00	9.80 -0.49 0.00	16.45 -0.51 0.00	21.31 -0.63 0.00	29.50 -1.03 0.00	141.20 0.63 0.00	231.18 2.38 0.00	86.14 0.15 0.00	45.81 -0.81 0.00	46.13 -1.63 0.00	36.01 -1.23 0.00
LUTHERFT_115KV_GLOB_FND_222	40.16	37.69	35.14	32.92	30.92	28.96	32.02	29.13	33.52	35.12	29.55	24.43	17.29	10.62	17.53	22.76	31.86	146.88	238.43	89.78	48.69	49.77	38.67

355753	1.60 0.00	1.48 0.00	1.41 0.00	1.32 0.00	1.22 0.00	1.18 0.00	1.32 0.00	1.18 0.00	1.35 0.00	1.43 0.00	1.09 0.00	0.89 0.00	0.64 0.00	0.33 0.00	0.57 0.00	0.81 0.00	1.33 0.00	6.31 0.00	9.63 0.00	3.78 0.00	2.07 0.00	2.01 0.00	1.43 0.00
LUTHERNY_35_KV_BK2 355980	40.16 1.60 0.00	37.69 1.49 0.00	35.17 1.43 0.00	32.92 1.33 0.00	30.94 1.24 0.00	28.96 1.18 0.00	32.04 1.34 0.00	29.14 1.19 0.00	33.54 1.37 0.00	35.15 1.46 0.00	29.58 1.11 0.00	24.44 0.90 0.00	17.30 0.65 0.00	10.62 0.34 0.00	17.55 0.59 0.00	22.79 0.85 0.00	31.89 1.37 0.00	147.03 6.46 0.00	238.66 9.87 0.00	89.85 3.86 0.00	48.72 2.11 0.00	49.78 2.02 0.00	38.69 1.44 0.00
LWR__OSWEGATCHIE_HYD 23850	37.87 -0.69 0.00	35.54 -0.67 0.00	33.02 -0.72 0.00	30.89 -0.71 0.00	29.01 -0.69 0.00	27.29 -0.50 0.00	30.27 -0.43 0.00	27.45 -0.50 0.00	31.66 -0.52 0.00	33.09 -0.60 0.00	27.64 -0.83 0.00	22.70 -0.83 0.00	15.98 -0.67 0.00	9.88 -0.41 0.00	16.42 -0.54 0.00	21.27 -0.67 0.00	29.50 -1.03 0.00	140.20 -0.37 0.00	229.12 0.32 0.00	85.58 -0.42 0.00	45.78 -0.84 0.00	46.43 -1.33 0.00	36.24 -1.00 0.00
LYONS_FALL_HYD 23570	37.99 -0.57 0.00	35.64 -0.57 0.00	33.20 -0.54 0.00	31.10 -0.50 0.00	29.15 -0.55 0.00	27.43 -0.35 0.00	30.43 -0.27 0.00	27.55 -0.40 0.00	31.91 -0.26 0.00	33.54 -0.15 0.00	28.04 -0.42 0.00	23.10 -0.44 0.00	16.22 -0.43 0.00	10.02 -0.27 0.00	16.70 -0.27 0.00	21.63 -0.31 0.00	30.04 -0.49 0.00	142.17 1.60 0.00	232.34 3.55 0.00	86.74 0.75 0.00	46.46 -0.15 0.00	47.04 -0.72 0.00	36.68 -0.57 0.00
MADISON__COUNTY_LFGE 323628	38.80 0.24 0.00	36.44 0.23 0.00	33.98 0.24 0.00	31.86 0.27 0.00	29.88 0.17 0.00	28.02 0.24 0.00	31.04 0.34 0.00	28.26 0.31 0.00	32.61 0.43 0.00	34.15 0.45 0.00	28.78 0.31 0.00	23.77 0.23 0.00	16.72 0.07 0.00	10.26 -0.03 0.00	16.94 -0.02 0.00	21.91 -0.04 0.00	30.63 0.10 0.00	143.01 2.44 0.00	233.71 4.91 0.00	87.45 1.45 0.00	47.26 0.65 0.00	48.25 0.50 0.00	37.56 0.32 0.00
MALONE__115KV_TB1 356076	38.69 0.13 0.00	36.48 0.28 0.00	33.65 -0.08 0.00	31.40 -0.19 0.00	29.57 -0.13 0.00	27.73 -0.05 0.00	30.73 0.03 0.00	27.99 0.04 0.00	32.16 -0.01 0.00	33.59 -0.10 0.00	28.27 -0.20 0.00	23.28 -0.26 0.00	16.49 -0.15 0.00	10.13 -0.16 0.00	16.69 -0.27 0.00	21.63 -0.32 0.00	30.15 -0.37 0.00	140.80 0.23 0.00	229.81 1.01 0.00	86.10 0.10 0.00	46.50 -0.12 0.00	47.45 -0.31 0.00	37.08 -0.16 0.00
MAPLEWOD_115KV_TB3 80458	40.03 1.48 0.00	37.54 1.34 0.00	35.00 1.27 0.00	32.79 1.20 0.00	30.81 1.11 0.00	28.81 1.03 0.00	31.80 1.10 0.00	28.93 0.98 0.00	33.32 1.15 0.00	35.03 1.34 0.00	29.57 1.10 0.00	24.48 0.94 0.00	17.35 0.70 0.00	10.69 0.40 0.00	17.64 0.68 0.00	22.83 0.88 0.00	31.74 1.22 0.00	145.40 4.83 0.00	235.87 7.07 0.00	89.02 3.03 0.00	48.35 1.74 0.00	49.45 1.70 0.00	38.51 1.27 0.00
MAPLE_RIDGE_WT_1 323574	36.69 -1.87 0.00	34.44 -1.77 0.00	32.12 -1.62 0.00	30.10 -1.49 0.00	28.24 -1.47 0.00	26.37 -1.42 0.00	29.17 -1.53 0.00	26.55 -1.40 0.00	30.90 -1.27 0.00	32.62 -1.07 0.00	27.50 -0.96 0.00	22.68 -0.86 0.00	16.01 -0.63 0.00	9.93 -0.36 0.00	16.51 -0.45 0.00	21.33 -0.62 0.00	29.57 -0.96 0.00	136.81 -3.76 0.00	222.74 -6.06 0.00	83.31 -2.68 0.00	45.14 -1.47 0.00	46.11 -1.65 0.00	35.97 -1.28 0.00
MAPLE_RIDGE_WT_2 323611	36.69 -1.87 0.00	34.44 -1.77 0.00	32.12 -1.62 0.00	30.10 -1.49 0.00	28.24 -1.47 0.00	26.37 -1.42 0.00	29.17 -1.53 0.00	26.55 -1.40 0.00	30.90 -1.27 0.00	32.62 -1.07 0.00	27.50 -0.96 0.00	22.68 -0.86 0.00	16.01 -0.63 0.00	9.93 -0.36 0.00	16.51 -0.45 0.00	21.33 -0.62 0.00	29.57 -0.96 0.00	136.81 -3.76 0.00	222.74 -6.06 0.00	83.31 -2.68 0.00	45.14 -1.47 0.00	46.11 -1.65 0.00	35.97 -1.28 0.00
MARBLE_RIVER_WT_PWR 323696	38.22 -0.34 0.00	36.08 -0.12 0.00	33.27 -0.46 0.00	31.03 -0.56 0.00	29.22 -0.48 0.00	27.37 -0.42 0.00	30.27 -0.44 0.00	27.54 -0.41 0.00	31.63 -0.54 0.00	33.16 -0.53 0.00	27.93 -0.53 0.00	23.01 -0.52 0.00	16.33 -0.32 0.00	10.02 -0.27 0.00	16.48 -0.48 0.00	21.35 -0.60 0.00	29.84 -0.69 0.00	138.57 -2.00 0.00	225.90 -2.90 0.00	84.60 -1.40 0.00	45.72 -0.89 0.00	46.72 -1.04 0.00	36.52 -0.72 0.00
MARSHVLE_115KV_TB1 80742	39.42 0.86 0.00	37.04 0.84 0.00	34.52 0.78 0.00	32.26 0.67 0.00	30.34 0.64 0.00	28.36 0.57 0.00	31.37 0.67 0.00	28.52 0.57 0.00	32.89 0.72 0.00	34.28 0.59 0.00	28.78 0.31 0.00	23.59 0.05 0.00	16.55 -0.10 0.00	10.17 -0.11 0.00	16.79 -0.18 0.00	21.78 -0.17 0.00	30.60 0.07 0.00	144.04 3.46 0.00	236.30 7.50 0.00	88.63 2.64 0.00	47.74 1.13 0.00	48.71 0.95 0.00	37.99 0.74 0.00
MARSH_HILL_WT_PWR 323713	35.13 -4.09 -0.66	37.30 -3.95 -5.05	43.86 -3.47 -13.59	44.12 -3.24 -15.76	28.65 -3.19 -2.15	25.00 -2.79 0.00	32.59 -2.87 -4.75	25.08 -2.87 0.00	41.63 -3.32 -12.77	67.66 -3.85 -37.81	60.29 -3.08 -34.90	56.34 -2.40 -35.22	40.32 -1.91 -25.59	24.09 -1.24 -15.03	32.89 -2.32 -18.25	44.90 -2.96 -25.91	64.42 -3.66 -37.55	185.13 -13.00 -57.56	259.29 -18.68 -49.17	99.09 -8.42 -21.51	26.62 -5.11 14.88	57.36 -5.31 -14.91	34.23 -4.15 -1.14
MCINTYRE_115KV_TB2 80467	39.56 1.00 0.00	37.22 1.02 0.00	34.51 0.78 0.00	32.23 0.64 0.00	30.34 0.64 0.00	28.52 0.73 0.00	31.61 0.91 0.00	28.75 0.80 0.00	32.90 0.72 0.00	34.12 0.43 0.00	28.53 0.06 0.00	23.46 -0.07 0.00	16.67 0.02 0.00	10.31 0.03 0.00	16.96 0.00 0.00	21.85 -0.10 0.00	30.48 -0.04 0.00	143.76 3.19 0.00	235.52 6.72 0.00	88.14 2.14 0.00	47.53 0.92 0.00	48.54 0.78 0.00	37.92 0.68 0.00
MECO____69_KV_BK1 80468	40.27 1.71 0.00	37.79 1.59 0.00	35.22 1.49 0.00	32.95 1.36 0.00	30.96 1.26 0.00	28.98 1.20 0.00	32.06 1.36 0.00	29.17 1.21 0.00	33.51 1.34 0.00	34.77 1.08 0.00	29.00 0.53 0.00	23.74 0.21 0.00	16.60 -0.04 0.00	10.20 -0.09 0.00	16.86 -0.10 0.00	21.92 -0.02 0.00	31.07 0.54 0.00	147.08 6.51 0.00	241.21 12.41 0.00	90.63 4.63 0.00	48.93 2.31 0.00	49.90 2.15 0.00	38.84 1.60 0.00
MENANDS_115KV_TB5 355628	40.00 1.44 0.00	37.51 1.30 0.00	34.97 1.24 0.00	32.77 1.17 0.00	30.80 1.10 0.00	28.78 1.00 0.00	31.76 1.06 0.00	28.89 0.94 0.00	33.27 1.10 0.00	35.00 1.31 0.00	29.56 1.10 0.00	24.49 0.95 0.00	17.36 0.71 0.00	10.71 0.42 0.00	17.67 0.71 0.00	22.85 0.91 0.00	31.73 1.21 0.00	145.03 4.46 0.00	235.19 6.39 0.00	88.79 2.80 0.00	48.25 1.63 0.00	49.36 1.60 0.00	38.45 1.21 0.00
MG_INDUSTRY__DRP	39.88	37.43	34.91	32.70	30.72	28.71	31.70	28.84	33.19	34.85	29.43	24.31	17.24	10.63	17.51	22.63	31.56	144.92	235.16	88.61	48.10	49.23	38.35

24185	1.32 0.00	1.23 0.00	1.18 0.00	1.10 0.00	1.02 0.00	0.93 0.00	0.99 0.00	0.89 0.00	1.02 0.00	1.16 0.00	0.96 0.00	0.78 0.00	0.60 0.00	0.34 0.00	0.55 0.00	0.69 0.00	1.04 0.00	4.35 0.00	6.36 0.00	2.61 0.00	1.48 0.00	1.47 0.00	1.11 0.00
MID__OSWEGATCHIE_HYD 23849	37.87 -0.69 0.00	35.54 -0.67 0.00	33.02 -0.72 0.00	30.89 -0.71 0.00	29.01 -0.69 0.00	27.29 -0.50 0.00	30.27 -0.43 0.00	27.45 -0.50 0.00	31.66 -0.52 0.00	33.09 -0.60 0.00	27.64 -0.83 0.00	22.70 -0.83 0.00	15.98 -0.67 0.00	9.88 -0.41 0.00	16.42 -0.54 0.00	21.27 -0.67 0.00	29.50 -1.03 0.00	140.20 -0.37 0.00	229.12 0.32 0.00	85.58 -0.42 0.00	45.78 -0.84 0.00	46.43 -1.33 0.00	36.24 -1.00 0.00
MID__RAQUETTE_HYD 23851	38.67 0.11 0.00	36.37 0.16 0.00	33.73 -0.01 0.00	31.51 -0.09 0.00	29.66 -0.04 0.00	27.86 0.07 0.00	30.87 0.17 0.00	28.10 0.15 0.00	32.25 0.08 0.00	33.59 -0.11 0.00	28.16 -0.31 0.00	23.19 -0.35 0.00	16.41 -0.24 0.00	10.13 -0.16 0.00	16.68 -0.28 0.00	21.59 -0.35 0.00	30.07 -0.45 0.00	140.92 0.35 0.00	230.23 1.43 0.00	86.19 0.19 0.00	46.44 -0.17 0.00	47.40 -0.36 0.00	37.07 -0.18 0.00
MILLIKEN__1 23584	38.33 -0.27 -0.05	36.30 -0.26 -0.35	34.49 -0.19 -0.95	32.58 -0.12 -1.10	29.70 -0.15 -0.15	27.69 -0.09 0.00	31.14 0.09 -0.34	28.07 0.12 0.00	33.22 0.12 -0.93	36.41 -0.03 -2.74	31.00 0.00 -2.53	25.85 -0.23 -2.55	18.21 -0.28 -1.85	11.18 -0.20 -1.09	17.25 -0.38 -0.67	22.77 -0.45 -1.28	32.74 -0.40 -2.62	144.55 -0.04 -4.03	233.37 1.14 -3.44	89.53 -0.09 -3.63	39.04 -0.10 7.47	48.36 -0.11 -0.72	36.57 -0.11 0.56
MILLIKEN__2 23585	38.33 -0.27 -0.05	36.30 -0.26 -0.35	34.49 -0.19 -0.95	32.58 -0.12 -1.10	29.70 -0.15 -0.15	27.69 -0.09 0.00	31.14 0.09 -0.34	28.07 0.12 0.00	33.22 0.12 -0.93	36.41 -0.03 -2.74	31.00 0.00 -2.53	25.85 -0.23 -2.55	18.21 -0.28 -1.85	11.18 -0.20 -1.09	17.25 -0.38 -0.67	22.77 -0.45 -1.28	32.74 -0.40 -2.62	144.55 -0.04 -4.03	233.37 1.14 -3.44	89.53 -0.09 -3.63	39.04 -0.10 7.47	48.36 -0.11 -0.72	36.57 -0.11 0.56
MILLIKEN__DIESEL 23629	38.33 -0.27 -0.05	36.30 -0.26 -0.35	34.49 -0.19 -0.95	32.58 -0.12 -1.10	29.70 -0.15 -0.15	27.69 -0.09 0.00	31.14 0.09 -0.34	28.07 0.12 0.00	33.22 0.12 -0.93	36.41 -0.03 -2.74	31.00 0.00 -2.53	25.85 -0.23 -2.55	18.21 -0.28 -1.85	11.18 -0.20 -1.09	17.25 -0.38 -0.67	22.77 -0.45 -1.28	32.74 -0.40 -2.62	144.55 -0.04 -4.03	233.37 1.14 -3.44	89.53 -0.09 -3.63	39.04 -0.10 7.47	48.36 -0.11 -0.72	36.57 -0.11 0.56
MILLSEAT__LFG 323607	35.38 -3.05 0.14	32.36 -2.80 1.05	28.40 -2.50 2.83	26.02 -2.29 3.28	27.02 -2.24 0.45	25.69 -2.09 0.00	27.39 -2.33 0.98	25.93 -2.02 0.00	27.14 -2.39 2.64	22.95 -2.94 7.80	18.60 -2.66 7.20	13.83 -2.44 7.26	9.46 -1.88 5.31	6.00 -1.18 3.10	8.99 -2.09 5.89	5.66 -2.47 13.81	12.26 -3.37 14.90	115.87 -12.73 11.98	199.97 -18.59 10.23	59.50 -8.05 18.44	22.80 -4.53 19.29	30.99 -4.03 12.74	31.27 -3.26 2.71
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.74 2.18 0.00	38.12 1.92 0.00	35.58 1.85 0.00	33.31 1.72 0.00	31.39 1.69 0.00	29.29 1.50 0.00	32.26 1.55 0.00	29.36 1.42 0.00	33.88 1.71 0.00	35.68 1.99 0.00	30.27 1.80 0.00	25.08 1.55 0.00	17.73 1.09 0.00	11.02 0.73 0.00	18.26 1.30 0.00	23.67 1.72 0.00	32.63 2.11 0.00	147.42 6.85 0.00	239.35 10.55 0.00	90.13 4.13 0.00	48.93 2.31 0.00	50.07 2.31 0.00	38.98 1.74 0.00
MILLWOOD_13_KV_LOAD 356217	40.81 2.25 0.00	38.19 1.99 0.00	35.64 1.91 0.00	33.37 1.78 0.00	31.45 1.75 0.00	29.34 1.55 0.00	32.32 1.62 0.00	29.42 1.47 0.00	33.95 1.78 0.00	35.75 2.06 0.00	30.30 1.84 0.00	25.12 1.59 0.00	17.76 1.11 0.00	11.03 0.75 0.00	18.29 1.33 0.00	23.71 1.76 0.00	32.70 2.17 0.00	147.80 7.22 0.00	240.00 11.20 0.00	90.32 4.32 0.00	49.02 2.41 0.00	50.17 2.41 0.00	39.05 1.81 0.00
MODEL_CITY_ENERGY 24167	34.16 -4.23 0.18	31.00 -3.86 1.35	26.63 -3.47 3.64	24.20 -3.18 4.22	26.01 -3.12 0.57	24.83 -2.96 0.00	26.00 -3.43 1.26	24.94 -3.01 0.00	25.30 -3.47 3.40	19.70 -3.95 10.04	15.78 -3.41 9.27	11.15 -3.03 9.36	7.52 -2.30 6.84	4.90 -1.39 4.00	7.27 -2.42 7.28	7.32 -2.88 11.75	13.32 -4.17 13.04	106.92 -18.24 15.41	187.07 -28.57 13.16	52.03 -11.93 22.03	18.11 -6.54 21.96	26.82 -5.78 15.16	29.41 -4.65 3.18
MODERN_LFG__ 323580	34.16 -4.23 0.18	31.00 -3.86 1.35	26.63 -3.47 3.64	24.20 -3.18 4.22	26.01 -3.12 0.57	24.83 -2.96 0.00	26.00 -3.43 1.26	24.94 -3.01 0.00	25.30 -3.47 3.40	19.70 -3.95 10.04	15.78 -3.41 9.27	11.15 -3.03 9.36	7.52 -2.30 6.84	4.90 -1.39 4.00	7.27 -2.42 7.28	7.32 -2.88 11.75	13.32 -4.17 13.04	106.92 -18.24 15.41	187.07 -28.57 13.16	52.03 -11.93 22.03	18.11 -6.54 21.96	26.82 -5.78 15.16	29.41 -4.65 3.18
MOHAWK_PAPER__DRP 24187	40.03 1.48 0.00	37.54 1.34 0.00	35.00 1.27 0.00	32.79 1.20 0.00	30.81 1.11 0.00	28.81 1.03 0.00	31.80 1.10 0.00	28.93 0.98 0.00	33.32 1.15 0.00	35.03 1.34 0.00	29.57 1.10 0.00	24.48 0.94 0.00	17.35 0.70 0.00	10.69 0.40 0.00	17.64 0.68 0.00	22.83 0.88 0.00	31.74 1.22 0.00	145.40 4.83 0.00	235.87 7.07 0.00	89.02 3.03 0.00	48.35 1.74 0.00	49.45 1.70 0.00	38.51 1.27 0.00
MOHICAN__35_KV_115KV_LD 80490	40.21 1.65 0.00	37.71 1.50 0.00	35.14 1.41 0.00	32.94 1.35 0.00	30.96 1.26 0.00	29.06 1.27 0.00	32.17 1.46 0.00	29.24 1.29 0.00	33.66 1.49 0.00	35.19 1.50 0.00	29.51 1.04 0.00	24.39 0.86 0.00	17.26 0.62 0.00	10.56 0.27 0.00	17.42 0.46 0.00	22.72 0.77 0.00	31.95 1.42 0.00	147.79 7.22 0.00	239.77 10.97 0.00	90.37 4.38 0.00	48.95 2.34 0.00	49.96 2.20 0.00	38.73 1.48 0.00
MONGAUP__HYD 23641	40.58 2.02 0.00	37.99 1.79 0.00	35.45 1.71 0.00	33.19 1.59 0.00	31.26 1.56 0.00	29.19 1.40 0.00	32.20 1.49 0.00	29.29 1.34 0.00	33.64 1.47 0.00	35.25 1.56 0.00	29.69 1.23 0.00	24.56 1.03 0.00	17.43 0.79 0.00	10.81 0.53 0.00	17.90 0.93 0.00	23.27 1.32 0.00	32.22 1.70 0.00	146.69 6.12 0.00	238.48 9.69 0.00	89.92 3.92 0.00	48.76 2.15 0.00	49.85 2.10 0.00	38.79 1.55 0.00
MONTAUK__DIESEL 23721	40.50 1.94 0.00	37.79 1.59 0.00	35.23 1.50 0.00	32.99 1.40 0.00	31.16 1.46 0.00	28.97 1.19 0.00	31.51 0.81 0.00	28.88 0.93 0.00	33.66 1.49 0.00	35.86 2.17 0.00	30.35 1.88 0.00	25.08 1.54 0.00	17.66 1.01 0.00	10.84 0.55 0.00	18.17 1.21 0.00	23.73 1.78 0.00	32.91 2.38 0.00	146.90 6.33 0.00	238.08 9.28 0.00	89.88 3.88 0.00	49.64 3.03 0.00	51.37 3.61 0.00	40.44 3.19 0.00
MOONROAD_115KV_HARTFLD_TB1-2	34.60	30.99	27.28	24.88	26.61	25.55	27.30	26.37	26.59	20.97	16.37	11.67	8.07	5.30	7.22	7.92	15.07	112.43	196.90	51.85	15.85	25.40	29.55

355988	-3.79 0.17	-3.90 1.31	-2.91 3.54	-2.61 4.10	-2.54 0.56	-2.23 0.00	-2.17 1.23	-1.59 0.00	-2.28 3.30	-2.94 9.78	-3.07 9.03	-2.76 9.11	-1.92 6.66	-1.09 3.89	-2.32 7.42	-2.85 11.18	-3.34 12.11	-13.17 14.98	-19.11 12.79	-9.82 24.33	-6.03 24.74	-5.76 16.60	-4.27 3.42
MORRIS_RIDGE___SOLAR 323848	33.88 -3.68 0.99	25.10 -3.54 7.57	10.16 -3.17 20.41	5.07 -2.86 23.66	23.66 -2.82 3.22	25.29 -2.49 0.00	20.88 -2.70 7.12	25.41 -2.54 0.00	10.04 -3.00 19.13	-26.37 -3.43 56.62	-26.68 -2.88 52.26	-31.63 -2.43 52.74	-23.63 -1.86 38.42	-13.39 -1.16 22.51	-20.18 -2.05 35.09	-29.45 -2.57 48.83	-32.94 -3.37 60.09	40.72 -13.46 86.40	134.95 -20.04 73.81	-3.23 -8.44 80.78	-18.63 -4.90 60.34	-14.88 -4.96 57.68	23.22 -3.95 10.07
MORTIMER_115KV_TB3 55949	36.48 -2.08 0.00	34.26 -1.94 0.00	31.94 -1.80 0.00	29.94 -1.66 0.00	28.13 -1.57 0.00	26.35 -1.43 0.00	29.20 -1.50 0.00	26.67 -1.28 0.00	30.63 -1.54 0.00	31.78 -1.91 0.00	26.78 -1.68 0.00	22.01 -1.53 0.00	15.48 -1.15 0.01	9.57 0.00 1.04	14.65 -1.27 1.04	19.98 -1.52 0.45	29.01 -1.94 -0.43	133.55 -7.02 0.00	218.42 -10.38 0.00	74.65 -4.64 6.70	33.19 -2.67 10.76	40.54 -2.55 4.66	34.15 -1.94 1.16
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.07 2.51 0.00	38.43 2.22 0.00	35.85 2.11 0.00	33.55 1.96 0.00	31.63 1.93 0.00	29.52 1.74 0.00	32.51 1.81 0.00	29.61 1.66 0.00	34.16 1.99 0.00	35.99 2.30 0.00	30.54 2.07 0.00	25.32 1.78 0.00	17.90 1.26 0.00	11.13 0.84 0.00	18.44 1.48 0.00	23.91 1.97 0.00	32.94 2.41 0.00	148.53 7.96 0.00	241.06 12.26 0.00	90.77 4.77 0.00	49.31 2.70 0.00	50.46 2.71 0.00	39.29 2.04 0.00
MUNSVILLE_WIND_PWR 323609	38.42 -0.17 -0.03	36.21 -0.22 -0.23	34.30 -0.05 -0.61	32.38 0.07 -0.71	30.12 0.32 -0.10	28.31 0.53 0.00	31.94 1.02 -0.22	29.24 1.29 0.00	34.04 1.29 -0.59	36.90 1.47 -1.74	31.39 1.33 -1.60	25.84 0.69 -1.62	18.15 0.32 -1.18	11.06 0.08 -0.69	18.35 0.09 -1.30	23.59 -0.04 -1.69	32.84 0.47 -1.84	150.06 6.88 -2.60	243.94 12.91 -2.23	94.98 2.75 -6.23	52.39 1.22 -4.57	52.48 0.96 -3.76	38.60 0.72 -0.64
N SALMON___HYD 24042	38.69 0.13 0.00	36.48 0.28 0.00	33.65 -0.08 0.00	31.40 -0.19 0.00	29.57 -0.13 0.00	27.73 -0.05 0.00	30.73 0.03 0.00	27.99 0.05 0.00	32.16 -0.01 0.00	33.59 -0.10 0.00	28.26 -0.20 0.00	23.28 -0.26 0.00	16.49 -0.16 0.00	10.13 -0.16 0.00	16.69 -0.27 0.00	21.63 -0.32 0.00	30.15 -0.37 0.00	140.80 0.22 0.00	229.81 1.01 0.00	86.10 0.10 0.00	46.50 -0.11 0.00	47.45 -0.31 0.00	37.09 -0.15 0.00
N.AKRON___115KV_KNAPP 355671	35.13 -3.28 0.15	32.05 -3.02 1.14	27.96 -2.71 3.07	25.55 -2.48 3.56	26.80 -2.42 0.48	25.53 -2.26 0.00	27.07 -2.57 1.07	25.74 -2.21 0.00	26.68 -2.63 2.86	22.02 -3.21 8.46	17.80 -2.85 7.81	13.03 -2.62 7.88	8.91 -1.98 5.76	5.70 -1.22 3.37	8.53 -2.14 6.29	6.68 -2.59 12.68	13.11 -3.62 13.80	113.62 -13.96 12.99	196.62 -21.08 11.10	57.52 -9.01 19.47	21.93 -4.99 19.69	29.79 -4.53 13.44	30.97 -3.54 2.73
N.E._GEN_SANDY PD 24062	40.14 1.58 0.00	37.61 1.41 0.00	35.08 1.35 0.00	32.85 1.25 0.00	30.91 1.21 0.00	28.85 1.10 0.03	31.90 1.21 0.00	28.99 1.04 0.00	33.42 1.25 0.00	35.15 1.46 0.00	29.70 1.23 0.00	24.66 1.12 0.00	17.86 0.84 -0.37	10.79 0.51 0.00	17.83 0.87 0.00	23.07 1.12 0.00	31.92 1.40 0.00	145.33 4.76 0.00	235.30 6.63 0.12	90.01 2.97 -1.05	48.37 1.75 0.00	50.03 1.72 -0.55	34.83 1.25 3.66
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.65 2.09 0.00	38.05 1.84 0.00	35.52 1.79 0.00	33.27 1.67 0.00	31.34 1.64 0.00	29.22 1.44 0.00	32.19 1.49 0.00	29.30 1.35 0.00	33.79 1.62 0.00	35.57 1.88 0.00	30.17 1.71 0.00	25.01 1.47 0.00	17.67 1.03 0.00	10.99 0.70 0.00	18.21 1.25 0.00	23.61 1.66 0.00	32.54 2.01 0.00	147.20 6.63 0.00	239.09 10.29 0.00	89.92 3.93 0.00	48.81 2.20 0.00	49.95 2.19 0.00	38.89 1.65 0.00
N.QUEENS_27_KV_LOAD 356247	41.09 2.53 0.00	38.44 2.24 0.00	35.85 2.12 0.00	33.59 2.00 0.00	31.72 2.02 0.00	29.59 1.81 0.00	32.57 1.87 0.00	29.70 1.75 0.00	34.18 2.01 0.00	36.13 2.44 0.00	30.71 2.25 0.00	25.46 1.93 0.00	18.00 1.36 0.00	11.18 0.89 0.00	18.54 1.57 0.00	24.02 2.08 0.00	33.01 2.48 0.00	148.73 8.16 0.00	241.72 12.92 0.00	91.08 5.08 0.00	49.59 2.97 0.00	50.69 2.94 0.00	39.49 2.25 0.00
N.TROY___115KV_TB1 355778	39.87 1.32 0.00	37.39 1.18 0.00	34.85 1.12 0.00	32.66 1.07 0.00	30.69 0.99 0.00	28.71 0.92 0.00	31.71 1.01 0.00	28.84 0.89 0.00	33.22 1.05 0.00	34.89 1.20 0.00	29.43 0.96 0.00	24.38 0.85 0.00	17.28 0.64 0.00	10.64 0.35 0.00	17.56 0.60 0.00	22.73 0.78 0.00	31.64 1.11 0.00	145.02 4.45 0.00	235.14 6.34 0.00	88.77 2.78 0.00	48.22 1.61 0.00	49.32 1.56 0.00	38.35 1.11 0.00
NARROWS_GT1_1 24228	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT1_2 24229	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT1_3 24230	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT1_4 24231	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT1_5	41.07	38.41	35.77	33.46	31.56	29.44	32.41	29.53	34.06	35.91	30.48	25.39	17.94	11.13	18.41	23.86	32.82	148.01	240.39	90.98	49.49	50.61	39.40

24232	2.51 0.00	2.21 0.00	2.04 0.00	1.87 0.00	1.86 0.00	1.66 0.00	1.71 0.00	1.58 0.00	1.89 0.00	2.22 0.00	2.02 0.00	1.86 0.00	1.30 0.00	0.85 0.00	1.45 0.00	1.92 0.00	2.30 0.00	7.44 0.00	11.60 0.00	4.99 0.00	2.87 0.00	2.85 0.00	2.16 0.00
NARROWS_GT1_6 24233	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT1_7 24234	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT1_8 24235	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT2_1 24236	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.14 0.85 -0.01	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT2_2 24237	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.14 0.85 -0.01	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT2_3 24238	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.14 0.85 -0.01	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT2_4 24239	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.14 0.85 -0.01	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT2_5 24240	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.14 0.85 -0.01	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT2_6 24241	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.14 0.85 -0.01	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT2_7 24242	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.14 0.85 -0.01	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NARROWS_GT2_8 24243	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.14 0.85 -0.01	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NCATSKLL_69_KV_NC- LINE_REV_LBMP_G 345022	40.78 2.22 0.00	38.23 2.03 0.00	35.63 1.90 0.00	33.37 1.77 0.00	31.35 1.65 0.00	29.35 1.56 0.00	32.45 1.75 0.00	29.55 1.60 0.00	33.99 1.82 0.00	35.67 1.97 0.00	29.96 1.49 0.00	24.82 1.29 0.00	17.51 0.86 0.00	10.78 0.50 0.00	17.74 0.78 0.00	22.98 1.03 0.00	32.07 1.55 0.00	148.14 7.56 0.00	240.84 12.05 0.00	91.06 5.06 0.00	49.39 2.77 0.00	50.44 2.68 0.00	39.23 1.98 0.00
NCHELSEA_115KV_TR2 355582	40.86 2.30 0.00	38.27 2.06 0.00	35.69 1.96 0.00	33.40 1.81 0.00	31.47 1.77 0.00	29.38 1.60 0.00	32.41 1.71 0.00	29.49 1.54 0.00	33.98 1.81 0.00	35.75 2.06 0.00	30.28 1.82 0.00	25.09 1.55 0.00	17.78 1.13 0.00	11.03 0.74 0.00	18.25 1.30 0.00	23.68 1.73 0.00	32.70 2.17 0.00	148.29 7.72 0.00	240.77 11.97 0.00	90.63 4.64 0.00	49.17 2.55 0.00	50.27 2.51 0.00	39.12 1.88 0.00
NEG CAPITAL__MECHNVIL 23645	40.27 1.71 0.00	37.77 1.56 0.00	35.20 1.47 0.00	32.98 1.39 0.00	30.99 1.29 0.00	29.02 1.23 0.00	32.09 1.39 0.00	29.18 1.23 0.00	33.61 1.43 0.00	35.23 1.54 0.00	29.65 1.19 0.00	24.51 0.98 0.00	17.35 0.71 0.00	10.66 0.37 0.00	17.60 0.64 0.00	22.82 0.87 0.00	31.95 1.43 0.00	147.25 6.68 0.00	238.91 10.11 0.00	90.01 4.02 0.00	48.82 2.20 0.00	49.88 2.13 0.00	38.76 1.52 0.00

NEG CENTRAL_HIGH_ACRES 23767	36.07 -2.49 0.00	33.86 -2.35 0.00	31.58 -2.16 0.00	29.61 -1.99 0.00	27.81 -1.89 0.00	26.06 -1.72 0.00	28.91 -1.79 0.00	26.39 -1.56 0.00	30.34 -1.83 0.00	31.55 -2.14 0.00	26.63 -1.84 0.00	21.89 -1.64 0.00	15.38 -1.25 0.01	9.48 -0.80 0.00	14.64 -1.40 0.92	19.67 -1.68 0.60	28.58 -2.11 -0.17	132.52 -8.05 0.00	216.55 -12.25 0.00	75.16 -5.22 5.62	34.13 -2.99 9.49	40.83 -2.95 3.98	33.95 -2.25 1.04
NEG CENTRAL___DRP 24199	37.51 -1.11 -0.06	35.62 -1.07 -0.48	34.07 -0.96 -1.30	32.27 -0.84 -1.51	29.08 -0.83 -0.20	27.08 -0.71 0.00	30.69 -0.49 -0.48	27.53 -0.42 0.00	32.94 -0.52 -1.29	36.68 -0.83 -3.82	31.30 -0.69 -3.52	26.39 -0.70 -3.56	18.59 -0.63 -2.57	11.40 -0.41 -1.52	17.15 -0.76 -0.94	22.83 -0.90 -1.79	33.05 -1.09 -3.61	142.03 -4.06 -5.51	228.04 -5.47 -4.71	80.54 -2.52 2.93	35.12 -1.47 10.02	44.07 -1.50 2.19	35.41 -1.06 0.78
NEG CENTRAL___INDECK 23768	37.41 -1.84 -0.69	39.66 -1.79 -5.24	46.24 -1.61 -14.12	46.52 -1.44 -16.37	30.49 -1.44 -2.23	26.60 -1.19 0.00	34.46 -1.18 -4.94	26.84 -1.11 0.00	44.09 -1.34 -13.26	71.08 -1.87 -39.26	62.96 -1.74 -36.24	58.58 -1.52 -36.57	41.95 -1.28 -26.58	25.08 -0.82 -15.61	35.40 -1.48 -19.92	48.59 -1.77 -28.41	68.13 -2.13 -39.74	193.60 -6.73 -59.76	272.61 -7.24 -51.06	111.95 -3.32 -29.28	39.33 -2.13 5.16	65.83 -2.16 -20.23	37.70 -1.78 -2.23
NEG CENTRAL___SENECA 23627	37.33 -1.33 -0.10	35.70 -1.28 -0.77	34.65 -1.16 -2.07	32.98 -1.01 -2.40	29.03 -1.00 -0.33	26.92 -0.86 0.00	30.68 -0.76 -0.74	27.26 -0.69 0.00	33.31 -0.84 -1.99	38.31 -1.26 -5.88	32.83 -1.06 -5.43	28.03 -0.98 -5.48	19.78 -0.83 -3.96	12.09 -0.54 -2.34	17.63 -0.98 -1.66	23.70 -1.20 -2.96	34.76 -1.46 -5.69	144.02 -5.32 -8.78	229.08 -7.22 -7.50	78.55 -3.30 4.15	30.31 -1.95 14.36	42.73 -2.03 3.00	34.75 -1.42 1.07
NEG CENTRAL___STATE_STREET 24147	37.92 -0.64 0.00	35.62 -0.59 0.00	33.22 -0.52 0.00	31.20 -0.40 0.00	29.29 -0.41 0.00	27.45 -0.33 0.00	30.91 0.00 -0.21	28.00 0.05 0.00	32.77 0.04 -0.56	35.22 -0.13 -1.66	29.89 -0.11 -1.53	24.75 -0.33 -1.54	17.42 -0.34 -1.11	10.73 -0.22 -0.66	16.68 -0.44 -0.17	21.98 -0.50 -0.53	30.81 -0.52 -0.81	139.13 -1.44 0.00	227.32 -1.48 0.00	81.96 -1.23 2.80	39.31 -0.58 6.73	44.84 -0.54 2.38	36.16 -0.39 0.69
NEG MILLWOOD___DRP 24198	41.05 2.49 0.00	38.43 2.23 0.00	35.84 2.11 0.00	33.55 1.95 0.00	31.60 1.90 0.00	29.51 1.73 0.00	32.54 1.84 0.00	29.62 1.67 0.00	34.17 2.00 0.00	35.97 2.28 0.00	30.48 2.01 0.00	25.23 1.70 0.00	17.87 1.23 0.00	11.09 0.80 0.00	18.37 1.41 0.00	23.82 1.88 0.00	32.89 2.37 0.00	148.90 8.33 0.00	241.85 13.05 0.00	90.99 5.00 0.00	49.37 2.76 0.00	50.49 2.73 0.00	39.27 2.03 0.00
NEG NORTH_FLCN_SEA 23793	38.67 0.10 0.00	36.49 0.28 0.00	33.66 -0.07 0.00	31.43 -0.16 0.00	29.59 -0.11 0.00	27.70 -0.08 0.00	30.61 -0.09 0.00	27.85 -0.10 0.00	31.95 -0.22 0.00	33.55 -0.14 0.00	28.20 -0.27 0.00	23.24 -0.29 0.00	16.48 -0.17 0.00	10.10 -0.19 0.00	16.62 -0.34 0.00	21.54 -0.40 0.00	30.20 -0.33 0.00	140.46 -0.11 0.00	228.77 -0.02 0.00	85.69 -0.31 0.00	46.27 -0.35 0.00	47.23 -0.53 0.00	36.86 -0.38 0.00
NEG NORTH_KES_CHATAGAY 23792	38.27 -0.29 0.00	36.13 -0.08 0.00	33.30 -0.44 0.00	31.05 -0.55 0.00	29.24 -0.46 0.00	27.38 -0.40 0.00	30.30 -0.40 0.00	27.58 -0.37 0.00	31.67 -0.50 0.00	33.17 -0.52 0.00	27.93 -0.53 0.00	23.01 -0.53 0.00	16.32 -0.33 0.00	10.01 -0.28 0.00	16.46 -0.50 0.00	21.34 -0.60 0.00	29.81 -0.72 0.00	138.60 -1.97 0.00	226.12 -2.68 0.00	84.73 -1.27 0.00	45.80 -0.82 0.00	46.79 -0.97 0.00	36.58 -0.66 0.00
NEG NORTH___ALICE_FALLS 23915	38.76 0.20 0.00	36.56 0.36 0.00	33.74 0.01 0.00	31.49 -0.10 0.00	29.65 -0.05 0.00	27.77 -0.01 0.00	30.70 0.00 0.00	27.95 -0.01 0.00	32.05 -0.12 0.00	33.63 -0.06 0.00	28.26 -0.20 0.00	23.29 -0.25 0.00	16.49 -0.16 0.00	10.10 -0.19 0.00	16.61 -0.35 0.00	21.54 -0.40 0.00	30.22 -0.31 0.00	140.74 0.17 0.00	229.53 0.74 0.00	85.99 0.00 0.00	46.44 -0.17 0.00	47.40 -0.36 0.00	36.99 -0.25 0.00
NEG NORTH___LWR_SARANAC 23913	38.76 0.20 0.00	36.56 0.36 0.00	33.74 0.01 0.00	31.49 -0.10 0.00	29.65 -0.05 0.00	27.77 -0.01 0.00	30.70 0.00 0.00	27.95 -0.01 0.00	32.05 -0.12 0.00	33.63 -0.06 0.00	28.26 -0.20 0.00	23.29 -0.25 0.00	16.49 -0.16 0.00	10.10 -0.19 0.00	16.61 -0.35 0.00	21.54 -0.40 0.00	30.22 -0.31 0.00	140.74 0.17 0.00	229.53 0.74 0.00	85.99 0.00 0.00	46.44 -0.17 0.00	47.40 -0.36 0.00	36.99 -0.25 0.00
NEG NORTH___PLATTSBURG 23628	38.76 0.20 0.00	36.56 0.36 0.00	33.74 0.01 0.00	31.49 -0.10 0.00	29.65 -0.05 0.00	27.77 -0.01 0.00	30.70 0.00 0.00	27.95 0.00 0.00	32.05 -0.12 0.00	33.63 -0.06 0.00	28.26 -0.20 0.00	23.29 -0.24 0.00	16.49 -0.16 0.00	10.10 -0.18 0.00	16.61 -0.35 0.00	21.54 -0.40 0.00	30.21 -0.31 0.00	140.74 0.17 0.00	229.54 0.74 0.00	86.00 0.00 0.00	46.45 -0.17 0.00	47.40 -0.36 0.00	36.99 -0.25 0.00
NEG WEST_LEA_LOCKPORT 23791	34.44 -3.94 0.18	31.22 -3.61 1.37	26.78 -3.26 3.70	24.31 -3.00 4.29	26.21 -2.91 0.58	25.06 -2.72 0.00	26.30 -3.11 1.29	25.25 -2.70 0.00	25.51 -3.21 3.45	19.65 -3.82 10.21	15.71 -3.33 9.43	11.01 -3.01 9.51	7.47 -2.23 6.95	4.89 -1.33 4.06	7.28 -2.32 7.36	7.08 -2.85 12.02	13.10 -4.06 13.37	108.10 -16.82 15.66	189.29 -26.13 13.38	52.93 -11.03 22.03	19.03 -6.09 21.49	26.95 -5.58 15.23	29.92 -4.29 3.04
NEG WEST___LANCASTER 23811	36.30 -2.08 0.18	32.94 -1.88 1.38	28.35 -1.66 3.73	25.84 -1.43 4.32	27.65 -1.46 0.59	26.46 -1.32 0.00	27.97 -1.43 1.30	26.72 -1.23 0.00	27.13 -1.56 3.48	21.25 -2.14 10.31	17.10 -1.85 9.51	12.21 -1.73 9.60	8.33 -1.30 7.01	5.45 -0.74 4.10	7.96 -1.35 7.65	8.72 -1.65 11.57	15.49 -2.33 12.70	116.03 -8.76 15.78	202.40 -12.91 13.48	55.17 -6.17 24.66	18.90 -3.50 24.21	27.75 -3.28 16.72	31.40 -2.42 3.43
NEG PENN_ALLEGHNY 23528	38.16 -0.40 0.00	35.81 -0.39 0.00	33.42 -0.31 0.00	31.39 -0.20 0.00	29.45 -0.25 0.00	27.54 -0.25 0.00	30.45 -0.25 0.00	27.70 -0.25 0.00	31.86 -0.31 0.00	33.26 -0.43 0.00	28.10 -0.37 0.00	23.22 -0.32 0.00	16.40 -0.28 -0.03	10.14 -0.15 0.00	18.88 -0.28 -2.20	23.50 -0.37 -1.93	30.19 -0.44 -0.10	139.41 -1.16 0.00	227.17 -1.63 0.00	96.26 -1.07 -11.34	69.86 -0.67 -23.92	56.04 -0.69 -8.97	39.20 -0.58 -2.54
NEG___GEN_MONROE 24207	36.52 -2.05 0.00	34.29 -1.91 0.00	31.99 -1.75 0.00	29.98 -1.61 0.00	28.16 -1.54 0.00	26.39 -1.39 0.00	29.22 -1.48 0.00	26.70 -1.25 0.00	30.65 -1.52 0.00	31.75 -1.94 0.00	26.70 -1.76 0.00	21.93 -1.60 0.00	15.39 -1.24 0.01	9.50 -0.78 0.00	14.50 -1.38 1.09	14.79 -1.65 5.51	23.49 -2.14 4.89	133.17 -7.40 0.00	218.32 -10.48 0.00	74.47 -4.66 6.87	32.94 -2.69 10.99	40.46 -2.53 4.77	34.11 -1.95 1.18

NEPA__ENERGY 23901	35.40 -2.95 0.20	31.92 -2.73 1.56	27.24 -2.29 4.20	24.77 -1.95 4.87	27.04 -2.00 0.66	25.94 -1.85 0.00	27.24 -2.00 1.46	26.18 -1.77 0.00	26.04 -2.21 3.93	19.25 -2.81 11.63	15.26 -2.47 10.73	10.52 -2.18 10.83	7.13 -1.61 7.91	4.78 -0.88 4.62	6.85 -1.68 8.44	7.23 -2.11 12.60	13.68 -2.85 14.00	111.43 -11.35 17.79	196.11 -17.49 15.20	51.48 -8.20 26.31	16.36 -4.90 25.35	25.14 -4.68 17.94	30.03 -3.58 3.63
NEVERSINK__HYD 23608	40.59 2.03 0.00	38.05 1.85 0.00	35.49 1.75 0.00	33.24 1.64 0.00	31.29 1.59 0.00	29.22 1.43 0.00	32.24 1.54 0.00	29.35 1.40 0.00	33.75 1.58 0.00	35.38 1.69 0.00	29.98 1.52 0.00	24.87 1.33 0.00	17.59 0.94 0.00	10.89 0.60 0.00	18.04 1.08 0.00	23.38 1.44 0.00	32.35 1.82 0.00	147.20 6.63 0.00	239.66 10.86 0.00	90.20 4.20 0.00	48.92 2.31 0.00	50.01 2.25 0.00	38.88 1.64 0.00
NEWKRMKL_115KV_TB1 55635	40.08 1.52 0.00	37.58 1.38 0.00	35.05 1.31 0.00	32.83 1.24 0.00	30.86 1.16 0.00	28.84 1.06 0.00	31.83 1.13 0.00	28.96 1.01 0.00	33.34 1.18 0.00	35.06 1.37 0.00	29.61 1.15 0.00	24.51 0.98 0.00	17.38 0.73 0.00	10.72 0.43 0.00	17.68 0.72 0.00	22.88 0.93 0.00	31.81 1.28 0.00	145.49 4.92 0.00	236.10 7.30 0.00	89.06 3.06 0.00	48.36 1.75 0.00	49.47 1.72 0.00	38.53 1.29 0.00
NEWTON__FALLS_HYD 23847	37.87 -0.69 0.00	35.54 -0.67 0.00	33.02 -0.72 0.00	30.89 -0.71 0.00	29.01 -0.69 0.00	27.29 -0.50 0.00	30.27 -0.43 0.00	27.45 -0.50 0.00	31.66 -0.52 0.00	33.09 -0.60 0.00	27.64 -0.83 0.00	22.70 -0.83 0.00	15.98 -0.67 0.00	9.88 -0.41 0.00	16.42 -0.54 0.00	21.27 -0.67 0.00	29.50 -1.03 0.00	140.20 -0.37 0.00	229.12 0.32 0.00	85.58 -0.42 0.00	45.78 -0.84 0.00	46.43 -1.33 0.00	36.24 -1.00 0.00
NGRID_A1_DSASP 323792	34.03 -4.35 0.19	30.77 -4.01 1.42	26.20 -3.70 3.83	23.74 -3.41 4.45	25.84 -3.26 0.60	24.74 -3.04 0.00	26.01 -3.35 1.33	25.05 -2.90 0.00	25.05 -3.54 3.58	18.74 -4.34 10.60	14.94 -3.73 9.79	10.32 -3.34 9.88	7.02 -2.42 7.21	4.66 -1.42 4.22	6.87 -2.49 7.61	7.01 -3.12 11.82	12.89 -4.44 13.20	106.23 -18.10 16.23	186.15 -28.78 13.87	51.17 -11.94 22.89	17.79 -6.68 22.15	25.64 -6.31 15.81	29.43 -4.66 3.15
NGRID_A2_DSASP 323793	34.03 -4.35 0.19	30.77 -4.01 1.42	26.20 -3.70 3.83	23.74 -3.41 4.45	25.84 -3.26 0.60	24.74 -3.04 0.00	26.01 -3.35 1.33	25.05 -2.90 0.00	25.05 -3.54 3.58	18.74 -4.34 10.60	14.94 -3.73 9.79	10.32 -3.34 9.88	7.02 -2.42 7.21	4.66 -1.42 4.22	6.87 -2.49 7.61	7.01 -3.12 11.82	12.89 -4.44 13.20	106.23 -18.10 16.23	186.15 -28.78 13.87	51.17 -11.94 22.89	17.79 -6.68 22.15	25.64 -6.31 15.81	29.43 -4.66 3.15
NGRID_A4_DSASP 323807	34.03 -4.35 0.19	30.77 -4.01 1.42	26.20 -3.70 3.83	23.74 -3.41 4.45	25.84 -3.26 0.60	24.74 -3.04 0.00	26.01 -3.35 1.33	25.05 -2.90 0.00	25.05 -3.54 3.58	18.74 -4.34 10.60	14.94 -3.73 9.79	10.32 -3.34 9.88	7.02 -2.42 7.21	4.66 -1.42 4.22	6.87 -2.49 7.61	7.01 -3.12 11.82	12.89 -4.44 13.20	106.23 -18.10 16.23	186.15 -28.78 13.87	51.17 -11.94 22.89	17.79 -6.68 22.15	25.64 -6.31 15.81	29.43 -4.66 3.15
NIAGARA_115E_LBMP 323715	33.96 -4.42 0.18	30.79 -4.02 1.39	26.38 -3.61 3.74	23.95 -3.31 4.34	25.85 -3.27 0.59	24.68 -3.10 0.00	25.77 -3.63 1.30	24.75 -3.19 0.00	25.02 -3.66 3.49	19.26 -4.11 10.32	15.40 -3.54 9.53	10.80 -3.12 9.61	7.26 -2.37 7.02	4.75 -1.43 4.11	7.03 -2.48 7.45	7.14 -2.95 11.85	13.03 -4.31 13.19	105.52 -19.23 15.83	185.03 -30.24 13.52	50.93 -12.56 22.51	17.42 -6.86 22.34	26.28 -6.02 15.47	29.11 -4.89 3.25
NIAGARA_115W_LBMP 323714	34.00 -4.38 0.19	30.74 -4.04 1.42	26.20 -3.71 3.82	23.75 -3.41 4.43	25.82 -3.28 0.60	24.72 -3.07 0.00	26.01 -3.37 1.33	25.02 -2.93 0.00	25.04 -3.56 3.57	18.81 -4.31 10.57	15.02 -3.69 9.76	10.45 -3.24 9.85	7.07 -2.39 7.19	4.67 -1.42 4.20	6.88 -2.49 7.59	7.10 -3.07 11.78	13.05 -4.33 13.15	106.34 -18.05 16.18	186.26 -28.71 13.83	51.25 -11.91 22.83	17.40 -6.69 22.53	25.68 -6.31 15.77	29.27 -4.68 3.29
NIAGARA_230_LBMP 323716	34.21 -4.17 0.18	31.00 -3.83 1.38	26.51 -3.50 3.72	24.07 -3.21 4.32	26.02 -3.09 0.59	24.89 -2.90 0.00	26.21 -3.20 1.29	25.15 -2.80 0.00	25.31 -3.39 3.48	19.32 -4.08 10.29	15.47 -3.49 9.50	10.88 -3.07 9.59	7.37 -2.28 7.00	4.85 -1.35 4.09	7.18 -2.37 7.41	7.61 -2.90 11.44	13.70 -4.07 12.76	107.61 -17.21 15.76	188.39 -26.95 13.46	52.21 -11.45 22.34	18.08 -6.42 22.12	26.31 -6.01 15.44	29.53 -4.48 3.23
NIAGARA__115KV_198_GIBSON 55903	33.99 -4.39 0.19	30.74 -4.05 1.42	26.19 -3.73 3.82	23.72 -3.44 4.43	25.81 -3.29 0.60	24.72 -3.07 0.00	25.98 -3.39 1.33	25.02 -2.93 0.00	25.02 -3.58 3.57	18.74 -4.37 10.57	14.95 -3.76 9.76	10.33 -3.36 9.85	7.03 -2.43 7.19	4.66 -1.43 4.20	6.88 -2.50 7.59	7.02 -3.14 11.78	12.90 -4.47 13.15	106.10 -18.29 16.18	185.92 -29.05 13.83	51.13 -12.04 22.83	17.78 -6.74 22.10	25.62 -6.37 15.77	29.40 -4.69 3.15
NIAGARA__ 23760	34.21 -4.17 0.18	30.99 -3.83 1.39	26.48 -3.50 3.75	24.03 -3.21 4.36	26.02 -3.09 0.59	24.89 -2.90 0.00	26.21 -3.20 1.30	25.15 -2.80 0.00	25.29 -3.39 3.49	19.28 -4.08 10.33	15.44 -3.49 9.53	10.85 -3.07 9.62	7.34 -2.28 7.02	4.82 -1.35 4.12	7.15 -2.37 7.43	7.53 -2.90 11.52	13.58 -4.07 12.88	107.56 -17.21 15.81	188.35 -26.95 13.50	52.13 -11.45 22.42	18.00 -6.42 22.20	26.27 -6.01 15.48	29.52 -4.48 3.24
NINE_MILE_1 23575	36.90 -1.66 0.00	34.64 -1.57 0.00	32.29 -1.44 0.00	30.27 -1.32 0.00	28.44 -1.26 0.00	26.62 -1.17 0.00	29.42 -1.28 0.00	26.79 -1.16 0.00	30.84 -1.33 0.00	32.26 -1.43 0.00	27.26 -1.21 0.00	22.54 -1.00 0.00	15.93 -0.72 0.00	9.84 -0.45 0.00	16.20 -0.76 0.00	20.98 -0.96 0.00	29.22 -1.30 0.00	135.09 -5.49 0.00	220.26 -8.54 0.00	82.81 -3.19 0.00	44.90 -1.72 0.00	46.09 -1.67 0.00	35.98 -1.26 0.00
NINE_MILE_2 23744	36.90 -1.66 0.00	34.64 -1.56 0.00	32.29 -1.44 0.00	30.27 -1.32 0.00	28.44 -1.26 0.00	26.62 -1.17 0.00	29.42 -1.28 0.00	26.80 -1.16 0.00	30.84 -1.33 0.00	32.26 -1.43 0.00	27.26 -1.21 0.00	22.54 -1.00 0.00	15.93 -0.72 0.00	9.84 -0.45 0.00	16.20 -0.76 0.00	20.98 -0.96 0.00	29.23 -1.30 0.00	135.09 -5.49 0.00	220.36 -8.44 0.00	82.81 -3.18 0.00	44.90 -1.72 0.00	46.11 -1.65 0.00	35.99 -1.26 0.00
NM_CAPITAL__DRP 24208	39.99 1.43 0.00	37.51 1.30 0.00	34.97 1.23 0.00	32.77 1.17 0.00	30.79 1.10 0.00	28.78 1.00 0.00	31.75 1.05 0.00	28.88 0.93 0.00	33.27 1.10 0.00	34.99 1.30 0.00	29.55 1.09 0.00	24.48 0.95 0.00	17.36 0.71 0.00	10.70 0.42 0.00	17.66 0.70 0.00	22.85 0.90 0.00	31.73 1.21 0.00	145.03 4.46 0.00	235.19 6.39 0.00	88.79 2.80 0.00	48.24 1.62 0.00	49.35 1.59 0.00	38.44 1.20 0.00

NM_CENTRAL__DRP 24181	37.53 -1.02 0.00	35.25 -0.96 0.00	32.86 -0.87 0.00	30.82 -0.78 0.00	28.94 -0.76 0.00	27.09 -0.69 0.00	30.01 -0.69 0.00	27.34 -0.61 0.00	31.47 -0.70 0.00	32.90 -0.79 0.00	27.81 -0.65 0.00	22.97 -0.56 0.00	16.20 -0.45 0.00	10.00 -0.28 0.00	16.46 -0.50 0.00	21.33 -0.62 0.00	29.76 -0.77 0.00	137.69 -2.88 0.00	224.58 -4.21 0.00	84.22 -1.77 0.00	45.63 -0.99 0.00	46.80 -0.96 0.00	36.51 -0.73 0.00
NM_FRONTIER__DRP 24179	33.99 -4.39 0.19	30.74 -4.05 1.42	26.19 -3.73 3.82	23.72 -3.44 4.43	25.81 -3.29 0.60	24.72 -3.07 0.00	25.98 -3.39 1.33	25.02 -2.93 0.00	25.02 -3.58 3.57	18.74 -4.37 10.57	14.95 -3.76 9.76	10.33 -3.36 9.85	7.03 -2.43 7.19	4.66 -1.43 4.20	6.88 -2.50 7.59	7.02 -3.14 11.78	12.90 -4.47 13.15	106.10 -18.29 16.18	185.92 -29.05 13.83	51.13 -12.04 22.83	17.78 -6.74 22.10	25.62 -6.37 15.77	29.40 -4.69 3.15
NM_ST_REGIS__HYD 24053	38.70 0.14 0.00	36.42 0.21 0.00	33.72 -0.02 0.00	31.49 -0.10 0.00	29.65 -0.05 0.00	27.83 0.05 0.00	30.85 0.15 0.00	28.08 0.13 0.00	32.24 0.07 0.00	33.60 -0.09 0.00	28.19 -0.27 0.00	23.20 -0.33 0.00	16.43 -0.22 0.00	10.13 -0.16 0.00	16.69 -0.27 0.00	21.60 -0.35 0.00	30.09 -0.43 0.00	140.94 0.37 0.00	230.18 1.38 0.00	86.22 0.22 0.00	46.48 -0.13 0.00	47.43 -0.33 0.00	37.08 -0.16 0.00
NORTHPORT__1 23551	41.13 2.58 0.00	38.44 2.23 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.65 1.95 0.00	29.50 1.71 0.00	32.23 1.53 0.00	29.42 1.47 0.00	34.12 1.95 0.00	36.22 2.53 0.00	30.71 2.25 0.00	25.41 1.88 0.00	17.93 1.28 0.00	11.08 0.79 0.00	18.51 1.55 0.00	24.08 2.13 0.00	33.22 2.69 0.00	147.98 7.41 0.00	239.48 10.68 0.00	90.56 4.56 0.00	49.33 2.72 0.00	50.62 2.86 0.00	39.55 2.31 0.00
NORTHPORT__2 23552	41.13 2.58 0.00	38.44 2.23 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.65 1.95 0.00	29.50 1.71 0.00	32.23 1.53 0.00	29.42 1.47 0.00	34.12 1.95 0.00	36.22 2.53 0.00	30.71 2.25 0.00	25.41 1.88 0.00	17.93 1.28 0.00	11.08 0.79 0.00	18.51 1.55 0.00	24.08 2.13 0.00	33.22 2.69 0.00	147.98 7.41 0.00	239.48 10.68 0.00	90.56 4.56 0.00	49.33 2.72 0.00	50.62 2.86 0.00	39.55 2.31 0.00
NORTHPORT__3 23553	41.13 2.57 0.00	38.44 2.23 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.65 1.94 0.00	29.50 1.71 0.00	32.25 1.54 0.00	29.43 1.48 0.00	34.12 1.95 0.00	36.21 2.52 0.00	30.70 2.24 0.00	25.41 1.87 0.00	17.92 1.28 0.00	11.09 0.80 0.00	18.51 1.55 0.00	24.07 2.12 0.00	33.21 2.68 0.00	148.11 7.53 0.00	239.71 10.91 0.00	90.65 4.65 0.00	49.36 2.74 0.00	50.62 2.86 0.00	39.54 2.29 0.00
NORTHPORT__4 23650	41.13 2.57 0.00	38.44 2.23 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.65 1.94 0.00	29.50 1.71 0.00	32.25 1.54 0.00	29.43 1.48 0.00	34.12 1.95 0.00	36.21 2.52 0.00	30.70 2.24 0.00	25.41 1.87 0.00	17.92 1.28 0.00	11.09 0.80 0.00	18.51 1.55 0.00	24.07 2.12 0.00	33.21 2.68 0.00	148.11 7.53 0.00	239.71 10.91 0.00	90.65 4.65 0.00	49.36 2.74 0.00	50.62 2.86 0.00	39.54 2.29 0.00
NORTHPORT__IC 23718	41.13 2.58 0.00	38.44 2.23 0.00	35.84 2.10 0.00	33.57 1.97 0.00	31.66 1.96 0.00	29.50 1.71 0.00	32.24 1.53 0.00	29.42 1.47 0.00	34.13 1.95 0.00	36.22 2.53 0.00	30.71 2.25 0.00	25.42 1.89 0.00	17.93 1.28 0.00	11.08 0.80 0.00	18.51 1.55 0.00	24.08 2.13 0.00	33.24 2.71 0.00	148.01 7.43 0.00	239.56 10.76 0.00	90.57 4.58 0.00	49.34 2.72 0.00	50.62 2.86 0.00	39.55 2.31 0.00
NORTH__COUNTRY_ESR 323785	38.20 -0.36 0.00	36.07 -0.14 0.00	33.24 -0.50 0.00	31.00 -0.60 0.00	29.19 -0.51 0.00	27.34 -0.45 0.00	30.24 -0.46 0.00	27.53 -0.42 0.00	31.61 -0.56 0.00	33.12 -0.57 0.00	27.91 -0.56 0.00	22.99 -0.54 0.00	16.31 -0.33 0.00	10.01 -0.28 0.00	16.46 -0.50 0.00	21.32 -0.62 0.00	29.79 -0.73 0.00	138.35 -2.22 0.00	225.53 -3.26 0.00	84.49 -1.51 0.00	45.68 -0.94 0.00	46.69 -1.07 0.00	36.50 -0.74 0.00
NPX_GEN_1385_PROXY 323591	41.13 2.58 0.00	38.44 2.23 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.65 1.95 0.00	26.60 1.71 2.90	32.23 1.53 0.00	29.42 1.47 0.00	34.12 1.95 0.00	36.22 2.53 0.00	30.71 2.25 0.00	25.41 1.88 0.00	17.93 1.28 0.00	11.08 0.79 0.00	18.51 1.55 0.00	24.08 2.13 0.00	33.22 2.69 0.00	147.98 7.41 0.00	239.48 10.68 0.00	90.56 4.56 0.00	49.33 2.72 0.00	50.62 2.86 0.00	39.55 2.31 0.00
NPX_GEN_CSC 323557	41.29 2.73 0.00	38.55 2.34 0.00	35.94 2.20 0.00	33.66 2.06 0.00	31.78 2.08 0.00	26.62 1.74 2.90	32.08 1.38 0.00	29.37 1.42 0.00	34.23 2.06 0.00	36.45 2.76 0.00	30.88 2.42 0.00	25.55 2.01 0.00	18.01 1.36 0.00	11.08 0.80 0.00	18.56 1.60 0.00	24.22 2.27 0.00	33.49 2.96 0.00	149.50 8.93 0.00	242.20 13.40 0.00	91.14 5.15 0.00	49.61 3.00 0.00	50.88 3.13 0.00	39.98 2.73 0.00
NSINS_S__GLNS_FALLS 23858	40.15 1.59 0.00	37.65 1.44 0.00	35.09 1.36 0.00	32.89 1.30 0.00	30.90 1.20 0.00	29.01 1.22 0.00	32.10 1.40 0.00	29.19 1.24 0.00	33.60 1.43 0.00	35.13 1.44 0.00	29.48 1.02 0.00	24.37 0.83 0.00	17.24 0.59 0.00	10.55 0.26 0.00	17.40 0.44 0.00	22.69 0.74 0.00	31.90 1.38 0.00	147.52 6.95 0.00	239.44 10.64 0.00	90.24 4.25 0.00	48.86 2.25 0.00	49.87 2.11 0.00	38.68 1.43 0.00
NUCOR_STEEL__DRP 24197	37.93 -0.63 0.00	35.64 -0.56 0.00	33.23 -0.51 0.00	31.21 -0.39 0.00	29.30 -0.40 0.00	27.46 -0.32 0.00	30.72 0.02 0.00	28.03 0.08 0.00	32.25 0.08 0.00	33.62 -0.07 0.00	28.40 -0.06 0.00	23.24 -0.29 0.00	16.33 -0.31 0.01	10.08 -0.20 0.00	15.88 -0.42 0.67	20.82 -0.46 0.67	29.93 -0.47 0.13	139.28 -1.29 0.00	227.54 -1.26 0.00	82.68 -1.20 2.12	40.60 -0.53 5.49	45.41 -0.48 1.87	36.32 -0.35 0.57
NUMBER_THREE_WT_PWR 323818	37.23 -1.33 0.00	34.90 -1.30 0.00	32.49 -1.24 0.00	30.43 -1.17 0.00	28.52 -1.18 0.00	26.92 -0.87 0.00	29.89 -0.81 0.00	26.96 -0.99 0.00	31.32 -0.85 0.00	33.01 -0.68 0.00	27.43 -1.03 0.00	22.53 -1.00 0.00	15.77 -0.88 0.00	9.78 -0.51 0.00	16.41 -0.55 0.00	21.28 -0.67 0.00	29.42 -1.11 0.00	140.96 0.39 0.00	230.72 1.93 0.00	85.97 -0.03 0.00	45.70 -0.91 0.00	45.99 -1.77 0.00	35.91 -1.33 0.00
NYISO_LBMP_REFERENCE 24008	38.56 0.00 0.00	36.21 0.00 0.00	33.73 0.00 0.00	31.59 0.00 0.00	29.70 0.00 0.00	27.78 0.00 0.00	30.70 0.00 0.00	27.95 0.00 0.00	32.17 0.00 0.00	33.69 0.00 0.00	28.46 0.00 0.00	23.53 0.00 0.00	16.65 0.00 0.00	10.29 0.00 0.00	16.96 0.00 0.00	21.95 0.00 0.00	30.53 0.00 0.00	140.57 0.00 0.00	228.80 0.00 0.00	85.99 0.00 0.00	46.62 0.00 0.00	47.76 0.00 0.00	37.24 0.00 0.00

NYPA_BRENTWD____GT 24164	41.49 2.93 0.00	38.76 2.55 0.00	36.12 2.39 0.00	33.82 2.23 0.00	31.90 2.20 0.00	29.74 1.96 0.00	32.51 1.81 0.00	29.68 1.74 0.00	34.44 2.27 0.00	36.56 2.87 0.00	31.00 2.54 0.00	25.65 2.11 0.00	18.08 1.43 0.00	11.16 0.88 0.00	18.67 1.71 0.00	24.30 2.35 0.00	33.56 3.03 0.00	149.97 9.40 0.00	242.81 14.01 0.00	91.67 5.67 0.00	49.91 3.30 0.00	51.14 3.38 0.00	39.93 2.69 0.00
NYPA_GOWANUS____GT5 24156	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NYPA_GOWANUS____GT6 24157	41.07 2.51 0.00	38.41 2.21 0.00	35.77 2.04 0.00	33.46 1.87 0.00	31.56 1.86 0.00	29.44 1.66 0.00	32.41 1.71 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.94 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.86 1.92 0.00	32.82 2.30 0.00	148.01 7.44 0.00	240.39 11.60 0.00	90.98 4.99 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00
NYPA_HARLEM__RVR__GT1 24160	41.08 2.52 0.00	38.42 2.21 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.68 1.98 0.00	29.56 1.78 0.00	32.53 1.84 0.00	29.66 1.71 0.00	34.14 1.97 0.00	36.07 2.38 0.00	30.66 2.19 0.00	25.42 1.88 0.00	17.97 1.33 0.00	11.16 0.88 0.00	18.50 1.54 0.00	23.98 2.03 0.00	32.94 2.41 0.00	148.50 7.93 0.00	241.28 12.48 0.00	90.94 4.94 0.00	49.52 2.90 0.00	50.64 2.88 0.00	39.46 2.22 0.00
NYPA_HARLEM__RVR__GT2 24161	41.08 2.52 0.00	38.42 2.21 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.68 1.98 0.00	29.56 1.78 0.00	32.53 1.84 0.00	29.66 1.71 0.00	34.14 1.97 0.00	36.07 2.38 0.00	30.66 2.19 0.00	25.42 1.88 0.00	17.97 1.33 0.00	11.16 0.88 0.00	18.50 1.54 0.00	23.98 2.03 0.00	32.94 2.41 0.00	148.50 7.93 0.00	241.28 12.48 0.00	90.94 4.94 0.00	49.52 2.90 0.00	50.64 2.88 0.00	39.46 2.22 0.00
NYPA_KENT____GT 24152	41.14 2.58 0.00	38.48 2.27 0.00	35.86 2.12 0.00	33.55 1.96 0.00	31.64 1.94 0.00	29.52 1.74 0.00	32.50 1.80 0.00	29.61 1.66 0.00	34.16 1.99 0.00	36.00 2.31 0.00	30.56 2.10 0.00	25.41 1.88 0.00	17.97 1.32 0.00	11.16 0.87 -0.01	18.46 1.50 0.00	23.93 1.98 0.00	32.92 2.39 0.00	148.35 7.78 0.00	240.91 12.11 0.00	91.02 5.03 0.00	49.50 2.88 0.00	50.65 2.89 0.00	39.43 2.19 0.00
NYPA_POUCH1____GT 24155	40.92 2.36 0.00	38.25 2.05 0.00	35.67 1.93 0.00	33.37 1.77 0.00	31.47 1.77 0.00	29.35 1.57 0.00	32.32 1.61 0.00	29.43 1.48 0.00	33.94 1.77 0.00	35.78 2.09 0.00	30.36 1.90 0.00	25.29 1.76 0.00	17.87 1.23 0.00	11.08 0.79 0.01	18.34 1.38 0.00	23.77 1.82 0.00	32.70 2.17 0.00	147.45 6.88 0.00	239.49 10.69 0.00	90.69 4.69 0.00	49.32 2.70 0.00	50.44 2.68 0.00	39.26 2.02 0.00
NYPA_VERNON____GT2 24162	41.21 2.65 0.00	38.55 2.34 0.00	35.93 2.20 0.00	33.65 2.05 0.00	31.72 2.02 0.00	29.60 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.25 2.08 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.43 1.90 0.00	17.98 1.33 0.00	11.18 0.89 -0.01	18.51 1.55 0.00	23.99 2.05 0.00	33.01 2.48 0.00	148.72 8.15 0.00	241.36 12.56 0.00	91.03 5.04 0.00	49.52 2.90 0.00	50.69 2.93 0.00	39.46 2.22 0.00
NYPA_VERNON____GT3 24163	41.21 2.65 0.00	38.55 2.34 0.00	35.93 2.20 0.00	33.65 2.05 0.00	31.72 2.02 0.00	29.60 1.81 0.00	32.59 1.89 0.00	29.69 1.74 0.00	34.25 2.08 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.43 1.90 0.00	17.98 1.33 0.00	11.18 0.89 -0.01	18.51 1.55 0.00	23.99 2.05 0.00	33.01 2.48 0.00	148.72 8.15 0.00	241.36 12.56 0.00	91.03 5.04 0.00	49.52 2.90 0.00	50.69 2.93 0.00	39.46 2.22 0.00
NYPA__ASTORIA_CC1 323568	41.21 2.65 0.00	38.54 2.33 0.00	35.92 2.19 0.00	33.63 2.04 0.00	31.72 2.02 0.00	29.60 1.81 0.00	32.58 1.88 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.43 1.90 0.00	17.98 1.33 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.99 2.47 0.00	148.70 8.14 0.00	241.32 12.53 0.00	91.02 5.02 0.00	49.51 2.89 0.00	50.68 2.92 0.00	39.46 2.22 0.00
NYPA__ASTORIA_CC2 323569	41.21 2.65 0.00	38.54 2.33 0.00	35.92 2.19 0.00	33.63 2.04 0.00	31.72 2.02 0.00	29.60 1.81 0.00	32.58 1.88 0.00	29.69 1.74 0.00	34.23 2.06 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.43 1.90 0.00	17.98 1.33 0.00	11.18 0.89 0.00	18.51 1.55 0.00	23.99 2.04 0.00	32.99 2.47 0.00	148.70 8.14 0.00	241.32 12.53 0.00	91.02 5.02 0.00	49.51 2.89 0.00	50.68 2.92 0.00	39.46 2.22 0.00
NYPA__HOLTSVILL 23794	41.24 2.68 0.00	38.52 2.31 0.00	35.91 2.18 0.00	33.63 2.03 0.00	31.73 2.03 0.00	29.55 1.77 0.00	32.27 1.56 0.00	29.49 1.54 0.00	34.24 2.07 0.00	36.36 2.66 0.00	30.83 2.36 0.00	25.50 1.97 0.00	17.99 1.34 0.00	11.10 0.81 0.00	18.56 1.60 0.00	24.17 2.22 0.00	33.38 2.85 0.00	149.04 8.46 0.00	241.44 12.64 0.00	91.13 5.14 0.00	49.61 3.00 0.00	50.85 3.09 0.00	39.75 2.51 0.00
NYPA__HELLGATE_GT1 24158	41.08 2.52 0.00	38.42 2.21 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.68 1.98 0.00	29.56 1.78 0.00	32.53 1.84 0.00	29.66 1.71 0.00	34.14 1.97 0.00	36.07 2.38 0.00	30.66 2.19 0.00	25.42 1.88 0.00	17.97 1.33 0.00	11.16 0.88 0.00	18.50 1.54 0.00	23.98 2.03 0.00	32.94 2.41 0.00	148.50 7.93 0.00	241.28 12.48 0.00	90.96 4.96 0.00	49.52 2.90 0.00	50.64 2.88 0.00	39.46 2.22 0.00
NYPA__HELLGATE_GT2 24159	41.08 2.52 0.00	38.42 2.21 0.00	35.83 2.09 0.00	33.56 1.97 0.00	31.68 1.98 0.00	29.56 1.78 0.00	32.53 1.84 0.00	29.66 1.71 0.00	34.14 1.97 0.00	36.07 2.38 0.00	30.66 2.19 0.00	25.42 1.88 0.00	17.97 1.33 0.00	11.16 0.88 0.00	18.50 1.54 0.00	23.98 2.03 0.00	32.94 2.41 0.00	148.50 7.93 0.00	241.28 12.48 0.00	90.96 4.96 0.00	49.52 2.90 0.00	50.64 2.88 0.00	39.46 2.22 0.00
NYS_BARGE__HYD 23848	34.50 -3.89 0.17	31.38 -3.56 1.27	27.11 -3.19 3.43	24.68 -2.93 3.98	26.29 -2.87 0.54	25.08 -2.70 0.00	26.41 -3.09 1.19	25.25 -2.70 0.00	25.80 -3.16 3.21	20.52 -3.69 9.48	16.50 -3.21 8.75	11.84 -2.86 8.83	8.02 -2.18 6.45	5.19 -1.32 3.77	7.74 -2.31 6.91	7.67 -2.75 11.53	13.88 -3.92 12.73	109.44 -16.59 14.54	190.68 -25.70 12.42	54.10 -10.86 21.04	19.40 -6.02 21.20	27.88 -5.36 14.52	29.93 -4.27 3.05

OAK ORCHARD__HYD 24046	36.48 -2.08 0.00	34.26 -1.94 0.00	31.95 -1.79 0.00	29.95 -1.65 0.00	28.14 -1.57 0.00	26.35 -1.43 0.00	29.22 -1.48 0.00	26.67 -1.28 0.00	30.64 -1.53 0.00	31.80 -1.89 0.00	26.82 -1.65 0.00	22.06 -1.48 0.00	15.49 -1.14 0.01	9.57 -0.72 0.00	14.66 -1.27 1.04	20.01 -1.49 0.45	29.07 -1.89 -0.43	133.60 -6.97 0.00	218.49 -10.31 0.00	74.70 -4.59 6.70	33.02 -2.65 10.94	40.57 -2.53 4.66	34.09 -1.93 1.22
OAKDALE__35_KV_LOAD 356122	38.05 -0.51 0.00	35.75 -0.46 0.00	33.35 -0.38 0.00	31.32 -0.28 0.00	29.38 -0.32 0.00	27.48 -0.30 0.00	30.38 -0.32 0.00	27.64 -0.31 0.00	31.78 -0.39 0.00	33.19 -0.50 0.00	28.07 -0.39 0.00	23.19 -0.34 0.00	16.40 -0.28 -0.03	10.14 -0.15 0.00	19.17 -0.28 -2.49	23.77 -0.38 -2.20	30.19 -0.48 -0.15	139.01 -1.56 0.00	226.52 -2.28 0.00	97.14 -1.25 -12.39	72.65 -0.79 -26.82	56.97 -0.79 -10.00	39.34 -0.67 -2.77
OCC_CHEM__DRP 24175	34.03 -4.35 0.19	30.77 -4.01 1.42	26.20 -3.70 3.83	23.74 -3.41 4.45	25.84 -3.26 0.60	24.74 -3.04 0.00	26.01 -3.35 1.33	25.05 -2.90 0.00	25.05 -3.54 3.58	18.74 -4.34 10.60	14.94 -3.73 9.79	10.32 -3.34 9.88	7.02 -2.42 7.21	4.66 -1.42 4.22	6.87 -2.49 7.61	7.01 -3.12 11.82	12.89 -4.44 13.20	106.23 -18.10 16.23	186.15 -28.78 13.87	51.17 -11.94 22.89	17.79 -6.68 22.15	25.64 -6.31 15.81	29.43 -4.66 3.15
OH_GEN_PROXY 24063	34.30 -4.10 0.17	31.17 -3.76 1.28	26.85 -3.44 3.45	24.44 -3.16 4.00	26.12 -3.04 0.54	22.05 -2.83 2.90	26.39 -3.11 1.20	25.22 -2.73 0.00	25.65 -3.30 3.22	3.89 -3.99 25.80	16.26 -3.40 8.80	11.66 -2.99 8.88	7.94 -2.22 6.49	5.17 -1.32 3.79	7.68 -2.31 6.97	8.34 -2.83 10.78	14.64 -3.96 11.92	109.28 -16.69 14.61	190.17 -26.15 12.48	74.27 -11.11 0.61	21.67 -6.26 18.68	27.06 -5.88 14.82	29.70 -4.40 3.15
OLIN_CORP_DRP 24177	34.00 -4.37 0.18	30.80 -4.00 1.41	26.32 -3.61 3.80	23.86 -3.32 4.41	25.86 -3.24 0.60	24.72 -3.06 0.00	25.80 -3.58 1.32	24.83 -3.12 0.00	24.99 -3.63 3.55	19.02 -4.16 10.50	15.17 -3.59 9.70	10.52 -3.23 9.79	7.12 -2.38 7.15	4.68 -1.43 4.18	6.93 -2.46 7.57	6.99 -3.01 11.95	12.83 -4.38 13.31	105.51 -18.95 16.11	185.05 -29.98 13.76	50.68 -12.46 22.85	17.66 -6.76 22.19	25.93 -6.12 15.71	29.31 -4.78 3.15
OLIN_CORP_DSASP 323712	34.03 -4.35 0.19	30.77 -4.01 1.42	26.20 -3.70 3.83	23.74 -3.41 4.45	25.84 -3.26 0.60	24.74 -3.04 0.00	26.01 -3.35 1.33	25.05 -2.90 0.00	25.05 -3.54 3.58	18.74 -4.34 10.60	14.94 -3.73 9.79	10.32 -3.34 9.88	7.02 -2.42 7.21	4.66 -1.42 4.22	6.87 -2.49 7.61	7.01 -3.12 11.82	12.89 -4.44 13.20	106.23 -18.10 16.23	186.15 -28.78 13.87	51.17 -11.94 22.89	17.79 -6.68 22.15	25.64 -6.31 15.81	29.43 -4.66 3.15
ONEIDA_HERK_LFGE 323681	38.38 -0.18 0.00	36.03 -0.18 0.00	33.57 -0.17 0.00	31.44 -0.16 0.00	29.48 -0.22 0.00	27.70 -0.08 0.00	30.69 -0.01 0.00	27.84 -0.11 0.00	32.21 0.04 0.00	33.82 0.13 0.00	28.36 -0.11 0.00	23.38 -0.15 0.00	16.44 -0.20 0.00	10.14 -0.15 0.00	16.86 -0.11 0.00	21.82 -0.12 0.00	30.37 -0.15 0.00	142.77 2.20 0.00	233.15 4.35 0.00	87.13 1.14 0.00	46.85 0.23 0.00	47.57 -0.19 0.00	37.07 -0.17 0.00
ONEIDA__115KV_TB4 55905	38.80 0.24 0.00	36.44 0.23 0.00	33.98 0.24 0.00	31.86 0.27 0.00	29.88 0.17 0.00	28.02 0.24 0.00	31.04 0.34 0.00	28.26 0.31 0.00	32.61 0.43 0.00	34.15 0.45 0.00	28.78 0.31 0.00	23.77 0.23 0.00	16.72 0.07 0.00	10.26 -0.03 0.00	16.94 -0.02 0.00	21.91 -0.04 0.00	30.63 0.10 0.00	143.01 2.44 0.00	233.71 4.91 0.00	87.45 1.45 0.00	47.26 0.65 0.00	48.25 0.50 0.00	37.56 0.32 0.00
ONONDAGA_REF_OCCRA 23987	37.77 -0.79 0.00	35.47 -0.74 0.00	33.10 -0.63 0.00	31.04 -0.55 0.00	29.15 -0.55 0.00	27.29 -0.49 0.00	30.25 -0.46 0.00	27.56 -0.39 0.00	31.73 -0.45 0.00	33.17 -0.52 0.00	28.05 -0.41 0.00	23.14 -0.39 0.00	16.31 -0.34 0.00	10.07 -0.22 0.00	16.57 -0.39 0.00	21.47 -0.47 0.00	29.98 -0.55 0.00	138.81 -1.76 0.00	226.58 -2.22 0.00	85.38 -1.08 -0.46	45.97 -0.65 0.00	47.30 -0.64 -0.19	36.74 -0.50 0.00
ONONDAGA__COGEN 23986	37.72 -0.84 0.00	35.43 -0.78 0.00	33.04 -0.70 0.00	30.98 -0.62 0.00	29.09 -0.61 0.00	27.24 -0.54 0.00	30.39 -0.30 0.00	27.71 -0.24 0.00	31.90 -0.27 0.00	33.31 -0.38 0.00	28.16 -0.30 0.00	23.19 -0.34 0.00	16.31 -0.33 0.01	10.07 -0.21 0.00	16.10 -0.40 0.46	21.02 -0.46 0.47	29.90 -0.54 0.09	138.55 -2.02 0.00	225.95 -2.84 0.00	84.39 -1.33 0.27	42.39 -0.74 3.48	46.08 -0.71 0.98	36.54 -0.53 0.17
ONTARIO__LFGE 23819	37.34 -1.33 -0.10	35.70 -1.28 -0.77	34.65 -1.16 -2.07	32.98 -1.01 -2.40	29.03 -1.00 -0.33	26.92 -0.86 0.00	30.69 -0.75 -0.74	27.26 -0.69 0.00	33.32 -0.84 -1.99	38.31 -1.26 -5.88	32.83 -1.06 -5.43	28.05 -0.96 -5.48	19.78 -0.83 -3.96	12.09 -0.54 -2.34	17.63 -0.98 -1.66	23.70 -1.20 -2.96	34.77 -1.45 -5.69	144.04 -5.31 -8.78	229.16 -7.13 -7.50	78.54 -3.31 4.15	30.30 -1.96 14.36	42.72 -2.04 3.00	34.75 -1.42 1.07
ORANGEVILLE_WT_PWR 323706	33.83 -4.03 0.69	27.10 -3.82 5.29	16.09 -3.39 14.24	12.00 -3.08 16.52	24.44 -3.02 2.25	25.07 -2.71 0.00	22.78 -2.96 4.97	25.27 -2.68 0.00	15.64 -3.18 13.35	-9.48 -3.65 39.51	-11.14 -3.13 36.47	-16.00 -2.74 36.80	-12.23 -2.07 26.81	-6.68 -1.26 15.71	-10.18 -2.24 24.90	-15.87 -2.75 35.07	-15.86 -3.75 42.64	65.17 -15.10 60.31	154.59 -22.68 51.52	17.12 -9.40 59.47	-5.32 -5.37 46.56	0.19 -5.33 42.24	25.38 -4.27 7.59
ORANGEVILLE__ESR 323794	33.83 -4.03 0.69	27.10 -3.82 5.29	16.09 -3.39 14.24	12.00 -3.08 16.52	24.44 -3.02 2.25	25.07 -2.71 0.00	22.78 -2.96 4.97	25.27 -2.68 0.00	15.64 -3.18 13.35	-9.48 -3.65 39.51	-11.14 -3.13 36.47	-16.00 -2.74 36.80	-12.23 -2.07 26.81	-6.68 -1.26 15.71	-10.18 -2.24 24.90	-15.87 -2.75 35.07	-15.86 -3.75 42.64	65.17 -15.10 60.31	154.59 -22.68 51.52	17.12 -9.40 59.47	-5.32 -5.37 46.56	0.19 -5.33 42.24	25.38 -4.27 7.59
OSWEGATCHIE__HYD 24044	37.87 -0.69 0.00	35.54 -0.67 0.00	33.02 -0.72 0.00	30.89 -0.71 0.00	29.01 -0.69 0.00	27.29 -0.50 0.00	30.27 -0.43 0.00	27.45 -0.50 0.00	31.66 -0.51 0.00	33.09 -0.60 0.00	27.64 -0.83 0.00	22.70 -0.83 0.00	15.98 -0.67 0.00	9.88 -0.41 0.00	16.42 -0.54 0.00	21.27 -0.68 0.00	29.50 -1.03 0.00	140.20 -0.37 0.00	229.12 0.32 0.00	85.58 -0.42 0.00	45.78 -0.84 0.00	46.42 -1.34 0.00	36.24 -1.00 0.00
OSWEGO__5 23606	37.16 -1.40 0.00	34.88 -1.32 0.00	32.52 -1.21 0.00	30.49 -1.11 0.00	28.65 -1.06 0.00	26.81 -0.97 0.00	29.63 -1.08 0.00	26.98 -0.97 0.00	31.05 -1.12 0.00	32.47 -1.22 0.00	27.44 -1.02 0.00	22.68 -0.86 0.00	16.02 -0.63 0.00	9.90 -0.39 0.00	16.30 -0.66 0.00	21.11 -0.84 0.00	29.42 -1.11 0.00	136.07 -4.50 0.00	221.91 -6.89 0.00	83.33 -2.66 0.00	45.17 -1.45 0.00	46.36 -1.40 0.00	36.16 -1.08 0.00

OSWEGO___6 23613	37.16 -1.40 0.00	34.88 -1.32 0.00	32.52 -1.21 0.00	30.49 -1.11 0.00	28.65 -1.06 0.00	26.81 -0.97 0.00	29.63 -1.08 0.00	26.98 -0.97 0.00	31.05 -1.12 0.00	32.47 -1.22 0.00	27.44 -1.02 0.00	22.68 -0.86 0.00	16.02 -0.63 0.00	9.90 -0.39 0.00	16.30 -0.66 0.00	21.11 -0.84 0.00	29.42 -1.11 0.00	136.07 -4.50 0.00	221.91 -6.89 0.00	83.33 -2.66 0.00	45.17 -1.45 0.00	46.36 -1.40 0.00	36.16 -1.08 0.00
OUTOKUMPU-AB___DRP 24206	34.73 -3.63 0.19	31.39 -3.34 1.47	26.74 -3.04 3.96	24.22 -2.79 4.59	26.38 -2.70 0.62	25.29 -2.50 0.00	26.54 -2.79 1.38	25.55 -2.40 0.00	25.56 -2.91 3.70	19.15 -3.61 10.93	15.23 -3.14 10.09	10.50 -2.85 10.18	7.11 -2.10 7.43	4.71 -1.23 4.35	6.94 -2.18 7.84	6.97 -2.69 12.29	13.01 -3.79 13.73	108.63 -15.19 16.75	190.82 -23.67 14.31	52.42 -10.08 23.50	18.27 -5.66 22.68	26.30 -5.25 16.21	30.06 -3.95 3.23
OXBOW___BTM 323836	34.34 -4.03 0.19	31.04 -3.72 1.45	26.44 -3.40 3.89	23.96 -3.12 4.52	26.07 -3.01 0.61	24.97 -2.81 0.00	26.26 -3.09 1.36	25.25 -2.70 0.00	25.28 -3.26 3.64	18.97 -3.95 10.77	15.12 -3.40 9.94	10.49 -3.01 10.03	7.08 -2.25 7.32	4.67 -1.33 4.28	6.89 -2.35 7.73	7.03 -2.86 12.06	13.05 -4.01 13.46	107.44 -16.64 16.49	188.65 -26.06 14.09	51.83 -10.97 23.19	17.58 -6.19 22.84	25.98 -5.77 16.01	29.56 -4.35 3.34
OXBOW___ 24026	34.34 -4.04 0.19	31.03 -3.73 1.45	26.42 -3.41 3.89	23.93 -3.15 4.52	26.06 -3.03 0.61	24.97 -2.81 0.00	26.23 -3.11 1.36	25.25 -2.70 0.00	25.26 -3.28 3.64	18.90 -4.02 10.77	15.05 -3.47 9.94	10.37 -3.13 10.03	7.04 -2.28 7.32	4.66 -1.34 4.28	6.88 -2.36 7.73	6.96 -2.93 12.06	12.91 -4.15 13.46	107.29 -16.78 16.49	188.24 -26.47 14.09	51.69 -11.11 23.19	17.97 -6.22 22.42	25.91 -5.84 16.01	29.70 -4.35 3.19
OXY_CHEM_DSASP 323612	34.03 -4.35 0.19	30.77 -4.01 1.42	26.20 -3.70 3.83	23.74 -3.41 4.45	25.84 -3.26 0.60	24.74 -3.04 0.00	26.01 -3.35 1.33	25.05 -2.90 0.00	25.05 -3.54 3.58	18.74 -4.34 10.60	14.94 -3.73 9.79	10.32 -3.34 9.88	7.02 -2.42 7.21	4.66 -1.42 4.22	6.87 -2.49 7.61	7.01 -3.12 11.82	12.89 -4.44 13.20	106.23 -18.10 16.23	186.15 -28.78 13.87	51.17 -11.94 22.89	17.79 -6.68 22.15	25.64 -6.31 15.81	29.43 -4.66 3.15
OZONE_PARK_ESR 323760	41.45 2.89 0.00	38.77 2.56 0.00	36.15 2.42 0.00	33.85 2.25 0.00	31.91 2.21 0.00	29.77 1.99 0.00	32.79 2.09 0.00	29.87 1.92 0.00	34.49 2.32 0.00	36.33 2.64 0.00	30.83 2.37 0.00	25.56 2.02 0.00	18.06 1.41 0.00	11.23 0.94 0.00	18.62 1.66 0.00	24.15 2.20 0.00	33.26 2.73 0.00	149.97 9.40 0.00	243.57 14.77 0.00	91.63 5.64 0.00	49.80 3.18 0.00	50.93 3.18 0.00	39.63 2.39 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.03 -4.35 0.19	30.77 -4.01 1.42	26.20 -3.70 3.83	23.74 -3.41 4.45	25.84 -3.26 0.60	24.74 -3.04 0.00	26.01 -3.35 1.33	25.05 -2.90 0.00	25.05 -3.54 3.58	18.74 -4.34 10.60	14.94 -3.73 9.79	10.32 -3.34 9.88	7.02 -2.42 7.21	4.66 -1.42 4.22	6.87 -2.49 7.61	7.01 -3.12 11.82	12.89 -4.44 13.20	106.23 -18.10 16.23	186.15 -28.78 13.87	51.17 -11.94 22.89	17.79 -6.68 22.15	25.64 -6.31 15.81	29.43 -4.66 3.15
PACKARD___115KV_DUPONT_184 80571	34.03 -4.34 0.19	30.78 -4.01 1.42	26.22 -3.68 3.83	23.76 -3.38 4.45	25.85 -3.25 0.60	24.74 -3.04 0.00	26.04 -3.34 1.33	25.05 -2.90 0.00	25.07 -3.52 3.58	18.80 -4.28 10.60	15.01 -3.67 9.79	10.44 -3.22 9.88	7.05 -2.38 7.21	4.66 -1.41 4.22	6.88 -2.47 7.61	7.08 -3.04 11.82	13.04 -4.29 13.20	106.44 -17.90 16.23	186.55 -28.38 13.87	51.30 -11.81 22.89	17.40 -6.64 22.57	25.70 -6.25 15.81	29.30 -4.64 3.30
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.16 2.60 0.00	38.51 2.31 0.00	35.89 2.16 0.00	33.62 2.03 0.00	31.72 2.02 0.00	29.58 1.80 0.00	32.57 1.87 0.00	29.68 1.73 0.00	34.18 2.01 0.00	36.07 2.38 0.00	30.64 2.18 0.00	25.41 1.87 0.00	17.96 1.31 0.00	11.16 0.87 0.00	18.49 1.53 0.00	23.97 2.02 0.00	32.96 2.44 0.00	148.70 8.13 0.00	241.55 12.75 0.00	91.05 5.05 0.00	49.56 2.94 0.00	50.66 2.90 0.00	39.44 2.20 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.26 3.70 0.00	39.56 3.35 0.00	36.88 3.14 0.00	34.59 3.00 0.00	32.63 2.93 0.00	30.45 2.66 0.00	33.52 2.82 0.00	30.53 2.58 0.00	35.16 2.99 0.00	37.08 3.39 0.00	31.46 2.99 0.00	26.07 2.54 0.00	18.43 1.78 0.00	11.45 1.16 0.00	18.98 2.01 0.00	24.60 2.65 0.00	33.84 3.31 0.00	152.86 12.29 0.00	248.32 19.52 0.00	93.52 7.52 0.00	50.86 4.24 0.00	51.97 4.22 0.00	40.47 3.22 0.00
PATROON___115KV_TB1 80586	40.12 1.56 0.00	37.63 1.42 0.00	35.09 1.36 0.00	32.86 1.27 0.00	30.88 1.19 0.00	28.87 1.09 0.00	31.86 1.16 0.00	28.98 1.04 0.00	33.39 1.21 0.00	35.10 1.41 0.00	29.64 1.18 0.00	24.53 1.00 0.00	17.39 0.75 0.00	10.72 0.44 0.00	17.70 0.74 0.00	22.90 0.95 0.00	31.84 1.32 0.00	145.68 5.11 0.00	236.38 7.58 0.00	89.18 3.18 0.00	48.43 1.82 0.00	49.54 1.78 0.00	38.59 1.35 0.00
PATRSNVILLE___SOLAR 323815	39.62 1.06 0.00	37.20 0.99 0.00	34.67 0.94 0.00	32.46 0.87 0.00	30.52 0.82 0.00	28.54 0.75 0.00	31.53 0.82 0.00	28.66 0.71 0.00	32.98 0.81 0.00	34.40 0.71 0.00	28.93 0.46 0.00	23.85 0.32 0.00	16.83 0.18 0.00	10.38 0.09 0.00	17.12 0.16 0.00	22.20 0.25 0.00	31.11 0.58 0.00	144.35 3.78 0.00	235.22 6.42 0.00	88.54 2.54 0.00	47.96 1.35 0.00	49.03 1.28 0.00	38.19 0.94 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.93 -2.43 0.20	32.49 -2.21 1.51	27.71 -1.97 4.05	25.16 -1.74 4.70	27.33 -1.74 0.64	26.20 -1.58 0.00	27.56 -1.73 1.41	26.46 -1.49 0.00	26.52 -1.86 3.79	20.03 -2.45 11.21	15.98 -2.13 10.35	11.09 -2.00 10.45	7.52 -1.50 7.63	4.97 -0.86 4.46	7.27 -1.56 8.13	7.71 -1.90 12.34	14.14 -2.67 13.71	113.21 -10.20 17.17	198.95 -15.18 14.67	53.80 -7.00 25.20	18.30 -3.97 24.35	26.84 -3.71 17.21	31.01 -2.75 3.47
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.05 2.49 0.00	38.43 2.23 0.00	35.84 2.11 0.00	33.55 1.95 0.00	31.60 1.90 0.00	29.51 1.73 0.00	32.54 1.84 0.00	29.62 1.67 0.00	34.17 2.00 0.00	35.97 2.28 0.00	30.48 2.01 0.00	25.23 1.70 0.00	17.87 1.23 0.00	11.09 0.80 0.00	18.37 1.41 0.00	23.82 1.88 0.00	32.89 2.37 0.00	148.90 8.33 0.00	241.85 13.05 0.00	90.99 5.00 0.00	49.37 2.76 0.00	50.49 2.73 0.00	39.27 2.03 0.00
PEEKSKILL___ 23653	40.68 2.12 0.00	38.08 1.87 0.00	35.53 1.79 0.00	33.27 1.67 0.00	31.36 1.65 0.00	29.24 1.46 0.00	32.22 1.51 0.00	29.33 1.38 0.00	33.83 1.65 0.00	35.62 1.93 0.00	30.21 1.75 0.00	25.04 1.50 0.00	17.70 1.05 0.00	11.00 0.72 0.00	18.23 1.27 0.00	23.63 1.69 0.00	32.58 2.05 0.00	147.25 6.68 0.00	239.10 10.30 0.00	90.00 4.00 0.00	48.86 2.25 0.00	50.00 2.24 0.00	38.94 1.69 0.00

PGE MADISON___WINDPWR 24146	38.42 -0.17 -0.03	36.21 -0.22 -0.23	34.30 -0.05 -0.61	32.38 0.07 -0.71	30.12 0.32 -0.10	28.31 0.53 0.00	31.94 1.02 -0.22	29.24 1.29 0.00	34.04 1.29 -0.59	36.90 1.47 -1.74	31.40 1.33 -1.60	25.84 0.69 -1.62	18.15 0.32 -1.18	11.06 0.08 -0.69	18.36 0.09 -1.30	23.60 -0.04 -1.69	32.84 0.47 -1.84	150.06 6.89 -2.60	243.92 12.90 -2.23	94.99 2.76 -6.23	52.30 1.23 -4.46	52.48 0.96 -3.76	38.57 0.73 -0.60
PIERCEFIELD___HYD 23852	38.67 0.11 0.00	36.37 0.16 0.00	33.73 -0.01 0.00	31.51 -0.09 0.00	29.66 -0.04 0.00	27.86 0.07 0.00	30.87 0.17 0.00	28.10 0.15 0.00	32.25 0.08 0.00	33.59 -0.11 0.00	28.16 -0.31 0.00	23.19 -0.35 0.00	16.41 -0.24 0.00	10.13 -0.16 0.00	16.68 -0.28 0.00	21.59 -0.35 0.00	30.07 -0.45 0.00	140.92 0.35 0.00	230.23 1.43 0.00	86.19 0.19 0.00	46.44 -0.17 0.00	47.40 -0.36 0.00	37.07 -0.18 0.00
PINELAWN_CC_1 323563	41.37 2.81 0.00	38.65 2.44 0.00	36.03 2.29 0.00	33.74 2.15 0.00	31.81 2.11 0.00	29.66 1.88 0.00	32.46 1.76 0.00	29.63 1.68 0.00	34.37 2.20 0.00	36.43 2.74 0.00	30.89 2.43 0.00	25.54 2.00 0.00	18.01 1.36 0.00	11.13 0.85 0.00	18.61 1.64 0.00	24.19 2.24 0.00	33.42 2.89 0.00	149.57 9.00 0.00	242.21 13.41 0.00	91.56 5.57 0.00	49.79 3.17 0.00	50.98 3.22 0.00	39.78 2.54 0.00
PJM_GEN_HTP_PROXY 323702	41.07 2.51 0.00	38.42 2.21 0.00	35.83 2.09 0.00	33.55 1.96 0.00	31.62 1.92 0.00	29.51 1.73 0.00	32.50 1.80 0.00	29.61 1.66 0.00	34.16 1.99 0.00	35.99 2.30 0.00	30.54 2.08 0.00	25.31 1.78 0.00	17.90 1.25 0.00	11.12 0.84 0.00	18.45 1.49 0.00	23.91 1.97 0.00	32.93 2.40 0.00	148.53 7.96 0.00	241.03 12.23 0.00	91.34 4.76 -0.58	49.30 2.69 0.00	50.46 2.71 0.00	39.28 2.04 0.00
PJM_GEN_KEystone 24065	38.15 -0.37 0.05	35.50 -0.35 0.36	32.55 -0.21 0.97	30.35 -0.12 1.12	29.41 -0.14 0.15	27.59 -0.19 0.00	30.09 -0.28 0.34	27.67 -0.28 0.00	30.94 -0.33 0.90	30.57 -0.45 2.67	25.70 -0.30 2.47	20.81 -0.24 2.49	14.61 -0.22 1.82	9.16 -0.06 1.06	14.60 -0.12 2.24	18.38 -0.12 3.45	26.62 -0.35 3.55	134.02 -2.45 4.10	221.46 -3.84 3.50	75.28 -2.04 8.67	35.97 -1.23 9.42	40.80 -1.11 5.85	34.95 -0.85 1.45
PJM_GEN_NEPTUNE_PROXY 323594	40.87 2.31 0.00	38.21 2.01 0.00	35.64 1.90 0.00	33.37 1.77 0.00	31.46 1.76 0.00	29.34 1.55 0.00	32.15 1.45 0.00	29.32 1.37 0.00	33.96 1.78 0.00	35.94 2.25 0.00	30.49 2.02 0.00	25.24 1.71 0.00	17.81 1.17 0.00	11.03 0.75 0.00	18.39 1.43 0.00	23.89 1.94 0.00	32.97 2.44 0.00	147.50 6.92 0.00	238.85 10.05 0.00	90.98 4.40 -0.58	49.12 2.50 0.00	50.30 2.54 0.00	39.23 1.99 0.00
PJM_GEN_VFT_PROXY 323633	40.99 2.43 0.00	38.34 2.13 0.00	35.76 2.03 0.00	33.49 1.90 0.00	31.57 1.87 0.00	29.45 1.67 0.00	32.42 1.72 0.00	29.54 1.59 0.00	34.08 1.91 0.00	35.90 2.21 0.00	30.47 2.01 0.00	25.25 1.72 0.00	17.85 1.21 0.00	11.10 0.82 0.00	18.42 1.46 0.00	23.88 1.93 0.00	32.86 2.33 0.00	148.03 7.46 0.00	240.33 11.53 0.00	91.05 4.46 -0.58	49.15 2.53 0.00	50.30 2.54 0.00	39.17 1.93 0.00
PLATSBURG_115KV_PMLD1 355749	38.63 0.07 0.00	36.45 0.25 0.00	33.64 -0.09 0.00	31.41 -0.18 0.00	29.57 -0.13 0.00	27.69 -0.09 0.00	30.59 -0.11 0.00	27.83 -0.12 0.00	31.93 -0.24 0.00	33.54 -0.15 0.00	28.18 -0.28 0.00	23.23 -0.30 0.00	16.48 -0.17 0.00	10.10 -0.19 0.00	16.61 -0.35 0.00	21.53 -0.42 0.00	30.18 -0.34 0.00	140.33 -0.24 0.00	228.58 -0.22 0.00	85.61 -0.38 0.00	46.22 -0.39 0.00	47.19 -0.57 0.00	36.84 -0.41 0.00
PLEASANTVLY___LBMP 24000	40.49 1.93 0.00	37.92 1.71 0.00	35.37 1.64 0.00	33.10 1.51 0.00	31.19 1.49 0.00	29.11 1.33 0.00	32.10 1.40 0.00	29.21 1.26 0.00	33.68 1.52 0.00	35.47 1.78 0.00	30.05 1.59 0.00	24.92 1.39 0.00	17.64 0.99 0.00	10.94 0.66 0.00	18.12 1.17 0.00	23.48 1.53 0.00	32.38 1.85 0.00	146.59 6.02 0.00	237.92 9.12 0.00	89.61 3.61 0.00	48.65 2.04 0.00	49.78 2.02 0.00	38.74 1.50 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.92 2.36 0.00	38.32 2.11 0.00	35.73 1.99 0.00	33.45 1.86 0.00	31.51 1.81 0.00	29.42 1.63 0.00	32.42 1.72 0.00	29.51 1.56 0.00	34.05 1.88 0.00	35.86 2.17 0.00	30.40 1.94 0.00	25.20 1.67 0.00	17.81 1.16 0.00	11.07 0.78 0.00	18.34 1.38 0.00	23.78 1.83 0.00	32.79 2.26 0.00	148.22 7.65 0.00	240.68 11.88 0.00	90.59 4.60 0.00	49.19 2.57 0.00	50.32 2.57 0.00	39.17 1.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.92 2.36 0.00	38.32 2.11 0.00	35.73 1.99 0.00	33.45 1.86 0.00	31.51 1.81 0.00	29.42 1.63 0.00	32.42 1.72 0.00	29.51 1.56 0.00	34.05 1.88 0.00	35.86 2.17 0.00	30.40 1.94 0.00	25.20 1.67 0.00	17.81 1.16 0.00	11.07 0.78 0.00	18.34 1.38 0.00	23.78 1.83 0.00	32.79 2.26 0.00	148.22 7.65 0.00	240.68 11.88 0.00	90.59 4.60 0.00	49.19 2.57 0.00	50.32 2.57 0.00	39.17 1.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.75 2.18 0.00	38.17 1.96 0.00	35.59 1.85 0.00	33.31 1.71 0.00	31.37 1.67 0.00	29.30 1.52 0.00	32.33 1.63 0.00	29.41 1.46 0.00	33.89 1.72 0.00	35.64 1.95 0.00	30.18 1.72 0.00	25.01 1.48 0.00	17.73 1.08 0.00	10.98 0.69 0.00	18.17 1.21 0.00	23.58 1.64 0.00	32.57 2.05 0.00	147.82 7.24 0.00	240.02 11.22 0.00	90.38 4.39 0.00	49.05 2.44 0.00	50.16 2.40 0.00	39.03 1.78 0.00
POLETTI___ 23519	41.09 2.53 0.00	38.43 2.22 0.00	35.85 2.11 0.00	33.57 1.97 0.00	31.65 1.94 0.00	29.53 1.75 0.00	32.52 1.82 0.00	29.62 1.67 0.00	34.18 2.01 0.00	36.01 2.32 0.00	30.56 2.10 0.00	25.34 1.80 0.00	17.91 1.26 0.00	11.14 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.97 2.44 0.00	148.54 7.97 0.00	241.18 12.38 0.00	90.77 4.77 0.00	49.32 2.71 0.00	50.47 2.71 0.00	39.29 2.04 0.00
POMONA___ESR 323819	40.65 2.09 0.00	38.05 1.84 0.00	35.52 1.79 0.00	33.27 1.67 0.00	31.33 1.63 0.00	29.22 1.44 0.00	32.19 1.48 0.00	29.30 1.35 0.00	33.79 1.62 0.00	35.58 1.88 0.00	30.17 1.71 0.00	25.00 1.47 0.00	17.67 1.03 0.00	10.99 0.70 0.00	18.21 1.25 0.00	23.60 1.66 0.00	32.53 2.01 0.00	147.15 6.58 0.00	239.09 10.29 0.00	89.92 3.93 0.00	48.80 2.18 0.00	49.95 2.19 0.00	38.89 1.65 0.00
PORT_JEFF_3 23555	41.32 2.76 0.00	38.59 2.38 0.00	35.97 2.23 0.00	33.68 2.09 0.00	31.78 2.08 0.00	29.61 1.82 0.00	32.33 1.62 0.00	29.54 1.59 0.00	34.30 2.14 0.00	36.43 2.74 0.00	30.89 2.43 0.00	25.54 2.01 0.00	18.02 1.37 0.00	11.11 0.82 0.00	18.59 1.63 0.00	24.22 2.27 0.00	33.46 2.93 0.00	149.43 8.86 0.00	242.05 13.25 0.00	91.38 5.39 0.00	49.73 3.11 0.00	50.96 3.20 0.00	39.83 2.59 0.00

PORT_JEFF_4 23616	41.32 2.76 0.00	38.59 2.38 0.00	35.97 2.23 0.00	33.68 2.09 0.00	31.78 2.08 0.00	29.61 1.82 0.00	32.33 1.62 0.00	29.54 1.59 0.00	34.30 2.14 0.00	36.43 2.74 0.00	30.89 2.43 0.00	25.54 2.01 0.00	18.02 1.37 0.00	11.11 0.82 0.00	18.59 1.63 0.00	24.22 2.27 0.00	33.46 2.93 0.00	149.43 8.86 0.00	242.05 13.25 0.00	91.38 5.39 0.00	49.73 3.11 0.00	50.96 3.20 0.00	39.83 2.59 0.00
PORT_JEFF_IC 23713	41.34 2.78 0.00	38.61 2.41 0.00	35.99 2.26 0.00	33.71 2.12 0.00	31.81 2.11 0.00	29.62 1.83 0.00	32.33 1.63 0.00	29.55 1.59 0.00	34.34 2.17 0.00	36.47 2.77 0.00	30.91 2.45 0.00	25.57 2.04 0.00	18.04 1.39 0.00	11.12 0.83 0.00	18.61 1.64 0.00	24.25 2.30 0.00	33.52 2.99 0.00	149.70 9.13 0.00	242.52 13.73 0.00	91.50 5.50 0.00	49.79 3.18 0.00	51.01 3.25 0.00	39.87 2.63 0.00
PPL_PILGRIM_ST_GT1 24216	41.49 2.93 0.00	38.76 2.55 0.00	36.12 2.39 0.00	33.82 2.23 0.00	31.90 2.20 0.00	29.74 1.96 0.00	32.51 1.81 0.00	29.68 1.74 0.00	34.44 2.27 0.00	36.56 2.87 0.00	31.00 2.54 0.00	25.65 2.11 0.00	18.08 1.43 0.00	11.16 0.88 0.00	18.67 1.71 0.00	24.30 2.35 0.00	33.56 3.03 0.00	149.97 9.40 0.00	242.81 14.01 0.00	91.67 5.67 0.00	49.91 3.30 0.00	51.14 3.38 0.00	39.93 2.69 0.00
PPL_PILGRIM_ST_GT2 24217	41.49 2.93 0.00	38.76 2.55 0.00	36.12 2.39 0.00	33.82 2.23 0.00	31.90 2.20 0.00	29.74 1.96 0.00	32.51 1.81 0.00	29.68 1.74 0.00	34.44 2.27 0.00	36.56 2.87 0.00	31.00 2.54 0.00	25.65 2.11 0.00	18.08 1.43 0.00	11.16 0.88 0.00	18.67 1.71 0.00	24.30 2.35 0.00	33.56 3.03 0.00	149.97 9.40 0.00	242.81 14.01 0.00	91.67 5.67 0.00	49.91 3.30 0.00	51.14 3.38 0.00	39.93 2.69 0.00
PPL_SHRM_GT3 24213	41.31 2.75 0.00	38.58 2.37 0.00	35.97 2.24 0.00	33.68 2.09 0.00	31.81 2.11 0.00	29.55 1.77 0.00	32.12 1.42 0.00	29.40 1.45 0.00	34.26 2.09 0.00	36.48 2.79 0.00	30.91 2.45 0.00	25.56 2.03 0.00	18.03 1.38 0.00	11.09 0.80 0.00	18.57 1.61 0.00	24.24 2.29 0.00	33.50 2.98 0.00	149.59 9.02 0.00	242.43 13.63 0.00	91.21 5.22 0.00	49.65 3.04 0.00	50.93 3.17 0.00	39.99 2.75 0.00
PPL_SHRM_GT4 24214	41.31 2.75 0.00	38.58 2.37 0.00	35.97 2.24 0.00	33.68 2.09 0.00	31.81 2.11 0.00	29.55 1.77 0.00	32.12 1.42 0.00	29.40 1.45 0.00	34.26 2.09 0.00	36.48 2.79 0.00	30.91 2.45 0.00	25.56 2.03 0.00	18.03 1.38 0.00	11.09 0.80 0.00	18.57 1.61 0.00	24.24 2.29 0.00	33.50 2.98 0.00	149.59 9.02 0.00	242.43 13.63 0.00	91.21 5.22 0.00	49.65 3.04 0.00	50.93 3.17 0.00	39.99 2.75 0.00
PROJECT__ORANGE 1 24174	37.56 -1.00 0.00	35.25 -0.95 0.00	32.88 -0.86 0.00	30.83 -0.76 0.00	28.95 -0.75 0.00	27.11 -0.68 0.00	30.02 -0.68 0.00	27.34 -0.61 0.00	31.47 -0.70 0.00	32.91 -0.78 0.00	27.82 -0.65 0.00	22.98 -0.55 0.00	16.20 -0.44 0.00	10.01 -0.28 0.00	16.47 -0.49 0.00	21.34 -0.60 0.00	29.77 -0.75 0.00	137.79 -2.78 0.00	224.61 -4.18 0.00	84.24 -1.76 0.00	45.64 -0.97 0.00	46.82 -0.93 0.00	36.53 -0.72 0.00
PROJECT__ORANGE 2 24166	37.56 -1.00 0.00	35.25 -0.95 0.00	32.88 -0.86 0.00	30.83 -0.76 0.00	28.95 -0.75 0.00	27.11 -0.68 0.00	30.02 -0.68 0.00	27.34 -0.61 0.00	31.47 -0.70 0.00	32.91 -0.78 0.00	27.82 -0.65 0.00	22.98 -0.55 0.00	16.20 -0.44 0.00	10.01 -0.28 0.00	16.47 -0.49 0.00	21.34 -0.60 0.00	29.77 -0.75 0.00	137.79 -2.78 0.00	224.61 -4.18 0.00	84.24 -1.76 0.00	45.64 -0.97 0.00	46.82 -0.93 0.00	36.53 -0.72 0.00
PUCKETT__SOLAR 323809	38.30 -0.26 0.00	35.96 -0.25 0.00	33.55 -0.18 0.00	31.50 -0.09 0.00	29.57 -0.12 0.00	27.70 -0.08 0.00	30.71 0.01 0.00	28.00 0.05 0.00	32.16 -0.02 0.00	33.52 -0.17 0.00	28.28 -0.19 0.00	23.24 -0.30 0.00	16.38 -0.29 0.00	10.13 -0.15 0.00	18.40 -0.29 -1.73	23.00 -0.42 -1.48	30.19 -0.38 -0.05	140.86 0.29 0.00	230.00 1.20 0.00	95.24 -0.15 -9.39	65.24 -0.16 -18.79	54.72 -0.30 -7.26	38.94 -0.29 -1.99
PYRITES__HYD 24023	39.37 0.81 0.00	37.03 0.82 0.00	34.34 0.60 0.00	32.07 0.48 0.00	30.19 0.48 0.00	28.37 0.59 0.00	31.45 0.75 0.00	28.60 0.65 0.00	32.76 0.59 0.00	34.02 0.33 0.00	28.44 -0.02 0.00	23.40 -0.14 0.00	16.61 -0.04 0.00	10.27 -0.02 0.00	16.89 -0.07 0.00	21.78 -0.17 0.00	30.35 -0.17 0.00	143.39 2.81 0.00	234.70 5.90 0.00	87.85 1.86 0.00	47.35 0.73 0.00	48.33 0.57 0.00	37.74 0.50 0.00
QUAKERRD_115KV_BK1 80622	35.92 -2.64 0.00	33.73 -2.47 0.00	31.44 -2.29 0.00	29.48 -2.12 0.00	27.69 -2.01 0.00	25.94 -1.84 0.00	28.75 -1.95 0.00	26.25 -1.70 0.00	30.17 -2.00 0.00	31.35 -2.34 0.00	26.45 -2.01 0.00	21.75 -1.78 0.00	15.31 -1.32 0.01	9.45 -0.84 0.00	14.56 -1.45 0.95	19.58 -1.77 0.60	28.43 -2.30 -0.19	131.66 -8.91 0.00	215.13 -13.67 0.00	74.25 -5.73 6.01	33.57 -3.24 9.80	40.36 -3.18 4.22	33.77 -2.42 1.05
QUEENSBRY_115KV_TB8 356137	40.12 1.55 0.00	37.62 1.41 0.00	35.06 1.33 0.00	32.87 1.28 0.00	30.89 1.19 0.00	29.01 1.22 0.00	32.11 1.41 0.00	29.20 1.25 0.00	33.62 1.44 0.00	35.12 1.43 0.00	29.45 0.99 0.00	24.35 0.82 0.00	17.22 0.58 0.00	10.53 0.24 0.00	17.37 0.41 0.00	22.67 0.73 0.00	31.90 1.38 0.00	147.64 7.07 0.00	239.66 10.86 0.00	90.29 4.30 0.00	48.89 2.27 0.00	49.88 2.12 0.00	38.65 1.41 0.00
RAMAPO__LBMP 323565	40.47 1.91 0.00	37.88 1.67 0.00	35.36 1.63 0.00	33.13 1.53 0.00	31.21 1.51 0.00	29.10 1.32 0.00	32.05 1.35 0.00	29.17 1.22 0.00	33.63 1.46 0.00	35.40 1.71 0.00	30.03 1.57 0.00	24.89 1.36 0.00	17.59 0.94 0.00	10.94 0.65 0.00	18.11 1.15 0.00	23.49 1.54 0.00	32.38 1.85 0.00	146.50 5.93 0.00	237.95 9.15 0.00	89.50 3.51 0.00	48.58 1.97 0.00	49.71 1.95 0.00	38.72 1.48 0.00
RANKINE____ 23646	35.10 -3.23 0.22	31.49 -3.00 1.72	26.42 -2.69 4.62	23.80 -2.43 5.36	26.59 -2.38 0.73	25.60 -2.18 0.00	26.71 -2.38 1.61	25.91 -2.04 0.00	25.32 -2.53 4.32	17.73 -3.17 12.79	13.89 -2.77 11.80	9.09 -2.53 11.91	6.08 -1.88 8.69	4.11 -1.09 5.09	5.98 -1.95 9.03	5.93 -2.40 13.62	11.83 -3.33 15.37	107.92 -13.08 19.57	192.17 -19.91 16.72	50.48 -8.82 26.70	16.42 -5.00 25.19	24.65 -4.71 18.40	30.06 -3.54 3.64
RAVENSWOOD_GT2_1 24244	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.57 2.10 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.96 2.43 0.00	148.57 8.00 0.00	241.20 12.40 0.00	90.82 4.82 0.00	49.34 2.72 0.00	50.49 2.74 0.00	39.31 2.07 0.00

RAVENSWOOD_GT2_2 24245	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.57 2.10 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.96 2.43 0.00	148.57 8.00 0.00	241.20 12.40 0.00	90.82 4.82 0.00	49.34 2.72 0.00	50.49 2.74 0.00	39.31 2.07 0.00
RAVENSWOOD_GT2_3 24246	41.11 2.56 0.00	38.46 2.26 0.00	35.88 2.15 0.00	33.59 2.00 0.00	31.68 1.97 0.00	29.55 1.76 0.00	32.54 1.84 0.00	29.65 1.70 0.00	34.20 2.03 0.00	36.03 2.34 0.00	30.57 2.11 0.00	25.35 1.82 0.00	17.92 1.28 0.00	11.14 0.85 0.00	18.46 1.50 0.00	23.94 2.00 0.00	32.97 2.45 0.00	148.60 8.03 0.00	241.29 12.49 0.00	90.85 4.86 0.00	49.36 2.75 0.00	50.51 2.75 0.00	39.33 2.08 0.00
RAVENSWOOD_GT2_4 24247	41.11 2.56 0.00	38.46 2.26 0.00	35.88 2.15 0.00	33.59 2.00 0.00	31.68 1.97 0.00	29.55 1.76 0.00	32.54 1.84 0.00	29.65 1.70 0.00	34.20 2.03 0.00	36.03 2.34 0.00	30.57 2.11 0.00	25.35 1.82 0.00	17.92 1.28 0.00	11.14 0.85 0.00	18.46 1.50 0.00	23.94 2.00 0.00	32.97 2.45 0.00	148.60 8.03 0.00	241.29 12.49 0.00	90.85 4.86 0.00	49.36 2.75 0.00	50.51 2.75 0.00	39.33 2.08 0.00
RAVENSWOOD_GT3_1 24248	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.57 2.10 0.00	25.34 1.80 0.00	17.92 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.96 2.43 0.00	148.57 8.00 0.00	241.20 12.40 0.00	90.82 4.82 0.00	49.34 2.72 0.00	50.49 2.74 0.00	39.31 2.07 0.00
RAVENSWOOD_GT3_2 24249	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.57 2.10 0.00	25.34 1.80 0.00	17.92 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.96 2.43 0.00	148.57 8.00 0.00	241.20 12.40 0.00	90.82 4.82 0.00	49.34 2.72 0.00	50.49 2.74 0.00	39.31 2.07 0.00
RAVENSWOOD_GT3_3 24250	41.15 2.59 0.00	38.50 2.29 0.00	35.91 2.17 0.00	33.62 2.02 0.00	31.69 1.99 0.00	29.58 1.79 0.00	32.57 1.87 0.00	29.67 1.72 0.00	34.23 2.06 0.00	36.06 2.37 0.00	30.60 2.13 0.00	25.37 1.84 0.00	17.94 1.29 0.00	11.15 0.86 0.00	18.48 1.52 0.00	23.97 2.02 0.00	33.00 2.48 0.00	148.77 8.20 0.00	241.52 12.72 0.00	90.94 4.95 0.00	49.41 2.80 0.00	50.56 2.80 0.00	39.36 2.11 0.00
RAVENSWOOD_GT3_4 24251	41.15 2.59 0.00	38.50 2.29 0.00	35.91 2.17 0.00	33.62 2.02 0.00	31.69 1.99 0.00	29.58 1.79 0.00	32.57 1.87 0.00	29.67 1.72 0.00	34.23 2.06 0.00	36.06 2.37 0.00	30.60 2.13 0.00	25.37 1.84 0.00	17.94 1.29 0.00	11.15 0.86 0.00	18.48 1.52 0.00	23.97 2.02 0.00	33.00 2.48 0.00	148.77 8.20 0.00	241.52 12.72 0.00	90.94 4.95 0.00	49.41 2.80 0.00	50.56 2.80 0.00	39.36 2.11 0.00
RAVENSWOOD_GT_1 23729	41.22 2.66 0.00	38.55 2.34 0.00	35.94 2.20 0.00	33.65 2.06 0.00	31.73 2.03 0.00	29.60 1.82 0.00	32.60 1.90 0.00	29.69 1.74 0.00	34.25 2.08 0.00	36.10 2.41 0.00	30.64 2.18 0.00	25.44 1.91 0.00	17.98 1.34 0.00	11.18 0.89 -0.01	18.51 1.55 0.00	23.99 2.05 0.00	33.02 2.49 0.00	148.75 8.18 0.00	241.37 12.57 0.00	91.04 5.05 0.00	49.51 2.89 0.00	50.69 2.93 0.00	39.45 2.21 0.00
RAVENSWOOD_GT_10 24258	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.56 2.10 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.96 2.43 0.00	148.57 8.00 0.00	241.20 12.40 0.00	90.82 4.82 0.00	49.34 2.72 0.00	50.49 2.74 0.00	39.31 2.06 0.00
RAVENSWOOD_GT_11 24259	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.56 2.10 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.96 2.43 0.00	148.57 8.00 0.00	241.20 12.40 0.00	90.82 4.82 0.00	49.34 2.72 0.00	50.49 2.74 0.00	39.31 2.06 0.00
RAVENSWOOD_GT_4 24252	41.11 2.56 0.00	38.47 2.26 0.00	35.87 2.14 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.55 1.76 0.00	32.54 1.83 0.00	29.64 1.69 0.00	34.19 2.02 0.00	36.03 2.34 0.00	30.57 2.11 0.00	25.36 1.83 0.00	17.93 1.28 0.00	11.15 0.86 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.44 0.00	148.59 8.01 0.00	241.21 12.41 0.00	90.86 4.86 0.00	49.38 2.77 0.00	50.54 2.78 0.00	39.34 2.09 0.00
RAVENSWOOD_GT_5 24254	41.11 2.56 0.00	38.47 2.26 0.00	35.87 2.14 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.55 1.76 0.00	32.54 1.83 0.00	29.64 1.69 0.00	34.19 2.02 0.00	36.03 2.34 0.00	30.57 2.11 0.00	25.36 1.83 0.00	17.93 1.28 0.00	11.15 0.86 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.44 0.00	148.59 8.01 0.00	241.21 12.41 0.00	90.86 4.86 0.00	49.38 2.77 0.00	50.54 2.78 0.00	39.34 2.09 0.00
RAVENSWOOD_GT_6 24253	41.11 2.56 0.00	38.47 2.26 0.00	35.87 2.14 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.55 1.76 0.00	32.54 1.83 0.00	29.64 1.69 0.00	34.19 2.02 0.00	36.03 2.34 0.00	30.57 2.11 0.00	25.36 1.83 0.00	17.93 1.28 0.00	11.15 0.86 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.44 0.00	148.59 8.01 0.00	241.21 12.41 0.00	90.86 4.86 0.00	49.38 2.77 0.00	50.54 2.78 0.00	39.34 2.09 0.00
RAVENSWOOD_GT_7 24255	41.11 2.56 0.00	38.47 2.26 0.00	35.87 2.14 0.00	33.58 1.99 0.00	31.66 1.96 0.00	29.55 1.76 0.00	32.54 1.83 0.00	29.64 1.69 0.00	34.19 2.02 0.00	36.03 2.34 0.00	30.57 2.11 0.00	25.36 1.83 0.00	17.93 1.28 0.00	11.15 0.86 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.96 2.44 0.00	148.59 8.01 0.00	241.21 12.41 0.00	90.86 4.86 0.00	49.38 2.77 0.00	50.54 2.78 0.00	39.34 2.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.56 2.10 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.96 2.43 0.00	148.57 8.00 0.00	241.20 12.40 0.00	90.82 4.82 0.00	49.34 2.72 0.00	50.49 2.74 0.00	39.31 2.06 0.00

RAVENSWOOD_GT_9 24257	41.10 2.55 0.00	38.45 2.25 0.00	35.86 2.13 0.00	33.58 1.99 0.00	31.66 1.95 0.00	29.54 1.75 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.56 2.10 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.96 2.43 0.00	148.57 8.00 0.00	241.20 12.40 0.00	90.82 4.82 0.00	49.34 2.72 0.00	50.49 2.74 0.00	39.31 2.06 0.00
RAVENSWOOD___1 23533	41.16 2.60 0.00	38.50 2.29 0.00	35.89 2.16 0.00	33.60 2.00 0.00	31.68 1.98 0.00	29.57 1.78 0.00	32.54 1.84 0.00	29.66 1.71 0.00	34.21 2.04 0.00	36.06 2.37 0.00	30.60 2.14 0.00	25.40 1.87 0.00	17.96 1.32 0.00	11.17 0.88 0.00	18.50 1.54 0.00	23.97 2.02 0.00	32.97 2.45 0.00	148.59 8.02 0.00	241.19 12.39 0.00	90.96 4.97 0.00	49.46 2.84 0.00	50.62 2.86 0.00	39.41 2.16 0.00
RAVENSWOOD___2 23534	41.16 2.60 0.00	38.50 2.29 0.00	35.89 2.16 0.00	33.60 2.00 0.00	31.68 1.98 0.00	29.57 1.78 0.00	32.54 1.84 0.00	29.66 1.71 0.00	34.21 2.04 0.00	36.06 2.37 0.00	30.60 2.14 0.00	25.40 1.87 0.00	17.96 1.32 0.00	11.17 0.88 0.00	18.50 1.54 0.00	23.97 2.02 0.00	32.97 2.45 0.00	148.59 8.02 0.00	241.19 12.39 0.00	90.96 4.97 0.00	49.46 2.84 0.00	50.62 2.86 0.00	39.41 2.16 0.00
RAVENSWOOD___3 23535	41.10 2.55 0.00	38.46 2.25 0.00	35.87 2.13 0.00	33.58 1.99 0.00	31.65 1.95 0.00	29.54 1.76 0.00	32.53 1.83 0.00	29.64 1.69 0.00	34.18 2.01 0.00	36.02 2.33 0.00	30.56 2.10 0.00	25.34 1.80 0.00	17.91 1.27 0.00	11.13 0.85 0.00	18.46 1.50 0.00	23.94 1.99 0.00	32.95 2.42 0.00	148.56 7.99 0.00	241.17 12.37 0.00	90.80 4.81 0.00	49.34 2.73 0.00	50.49 2.74 0.00	39.31 2.07 0.00
RAVENSWOOD___4 23820	41.16 2.60 0.00	38.50 2.29 0.00	35.89 2.16 0.00	33.60 2.00 0.00	31.68 1.98 0.00	29.57 1.78 0.00	32.54 1.84 0.00	29.66 1.71 0.00	34.21 2.04 0.00	36.06 2.37 0.00	30.60 2.14 0.00	25.40 1.87 0.00	17.96 1.32 0.00	11.17 0.88 0.00	18.50 1.54 0.00	23.97 2.02 0.00	32.97 2.45 0.00	148.59 8.02 0.00	241.19 12.39 0.00	90.96 4.97 0.00	49.46 2.84 0.00	50.62 2.86 0.00	39.41 2.16 0.00
RCPI_TRUST___DRP 24196	41.07 2.51 0.00	38.42 2.22 0.00	35.84 2.11 0.00	33.55 1.96 0.00	31.63 1.93 0.00	29.52 1.74 0.00	32.51 1.81 0.00	29.62 1.67 0.00	34.17 2.00 0.00	36.00 2.31 0.00	30.55 2.08 0.00	25.32 1.79 0.00	17.90 1.26 0.00	11.13 0.84 0.00	18.45 1.48 0.00	23.92 1.97 0.00	32.95 2.43 0.00	148.56 7.99 0.00	241.17 12.37 0.00	90.77 4.77 0.00	49.31 2.70 0.00	50.46 2.71 0.00	39.28 2.04 0.00
RED___ROCHESTER 323720	36.74 -1.82 0.00	34.50 -1.71 0.00	32.16 -1.58 0.00	30.14 -1.46 0.00	28.31 -1.39 0.00	26.52 -1.26 0.00	29.40 -1.30 0.00	26.84 -1.11 0.00	30.86 -1.32 0.00	32.04 -1.65 0.00	27.02 -1.44 0.00	22.22 -1.31 0.00	15.61 -1.03 0.01	9.63 -0.66 0.00	14.78 -1.16 1.02	20.13 -1.34 0.48	29.28 -1.64 -0.39	134.92 -5.65 0.00	220.57 -8.23 0.00	75.52 -3.83 6.64	33.52 -2.26 10.84	41.00 -2.14 4.62	34.38 -1.65 1.21
REGAN___SOLAR 323812	40.19 1.63 0.00	37.72 1.51 0.00	35.16 1.42 0.00	32.89 1.30 0.00	30.91 1.21 0.00	28.93 1.15 0.00	32.00 1.30 0.00	29.10 1.16 0.00	33.33 1.16 0.00	34.58 0.89 0.00	28.79 0.33 0.00	23.50 -0.04 0.00	16.39 -0.25 0.00	10.07 -0.22 0.00	16.68 -0.28 0.00	21.70 -0.25 0.00	30.85 0.32 0.00	146.61 6.04 0.00	240.37 11.57 0.00	90.34 4.35 0.00	48.79 2.18 0.00	49.79 2.03 0.00	38.76 1.52 0.00
RENSSELAER___COGEN 23796	39.96 1.40 0.00	37.48 1.27 0.00	34.95 1.22 0.00	32.74 1.15 0.00	30.77 1.07 0.00	28.76 0.98 0.00	31.74 1.03 0.00	28.87 0.92 0.00	33.25 1.08 0.00	34.96 1.27 0.00	29.52 1.06 0.00	24.46 0.92 0.00	17.33 0.69 0.00	10.69 0.41 0.00	17.65 0.69 0.00	22.82 0.87 0.00	31.69 1.17 0.00	144.93 4.36 0.00	235.10 6.30 0.00	88.74 2.75 0.00	48.20 1.59 0.00	49.31 1.55 0.00	38.42 1.18 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.11 2.55 0.00	38.54 2.33 0.00	35.82 2.08 0.00	33.64 2.05 0.00	31.64 1.94 0.00	29.90 2.11 0.00	33.32 2.62 0.00	30.20 2.25 0.00	34.72 2.55 0.00	35.99 2.30 0.00	29.88 1.41 0.00	24.82 1.29 0.00	17.55 0.90 0.00	10.68 0.39 0.00	17.60 0.64 0.00	23.24 1.29 0.00	32.89 2.36 0.00	153.28 12.71 0.00	248.62 19.82 0.00	93.78 7.78 0.00	50.68 4.06 0.00	51.64 3.88 0.00	39.50 2.26 0.00
REVERE_CPPR_DRP 24186	39.03 0.47 0.00	36.65 0.45 0.00	34.16 0.42 0.00	32.01 0.42 0.00	29.99 0.29 0.00	28.17 0.38 0.00	31.21 0.51 0.00	28.38 0.43 0.00	32.79 0.62 0.00	34.35 0.66 0.00	28.89 0.42 0.00	23.85 0.32 0.00	16.75 0.11 0.00	10.28 -0.01 0.00	17.00 0.04 0.00	22.01 0.06 0.00	30.79 0.26 0.00	144.67 4.10 0.00	236.46 7.66 0.00	88.34 2.34 0.00	47.63 1.02 0.00	48.51 0.75 0.00	37.75 0.50 0.00
REYNLDDPA_13_KV_LD 356490	38.91 0.35 0.00	36.59 0.38 0.00	33.99 0.25 0.00	31.77 0.17 0.00	29.92 0.22 0.00	28.06 0.27 0.00	31.06 0.35 0.00	28.30 0.35 0.00	32.47 0.30 0.00	33.84 0.15 0.00	28.48 0.02 0.00	23.50 -0.04 0.00	16.64 -0.01 0.00	10.27 -0.02 0.00	16.88 -0.08 0.00	21.88 -0.07 0.00	30.51 -0.02 0.00	140.96 0.39 0.00	229.46 0.66 0.00	85.97 -0.02 0.00	46.43 -0.18 0.00	47.67 -0.08 0.00	37.35 0.11 0.00
REYNOLDS_115KV_TB3 80639	39.93 1.37 0.00	37.44 1.24 0.00	34.92 1.18 0.00	32.71 1.12 0.00	30.74 1.04 0.00	28.74 0.95 0.00	31.70 1.00 0.00	28.83 0.88 0.00	33.21 1.04 0.00	34.94 1.25 0.00	29.51 1.05 0.00	24.46 0.92 0.00	17.34 0.70 0.00	10.70 0.41 0.00	17.65 0.69 0.00	22.83 0.88 0.00	31.68 1.16 0.00	144.67 4.10 0.00	234.54 5.74 0.00	88.61 2.61 0.00	48.14 1.53 0.00	49.25 1.49 0.00	38.37 1.13 0.00
RIVERBAY____ 323610	42.26 3.70 0.00	39.56 3.35 0.00	36.88 3.14 0.00	34.59 3.00 0.00	32.63 2.93 0.00	30.45 2.66 0.00	33.52 2.82 0.00	30.53 2.58 0.00	35.16 2.99 0.00	37.08 3.39 0.00	31.46 2.99 0.00	26.07 2.54 0.00	18.43 1.78 0.00	11.45 1.16 0.00	18.98 2.01 0.00	24.60 2.65 0.00	33.84 3.31 0.00	152.86 12.29 0.00	248.32 19.52 0.00	93.52 7.52 0.00	50.86 4.24 0.00	51.97 4.22 0.00	40.47 3.22 0.00
RIVERSDE_115KV_TB3 55908	39.99 1.43 0.00	37.51 1.30 0.00	34.97 1.23 0.00	32.77 1.17 0.00	30.79 1.10 0.00	28.78 1.00 0.00	31.75 1.05 0.00	28.88 0.93 0.00	33.27 1.10 0.00	34.99 1.30 0.00	29.55 1.09 0.00	24.48 0.95 0.00	17.36 0.71 0.00	10.70 0.42 0.00	17.66 0.70 0.00	22.85 0.90 0.00	31.73 1.21 0.00	145.03 4.46 0.00	235.19 6.39 0.00	88.79 2.80 0.00	48.24 1.62 0.00	49.35 1.59 0.00	38.44 1.20 0.00

ROARING___BROOK_WT_PWR 323790	36.69 -1.87 0.00	34.44 -1.77 0.00	32.12 -1.62 0.00	30.10 -1.49 0.00	28.24 -1.47 0.00	26.37 -1.42 0.00	29.17 -1.53 0.00	26.55 -1.40 0.00	30.90 -1.27 0.00	32.62 -1.07 0.00	27.50 -0.96 0.00	22.68 -0.86 0.00	16.01 -0.63 0.00	9.93 -0.36 0.00	16.51 -0.45 0.00	21.33 -0.62 0.00	29.57 -0.96 0.00	136.81 -3.76 0.00	222.74 -6.06 0.00	83.31 -2.68 0.00	45.14 -1.47 0.00	46.11 -1.65 0.00	35.97 -1.28 0.00
ROCHESRG_115KV_T4 355643	36.36 -2.21 0.00	34.14 -2.06 0.00	31.83 -1.90 0.00	29.83 -1.76 0.00	28.03 -1.67 0.00	26.26 -1.52 0.00	29.08 -1.62 0.00	26.56 -1.39 0.00	30.50 -1.67 0.00	31.65 -2.04 0.00	26.68 -1.78 0.00	21.93 -1.60 0.01	15.43 -1.20 0.00	9.54 -0.75 0.00	14.66 -1.31 0.99	19.85 -1.58 0.51	28.79 -2.06 -0.33	132.89 -7.68 0.00	217.28 -11.52 0.00	74.49 -5.03 6.48	33.37 -2.88 10.37	40.51 -2.75 4.50	34.04 -2.08 1.12
ROCHESTER_9_IC 23652	36.58 -1.98 0.00	34.35 -1.86 0.00	32.02 -1.71 0.00	30.01 -1.59 0.00	28.19 -1.51 0.00	26.42 -1.36 0.00	29.27 -1.43 0.00	26.73 -1.22 0.00	30.71 -1.46 0.00	31.86 -1.83 0.00	26.87 -1.60 0.00	22.07 -1.46 0.00	15.52 -1.11 0.01	9.59 -0.70 0.00	14.71 -1.23 1.03	20.01 -1.47 0.47	29.07 -1.85 -0.39	134.01 -6.57 0.00	219.11 -9.69 0.00	74.97 -4.37 6.65	33.42 -2.53 10.67	40.72 -2.41 4.63	34.25 -1.84 1.15
ROCKVIEW_13_KV_LD 356306	41.07 2.51 0.00	38.42 2.22 0.00	35.83 2.10 0.00	33.55 1.95 0.00	31.62 1.92 0.00	29.50 1.72 0.00	32.50 1.80 0.00	29.60 1.65 0.00	34.15 1.98 0.00	35.98 2.29 0.00	30.52 2.05 0.00	25.29 1.76 0.00	17.88 1.24 0.00	11.12 0.83 0.00	18.43 1.47 0.00	23.89 1.94 0.00	32.94 2.41 0.00	148.67 8.10 0.00	241.34 12.54 0.00	90.83 4.84 0.00	49.32 2.71 0.00	50.48 2.72 0.00	39.29 2.05 0.00
ROME____115KV_TB2 80656	39.03 0.47 0.00	36.65 0.45 0.00	34.16 0.42 0.00	32.01 0.42 0.00	29.99 0.29 0.00	28.17 0.38 0.00	31.21 0.51 0.00	28.38 0.43 0.00	32.79 0.62 0.00	34.35 0.66 0.00	28.89 0.42 0.00	23.85 0.32 0.00	16.75 0.11 0.00	10.28 -0.01 0.00	17.00 0.04 0.00	22.01 0.06 0.00	30.79 0.26 0.00	144.67 4.10 0.00	236.46 7.66 0.00	88.34 2.34 0.00	47.63 1.02 0.00	48.51 0.75 0.00	37.75 0.50 0.00
ROSETON___1 23587	40.38 1.82 0.00	37.81 1.61 0.00	35.28 1.55 0.00	33.02 1.43 0.00	31.11 1.41 0.00	29.04 1.25 0.00	32.01 1.31 0.00	29.13 1.18 0.00	33.59 1.42 0.00	35.35 1.66 0.00	29.95 1.49 0.00	24.82 1.29 0.00	17.58 0.93 0.00	10.91 0.62 0.00	18.06 1.10 0.00	23.39 1.44 0.00	32.26 1.74 0.00	146.23 5.66 0.00	237.43 8.63 0.00	89.38 3.38 0.00	48.53 1.92 0.00	49.66 1.90 0.00	38.66 1.42 0.00
ROSETON___2 23588	40.38 1.82 0.00	37.81 1.61 0.00	35.28 1.55 0.00	33.02 1.43 0.00	31.11 1.41 0.00	29.04 1.25 0.00	32.01 1.31 0.00	29.13 1.18 0.00	33.59 1.42 0.00	35.35 1.66 0.00	29.95 1.49 0.00	24.82 1.29 0.00	17.58 0.93 0.00	10.91 0.62 0.00	18.06 1.10 0.00	23.39 1.44 0.00	32.26 1.74 0.00	146.23 5.66 0.00	237.43 8.63 0.00	89.38 3.38 0.00	48.53 1.92 0.00	49.66 1.90 0.00	38.66 1.42 0.00
ROTTRDAM_115KV_TB3 80664	39.52 0.96 0.00	37.09 0.89 0.00	34.58 0.84 0.00	32.38 0.79 0.00	30.45 0.75 0.00	28.46 0.68 0.00	31.45 0.75 0.00	28.61 0.66 0.00	32.94 0.77 0.00	34.51 0.82 0.00	29.11 0.65 0.00	24.07 0.54 0.00	17.04 0.39 0.00	10.50 0.22 0.00	17.33 0.37 0.00	22.44 0.49 0.00	31.28 0.75 0.00	144.01 3.44 0.00	234.02 5.22 0.00	88.10 2.11 0.00	47.79 1.18 0.00	48.89 1.13 0.00	38.08 0.84 0.00
RUSSELL___1 23602	36.74 -1.82 0.00	34.49 -1.72 0.00	32.14 -1.59 0.00	30.12 -1.47 0.00	28.30 -1.40 0.00	26.52 -1.26 0.00	29.39 -1.31 0.00	26.85 -1.10 0.00	30.85 -1.32 0.00	32.01 -1.68 0.00	26.99 -1.48 0.00	22.18 -1.36 0.00	15.59 -1.04 0.01	9.63 -0.66 0.00	14.77 -1.17 1.02	20.10 -1.37 0.48	29.22 -1.69 -0.39	134.81 -5.76 0.00	220.45 -8.35 0.00	75.47 -3.89 6.64	33.68 -2.28 10.66	40.97 -2.17 4.62	34.43 -1.66 1.15
RUSSELL___2 23532	36.74 -1.82 0.00	34.49 -1.72 0.00	32.14 -1.59 0.00	30.12 -1.47 0.00	28.30 -1.40 0.00	26.52 -1.26 0.00	29.39 -1.31 0.00	26.85 -1.10 0.00	30.85 -1.32 0.00	32.01 -1.68 0.00	26.99 -1.48 0.00	22.18 -1.36 0.00	15.59 -1.04 0.01	9.63 -0.66 0.00	14.77 -1.17 1.02	20.10 -1.37 0.48	29.22 -1.69 -0.39	134.81 -5.76 0.00	220.45 -8.35 0.00	75.47 -3.89 6.64	33.68 -2.28 10.66	40.97 -2.17 4.62	34.43 -1.66 1.15
RUSSELL___3 23549	36.74 -1.82 0.00	34.49 -1.72 0.00	32.14 -1.59 0.00	30.12 -1.47 0.00	28.30 -1.40 0.00	26.52 -1.26 0.00	29.39 -1.31 0.00	26.85 -1.10 0.00	30.85 -1.32 0.00	32.01 -1.68 0.00	26.99 -1.48 0.00	22.18 -1.36 0.00	15.59 -1.04 0.01	9.63 -0.66 0.00	14.77 -1.17 1.02	20.10 -1.37 0.48	29.22 -1.69 -0.39	134.81 -5.76 0.00	220.45 -8.35 0.00	75.47 -3.89 6.64	33.68 -2.28 10.66	40.97 -2.17 4.62	34.43 -1.66 1.15
RUSSELL___4 23556	36.74 -1.82 0.00	34.49 -1.72 0.00	32.14 -1.59 0.00	30.12 -1.47 0.00	28.30 -1.40 0.00	26.52 -1.26 0.00	29.39 -1.31 0.00	26.85 -1.10 0.00	30.85 -1.32 0.00	32.01 -1.68 0.00	26.99 -1.48 0.00	22.18 -1.36 0.00	15.59 -1.04 0.01	9.63 -0.66 0.00	14.77 -1.17 1.02	20.10 -1.37 0.48	29.22 -1.69 -0.39	134.81 -5.76 0.00	220.45 -8.35 0.00	75.47 -3.89 6.64	33.68 -2.28 10.66	40.97 -2.17 4.62	34.43 -1.66 1.15
RUSSELL___STATION 23914	36.74 -1.82 0.00	34.49 -1.72 0.00	32.14 -1.59 0.00	30.12 -1.47 0.00	28.30 -1.40 0.00	26.52 -1.26 0.00	29.39 -1.31 0.00	26.85 -1.10 0.00	30.85 -1.32 0.00	32.01 -1.68 0.00	26.99 -1.48 0.00	22.18 -1.36 0.00	15.59 -1.04 0.01	9.63 -0.66 0.00	14.77 -1.17 1.02	20.10 -1.37 0.48	29.22 -1.69 -0.39	134.81 -5.76 0.00	220.45 -8.35 0.00	75.47 -3.89 6.64	33.68 -2.28 10.66	40.97 -2.17 4.62	34.43 -1.66 1.15
S SALMON___HYD 24043	36.86 -1.70 0.00	34.50 -1.70 0.00	32.15 -1.58 0.00	30.12 -1.48 0.00	28.25 -1.45 0.00	26.54 -1.24 0.00	29.43 -1.28 0.00	26.73 -1.22 0.00	30.90 -1.27 0.00	32.45 -1.24 0.00	27.20 -1.26 0.00	22.34 -1.19 0.00	15.69 -0.96 0.00	9.71 -0.58 0.00	16.08 -0.88 0.00	20.88 -1.07 0.00	29.03 -1.50 0.00	138.68 -1.89 0.00	226.51 -2.29 0.00	84.69 -1.31 0.00	45.23 -1.38 0.00	45.98 -1.77 0.00	35.81 -1.43 0.00
S.PERRY__115KV_TB1 80734	37.41 -1.84 -0.69	39.65 -1.79 -5.24	46.23 -1.62 -14.12	46.51 -1.45 -16.37	30.48 -1.45 -2.23	26.60 -1.19 0.00	34.44 -1.19 -4.94	26.84 -1.11 0.00	44.08 -1.35 -13.26	71.05 -1.90 -39.26	62.94 -1.76 -36.24	58.54 -1.57 -36.57	41.94 -1.29 -26.58	25.07 -0.83 -15.61	35.39 -1.49 -19.92	48.56 -1.80 -28.41	68.08 -2.19 -39.74	193.52 -6.81 -59.76	272.43 -7.43 -51.06	111.93 -3.34 -29.28	39.38 -2.15 5.09	65.81 -2.18 -20.23	37.71 -1.78 -2.26

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.64 -3.69 0.23	31.06 -3.41 1.73	25.98 -3.10 4.66	23.34 -2.84 5.41	26.22 -2.74 0.74	25.25 -2.54 0.00	26.28 -2.80 1.62	25.54 -2.40 0.00	24.86 -2.95 4.36	17.14 -3.64 12.91	13.38 -3.16 11.91	8.66 -2.86 12.02	5.78 -2.10 8.77	3.93 -1.23 5.13	5.76 -2.17 9.03	5.64 -2.69 13.62	11.32 -3.76 15.45	105.68 -15.14 19.75	188.44 -23.49 16.87	49.70 -10.14 26.16	16.42 -5.71 24.48	24.26 -5.38 18.12	29.68 -4.01 3.55
SAWYER__23_KV_LOAD 55526	34.64 -3.69 0.23	31.06 -3.41 1.73	25.98 -3.10 4.66	23.34 -2.84 5.41	26.22 -2.74 0.74	25.25 -2.54 0.00	26.28 -2.80 1.62	25.54 -2.40 0.00	24.86 -2.95 4.36	17.14 -3.64 12.91	13.38 -3.16 11.91	8.66 -2.86 12.02	5.78 -2.10 8.77	3.93 -1.23 5.13	5.76 -2.17 9.03	5.64 -2.69 13.62	11.32 -3.76 15.45	105.68 -15.14 19.75	188.44 -23.49 16.87	49.70 -10.14 26.16	16.42 -5.71 24.48	24.26 -5.38 18.12	29.68 -4.01 3.55
SELKIRK__I 23801	39.88 1.32 0.00	37.43 1.23 0.00	34.91 1.18 0.00	32.70 1.10 0.00	30.72 1.02 0.00	28.71 0.93 0.00	31.70 1.00 0.00	28.84 0.89 0.00	33.19 1.02 0.00	34.84 1.16 0.00	29.43 0.96 0.00	24.31 0.78 0.00	17.24 0.59 0.00	10.63 0.34 0.00	17.51 0.55 0.00	22.63 0.69 0.00	31.56 1.03 0.00	144.90 4.33 0.00	235.10 6.30 0.00	88.59 2.59 0.00	48.10 1.48 0.00	49.23 1.47 0.00	38.35 1.11 0.00
SELKIRK__II 23799	39.77 1.21 0.00	37.32 1.12 0.00	34.80 1.06 0.00	32.60 1.00 0.00	30.63 0.93 0.00	28.63 0.84 0.00	31.60 0.90 0.00	28.75 0.80 0.00	33.11 0.94 0.00	34.78 1.09 0.00	29.40 0.93 0.00	24.35 0.81 0.00	17.25 0.60 0.00	10.65 0.36 0.00	17.57 0.61 0.00	22.71 0.77 0.00	31.54 1.02 0.00	144.34 3.77 0.00	234.28 5.48 0.00	88.33 2.33 0.00	47.98 1.36 0.00	49.10 1.34 0.00	38.24 1.00 0.00
SENECA OSWGO__HYD 24041	36.91 -1.65 0.00	34.63 -1.58 0.00	32.30 -1.44 0.00	30.25 -1.34 0.00	28.45 -1.25 0.00	26.64 -1.15 0.00	29.47 -1.23 0.00	26.84 -1.11 0.00	30.90 -1.27 0.00	32.34 -1.35 0.00	27.35 -1.12 0.00	22.57 -0.97 0.00	15.93 -0.72 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.24 -1.28 0.00	135.62 -4.95 0.00	221.15 -7.65 0.00	83.08 -2.91 0.00	45.00 -1.61 0.00	46.16 -1.60 0.00	36.01 -1.24 0.00
SENECA__115KV_TB3 355854	35.15 -3.18 0.22	31.56 -2.94 1.72	26.49 -2.63 4.62	23.87 -2.37 5.36	26.65 -2.32 0.73	25.65 -2.14 0.00	26.78 -2.32 1.61	25.94 -2.01 0.00	25.39 -2.46 4.32	17.84 -3.06 12.79	13.99 -2.67 11.80	9.22 -2.40 11.91	6.12 -1.83 8.69	4.13 -1.07 5.09	6.01 -1.92 9.03	6.01 -2.32 13.62	11.97 -3.19 15.37	108.23 -12.77 19.57	192.80 -19.28 16.72	50.72 -8.58 26.70	16.03 -4.93 25.66	24.78 -4.58 18.40	29.96 -3.48 3.80
SENECA__ENERGY 23797	37.31 -1.30 -0.05	35.31 -1.24 -0.35	33.55 -1.14 -0.95	31.69 -1.00 -1.10	28.89 -0.96 -0.15	26.95 -0.84 0.00	30.42 -0.64 -0.36	27.42 -0.53 0.00	32.49 -0.64 -0.96	35.61 -0.94 -2.85	30.31 -0.79 -2.63	25.41 -0.78 -2.66	17.91 -0.65 -1.92	11.00 -0.42 -1.13	16.78 -0.78 -0.60	22.24 -0.93 -1.23	32.03 -1.15 -2.65	140.02 -4.56 -4.01	225.91 -6.31 -3.43	80.96 -2.87 2.16	36.74 -1.65 8.23	44.32 -1.66 1.78	35.38 -1.20 0.66
SHOEMAKER__GT 23640	40.12 1.56 0.00	37.59 1.38 0.00	35.08 1.35 0.00	32.86 1.27 0.00	30.94 1.24 0.00	28.88 1.09 0.00	31.85 1.15 0.00	28.98 1.03 0.00	33.37 1.20 0.00	35.05 1.35 0.00	29.70 1.24 0.00	24.59 1.05 0.00	17.41 0.76 0.00	10.81 0.52 0.00	17.89 0.93 0.00	23.18 1.23 0.00	32.02 1.49 0.00	145.53 4.96 0.00	236.52 7.72 0.00	88.99 3.00 0.00	48.27 1.66 0.00	49.40 1.64 0.00	38.46 1.21 0.00
SHOEMAKR_138KV_BK 111 55601	40.12 1.56 0.00	37.59 1.38 0.00	35.08 1.35 0.00	32.86 1.26 0.00	30.94 1.24 0.00	28.87 1.09 0.00	31.84 1.14 0.00	28.97 1.02 0.00	33.37 1.20 0.00	35.07 1.38 0.00	29.71 1.25 0.00	24.61 1.07 0.00	17.42 0.77 0.00	10.81 0.53 0.00	17.89 0.93 0.00	23.19 1.24 0.00	32.03 1.51 0.00	145.54 4.97 0.00	236.48 7.68 0.00	88.97 2.98 0.00	48.27 1.65 0.00	49.38 1.62 0.00	38.45 1.21 0.00
SHOREHAM_IC_1 23715	41.31 2.75 0.00	38.58 2.37 0.00	35.97 2.24 0.00	33.68 2.09 0.00	31.81 2.11 0.00	29.55 1.77 0.00	32.12 1.42 0.00	29.40 1.45 0.00	34.26 2.09 0.00	36.48 2.79 0.00	30.91 2.45 0.00	25.56 2.03 0.00	18.03 1.38 0.00	11.09 0.80 0.00	18.57 1.61 0.00	24.24 2.29 0.00	33.50 2.98 0.00	149.59 9.02 0.00	242.43 13.63 0.00	91.21 5.22 0.00	49.65 3.04 0.00	50.93 3.17 0.00	39.99 2.75 0.00
SHOREHAM_IC_2 23716	41.31 2.75 0.00	38.58 2.37 0.00	35.97 2.24 0.00	33.68 2.09 0.00	31.81 2.11 0.00	29.55 1.77 0.00	32.12 1.42 0.00	29.40 1.45 0.00	34.26 2.09 0.00	36.48 2.79 0.00	30.91 2.45 0.00	25.56 2.03 0.00	18.03 1.38 0.00	11.09 0.80 0.00	18.57 1.61 0.00	24.24 2.29 0.00	33.50 2.98 0.00	149.59 9.02 0.00	242.43 13.63 0.00	91.21 5.22 0.00	49.65 3.04 0.00	50.93 3.17 0.00	39.99 2.75 0.00
SISSONVILLE__ 23735	38.67 0.11 0.00	36.37 0.16 0.00	33.73 -0.01 0.00	31.51 -0.09 0.00	29.66 -0.04 0.00	27.86 0.07 0.00	30.87 0.17 0.00	28.10 0.15 0.00	32.25 0.08 0.00	33.59 -0.11 0.00	28.16 -0.31 0.00	23.19 -0.35 0.00	16.41 -0.24 0.00	10.13 -0.16 0.00	16.68 -0.28 0.00	21.59 -0.35 0.00	30.07 -0.45 0.00	140.92 0.35 0.00	230.23 1.43 0.00	86.19 0.19 0.00	46.44 -0.17 0.00	47.40 -0.36 0.00	37.07 -0.18 0.00
SITHE_IND_GS1 24169	36.87 -1.69 0.00	34.62 -1.59 0.00	32.26 -1.47 0.00	30.24 -1.35 0.00	28.43 -1.27 0.00	26.60 -1.19 0.00	29.40 -1.30 0.00	26.78 -1.17 0.00	30.81 -1.36 0.00	32.23 -1.46 0.00	27.24 -1.22 0.00	22.52 -1.01 0.00	15.91 -0.73 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.20 -1.33 0.00	134.95 -5.62 0.00	220.09 -8.71 0.00	82.71 -3.29 0.00	44.84 -1.77 0.00	46.04 -1.72 0.00	35.94 -1.30 0.00
SITHE_IND_GS2 24170	36.87 -1.69 0.00	34.62 -1.59 0.00	32.26 -1.47 0.00	30.24 -1.35 0.00	28.43 -1.27 0.00	26.60 -1.19 0.00	29.40 -1.30 0.00	26.78 -1.17 0.00	30.81 -1.36 0.00	32.23 -1.46 0.00	27.24 -1.22 0.00	22.52 -1.01 0.00	15.91 -0.73 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.20 -1.33 0.00	134.95 -5.62 0.00	220.09 -8.71 0.00	82.71 -3.29 0.00	44.84 -1.77 0.00	46.04 -1.72 0.00	35.94 -1.30 0.00
SITHE_IND_GS3 24171	36.87 -1.69 0.00	34.62 -1.59 0.00	32.26 -1.47 0.00	30.24 -1.35 0.00	28.43 -1.27 0.00	26.60 -1.19 0.00	29.40 -1.30 0.00	26.78 -1.17 0.00	30.81 -1.36 0.00	32.23 -1.46 0.00	27.24 -1.22 0.00	22.52 -1.01 0.00	15.91 -0.73 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.20 -1.33 0.00	134.95 -5.62 0.00	220.09 -8.71 0.00	82.71 -3.29 0.00	44.84 -1.77 0.00	46.04 -1.72 0.00	35.94 -1.30 0.00

SITHE_IND_GS4 24172	36.87 -1.69 0.00	34.62 -1.59 0.00	32.26 -1.47 0.00	30.24 -1.35 0.00	28.43 -1.27 0.00	26.60 -1.19 0.00	29.40 -1.30 0.00	26.78 -1.17 0.00	30.81 -1.36 0.00	32.23 -1.46 0.00	27.24 -1.22 0.00	22.52 -1.01 0.00	15.91 -0.73 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.20 -1.33 0.00	134.95 -5.62 0.00	220.09 -8.71 0.00	82.71 -3.29 0.00	44.84 -1.77 0.00	46.04 -1.72 0.00	35.94 -1.30 0.00
SITHE__BATAVIA 24024	35.90 -2.55 0.12	32.97 -2.35 0.89	29.26 -2.09 2.39	26.92 -1.91 2.77	27.46 -1.86 0.38	26.06 -1.72 0.00	27.98 -1.90 0.83	26.32 -1.63 0.00	28.00 -1.95 2.22	24.63 -2.50 6.56	20.08 -2.32 6.06	15.26 -2.16 6.12	10.50 -1.68 4.47	6.60 -1.08 2.61	9.91 -1.91 5.14	4.15 -2.25 15.54	10.97 -3.02 16.54	119.91 -10.57 10.10	205.50 -14.67 8.62	62.98 -6.47 16.54	25.02 -3.71 17.89	33.04 -3.29 11.43	32.09 -2.68 2.47
SITHE__INDEPEND 23800	36.87 -1.69 0.00	34.62 -1.59 0.00	32.26 -1.48 0.00	30.24 -1.35 0.00	28.42 -1.28 0.00	26.60 -1.19 0.00	29.40 -1.30 0.00	26.78 -1.17 0.00	30.81 -1.36 0.00	32.22 -1.47 0.00	27.24 -1.23 0.00	22.53 -1.01 0.00	15.91 -0.73 0.00	9.84 -0.45 0.00	16.19 -0.77 0.00	20.97 -0.98 0.00	29.20 -1.33 0.00	134.95 -5.62 0.00	220.07 -8.73 0.00	82.69 -3.30 0.00	44.83 -1.78 0.00	46.04 -1.72 0.00	35.93 -1.31 0.00
SITHE__MASSENA 23902	38.92 0.36 0.00	36.59 0.38 0.00	33.98 0.24 0.00	31.75 0.16 0.00	29.90 0.20 0.00	28.05 0.27 0.00	31.06 0.35 0.00	28.29 0.34 0.00	32.46 0.28 0.00	33.81 0.12 0.00	28.43 -0.03 0.00	23.45 -0.08 0.00	16.61 -0.04 0.00	10.25 -0.04 0.00	16.85 -0.11 0.00	21.83 -0.11 0.00	30.44 -0.08 0.00	141.24 0.67 0.00	230.36 1.57 0.00	86.37 0.38 0.00	46.71 0.09 0.00	47.81 0.05 0.00	37.40 0.16 0.00
SITHE__OGDNSBRG 24021	39.46 0.90 0.00	37.12 0.92 0.00	34.44 0.71 0.00	32.17 0.58 0.00	30.28 0.58 0.00	28.45 0.67 0.00	31.53 0.83 0.00	28.69 0.74 0.00	32.83 0.66 0.00	34.08 0.39 0.00	28.51 0.05 0.00	23.46 -0.07 0.00	16.66 0.01 0.00	10.30 0.02 0.00	16.95 -0.02 0.00	21.85 -0.10 0.00	30.48 -0.04 0.00	143.46 2.89 0.00	234.90 6.10 0.00	87.88 1.89 0.00	47.42 0.81 0.00	48.45 0.69 0.00	37.85 0.61 0.00
SITHE__STERLING 23777	38.80 0.24 0.00	36.44 0.24 0.00	33.98 0.24 0.00	31.86 0.27 0.00	29.88 0.18 0.00	28.02 0.24 0.00	31.04 0.34 0.00	28.26 0.31 0.00	32.60 0.43 0.00	34.15 0.45 0.00	28.77 0.31 0.00	23.77 0.23 0.00	16.72 0.07 0.00	10.26 -0.03 0.00	16.94 -0.02 0.00	21.91 -0.04 0.00	30.62 0.09 0.00	142.99 2.41 0.00	233.71 4.91 0.00	87.44 1.44 0.00	47.26 0.64 0.00	48.25 0.49 0.00	37.56 0.31 0.00
SLEIGHT__34_KV_TB1 80719	36.77 -1.79 0.00	34.53 -1.67 0.00	32.21 -1.53 0.00	30.18 -1.41 0.00	28.36 -1.34 0.00	26.57 -1.21 0.00	29.53 -1.18 0.00	26.96 -0.99 0.00	30.99 -1.19 0.00	32.22 -1.47 0.00	27.20 -1.27 0.00	22.32 -1.21 0.00	15.68 -0.96 0.01	9.67 -0.62 0.00	14.96 -1.12 0.89	20.01 -1.34 0.60	29.03 -1.63 -0.14	135.06 -5.51 0.00	220.75 -8.05 0.00	77.16 -3.70 5.14	35.67 -2.11 8.83	42.00 -2.06 3.70	34.73 -1.58 0.94
SMITHTWN_69_KV_BK 1 55830	41.41 2.85 0.00	38.68 2.47 0.00	36.05 2.31 0.00	33.76 2.17 0.00	31.85 2.15 0.00	29.67 1.88 0.00	32.40 1.70 0.00	29.60 1.66 0.00	34.41 2.23 0.00	36.53 2.84 0.00	30.97 2.50 0.00	25.60 2.07 0.00	18.06 1.41 0.00	11.14 0.85 0.00	18.64 1.67 0.00	24.29 2.34 0.00	33.58 3.05 0.00	150.02 9.45 0.00	243.05 14.25 0.00	91.71 5.72 0.00	49.90 3.28 0.00	51.11 3.35 0.00	39.92 2.68 0.00
SOUTH CAIRO__GT 23612	41.21 2.65 0.00	38.63 2.42 0.00	36.00 2.26 0.00	33.71 2.12 0.00	31.68 1.98 0.00	29.66 1.88 0.00	32.83 2.13 0.00	29.92 1.97 0.00	34.38 2.21 0.00	36.09 2.40 0.00	30.24 1.78 0.00	25.04 1.51 0.00	17.63 0.98 0.00	10.85 0.57 0.00	17.84 0.88 0.00	23.11 1.17 0.00	32.32 1.80 0.00	149.75 9.18 0.00	243.66 14.87 0.00	92.21 6.22 0.00	50.00 3.38 0.00	51.04 3.28 0.00	39.67 2.42 0.00
SOUTH HAMPTN__IC 23720	41.16 2.60 0.00	38.42 2.22 0.00	35.83 2.10 0.00	33.55 1.96 0.00	31.69 1.98 0.00	29.46 1.68 0.00	32.03 1.33 0.00	29.34 1.39 0.00	34.17 2.00 0.00	36.39 2.69 0.00	30.82 2.35 0.00	25.48 1.94 0.00	17.95 1.30 0.00	11.03 0.75 0.00	18.49 1.53 0.00	24.13 2.18 0.00	33.40 2.87 0.00	149.12 8.55 0.00	241.68 12.88 0.00	91.06 5.07 0.00	49.80 3.19 0.00	51.22 3.46 0.00	40.23 2.99 0.00
SOUTH DOW__115KV_TB1 355954	35.80 -2.62 0.14	32.58 -2.59 1.04	28.99 -1.94 2.80	26.66 -1.68 3.25	27.59 -1.67 0.44	26.33 -1.46 0.00	28.31 -1.42 0.97	26.89 -1.06 0.00	28.02 -1.54 2.62	23.82 -2.14 7.73	19.16 -2.16 7.14	14.34 -1.99 7.20	9.91 -1.47 5.27	6.39 -0.82 3.08	8.95 -1.71 6.30	10.31 -2.09 9.55	18.03 -2.54 9.96	119.50 -9.22 11.86	205.70 -12.97 10.13	56.56 -6.99 22.45	18.17 -4.34 24.10	28.45 -4.10 15.21	30.98 -3.04 3.23
SOUTH DOW__69_KV_BK 2 55809	40.96 2.40 0.00	38.22 2.02 0.00	35.64 1.91 0.00	33.37 1.78 0.00	31.52 1.81 0.00	29.31 1.52 0.00	31.88 1.18 0.00	29.21 1.26 0.00	34.04 1.87 0.00	36.26 2.57 0.00	30.68 2.22 0.00	25.35 1.82 0.00	17.85 1.21 0.00	10.97 0.68 0.00	18.37 1.41 0.00	24.00 2.05 0.00	33.27 2.75 0.00	148.57 7.99 0.00	240.82 12.03 0.00	90.83 4.84 0.00	49.96 3.34 0.00	51.54 3.78 0.00	40.52 3.27 0.00
SOUTH DOW__IC 23719	40.96 2.40 0.00	38.22 2.01 0.00	35.64 1.90 0.00	33.36 1.77 0.00	31.51 1.81 0.00	29.31 1.52 0.00	31.88 1.18 0.00	29.21 1.26 0.00	34.04 1.87 0.00	36.26 2.57 0.00	30.69 2.22 0.00	25.35 1.81 0.00	17.85 1.20 0.00	10.97 0.68 0.00	18.37 1.41 0.00	23.99 2.05 0.00	33.25 2.72 0.00	148.54 7.97 0.00	240.77 11.97 0.00	90.81 4.82 0.00	49.95 3.34 0.00	51.54 3.79 0.00	40.51 3.27 0.00
SOUTH_FORK_WT_PWR 323839	40.36 1.80 0.00	37.66 1.45 0.00	35.11 1.37 0.00	32.87 1.28 0.00	31.04 1.34 0.00	28.88 1.09 0.00	31.39 0.69 0.00	28.78 0.83 0.00	33.53 1.36 0.00	35.73 2.04 0.00	30.25 1.79 0.00	24.99 1.46 0.00	17.60 0.95 0.00	10.80 0.52 0.00	18.11 1.15 0.00	23.65 1.70 0.00	32.79 2.26 0.00	146.36 5.78 0.00	237.25 8.45 0.00	89.55 3.56 0.00	49.54 2.93 0.00	51.31 3.55 0.00	40.41 3.17 0.00
SPIERFLS_115KV_TB 1 80737	39.93 1.37 0.00	37.46 1.25 0.00	34.92 1.18 0.00	32.73 1.13 0.00	30.76 1.06 0.00	28.86 1.07 0.00	31.92 1.22 0.00	29.03 1.08 0.00	33.42 1.25 0.00	34.95 1.26 0.00	29.34 0.88 0.00	24.25 0.72 0.00	17.16 0.51 0.00	10.50 0.21 0.00	17.32 0.36 0.00	22.58 0.63 0.00	31.73 1.21 0.00	146.68 6.11 0.00	238.17 9.37 0.00	89.74 3.74 0.00	48.58 1.97 0.00	49.60 1.84 0.00	38.49 1.24 0.00

ST LAWRENCE____ 23600	38.53 -0.03 0.00	36.23 0.02 0.00	33.65 -0.08 0.00	31.45 -0.15 0.00	29.62 -0.08 0.00	27.76 -0.02 0.00	30.72 0.02 0.00	27.99 0.05 0.00	32.13 -0.04 0.00	33.51 -0.18 0.00	28.22 -0.24 0.00	23.28 -0.25 0.00	16.48 -0.16 0.00	10.17 -0.12 0.00	16.73 -0.23 0.00	21.67 -0.28 0.00	30.22 -0.31 0.00	139.83 -0.75 0.00	227.97 -0.83 0.00	85.54 -0.46 0.00	46.27 -0.34 0.00	47.38 -0.38 0.00	37.04 -0.20 0.00
STATE_CA_115KV_115_LB 55624	40.12 1.56 0.00	37.63 1.42 0.00	35.09 1.36 0.00	32.87 1.27 0.00	30.88 1.19 0.00	28.88 1.09 0.00	31.86 1.16 0.00	28.99 1.04 0.00	33.39 1.22 0.00	35.10 1.41 0.00	29.64 1.18 0.00	24.54 1.00 0.00	17.40 0.75 0.00	10.73 0.44 0.00	17.70 0.74 0.00	22.90 0.96 0.00	31.85 1.33 0.00	145.69 5.12 0.00	236.38 7.58 0.00	89.18 3.19 0.00	48.43 1.82 0.00	49.54 1.78 0.00	38.59 1.35 0.00
STATE_ST_34_KV_LOAD 55959	37.92 -0.64 0.00	35.62 -0.59 0.00	33.22 -0.52 0.00	31.20 -0.40 0.00	29.29 -0.41 0.00	27.45 -0.33 0.00	30.91 0.00 -0.21	28.00 0.05 0.00	32.77 0.04 -0.56	35.22 -0.13 -1.66	29.89 -0.11 -1.53	24.75 -0.33 -1.54	17.42 -0.34 -1.11	10.73 -0.22 -0.66	16.68 -0.44 -0.17	21.98 -0.50 -0.53	30.81 -0.52 -0.81	139.13 -1.44 0.00	227.32 -1.48 0.00	81.96 -1.23 2.80	39.31 -0.58 6.73	44.84 -0.54 2.38	36.16 -0.39 0.69
STATION_5_MISC_HYD 23604	36.58 -1.98 0.00	34.35 -1.85 0.00	32.03 -1.71 0.00	30.03 -1.57 0.00	28.20 -1.51 0.00	26.42 -1.36 0.00	29.28 -1.42 0.00	26.74 -1.21 0.00	30.72 -1.45 0.00	31.89 -1.80 0.00	26.89 -1.57 0.00	22.12 -1.41 0.00	15.54 -1.10 0.01	9.59 -0.70 0.00	14.71 -1.22 1.03	20.04 -1.43 0.47	29.12 -1.80 -0.39	134.09 -6.48 0.00	219.24 -9.56 0.00	75.01 -4.33 6.65	33.25 -2.51 10.85	40.74 -2.39 4.63	34.20 -1.83 1.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.92 -1.64 0.00	34.66 -1.55 0.00	32.32 -1.42 0.00	30.30 -1.29 0.00	28.46 -1.24 0.00	26.68 -1.11 0.00	29.65 -1.05 0.00	27.07 -0.88 0.00	31.11 -1.06 0.00	32.32 -1.37 0.00	27.28 -1.19 0.00	22.42 -1.11 0.00	15.74 -0.89 0.01	9.71 -0.58 0.00	14.89 -1.03 1.04	20.00 -1.22 0.72	29.16 -1.51 -0.14	135.33 -5.24 0.00	221.21 -7.59 0.00	76.18 -3.47 6.35	34.16 -2.01 10.45	41.30 -1.97 4.49	34.65 -1.49 1.10
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.42 -2.14 0.00	34.20 -2.01 0.00	31.88 -1.86 0.00	29.88 -1.72 0.00	28.07 -1.63 0.00	26.30 -1.48 0.00	29.15 -1.55 0.00	26.62 -1.33 0.00	30.58 -1.59 0.00	31.75 -1.94 0.00	26.78 -1.69 0.00	22.00 -1.53 0.00	15.48 -1.15 0.01	9.56 -0.73 0.00	14.68 -1.28 1.00	19.91 -1.53 0.51	28.92 -1.94 -0.34	133.46 -7.11 0.00	218.20 -10.60 0.00	74.84 -4.69 6.46	33.51 -2.69 10.42	40.66 -2.59 4.51	34.15 -1.98 1.12
STA_56____34_KV_BUS2 355983	36.42 -2.14 0.00	34.20 -2.01 0.00	31.88 -1.86 0.00	29.88 -1.72 0.00	28.07 -1.63 0.00	26.30 -1.48 0.00	29.15 -1.55 0.00	26.62 -1.33 0.00	30.58 -1.59 0.00	31.75 -1.94 0.00	26.78 -1.69 0.00	22.00 -1.53 0.00	15.48 -1.15 0.01	9.56 -0.73 0.00	14.68 -1.28 1.00	19.91 -1.53 0.51	28.92 -1.94 -0.34	133.46 -7.11 0.00	218.20 -10.60 0.00	74.84 -4.69 6.46	33.51 -2.69 10.42	40.66 -2.59 4.51	34.15 -1.98 1.12
STA_67____115KV_BK2 355882	36.51 -2.05 0.00	34.30 -1.91 0.00	31.97 -1.76 0.00	29.96 -1.63 0.00	28.15 -1.55 0.00	26.37 -1.41 0.00	29.22 -1.48 0.00	26.69 -1.26 0.00	30.66 -1.51 0.00	31.80 -1.90 0.00	26.81 -1.65 0.00	22.03 -1.50 0.00	15.50 -1.14 0.01	9.57 -0.71 0.00	14.68 -1.26 1.02	19.97 -1.50 0.48	29.00 -1.92 -0.39	133.69 -6.88 0.00	218.65 -10.15 0.00	74.79 -4.55 6.64	33.32 -2.63 10.66	40.63 -2.51 4.62	34.19 -1.91 1.15
STA_7____115KV_9TRANS 80674	36.74 -1.82 0.00	34.49 -1.72 0.00	32.14 -1.59 0.00	30.12 -1.47 0.00	28.30 -1.40 0.00	26.52 -1.26 0.00	29.39 -1.31 0.00	26.85 -1.10 0.00	30.85 -1.32 0.00	32.01 -1.68 0.00	26.99 -1.48 0.00	22.18 -1.36 0.00	15.59 -1.04 0.01	9.63 -0.66 0.00	14.77 -1.17 1.02	20.10 -1.37 0.48	29.22 -1.69 -0.39	134.81 -5.76 0.00	220.45 -8.35 0.00	75.47 -3.89 6.64	33.68 -2.28 10.66	40.97 -2.17 4.62	34.43 -1.66 1.15
STA_82____115KV_TB1 80780	36.48 -2.09 0.00	34.26 -1.94 0.00	31.94 -1.80 0.00	29.94 -1.66 0.00	28.12 -1.58 0.00	26.35 -1.43 0.00	29.20 -1.50 0.00	26.67 -1.28 0.00	30.63 -1.54 0.00	31.78 -1.91 0.00	26.78 -1.68 0.00	22.01 -1.53 0.00	15.48 -1.15 0.01	9.57 -0.72 0.00	14.66 -1.27 1.03	19.96 -1.53 0.46	28.99 -1.95 -0.41	133.55 -7.03 0.00	218.35 -10.45 0.00	74.67 -4.64 6.69	33.19 -2.68 10.75	40.55 -2.55 4.66	34.14 -1.95 1.16
STEEL____WIND 323596	35.09 -3.25 0.22	31.49 -3.00 1.72	26.43 -2.68 4.62	23.82 -2.42 5.36	26.59 -2.38 0.73	25.58 -2.21 0.00	26.73 -2.37 1.61	25.89 -2.06 0.00	25.33 -2.52 4.32	17.78 -3.13 12.79	13.93 -2.73 11.80	9.17 -2.45 11.91	6.09 -1.87 8.69	4.11 -1.09 5.09	5.97 -1.96 9.03	5.97 -2.36 13.62	11.90 -3.25 15.37	107.97 -13.03 19.57	192.36 -19.72 16.72	50.56 -8.74 26.70	15.94 -5.02 25.66	24.68 -4.68 18.40	29.90 -3.54 3.80
STEPHTWN_115KV_BK_2 55603	40.33 1.77 0.00	37.82 1.62 0.00	35.27 1.53 0.00	33.03 1.43 0.00	31.03 1.34 0.00	29.02 1.24 0.00	32.03 1.34 0.00	29.15 1.20 0.00	33.58 1.41 0.00	35.29 1.60 0.00	29.80 1.33 0.00	24.68 1.15 0.00	17.45 0.81 0.00	10.76 0.48 0.00	17.75 0.79 0.00	23.01 1.06 0.00	32.02 1.50 0.00	146.54 5.97 0.00	237.90 9.10 0.00	89.72 3.72 0.00	48.65 2.03 0.00	49.74 1.99 0.00	38.75 1.51 0.00
STEBEN_REC_LFGE 323667	35.50 -3.50 -0.44	36.19 -3.36 -3.35	39.85 -2.91 -9.03	39.32 -2.75 -10.47	28.41 -2.72 -1.42	25.45 -2.33 0.00	31.48 -2.38 -3.16	25.54 -2.41 0.00	37.88 -2.78 -8.49	55.46 -3.35 -25.13	48.97 -2.68 -23.19	44.77 -2.16 -23.40	31.88 -1.75 -16.98	19.14 -1.13 -9.99	25.37 -2.13 -10.55	34.77 -2.70 -15.52	51.77 -3.29 -24.53	167.67 -11.12 -38.22	245.89 -15.57 -32.66	82.18 -7.18 -3.37	15.34 -4.47 26.80	45.39 -4.64 -2.27	32.72 -3.57 0.95
STILLWATER____SOLAR 323814	40.13 1.57 0.00	37.65 1.44 0.00	35.10 1.37 0.00	32.88 1.29 0.00	30.90 1.20 0.00	28.94 1.15 0.00	31.99 1.30 0.00	29.10 1.15 0.00	33.49 1.32 0.00	35.09 1.40 0.00	29.50 1.04 0.00	24.39 0.85 0.00	17.27 0.62 0.00	10.60 0.32 0.00	17.50 0.54 0.00	22.73 0.78 0.00	31.81 1.29 0.00	146.71 6.14 0.00	238.04 9.24 0.00	89.69 3.69 0.00	48.65 2.03 0.00	49.73 1.97 0.00	38.64 1.40 0.00
STONY____BROOK 24151	41.34 2.79 0.00	38.61 2.41 0.00	35.99 2.26 0.00	33.70 2.10 0.00	31.80 2.10 0.00	29.62 1.83 0.00	32.34 1.64 0.00	29.55 1.60 0.00	34.34 2.17 0.00	36.48 2.79 0.00	30.92 2.46 0.00	25.56 2.03 0.00	18.03 1.39 0.00	11.12 0.83 0.00	18.61 1.65 0.00	24.26 2.31 0.00	33.53 3.00 0.00	149.83 9.25 0.00	242.67 13.87 0.00	91.57 5.58 0.00	49.84 3.23 0.00	51.06 3.30 0.00	39.91 2.67 0.00

STURGEON_POOL_HYD 23609	40.46 1.91 0.00	37.91 1.71 0.00	35.35 1.62 0.00	33.10 1.50 0.00	31.15 1.45 0.00	29.09 1.31 0.00	32.09 1.39 0.00	29.19 1.24 0.00	33.64 1.47 0.00	35.35 1.67 0.00	29.98 1.52 0.00	24.89 1.36 0.00	17.63 0.98 0.00	10.93 0.64 0.00	18.09 1.13 0.00	23.44 1.50 0.00	32.34 1.82 0.00	146.61 6.04 0.00	238.15 9.35 0.00	89.69 3.69 0.00	48.68 2.06 0.00	49.78 2.03 0.00	38.75 1.51 0.00
ST_LAW_115_BK7_LBMP 345037	38.56 0.00 0.00	36.26 0.06 0.00	33.67 -0.06 0.00	31.47 -0.13 0.00	29.65 -0.05 0.00	27.79 0.01 0.00	30.75 0.05 0.00	28.02 0.07 0.00	32.15 -0.02 0.00	33.53 -0.16 0.00	28.22 -0.24 0.00	23.28 -0.25 0.00	16.49 -0.16 0.00	10.17 -0.12 0.00	16.73 -0.23 0.00	21.67 -0.28 0.00	30.22 -0.31 0.00	139.87 -0.70 0.00	228.08 -0.72 0.00	85.53 -0.46 0.00	46.27 -0.35 0.00	47.38 -0.38 0.00	37.06 -0.19 0.00
ST_LAW_115_BK8_LBMP 345038	38.56 0.00 0.00	36.26 0.06 0.00	33.67 -0.06 0.00	31.47 -0.13 0.00	29.65 -0.05 0.00	27.79 0.01 0.00	30.75 0.05 0.00	28.02 0.07 0.00	32.15 -0.02 0.00	33.53 -0.16 0.00	28.22 -0.24 0.00	23.28 -0.25 0.00	16.49 -0.16 0.00	10.17 -0.12 0.00	16.73 -0.23 0.00	21.67 -0.28 0.00	30.22 -0.31 0.00	139.87 -0.70 0.00	228.08 -0.72 0.00	85.53 -0.46 0.00	46.27 -0.35 0.00	47.38 -0.38 0.00	37.06 -0.19 0.00
ST_LAW_230_BK5_LBMP 345035	38.53 -0.03 0.00	36.23 0.02 0.00	33.65 -0.08 0.00	31.45 -0.15 0.00	29.62 -0.08 0.00	27.76 -0.02 0.00	30.72 0.02 0.00	27.99 0.05 0.00	32.13 -0.04 0.00	33.51 -0.18 0.00	28.22 -0.24 0.00	23.28 -0.25 0.00	16.48 -0.16 0.00	10.17 -0.12 0.00	16.73 -0.23 0.00	21.67 -0.28 0.00	30.22 -0.31 0.00	139.83 -0.75 0.00	227.97 -0.83 0.00	85.54 -0.46 0.00	46.27 -0.34 0.00	47.38 -0.38 0.00	37.04 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	38.53 -0.03 0.00	36.23 0.02 0.00	33.65 -0.08 0.00	31.45 -0.15 0.00	29.62 -0.08 0.00	27.76 -0.02 0.00	30.72 0.02 0.00	27.99 0.05 0.00	32.13 -0.04 0.00	33.51 -0.18 0.00	28.22 -0.24 0.00	23.28 -0.25 0.00	16.48 -0.16 0.00	10.17 -0.12 0.00	16.73 -0.23 0.00	21.67 -0.28 0.00	30.22 -0.31 0.00	139.83 -0.75 0.00	227.97 -0.83 0.00	85.54 -0.46 0.00	46.27 -0.34 0.00	47.38 -0.38 0.00	37.04 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.34 1.78 0.00	37.78 1.57 0.00	35.26 1.53 0.00	33.02 1.43 0.00	31.10 1.40 0.00	29.01 1.23 0.00	31.98 1.28 0.00	29.10 1.15 0.00	33.54 1.37 0.00	35.28 1.59 0.00	29.92 1.45 0.00	24.78 1.25 0.00	17.53 0.88 0.00	10.90 0.61 0.00	18.03 1.07 0.00	23.38 1.43 0.00	32.26 1.73 0.00	146.20 5.63 0.00	237.56 8.76 0.00	89.37 3.37 0.00	48.49 1.88 0.00	49.61 1.85 0.00	38.63 1.39 0.00
SWANROAD_115KV_TB1 355699	34.06 -4.32 0.18	30.90 -3.94 1.36	26.53 -3.54 3.66	24.08 -3.27 4.25	25.92 -3.20 0.58	24.77 -3.02 0.00	25.87 -3.55 1.27	24.85 -3.10 0.00	25.17 -3.59 3.42	19.48 -4.11 10.10	15.59 -3.54 9.33	10.92 -3.20 9.42	7.40 -2.37 6.88	4.84 -1.42 4.02	7.19 -2.45 7.32	7.18 -2.99 11.77	13.08 -4.37 13.07	106.20 -18.87 15.50	185.80 -29.76 13.24	51.52 -12.34 22.14	18.28 -6.70 21.64	26.51 -6.03 15.23	29.45 -4.73 3.06
SYNERGY___BIOGAS 323694	35.90 -2.54 0.12	32.97 -2.35 0.89	29.23 -2.12 2.39	26.89 -1.94 2.77	27.45 -1.87 0.38	26.06 -1.72 0.00	27.96 -1.92 0.83	26.32 -1.63 0.00	27.98 -1.97 2.22	24.56 -2.57 6.56	20.02 -2.38 6.06	15.17 -2.25 6.12	10.47 -1.71 4.47	6.59 -1.08 2.61	9.91 -1.91 5.14	4.09 -2.31 15.54	10.87 -3.12 16.54	119.75 -10.73 10.10	205.16 -15.01 8.62	62.87 -6.59 16.54	25.31 -3.73 17.58	32.96 -3.37 11.43	32.21 -2.67 2.36
SYRACUSE___ENERGY_ST1 323597	37.72 -0.84 0.00	35.43 -0.78 0.00	33.04 -0.70 0.00	30.98 -0.62 0.00	29.09 -0.61 0.00	27.24 -0.54 0.00	30.39 -0.30 0.00	27.71 -0.24 0.00	31.90 -0.27 0.00	33.31 -0.38 0.00	28.16 -0.30 0.00	23.19 -0.34 0.00	16.31 -0.33 0.01	10.07 -0.21 0.00	16.10 -0.40 0.46	21.02 -0.46 0.47	29.90 -0.54 0.09	138.55 -2.02 0.00	225.95 -2.84 0.00	84.39 -1.33 0.27	42.39 -0.74 3.48	46.08 -0.71 0.98	36.54 -0.53 0.17
SYRACUSE___ENERGY_ST2 323598	37.72 -0.84 0.00	35.43 -0.78 0.00	33.04 -0.70 0.00	30.98 -0.62 0.00	29.09 -0.61 0.00	27.24 -0.54 0.00	30.39 -0.30 0.00	27.71 -0.24 0.00	31.90 -0.27 0.00	33.31 -0.38 0.00	28.16 -0.30 0.00	23.19 -0.34 0.00	16.31 -0.33 0.01	10.07 -0.21 0.00	16.10 -0.40 0.46	21.02 -0.46 0.47	29.90 -0.54 0.09	138.55 -2.02 0.00	225.95 -2.84 0.00	84.39 -1.33 0.27	42.39 -0.74 3.48	46.08 -0.71 0.98	36.54 -0.53 0.17
SYRACUSE___POWER 24017	37.74 -0.82 0.00	35.43 -0.77 0.00	33.06 -0.67 0.00	31.00 -0.59 0.00	29.12 -0.58 0.00	27.26 -0.53 0.00	30.22 -0.49 0.00	27.53 -0.42 0.00	31.69 -0.48 0.00	33.13 -0.56 0.00	28.02 -0.45 0.00	23.12 -0.42 0.00	16.29 -0.36 0.00	10.06 -0.23 0.00	16.55 -0.41 0.00	21.46 -0.49 0.00	29.95 -0.58 0.00	138.65 -1.92 0.00	226.22 -2.58 0.00	85.21 -1.17 -0.38	45.91 -0.70 0.00	47.22 -0.69 -0.16	36.71 -0.53 0.00
TALLMAN__138KV_BK151 55660	40.59 2.03 0.00	37.98 1.78 0.00	35.46 1.73 0.00	33.22 1.62 0.00	31.30 1.60 0.00	29.18 1.40 0.00	32.14 1.43 0.00	29.24 1.29 0.00	33.73 1.56 0.00	35.51 1.82 0.00	30.13 1.66 0.00	24.97 1.43 0.00	17.64 1.00 0.00	10.97 0.69 0.00	18.17 1.21 0.00	23.58 1.63 0.00	32.49 1.96 0.00	146.93 6.36 0.00	238.64 9.84 0.00	89.76 3.77 0.00	48.72 2.11 0.00	49.86 2.10 0.00	38.83 1.59 0.00
TEALLAVE_115KV_TB7 355573	37.53 -1.02 0.00	35.25 -0.96 0.00	32.86 -0.87 0.00	30.82 -0.78 0.00	28.94 -0.76 0.00	27.09 -0.69 0.00	30.01 -0.69 0.00	27.34 -0.61 0.00	31.47 -0.70 0.00	32.90 -0.79 0.00	27.81 -0.65 0.00	22.97 -0.56 0.00	16.20 -0.45 0.00	10.00 -0.42 0.00	16.46 -0.50 0.00	21.33 -0.62 0.00	29.76 -0.77 0.00	137.69 -2.88 0.00	224.58 -4.21 0.00	84.22 -1.77 0.00	45.63 -0.99 0.00	46.80 -0.96 0.00	36.51 -0.73 0.00
TELEGRAPH_34_KV_EAST 80808	35.00 -3.41 0.15	31.96 -3.13 1.12	27.92 -2.81 3.01	25.53 -2.58 3.49	26.71 -2.52 0.48	25.44 -2.35 0.00	26.99 -2.67 1.04	25.64 -2.30 0.00	26.65 -2.72 2.80	22.12 -3.28 8.29	17.92 -2.89 7.66	13.14 -2.66 7.73	9.00 -2.00 5.65	5.77 -1.21 3.30	8.65 -2.13 6.18	8.57 -2.58 10.80	15.13 -3.62 11.78	113.51 -14.32 12.74	196.05 -21.86 10.88	57.43 -9.35 19.21	21.94 -5.17 19.50	29.80 -4.69 13.26	30.88 -3.67 2.69
TEMPLE___115KV_TB 2 55572	37.56 -1.00 0.00	35.25 -0.95 0.00	32.88 -0.86 0.00	30.83 -0.76 0.00	28.95 -0.75 0.00	27.11 -0.68 0.00	30.02 -0.68 0.00	27.34 -0.61 0.00	31.47 -0.70 0.00	32.91 -0.78 0.00	27.82 -0.65 0.00	22.98 -0.55 0.00	16.20 -0.44 0.00	10.01 -0.28 0.00	16.47 -0.49 0.00	21.34 -0.60 0.00	29.77 -0.75 0.00	137.79 -2.78 0.00	224.61 -4.18 0.00	84.24 -1.76 0.00	45.64 -0.97 0.00	46.82 -0.93 0.00	36.53 -0.72 0.00

TIANA___69_KV_BK 1 55817	41.30 2.74 0.00	38.55 2.34 0.00	35.95 2.21 0.00	33.67 2.08 0.00	31.78 2.08 0.00	29.55 1.77 0.00	32.15 1.45 0.00	29.43 1.48 0.00	34.28 2.11 0.00	36.49 2.80 0.00	30.91 2.45 0.00	25.56 2.02 0.00	18.01 1.37 0.00	11.08 0.79 0.00	18.56 1.60 0.00	24.22 2.27 0.00	33.52 3.00 0.00	149.67 9.10 0.00	242.52 13.72 0.00	91.35 5.36 0.00	49.85 3.23 0.00	51.18 3.42 0.00	40.17 2.93 0.00
TILDEN___115KV_TB1 80814	37.74 -0.82 0.00	35.43 -0.77 0.00	33.06 -0.67 0.00	31.00 -0.59 0.00	29.12 -0.58 0.00	27.26 -0.53 0.00	30.22 -0.49 0.00	27.53 -0.42 0.00	31.69 -0.48 0.00	33.13 -0.56 0.00	28.02 -0.45 0.00	23.12 -0.42 0.00	16.29 -0.36 0.00	10.06 -0.23 0.00	16.55 -0.41 0.00	21.46 -0.49 0.00	29.95 -0.58 0.00	138.65 -1.92 0.00	226.22 -2.58 0.00	85.21 -1.17 -0.38	45.91 -0.70 0.00	47.22 -0.69 -0.16	36.71 -0.53 0.00
TRIGEN___CC 323695	41.03 2.47 0.00	38.37 2.16 0.00	35.77 2.04 0.00	33.51 1.92 0.00	31.59 1.89 0.00	29.45 1.67 0.00	32.31 1.61 0.00	29.46 1.51 0.00	34.10 1.93 0.00	36.05 2.36 0.00	30.58 2.11 0.00	25.33 1.80 0.00	17.87 1.23 0.00	11.08 0.80 0.00	18.46 1.50 0.00	23.97 2.02 0.00	33.06 2.53 0.00	148.05 7.48 0.00	239.90 11.10 0.00	90.76 4.77 0.00	49.31 2.69 0.00	50.46 2.70 0.00	39.34 2.10 0.00
TRINITY___115KV___4 BK 55933	39.99 1.43 0.00	37.50 1.30 0.00	34.97 1.23 0.00	32.76 1.17 0.00	30.79 1.10 0.00	28.78 1.00 0.00	31.75 1.05 0.00	28.88 0.94 0.00	33.27 1.10 0.00	34.98 1.29 0.00	29.55 1.08 0.00	24.48 0.95 0.00	17.35 0.70 0.00	10.70 0.42 0.00	17.66 0.70 0.00	22.84 0.89 0.00	31.72 1.20 0.00	145.03 4.46 0.00	235.26 6.46 0.00	88.79 2.80 0.00	48.24 1.62 0.00	49.35 1.59 0.00	38.44 1.20 0.00
UNION___PROCESSING_DRP 323587	36.48 -2.08 0.00	34.26 -1.94 0.00	31.94 -1.80 0.00	29.94 -1.66 0.00	28.13 -1.57 0.00	26.35 -1.43 0.00	29.20 -1.50 0.00	26.67 -1.28 0.00	30.63 -1.54 0.00	31.78 -1.91 0.00	26.78 -1.68 0.00	22.01 -1.53 0.00	15.48 -1.15 0.01	9.57 -0.72 0.00	14.65 -1.27 1.04	19.98 -1.52 0.45	29.01 -1.94 -0.43	133.55 -7.02 0.00	218.42 -10.38 0.00	74.65 -4.64 6.70	33.19 -2.67 10.76	40.54 -2.55 4.66	34.15 -1.94 1.16
UPPER HUDSON___HYD 24058	39.93 1.37 0.00	37.46 1.25 0.00	34.92 1.18 0.00	32.72 1.13 0.00	30.76 1.06 0.00	28.85 1.07 0.00	31.92 1.22 0.00	29.03 1.08 0.00	33.42 1.25 0.00	34.95 1.26 0.00	29.34 0.88 0.00	24.24 0.71 0.00	17.16 0.51 0.00	10.50 0.21 0.00	17.32 0.36 0.00	22.58 0.63 0.00	31.73 1.20 0.00	146.67 6.11 0.00	238.17 9.37 0.00	89.72 3.72 0.00	48.59 1.97 0.00	49.60 1.84 0.00	38.49 1.24 0.00
UPPER RAQUET___HYD 24056	38.67 0.11 0.00	36.37 0.16 0.00	33.73 -0.01 0.00	31.51 -0.09 0.00	29.66 -0.04 0.00	27.86 0.07 0.00	30.88 0.17 0.00	28.10 0.15 0.00	32.25 0.08 0.00	33.59 -0.11 0.00	28.16 -0.31 0.00	23.18 -0.35 0.00	16.41 -0.24 0.00	10.13 -0.16 0.00	16.68 -0.28 0.00	21.59 -0.36 0.00	30.07 -0.46 0.00	140.91 0.34 0.00	230.23 1.44 0.00	86.18 0.19 0.00	46.45 -0.17 0.00	47.40 -0.36 0.00	37.07 -0.18 0.00
VALLEY44_115KV_TB2 355964	36.45 -2.00 0.11	33.69 -1.71 0.81	30.15 -1.40 2.18	27.92 -1.14 2.53	28.13 -1.22 0.35	26.68 -1.10 0.00	28.72 -1.22 0.76	26.82 -1.13 0.00	28.71 -1.43 2.03	25.73 -1.95 6.02	21.25 -1.66 5.55	16.43 -1.50 5.60	11.39 -1.15 4.11	7.25 -0.64 2.40	10.42 -1.21 5.33	12.23 -1.57 8.15	20.14 -2.26 8.13	122.90 -8.43 9.24	208.65 -12.26 7.89	59.11 -5.95 20.94	19.82 -3.51 23.29	30.49 -3.28 13.99	31.79 -2.40 3.06
VALLEY___115KV_TB 1-4 80826	39.18 0.62 0.00	36.72 0.52 0.00	34.24 0.50 0.00	32.09 0.49 0.00	30.06 0.35 0.00	28.04 0.26 0.00	31.00 0.29 0.00	28.25 0.30 0.00	32.48 0.31 0.00	34.16 0.47 0.00	28.80 0.34 0.00	23.66 0.13 0.00	16.74 0.09 0.00	10.30 0.01 0.00	17.02 0.06 0.00	22.07 0.12 0.00	31.04 0.52 0.00	143.88 3.31 0.00	233.69 4.89 0.00	87.80 1.80 0.00	47.51 0.90 0.00	48.44 0.68 0.00	37.53 0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.84 1.28 0.00	37.43 1.22 0.00	34.90 1.16 0.00	32.70 1.10 0.00	30.72 1.02 0.00	28.71 0.92 0.00	31.77 1.07 0.00	28.93 0.98 0.00	33.38 1.21 0.00	34.97 1.28 0.00	29.61 1.15 0.00	24.44 0.90 0.00	17.26 0.60 -0.01	10.68 0.39 0.00	18.31 0.68 -0.67	23.44 0.82 -0.68	31.83 1.18 -0.13	145.91 5.34 0.00	237.44 8.64 0.00	92.57 2.85 -3.72	55.39 1.52 -7.25	52.05 1.45 -2.84	39.03 1.03 -0.76
VISCHER___FERRY HYD 24020	39.87 1.31 0.00	37.39 1.18 0.00	34.85 1.12 0.00	32.66 1.06 0.00	30.69 0.98 0.00	28.70 0.92 0.00	31.71 1.01 0.00	28.84 0.89 0.00	33.22 1.05 0.00	34.89 1.20 0.00	29.42 0.96 0.00	24.38 0.84 0.00	17.29 0.64 0.00	10.64 0.35 0.00	17.56 0.60 0.00	22.73 0.79 0.00	31.64 1.11 0.00	145.02 4.44 0.00	235.13 6.33 0.00	88.78 2.79 0.00	48.22 1.61 0.00	49.32 1.56 0.00	38.36 1.11 0.00
V_A_10_SYNC_DSASP 323832	34.58 -3.84 0.14	31.63 -3.52 1.06	27.66 -3.23 2.85	25.33 -2.97 3.30	26.41 -2.84 0.45	25.14 -2.64 0.00	26.80 -2.91 0.99	25.41 -2.54 0.00	26.43 -3.09 2.65	22.09 -3.74 7.86	18.00 -3.21 7.25	13.36 -2.86 7.32	9.22 -2.09 5.34	5.93 -1.23 3.12	8.95 -2.16 5.85	10.01 -2.71 9.23	16.65 -3.78 10.10	113.07 -15.45 12.04	194.29 -24.22 10.29	57.39 -10.27 18.33	22.28 -5.78 18.55	29.63 -5.46 12.67	30.61 -4.06 2.57
V_CMM_10_SYNC_DSASP 323787	38.73 0.17 0.00	36.42 0.22 0.00	33.83 0.10 0.00	31.61 0.02 0.00	29.79 0.08 0.00	27.92 0.13 0.00	30.90 0.20 0.00	28.16 0.21 0.00	32.31 0.14 0.00	33.68 -0.01 0.00	28.35 -0.11 0.00	23.39 -0.14 0.00	16.56 -0.08 0.00	10.22 -0.07 0.00	16.80 -0.16 0.00	21.77 -0.18 0.00	30.36 -0.16 0.00	140.48 -0.09 0.00	228.80 0.00 0.00	85.77 -0.23 0.00	46.35 -0.27 0.00	47.54 -0.22 0.00	37.20 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	38.63 0.07 0.00	36.45 0.25 0.00	33.64 -0.09 0.00	31.41 -0.18 0.00	29.57 -0.13 0.00	27.69 -0.09 0.00	30.59 -0.11 0.00	27.83 -0.12 0.00	31.93 -0.24 0.00	33.54 -0.15 0.00	28.18 -0.28 0.00	23.23 -0.30 0.00	16.48 -0.17 0.00	10.10 -0.19 0.00	16.61 -0.35 0.00	21.53 -0.42 0.00	30.18 -0.34 0.00	140.33 -0.24 0.00	228.58 -0.22 0.00	85.61 -0.38 0.00	46.22 -0.39 0.00	47.19 -0.57 0.00	36.84 -0.41 0.00
V_D_10_SYNC_DSASP 323841	38.92 0.35 0.00	36.59 0.38 0.00	33.97 0.24 0.00	31.75 0.16 0.00	29.90 0.20 0.00	28.05 0.27 0.00	31.06 0.35 0.00	28.29 0.34 0.00	32.46 0.28 0.00	33.81 0.12 0.00	28.43 -0.03 0.00	23.45 -0.08 0.00	16.61 -0.04 0.00	10.25 -0.04 0.00	16.86 -0.11 0.00	21.83 -0.11 0.00	30.45 -0.08 0.00	141.23 0.66 0.00	230.36 1.56 0.00	86.37 0.38 0.00	46.70 0.08 0.00	47.81 0.05 0.00	37.41 0.16 0.00

V_E_10_SYNC_DSASP 323830	38.42 -0.17 -0.03	36.21 -0.22 -0.23	34.30 -0.05 -0.61	32.38 0.07 -0.71	30.12 0.32 -0.10	28.31 0.53 0.00	31.94 1.02 -0.22	29.24 1.29 0.00	34.04 1.29 -0.59	36.90 1.47 -1.74	31.40 1.33 -1.60	25.84 0.69 -1.62	18.15 0.32 -1.18	11.06 0.08 -0.69	18.36 0.09 -1.30	23.60 -0.04 -1.69	32.84 0.47 -1.84	150.06 6.89 -2.60	243.92 12.90 -2.23	94.99 2.76 -6.23	52.30 1.23 -4.46	52.48 0.96 -3.76	38.57 0.73 -0.60
V_F_30_NSYNC_DSASP 323816	40.16 1.60 0.00	37.69 1.48 0.00	35.14 1.41 0.00	32.92 1.32 0.00	30.92 1.22 0.00	28.96 1.18 0.00	32.02 1.32 0.00	29.13 1.18 0.00	33.52 1.35 0.00	35.12 1.43 0.00	29.55 1.09 0.00	24.43 0.89 0.00	17.29 0.64 0.00	10.62 0.33 0.00	17.53 0.57 0.00	22.76 0.81 0.00	31.86 1.33 0.00	146.88 6.31 0.00	238.43 9.63 0.00	89.78 3.78 0.00	48.69 2.07 0.00	49.77 2.01 0.00	38.67 1.43 0.00
V_F_30_SYNC_DSASP 323786	40.12 1.56 0.00	37.63 1.42 0.00	35.09 1.36 0.00	32.86 1.27 0.00	30.88 1.19 0.00	28.87 1.09 0.00	31.86 1.16 0.00	28.98 1.04 0.00	33.39 1.21 0.00	35.10 1.41 0.00	29.64 1.18 0.00	24.53 1.00 0.00	17.39 0.75 0.00	10.72 0.44 0.00	17.70 0.74 0.00	22.90 0.95 0.00	31.84 1.32 0.00	145.68 5.11 0.00	236.38 7.58 0.00	89.18 3.18 0.00	48.43 1.82 0.00	49.54 1.78 0.00	38.59 1.35 0.00
V_XM_10_SYNC_DSASP 323789	38.63 0.07 0.00	36.45 0.25 0.00	33.64 -0.09 0.00	31.41 -0.18 0.00	29.57 -0.13 0.00	27.69 -0.09 0.00	30.59 -0.11 0.00	27.83 -0.12 0.00	31.93 -0.24 0.00	33.54 -0.15 0.00	28.18 -0.28 0.00	23.23 -0.30 0.00	16.48 -0.17 0.00	10.10 -0.19 0.00	16.61 -0.35 0.00	21.53 -0.42 0.00	30.18 -0.34 0.00	140.33 -0.24 0.00	228.58 -0.22 0.00	85.61 -0.38 0.00	46.22 -0.39 0.00	47.19 -0.57 0.00	36.84 -0.41 0.00
W.BABYLN_69_KV_BK1 56697	41.60 3.04 0.00	38.86 2.66 0.00	36.22 2.48 0.00	33.92 2.32 0.00	31.99 2.29 0.00	29.81 2.03 0.00	32.62 1.92 0.00	29.79 1.84 0.00	34.56 2.39 0.00	36.67 2.97 0.00	31.09 2.62 0.00	25.71 2.17 0.00	18.13 1.48 0.00	11.20 0.91 0.00	18.71 1.76 0.00	24.36 2.42 0.00	33.67 3.14 0.00	150.60 10.03 0.00	243.99 15.19 0.00	92.15 6.15 0.00	50.12 3.50 0.00	51.31 3.55 0.00	40.03 2.78 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.75 2.19 0.00	38.13 1.92 0.00	35.60 1.86 0.00	33.34 1.75 0.00	31.42 1.71 0.00	29.29 1.51 0.00	32.27 1.57 0.00	29.36 1.42 0.00	33.86 1.69 0.00	35.66 1.97 0.00	30.24 1.78 0.00	25.06 1.53 0.00	17.71 1.07 0.00	11.02 0.73 0.00	18.25 1.29 0.00	23.67 1.72 0.00	32.62 2.09 0.00	147.57 7.00 0.00	239.77 10.97 0.00	90.17 4.18 0.00	48.93 2.31 0.00	50.07 2.31 0.00	38.98 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.10 2.55 0.00	38.46 2.25 0.00	35.87 2.14 0.00	33.59 1.99 0.00	31.66 1.96 0.00	29.55 1.76 0.00	32.54 1.84 0.00	29.65 1.70 0.00	34.20 2.03 0.00	36.04 2.35 0.00	30.58 2.11 0.00	25.35 1.82 0.00	17.92 1.28 0.00	11.14 0.86 0.00	18.47 1.51 0.00	23.95 2.00 0.00	32.98 2.46 0.00	148.70 8.13 0.00	241.42 12.63 0.00	90.85 4.86 0.00	49.36 2.75 0.00	50.51 2.75 0.00	39.32 2.08 0.00
W50THST__13_KV_LOAD 356117	41.29 2.73 0.00	38.62 2.41 0.00	36.02 2.29 0.00	33.72 2.13 0.00	31.79 2.09 0.00	29.67 1.89 0.00	32.68 1.98 0.00	29.77 1.82 0.00	34.37 2.20 0.00	36.20 2.51 0.00	30.72 2.25 0.00	25.47 1.93 0.00	18.01 1.36 0.00	11.19 0.91 0.00	18.56 1.60 0.00	24.06 2.11 0.00	33.14 2.61 0.00	149.41 8.84 0.00	242.56 13.77 0.00	91.28 5.28 0.00	49.58 2.96 0.00	50.74 2.97 0.00	39.48 2.24 0.00
WADING RIVER_IC_1 23522	41.29 2.73 0.00	38.55 2.34 0.00	35.94 2.21 0.00	33.66 2.06 0.00	31.78 2.08 0.00	29.52 1.74 0.00	32.07 1.37 0.00	29.37 1.42 0.00	34.23 2.06 0.00	36.45 2.76 0.00	30.89 2.43 0.00	25.55 2.02 0.00	18.01 1.36 0.00	11.09 0.80 0.00	18.57 1.61 0.00	24.22 2.28 0.00	33.49 2.97 0.00	149.52 8.95 0.00	242.21 13.41 0.00	91.17 5.17 0.00	49.61 3.00 0.00	50.89 3.13 0.00	39.98 2.74 0.00
WADING RIVER_IC_2 23547	41.29 2.73 0.00	38.55 2.34 0.00	35.94 2.21 0.00	33.66 2.06 0.00	31.78 2.08 0.00	29.52 1.74 0.00	32.07 1.37 0.00	29.37 1.42 0.00	34.23 2.06 0.00	36.45 2.76 0.00	30.89 2.43 0.00	25.55 2.02 0.00	18.01 1.36 0.00	11.09 0.80 0.00	18.57 1.61 0.00	24.22 2.28 0.00	33.49 2.97 0.00	149.52 8.95 0.00	242.21 13.41 0.00	91.17 5.17 0.00	49.61 3.00 0.00	50.89 3.13 0.00	39.98 2.74 0.00
WADING RIVER_IC_3 23601	41.29 2.73 0.00	38.55 2.34 0.00	35.94 2.21 0.00	33.66 2.06 0.00	31.78 2.08 0.00	29.52 1.74 0.00	32.07 1.37 0.00	29.37 1.42 0.00	34.23 2.06 0.00	36.45 2.76 0.00	30.89 2.43 0.00	25.55 2.02 0.00	18.01 1.36 0.00	11.09 0.80 0.00	18.57 1.61 0.00	24.22 2.28 0.00	33.49 2.97 0.00	149.52 8.95 0.00	242.21 13.41 0.00	91.17 5.17 0.00	49.61 3.00 0.00	50.89 3.13 0.00	39.98 2.74 0.00
WALDENNY_12_KV_BK2 80841	35.11 -3.23 0.22	31.54 -2.98 1.68	26.54 -2.67 4.52	23.92 -2.43 5.24	26.61 -2.37 0.71	25.60 -2.19 0.00	26.71 -2.42 1.57	25.88 -2.07 0.00	25.40 -2.54 4.23	18.03 -3.16 12.51	14.16 -2.76 11.54	9.36 -2.53 11.65	6.26 -1.88 8.50	4.22 -1.09 4.97	6.16 -1.95 8.85	6.15 -2.39 13.41	12.08 -3.33 15.11	108.22 -13.21 19.14	192.27 -20.18 16.35	50.88 -8.90 26.22	16.77 -5.03 24.82	25.01 -4.69 18.06	30.12 -3.55 3.58
WALDEN__HYDRO 24148	40.56 2.01 0.00	37.99 1.78 0.00	35.45 1.72 0.00	33.19 1.60 0.00	31.27 1.57 0.00	29.18 1.39 0.00	32.17 1.47 0.00	29.27 1.32 0.00	33.72 1.56 0.00	35.44 1.75 0.00	30.05 1.59 0.00	24.89 1.36 0.00	17.63 0.98 0.00	10.94 0.66 0.00	18.10 1.15 0.00	23.49 1.54 0.00	32.43 1.90 0.00	147.13 6.56 0.00	239.04 10.25 0.00	89.96 3.96 0.00	48.79 2.18 0.00	49.92 2.16 0.00	38.84 1.60 0.00
WARRENSBURG____ 23737	39.93 1.37 0.00	37.46 1.25 0.00	34.92 1.18 0.00	32.73 1.13 0.00	30.76 1.06 0.00	28.86 1.07 0.00	31.92 1.22 0.00	29.03 1.08 0.00	33.42 1.25 0.00	34.95 1.26 0.00	29.34 0.88 0.00	24.25 0.72 0.00	17.16 0.51 0.00	10.50 0.21 0.00	17.32 0.36 0.00	22.58 0.63 0.00	31.73 1.21 0.00	146.68 6.11 0.00	238.17 9.37 0.00	89.74 3.74 0.00	48.58 1.97 0.00	49.60 1.84 0.00	38.49 1.24 0.00
WATERSIDE__6 8 9 23538	41.16 2.60 0.00	38.50 2.29 0.00	35.89 2.15 0.00	33.60 2.01 0.00	31.69 1.99 0.00	29.57 1.78 0.00	32.55 1.85 0.00	29.66 1.71 0.00	34.20 2.03 0.00	36.06 2.37 0.00	30.61 2.15 0.00	25.41 1.87 0.00	17.97 1.32 0.00	11.17 0.88 0.00	18.50 1.54 0.00	23.97 2.03 0.00	32.98 2.46 0.00	148.61 8.04 0.00	241.25 12.45 0.00	90.95 4.96 0.00	49.46 2.85 0.00	50.61 2.85 0.00	39.41 2.17 0.00

WATKINRD_115KV_LN8_ILLLION 55919	39.03 0.46 0.00	36.60 0.40 0.00	34.12 0.38 0.00	31.97 0.38 0.00	29.98 0.27 0.00	28.00 0.22 0.00	30.95 0.25 0.00	28.19 0.24 0.00	32.43 0.26 0.00	34.05 0.36 0.00	28.74 0.27 0.00	23.66 0.13 0.00	16.73 0.08 0.00	10.31 0.02 0.00	17.03 0.06 0.00	22.06 0.11 0.00	30.92 0.39 0.00	143.00 2.43 0.00	232.32 3.52 0.00	87.29 1.29 0.00	47.29 0.68 0.00	48.29 0.53 0.00	37.48 0.24 0.00
WDELAWARE___HYD 323627	40.50 1.94 0.00	37.97 1.76 0.00	35.42 1.68 0.00	33.16 1.57 0.00	31.22 1.52 0.00	29.16 1.37 0.00	32.17 1.47 0.00	29.29 1.34 0.00	33.68 1.51 0.00	35.31 1.62 0.00	29.92 1.46 0.00	24.82 1.28 0.00	17.55 0.90 0.00	10.86 0.58 0.00	18.00 1.04 0.00	23.34 1.39 0.00	32.29 1.76 0.00	146.91 6.34 0.00	239.20 10.40 0.00	90.02 4.02 0.00	48.83 2.21 0.00	49.89 2.14 0.00	38.79 1.55 0.00
WEST BABYLON___IC 23714	41.60 3.04 0.00	38.86 2.66 0.00	36.22 2.48 0.00	33.92 2.32 0.00	31.99 2.29 0.00	29.81 2.03 0.00	32.62 1.92 0.00	29.79 1.84 0.00	34.56 2.39 0.00	36.67 2.97 0.00	31.09 2.62 0.00	25.71 2.17 0.00	18.13 1.48 0.00	11.20 0.91 0.00	18.71 1.76 0.00	24.36 2.42 0.00	33.67 3.14 0.00	150.60 10.03 0.00	243.99 15.19 0.00	92.15 6.15 0.00	50.12 3.50 0.00	51.31 3.55 0.00	40.03 2.78 0.00
WEST CANADA___HYD 24049	38.56 0.00 0.00	36.21 0.00 0.00	33.73 0.00 0.00	31.59 0.00 0.00	29.70 0.00 0.00	27.76 -0.02 0.00	30.68 -0.02 0.00	27.92 -0.03 0.00	32.17 0.00 0.00	33.72 0.03 0.00	28.49 0.03 0.00	23.56 0.02 0.00	16.67 0.02 0.00	10.30 0.01 0.00	16.99 0.04 0.00	21.98 0.03 0.00	30.56 0.03 0.00	140.74 0.17 0.00	229.03 0.23 0.00	86.09 0.09 0.00	46.67 0.05 0.00	47.80 0.04 0.00	37.25 0.00 0.00
WESTERN_NY_WIND 24143	35.82 -2.62 0.13	32.83 -2.42 0.96	28.98 -2.18 2.58	26.61 -1.99 2.99	27.36 -1.93 0.41	26.01 -1.78 0.00	27.82 -1.98 0.89	26.26 -1.69 0.00	27.72 -2.05 2.40	23.94 -2.64 7.11	19.46 -2.44 6.56	14.61 -2.31 6.62	10.06 -1.75 4.84	6.36 -1.10 2.83	9.55 -1.95 5.47	4.84 -2.36 14.75	11.55 -3.19 15.78	118.62 -11.03 10.93	203.79 -15.67 9.33	61.79 -6.82 17.38	24.58 -3.85 18.18	32.26 -3.50 12.00	32.01 -2.77 2.47
WESTOVER___LESR 323668	38.19 -0.37 0.00	35.86 -0.34 0.00	33.47 -0.26 0.00	31.42 -0.17 0.00	29.48 -0.22 0.00	27.58 -0.21 0.00	30.49 -0.21 0.00	27.73 -0.22 0.00	31.90 -0.27 0.00	33.30 -0.39 0.00	28.15 -0.31 0.00	23.26 -0.28 0.00	16.44 -0.24 -0.03	10.17 -0.12 0.00	19.25 -0.24 -2.53	23.87 -0.33 -2.25	30.28 -0.40 -0.16	139.51 -1.06 0.00	227.28 -1.52 0.00	98.59 -0.97 -13.56	73.23 -0.62 -27.23	57.57 -0.63 -10.44	39.62 -0.53 -2.90
WETHRSFD_WT_PWR 323626	33.82 -4.02 0.72	26.86 -3.81 5.53	15.44 -3.40 14.90	11.24 -3.08 17.27	24.33 -3.02 2.35	25.08 -2.70 0.00	22.55 -2.95 5.19	25.27 -2.68 0.00	15.03 -3.18 13.96	-11.28 -3.65 41.32	-12.80 -3.12 38.14	-17.66 -2.71 38.49	-13.45 -2.06 28.04	-7.39 -1.25 16.43	-11.25 -2.23 25.98	-17.33 -2.75 36.53	-17.69 -3.73 44.49	62.52 -14.98 63.07	152.35 -22.57 53.88	14.94 -9.33 61.72	-6.74 -5.33 48.02	-1.43 -5.31 43.87	25.14 -4.25 7.85
WHAVSTOR_138KV_BK127 55557	40.58 2.03 0.00	37.98 1.77 0.00	35.46 1.73 0.00	33.21 1.61 0.00	31.29 1.59 0.00	29.18 1.40 0.00	32.14 1.43 0.00	29.25 1.30 0.00	33.73 1.56 0.00	35.52 1.83 0.00	30.12 1.66 0.00	24.97 1.43 0.00	17.65 1.00 0.00	10.97 0.69 0.00	18.17 1.21 0.00	23.57 1.63 0.00	32.48 1.95 0.00	146.87 6.30 0.00	238.56 9.76 0.00	89.75 3.75 0.00	48.72 2.11 0.00	49.86 2.11 0.00	38.83 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.58 2.03 0.00	37.98 1.77 0.00	35.46 1.73 0.00	33.21 1.61 0.00	31.29 1.59 0.00	29.18 1.40 0.00	32.14 1.43 0.00	29.25 1.30 0.00	33.73 1.56 0.00	35.52 1.83 0.00	30.12 1.66 0.00	24.97 1.43 0.00	17.65 1.00 0.00	10.97 0.69 0.00	18.17 1.21 0.00	23.57 1.63 0.00	32.48 1.95 0.00	146.87 6.30 0.00	238.56 9.76 0.00	89.75 3.75 0.00	48.72 2.11 0.00	49.86 2.11 0.00	38.83 1.59 0.00
WHITEHAL_115KV_TB1 80871	40.09 1.53 0.00	37.58 1.37 0.00	34.94 1.20 0.00	32.81 1.22 0.00	30.91 1.21 0.00	29.13 1.34 0.00	32.40 1.70 0.00	29.38 1.43 0.00	33.83 1.66 0.00	35.23 1.54 0.00	29.25 0.78 0.00	24.29 0.76 0.00	17.20 0.56 0.00	10.50 0.21 0.00	17.32 0.35 0.00	22.79 0.84 0.00	32.12 1.59 0.00	148.70 8.13 0.00	241.17 12.37 0.00	91.09 5.09 0.00	49.29 2.67 0.00	50.24 2.48 0.00	38.59 1.35 0.00
WHITEPLN_13_KV_LOAD 356215	41.16 2.60 0.00	38.50 2.29 0.00	35.91 2.18 0.00	33.62 2.03 0.00	31.69 1.99 0.00	29.57 1.79 0.00	32.58 1.88 0.00	29.67 1.72 0.00	34.24 2.07 0.00	36.07 2.38 0.00	30.57 2.11 0.00	25.34 1.80 0.00	17.91 1.26 0.00	11.13 0.84 0.00	18.45 1.48 0.00	23.93 1.98 0.00	33.00 2.47 0.00	149.12 8.55 0.00	242.24 13.44 0.00	91.16 5.17 0.00	49.48 2.86 0.00	50.62 2.86 0.00	39.38 2.14 0.00
WM_FLOYD_69_KV_BK2 356380	41.34 2.78 0.00	38.60 2.39 0.00	35.98 2.25 0.00	33.71 2.12 0.00	31.82 2.12 0.00	29.60 1.82 0.00	32.24 1.54 0.00	29.49 1.54 0.00	34.32 2.15 0.00	36.50 2.81 0.00	30.93 2.47 0.00	25.58 2.05 0.00	18.03 1.39 0.00	11.10 0.81 0.00	18.59 1.63 0.00	24.25 2.31 0.00	33.55 3.03 0.00	149.73 9.16 0.00	242.63 13.84 0.00	91.42 5.42 0.00	49.78 3.17 0.00	51.03 3.27 0.00	39.98 2.74 0.00
WOODARD_115KV_TB2 355635	37.50 -1.06 0.00	35.21 -0.99 0.00	32.82 -0.91 0.00	30.77 -0.82 0.00	28.91 -0.79 0.00	27.06 -0.72 0.00	30.01 -0.69 0.00	27.34 -0.61 0.00	31.47 -0.70 0.00	32.90 -0.79 0.00	27.82 -0.65 0.00	22.97 -0.56 0.00	16.20 -0.45 0.00	10.00 -0.28 0.00	16.14 -0.50 0.32	21.01 -0.62 0.32	29.69 -0.78 0.06	137.53 -3.04 0.00	224.20 -4.60 0.00	84.14 -1.85 0.00	45.59 -1.02 0.00	46.77 -0.99 0.00	36.49 -0.75 0.00
WOODMERE_69_KV_BK1 55827	41.41 2.84 0.00	38.73 2.52 0.00	36.11 2.37 0.00	33.82 2.23 0.00	31.87 2.17 0.00	29.72 1.94 0.00	32.61 1.91 0.00	29.73 1.78 0.00	34.42 2.25 0.00	36.39 2.70 0.00	30.86 2.40 0.00	25.57 2.04 0.00	18.04 1.39 0.00	11.18 0.89 0.00	18.63 1.67 0.00	24.19 2.24 0.00	33.36 2.84 0.00	149.57 9.00 0.00	242.29 13.50 0.00	91.69 5.69 0.00	49.79 3.17 0.00	50.94 3.18 0.00	39.72 2.47 0.00
YORK___WARBASSE 23770	41.07 2.51 0.00	38.41 2.21 0.00	35.78 2.04 0.00	33.47 1.88 0.00	31.57 1.86 0.00	29.44 1.66 0.00	32.42 1.72 0.00	29.53 1.58 0.00	34.06 1.89 0.00	35.91 2.22 0.00	30.48 2.02 0.00	25.39 1.86 0.00	17.95 1.30 0.00	11.13 0.85 0.00	18.41 1.45 0.00	23.87 1.92 0.00	32.84 2.31 0.00	148.01 7.44 0.00	240.40 11.60 0.00	90.97 4.97 0.00	49.49 2.87 0.00	50.61 2.85 0.00	39.40 2.16 0.00