

ALBANY___2 23572	53.07 1.14 0.00	44.83 1.12 0.00	41.36 1.06 0.00	30.27 0.83 0.00	27.93 0.78 0.00	29.59 0.80 0.00	43.64 1.09 0.00	47.23 1.32 0.00	39.80 1.07 0.00	42.98 1.12 0.00	53.14 1.31 0.00	73.35 1.68 0.00	67.47 1.81 0.00	72.15 2.17 0.00	73.51 2.09 0.00	83.28 1.98 -16.13	110.09 1.57 -56.11	249.00 3.40 -126.33	721.31 2.41 -645.39	288.47 1.89 -226.39	185.69 1.10 -134.74	80.70 1.05 -30.15	41.28 0.81 0.00	38.29 0.73 0.00
ALBANY___3 23573	53.07 1.14 0.00	44.83 1.12 0.00	41.36 1.06 0.00	30.27 0.83 0.00	27.93 0.78 0.00	29.59 0.80 0.00	43.64 1.09 0.00	47.23 1.32 0.00	39.80 1.07 0.00	42.98 1.12 0.00	53.14 1.31 0.00	73.35 1.68 0.00	67.47 1.81 0.00	72.15 2.17 0.00	73.51 2.09 0.00	83.28 1.98 -16.13	110.09 1.57 -56.11	249.00 3.40 -126.33	721.31 2.41 -645.39	288.47 1.89 -226.39	185.69 1.10 -134.74	80.70 1.05 -30.15	41.28 0.81 0.00	38.29 0.73 0.00
ALBANY___4 23574	53.07 1.14 0.00	44.83 1.12 0.00	41.36 1.06 0.00	30.27 0.83 0.00	27.93 0.78 0.00	29.59 0.80 0.00	43.64 1.09 0.00	47.23 1.32 0.00	39.80 1.07 0.00	42.98 1.12 0.00	53.14 1.31 0.00	73.35 1.68 0.00	67.47 1.81 0.00	72.15 2.17 0.00	73.51 2.09 0.00	83.28 1.98 -16.13	110.09 1.57 -56.11	249.00 3.40 -126.33	721.31 2.41 -645.39	288.47 1.89 -226.39	185.69 1.10 -134.74	80.70 1.05 -30.15	41.28 0.81 0.00	38.29 0.73 0.00
ALBANY___LFGE 323615	53.82 1.90 0.00	45.43 1.72 0.00	41.91 1.61 0.00	30.66 1.21 0.00	28.29 1.14 0.00	29.98 1.19 0.00	44.22 1.66 0.00	47.86 1.95 0.00	40.35 1.62 0.00	43.61 1.75 0.00	53.97 2.14 0.00	74.53 2.87 0.00	68.61 2.95 0.00	73.37 3.39 0.00	74.78 3.36 0.00	87.37 3.12 -19.08	121.31 2.52 -66.38	279.16 5.57 -154.32	890.26 3.68 -813.08	348.37 2.82 -285.35	221.93 1.91 -170.16	89.44 1.87 -38.08	41.91 1.43 0.00	38.83 1.28 0.00
ALCOA_PA_115KV_PL-6C 55860	50.38 -1.54 0.00	42.16 -1.56 0.00	38.87 -1.42 0.00	28.42 -1.02 0.00	26.28 -0.88 0.00	28.05 -0.74 0.00	41.44 -1.12 0.00	44.57 -1.34 0.00	37.54 -1.19 0.00	40.49 -1.37 0.00	50.08 -1.75 0.00	69.26 -2.40 0.00	63.45 -2.21 0.00	67.51 -2.47 0.00	68.90 -2.52 0.00	59.90 -2.52 2.75	50.40 -2.01 0.00	114.78 -4.48 0.00	70.82 -2.68 0.00	57.86 -2.33 0.00	48.69 -1.16 0.00	48.33 -1.18 0.00	39.62 -0.86 0.00	36.88 -0.67 0.00
ALCOA_RYNLDS___DRP 24188	50.38 -1.54 0.00	42.16 -1.56 0.00	38.87 -1.42 0.00	28.42 -1.02 0.00	26.28 -0.88 0.00	28.05 -0.74 0.00	41.44 -1.12 0.00	44.57 -1.34 0.00	37.54 -1.19 0.00	40.49 -1.37 0.00	50.08 -1.75 0.00	69.26 -2.40 0.00	63.45 -2.21 0.00	67.51 -2.47 0.00	68.90 -2.52 0.00	59.90 -2.52 2.75	50.40 -2.01 0.00	114.78 -4.48 0.00	70.82 -2.68 0.00	57.86 -2.33 0.00	48.69 -1.16 0.00	48.33 -1.18 0.00	39.62 -0.86 0.00	36.88 -0.67 0.00
ALCOA___DSASP 323711	50.38 -1.54 0.00	42.15 -1.56 0.00	38.88 -1.42 0.00	28.42 -1.02 0.00	26.28 -0.88 0.00	28.05 -0.74 0.00	41.44 -1.12 0.00	44.57 -1.34 0.00	37.54 -1.19 0.00	40.49 -1.37 0.00	50.08 -1.75 0.00	69.26 -2.40 0.00	63.45 -2.21 0.00	67.51 -2.47 0.00	68.90 -2.52 0.00	59.90 -2.52 2.75	50.40 -2.01 0.00	114.78 -4.48 0.00	70.82 -2.69 0.00	57.87 -2.33 0.00	48.69 -1.16 0.00	48.32 -1.17 0.00	39.62 -0.86 0.00	36.88 -0.67 0.00
ALLEGHENY___COGEN 23514	53.96 2.04 0.00	44.97 1.25 0.00	41.13 0.84 0.00	29.73 0.29 0.00	27.13 -0.02 0.00	28.38 -0.41 0.00	42.30 -0.25 0.00	45.20 -0.70 0.00	38.26 -0.48 0.00	41.16 -0.70 0.00	51.23 -0.60 0.00	68.80 -2.87 0.00	59.16 -6.50 0.00	63.18 -6.80 0.00	71.00 -7.68 -7.25	64.11 -5.72 -4.65	51.17 -4.96 -3.72	116.31 -11.09 -8.15	69.02 -6.01 -1.52	56.05 -4.57 -0.42	46.87 -2.98 0.00	50.03 0.54 0.00	40.85 0.37 0.00	37.85 0.29 0.00
ALTAMONT_115KV_TB 2 55880	53.68 1.76 0.00	45.33 1.62 0.00	41.82 1.53 0.00	30.59 1.15 0.00	28.22 1.07 0.00	29.90 1.11 0.00	44.14 1.58 0.00	47.70 1.80 0.00	40.21 1.48 0.00	43.43 1.57 0.00	53.70 1.87 0.00	74.15 2.48 0.00	68.07 2.41 0.00	72.74 2.76 0.00	74.16 2.74 0.00	81.64 2.54 -13.93	102.92 2.05 -48.46	229.14 4.56 -105.31	595.01 2.85 -518.65	244.18 2.16 -181.82	159.42 1.61 -107.96	75.26 1.61 -24.16	41.77 1.29 0.00	38.75 1.19 0.00
ALTONA_WT_PWR 323606	51.12 -0.80 0.00	42.69 -1.02 0.00	39.58 -0.72 0.00	29.06 -0.38 0.00	26.92 -0.24 0.00	28.73 -0.06 0.00	42.25 -0.30 0.00	45.49 -0.42 0.00	38.32 -0.42 0.00	41.38 -0.48 0.00	51.29 -0.54 0.00	71.02 -0.65 0.00	65.08 -0.58 0.00	68.90 -1.08 0.00	69.19 -2.23 0.00	59.82 -2.51 2.85	49.51 -2.89 0.00	115.34 -3.92 0.00	71.64 -1.87 0.00	60.04 -0.15 0.00	49.58 -0.27 0.00	49.22 -0.28 0.00	40.19 -0.29 0.00	37.30 -0.26 0.00
AMERICAN_REF_FUEL 24010	51.57 -0.35 0.00	42.93 -0.78 0.00	39.23 -1.07 0.00	28.33 -1.11 0.00	25.82 -1.33 0.00	27.00 -1.79 0.00	40.09 -2.46 0.00	42.10 -3.81 0.00	35.97 -2.76 0.00	39.49 -2.37 0.00	49.18 -2.64 0.00	67.40 -4.27 0.00	60.97 -4.69 0.00	67.27 -5.87 -3.16	63.74 -6.11 1.57	70.36 -5.16 -10.35	51.83 -4.48 -3.90	126.96 -9.60 -17.30	75.33 -5.94 -7.77	55.40 -5.17 -0.38	45.67 -4.19 0.00	45.35 -4.14 0.00	37.27 -3.21 0.00	35.28 -2.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	54.61 2.69 0.00	45.30 1.59 0.00	41.15 0.86 0.00	29.27 -0.17 0.00	26.48 -0.67 0.00	27.57 -1.22 0.00	41.32 -1.23 0.00	43.53 -2.38 0.00	37.59 -1.14 0.00	42.52 0.66 0.00	53.67 1.84 0.00	73.51 1.84 -0.01	66.68 1.02 0.00	70.94 0.49 -0.46	70.67 0.91 1.66	86.09 1.35 -19.57	58.15 0.78 -4.96	147.27 2.31 -25.69	77.19 1.19 -2.50	61.13 0.51 -0.43	49.63 -0.23 0.00	48.69 -0.81 0.00	39.52 -0.96 0.00	37.05 -0.51 0.00
ARTHUR KILL_GT_1 23520	55.54 3.62 0.00	46.64 3.30 0.37	43.69 3.39 0.00	32.06 2.61 0.00	29.46 2.31 0.00	31.18 2.39 0.00	45.08 3.59 1.07	48.47 4.04 1.48	42.78 4.05 0.00	44.64 4.28 1.49	54.91 5.25 2.17	78.81 7.14 0.00	72.38 6.73 0.00	77.14 7.16 0.01	78.79 7.38 0.01	77.63 6.61 -5.85	78.10 5.35 -20.35	165.10 11.77 -34.06	194.75 6.83 -114.41	105.74 5.75 -39.80	81.81 4.17 -27.79	58.54 3.88 -5.16	43.77 3.28 0.00	40.81 3.25 0.00
ARTHUR_KILL_2 23512	55.29 3.37 0.00	46.45 3.11 0.37	43.53 3.23 0.00	31.93 2.49 0.00	29.35 2.20 0.00	31.07 2.27 0.00	44.90 3.42 1.07	48.28 3.85 1.48	42.61 3.88 0.00	44.45 4.08 1.49	54.67 5.01 2.17	78.50 6.83 0.00	72.05 6.40 0.00	76.78 6.81 0.01	78.42 7.01 0.01	77.30 6.28 -5.85	77.83 5.08 -20.35	164.46 11.13 -34.06	194.33 6.41 -114.41	105.38 5.40 -39.80	81.52 3.89 -27.79	58.26 3.61 -5.16	43.57 3.09 0.00	40.64 3.08 0.00
ARTHUR_KILL_3 23513	55.38 3.46 0.00	46.44 3.10 0.37	43.30 3.01 0.00	31.71 2.27 0.00	29.27 2.12 0.00	30.97 2.18 0.00	45.85 3.29 0.00	49.76 3.85 0.00	42.57 3.84 0.00	45.99 4.15 0.02	50.27 5.07 6.63	78.39 6.72 0.00	72.12 6.46 0.00	76.73 6.75 0.00	78.43 7.01 0.00	76.32 6.53 -4.62	70.29 5.35 -12.53	158.39 11.68 -27.45	186.24 6.69 -106.04	105.02 5.04 -39.79	76.41 3.67 -22.89	58.16 3.54 -5.12	43.56 3.07 0.00	40.59 3.03 0.00

ARTHUR_KILL_COGEN 323718	55.54 3.62 0.00	46.64 3.30 0.37	43.69 3.39 0.00	32.06 2.61 0.00	29.46 2.31 0.00	31.18 2.39 0.00	45.08 3.59 1.07	48.47 4.04 1.48	42.78 4.05 0.00	44.64 4.28 1.49	54.91 5.25 2.17	78.81 7.14 0.00	72.38 6.73 0.00	77.14 7.16 0.01	78.79 7.38 0.01	77.63 6.61 -5.85	78.10 5.35 -20.35	165.10 11.77 -34.06	194.75 6.83 -114.41	105.74 5.75 -39.80	81.81 4.17 -27.79	58.54 3.88 -5.16	43.77 3.28 0.00	40.81 3.25 0.00
ASHOKAN____ 23654	56.57 4.64 0.00	47.65 3.94 0.00	43.86 3.56 0.00	32.03 2.59 0.00	29.53 2.38 0.00	31.27 2.48 0.00	46.25 3.69 0.00	50.15 4.25 0.00	42.34 3.61 0.00	45.81 3.95 0.00	56.86 5.03 0.00	78.48 6.81 0.00	72.02 6.36 0.00	77.64 7.66 0.00	78.63 7.21 0.00	82.69 7.08 -10.43	93.87 5.17 -36.30	206.14 11.79 -75.08	430.85 7.52 -349.83	188.53 5.82 -122.52	127.09 4.76 -72.47	70.75 5.03 -16.22	44.44 3.96 0.00	41.02 3.46 0.00
ASTORIA_EAST_ENERGY_CC1 323581	55.89 3.96 0.00	47.26 3.55 0.00	43.60 3.31 0.00	32.01 2.56 0.00	29.52 2.37 0.00	31.18 2.38 0.00	46.17 3.61 0.00	50.06 4.15 0.00	42.82 4.09 0.00	46.35 4.49 0.00	57.28 5.45 0.00	78.90 7.23 0.00	72.51 6.85 0.00	77.23 7.25 0.00	78.93 7.51 0.00	77.98 6.97 -5.85	78.46 5.70 -20.35	165.74 12.41 -34.07	194.91 6.98 -114.42	105.39 5.39 -39.80	76.67 3.92 -22.90	58.33 3.72 -5.12	43.72 3.24 0.00	40.79 3.23 0.00
ASTORIA_EAST_ENERGY_CC2 323582	55.92 3.99 0.00	47.29 3.58 0.00	43.61 3.31 0.00	32.01 2.56 0.00	29.52 2.37 0.00	31.18 2.38 0.00	46.17 3.61 0.00	50.06 4.15 0.00	42.82 4.09 0.00	46.35 4.49 0.00	57.28 5.45 0.00	78.90 7.23 0.00	72.51 6.85 0.00	77.23 7.25 0.00	78.93 7.51 0.00	77.98 6.97 -5.85	78.46 5.70 -20.35	165.74 12.41 -34.07	194.91 6.98 -114.42	105.39 5.39 -39.80	76.67 3.92 -22.90	58.33 3.72 -5.12	43.72 3.24 0.00	40.79 3.23 0.00
ASTORIA_GT2_1 24094	55.91 3.98 0.00	47.29 3.58 0.00	43.63 3.33 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT2_2 24095	55.91 3.98 0.00	47.29 3.58 0.00	43.63 3.33 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT2_3 24096	55.91 3.98 0.00	47.29 3.58 0.00	43.63 3.33 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT2_4 24097	55.91 3.98 0.00	47.29 3.58 0.00	43.63 3.33 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT3_1 24098	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT3_2 24099	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT3_3 24100	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT3_4 24101	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT4_1 24102	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT4_2 24103	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT4_3 24104	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00

ASTORIA_GT4_4 24105	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.38 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.30 5.48 0.00	78.94 7.27 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.97 7.55 0.00	78.02 7.00 -5.85	78.49 5.74 -20.35	165.83 12.49 -34.07	194.91 6.99 -114.42	105.41 5.41 -39.79	76.70 3.95 -22.89	58.35 3.74 -5.12	43.73 3.25 0.00	40.82 3.26 0.00
ASTORIA_GT_1 23523	56.07 4.15 0.00	47.42 3.71 0.00	43.73 3.43 0.00	32.09 2.65 0.00	29.59 2.44 0.00	31.25 2.46 0.00	46.30 3.74 0.00	50.21 4.30 0.00	42.95 4.22 0.00	46.51 4.65 0.00	57.48 5.65 0.00	79.18 7.51 0.00	72.78 7.12 0.00	77.51 7.53 0.00	79.22 7.80 0.00	78.25 7.23 -5.85	78.68 5.92 -20.35	166.19 12.86 -34.07	195.17 7.24 -114.42	105.60 5.61 -39.80	76.87 4.12 -22.90	58.52 3.90 -5.12	43.86 3.38 0.00	40.92 3.36 0.00
ASTORIA_GT_10 24110	55.76 3.83 0.00	47.19 3.47 0.00	43.59 3.29 0.00	31.91 2.47 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.16 3.60 0.00	50.08 4.17 0.00	42.82 4.09 0.00	46.31 4.46 0.00	57.22 5.39 0.00	78.69 7.02 0.00	72.31 6.65 0.00	77.04 7.06 0.00	78.72 7.29 0.00	77.75 6.74 -5.85	78.23 5.47 -20.35	165.23 11.90 -34.06	194.62 6.70 -114.41	105.16 5.17 -39.79	75.80 3.69 -22.25	58.18 3.56 -5.12	43.60 3.12 0.00	40.68 3.12 0.00
ASTORIA_GT_11 24225	55.76 3.83 0.00	47.19 3.47 0.00	43.59 3.29 0.00	31.91 2.47 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.16 3.60 0.00	50.08 4.17 0.00	42.82 4.09 0.00	46.31 4.46 0.00	57.22 5.39 0.00	78.69 7.02 0.00	72.31 6.65 0.00	77.04 7.06 0.00	78.72 7.29 0.00	77.75 6.74 -5.85	78.23 5.47 -20.35	165.23 11.90 -34.06	194.62 6.70 -114.41	105.16 5.17 -39.79	75.80 3.69 -22.25	58.18 3.56 -5.12	43.60 3.12 0.00	40.68 3.12 0.00
ASTORIA_GT_12 24226	55.76 3.83 0.00	47.19 3.47 0.00	43.59 3.29 0.00	31.91 2.47 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.16 3.60 0.00	50.08 4.17 0.00	42.82 4.09 0.00	46.31 4.46 0.00	57.22 5.39 0.00	78.69 7.02 0.00	72.31 6.65 0.00	77.04 7.06 0.00	78.72 7.29 0.00	77.75 6.74 -5.85	78.23 5.47 -20.35	165.23 11.90 -34.06	194.62 6.70 -114.41	105.16 5.17 -39.79	75.80 3.69 -22.25	58.18 3.56 -5.12	43.60 3.12 0.00	40.68 3.12 0.00
ASTORIA_GT_13 24227	55.76 3.83 0.00	47.19 3.47 0.00	43.59 3.29 0.00	31.91 2.47 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.16 3.60 0.00	50.08 4.17 0.00	42.82 4.09 0.00	46.31 4.46 0.00	57.22 5.39 0.00	78.69 7.02 0.00	72.31 6.65 0.00	77.04 7.06 0.00	78.72 7.29 0.00	77.75 6.74 -5.85	78.23 5.47 -20.35	165.23 11.90 -34.06	194.62 6.70 -114.41	105.16 5.17 -39.79	75.80 3.69 -22.25	58.18 3.56 -5.12	43.60 3.12 0.00	40.68 3.12 0.00
ASTORIA_GT_5 24106	56.07 4.15 0.00	47.42 3.71 0.00	43.73 3.43 0.00	32.09 2.65 0.00	29.59 2.44 0.00	31.25 2.46 0.00	46.30 3.74 0.00	50.21 4.30 0.00	42.95 4.22 0.00	46.51 4.65 0.00	57.47 5.64 0.00	79.18 7.51 0.00	72.78 7.12 0.00	77.51 7.53 0.00	79.22 7.80 0.00	78.26 7.24 -5.85	78.68 5.92 -20.35	166.20 12.87 -34.07	195.14 7.22 -114.42	105.59 5.61 -39.79	76.86 4.12 -22.89	58.51 3.89 -5.12	43.85 3.37 0.00	40.92 3.37 0.00
ASTORIA_GT_7 24107	56.07 4.15 0.00	47.42 3.71 0.00	43.73 3.43 0.00	32.09 2.65 0.00	29.59 2.44 0.00	31.25 2.46 0.00	46.30 3.74 0.00	50.21 4.30 0.00	42.95 4.22 0.00	46.51 4.65 0.00	57.47 5.64 0.00	79.18 7.51 0.00	72.78 7.12 0.00	77.51 7.53 0.00	79.22 7.80 0.00	78.26 7.24 -5.85	78.68 5.92 -20.35	166.20 12.87 -34.07	195.14 7.22 -114.42	105.59 5.61 -39.79	76.86 4.12 -22.89	58.51 3.89 -5.12	43.85 3.37 0.00	40.92 3.37 0.00
ASTORIA_GT_8 24108	56.07 4.15 0.00	47.42 3.71 0.00	43.73 3.43 0.00	32.09 2.65 0.00	29.59 2.44 0.00	31.25 2.46 0.00	46.30 3.74 0.00	50.21 4.30 0.00	42.95 4.22 0.00	46.51 4.65 0.00	57.47 5.64 0.00	79.18 7.51 0.00	72.78 7.12 0.00	77.51 7.53 0.00	79.22 7.80 0.00	78.26 7.24 -5.85	78.68 5.92 -20.35	166.20 12.87 -34.07	195.14 7.22 -114.42	105.59 5.61 -39.79	76.86 4.12 -22.89	58.51 3.89 -5.12	43.85 3.37 0.00	40.92 3.37 0.00
ASTORIA___2 24149	55.94 4.01 0.00	47.32 3.61 0.00	43.63 3.34 0.00	32.02 2.58 0.00	29.53 2.37 0.00	31.19 2.40 0.00	46.18 3.63 0.00	50.09 4.18 0.00	42.84 4.11 0.00	46.37 4.51 0.00	57.31 5.48 0.00	78.95 7.28 0.00	72.55 6.88 0.00	77.28 7.29 0.00	78.97 7.55 0.00	78.01 7.00 -5.85	78.50 5.74 -20.35	165.80 12.46 -34.07	194.95 7.02 -114.42	105.41 5.42 -39.80	76.70 3.95 -22.90	58.37 3.75 -5.12	43.74 3.25 0.00	40.81 3.26 0.00
ASTORIA___3 23516	55.76 3.83 0.00	47.19 3.47 0.00	43.59 3.29 0.00	31.91 2.47 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.16 3.60 0.00	50.08 4.17 0.00	42.82 4.09 0.00	46.31 4.45 0.00	57.22 5.39 0.00	78.68 7.01 0.00	72.30 6.64 0.00	77.04 7.06 0.00	78.71 7.29 0.00	77.73 6.71 -5.85	78.23 5.47 -20.35	165.21 11.88 -34.06	194.65 6.73 -114.41	105.15 5.17 -39.79	75.80 3.70 -22.25	58.18 3.56 -5.12	43.61 3.12 0.00	40.68 3.12 0.00
ASTORIA___4 23517	55.76 3.83 0.00	47.19 3.47 0.00	43.58 3.29 0.00	31.91 2.47 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.16 3.60 0.00	50.08 4.17 0.00	42.82 4.09 0.00	46.31 4.46 0.00	57.22 5.39 0.00	78.68 7.01 0.00	72.30 6.64 0.00	77.04 7.06 0.00	78.71 7.29 0.00	77.75 6.73 -5.85	78.23 5.47 -20.35	165.22 11.89 -34.06	194.62 6.70 -114.41	105.15 5.17 -39.79	75.80 3.69 -22.25	58.18 3.56 -5.12	43.60 3.12 0.00	40.68 3.12 0.00
ASTORIA___5 23518	55.76 3.83 0.00	47.19 3.47 0.00	43.64 3.34 0.00	32.02 2.58 0.00	29.53 2.37 0.00	31.19 2.40 0.00	46.18 3.62 0.00	50.06 4.15 0.00	42.82 4.09 0.00	46.31 4.45 0.00	57.22 5.39 0.00	78.69 7.02 0.00	72.30 6.64 0.00	77.04 7.06 0.00	78.72 7.29 0.00	77.73 6.71 -5.85	78.23 5.47 -20.35	165.21 11.88 -34.06	194.65 6.73 -114.41	105.15 5.17 -39.79	75.80 3.70 -22.25	58.18 3.56 -5.12	43.61 3.12 0.00	40.68 3.12 0.00
AST_ENERGY_2_CC3 323677	55.59 3.67 0.00	46.97 3.26 0.00	43.41 3.12 0.00	31.78 2.34 0.00	29.33 2.18 0.00	31.04 2.25 0.00	45.94 3.39 0.00	49.86 3.95 0.00	42.64 3.91 0.00	46.13 4.28 0.00	57.10 5.27 0.00	78.64 6.97 0.00	72.28 6.62 0.00	76.98 7.00 0.00	78.66 7.24 0.00	77.79 6.77 -5.85	78.29 5.54 -20.35	165.47 12.15 -34.06	194.84 6.92 -114.41	105.18 5.20 -39.79	76.49 3.75 -22.89	58.23 3.61 -5.12	43.57 3.09 0.00	40.60 3.04 0.00
AST_ENERGY_2_CC4 323678	55.59 3.67 0.00	46.97 3.26 0.00	43.41 3.12 0.00	31.78 2.34 0.00	29.33 2.18 0.00	31.04 2.25 0.00	45.94 3.39 0.00	49.86 3.95 0.00	42.64 3.91 0.00	46.13 4.28 0.00	57.10 5.27 0.00	78.64 6.97 0.00	72.28 6.62 0.00	76.98 7.00 0.00	78.66 7.24 0.00	77.79 6.77 -5.85	78.29 5.54 -20.35	165.47 12.15 -34.06	194.84 6.92 -114.41	105.18 5.20 -39.79	76.49 3.75 -22.89	58.23 3.61 -5.12	43.57 3.09 0.00	40.60 3.04 0.00

ATHENS_STG_1 23668	53.91 1.99 0.00	45.58 1.86 0.00	42.09 1.79 0.00	30.78 1.34 0.00	28.40 1.25 0.00	30.06 1.27 0.00	44.43 1.88 0.00	48.06 2.15 0.00	40.57 1.84 0.00	43.88 2.02 0.00	54.34 2.51 0.00	75.03 3.36 0.00	68.90 3.24 0.00	73.51 3.53 0.00	75.00 3.58 0.00	74.45 3.33 -5.94	75.77 2.69 -20.68	157.30 5.88 -32.16	168.21 3.42 -91.29	94.33 2.53 -31.60	69.58 1.89 -17.84	55.35 1.87 -3.99	42.03 1.55 0.00	39.01 1.45 0.00
ATHENS_STG_2 23670	53.91 1.99 0.00	45.58 1.86 0.00	42.09 1.79 0.00	30.78 1.34 0.00	28.40 1.25 0.00	30.06 1.27 0.00	44.43 1.88 0.00	48.06 2.15 0.00	40.57 1.84 0.00	43.88 2.02 0.00	54.34 2.51 0.00	75.03 3.36 0.00	68.90 3.24 0.00	73.51 3.53 0.00	75.00 3.58 0.00	74.45 3.33 -5.94	75.77 2.69 -20.68	157.30 5.88 -32.16	168.21 3.42 -91.29	94.33 2.53 -31.60	69.58 1.89 -17.84	55.35 1.87 -3.99	42.03 1.55 0.00	39.01 1.45 0.00
ATHENS_STG_3 23677	53.91 1.99 0.00	45.58 1.86 0.00	42.09 1.79 0.00	30.78 1.34 0.00	28.40 1.25 0.00	30.06 1.27 0.00	44.43 1.88 0.00	48.06 2.15 0.00	40.57 1.84 0.00	43.88 2.02 0.00	54.34 2.51 0.00	75.03 3.36 0.00	68.90 3.24 0.00	73.51 3.53 0.00	75.00 3.58 0.00	74.45 3.33 -5.94	75.77 2.69 -20.68	157.30 5.88 -32.16	168.21 3.42 -91.29	94.33 2.53 -31.60	69.58 1.89 -17.84	55.35 1.87 -3.99	42.03 1.55 0.00	39.01 1.45 0.00
AUBURN___LFGE 323710	52.83 0.90 0.00	44.44 0.73 0.00	40.87 0.58 0.00	29.77 0.33 0.00	27.30 0.16 0.00	28.90 0.11 0.00	42.90 0.35 0.00	46.18 0.28 0.00	39.05 0.32 0.00	42.25 0.39 0.00	52.45 0.62 0.00	72.82 1.15 0.00	66.36 0.70 0.00	70.85 0.87 0.00	72.70 0.99 -0.29	66.46 1.29 0.00	53.06 0.66 0.00	120.73 1.47 0.00	74.59 1.08 0.00	62.10 0.80 -1.11	54.02 0.80 -3.37	54.04 0.75 -3.79	43.44 0.54 -2.42	39.96 0.35 -2.05
BABYLON_RES_REC 323704	55.66 3.74 0.00	47.11 3.40 0.00	43.68 3.38 0.00	31.89 2.45 0.00	29.36 2.21 0.00	30.99 2.20 0.00	45.97 3.42 0.00	49.68 3.77 0.00	42.30 3.57 0.00	45.73 3.87 0.00	56.36 4.53 0.00	77.43 5.76 0.00	71.03 5.37 0.00	75.80 5.82 0.00	77.92 6.49 0.00	77.38 6.36 -5.85	78.08 5.33 -20.34	165.39 12.07 -34.05	194.95 7.07 -114.37	104.96 4.99 -39.78	75.78 3.05 -22.88	57.67 3.05 -5.12	49.24 2.98 -5.79	40.38 2.82 0.00
BABYLON__69_KV_BK2 356345	56.73 4.81 0.00	48.00 4.29 0.00	44.50 4.21 0.00	32.47 3.03 0.00	29.88 2.73 0.00	31.52 2.73 0.00	46.80 4.25 0.00	50.58 4.68 0.00	43.12 4.38 0.00	46.68 4.82 0.00	57.67 5.84 0.00	79.09 7.42 0.00	72.51 6.85 0.00	77.33 7.35 0.00	79.60 8.17 0.00	78.99 7.97 -5.85	79.37 6.62 -20.34	168.44 15.12 -34.05	196.80 8.92 -114.37	106.42 6.45 -39.78	76.92 4.19 -22.88	58.75 4.14 -5.12	50.23 3.97 -5.79	41.16 3.60 0.00
BALL_HILL_WT_PWR 323825	53.46 1.54 0.00	44.44 0.73 0.00	40.57 0.27 0.00	29.13 -0.31 0.00	26.53 -0.62 0.00	27.70 -1.09 0.00	41.30 -1.25 0.00	43.73 -2.17 0.00	37.53 -1.20 0.00	41.62 -0.24 0.00	52.18 0.35 0.00	71.53 -0.15 -0.01	64.54 -1.12 0.00	68.42 -1.98 -0.42	67.40 -1.84 2.18	86.46 -1.20 -22.49	56.22 -1.24 -5.05	145.80 -2.21 -28.74	74.31 -1.55 -2.35	58.92 -1.69 -0.42	48.19 -1.67 0.00	47.58 -1.92 0.00	38.96 -1.53 0.00	36.64 -0.92 0.00
BARON_WINDS___WT_PWR 323822	53.29 1.36 0.00	44.47 0.76 0.00	40.74 0.44 0.00	29.42 -0.03 0.00	26.80 -0.35 0.00	27.84 -0.95 0.00	41.26 -1.30 0.00	44.44 -1.46 0.00	37.84 -0.90 0.00	41.41 -0.45 0.00	51.86 0.03 0.00	71.67 0.00 0.00	64.93 -0.73 0.00	68.20 -1.78 0.00	57.80 -1.72 11.90	72.98 -0.51 -8.32	56.97 -0.53 -5.10	132.19 -0.25 -13.18	75.09 -0.43 -2.01	60.28 -0.75 -0.84	50.08 -0.60 -0.83	49.90 -0.53 -0.94	40.61 -0.47 -0.60	37.67 -0.40 -0.51
BARRETT_IC_1 23704	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_10 23701	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_11 23702	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_12 23703	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_2 23705	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_3 23706	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_4 23707	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00

BARRETT_IC_5 23708	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_6 23709	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_7 23710	56.02 4.09 0.00	47.33 3.62 0.00	43.77 3.47 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.03 6.61 0.00	77.37 6.35 -5.85	78.03 5.29 -20.34	165.19 11.88 -34.05	194.72 6.84 -114.37	104.92 4.95 -39.78	75.92 3.18 -22.88	58.04 3.42 -5.12	49.56 3.29 -5.79	40.64 3.09 0.00
BARRETT_IC_8 23711	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT_IC_9 23700	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT___1 23545	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BARRETT___2 23546	56.01 4.09 0.00	47.33 3.62 0.00	43.78 3.48 0.00	31.98 2.54 0.00	29.46 2.31 0.00	31.14 2.35 0.00	46.10 3.54 0.00	49.71 3.80 0.00	42.35 3.62 0.00	45.84 3.98 0.00	56.65 4.82 0.00	77.62 5.95 0.00	71.32 5.66 0.00	76.13 6.15 0.00	78.02 6.60 0.00	77.36 6.35 -5.84	78.03 5.28 -20.34	165.17 11.87 -34.04	194.71 6.83 -114.37	104.92 4.94 -39.78	75.93 3.19 -22.88	58.04 3.43 -5.12	49.56 3.29 -5.79	40.65 3.09 0.00
BATAVIA__115KV_TB1 55881	54.08 2.16 0.00	45.01 1.30 0.00	41.11 0.82 0.00	29.71 0.27 0.00	27.13 -0.03 0.00	28.48 -0.32 0.00	42.37 -0.19 0.00	44.91 -1.00 0.00	38.38 -0.35 0.00	42.06 0.21 0.00	52.30 0.47 0.00	72.22 0.55 0.00	64.89 -0.78 0.00	77.73 -0.86 -8.62	69.25 -1.26 0.91	78.94 -0.82 -14.59	52.82 -1.02 -1.43	140.86 -1.60 -23.20	89.99 -0.99 -17.47	58.95 -1.26 -0.02	48.85 -1.01 -0.01	48.48 -1.01 0.00	39.69 -0.80 0.00	37.28 -0.28 0.00
BAYONEEC___CTG1 323682	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BAYONEEC___CTG10 323750	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BAYONEEC___CTG2 323683	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BAYONEEC___CTG3 323684	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BAYONEEC___CTG4 323685	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BAYONEEC___CTG5 323686	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BAYONEEC___CTG6 323687	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00

BAYONEEC___CTG7 323688	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BAYONEEC___CTG8 323689	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BAYONEEC___CTG9 323749	55.63 3.72 0.00	46.65 3.30 0.37	43.48 3.18 0.00	31.83 2.39 0.00	29.37 2.22 0.00	31.09 2.29 0.00	46.00 3.45 0.00	49.92 4.01 0.00	42.71 3.98 0.00	46.16 4.32 0.02	50.51 5.31 6.63	78.70 7.03 0.00	72.35 6.68 0.00	77.01 7.03 0.00	78.71 7.28 0.00	76.60 6.81 -4.62	70.52 5.58 -12.53	158.91 12.19 -27.45	186.50 6.95 -106.04	105.24 5.25 -39.79	76.54 3.80 -22.89	58.29 3.67 -5.12	43.65 3.16 0.00	40.69 3.13 0.00
BEACON___LESR 323632	54.06 2.14 0.00	45.61 1.89 0.00	42.04 1.74 0.00	30.74 1.30 0.00	28.38 1.23 0.00	30.11 1.32 0.00	44.43 1.88 0.00	48.22 2.31 0.00	40.54 1.81 0.00	43.90 2.04 0.00	54.53 2.70 0.00	74.95 3.28 0.00	68.95 3.28 0.00	73.80 3.82 0.00	75.17 3.75 0.00	85.02 3.51 -16.34	112.07 2.81 -56.86	254.02 6.35 -128.41	735.79 4.22 -658.06	294.24 3.20 -230.85	189.43 2.16 -137.42	82.45 2.20 -30.75	42.15 1.67 0.00	39.00 1.44 0.00
BEAVER RIVER___HYD 24048	52.39 0.47 0.00	44.07 0.36 0.00	40.75 0.45 0.00	29.75 0.31 0.00	27.46 0.31 0.00	29.20 0.40 0.00	43.24 0.68 0.00	46.63 0.73 0.00	39.39 0.66 0.00	42.45 0.59 0.00	52.34 0.51 0.00	73.18 1.51 0.00	66.86 1.20 0.00	71.18 1.20 0.00	72.59 1.17 0.00	65.51 1.12 0.79	53.58 1.17 0.00	122.26 2.99 0.00	75.02 1.51 0.00	61.84 0.94 -0.70	53.01 1.02 -2.14	52.97 1.07 -2.41	42.65 0.64 -1.53	39.30 0.44 -1.30
BEEBEE_GT_13 23619	52.97 1.05 0.00	44.23 0.51 0.00	40.52 0.23 0.00	29.38 -0.06 0.00	26.92 -0.23 0.00	28.34 -0.45 0.00	42.08 -0.48 0.00	44.86 -1.04 0.00	38.20 -0.53 0.00	41.70 -0.16 0.00	51.92 0.09 0.00	71.67 0.01 0.00	64.99 -0.67 0.00	69.90 -0.97 -0.90	70.27 -1.17 -0.02	64.12 -0.89 0.17	51.46 -0.97 -0.02	117.86 -1.85 -0.45	74.15 -1.17 -1.82	58.93 -1.17 0.00	48.76 -1.27 0.00	48.51 -1.10 0.00	39.69 -0.99 0.00	37.11 -0.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.33 4.40 0.00	47.64 3.93 0.00	44.09 3.80 0.00	32.28 2.84 0.00	29.77 2.62 0.00	31.51 2.72 0.00	46.68 4.13 0.00	50.62 4.72 0.00	43.35 4.61 0.00	46.83 4.98 0.00	57.97 6.14 0.00	79.91 8.24 0.00	73.42 7.76 0.00	78.26 8.28 0.00	79.94 8.52 0.00	78.60 7.58 -5.85	78.86 6.11 -20.35	166.56 13.23 -34.06	195.45 7.53 -114.41	106.12 6.13 -39.80	82.14 4.50 -27.79	58.99 4.33 -5.16	44.20 3.72 0.00	41.20 3.64 0.00
BETHLEHEM___GRP 23843	53.07 1.14 0.00	44.83 1.12 0.00	41.36 1.06 0.00	30.27 0.83 0.00	27.93 0.78 0.00	29.59 0.80 0.00	43.64 1.09 0.00	47.23 1.32 0.00	39.80 1.07 0.00	42.98 1.12 0.00	53.14 1.31 0.00	73.35 1.68 0.00	67.47 1.81 0.00	72.15 2.17 0.00	73.51 2.09 0.00	83.28 1.98 -16.13	110.09 1.57 -56.11	249.00 3.40 -126.33	721.31 2.41 -645.39	288.47 1.89 -226.39	185.69 1.10 -134.74	80.70 1.05 -30.15	41.28 0.81 0.00	38.29 0.73 0.00
BETHLEHEM___GS1 323560	53.07 1.14 0.00	44.83 1.12 0.00	41.36 1.06 0.00	30.27 0.83 0.00	27.93 0.78 0.00	29.59 0.80 0.00	43.64 1.09 0.00	47.23 1.32 0.00	39.80 1.07 0.00	42.98 1.12 0.00	53.14 1.31 0.00	73.35 1.68 0.00	67.47 1.81 0.00	72.15 2.17 0.00	73.51 2.09 0.00	83.27 1.98 -16.13	110.10 1.57 -56.11	248.99 3.39 -126.33	721.31 2.41 -645.39	288.48 1.90 -226.39	185.69 1.10 -134.74	80.70 1.05 -30.15	41.28 0.80 0.00	38.29 0.73 0.00
BETHLEHEM___GS2 323561	53.07 1.14 0.00	44.83 1.12 0.00	41.36 1.06 0.00	30.27 0.83 0.00	27.93 0.78 0.00	29.59 0.80 0.00	43.64 1.09 0.00	47.23 1.32 0.00	39.80 1.07 0.00	42.98 1.12 0.00	53.14 1.31 0.00	73.35 1.68 0.00	67.47 1.81 0.00	72.15 2.17 0.00	73.51 2.09 0.00	83.27 1.98 -16.13	110.10 1.57 -56.11	248.99 3.39 -126.33	721.31 2.41 -645.39	288.48 1.90 -226.39	185.69 1.10 -134.74	80.70 1.05 -30.15	41.28 0.80 0.00	38.29 0.73 0.00
BETHLEHEM___GS3 323562	53.07 1.14 0.00	44.83 1.12 0.00	41.36 1.06 0.00	30.27 0.83 0.00	27.93 0.78 0.00	29.59 0.80 0.00	43.64 1.09 0.00	47.23 1.32 0.00	39.80 1.07 0.00	42.98 1.12 0.00	53.14 1.31 0.00	73.35 1.68 0.00	67.47 1.81 0.00	72.15 2.17 0.00	73.51 2.09 0.00	83.27 1.98 -16.13	110.10 1.57 -56.11	248.99 3.39 -126.33	721.31 2.41 -645.39	288.48 1.90 -226.39	185.69 1.10 -134.74	80.70 1.05 -30.15	41.28 0.80 0.00	38.29 0.73 0.00
BETHLEHEM___STEEL 23779	53.18 1.26 0.00	44.25 0.53 0.00	40.41 0.12 0.00	29.13 -0.31 0.00	26.54 -0.61 0.00	27.73 -1.06 0.00	41.24 -1.32 0.00	43.64 -2.27 0.00	37.36 -1.38 0.00	41.13 -0.73 0.00	51.43 -0.40 0.00	70.58 -1.09 -0.01	63.87 -1.79 0.00	67.85 -2.85 -0.72	66.49 -2.83 2.10	83.46 -2.19 -20.48	55.25 -2.01 -4.85	142.22 -4.09 -27.04	73.86 -2.59 -2.94	58.07 -2.53 -0.42	47.77 -2.08 -0.01	47.29 -2.21 0.00	38.75 -1.73 0.00	36.48 -1.08 0.00
BETHLHEM_115KV_TB1 79974	53.18 1.26 0.00	44.94 1.23 0.00	41.46 1.17 0.00	30.34 0.89 0.00	27.99 0.84 0.00	29.66 0.86 0.00	43.75 1.20 0.00	47.33 1.43 0.00	39.88 1.15 0.00	43.07 1.21 0.00	53.25 1.42 0.00	73.49 1.83 0.00	67.58 1.93 0.00	72.26 2.28 0.00	73.63 2.20 0.00	82.84 2.07 -15.60	108.33 1.65 -54.28	244.12 3.57 -121.29	691.03 2.48 -615.04	277.82 1.91 -215.72	179.35 1.17 -128.33	79.35 1.14 -28.71	41.36 0.88 0.00	38.38 0.82 0.00
BETHPAGE_CC_5 323564	55.92 3.99 0.00	47.32 3.60 0.00	43.84 3.54 0.00	32.01 2.57 0.00	29.48 2.33 0.00	31.13 2.33 0.00	46.16 3.60 0.00	49.87 3.96 0.00	42.50 3.77 0.00	45.94 4.08 0.00	56.72 4.89 0.00	78.02 6.35 0.00	71.64 5.99 0.00	76.49 6.51 0.00	78.57 7.15 0.00	77.91 6.90 -5.85	78.50 5.75 -20.34	166.34 13.02 -34.05	195.46 7.58 -114.37	105.39 5.42 -39.78	76.15 3.43 -22.88	58.08 3.46 -5.12	49.52 3.25 -5.79	40.62 3.06 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	53.32 1.40 0.00	44.36 0.65 0.00	40.52 0.23 0.00	29.22 -0.23 0.00	26.61 -0.54 0.00	27.80 -1.00 0.00	41.36 -1.19 0.00	43.80 -2.11 0.00	37.51 -1.22 0.00	41.30 -0.56 0.00	51.68 -0.15 0.00	70.92 -0.75 -0.01	64.23 -1.43 0.00	68.11 -2.57 -0.71	66.97 -2.44 2.02	83.46 -1.81 -20.10	55.57 -1.68 -4.85	142.50 -3.37 -26.61	74.28 -2.14 -2.92	58.44 -2.17 -0.42	48.07 -1.78 -0.01	47.49 -2.00 0.00	38.90 -1.58 0.00	36.60 -0.96 0.00

BINGHAMTON___COGEN 23790	53.21 1.28 0.00	44.67 0.96 0.00	41.13 0.83 0.00	29.89 0.45 0.00	27.55 0.40 0.00	29.04 0.25 0.00	43.07 0.52 0.00	46.52 0.61 0.00	39.42 0.69 0.00	42.93 1.07 0.00	53.32 1.50 0.00	73.65 1.98 0.00	67.27 1.61 0.00	71.45 1.47 0.00	72.87 1.44 0.00	70.45 1.41 -3.87	60.87 1.18 -7.29	137.13 3.08 -14.79	123.28 1.65 -48.12	78.57 1.09 -17.29	61.82 0.65 -11.32	54.10 0.67 -3.93	42.15 0.55 -1.11	39.01 0.50 -0.95
BIXINCNT_115KV_LOAD 355685	53.60 1.67 0.00	44.60 0.89 0.00	40.79 0.49 0.00	29.35 -0.10 0.00	26.50 -0.65 0.00	27.53 -1.27 0.00	41.17 -1.39 0.00	43.84 -2.07 0.00	37.67 -1.06 0.00	41.64 -0.22 0.00	52.25 0.42 0.00	72.06 0.38 -0.01	65.14 -0.52 0.00	68.73 -1.80 -0.55	68.72 -1.41 1.30	81.03 -0.98 -16.84	56.12 -1.14 -4.85	140.19 -1.98 -22.91	74.95 -1.28 -2.72	59.09 -1.56 -0.45	48.58 -1.28 0.00	48.15 -1.35 0.00	39.19 -1.30 0.00	36.83 -0.73 0.00
BLACK RIVER___HYD 24047	52.84 0.91 0.00	44.36 0.65 0.00	41.04 0.75 0.00	29.96 0.52 0.00	27.66 0.51 0.00	29.43 0.64 0.00	43.66 1.10 0.00	47.08 1.17 0.00	39.83 1.10 0.00	43.04 1.18 0.00	52.95 1.12 0.00	74.02 2.35 0.00	67.52 1.86 0.00	71.57 1.59 0.00	73.19 1.76 0.00	66.18 1.55 0.55	53.98 1.58 0.00	123.34 4.08 0.00	75.92 2.41 0.00	63.11 1.72 -1.20	55.07 1.58 -3.64	55.23 1.63 -4.10	44.14 1.04 -2.61	40.59 0.81 -2.22
BLACKRVR_115KV_TB2 79977	52.84 0.92 0.00	44.36 0.65 0.00	41.04 0.75 0.00	29.96 0.52 0.00	27.67 0.51 0.00	29.43 0.64 0.00	43.66 1.10 0.00	47.08 1.18 0.00	39.83 1.10 0.00	43.04 1.18 0.00	52.95 1.12 0.00	74.02 2.35 0.00	67.52 1.86 0.00	71.57 1.59 0.00	73.19 1.76 0.00	66.18 1.55 0.55	53.98 1.58 0.00	123.33 4.07 0.00	75.93 2.42 0.00	63.11 1.72 -1.20	55.08 1.58 -3.64	55.23 1.64 -4.10	44.14 1.05 -2.61	40.59 0.81 -2.22
BLISS_WT_PWR 323608	53.60 1.68 0.00	44.60 0.89 0.00	40.78 0.49 0.00	29.33 -0.12 0.00	26.40 -0.75 0.00	27.37 -1.43 0.00	40.97 -1.59 0.00	43.63 -2.28 0.00	37.52 -1.22 0.00	41.50 -0.35 0.00	52.13 0.30 0.00	71.99 0.32 -0.01	65.08 -0.58 0.00	68.61 -1.92 -0.55	68.65 -1.47 1.30	81.10 -0.91 -16.84	56.09 -1.17 -4.85	140.23 -1.94 -22.91	74.91 -1.32 -2.72	59.07 -1.57 -0.45	48.58 -1.27 0.00	48.16 -1.34 0.00	39.10 -1.38 0.00	36.78 -0.78 0.00
BLUESTONE___WT_PWR 323821	56.11 4.19 0.00	47.06 3.35 0.00	43.25 2.95 0.00	31.45 2.01 0.00	28.93 1.78 0.00	30.26 1.47 0.00	44.60 2.05 0.00	48.11 2.20 0.00	41.00 2.26 0.00	44.83 2.97 0.00	55.01 3.18 0.00	74.14 2.47 0.00	67.59 1.93 0.00	71.99 2.01 0.00	72.97 1.55 0.00	71.31 1.70 -4.43	64.63 1.37 -10.85	146.52 4.75 -22.50	167.08 2.31 -90.92	94.74 2.31 -32.24	72.33 2.44 -20.04	57.40 2.22 -5.69	43.18 1.75 -0.96	39.31 0.94 -0.81
BLUE_CIRC_CHEM_DRP 24182	53.72 1.80 0.00	45.42 1.71 0.00	41.91 1.61 0.00	30.66 1.21 0.00	28.28 1.13 0.00	29.97 1.18 0.00	44.18 1.63 0.00	47.70 1.79 0.00	40.12 1.39 0.00	43.29 1.43 0.00	53.38 1.56 0.00	73.33 1.66 0.00	67.19 1.53 0.00	71.79 1.81 0.00	73.24 1.82 0.00	79.83 1.65 -13.01	99.02 1.35 -45.27	218.83 2.92 -96.64	542.31 1.91 -466.89	225.23 1.41 -163.62	147.84 0.96 -97.03	72.19 0.99 -21.71	41.37 0.89 0.00	38.60 1.04 0.00
BOC_GAS_DRP 24189	53.38 1.46 0.00	45.12 1.41 0.00	41.64 1.34 0.00	30.46 1.02 0.00	28.10 0.95 0.00	29.76 0.97 0.00	43.94 1.39 0.00	47.48 1.58 0.00	40.02 1.29 0.00	43.22 1.36 0.00	53.43 1.60 0.00	73.73 2.06 0.00	67.70 2.04 0.00	72.31 2.33 0.00	73.73 2.30 0.00	79.96 2.14 -12.65	98.14 1.70 -44.04	216.16 3.65 -93.24	522.12 2.26 -446.36	218.30 1.71 -156.40	143.74 1.20 -92.69	71.44 1.20 -20.74	41.47 0.99 0.00	38.51 0.95 0.00
BOONVILLE_115KV_TB1 79983	53.52 1.59 0.00	45.03 1.32 0.00	41.54 1.24 0.00	30.31 0.86 0.00	27.95 0.80 0.00	29.66 0.87 0.00	43.92 1.36 0.00	47.39 1.48 0.00	40.04 1.31 0.00	43.22 1.36 0.00	53.44 1.61 0.00	74.31 2.64 0.00	68.16 2.50 0.00	72.74 2.76 0.00	74.11 2.68 0.00	67.50 2.53 0.20	54.73 2.32 0.00	124.72 5.45 0.00	76.51 3.00 0.00	62.84 2.33 -0.32	52.78 1.95 -0.98	52.52 1.92 -1.11	42.58 1.39 -0.71	39.32 1.16 -0.60
BORALEX_4TH_BRANCH 23824	55.27 3.34 0.00	46.60 2.89 0.00	42.99 2.69 0.00	31.52 2.08 0.00	29.10 1.95 0.00	30.81 2.02 0.00	45.09 2.54 0.00	48.75 2.84 0.00	41.06 2.33 0.00	44.30 2.44 0.00	54.88 3.05 0.00	75.74 4.08 0.00	70.14 4.49 0.00	75.22 5.24 0.00	76.54 5.11 0.00	90.26 4.90 -20.19	126.36 3.70 -70.25	292.68 8.23 -165.18	957.77 4.75 -879.51	372.44 3.53 -308.72	236.98 2.91 -184.22	93.90 3.19 -41.22	42.94 2.46 0.00	39.65 2.10 0.00
BOWLINE___1 23526	55.24 3.32 0.00	46.62 2.91 0.00	43.01 2.71 0.00	31.44 2.00 0.00	29.00 1.85 0.00	30.69 1.90 0.00	45.47 2.92 0.00	49.35 3.44 0.00	42.08 3.35 0.00	45.57 3.71 0.00	56.50 4.67 0.00	77.98 6.32 0.00	71.60 5.94 0.00	76.21 6.23 0.00	77.86 6.44 0.00	76.80 6.01 -5.61	76.87 4.94 -19.53	162.98 11.04 -32.67	189.50 6.42 -109.57	103.12 4.82 -38.11	75.19 3.43 -21.92	57.73 3.33 -4.90	43.28 2.80 0.00	40.23 2.68 0.00
BOWLINE___2 23595	55.24 3.31 0.00	46.62 2.91 0.00	43.01 2.71 0.00	31.44 2.00 0.00	29.00 1.85 0.00	30.69 1.90 0.00	45.47 2.92 0.00	49.35 3.44 0.00	42.08 3.35 0.00	45.57 3.71 0.00	56.50 4.67 0.00	77.98 6.31 0.00	71.60 5.94 0.00	76.21 6.23 0.00	77.86 6.44 0.00	76.80 6.01 -5.61	76.87 4.94 -19.53	162.98 11.04 -32.68	189.51 6.42 -109.58	103.13 4.82 -38.11	75.20 3.43 -21.92	57.74 3.33 -4.90	43.28 2.80 0.00	40.23 2.68 0.00
BRADY___115KV_TB2 356060	50.69 -1.24 0.00	42.36 -1.35 0.00	39.04 -1.25 0.00	28.54 -0.90 0.00	26.40 -0.75 0.00	28.22 -0.57 0.00	41.72 -0.83 0.00	44.84 -1.07 0.00	37.81 -0.93 0.00	40.79 -1.07 0.00	50.50 -1.33 0.00	69.89 -1.78 0.00	64.01 -1.65 0.00	68.06 -1.92 0.00	69.24 -2.18 0.00	60.31 -2.28 2.59	50.51 -1.89 0.00	115.55 -3.71 0.00	71.29 -2.21 0.00	58.33 -1.86 0.00	49.11 -0.74 0.00	48.79 -0.71 0.00	39.95 -0.53 0.00	37.15 -0.41 0.00
BRANSCOMB___SOLAR 323811	55.10 3.18 0.00	46.38 2.67 0.00	42.76 2.46 0.00	31.29 1.85 0.00	28.97 1.82 0.00	30.74 1.95 0.00	45.36 2.80 0.00	49.00 3.09 0.00	41.36 2.62 0.00	44.72 2.87 0.00	55.28 3.45 0.00	76.42 4.75 0.00	70.27 4.61 0.00	75.17 5.19 0.00	76.57 5.14 0.00	95.32 4.88 -25.27	144.37 4.02 -87.94	341.74 9.49 -212.99	1243.68 5.94 -1164.23	473.56 4.55 -408.82	297.91 3.73 -244.34	107.87 3.70 -54.67	43.30 2.82 0.00	39.98 2.42 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	56.26 4.34 0.00	47.64 3.93 0.00	44.23 3.93 0.00	32.28 2.84 0.00	29.72 2.57 0.00	31.33 2.54 0.00	46.51 3.96 0.00	50.20 4.29 0.00	42.77 4.04 0.00	46.31 4.45 0.00	57.11 5.28 0.00	78.04 6.37 0.00	71.53 5.87 0.00	76.24 6.26 0.00	78.46 7.04 0.00	77.95 6.93 -5.85	78.51 5.76 -20.34	166.39 13.07 -34.05	195.57 7.69 -114.37	105.42 5.45 -39.78	76.08 3.35 -22.88	57.93 3.32 -5.12	49.82 3.55 -5.79	40.78 3.22 0.00

BRISTLHL_115KV_TB1 79998	51.40 -0.53 0.00	43.21 -0.51 0.00	39.77 -0.52 0.00	28.99 -0.45 0.00	26.70 -0.45 0.00	28.24 -0.55 0.00	41.83 -0.72 0.00	45.08 -0.83 0.00	38.04 -0.69 0.00	41.12 -0.74 0.00	50.93 -0.90 0.00	70.51 -1.16 0.00	64.50 -1.16 0.00	68.65 -1.33 0.00	69.96 -1.46 0.00	64.14 -1.03 0.00	51.52 -0.89 0.00	117.24 -2.02 0.00	72.42 -1.09 0.00	62.10 -0.75 -2.66	57.37 -0.56 -8.08	58.08 -0.50 -9.10	45.78 -0.50 -5.80	41.98 -0.50 -4.92
BROOKHAVEN___DRP 24191	56.05 4.12 0.00	47.45 3.74 0.00	44.03 3.73 0.00	32.13 2.69 0.00	29.56 2.41 0.00	31.15 2.36 0.00	46.29 3.74 0.00	50.01 4.11 0.00	42.54 3.81 0.00	46.11 4.26 0.00	57.12 5.30 0.00	78.48 6.81 0.00	71.69 6.03 0.00	76.36 6.38 0.00	78.74 7.32 0.00	78.28 7.26 -5.85	78.69 5.94 -20.34	166.87 13.55 -34.05	195.78 7.91 -114.37	105.61 5.63 -39.78	76.21 3.48 -22.88	57.98 3.36 -5.12	49.62 3.35 -5.79	40.49 2.93 0.00
BROOKLYN_NAVY_YARD 23515	55.73 3.81 0.00	47.08 3.36 0.00	43.50 3.20 0.00	31.83 2.39 0.00	29.38 2.24 0.00	31.09 2.30 0.00	46.05 3.50 0.00	49.97 4.06 0.00	42.73 4.00 0.00	46.23 4.37 0.00	57.22 5.39 0.00	78.82 7.15 0.00	72.45 6.78 0.00	77.15 7.17 0.00	78.85 7.43 0.00	77.97 6.95 -5.85	78.43 5.68 -20.35	165.78 12.45 -34.06	195.01 7.09 -114.41	105.36 5.37 -39.79	76.61 3.87 -22.89	58.33 3.72 -5.12	43.69 3.20 0.00	40.69 3.13 0.00
BROOKLYN___ARMY_DRP 323595	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.35 12.02 -34.06	194.75 6.82 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
BROOKVLE_69_KV_TB1 55790	56.70 4.77 0.00	47.91 4.20 0.00	44.29 4.00 0.00	32.34 2.90 0.00	29.79 2.63 0.00	31.47 2.67 0.00	46.67 4.12 0.00	50.54 4.63 0.00	43.15 4.42 0.00	46.66 4.80 0.00	57.63 5.80 0.00	79.33 7.66 0.00	72.94 7.28 0.00	77.94 7.96 0.00	80.00 8.58 0.00	79.18 8.17 -5.85	79.47 6.73 -20.34	168.47 15.15 -34.05	196.63 8.75 -114.37	106.33 6.35 -39.78	77.00 4.26 -22.88	58.87 4.25 -5.12	50.07 3.81 -5.79	41.20 3.64 0.00
BROOME_2_LFGE 323671	53.21 1.28 0.00	44.67 0.96 0.00	41.12 0.83 0.00	29.90 0.45 0.00	27.55 0.40 0.00	29.04 0.25 0.00	43.07 0.52 0.00	46.52 0.61 0.00	39.42 0.69 0.00	42.93 1.07 0.00	53.33 1.50 0.00	73.66 1.99 0.00	67.27 1.61 0.00	71.44 1.46 0.00	72.87 1.44 0.00	70.46 1.41 -3.87	60.87 1.18 -7.29	137.13 3.08 -14.79	123.23 1.61 -48.12	78.56 1.08 -17.29	61.82 0.65 -11.32	54.10 0.67 -3.93	42.13 0.54 -1.11	39.01 0.50 -0.95
BROOME___LFGE 323600	53.21 1.28 0.00	44.67 0.96 0.00	41.12 0.83 0.00	29.90 0.45 0.00	27.55 0.40 0.00	29.04 0.25 0.00	43.07 0.52 0.00	46.52 0.61 0.00	39.42 0.69 0.00	42.93 1.07 0.00	53.33 1.50 0.00	73.66 1.99 0.00	67.27 1.61 0.00	71.44 1.46 0.00	72.87 1.44 0.00	70.46 1.41 -3.87	60.87 1.18 -7.29	137.13 3.08 -14.79	123.23 1.61 -48.12	78.56 1.08 -17.29	61.82 0.65 -11.32	54.10 0.67 -3.93	42.13 0.54 -1.11	39.01 0.50 -0.95
BROWNFLS_115KV_TB_3_5 80003	51.11 -0.81 0.00	42.96 -0.75 0.00	39.73 -0.57 0.00	29.02 -0.42 0.00	26.80 -0.35 0.00	28.51 -0.28 0.00	42.16 -0.39 0.00	45.49 -0.42 0.00	38.41 -0.32 0.00	41.43 -0.43 0.00	51.19 -0.64 0.00	71.35 -0.32 0.00	65.23 -0.44 0.00	69.51 -0.47 0.00	70.74 -0.68 0.00	62.99 -0.68 1.50	51.97 -0.43 0.00	118.71 -0.56 0.00	72.83 -0.68 0.00	59.74 -0.94 -0.48	51.16 -0.16 -1.47	51.04 -0.10 -1.65	41.28 -0.26 -1.05	38.20 -0.26 -0.89
BROWNSV1_27_KV_LOAD 356125	56.57 4.64 0.00	47.75 4.04 0.00	44.11 3.81 0.00	32.26 2.81 0.00	29.76 2.60 0.00	31.50 2.71 0.00	46.66 4.11 0.00	50.65 4.74 0.00	43.34 4.61 0.00	46.90 5.04 0.00	58.08 6.25 0.00	80.04 8.37 0.00	73.57 7.91 0.00	78.34 8.36 0.00	80.08 8.65 0.00	79.08 8.06 -5.85	79.33 6.57 -20.35	167.83 14.50 -34.06	196.25 8.33 -114.41	106.32 6.33 -39.79	77.41 4.67 -22.89	59.14 4.53 -5.12	44.31 3.83 0.00	41.27 3.71 0.00
BURROWS___LYONSDAL 23803	53.29 1.37 0.00	44.85 1.14 0.00	41.40 1.10 0.00	30.21 0.76 0.00	27.87 0.72 0.00	29.59 0.80 0.00	43.79 1.24 0.00	47.24 1.34 0.00	39.91 1.18 0.00	43.04 1.18 0.00	53.17 1.34 0.00	74.08 2.42 0.00	67.92 2.26 0.00	72.44 2.46 0.00	73.81 2.39 0.00	67.15 2.29 0.31	54.54 2.14 0.00	124.27 5.01 0.00	76.23 2.73 0.00	62.67 2.08 -0.40	52.84 1.78 -1.21	52.64 1.78 -1.36	42.61 1.26 -0.87	39.33 1.03 -0.74
CAITHNESS_CC_1 323624	55.95 4.03 0.00	47.41 3.70 0.00	44.01 3.72 0.00	32.12 2.67 0.00	29.55 2.40 0.00	31.15 2.36 0.00	46.26 3.71 0.00	49.97 4.07 0.00	42.50 3.77 0.00	46.06 4.20 0.00	57.03 5.20 0.00	78.34 6.67 0.00	71.61 5.95 0.00	76.27 6.29 0.00	78.61 7.19 0.00	78.12 7.11 -5.85	78.59 5.84 -20.34	166.59 13.27 -34.05	195.65 7.77 -114.37	105.50 5.52 -39.78	76.10 3.37 -22.88	57.91 3.29 -5.12	49.56 3.29 -5.79	40.46 2.90 0.00
CALPINE BETH_PAGE_GT4 24209	55.98 4.06 0.00	47.35 3.64 0.00	43.85 3.55 0.00	32.02 2.58 0.00	29.49 2.34 0.00	31.15 2.36 0.00	46.19 3.64 0.00	49.91 4.01 0.00	42.54 3.81 0.00	45.92 4.06 0.00	56.70 4.87 0.00	78.01 6.34 0.00	71.64 5.98 0.00	76.49 6.51 0.00	78.55 7.12 0.00	77.91 6.89 -5.85	78.49 5.74 -20.34	166.31 12.99 -34.05	195.42 7.54 -114.37	105.39 5.42 -39.78	76.16 3.43 -22.88	58.07 3.46 -5.12	49.52 3.25 -5.79	40.69 3.12 0.00
CALPINE_BETH_PAGE_GT_4 323586	55.98 4.05 0.00	47.35 3.64 0.00	43.85 3.55 0.00	32.02 2.58 0.00	29.49 2.34 0.00	31.15 2.36 0.00	46.19 3.64 0.00	49.91 4.01 0.00	42.54 3.81 0.00	45.91 4.06 0.00	56.70 4.87 0.00	78.01 6.34 0.00	71.64 5.98 0.00	76.49 6.51 0.00	78.55 7.13 0.00	77.91 6.89 -5.85	78.49 5.74 -20.34	166.28 12.97 -34.05	195.41 7.53 -114.37	105.38 5.41 -39.78	76.15 3.42 -22.88	58.07 3.45 -5.12	49.52 3.26 -5.79	40.68 3.12 0.00
CALPINE_BP_GT1 23823	55.98 4.05 0.00	47.35 3.64 0.00	43.85 3.55 0.00	32.02 2.58 0.00	29.49 2.34 0.00	31.15 2.36 0.00	46.19 3.64 0.00	49.91 4.01 0.00	42.54 3.81 0.00	45.91 4.06 0.00	56.70 4.87 0.00	78.01 6.34 0.00	71.64 5.98 0.00	76.49 6.51 0.00	78.55 7.13 0.00	77.91 6.89 -5.85	78.49 5.74 -20.34	166.28 12.97 -34.05	195.41 7.53 -114.37	105.38 5.41 -39.78	76.15 3.42 -22.88	58.07 3.45 -5.12	49.52 3.26 -5.79	40.68 3.12 0.00
CALSPAN___DRP 24200	53.18 1.26 0.00	44.25 0.53 0.00	40.41 0.12 0.00	29.13 -0.31 0.00	26.54 -0.61 0.00	27.73 -1.06 0.00	41.24 -1.32 0.00	43.64 -2.27 0.00	37.36 -1.38 0.00	41.13 -0.73 0.00	51.43 -0.40 0.00	70.58 -1.09 0.00	63.87 -1.79 0.00	67.85 -2.85 -0.72	66.49 -2.83 2.10	83.46 -2.19 -20.48	55.25 -2.01 -4.85	142.22 -4.09 -27.04	73.86 -2.59 -2.94	58.07 -2.53 -0.42	47.77 -2.08 -0.01	47.29 -2.21 0.00	38.75 -1.73 0.00	36.48 -1.08 0.00

CALVERTON___SOLAR 323806	56.19 4.26 0.00	47.55 3.83 0.00	44.10 3.81 0.00	32.18 2.74 0.00	29.60 2.45 0.00	31.18 2.39 0.00	46.33 3.78 0.00	50.10 4.20 0.00	42.62 3.89 0.00	46.23 4.37 0.00	57.28 5.45 0.00	78.71 7.05 0.00	71.87 6.21 0.00	76.54 6.56 0.00	78.96 7.54 0.00	78.48 7.47 -5.85	78.84 6.10 -20.34	167.20 13.88 -34.05	195.98 8.10 -114.37	105.75 5.78 -39.78	76.31 3.58 -22.88	58.08 3.47 -5.12	49.72 3.45 -5.79	40.56 3.00 0.00
CANDIGU_WT_PWR 323617	53.29 1.36 0.00	44.47 0.76 0.00	40.74 0.44 0.00	29.42 -0.03 0.00	26.80 -0.35 0.00	27.84 -0.95 0.00	41.26 -1.30 0.00	44.44 -1.46 0.00	37.84 -0.90 0.00	41.41 -0.45 0.00	51.86 0.03 0.00	71.67 0.00 0.00	64.93 -0.73 0.00	68.20 -1.78 0.00	57.80 -1.72 11.90	72.98 -0.51 -8.32	56.97 -0.53 -5.10	132.19 -0.25 -13.18	75.09 -0.43 -2.01	60.28 -0.75 -0.84	50.08 -0.60 -0.83	49.90 -0.53 -0.94	40.61 -0.47 -0.60	37.67 -0.40 -0.51
CARR STREET_E_SYR 24060	51.84 -0.08 0.00	43.56 -0.15 0.00	40.08 -0.21 0.00	29.20 -0.24 0.00	26.89 -0.26 0.00	28.43 -0.36 0.00	42.11 -0.44 0.00	45.40 -0.51 0.00	38.39 -0.34 0.00	41.58 -0.28 0.00	51.59 -0.24 0.00	71.46 -0.20 0.00	65.41 -0.25 0.00	69.66 -0.32 0.00	71.11 -0.31 0.00	65.01 -0.16 0.00	52.22 -0.19 0.00	118.69 -0.57 0.00	73.18 -0.33 0.00	60.62 -0.28 -0.71	51.75 -0.26 -2.16	51.72 -0.22 -2.44	41.79 -0.24 -1.55	38.65 -0.22 -1.32
CARTHAGE___PAPER 23857	52.87 0.94 0.00	44.41 0.70 0.00	41.07 0.78 0.00	29.97 0.52 0.00	27.69 0.54 0.00	29.48 0.69 0.00	43.67 1.12 0.00	47.10 1.19 0.00	39.81 1.08 0.00	42.96 1.10 0.00	52.89 1.06 0.00	73.94 2.28 0.00	67.38 1.72 0.00	71.66 1.68 0.00	73.21 1.79 0.00	66.19 1.66 0.64	54.01 1.61 0.00	123.36 4.10 0.00	75.77 2.27 0.00	62.83 1.63 -1.01	54.45 1.54 -3.06	54.53 1.59 -3.44	43.72 1.04 -2.20	40.23 0.81 -1.86
CASSADAGA_WT_PWR 323784	55.10 3.18 0.00	45.71 2.00 0.00	41.46 1.16 0.00	29.45 0.01 0.00	26.63 -0.52 0.00	27.70 -1.10 0.00	41.50 -1.06 0.00	43.79 -2.11 0.00	37.93 -0.80 0.00	43.29 1.43 0.00	54.61 2.78 0.00	74.95 3.27 -0.01	68.36 2.69 0.00	72.69 2.26 -0.46	72.47 2.58 1.54	87.00 2.79 -19.04	59.25 1.90 -4.94	149.33 4.95 -25.11	78.79 2.78 -2.50	62.30 1.66 -0.44	50.70 0.85 0.00	49.76 0.26 0.00	40.11 -0.37 0.00	37.58 0.02 0.00
CE_DUNWOOD___DRP 24194	55.56 3.64 0.00	46.89 3.18 0.00	43.29 2.99 0.00	31.66 2.21 0.00	29.21 2.06 0.00	30.91 2.11 0.00	45.77 3.22 0.00	49.65 3.74 0.00	42.34 3.61 0.00	45.84 3.98 0.00	56.78 4.95 0.00	78.31 6.64 0.00	71.94 6.28 0.00	76.67 6.69 0.00	78.34 6.92 0.00	77.49 6.49 -5.83	78.01 5.32 -20.29	165.03 11.79 -33.97	194.41 6.77 -114.13	104.97 5.08 -39.70	76.34 3.66 -22.83	58.16 3.55 -5.11	43.48 3.00 0.00	40.44 2.87 0.00
CE_MILLWOOD___DRP 24193	55.44 3.52 0.00	46.78 3.07 0.00	43.18 2.89 0.00	31.58 2.14 0.00	29.14 1.98 0.00	30.83 2.04 0.00	45.67 3.11 0.00	49.53 3.62 0.00	42.23 3.50 0.00	45.72 3.86 0.00	56.65 4.82 0.00	78.11 6.45 0.00	71.78 6.12 0.00	76.49 6.51 0.00	78.15 6.73 0.00	77.28 6.30 -5.80	77.77 5.17 -20.19	164.54 11.48 -33.81	193.66 6.60 -113.56	104.65 4.96 -39.49	76.13 3.56 -22.72	58.05 3.46 -5.08	43.39 2.91 0.00	40.35 2.79 0.00
CE_NYC2_DRP 24202	55.77 3.84 0.00	47.20 3.49 0.00	43.61 3.31 0.00	31.93 2.48 0.00	29.45 2.30 0.00	31.17 2.38 0.00	46.18 3.63 0.00	50.12 4.21 0.00	42.86 4.13 0.00	46.36 4.50 0.00	57.30 5.47 0.00	78.79 7.12 0.00	72.38 6.72 0.00	77.10 7.13 0.00	78.79 7.37 0.00	77.82 6.80 -5.85	78.28 5.53 -20.35	165.34 12.01 -34.06	194.70 6.78 -114.41	105.22 5.23 -39.79	75.85 3.75 -22.25	58.23 3.61 -5.12	43.63 3.15 0.00	40.71 3.15 0.00
CE_NYC_DRP 24195	55.78 3.85 0.00	47.12 3.41 0.00	43.55 3.25 0.00	31.87 2.42 0.00	29.40 2.25 0.00	31.14 2.35 0.00	46.10 3.55 0.00	50.03 4.12 0.00	42.79 4.06 0.00	46.31 4.45 0.00	57.31 5.48 0.00	78.94 7.27 0.00	72.56 6.89 0.00	77.27 7.29 0.00	78.96 7.53 0.00	78.06 7.04 -5.85	78.52 5.76 -20.35	165.97 12.64 -34.06	195.10 7.19 -114.41	105.41 5.42 -39.79	76.67 3.93 -22.89	58.42 3.80 -5.12	43.72 3.24 0.00	40.75 3.19 0.00
CHAFFEE___LFGE 323603	53.42 1.49 0.00	44.47 0.75 0.00	40.62 0.32 0.00	29.29 -0.15 0.00	26.71 -0.45 0.00	27.92 -0.87 0.00	41.54 -1.01 0.00	44.02 -1.88 0.00	37.64 -1.09 0.00	41.44 -0.41 0.00	51.84 0.02 0.00	71.14 -0.53 0.00	64.46 -1.20 0.00	68.40 -2.21 -0.64	67.55 -2.19 1.69	82.17 -1.59 -18.60	55.68 -1.57 -4.85	141.21 -2.96 -24.90	74.33 -2.01 -2.83	58.55 -2.07 -0.43	48.20 -1.65 0.00	47.68 -1.82 0.00	39.04 -1.45 0.00	36.71 -0.85 0.00
CHATEAUG_35_KV_LOAD 355732	50.84 -1.08 0.00	42.42 -1.29 0.00	39.27 -1.03 0.00	28.80 -0.65 0.00	26.67 -0.48 0.00	28.52 -0.27 0.00	42.01 -0.55 0.00	45.22 -0.69 0.00	37.98 -0.75 0.00	41.05 -0.81 0.00	50.83 -1.00 0.00	70.41 -1.26 0.00	64.55 -1.11 0.00	68.39 -1.59 0.00	68.83 -2.59 0.00	59.59 -2.78 2.80	49.47 -2.93 0.00	114.87 -4.39 0.00	71.18 -2.33 0.00	59.56 -0.63 0.00	49.21 -0.64 0.00	48.90 -0.60 0.00	39.94 -0.54 0.00	37.07 -0.49 0.00
CHATEAUG_WT_PWR 323614	50.86 -1.06 0.00	42.49 -1.22 0.00	39.36 -0.94 0.00	28.89 -0.55 0.00	26.76 -0.39 0.00	28.57 -0.23 0.00	42.05 -0.50 0.00	45.27 -0.63 0.00	38.13 -0.60 0.00	41.17 -0.68 0.00	51.00 -0.83 0.00	70.60 -1.07 0.00	64.68 -0.99 0.00	68.51 -1.47 0.00	68.83 -2.59 0.00	59.49 -2.83 2.85	49.25 -3.15 0.00	114.79 -4.47 0.00	71.20 -2.31 0.00	59.50 -0.69 0.00	49.24 -0.61 0.00	48.91 -0.59 0.00	39.94 -0.54 0.00	37.08 -0.47 0.00
CHAT_HIGH_FALL_HYD 323578	50.84 -1.08 0.00	42.42 -1.29 0.00	39.27 -1.03 0.00	28.80 -0.65 0.00	26.67 -0.48 0.00	28.52 -0.27 0.00	42.01 -0.55 0.00	45.22 -0.69 0.00	37.98 -0.75 0.00	41.05 -0.81 0.00	50.83 -1.00 0.00	70.41 -1.26 0.00	64.55 -1.11 0.00	68.39 -1.59 0.00	68.83 -2.59 0.00	59.59 -2.78 2.80	49.47 -2.93 0.00	114.87 -4.39 0.00	71.18 -2.33 0.00	59.56 -0.63 0.00	49.21 -0.64 0.00	48.90 -0.60 0.00	39.94 -0.54 0.00	37.07 -0.49 0.00
CHAUTAUQUA___LFGE 323629	54.24 2.31 0.00	45.02 1.31 0.00	41.03 0.73 0.00	29.34 -0.10 0.00	26.67 -0.48 0.00	27.81 -0.98 0.00	41.59 -0.96 0.00	44.04 -1.87 0.00	37.90 -0.83 0.00	42.39 0.53 0.00	53.36 1.53 0.00	73.02 1.35 -0.01	65.98 0.32 0.00	70.07 -0.38 -0.48	69.31 -0.16 1.95	86.28 0.32 -20.78	57.41 0.03 -4.98	146.92 0.65 -27.00	76.14 0.15 -2.49	60.29 -0.33 -0.43	49.11 -0.74 0.00	48.36 -1.14 0.00	39.52 -0.96 0.00	37.07 -0.49 0.00
CHERRYST_13_KV_LD 356241	55.98 4.05 0.00	47.29 3.58 0.00	43.70 3.41 0.00	31.98 2.54 0.00	29.51 2.36 0.00	31.26 2.46 0.00	46.29 3.73 0.00	50.25 4.35 0.00	43.01 4.28 0.00	46.56 4.70 0.00	57.65 5.82 0.00	79.40 7.74 0.00	72.97 7.31 0.00	77.71 7.73 0.00	79.41 7.99 0.00	78.49 7.48 -5.85	78.84 6.09 -20.35	166.68 13.36 -34.06	195.53 7.61 -114.41	105.71 5.73 -39.79	76.90 4.16 -22.89	58.64 4.02 -5.12	43.90 3.42 0.00	40.90 3.34 0.00

CHESTROR_138KV_BK263 355645	54.95 3.03 0.00	46.34 2.63 0.00	42.74 2.44 0.00	31.24 1.80 0.00	28.81 1.66 0.00	30.49 1.69 0.00	45.16 2.60 0.00	48.97 3.06 0.00	41.66 2.93 0.00	45.11 3.26 0.00	55.93 4.10 0.00	77.25 5.58 0.00	70.92 5.26 0.00	75.50 5.52 0.00	77.10 5.69 0.00	75.82 5.35 -5.30	75.25 4.41 -18.43	159.97 9.88 -30.82	182.54 5.76 -103.27	100.45 4.34 -35.92	73.64 3.14 -20.65	57.16 3.04 -4.62	43.00 2.52 0.00	39.92 2.37 0.00
CH_MIDHUDSON___DRP 24192	55.46 3.54 0.00	46.78 3.07 0.00	43.18 2.88 0.00	31.57 2.12 0.00	29.11 1.96 0.00	30.81 2.02 0.00	45.62 3.07 0.00	49.47 3.56 0.00	42.07 3.34 0.00	45.57 3.71 0.00	56.46 4.63 0.00	77.98 6.31 0.00	71.70 6.04 0.00	76.56 6.57 0.00	78.27 6.84 0.00	77.70 6.42 -6.11	78.94 5.28 -21.25	167.04 11.80 -35.98	203.91 6.82 -123.59	108.33 5.13 -43.01	78.42 3.77 -24.80	58.69 3.65 -5.55	43.43 2.95 0.00	40.29 2.73 0.00
CH_MISC_IPPS 23765	55.89 3.97 0.00	47.17 3.46 0.00	43.50 3.21 0.00	31.79 2.35 0.00	29.31 2.16 0.00	31.02 2.22 0.00	45.96 3.41 0.00	49.86 3.96 0.00	42.45 3.72 0.00	46.01 4.15 0.00	57.07 5.24 0.00	78.86 7.19 0.00	72.49 6.82 0.00	77.33 7.35 0.00	79.17 7.74 0.00	78.39 7.24 -5.98	79.18 5.97 -20.80	167.91 13.44 -35.21	202.15 7.84 -120.80	108.15 5.92 -42.04	78.48 4.39 -24.23	59.15 4.23 -5.42	43.82 3.33 0.00	40.64 3.09 0.00
CH_RES_BVR_FALLS 23983	51.24 -0.68 0.00	43.14 -0.57 0.00	39.79 -0.51 0.00	29.09 -0.35 0.00	26.85 -0.30 0.00	28.53 -0.26 0.00	42.07 -0.49 0.00	45.32 -0.59 0.00	38.16 -0.57 0.00	41.18 -0.68 0.00	50.88 -0.95 0.00	70.34 -1.33 0.00	64.60 -1.06 0.00	68.98 -1.00 0.00	70.45 -0.98 0.00	65.70 -0.96 -1.49	51.63 -0.78 0.00	116.60 -2.67 0.00	71.94 -1.57 0.00	59.08 -1.12 0.00	49.13 -0.73 0.00	48.68 -0.82 0.00	39.88 -0.60 0.00	37.02 -0.54 0.00
CH_RES_NIAGARA 23895	51.37 -0.55 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.25 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.01 0.00	35.80 -2.94 0.00	39.28 -2.57 0.00	48.88 -2.95 0.00	66.70 -4.97 0.00	60.23 -5.43 0.00	59.98 -6.62 3.38	63.09 -6.69 1.64	48.60 -5.79 10.78	49.40 -4.95 -1.94	95.96 -10.79 12.51	61.32 -6.64 5.55	54.74 -5.80 -0.35	45.10 -4.73 0.02	44.81 -4.69 0.00	36.90 -3.58 0.00	35.13 -2.44 0.00
CH_RES_SYRACUSE 23985	51.98 0.05 0.00	43.73 0.01 0.00	40.23 -0.06 0.00	29.30 -0.15 0.00	26.95 -0.20 0.00	28.49 -0.30 0.00	42.21 -0.34 0.00	45.52 -0.38 0.00	38.48 -0.25 0.00	41.59 -0.27 0.00	51.58 -0.25 0.00	71.51 -0.16 0.00	65.42 -0.24 0.00	69.71 -0.27 0.00	71.23 -0.20 0.00	65.13 -0.04 0.00	52.26 -0.15 0.00	118.82 -0.45 0.00	73.35 -0.16 0.00	61.35 -0.13 -1.29	53.67 -0.10 -3.92	53.87 -0.03 -4.41	43.25 -0.05 -2.81	39.97 0.02 -2.38
CLINTON_WT_PWR 323605	50.86 -1.06 0.00	42.49 -1.22 0.00	39.36 -0.94 0.00	28.89 -0.55 0.00	26.76 -0.39 0.00	28.57 -0.23 0.00	42.05 -0.50 0.00	45.27 -0.63 0.00	38.13 -0.60 0.00	41.17 -0.68 0.00	51.00 -0.83 0.00	70.60 -1.07 0.00	64.68 -0.99 0.00	68.51 -1.47 0.00	68.83 -2.59 0.00	59.49 -2.83 2.85	49.25 -3.15 0.00	114.79 -4.47 0.00	71.20 -2.31 0.00	59.50 -0.69 0.00	49.24 -0.61 0.00	48.91 -0.59 0.00	39.94 -0.54 0.00	37.08 -0.47 0.00
CLINTON___LFGE 323618	51.61 -0.31 0.00	43.06 -0.65 0.00	39.89 -0.40 0.00	29.30 -0.15 0.00	27.12 -0.03 0.00	28.96 0.17 0.00	42.57 0.02 0.00	45.84 -0.06 0.00	38.63 -0.11 0.00	41.70 -0.16 0.00	51.75 -0.08 0.00	71.73 0.06 0.00	65.73 0.07 0.00	69.59 -0.39 0.00	69.87 -1.56 0.00	60.43 -1.90 2.84	50.03 -2.38 0.00	116.41 -2.85 0.00	72.36 -1.15 0.00	61.05 0.86 0.00	50.06 0.21 0.00	49.68 0.18 0.00	40.50 0.02 0.00	37.57 0.01 0.00
COBBLENY_34_KV_TB1 80064	53.41 1.49 0.00	44.46 0.75 0.00	40.63 0.33 0.00	29.29 -0.15 0.00	26.70 -0.45 0.00	27.92 -0.87 0.00	41.54 -1.01 0.00	44.02 -1.88 0.00	37.64 -1.09 0.00	41.44 -0.42 0.00	51.85 0.02 0.00	71.14 -0.53 -0.01	64.47 -1.19 0.00	68.38 -2.23 -0.64	67.54 -2.19 1.69	82.11 -1.65 -18.60	55.68 -1.57 -4.85	141.06 -3.10 -24.90	74.32 -2.01 -2.83	58.54 -2.08 -0.43	48.18 -1.67 0.00	47.67 -1.83 0.00	39.04 -1.45 0.00	36.70 -0.85 0.00
COFFEEN___115KV_TB3 355620	53.31 1.38 0.00	44.73 1.01 0.00	41.35 1.05 0.00	30.17 0.73 0.00	27.86 0.71 0.00	29.65 0.86 0.00	44.01 1.46 0.00	47.48 1.57 0.00	40.21 1.48 0.00	43.50 1.64 0.00	53.52 1.69 0.00	74.78 3.12 0.00	68.17 2.51 0.00	72.18 2.20 0.00	73.84 2.42 0.00	66.65 2.01 0.53	54.44 2.04 0.00	124.44 5.17 0.00	76.62 3.11 0.00	63.69 2.27 -1.23	55.66 2.06 -3.74	55.81 2.10 -4.21	44.56 1.39 -2.69	40.94 1.10 -2.28
COLDSPRG_115KV_BK1 355956	55.36 3.43 0.00	45.97 2.26 0.00	41.85 1.55 0.00	29.93 0.48 0.00	27.25 0.10 0.00	28.50 -0.30 0.00	42.67 0.12 0.00	45.41 -0.49 0.00	39.23 0.50 0.00	44.06 2.20 0.00	55.43 3.60 0.00	76.21 4.54 -0.01	69.88 4.22 0.00	74.19 3.78 -0.43	74.38 3.95 1.00	85.80 3.88 -16.75	60.07 2.76 -4.90	148.81 6.91 -22.64	80.08 4.06 -2.51	63.16 2.51 -0.46	51.63 1.78 0.00	50.75 1.26 0.00	40.71 0.23 0.00	38.07 0.51 0.00
COLONIE_LFGE___ 323577	54.46 2.53 0.00	45.90 2.19 0.00	42.33 2.04 0.00	31.00 1.56 0.00	28.62 1.47 0.00	30.33 1.54 0.00	44.67 2.11 0.00	48.29 2.38 0.00	40.73 2.00 0.00	43.99 2.13 0.00	54.46 2.63 0.00	75.23 3.56 0.00	69.34 3.68 0.00	74.21 4.23 0.00	75.58 4.15 0.00	91.87 3.93 -22.77	134.80 3.14 -79.25	315.71 7.05 -189.39	1100.99 4.30 -1023.18	422.65 3.23 -359.23	266.92 2.52 -214.55	100.09 2.59 -48.01	42.48 2.00 0.00	39.28 1.72 0.00
COOPERNY_115KV_TB1 80082	54.16 2.24 0.00	45.66 1.95 0.00	42.11 1.81 0.00	30.77 1.33 0.00	28.38 1.23 0.00	30.02 1.23 0.00	44.47 1.92 0.00	48.14 2.23 0.00	40.86 2.13 0.00	44.25 2.40 0.00	54.87 3.04 0.00	75.79 4.12 0.00	69.52 3.86 0.00	73.99 4.01 0.00	75.54 4.12 0.00	73.07 3.88 -4.02	69.59 3.20 -13.99	149.93 7.18 -23.49	157.02 4.16 -79.36	90.93 3.13 -27.61	68.01 2.27 -15.89	55.26 2.21 -3.56	42.32 1.84 0.00	39.30 1.73 0.00
COPENHAGEN_WT_PWR 323753	52.49 0.56 0.00	44.08 0.37 0.00	40.84 0.54 0.00	29.83 0.39 0.00	27.55 0.39 0.00	29.29 0.50 0.00	43.42 0.87 0.00	46.79 0.88 0.00	39.55 0.82 0.00	42.73 0.88 0.00	52.51 0.69 0.00	73.49 1.82 0.00	67.12 1.46 0.00	71.08 1.10 0.00	72.71 1.28 0.00	65.86 1.19 0.50	53.67 1.26 0.00	122.61 3.34 0.00	75.52 2.01 0.00	62.92 1.43 -1.29	55.09 1.31 -3.93	55.27 1.36 -4.42	44.14 0.85 -2.82	40.61 0.66 -2.39
CORNELL_____ 23752	53.94 2.02 0.00	45.26 1.55 0.00	41.63 1.34 0.00	30.29 0.84 0.00	27.89 0.74 0.00	29.44 0.65 0.00	43.66 1.10 0.00	47.10 1.19 0.00	39.84 1.11 0.00	43.24 1.38 0.00	53.44 1.61 0.00	74.01 2.34 0.00	67.82 2.16 0.00	72.09 2.11 0.00	74.16 2.07 -0.67	70.39 2.20 -3.02	59.46 1.89 -5.17	134.76 4.67 -10.82	110.90 2.85 -34.54	75.13 2.19 -12.75	60.84 1.82 -9.16	55.26 1.77 -3.99	43.35 1.33 -1.54	39.98 1.11 -1.31

CORONA__69_KV_TB1 355595	56.54 4.61 0.00	47.75 4.04 0.00	44.14 3.85 0.00	32.25 2.80 0.00	29.70 2.55 0.00	31.39 2.59 0.00	46.51 3.96 0.00	50.27 4.36 0.00	42.85 4.12 0.00	46.42 4.56 0.00	57.38 5.55 0.00	78.72 7.05 0.00	72.44 6.78 0.00	77.34 7.36 0.00	79.22 7.80 0.00	78.47 7.46 -5.85	78.97 6.22 -20.34	167.41 14.09 -34.05	195.98 8.10 -114.37	105.88 5.90 -39.78	76.80 4.07 -22.88	58.74 4.12 -5.12	49.98 3.71 -5.79	41.06 3.50 0.00
CORTLAND__115KV_TB3 80093	53.54 1.62 0.00	44.95 1.24 0.00	41.38 1.08 0.00	30.12 0.68 0.00	27.75 0.60 0.00	29.32 0.53 0.00	43.47 0.92 0.00	46.90 1.00 0.00	39.67 0.94 0.00	43.02 1.16 0.00	53.22 1.39 0.00	73.65 1.99 0.00	67.52 1.86 0.00	71.87 1.89 0.00	73.47 1.77 -0.28	69.30 1.88 -2.25	58.50 1.62 -4.47	129.66 4.16 -6.24	77.66 2.21 -1.94	63.12 1.68 -1.25	53.32 1.32 -2.14	53.23 1.32 -2.41	43.03 1.01 -1.54	39.73 0.86 -1.30
COXSACKIE__GT 23611	56.35 4.43 0.00	47.52 3.81 0.00	43.73 3.43 0.00	31.93 2.49 0.00	29.46 2.30 0.00	31.23 2.44 0.00	46.08 3.52 0.00	50.00 4.09 0.00	42.08 3.34 0.00	45.19 3.33 0.00	55.89 4.06 0.00	77.08 5.42 0.00	70.93 5.27 0.00	76.59 6.61 0.00	77.48 6.05 0.00	83.55 5.86 -12.52	99.70 3.73 -43.56	219.13 6.19 -93.68	534.64 4.87 -456.26	223.98 3.87 -159.92	148.15 3.41 -94.88	75.58 4.85 -21.23	44.24 3.75 0.00	40.84 3.28 0.00
CPV_VALLEY__CC1 323721	54.43 2.51 0.00	45.90 2.19 0.00	42.35 2.05 0.00	30.97 1.53 0.00	28.57 1.42 0.00	30.22 1.42 0.00	44.76 2.20 0.00	48.51 2.60 0.00	41.24 2.51 0.00	44.65 2.80 0.00	55.34 3.51 0.00	76.43 4.76 0.00	70.16 4.50 0.00	74.72 4.74 0.00	76.28 4.86 0.00	74.55 4.56 -4.82	72.94 3.76 -16.77	155.64 8.39 -27.99	171.82 4.84 -93.48	96.32 3.62 -32.51	71.12 2.58 -18.69	56.17 2.49 -4.18	42.56 2.08 0.00	39.54 1.98 0.00
CPV_VALLEY__CC2 323722	54.43 2.51 0.00	45.90 2.19 0.00	42.35 2.05 0.00	30.97 1.53 0.00	28.57 1.42 0.00	30.22 1.42 0.00	44.76 2.20 0.00	48.51 2.60 0.00	41.24 2.51 0.00	44.65 2.80 0.00	55.34 3.51 0.00	76.43 4.76 0.00	70.16 4.50 0.00	74.72 4.74 0.00	76.28 4.86 0.00	74.55 4.56 -4.82	72.94 3.76 -16.77	155.64 8.39 -27.99	171.82 4.84 -93.48	96.32 3.62 -32.51	71.12 2.58 -18.69	56.17 2.49 -4.18	42.56 2.08 0.00	39.54 1.98 0.00
CRESCENT__HYD 24018	54.46 2.53 0.00	45.90 2.19 0.00	42.33 2.04 0.00	31.00 1.56 0.00	28.62 1.47 0.00	30.33 1.54 0.00	44.67 2.11 0.00	48.29 2.38 0.00	40.73 2.00 0.00	43.99 2.13 0.00	54.46 2.63 0.00	75.23 3.56 0.00	69.34 3.68 0.00	74.21 4.23 0.00	75.58 4.15 0.00	91.87 3.93 -22.77	134.80 3.14 -79.25	315.71 7.05 -189.39	1100.99 4.30 -1023.18	422.65 3.23 -359.23	266.92 2.52 -214.55	100.09 2.59 -48.01	42.48 2.00 0.00	39.28 1.72 0.00
CRICKET__VALLEY_CC1 323756	54.74 2.81 0.00	46.13 2.42 0.00	42.57 2.28 0.00	31.17 1.73 0.00	28.77 1.62 0.00	30.45 1.66 0.00	45.01 2.45 0.00	48.78 2.88 0.00	41.42 2.68 0.00	44.81 2.96 0.00	55.50 3.68 0.00	76.64 4.97 0.00	70.63 4.97 0.00	75.52 5.54 0.00	77.11 5.69 0.00	77.09 5.36 -6.56	79.65 4.42 -22.82	168.44 9.75 -39.43	219.75 5.51 -140.73	113.28 4.08 -49.02	81.16 2.94 -28.37	58.75 2.91 -6.35	42.85 2.37 0.00	39.71 2.15 0.00
CRICKET__VALLEY_CC2 323757	54.74 2.81 0.00	46.13 2.42 0.00	42.57 2.28 0.00	31.17 1.73 0.00	28.77 1.62 0.00	30.45 1.66 0.00	45.01 2.45 0.00	48.78 2.88 0.00	41.42 2.68 0.00	44.81 2.96 0.00	55.50 3.68 0.00	76.64 4.97 0.00	70.63 4.97 0.00	75.52 5.54 0.00	77.11 5.69 0.00	77.09 5.36 -6.56	79.65 4.42 -22.82	168.44 9.75 -39.43	219.75 5.51 -140.73	113.28 4.08 -49.02	81.16 2.94 -28.37	58.75 2.91 -6.35	42.85 2.37 0.00	39.71 2.15 0.00
CRICKET__VALLEY_CC3 323758	54.74 2.81 0.00	46.13 2.42 0.00	42.57 2.28 0.00	31.17 1.73 0.00	28.77 1.62 0.00	30.45 1.66 0.00	45.01 2.45 0.00	48.78 2.88 0.00	41.42 2.68 0.00	44.81 2.96 0.00	55.50 3.68 0.00	76.64 4.97 0.00	70.63 4.97 0.00	75.52 5.54 0.00	77.11 5.69 0.00	77.09 5.36 -6.56	79.65 4.42 -22.82	168.44 9.75 -39.43	219.75 5.51 -140.73	113.28 4.08 -49.02	81.16 2.94 -28.37	58.75 2.91 -6.35	42.85 2.37 0.00	39.71 2.15 0.00
CRUCIBLE__METL_DRP 24180	51.98 0.06 0.00	43.73 0.01 0.00	40.23 -0.06 0.00	29.30 -0.15 0.00	26.95 -0.20 0.00	28.49 -0.30 0.00	42.22 -0.34 0.00	45.52 -0.38 0.00	38.48 -0.26 0.00	41.59 -0.27 0.00	51.58 -0.25 0.00	71.51 -0.16 0.00	65.42 -0.24 0.00	69.70 -0.27 0.00	71.22 -0.20 0.00	65.13 -0.04 0.00	52.26 -0.14 0.00	118.80 -0.47 0.00	73.34 -0.17 0.00	61.35 -0.13 -1.29	53.67 -0.10 -3.92	53.87 -0.03 -4.41	43.25 -0.05 -2.81	39.97 0.02 -2.38
DAHOWA__HYDRO 323763	55.30 3.37 0.00	46.52 2.81 0.00	42.88 2.58 0.00	31.38 1.93 0.00	29.09 1.94 0.00	30.89 2.10 0.00	45.61 3.05 0.00	49.27 3.37 0.00	41.62 2.89 0.00	44.99 3.14 0.00	55.67 3.84 0.00	76.94 5.27 0.00	70.75 5.09 0.00	75.72 5.74 0.00	77.07 5.65 0.00	96.20 5.40 -25.62	145.99 4.43 -89.15	345.99 10.45 -216.28	1263.92 6.54 -1183.87	480.93 5.02 -415.73	302.46 4.12 -248.48	109.17 4.07 -55.60	43.57 3.10 0.00	40.21 2.65 0.00
DANC__LFGE 323619	51.89 -0.03 0.00	43.60 -0.11 0.00	40.29 -0.01 0.00	29.40 -0.05 0.00	27.13 -0.03 0.00	28.79 0.00 0.00	42.67 0.12 0.00	45.98 0.07 0.00	38.85 0.12 0.00	41.99 0.13 0.00	51.76 -0.07 0.00	72.15 0.48 0.00	65.94 0.28 0.00	69.99 0.01 0.00	71.53 0.11 0.00	64.99 0.15 0.34	52.68 0.28 0.00	120.12 0.86 0.00	74.22 0.72 0.00	62.29 0.48 -1.62	55.26 0.48 -4.93	55.58 0.53 -5.55	44.26 0.24 -3.54	40.71 0.15 -3.00
DANSKAMMER__1 23586	55.89 3.97 0.00	47.17 3.46 0.00	43.50 3.21 0.00	31.79 2.35 0.00	29.31 2.16 0.00	31.02 2.22 0.00	45.96 3.41 0.00	49.86 3.96 0.00	42.45 3.72 0.00	46.01 4.15 0.00	57.07 5.24 0.00	78.86 7.19 0.00	72.49 6.82 0.00	77.33 7.35 0.00	79.17 7.74 0.00	78.39 7.24 -5.98	79.18 5.97 -20.80	167.91 13.44 -35.21	202.15 7.84 -120.80	108.15 5.92 -42.04	78.48 4.39 -24.23	59.15 4.23 -5.42	43.82 3.33 0.00	40.64 3.09 0.00
DANSKAMMER__2 23589	55.89 3.97 0.00	47.17 3.46 0.00	43.50 3.21 0.00	31.79 2.35 0.00	29.31 2.16 0.00	31.02 2.22 0.00	45.96 3.41 0.00	49.86 3.96 0.00	42.45 3.72 0.00	46.01 4.15 0.00	57.07 5.24 0.00	78.86 7.19 0.00	72.49 6.82 0.00	77.33 7.35 0.00	79.17 7.74 0.00	78.39 7.24 -5.98	79.18 5.97 -20.80	167.91 13.44 -35.21	202.15 7.84 -120.80	108.15 5.92 -42.04	78.48 4.39 -24.23	59.15 4.23 -5.42	43.82 3.33 0.00	40.64 3.09 0.00
DANSKAMMER__3 23590	55.89 3.97 0.00	47.17 3.46 0.00	43.50 3.21 0.00	31.79 2.35 0.00	29.31 2.16 0.00	31.02 2.22 0.00	45.96 3.41 0.00	49.86 3.96 0.00	42.45 3.72 0.00	46.01 4.15 0.00	57.07 5.24 0.00	78.86 7.19 0.00	72.49 6.82 0.00	77.33 7.35 0.00	79.17 7.74 0.00	78.39 7.24 -5.98	79.18 5.97 -20.80	167.91 13.44 -35.21	202.15 7.84 -120.80	108.15 5.92 -42.04	78.48 4.39 -24.23	59.15 4.23 -5.42	43.82 3.33 0.00	40.64 3.09 0.00

DANSKAMMER___4 23591	55.89 3.97 0.00	47.17 3.46 0.00	43.50 3.21 0.00	31.79 2.35 0.00	29.31 2.16 0.00	31.02 2.22 0.00	45.96 3.41 0.00	49.86 3.96 0.00	42.45 3.72 0.00	46.01 4.15 0.00	57.07 5.24 0.00	78.86 7.19 0.00	72.49 6.82 0.00	77.33 7.35 0.00	79.17 7.74 0.00	78.39 7.24 -5.98	79.18 5.97 -20.80	167.91 13.44 -35.21	202.15 7.84 -120.80	108.15 5.92 -42.04	78.48 4.39 -24.23	59.15 4.23 -5.42	43.82 3.33 0.00	40.64 3.09 0.00
DANSKAMMER___DIESEL 23592	55.90 3.97 0.00	47.17 3.45 0.00	43.50 3.20 0.00	31.79 2.35 0.00	29.31 2.16 0.00	31.02 2.22 0.00	45.96 3.41 0.00	49.87 3.96 0.00	42.45 3.72 0.00	46.01 4.15 0.00	57.07 5.24 0.00	78.86 7.19 0.00	72.49 6.82 0.00	77.33 7.35 0.00	79.16 7.74 0.00	78.39 7.24 -5.98	79.18 5.97 -20.80	167.91 13.45 -35.21	202.14 7.83 -120.80	108.15 5.92 -42.04	78.48 4.39 -24.23	59.15 4.23 -5.42	43.81 3.33 0.00	40.64 3.08 0.00
DARBY___SOLAR 323810	55.07 3.15 0.00	46.34 2.63 0.00	42.72 2.42 0.00	31.26 1.82 0.00	28.96 1.81 0.00	30.73 1.94 0.00	45.36 2.80 0.00	49.00 3.10 0.00	41.37 2.63 0.00	44.73 2.87 0.00	55.29 3.46 0.00	76.44 4.77 0.00	70.32 4.66 0.00	75.19 5.22 0.00	76.60 5.17 0.00	95.37 4.91 -25.29	144.45 4.04 -88.00	341.98 9.56 -213.16	1244.66 5.96 -1165.20	473.92 4.57 -409.16	298.13 3.74 -244.54	107.93 3.71 -54.72	43.32 2.84 0.00	40.00 2.44 0.00
DASHVILLE___HYD 23610	55.45 3.53 0.00	46.79 3.08 0.00	43.18 2.89 0.00	31.56 2.12 0.00	29.11 1.96 0.00	30.79 2.00 0.00	45.64 3.08 0.00	49.47 3.57 0.00	42.04 3.31 0.00	45.59 3.74 0.00	56.57 4.74 0.00	78.10 6.44 0.00	71.86 6.20 0.00	76.56 6.57 0.00	78.27 6.84 0.00	79.09 6.39 -7.53	83.82 5.20 -26.21	180.26 11.76 -49.24	282.14 6.64 -201.99	135.75 4.99 -70.57	94.97 3.78 -41.34	62.40 3.65 -9.25	43.46 2.98 0.00	40.31 2.75 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	57.24 5.32 0.00	48.18 4.46 0.00	44.60 4.31 0.00	32.52 3.08 0.00	29.82 2.67 0.00	31.32 2.53 0.00	46.65 4.10 0.00	50.55 4.64 0.00	43.08 4.35 0.00	46.93 5.07 0.00	58.28 6.45 0.00	80.06 8.39 0.00	73.01 7.35 0.00	77.80 7.82 0.00	80.33 8.90 0.00	79.70 8.68 -5.85	79.62 6.87 -20.34	169.00 15.68 -34.05	196.90 9.02 -114.37	106.40 6.43 -39.78	76.81 4.08 -22.88	58.46 3.84 -5.12	50.22 3.96 -5.79	40.84 3.28 0.00
DELAWARE___LFGE 323621	54.13 2.20 0.00	45.68 1.96 0.00	42.13 1.83 0.00	30.74 1.29 0.00	28.33 1.18 0.00	29.96 1.17 0.00	44.38 1.83 0.00	47.91 2.01 0.00	40.43 1.70 0.00	43.81 1.96 0.00	54.30 2.47 0.00	74.91 3.25 0.00	68.56 2.91 0.00	73.05 3.07 0.00	74.49 3.07 0.00	73.76 2.85 -5.74	71.84 2.27 -17.17	160.49 5.29 -35.94	237.74 3.11 -161.13	119.26 2.42 -56.65	85.84 1.96 -34.03	59.65 1.92 -8.24	42.54 1.57 -0.50	39.39 1.41 -0.42
DERFIELD_115KV_TB7 355931	52.45 0.53 0.00	44.22 0.51 0.00	40.78 0.48 0.00	29.80 0.35 0.00	27.47 0.32 0.00	29.11 0.32 0.00	43.02 0.46 0.00	46.41 0.51 0.00	39.16 0.42 0.00	42.32 0.46 0.00	52.39 0.56 0.00	72.41 0.74 0.00	66.39 0.73 0.00	70.83 0.85 0.00	72.28 0.86 0.00	66.11 0.80 -0.14	53.08 0.67 0.00	120.81 1.55 0.00	74.45 0.95 0.00	60.88 0.68 0.00	50.35 0.50 0.00	49.99 0.49 0.00	40.88 0.40 0.00	37.93 0.36 0.00
DOGLEVILLE___HYD 23807	54.20 2.28 0.00	45.69 1.98 0.00	42.14 1.84 0.00	30.80 1.36 0.00	28.47 1.32 0.00	30.12 1.33 0.00	44.33 1.78 0.00	47.92 2.02 0.00	40.24 1.51 0.00	43.40 1.54 0.00	53.55 1.72 0.00	74.06 2.39 0.00	67.89 2.23 0.00	72.72 2.74 0.00	74.71 3.29 0.00	68.41 3.10 -0.14	55.06 2.65 0.00	126.11 6.85 0.00	77.95 4.44 0.00	63.43 3.24 0.00	52.18 2.32 0.00	51.78 2.28 0.00	42.38 1.90 0.00	39.01 1.45 0.00
DUNKIRK___115KV_TB_200 55889	54.08 2.16 0.00	44.92 1.21 0.00	40.95 0.65 0.00	29.31 -0.13 0.00	26.67 -0.48 0.00	27.82 -0.97 0.00	41.57 -0.98 0.00	44.06 -1.85 0.00	37.89 -0.84 0.00	42.30 0.44 0.00	53.20 1.37 0.00	72.84 1.16 -0.01	65.72 0.06 0.00	69.77 -0.68 -0.48	68.94 -0.50 1.99	86.09 -0.03 -20.95	57.17 -0.21 -4.98	146.46 0.01 -27.18	75.84 -0.16 -2.49	60.06 -0.56 -0.42	48.91 -0.94 0.00	48.21 -1.28 0.00	39.46 -1.02 0.00	37.02 -0.54 0.00
DUNKIRK___1 23563	54.08 2.16 0.00	44.92 1.21 0.00	40.95 0.65 0.00	29.31 -0.13 0.00	26.67 -0.48 0.00	27.82 -0.97 0.00	41.57 -0.98 0.00	44.06 -1.85 0.00	37.89 -0.84 0.00	42.30 0.44 0.00	53.20 1.37 0.00	72.84 1.16 -0.01	65.72 0.06 0.00	69.77 -0.68 -0.48	68.94 -0.50 1.99	86.09 -0.03 -20.95	57.17 -0.21 -4.98	146.46 0.01 -27.18	75.84 -0.16 -2.49	60.06 -0.56 -0.42	48.91 -0.94 0.00	48.21 -1.28 0.00	39.46 -1.02 0.00	37.02 -0.54 0.00
DUNKIRK___2 23564	54.08 2.16 0.00	44.92 1.21 0.00	40.95 0.65 0.00	29.31 -0.13 0.00	26.67 -0.48 0.00	27.82 -0.97 0.00	41.57 -0.98 0.00	44.06 -1.85 0.00	37.89 -0.84 0.00	42.30 0.44 0.00	53.20 1.37 0.00	72.84 1.16 -0.01	65.72 0.06 0.00	69.77 -0.68 -0.48	68.94 -0.50 1.99	86.09 -0.03 -20.95	57.17 -0.21 -4.98	146.46 0.01 -27.18	75.84 -0.16 -2.49	60.06 -0.56 -0.42	48.91 -0.94 0.00	48.21 -1.28 0.00	39.46 -1.02 0.00	37.02 -0.54 0.00
DUNKIRK___3 23565	53.63 1.70 0.00	44.57 0.86 0.00	40.68 0.39 0.00	29.20 -0.24 0.00	26.61 -0.54 0.00	27.78 -1.01 0.00	41.45 -1.11 0.00	43.96 -1.95 0.00	37.74 -0.99 0.00	41.92 0.06 0.00	52.59 0.76 0.00	72.08 0.40 -0.01	65.05 -0.61 0.00	68.97 -1.44 -0.42	68.02 -1.31 2.10	86.03 -0.81 -21.67	56.57 -0.86 -5.03	145.71 -1.42 -27.87	74.86 -1.02 -2.37	59.32 -1.30 -0.42	48.44 -1.41 0.00	47.85 -1.65 0.00	39.19 -1.29 0.00	36.79 -0.77 0.00
DUNKIRK___4 23566	53.63 1.70 0.00	44.57 0.86 0.00	40.68 0.39 0.00	29.20 -0.24 0.00	26.61 -0.54 0.00	27.78 -1.01 0.00	41.45 -1.11 0.00	43.96 -1.95 0.00	37.74 -0.99 0.00	41.92 0.06 0.00	52.59 0.76 0.00	72.08 0.40 -0.01	65.05 -0.61 0.00	68.97 -1.44 -0.42	68.02 -1.31 2.10	86.03 -0.81 -21.67	56.57 -0.86 -5.03	145.71 -1.42 -27.87	74.86 -1.02 -2.37	59.32 -1.30 -0.42	48.44 -1.41 0.00	47.85 -1.65 0.00	39.19 -1.29 0.00	36.79 -0.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	55.69 3.77 0.00	47.02 3.30 0.00	43.41 3.11 0.00	31.74 2.30 0.00	29.29 2.14 0.00	31.00 2.21 0.00	45.90 3.35 0.00	49.78 3.87 0.00	42.48 3.75 0.00	45.98 4.12 0.00	56.96 5.13 0.00	78.48 6.81 0.00	72.13 6.47 0.00	76.85 6.87 0.00	78.53 7.11 0.00	77.68 6.66 -5.85	78.21 5.46 -20.35	165.40 12.07 -34.07	194.86 6.93 -114.42	105.21 5.22 -39.79	76.50 3.76 -22.89	58.28 3.66 -5.12	43.58 3.10 0.00	40.55 2.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	55.40 3.48 0.00	46.72 3.00 0.00	43.09 2.79 0.00	31.50 2.05 0.00	29.04 1.89 0.00	30.73 1.94 0.00	45.54 2.98 0.00	49.37 3.46 0.00	42.03 3.30 0.00	45.55 3.69 0.00	56.48 4.65 0.00	78.02 6.35 0.00	71.67 6.01 0.00	76.37 6.39 0.00	78.33 6.90 0.00	77.46 6.51 -5.78	77.89 5.36 -20.12	165.44 12.08 -34.10	197.87 7.06 -117.30	106.36 5.34 -40.82	77.31 3.92 -23.54	58.56 3.79 -5.27	43.41 2.93 0.00	40.27 2.71 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	55.80 3.88 0.00	47.21 3.49 0.00	43.56 3.26 0.00	31.93 2.49 0.00	29.43 2.27 0.00	31.12 2.33 0.00	46.12 3.57 0.00	50.04 4.14 0.00	42.75 4.01 0.00	46.25 4.39 0.00	57.17 5.34 0.00	78.80 7.13 0.00	72.43 6.77 0.00	77.16 7.18 0.00	78.86 7.44 0.00	77.92 6.90 -5.85	78.39 5.64 -20.35	165.68 12.34 -34.07	194.91 6.99 -114.42	105.39 5.40 -39.79	76.62 3.88 -22.89	58.28 3.66 -5.12	43.65 3.16 0.00	40.71 3.14 0.00
E179THST_13_KV_LOAD 356214	56.22 4.30 0.00	47.53 3.82 0.00	43.86 3.56 0.00	32.15 2.70 0.00	29.62 2.46 0.00	31.33 2.54 0.00	46.43 3.88 0.00	50.39 4.48 0.00	43.05 4.32 0.00	46.58 4.72 0.00	57.59 5.76 0.00	79.37 7.70 0.00	72.97 7.31 0.00	77.73 7.75 0.00	79.44 8.02 0.00	78.46 7.44 -5.85	78.85 6.09 -20.35	166.74 13.40 -34.07	195.53 7.61 -114.42	105.88 5.90 -39.79	77.02 4.28 -22.89	58.67 4.05 -5.12	43.96 3.48 0.00	40.99 3.43 0.00
EAST HAMPTON___GT 23717	57.77 5.84 0.00	48.32 4.61 0.00	44.62 4.33 0.00	32.51 3.07 0.00	29.71 2.56 0.00	31.05 2.26 0.00	46.34 3.78 0.00	50.31 4.41 0.00	42.92 4.19 0.00	46.89 5.03 0.00	58.28 6.46 0.00	80.02 8.36 0.00	72.80 7.14 0.00	77.63 7.65 0.00	80.08 8.66 0.00	79.39 8.37 -5.85	79.02 6.27 -20.34	167.53 14.22 -34.05	195.84 7.96 -114.37	105.51 5.54 -39.78	76.14 3.42 -22.88	57.76 3.14 -5.12	50.06 3.80 -5.79	40.52 2.96 0.00
EAST RIVER___6 23660	55.65 3.73 0.00	47.06 3.34 0.00	43.49 3.19 0.00	31.85 2.41 0.00	29.38 2.23 0.00	31.14 2.34 0.00	46.09 3.54 0.00	49.99 4.08 0.00	42.80 4.07 0.00	46.35 4.49 0.00	57.31 5.48 0.00	78.91 7.24 0.00	72.55 6.89 0.00	77.26 7.28 0.00	78.97 7.55 0.00	78.08 7.06 -5.85	78.52 5.77 -20.35	165.86 12.53 -34.06	195.03 7.11 -114.41	105.38 5.39 -39.79	76.69 3.95 -22.89	58.45 3.83 -5.12	43.76 3.28 0.00	40.77 3.21 0.00
EAST RIVER___7 23524	55.65 3.73 0.00	47.06 3.34 0.00	43.49 3.19 0.00	31.85 2.41 0.00	29.38 2.23 0.00	31.14 2.34 0.00	46.09 3.54 0.00	49.99 4.08 0.00	42.80 4.07 0.00	46.35 4.49 0.00	57.31 5.48 0.00	78.91 7.24 0.00	72.55 6.89 0.00	77.26 7.28 0.00	78.97 7.55 0.00	78.08 7.06 -5.85	78.52 5.77 -20.35	165.86 12.53 -34.06	195.03 7.11 -114.41	105.38 5.39 -39.79	76.69 3.95 -22.89	58.45 3.83 -5.12	43.76 3.28 0.00	40.77 3.21 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	55.56 3.64 0.00	46.89 3.18 0.00	43.29 2.99 0.00	31.66 2.21 0.00	29.21 2.06 0.00	30.91 2.11 0.00	45.77 3.22 0.00	49.65 3.74 0.00	42.34 3.61 0.00	45.84 3.98 0.00	56.78 4.95 0.00	78.31 6.64 0.00	71.94 6.28 0.00	76.67 6.69 0.00	78.34 6.92 0.00	77.49 6.49 -5.83	78.01 5.32 -20.29	165.03 11.79 -33.97	194.41 6.77 -114.13	104.97 5.08 -39.70	76.34 3.66 -22.83	58.16 3.55 -5.11	43.48 3.00 0.00	40.44 2.87 0.00
EAST_HAMPTON___DIESEL 23722	57.71 5.79 0.00	48.24 4.53 0.00	44.55 4.25 0.00	32.46 3.01 0.00	29.65 2.50 0.00	30.96 2.17 0.00	46.21 3.66 0.00	50.18 4.28 0.00	42.82 4.09 0.00	46.80 4.94 0.00	58.19 6.36 0.00	79.87 8.20 0.00	72.64 6.98 0.00	77.47 7.49 0.00	79.89 8.47 0.00	79.22 8.20 -5.85	78.90 6.15 -20.34	167.27 13.95 -34.05	195.64 7.77 -114.37	105.36 5.39 -39.78	76.02 3.29 -22.88	57.62 3.00 -5.12	49.95 3.69 -5.79	40.41 2.85 0.00
EAST_POINT___SOLAR 323840	56.54 4.62 0.00	47.48 3.77 0.00	43.65 3.35 0.00	31.81 2.37 0.00	29.31 2.16 0.00	31.10 2.31 0.00	45.91 3.36 0.00	49.33 3.42 0.00	41.18 2.45 0.00	43.91 2.04 0.00	54.08 2.25 0.00	75.22 3.55 0.00	68.35 2.69 0.00	73.37 3.39 0.00	75.26 3.84 0.00	93.49 3.79 -24.52	141.00 3.26 -85.33	337.53 10.15 -208.11	1224.67 6.87 -1144.29	467.73 5.69 -401.85	295.15 5.04 -240.26	108.11 4.86 -53.76	44.39 3.91 0.00	40.97 3.41 0.00
EAST_PULASKI___ESR 323781	51.36 -0.56 0.00	43.15 -0.56 0.00	39.78 -0.51 0.00	29.01 -0.43 0.00	26.74 -0.41 0.00	28.32 -0.47 0.00	41.96 -0.60 0.00	45.24 -0.67 0.00	38.19 -0.54 0.00	41.27 -0.59 0.00	51.03 -0.80 0.00	70.80 -0.86 0.00	64.77 -0.89 0.00	68.89 -1.09 0.00	70.34 -1.08 0.00	64.10 -0.90 0.17	51.71 -0.69 0.00	117.75 -1.51 0.00	72.89 -0.62 0.00	62.04 -0.49 -2.34	56.63 -0.32 -7.10	57.23 -0.26 -7.99	45.23 -0.35 -5.10	41.52 -0.36 -4.33
EAST_RIVER___1 323558	55.78 3.85 0.00	47.12 3.41 0.00	43.54 3.25 0.00	31.87 2.43 0.00	29.40 2.25 0.00	31.14 2.35 0.00	46.10 3.55 0.00	50.03 4.12 0.00	42.79 4.06 0.00	46.31 4.45 0.00	57.31 5.48 0.00	78.94 7.27 0.00	72.56 6.90 0.00	77.27 7.29 0.00	78.96 7.53 0.00	78.05 7.03 -5.85	78.52 5.76 -20.35	165.95 12.62 -34.06	195.13 7.21 -114.41	105.42 5.43 -39.79	76.67 3.93 -22.89	58.42 3.80 -5.12	43.73 3.25 0.00	40.75 3.19 0.00
EAST_RIVER___2 323559	55.65 3.73 0.00	47.06 3.34 0.00	43.49 3.19 0.00	31.85 2.41 0.00	29.38 2.23 0.00	31.14 2.34 0.00	46.09 3.54 0.00	49.99 4.08 0.00	42.80 4.07 0.00	46.35 4.49 0.00	57.31 5.48 0.00	78.91 7.24 0.00	72.55 6.89 0.00	77.26 7.28 0.00	78.97 7.55 0.00	78.08 7.06 -5.85	78.52 5.77 -20.35	165.86 12.53 -34.06	195.03 7.11 -114.41	105.38 5.39 -39.79	76.69 3.95 -22.89	58.45 3.83 -5.12	43.76 3.28 0.00	40.77 3.21 0.00
EAST___DELAWARE_HYD 23607	54.08 2.16 0.00	45.52 1.81 0.00	41.96 1.66 0.00	30.65 1.21 0.00	28.25 1.10 0.00	29.90 1.11 0.00	44.33 1.78 0.00	48.09 2.19 0.00	40.91 2.18 0.00	44.42 2.56 0.00	55.12 3.29 0.00	76.09 4.42 0.00	69.78 4.12 0.00	72.68 2.70 0.00	74.50 3.08 0.00	73.82 3.03 -5.62	74.68 2.71 -19.56	159.56 6.04 -34.25	202.36 3.47 -125.39	106.41 2.52 -43.70	77.01 1.82 -25.35	57.90 2.73 -5.67	42.57 2.09 0.00	39.42 1.86 0.00
EIGHT_POINT___WT_PWR 323820	53.99 2.06 0.00	45.00 1.29 0.00	40.93 0.63 0.00	29.43 -0.02 0.00	26.57 -0.58 0.00	27.52 -1.28 0.00	40.99 -1.56 0.00	44.10 -1.80 0.00	37.66 -1.07 0.00	40.92 -0.94 0.00	51.53 -0.30 0.00	71.23 -0.43 0.00	64.36 -1.30 0.00	67.42 -2.74 -0.18	76.58 -1.89 -7.05	73.19 -0.22 -8.24	56.47 -0.75 -4.82	131.40 -1.00 -13.15	75.22 -0.54 -2.25	60.54 -0.46 -0.80	50.49 -0.20 -0.84	50.12 -0.32 -0.94	40.56 -0.52 -0.60	37.53 -0.54 -0.51
ELBRIDGE_115KV_TB2 80188	51.88 -0.04 0.00	43.64 -0.07 0.00	40.17 -0.13 0.00	29.26 -0.18 0.00	26.91 -0.24 0.00	28.46 -0.33 0.00	42.18 -0.37 0.00	45.45 -0.45 0.00	38.40 -0.33 0.00	41.53 -0.33 0.00	51.52 -0.31 0.00	71.36 -0.31 0.00	65.18 -0.48 0.00	69.44 -0.54 0.00	70.91 -0.51 0.00	64.87 -0.30 0.00	52.02 -0.38 0.00	118.40 -0.87 0.00	73.08 -0.42 0.00	61.28 -0.32 -1.41	53.92 -0.21 -4.28	54.13 -0.18 -4.81	43.38 -0.17 -3.07	39.98 -0.18 -2.60
ELEC_TRO_TEK 24086	56.02 4.10 0.00	47.36 3.65 0.00	43.81 3.52 0.00	32.01 2.56 0.00	29.49 2.34 0.00	31.16 2.37 0.00	46.18 3.63 0.00	49.94 4.03 0.00	42.58 3.85 0.00	46.08 4.22 0.00	57.00 5.17 0.00	78.38 6.72 0.00	72.03 6.37 0.00	76.88 6.90 0.00	78.82 7.40 0.00	78.10 7.08 -5.85	78.59 5.84 -20.34	166.50 13.19 -34.05	195.53 7.64 -114.37	105.53 5.55 -39.78	76.40 3.67 -22.88	58.31 3.70 -5.12	49.63 3.37 -5.79	40.72 3.16 0.00

ELLENBURG_WT_PWR 323604	50.86 -1.06 0.00	42.49 -1.22 0.00	39.36 -0.94 0.00	28.89 -0.55 0.00	26.76 -0.39 0.00	28.57 -0.23 0.00	42.05 -0.50 0.00	45.27 -0.63 0.00	38.13 -0.60 0.00	41.17 -0.68 0.00	51.00 -0.83 0.00	70.60 -1.07 0.00	64.68 -0.99 0.00	68.51 -1.47 0.00	68.83 -2.59 0.00	59.49 -2.83 2.85	49.25 -3.15 0.00	114.79 -4.47 0.00	71.20 -2.31 0.00	59.50 -0.69 0.00	49.24 -0.61 0.00	48.91 -0.59 0.00	39.94 -0.54 0.00	37.08 -0.47 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	52.84 0.91 0.00	43.97 0.26 0.00	40.17 -0.13 0.00	28.96 -0.48 0.00	26.40 -0.75 0.00	27.59 -1.20 0.00	41.02 -1.53 0.00	43.34 -2.57 0.00	37.10 -1.64 0.00	40.83 -1.03 0.00	51.03 -0.80 0.00	69.99 -1.69 -0.01	63.30 -2.36 0.00	66.80 -3.41 -0.23	65.78 -3.43 2.21	93.17 -2.75 -30.74	55.44 -2.47 -5.51	151.50 -5.18 -37.42	72.15 -3.25 -1.89	57.53 -3.06 -0.40	47.31 -2.54 0.00	46.86 -2.64 0.00	38.44 -2.04 0.00	36.23 -1.33 0.00
EMPIRE_CC_1 323656	53.48 1.56 0.00	45.15 1.44 0.00	41.69 1.39 0.00	30.57 1.12 0.00	28.20 1.06 0.00	29.89 1.09 0.00	43.98 1.43 0.00	47.55 1.64 0.00	40.09 1.35 0.00	43.25 1.39 0.00	53.50 1.67 0.00	73.85 2.18 0.00	68.12 2.46 0.00	72.91 2.93 0.00	74.22 2.80 0.00	78.24 2.66 -10.41	90.74 2.11 -36.23	196.63 4.58 -72.79	403.57 2.72 -327.34	176.71 1.95 -114.57	118.89 1.44 -67.60	66.14 1.51 -15.12	41.65 1.17 0.00	38.58 1.02 0.00
EMPIRE_CC_2 323658	53.48 1.56 0.00	45.15 1.44 0.00	41.69 1.39 0.00	30.57 1.12 0.00	28.20 1.06 0.00	29.89 1.09 0.00	43.98 1.43 0.00	47.55 1.64 0.00	40.09 1.35 0.00	43.25 1.39 0.00	53.50 1.67 0.00	73.85 2.18 0.00	68.12 2.46 0.00	72.91 2.93 0.00	74.22 2.80 0.00	78.24 2.66 -10.41	90.74 2.11 -36.23	196.63 4.58 -72.79	403.57 2.72 -327.34	176.71 1.95 -114.57	118.89 1.44 -67.60	66.14 1.51 -15.12	41.65 1.17 0.00	38.58 1.02 0.00
ENORWICH_115KV_TB1 80156	57.22 5.30 0.00	47.93 4.22 0.00	44.02 3.72 0.00	32.00 2.56 0.00	29.48 2.33 0.00	31.09 2.30 0.00	46.07 3.52 0.00	49.56 3.66 0.00	42.02 3.29 0.00	45.67 3.81 0.00	55.94 4.11 0.00	76.37 4.70 0.00	70.35 4.69 0.00	75.60 5.62 0.00	76.50 4.75 -0.32	73.44 4.33 -3.94	65.41 3.91 -9.09	148.83 10.72 -18.84	153.70 6.64 -73.55	91.82 5.38 -26.25	71.55 4.99 -16.71	59.36 4.67 -5.19	45.17 3.53 -1.15	41.46 2.92 -0.98
ERIE_ST__34_KV_TB1-2 80199	53.37 1.45 0.00	44.37 0.66 0.00	40.51 0.21 0.00	29.22 -0.22 0.00	26.68 -0.48 0.00	27.90 -0.89 0.00	41.52 -1.04 0.00	44.07 -1.84 0.00	37.74 -0.99 0.00	41.58 -0.28 0.00	51.99 0.16 0.00	71.34 -0.34 -0.01	64.60 -1.06 0.00	69.40 -2.03 -1.44	67.60 -2.02 1.80	81.64 -1.51 -17.98	55.57 -1.58 -4.75	141.05 -2.97 -24.75	76.01 -1.93 -4.43	58.60 -2.01 -0.42	48.22 -1.64 0.00	47.77 -1.72 0.00	39.11 -1.37 0.00	36.75 -0.81 0.00
ERIE_WT_PWR 323693	53.23 1.31 0.00	44.29 0.58 0.00	40.45 0.15 0.00	29.16 -0.28 0.00	26.56 -0.59 0.00	27.74 -1.05 0.00	41.26 -1.29 0.00	43.68 -2.23 0.00	37.39 -1.35 0.00	41.17 -0.69 0.00	51.49 -0.34 0.00	70.64 -1.03 -0.01	63.94 -1.72 0.00	67.87 -2.83 -0.72	66.56 -2.76 2.10	83.59 -2.07 -20.48	55.29 -1.97 -4.85	142.46 -3.85 -27.04	73.95 -2.50 -2.94	58.15 -2.46 -0.42	47.85 -2.01 -0.01	47.32 -2.17 0.00	38.76 -1.72 0.00	36.52 -1.04 0.00
ESPRGFLD_115KV_TB1 80157	55.32 3.40 0.00	46.48 2.77 0.00	42.79 2.49 0.00	31.15 1.71 0.00	28.65 1.50 0.00	30.34 1.54 0.00	45.06 2.51 0.00	48.51 2.60 0.00	40.89 2.16 0.00	44.21 2.35 0.00	54.76 2.93 0.00	75.80 4.13 0.00	69.02 3.36 0.00	73.48 3.50 0.00	75.04 3.62 0.00	86.62 3.31 -18.14	118.20 2.68 -63.11	278.14 7.19 -151.69	901.65 4.47 -823.67	353.29 3.90 -289.20	225.88 3.26 -172.78	91.32 3.16 -38.66	43.10 2.62 0.00	39.88 2.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	53.84 1.92 0.00	45.19 1.48 0.00	41.57 1.27 0.00	30.25 0.81 0.00	27.85 0.70 0.00	29.40 0.61 0.00	43.60 1.05 0.00	47.02 1.12 0.00	39.77 1.04 0.00	43.16 1.30 0.00	53.33 1.50 0.00	73.83 2.16 0.00	67.69 2.03 0.00	71.95 1.97 0.00	73.90 1.92 -0.56	70.06 2.04 -2.85	59.31 1.74 -5.15	134.28 4.37 -10.65	110.84 2.65 -34.68	75.07 2.04 -12.83	60.82 1.70 -9.27	55.24 1.66 -4.08	43.33 1.25 -1.60	39.96 1.05 -1.36
ETNA____115KV_TB2 80207	53.84 1.92 0.00	45.19 1.48 0.00	41.57 1.27 0.00	30.25 0.81 0.00	27.85 0.70 0.00	29.40 0.61 0.00	43.60 1.05 0.00	47.02 1.12 0.00	39.77 1.04 0.00	43.16 1.30 0.00	53.33 1.50 0.00	73.83 2.16 0.00	67.69 2.03 0.00	71.95 1.97 0.00	73.90 1.92 -0.56	70.06 2.04 -2.85	59.31 1.74 -5.15	134.28 4.37 -10.65	110.84 2.65 -34.68	75.07 2.04 -12.83	60.82 1.70 -9.27	55.24 1.66 -4.08	43.33 1.25 -1.60	39.96 1.05 -1.36
EUCLID____115KV_TB2 356179	51.62 -0.30 0.00	43.39 -0.32 0.00	39.94 -0.36 0.00	29.11 -0.33 0.00	26.81 -0.34 0.00	28.35 -0.45 0.00	41.97 -0.59 0.00	45.23 -0.68 0.00	38.22 -0.51 0.00	41.37 -0.49 0.00	51.31 -0.52 0.00	71.06 -0.60 0.00	65.01 -0.65 0.00	69.24 -0.74 0.00	70.68 -0.74 0.00	64.60 -0.57 0.00	51.90 -0.51 0.00	117.99 -1.27 0.00	72.79 -0.72 0.00	60.19 -0.60 -0.60	51.17 -0.49 -1.82	51.11 -0.43 -2.05	41.38 -0.41 -1.30	38.29 -0.38 -1.10
E_CANADA_CAP_HY 24051	55.77 3.85 0.00	46.85 3.13 0.00	43.08 2.78 0.00	31.38 1.94 0.00	28.89 1.74 0.00	30.64 1.85 0.00	45.42 2.87 0.00	48.79 2.88 0.00	41.01 2.28 0.00	44.11 2.25 0.00	54.43 2.60 0.00	75.60 3.93 0.00	68.66 3.00 0.00	73.28 3.30 0.00	75.03 3.61 0.00	91.42 3.26 -22.98	134.99 2.63 -79.96	321.50 7.77 -194.46	1145.38 5.15 -1066.72	439.32 4.53 -374.60	277.61 3.83 -223.93	103.28 3.68 -50.11	43.61 3.13 0.00	40.35 2.79 0.00
E_CANADA_MHWK_HY 24050	54.20 2.28 0.00	45.69 1.98 0.00	42.14 1.84 0.00	30.80 1.36 0.00	28.47 1.32 0.00	30.12 1.33 0.00	44.33 1.78 0.00	47.92 2.02 0.00	40.24 1.51 0.00	43.40 1.54 0.00	53.55 1.72 0.00	74.06 2.39 0.00	67.89 2.23 0.00	72.72 2.74 0.00	74.71 3.29 0.00	68.41 3.10 -0.14	55.06 2.65 0.00	126.11 6.85 0.00	77.95 4.44 0.00	63.43 3.24 0.00	52.18 2.32 0.00	51.78 2.28 0.00	42.38 1.90 0.00	39.01 1.45 0.00
E_FISHKILL____LBMP 23776	55.03 3.11 0.00	46.44 2.73 0.00	42.86 2.57 0.00	31.36 1.92 0.00	28.93 1.78 0.00	30.62 1.83 0.00	45.32 2.77 0.00	49.11 3.21 0.00	41.77 3.04 0.00	45.20 3.34 0.00	55.99 4.16 0.00	77.26 5.59 0.00	71.03 5.37 0.00	75.76 5.78 0.00	77.38 5.96 0.00	76.75 5.58 -6.00	77.86 4.57 -20.88	164.31 10.11 -34.93	196.44 5.77 -117.16	105.28 4.33 -40.75	76.42 3.13 -23.44	57.79 3.05 -5.25	43.03 2.55 0.00	39.97 2.41 0.00
FALCON____SEABRD_CC1 323796	51.49 -0.43 0.00	42.99 -0.72 0.00	39.86 -0.44 0.00	29.27 -0.17 0.00	27.10 -0.05 0.00	28.90 0.11 0.00	42.39 -0.16 0.00	45.63 -0.28 0.00	38.44 -0.29 0.00	41.54 -0.32 0.00	51.49 -0.34 0.00	71.34 -0.34 0.00	65.39 -0.27 0.00	69.21 -0.78 0.00	69.46 -1.96 0.00	60.09 -2.23 2.85	49.72 -2.69 0.00	115.73 -3.53 0.00	72.07 -1.44 0.00	60.60 0.41 0.00	49.92 0.07 0.00	49.58 0.09 0.00	40.44 -0.05 0.00	37.52 -0.04 0.00

FALCON___SEABRD_CC2 323797	51.49 -0.43 0.00	42.99 -0.72 0.00	39.86 -0.44 0.00	29.27 -0.17 0.00	27.10 -0.05 0.00	28.90 0.11 0.00	42.39 -0.16 0.00	45.63 -0.28 0.00	38.44 -0.29 0.00	41.54 -0.32 0.00	51.49 -0.34 0.00	71.34 -0.34 0.00	65.39 -0.27 0.00	69.21 -0.78 0.00	69.46 -1.96 0.00	60.09 -2.23 2.85	49.72 -2.69 0.00	115.73 -3.53 0.00	72.07 -1.44 0.00	60.60 0.41 0.00	49.92 0.07 0.00	49.58 0.09 0.00	40.44 -0.05 0.00	37.52 -0.04 0.00
FAR ROCKAWAY___4 23548	57.06 5.13 0.00	48.18 4.47 0.00	44.51 4.21 0.00	32.50 3.06 0.00	29.94 2.79 0.00	31.65 2.86 0.00	46.90 4.34 0.00	50.70 4.80 0.00	43.25 4.51 0.00	46.85 4.99 0.00	57.74 5.91 0.00	78.91 7.24 0.00	72.82 7.16 0.00	77.76 7.78 0.00	79.43 8.01 0.00	78.74 7.72 -5.85	79.35 6.60 -20.34	168.23 14.91 -34.05	196.31 8.43 -114.37	105.92 5.94 -39.78	77.10 4.37 -22.88	59.05 4.43 -5.12	50.20 3.93 -5.79	41.34 3.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	55.82 3.89 0.00	47.16 3.45 0.00	43.58 3.29 0.00	31.89 2.45 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.12 3.56 0.00	50.06 4.15 0.00	42.82 4.08 0.00	46.33 4.47 0.00	57.34 5.51 0.00	78.97 7.30 0.00	72.57 6.91 0.00	77.29 7.31 0.00	78.99 7.57 0.00	78.10 7.09 -5.85	78.53 5.78 -20.35	166.00 12.67 -34.06	195.14 7.22 -114.41	105.44 5.45 -39.79	76.69 3.95 -22.89	58.43 3.81 -5.12	43.75 3.27 0.00	40.76 3.20 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	55.88 3.95 0.00	47.21 3.50 0.00	43.62 3.33 0.00	31.92 2.48 0.00	29.45 2.30 0.00	31.17 2.38 0.00	46.16 3.60 0.00	50.09 4.19 0.00	42.84 4.11 0.00	46.36 4.50 0.00	57.37 5.54 0.00	79.02 7.36 0.00	72.63 6.97 0.00	77.35 7.37 0.00	79.05 7.62 0.00	78.14 7.12 -5.85	78.57 5.82 -20.35	166.10 12.77 -34.06	195.19 7.27 -114.41	105.50 5.51 -39.79	76.74 4.00 -22.89	58.48 3.86 -5.12	43.79 3.31 0.00	40.80 3.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	55.78 3.85 0.00	47.12 3.41 0.00	43.55 3.25 0.00	31.87 2.43 0.00	29.41 2.26 0.00	31.14 2.34 0.00	46.10 3.54 0.00	50.03 4.12 0.00	42.79 4.06 0.00	46.29 4.43 0.00	57.30 5.47 0.00	78.91 7.24 0.00	72.51 6.85 0.00	77.22 7.24 0.00	78.92 7.49 0.00	78.04 7.02 -5.85	78.48 5.73 -20.35	165.89 12.56 -34.06	195.07 7.15 -114.41	105.37 5.38 -39.79	76.64 3.90 -22.89	58.38 3.76 -5.12	43.71 3.23 0.00	40.72 3.16 0.00
FARRAGUT___LBMP 323566	55.73 3.81 0.00	47.08 3.37 0.00	43.51 3.21 0.00	31.85 2.40 0.00	29.39 2.24 0.00	31.11 2.32 0.00	46.05 3.50 0.00	49.97 4.06 0.00	42.73 4.00 0.00	46.23 4.37 0.00	57.22 5.39 0.00	78.81 7.14 0.00	72.43 6.77 0.00	77.13 7.15 0.00	78.81 7.39 0.00	77.93 6.91 -5.85	78.41 5.66 -20.35	165.73 12.40 -34.06	194.97 7.05 -114.41	105.31 5.32 -39.79	76.59 3.85 -22.89	58.34 3.72 -5.12	43.67 3.19 0.00	40.70 3.14 0.00
FENNER___WINDPWR 24204	53.72 1.79 0.00	45.13 1.42 0.00	41.55 1.26 0.00	30.29 0.84 0.00	27.91 0.76 0.00	29.55 0.76 0.00	43.78 1.22 0.00	47.17 1.27 0.00	39.86 1.13 0.00	43.15 1.29 0.00	53.37 1.54 0.00	73.89 2.22 0.00	67.83 2.17 0.00	72.44 2.46 0.00	73.74 2.32 0.00	67.42 2.25 0.00	54.52 2.11 0.00	124.35 5.08 0.00	76.22 2.72 0.00	62.89 2.15 -0.55	53.36 1.83 -1.68	53.17 1.79 -1.89	43.00 1.32 -1.20	39.71 1.13 -1.02
FIBERTEK___ENERGY 23856	51.98 0.06 0.00	43.73 0.01 0.00	40.23 -0.06 0.00	29.30 -0.15 0.00	26.95 -0.20 0.00	28.49 -0.30 0.00	42.22 -0.34 0.00	45.52 -0.38 0.00	38.48 -0.26 0.00	41.59 -0.27 0.00	51.58 -0.25 0.00	71.51 -0.16 0.00	65.42 -0.24 0.00	69.70 -0.27 0.00	71.22 -0.20 0.00	65.13 -0.04 0.00	52.26 -0.14 0.00	118.80 -0.47 0.00	73.34 -0.17 0.00	61.35 -0.13 -1.29	53.67 -0.10 -3.92	53.87 -0.03 -4.41	43.25 -0.05 -2.81	39.97 0.02 -2.38
FITZPATRICK____ 23598	50.60 -1.32 0.00	42.55 -1.16 0.00	39.19 -1.11 0.00	28.59 -0.85 0.00	26.33 -0.82 0.00	27.86 -0.93 0.00	41.23 -1.32 0.00	44.42 -1.49 0.00	37.49 -1.25 0.00	40.53 -1.33 0.00	50.21 -1.62 0.00	69.47 -2.20 0.00	63.55 -2.11 0.00	67.67 -2.31 0.00	69.04 -2.38 0.00	63.09 -2.08 0.00	50.70 -1.71 0.00	115.43 -3.83 0.00	71.24 -2.27 0.00	50.63 -1.80 7.76	24.84 -1.44 23.57	21.58 -1.38 26.54	22.41 -1.15 16.92	22.15 -1.05 14.36
FLOWRFLD_69_KV_BK1 356044	56.11 4.19 0.00	47.63 3.92 0.00	44.24 3.94 0.00	32.28 2.84 0.00	29.70 2.56 0.00	31.31 2.52 0.00	46.50 3.95 0.00	50.22 4.31 0.00	42.56 3.83 0.00	46.11 4.25 0.00	57.11 5.28 0.00	78.51 6.84 0.00	71.82 6.15 0.00	76.48 6.50 0.00	78.75 7.33 0.00	78.31 7.30 -5.85	78.78 6.03 -20.34	167.05 13.73 -34.05	195.84 7.97 -114.37	105.63 5.66 -39.78	76.22 3.49 -22.88	58.01 3.39 -5.12	49.71 3.44 -5.79	40.60 3.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	56.06 4.14 0.00	47.28 3.57 0.00	43.61 3.32 0.00	31.87 2.42 0.00	29.38 2.23 0.00	31.10 2.31 0.00	46.07 3.52 0.00	49.99 4.08 0.00	42.56 3.83 0.00	46.14 4.29 0.00	57.26 5.43 0.00	79.12 7.45 0.00	72.74 7.08 0.00	77.60 7.62 0.00	79.42 7.99 0.00	78.65 7.49 -5.99	79.39 6.13 -20.85	168.34 13.83 -35.24	202.20 8.06 -120.63	108.27 6.10 -41.97	78.57 4.52 -24.19	59.28 4.37 -5.41	43.93 3.45 0.00	40.75 3.19 0.00
FORT ORANGE____ 23900	53.49 1.56 0.00	45.17 1.46 0.00	41.66 1.37 0.00	30.48 1.04 0.00	28.12 0.97 0.00	29.80 1.01 0.00	43.96 1.40 0.00	47.59 1.69 0.00	40.12 1.38 0.00	43.24 1.38 0.00	53.47 1.64 0.00	73.69 2.02 0.00	67.77 2.11 0.00	72.59 2.61 0.00	73.93 2.51 0.00	83.49 2.41 -15.91	109.64 1.86 -55.37	247.83 4.04 -124.52	711.89 2.95 -635.43	285.33 2.24 -222.89	184.00 1.50 -132.65	80.72 1.53 -29.68	41.69 1.21 0.00	38.64 1.08 0.00
FORT_DRUM_COGEN 23780	52.81 0.88 0.00	44.34 0.63 0.00	41.02 0.73 0.00	29.94 0.49 0.00	27.65 0.50 0.00	29.42 0.62 0.00	43.63 1.08 0.00	47.05 1.14 0.00	39.81 1.08 0.00	43.01 1.15 0.00	52.91 1.08 0.00	73.97 2.30 0.00	67.49 1.83 0.00	71.56 1.58 0.00	73.15 1.73 0.00	66.13 1.52 0.56	53.96 1.55 0.00	123.24 3.97 0.00	75.86 2.35 0.00	63.02 1.66 -1.16	54.95 1.56 -3.53	55.07 1.60 -3.98	44.04 1.02 -2.54	40.50 0.79 -2.15
FOX_HILLS___ESR 323835	55.64 3.72 0.00	47.10 3.39 0.00	43.71 3.41 0.00	32.03 2.59 0.00	29.50 2.34 0.00	31.21 2.42 0.00	46.21 3.66 0.00	50.06 4.15 0.00	42.87 4.14 0.00	44.76 4.39 1.49	57.22 5.39 0.00	78.92 7.26 0.00	72.51 6.85 0.00	77.28 7.30 0.00	78.92 7.50 0.00	77.72 6.70 -5.85	78.16 5.40 -20.35	165.11 11.78 -34.06	194.62 6.70 -114.41	105.56 5.57 -39.80	81.67 4.03 -27.79	58.47 3.81 -5.16	43.75 3.27 0.00	40.81 3.25 0.00
FPL FAR_ROCK_GT1 24212	57.06 5.13 0.00	48.19 4.47 0.00	44.51 4.21 0.00	32.50 3.06 0.00	29.94 2.79 0.00	31.65 2.86 0.00	46.90 4.34 0.00	50.70 4.80 0.00	43.24 4.51 0.00	46.85 4.99 0.00	57.74 5.91 0.00	78.91 7.24 0.00	72.82 7.16 0.00	77.76 7.78 0.00	79.43 8.00 0.00	78.72 7.71 -5.85	79.35 6.60 -20.34	168.20 14.89 -34.05	196.31 8.43 -114.37	105.91 5.94 -39.78	77.10 4.36 -22.88	59.05 4.43 -5.12	50.20 3.94 -5.79	41.34 3.78 0.00

FPL FAR_ROCK_GT2 23815	57.06 5.13 0.00	48.19 4.47 0.00	44.51 4.21 0.00	32.50 3.06 0.00	29.94 2.79 0.00	31.65 2.86 0.00	46.90 4.34 0.00	50.70 4.80 0.00	43.24 4.51 0.00	46.85 4.99 0.00	57.74 5.91 0.00	78.91 7.24 0.00	72.82 7.16 0.00	77.76 7.78 0.00	79.43 8.00 0.00	78.72 7.71 -5.85	79.35 6.60 -20.34	168.20 14.89 -34.05	196.31 8.43 -114.37	105.91 5.94 -39.78	77.10 4.36 -22.88	59.05 4.43 -5.12	50.20 3.94 -5.79	41.34 3.78 0.00
FRANKLIN_FALL_HYD 24054	50.94 -0.99 0.00	42.50 -1.21 0.00	39.29 -1.01 0.00	28.81 -0.64 0.00	26.67 -0.48 0.00	28.53 -0.26 0.00	42.08 -0.47 0.00	45.32 -0.59 0.00	38.17 -0.57 0.00	41.28 -0.58 0.00	51.13 -0.70 0.00	70.84 -0.83 0.00	64.87 -0.79 0.00	68.78 -1.20 0.00	69.34 -2.08 0.00	60.24 -2.27 2.66	49.91 -2.49 0.00	115.61 -3.65 0.00	71.58 -1.92 0.00	60.12 -0.07 0.00	49.51 -0.34 0.00	49.15 -0.35 0.00	40.16 -0.32 0.00	37.25 -0.31 0.00
FREEPORT_EQUS_GT1 23764	56.42 4.50 0.00	47.68 3.97 0.00	44.10 3.80 0.00	32.21 2.77 0.00	29.66 2.51 0.00	31.35 2.55 0.00	46.46 3.90 0.00	50.19 4.29 0.00	42.81 4.08 0.00	46.33 4.47 0.00	56.96 5.13 0.00	78.33 6.67 0.00	71.96 6.31 0.00	76.85 6.87 0.00	78.87 7.45 0.00	78.17 7.16 -5.85	78.73 5.98 -20.34	166.94 13.62 -34.05	195.80 7.92 -114.37	105.70 5.72 -39.78	76.47 3.74 -22.88	58.54 3.92 -5.12	50.00 3.74 -5.79	41.02 3.46 0.00
FREEPORT___CT2 23818	56.42 4.50 0.00	47.68 3.97 0.00	44.10 3.80 0.00	32.21 2.77 0.00	29.66 2.51 0.00	31.35 2.55 0.00	46.46 3.90 0.00	50.19 4.29 0.00	42.81 4.08 0.00	46.33 4.47 0.00	56.96 5.13 0.00	78.33 6.67 0.00	71.96 6.31 0.00	76.85 6.87 0.00	78.87 7.45 0.00	78.17 7.16 -5.85	78.73 5.98 -20.34	166.94 13.62 -34.05	195.80 7.92 -114.37	105.70 5.72 -39.78	76.47 3.74 -22.88	58.54 3.92 -5.12	50.00 3.74 -5.79	41.02 3.46 0.00
FRESHKLS_33_KV_LOAD 356253	55.54 3.62 0.00	46.63 3.29 0.37	43.69 3.39 0.00	32.06 2.61 0.00	29.46 2.31 0.00	31.18 2.39 0.00	45.08 3.59 1.07	48.47 4.04 1.48	42.78 4.05 0.00	44.65 4.28 1.49	54.91 5.26 2.17	78.82 7.15 0.00	72.38 6.73 0.00	77.14 7.16 0.01	78.79 7.37 0.01	77.67 6.65 -5.85	78.11 5.35 -20.35	165.14 11.81 -34.06	194.71 6.79 -114.41	105.74 5.75 -39.80	81.81 4.17 -27.79	58.53 3.88 -5.16	43.76 3.28 0.00	40.82 3.26 0.00
FULTON COGEN____ 23766	51.40 -0.53 0.00	43.21 -0.51 0.00	39.77 -0.52 0.00	28.99 -0.45 0.00	26.70 -0.45 0.00	28.24 -0.55 0.00	41.83 -0.72 0.00	45.08 -0.83 0.00	38.04 -0.69 0.00	41.12 -0.74 0.00	50.93 -0.90 0.00	70.51 -1.16 0.00	64.50 -1.16 0.00	68.65 -1.33 0.00	69.96 -1.46 0.00	64.14 -1.03 0.00	51.52 -0.89 0.00	117.24 -2.02 0.00	72.42 -1.09 0.00	62.10 -0.75 -2.66	57.37 -0.56 -8.08	58.08 -0.50 -9.10	45.78 -0.50 -5.80	41.98 -0.50 -4.92
FULTON___LFGE 323630	59.25 7.32 0.00	49.67 5.96 0.00	45.58 5.28 0.00	33.17 3.73 0.00	30.53 3.38 0.00	32.41 3.61 0.00	47.80 5.24 0.00	50.74 4.83 0.00	43.15 4.42 0.00	45.44 3.58 0.00	56.17 4.34 0.00	77.59 5.92 0.00	68.97 3.31 0.00	74.65 4.67 0.00	78.14 6.71 0.00	95.09 5.15 -24.77	144.59 6.00 -86.19	349.94 20.39 -210.28	1242.88 12.72 -1156.65	476.25 9.86 -406.20	301.05 8.34 -242.86	111.77 7.93 -54.34	46.70 6.22 0.00	42.99 5.43 0.00
G.F.CEMENT___DRP 24184	55.32 3.39 0.00	46.48 2.77 0.00	42.82 2.53 0.00	31.35 1.91 0.00	29.18 2.03 0.00	31.01 2.21 0.00	45.87 3.32 0.00	49.57 3.67 0.00	41.93 3.20 0.00	45.38 3.52 0.00	56.11 4.28 0.00	77.68 6.02 0.00	71.40 5.74 0.00	76.38 6.40 0.00	77.73 6.30 0.00	97.42 6.07 -26.18	148.51 4.98 -91.12	352.55 11.67 -221.61	1296.48 7.23 -1215.74	492.68 5.55 -426.93	309.72 4.66 -255.21	111.17 4.56 -57.11	43.92 3.43 0.00	40.46 2.90 0.00
GARDENVILLE___LBMP 24039	53.04 1.12 0.00	44.13 0.42 0.00	40.32 0.02 0.00	29.05 -0.39 0.00	26.47 -0.69 0.00	27.66 -1.14 0.00	41.14 -1.42 0.00	43.51 -2.39 0.00	37.26 -1.48 0.00	41.04 -0.82 0.00	51.33 -0.50 0.00	70.39 -1.28 -0.01	63.68 -1.98 0.00	67.36 -3.04 -0.42	65.95 -3.02 2.45	86.77 -2.37 -23.97	55.34 -2.15 -5.08	145.15 -4.43 -30.32	73.04 -2.79 -2.32	57.91 -2.69 -0.41	47.62 -2.23 0.00	47.14 -2.36 0.00	38.64 -1.84 0.00	36.38 -1.18 0.00
GARDNVLA_35_KV_LD 355827	53.34 1.42 0.00	44.36 0.65 0.00	40.52 0.22 0.00	29.22 -0.23 0.00	26.60 -0.55 0.00	27.79 -1.00 0.00	41.33 -1.23 0.00	43.75 -2.16 0.00	37.45 -1.28 0.00	41.24 -0.62 0.00	51.59 -0.24 0.00	70.78 -0.89 -0.01	64.11 -1.55 0.00	68.98 -2.65 -1.65	66.89 -2.58 1.96	83.55 -1.95 -20.33	55.49 -1.80 -4.88	143.27 -3.65 -27.66	75.98 -2.35 -4.82	58.28 -2.33 -0.42	47.94 -1.92 -0.01	47.43 -2.06 0.00	38.86 -1.62 0.00	36.58 -0.98 0.00
GELCKHM___115KV_LOAD 80723	51.72 -0.20 0.00	43.48 -0.23 0.00	40.03 -0.27 0.00	29.16 -0.28 0.00	26.84 -0.31 0.00	28.38 -0.41 0.00	42.04 -0.51 0.00	45.32 -0.59 0.00	38.30 -0.44 0.00	41.45 -0.41 0.00	51.39 -0.44 0.00	71.22 -0.45 0.00	65.14 -0.52 0.00	69.41 -0.57 0.00	70.88 -0.54 0.00	64.78 -0.39 0.00	52.01 -0.40 0.00	118.24 -1.03 0.00	72.98 -0.53 0.00	60.60 -0.44 -0.84	52.05 -0.37 -2.57	52.08 -0.31 -2.89	42.04 -0.28 -1.84	38.89 -0.23 -1.57
GENERAL___MILLS 23808	53.18 1.26 0.00	44.25 0.53 0.00	40.41 0.12 0.00	29.13 -0.31 0.00	26.54 -0.61 0.00	27.73 -1.06 0.00	41.24 -1.32 0.00	43.64 -2.27 0.00	37.36 -1.38 0.00	41.13 -0.73 0.00	51.43 -0.40 0.00	70.58 -1.09 -0.01	63.87 -1.79 0.00	67.85 -2.85 -0.72	66.49 -2.83 2.10	83.46 -2.19 -20.48	55.25 -2.01 -4.85	142.22 -4.09 -27.04	73.86 -2.59 -2.94	58.07 -2.53 -0.42	47.77 -2.08 -0.01	47.29 -2.21 0.00	38.75 -1.73 0.00	36.48 -1.08 0.00
GE_PLASTICS___DRP 24183	53.41 1.49 0.00	45.19 1.47 0.00	41.70 1.41 0.00	30.51 1.06 0.00	28.14 0.99 0.00	29.82 1.03 0.00	43.99 1.43 0.00	47.56 1.65 0.00	40.07 1.34 0.00	43.21 1.35 0.00	53.19 1.37 0.00	73.33 1.67 0.00	67.24 1.58 0.00	71.90 1.92 0.00	73.28 1.86 0.00	80.87 1.74 -13.95	102.32 1.36 -48.56	227.84 2.88 -105.70	597.09 1.91 -521.67	244.49 1.42 -182.88	159.37 0.91 -108.61	74.74 0.93 -24.30	41.26 0.78 0.00	38.40 0.84 0.00
GILBOA___1 23756	53.86 1.94 0.00	45.77 2.05 0.00	42.30 2.01 0.00	30.92 1.47 0.00	28.52 1.37 0.00	30.19 1.40 0.00	44.62 2.07 0.00	48.13 2.22 0.00	40.26 1.53 0.00	43.56 1.70 0.00	53.94 2.11 0.00	74.49 2.82 0.00	68.22 2.56 0.00	72.73 2.75 0.00	74.14 2.72 0.00	72.67 2.42 -5.08	71.92 1.84 -17.67	150.19 3.84 -27.09	149.71 2.31 -73.89	87.48 1.73 -25.55	65.71 1.51 -14.35	54.25 1.55 -3.21	41.79 1.31 0.00	38.79 1.23 0.00
GILBOA___2 23757	53.86 1.94 0.00	45.77 2.05 0.00	42.30 2.01 0.00	30.92 1.47 0.00	28.52 1.37 0.00	30.19 1.40 0.00	44.62 2.07 0.00	48.13 2.22 0.00	40.26 1.53 0.00	43.56 1.70 0.00	53.94 2.11 0.00	74.49 2.82 0.00	68.22 2.56 0.00	72.73 2.75 0.00	74.14 2.72 0.00	72.67 2.42 -5.08	71.92 1.84 -17.67	150.19 3.84 -27.09	149.71 2.31 -73.89	87.48 1.73 -25.55	65.71 1.51 -14.35	54.25 1.55 -3.21	41.79 1.31 0.00	38.79 1.23 0.00

GILBOA___3 23758	53.86 1.94 0.00	45.77 2.05 0.00	42.30 2.01 0.00	30.92 1.47 0.00	28.52 1.37 0.00	30.19 1.40 0.00	44.62 2.07 0.00	48.13 2.22 0.00	40.26 1.53 0.00	43.56 1.70 0.00	53.94 2.11 0.00	74.49 2.82 0.00	68.22 2.56 0.00	72.73 2.75 0.00	74.14 2.72 0.00	72.67 2.42 -5.08	71.92 1.84 -17.67	150.19 3.84 -27.09	149.71 2.31 -73.89	87.48 1.73 -25.55	65.71 1.51 -14.35	54.25 1.55 -3.21	41.79 1.31 0.00	38.79 1.23 0.00
GILBOA___4 23759	53.86 1.94 0.00	45.77 2.05 0.00	42.30 2.01 0.00	30.92 1.47 0.00	28.52 1.37 0.00	30.19 1.40 0.00	44.62 2.07 0.00	48.13 2.22 0.00	40.26 1.53 0.00	43.56 1.70 0.00	53.94 2.11 0.00	74.49 2.82 0.00	68.22 2.56 0.00	72.73 2.75 0.00	74.14 2.72 0.00	72.67 2.42 -5.08	71.92 1.84 -17.67	150.19 3.84 -27.09	149.71 2.31 -73.89	87.48 1.73 -25.55	65.71 1.51 -14.35	54.25 1.55 -3.21	41.79 1.31 0.00	38.79 1.23 0.00
GILBOA___ 23599	53.87 1.94 0.00	45.76 2.05 0.00	42.30 2.01 0.00	30.92 1.47 0.00	28.52 1.37 0.00	30.19 1.40 0.00	44.62 2.07 0.00	48.13 2.22 0.00	40.26 1.53 0.00	43.56 1.70 0.00	53.94 2.11 0.00	74.49 2.82 0.00	68.22 2.55 0.00	72.73 2.75 0.00	74.14 2.72 0.00	72.66 2.42 -5.08	71.92 1.84 -17.67	150.20 3.85 -27.09	149.71 2.31 -73.89	87.48 1.73 -25.55	65.71 1.51 -14.35	54.25 1.55 -3.21	41.79 1.31 0.00	38.79 1.23 0.00
GINNA___ 23603	50.69 -1.24 0.00	42.33 -1.38 0.00	38.81 -1.49 0.00	28.17 -1.28 0.00	25.84 -1.31 0.00	27.24 -1.56 0.00	40.43 -2.12 0.00	43.22 -2.69 0.00	36.72 -2.01 0.00	40.03 -1.82 0.00	49.82 -2.01 0.00	68.89 -2.77 0.00	62.68 -2.98 0.00	66.54 -3.44 0.00	67.77 -3.65 0.00	60.68 -3.17 1.32	49.55 -2.76 0.10	111.85 -5.95 1.47	69.84 -3.67 0.00	56.93 -3.27 0.00	47.06 -2.80 0.00	46.78 -2.72 0.00	38.21 -2.28 0.00	35.64 -1.92 0.00
GLEN PARK___ 23778	53.15 1.22 0.00	44.60 0.89 0.00	41.26 0.96 0.00	30.09 0.65 0.00	27.79 0.64 0.00	29.57 0.78 0.00	43.89 1.34 0.00	47.35 1.44 0.00	40.09 1.36 0.00	43.35 1.49 0.00	53.33 1.50 0.00	74.55 2.88 0.00	67.97 2.31 0.00	71.98 2.00 0.00	73.63 2.21 0.00	66.49 1.85 0.53	54.29 1.89 0.00	124.09 4.83 0.00	76.40 2.89 0.00	63.50 2.08 -1.22	55.48 1.91 -3.72	55.63 1.95 -4.18	44.42 1.27 -2.67	40.82 1.00 -2.26
GLENDALE_27_KV_LOAD 356172	56.13 4.20 0.00	47.48 3.77 0.00	43.85 3.55 0.00	32.09 2.65 0.00	29.61 2.46 0.00	31.34 2.55 0.00	46.45 3.90 0.00	50.41 4.50 0.00	43.13 4.40 0.00	46.66 4.80 0.00	57.68 5.85 0.00	79.33 7.66 0.00	72.89 7.23 0.00	77.67 7.69 0.00	79.34 7.92 0.00	78.32 7.31 -5.85	78.68 5.93 -20.35	166.27 12.94 -34.06	195.26 7.34 -114.41	105.68 5.69 -39.79	76.34 4.11 -22.38	58.60 3.98 -5.12	43.92 3.43 0.00	40.97 3.41 0.00
GLENWOOD_IC_1_G5 23712	56.46 4.53 0.00	47.70 3.99 0.00	44.13 3.83 0.00	32.22 2.78 0.00	29.68 2.53 0.00	31.35 2.56 0.00	46.49 3.94 0.00	50.35 4.45 0.00	42.93 4.20 0.00	46.40 4.55 0.00	57.17 5.35 0.00	78.70 7.03 0.00	72.36 6.70 0.00	77.32 7.34 0.00	79.33 7.90 0.00	78.56 7.54 -5.85	78.97 6.22 -20.34	167.32 14.00 -34.05	195.96 8.08 -114.37	105.82 5.85 -39.78	76.59 3.85 -22.88	58.46 3.84 -5.12	49.75 3.49 -5.79	41.03 3.47 0.00
GLENWOOD_IC_2_G1 23688	56.27 4.34 0.00	47.55 3.84 0.00	43.97 3.68 0.00	32.12 2.68 0.00	29.59 2.44 0.00	31.27 2.47 0.00	46.36 3.81 0.00	50.22 4.32 0.00	42.77 4.04 0.00	46.29 4.43 0.00	57.22 5.39 0.00	78.70 7.03 0.00	72.36 6.70 0.00	77.28 7.30 0.00	79.25 7.83 0.00	78.49 7.47 -5.85	78.91 6.17 -20.34	167.19 13.88 -34.05	195.93 8.05 -114.37	105.83 5.85 -39.78	76.61 3.88 -22.88	58.51 3.89 -5.12	49.77 3.51 -5.79	40.89 3.33 0.00
GLENWOOD_IC_3_G1 23689	56.27 4.34 0.00	47.55 3.84 0.00	43.97 3.68 0.00	32.12 2.68 0.00	29.59 2.44 0.00	31.27 2.47 0.00	46.36 3.81 0.00	50.22 4.32 0.00	42.77 4.04 0.00	46.29 4.43 0.00	57.22 5.39 0.00	78.70 7.03 0.00	72.36 6.70 0.00	77.28 7.30 0.00	79.25 7.83 0.00	78.49 7.47 -5.85	78.91 6.17 -20.34	167.19 13.88 -34.05	195.93 8.05 -114.37	105.83 5.85 -39.78	76.61 3.88 -22.88	58.51 3.89 -5.12	49.77 3.51 -5.79	40.89 3.33 0.00
GLENWOOD___4 23550	56.46 4.53 0.00	47.70 3.99 0.00	44.13 3.83 0.00	32.22 2.78 0.00	29.68 2.53 0.00	31.35 2.56 0.00	46.49 3.94 0.00	50.35 4.45 0.00	42.93 4.20 0.00	46.44 4.58 0.00	57.30 5.48 0.00	78.88 7.21 0.00	72.53 6.87 0.00	77.49 7.51 0.00	79.51 8.08 0.00	78.72 7.70 -5.85	79.09 6.35 -20.34	167.61 14.29 -34.05	196.13 8.25 -114.37	105.95 5.98 -39.78	76.69 3.96 -22.88	58.57 3.95 -5.12	49.83 3.56 -5.79	41.03 3.47 0.00
GLENWOOD___5 23614	56.46 4.53 0.00	47.70 3.99 0.00	44.13 3.83 0.00	32.22 2.78 0.00	29.68 2.53 0.00	31.35 2.56 0.00	46.49 3.94 0.00	50.35 4.45 0.00	42.93 4.20 0.00	46.44 4.58 0.00	57.30 5.48 0.00	78.88 7.21 0.00	72.53 6.87 0.00	77.49 7.51 0.00	79.51 8.08 0.00	78.72 7.70 -5.85	79.09 6.35 -20.34	167.61 14.29 -34.05	196.13 8.25 -114.37	105.95 5.98 -39.78	76.69 3.96 -22.88	58.57 3.95 -5.12	49.83 3.56 -5.79	41.03 3.47 0.00
GLOBAL GREEN_PORT_GT1 23814	57.86 5.94 0.00	48.53 4.82 0.00	44.86 4.57 0.00	32.69 3.25 0.00	29.93 2.78 0.00	31.36 2.57 0.00	46.74 4.19 0.00	50.73 4.82 0.00	43.28 4.55 0.00	47.23 5.37 0.00	58.69 6.86 0.00	80.62 8.95 0.00	73.42 7.77 0.00	78.27 8.29 0.00	80.83 9.40 0.00	79.96 8.94 -5.85	79.06 6.31 -20.34	167.61 14.29 -34.05	195.99 8.11 -114.37	105.62 5.65 -39.78	76.17 3.44 -22.88	57.87 3.25 -5.12	50.42 4.15 -5.79	40.93 3.37 0.00
GLOBE___DSASP 323697	51.26 -0.67 0.00	42.68 -1.03 0.00	39.01 -1.29 0.00	28.19 -1.25 0.00	25.69 -1.47 0.00	26.86 -1.93 0.00	39.87 -2.69 0.00	41.81 -4.10 0.00	35.73 -3.01 0.00	39.21 -2.65 0.00	48.80 -3.03 0.00	66.55 -5.13 0.00	60.09 -5.56 0.00	60.14 -6.77 3.06	62.96 -6.84 1.63	48.91 -5.91 10.35	49.35 -5.04 -1.99	96.47 -11.00 11.80	61.81 -6.78 4.92	54.63 -5.91 -0.35	45.01 -4.83 0.02	44.71 -4.79 0.00	36.81 -3.66 0.00	35.05 -2.51 0.00
GOETHSLN___LBMP 323567	55.38 3.46 0.00	46.44 3.10 0.37	43.30 3.00 0.00	31.71 2.27 0.00	29.27 2.11 0.00	30.97 2.18 0.00	45.84 3.29 0.00	49.74 3.84 0.00	42.56 3.82 0.00	45.99 4.14 0.02	50.28 5.07 6.62	78.41 6.74 0.00	72.12 6.46 0.00	76.73 6.75 0.00	78.43 7.01 0.00	76.34 6.54 -4.63	70.29 5.34 -12.54	158.41 11.69 -27.46	186.23 6.67 -106.05	105.03 5.04 -39.79	76.41 3.67 -22.89	58.15 3.53 -5.12	43.54 3.06 0.00	40.58 3.02 0.00
GOLAH___69_KV_TB 1_2 80279	53.41 1.49 0.00	44.62 0.91 0.00	40.86 0.56 0.00	29.56 0.12 0.00	27.05 -0.10 0.00	28.47 -0.32 0.00	42.29 -0.26 0.00	45.04 -0.86 0.00	38.38 -0.35 0.00	41.92 0.06 0.00	52.15 0.32 0.00	72.02 0.35 0.00	65.18 -0.48 0.00	70.79 -0.73 -1.54	70.56 -0.90 -0.04	65.59 -0.67 -1.09	51.73 -0.82 -0.14	120.18 -1.47 -2.38	75.76 -0.87 -3.12	59.14 -1.05 0.00	48.97 -0.88 0.00	48.70 -0.80 0.00	39.83 -0.65 0.00	37.27 -0.28 0.00

GOODYEAR_LAKE_HYD 323669	54.77 2.84 0.00	46.13 2.42 0.00	42.51 2.21 0.00	30.98 1.54 0.00	28.54 1.39 0.00	30.19 1.39 0.00	44.77 2.21 0.00	48.32 2.41 0.00	40.79 2.06 0.00	44.23 2.37 0.00	54.85 3.01 0.00	75.72 4.05 0.00	69.21 3.55 0.00	73.70 3.72 0.00	75.15 3.73 0.00	77.52 3.48 -8.88	86.08 2.78 -30.89	195.99 6.74 -69.98	436.40 4.04 -358.85	189.35 3.26 -125.89	127.46 2.66 -74.95	68.89 2.62 -16.77	42.60 2.11 0.00	39.42 1.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	53.25 1.32 0.00	44.69 0.98 0.00	41.15 0.85 0.00	29.90 0.46 0.00	27.57 0.42 0.00	29.06 0.27 0.00	43.08 0.53 0.00	46.55 0.64 0.00	39.44 0.71 0.00	42.98 1.12 0.00	53.39 1.56 0.00	73.72 2.05 0.00	67.31 1.65 0.00	71.46 1.48 0.00	72.88 1.46 0.00	70.50 1.42 -3.90	60.84 1.20 -7.23	137.14 3.13 -14.74	122.89 1.68 -47.70	78.43 1.09 -17.14	61.72 0.65 -11.22	54.06 0.66 -3.90	42.14 0.55 -1.10	39.01 0.51 -0.94
GOUDEY___7 23579	53.30 1.38 0.00	44.74 1.02 0.00	41.19 0.89 0.00	29.93 0.49 0.00	27.59 0.44 0.00	29.09 0.29 0.00	43.12 0.57 0.00	46.60 0.69 0.00	39.50 0.76 0.00	43.03 1.17 0.00	53.45 1.63 0.00	73.84 2.17 0.00	67.41 1.75 0.00	71.58 1.60 0.00	73.00 1.57 0.00	70.60 1.53 -3.90	60.92 1.28 -7.23	137.35 3.34 -14.74	123.00 1.79 -47.70	78.50 1.17 -17.14	61.77 0.71 -11.22	54.12 0.72 -3.90	42.19 0.61 -1.10	39.05 0.55 -0.94
GOUDEY___8 23580	53.25 1.32 0.00	44.69 0.98 0.00	41.15 0.85 0.00	29.90 0.46 0.00	27.57 0.42 0.00	29.06 0.27 0.00	43.08 0.53 0.00	46.55 0.64 0.00	39.44 0.71 0.00	42.98 1.12 0.00	53.39 1.56 0.00	73.72 2.05 0.00	67.31 1.65 0.00	71.46 1.48 0.00	72.88 1.46 0.00	70.50 1.42 -3.90	60.84 1.20 -7.23	137.14 3.13 -14.74	122.89 1.68 -47.70	78.43 1.09 -17.14	61.72 0.65 -11.22	54.06 0.66 -3.90	42.14 0.55 -1.10	39.01 0.51 -0.94
GOWANUS_GT1_1 24077	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT1_2 24078	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT1_3 24079	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT1_4 24080	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT1_5 24084	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT1_6 24111	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT1_7 24112	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT1_8 24113	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT2_1 24114	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.58 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.54 5.55 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT2_2 24115	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.58 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.54 5.55 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT2_3 24116	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.58 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.54 5.55 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00

GOWANUS_GT2_4 24117	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.58 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.54 5.55 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT2_5 24118	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.58 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.54 5.55 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT2_6 24119	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.58 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.54 5.55 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT2_7 24120	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.58 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.54 5.55 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT2_8 24121	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.58 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.54 5.55 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT3_1 24122	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.75 6.83 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT3_2 24123	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.75 6.83 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT3_3 24124	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.75 6.83 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT3_4 24125	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.75 6.83 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT3_5 24126	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.75 6.83 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT3_6 24127	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.75 6.83 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT3_7 24128	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.75 6.83 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT3_8 24129	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.75 6.83 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT4_1 24130	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT4_2 24131	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00

GOWANUS_GT4_3 24132	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT4_4 24133	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT4_5 24134	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT4_6 24135	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT4_7 24136	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GOWANUS_GT4_8 24137	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.33 12.00 -34.06	194.72 6.80 -114.41	105.55 5.56 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GREENBSH_115KV_TB3 55895	53.33 1.40 0.00	45.05 1.34 0.00	41.56 1.27 0.00	30.42 0.98 0.00	28.07 0.92 0.00	29.73 0.94 0.00	43.86 1.30 0.00	47.46 1.55 0.00	39.99 1.26 0.00	43.17 1.31 0.00	53.36 1.53 0.00	73.63 1.96 0.00	67.72 2.06 0.00	72.45 2.47 0.00	73.81 2.39 0.00	83.76 2.25 -16.34	111.05 1.78 -56.86	251.54 3.87 -128.41	734.21 2.65 -658.06	293.06 2.02 -230.85	188.55 1.27 -137.42	81.51 1.26 -30.75	41.47 0.99 0.00	38.46 0.90 0.00
GREENDGE_115KV_TB5 80291	53.22 1.30 0.00	44.42 0.70 0.00	40.70 0.41 0.00	29.60 0.16 0.00	27.13 -0.02 0.00	28.37 -0.42 0.00	42.21 -0.35 0.00	45.41 -0.49 0.00	38.56 -0.17 0.00	41.97 0.11 0.00	52.18 0.35 0.00	72.24 0.57 0.00	65.86 0.19 0.00	69.86 -0.12 0.00	74.99 0.13 -3.44	69.61 0.84 -3.60	56.42 0.08 -3.94	126.95 0.48 -7.20	75.80 0.64 -1.65	61.43 0.37 -0.86	51.32 0.25 -1.22	51.20 0.33 -1.37	41.43 0.07 -0.88	38.33 0.02 -0.74
GREENIDGE___3 23582	53.22 1.30 0.00	44.42 0.70 0.00	40.70 0.41 0.00	29.60 0.16 0.00	27.13 -0.02 0.00	28.37 -0.42 0.00	42.21 -0.35 0.00	45.41 -0.49 0.00	38.56 -0.17 0.00	41.97 0.11 0.00	52.18 0.35 0.00	72.24 0.57 0.00	65.86 0.19 0.00	69.86 -0.12 0.00	74.99 0.13 -3.44	69.61 0.84 -3.60	56.42 0.08 -3.94	126.95 0.48 -7.20	75.80 0.64 -1.65	61.43 0.37 -0.86	51.32 0.25 -1.22	51.20 0.33 -1.37	41.43 0.07 -0.88	38.33 0.02 -0.74
GREENIDGE___4 23583	53.23 1.31 0.00	44.42 0.70 0.00	40.70 0.40 0.00	29.61 0.16 0.00	27.13 -0.02 0.00	28.37 -0.42 0.00	42.20 -0.35 0.00	45.42 -0.49 0.00	38.56 -0.17 0.00	41.97 0.11 0.00	52.18 0.35 0.00	72.24 0.57 0.00	65.86 0.20 0.00	69.86 -0.12 0.00	74.99 0.13 -3.44	69.63 0.87 -3.60	56.42 0.08 -3.94	127.01 0.55 -7.20	75.77 0.61 -1.65	61.44 0.39 -0.86	51.33 0.26 -1.22	51.21 0.34 -1.37	41.42 0.06 -0.88	38.33 0.02 -0.74
GREENLWN_69_KV_BK 3 55738	55.30 3.38 0.00	46.99 3.28 0.00	43.65 3.35 0.00	31.90 2.46 0.00	29.38 2.23 0.00	30.97 2.18 0.00	45.88 3.33 0.00	49.40 3.49 0.00	42.07 3.34 0.00	45.55 3.69 0.00	56.39 4.56 0.00	77.59 5.93 0.00	71.30 5.64 0.00	76.12 6.14 0.00	78.18 6.76 0.00	77.60 6.58 -5.85	78.24 5.49 -20.34	165.65 12.34 -34.05	194.98 7.10 -114.37	105.01 5.03 -39.78	75.84 3.11 -22.88	57.71 3.10 -5.12	49.16 2.89 -5.79	40.23 2.66 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.35 12.02 -34.06	194.75 6.82 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
GRISSOM___SOLAR 323813	59.25 7.32 0.00	49.67 5.96 0.00	45.58 5.28 0.00	33.17 3.73 0.00	30.53 3.38 0.00	32.41 3.61 0.00	47.80 5.24 0.00	50.74 4.83 0.00	43.15 4.42 0.00	45.44 3.58 0.00	56.17 4.34 0.00	77.59 5.92 0.00	68.97 3.31 0.00	74.65 4.67 0.00	78.14 6.71 0.00	95.09 5.15 -24.77	144.59 6.00 -86.19	349.94 20.39 -210.28	1242.88 12.72 -1156.65	476.25 9.86 -406.20	301.05 8.34 -242.86	111.77 7.93 -54.34	46.70 6.22 0.00	42.99 5.43 0.00
GROVEVILLE___HYD 323602	56.06 4.14 0.00	47.28 3.57 0.00	43.61 3.32 0.00	31.87 2.42 0.00	29.38 2.23 0.00	31.10 2.31 0.00	46.07 3.52 0.00	49.99 4.08 0.00	42.56 3.83 0.00	46.14 4.29 0.00	57.26 5.43 0.00	79.12 7.45 0.00	72.74 7.08 0.00	77.60 7.62 0.00	79.42 7.99 0.00	78.65 7.49 -5.99	79.39 6.13 -20.85	168.34 13.83 -35.24	202.20 8.06 -120.63	108.27 6.10 -41.97	78.57 4.52 -24.19	59.28 4.37 -5.41	43.93 3.45 0.00	40.75 3.19 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.98 0.06 0.00	43.73 0.01 0.00	40.23 -0.06 0.00	29.30 -0.15 0.00	26.95 -0.20 0.00	28.49 -0.30 0.00	42.22 -0.34 0.00	45.52 -0.38 0.00	38.48 -0.26 0.00	41.59 -0.27 0.00	51.58 -0.25 0.00	71.51 -0.16 0.00	65.42 -0.24 0.00	69.70 -0.27 0.00	71.22 -0.20 0.00	65.13 -0.04 0.00	52.26 -0.14 0.00	118.80 -0.47 0.00	73.34 -0.17 0.00	61.35 -0.13 -1.29	53.67 -0.10 -3.92	53.87 -0.03 -4.41	43.25 -0.05 -2.81	39.97 0.02 -2.38

HAMLTNNY_34_KV_TB 80303	52.34 0.41 0.00	44.00 0.29 0.00	40.47 0.18 0.00	29.49 0.05 0.00	27.12 -0.03 0.00	28.67 -0.12 0.00	42.49 -0.06 0.00	45.80 -0.11 0.00	38.71 -0.02 0.00	41.90 0.04 0.00	52.01 0.18 0.00	72.14 0.47 0.00	65.83 0.18 0.00	70.14 0.16 0.00	71.67 0.25 0.00	65.62 0.45 0.00	52.57 0.16 0.00	119.64 0.38 0.00	73.87 0.36 0.00	61.84 0.29 -1.36	54.25 0.27 -4.14	54.42 0.27 -4.66	43.61 0.16 -2.97	40.20 0.12 -2.52
HAMPSHIRE___PAPER_HYD 323593	51.11 -0.81 0.00	42.96 -0.75 0.00	39.73 -0.57 0.00	29.02 -0.42 0.00	26.80 -0.35 0.00	28.51 -0.28 0.00	42.16 -0.39 0.00	45.48 -0.43 0.00	38.41 -0.32 0.00	41.43 -0.43 0.00	51.19 -0.64 0.00	71.35 -0.32 0.00	65.23 -0.43 0.00	69.51 -0.47 0.00	70.74 -0.68 0.00	62.99 -0.68 1.50	51.97 -0.43 0.00	118.69 -0.57 0.00	72.82 -0.68 0.00	59.73 -0.94 -0.48	51.16 -0.15 -1.47	51.04 -0.10 -1.65	41.28 -0.25 -1.05	38.20 -0.26 -0.89
HARDSCRABBLE_WT_PWR 323673	53.98 2.06 0.00	45.50 1.79 0.00	41.96 1.66 0.00	30.65 1.21 0.00	28.32 1.17 0.00	29.97 1.18 0.00	44.13 1.58 0.00	47.64 1.74 0.00	39.95 1.22 0.00	43.03 1.17 0.00	53.22 1.39 0.00	73.72 2.06 0.00	67.52 1.86 0.00	72.11 2.13 0.00	74.19 2.76 0.00	67.79 2.48 -0.14	54.50 2.09 0.00	124.77 5.51 0.00	77.10 3.60 0.00	63.00 2.81 0.00	51.80 1.95 0.00	51.35 1.85 0.00	42.17 1.69 0.00	38.84 1.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	55.73 3.80 0.00	46.92 3.21 0.00	43.27 2.97 0.00	31.61 2.16 0.00	29.15 2.00 0.00	30.84 2.05 0.00	45.72 3.16 0.00	49.62 3.72 0.00	42.34 3.61 0.00	45.90 4.04 0.00	57.00 5.17 0.00	78.78 7.11 0.00	72.33 6.68 0.00	77.00 7.02 0.00	78.65 7.23 0.00	77.36 6.81 -5.38	76.73 5.60 -18.72	163.24 12.68 -31.30	185.77 7.39 -104.87	102.27 5.60 -36.47	74.88 4.05 -20.98	58.09 3.90 -4.69	43.67 3.19 0.00	40.52 2.96 0.00
HARSNRAD_115KV_TB1 81005	52.05 0.13 0.00	43.36 -0.35 0.00	39.60 -0.70 0.00	28.58 -0.86 0.00	26.04 -1.11 0.00	27.24 -1.55 0.00	40.47 -2.08 0.00	42.60 -3.31 0.00	36.37 -2.37 0.00	39.87 -1.99 0.00	49.68 -2.15 0.00	68.13 -3.54 0.00	61.51 -4.14 0.01	20.96 -5.20 43.82	63.14 -5.47 2.81	3.41 -4.58 57.18	45.43 -3.96 3.02	20.21 -8.51 90.54	-19.24 -5.27 87.47	55.86 -4.64 -0.30	46.05 -3.75 0.04	45.78 -3.72 0.00	37.60 -2.88 0.00	35.55 -2.01 0.00
HARZA MOOSE___RIVER 24016	53.29 1.37 0.00	44.85 1.14 0.00	41.40 1.10 0.00	30.21 0.76 0.00	27.87 0.72 0.00	29.59 0.80 0.00	43.79 1.24 0.00	47.24 1.34 0.00	39.91 1.18 0.00	43.04 1.18 0.00	53.17 1.34 0.00	74.08 2.42 0.00	67.92 2.26 0.00	72.44 2.46 0.00	73.81 2.39 0.00	67.15 2.29 0.31	54.54 2.14 0.00	124.27 5.01 0.00	76.23 2.73 0.00	62.67 2.08 -0.40	52.84 1.78 -1.21	52.64 1.78 -1.36	42.61 1.26 -0.87	39.33 1.03 -0.74
HDSNBRDG_115KV_BRDG_TB1 355580	51.88 -0.04 0.00	43.58 -0.13 0.00	40.11 -0.18 0.00	29.23 -0.21 0.00	26.92 -0.24 0.00	28.45 -0.34 0.00	42.14 -0.41 0.00	45.43 -0.47 0.00	38.41 -0.32 0.00	41.60 -0.26 0.00	51.63 -0.20 0.00	71.51 -0.16 0.00	65.45 -0.21 0.00	69.70 -0.28 0.00	71.15 -0.27 0.00	65.02 -0.14 0.00	52.25 -0.16 0.00	118.76 -0.50 0.00	73.23 -0.28 0.00	60.66 -0.25 -0.71	51.78 -0.23 -2.16	51.75 -0.18 -2.44	41.82 -0.21 -1.55	38.68 -0.19 -1.32
HELLGATE_13_KV_LD 55870	55.80 3.88 0.00	47.23 3.51 0.00	43.61 3.32 0.00	31.94 2.50 0.00	29.46 2.30 0.00	31.17 2.38 0.00	46.18 3.63 0.00	50.12 4.21 0.00	42.85 4.12 0.00	46.35 4.48 0.00	57.27 5.44 0.00	78.76 7.10 0.00	72.38 6.72 0.00	77.10 7.13 0.00	78.79 7.37 0.00	77.82 6.80 -5.85	78.29 5.54 -20.35	165.37 12.04 -34.07	194.71 6.79 -114.42	105.23 5.24 -39.79	76.07 3.75 -22.47	58.23 3.62 -5.12	43.64 3.16 0.00	40.71 3.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	55.80 3.88 0.00	47.23 3.51 0.00	43.61 3.32 0.00	31.94 2.50 0.00	29.46 2.30 0.00	31.17 2.38 0.00	46.18 3.63 0.00	50.12 4.21 0.00	42.85 4.12 0.00	46.35 4.48 0.00	57.27 5.44 0.00	78.76 7.10 0.00	72.38 6.72 0.00	77.10 7.13 0.00	78.79 7.37 0.00	77.82 6.80 -5.85	78.29 5.54 -20.35	165.37 12.04 -34.07	194.71 6.79 -114.42	105.23 5.24 -39.79	76.07 3.75 -22.47	58.23 3.62 -5.12	43.64 3.16 0.00	40.71 3.15 0.00
HEMPSTEAD____ 23647	56.04 4.11 0.00	47.37 3.66 0.00	43.84 3.55 0.00	32.01 2.57 0.00	29.49 2.34 0.00	31.15 2.36 0.00	46.20 3.64 0.00	49.98 4.08 0.00	42.62 3.89 0.00	46.09 4.23 0.00	56.90 5.07 0.00	78.29 6.62 0.00	71.95 6.29 0.00	76.82 6.84 0.00	78.83 7.40 0.00	78.11 7.09 -5.85	78.64 5.89 -20.34	166.60 13.29 -34.05	195.58 7.70 -114.37	105.52 5.55 -39.78	76.32 3.59 -22.88	58.24 3.63 -5.12	49.62 3.35 -5.79	40.74 3.18 0.00
HEWLETT_69_KV_BK3 55828	56.72 4.79 0.00	47.92 4.21 0.00	44.27 3.98 0.00	32.34 2.90 0.00	29.79 2.64 0.00	31.49 2.70 0.00	46.65 4.10 0.00	50.42 4.51 0.00	43.00 4.27 0.00	46.57 4.72 0.00	57.51 5.68 0.00	78.78 7.11 0.00	72.57 6.91 0.00	77.48 7.50 0.00	79.28 7.86 0.00	78.56 7.54 -5.85	79.12 6.37 -20.34	167.71 14.39 -34.05	196.10 8.22 -114.37	105.88 5.90 -39.78	76.91 4.17 -22.88	58.84 4.23 -5.12	50.06 3.79 -5.79	41.15 3.59 0.00
HICKLING___1 23621	53.70 1.77 0.00	44.83 1.12 0.00	41.17 0.87 0.00	29.76 0.32 0.00	27.35 0.20 0.00	28.61 -0.18 0.00	42.54 -0.02 0.00	45.97 0.06 0.00	39.13 0.39 0.00	42.86 1.00 0.00	53.60 1.77 0.00	74.06 2.39 0.00	67.34 1.68 0.00	71.08 1.10 0.00	73.39 1.15 -0.82	72.05 1.52 -5.36	59.23 1.20 -5.63	136.48 3.51 -13.71	110.18 1.81 -34.86	73.78 1.03 -12.56	58.65 0.49 -8.31	53.00 0.52 -2.98	41.79 0.41 -0.90	38.65 0.33 -0.76
HICKLING___2 23622	53.70 1.77 0.00	44.83 1.12 0.00	41.17 0.87 0.00	29.76 0.32 0.00	27.35 0.20 0.00	28.61 -0.18 0.00	42.54 -0.02 0.00	45.97 0.06 0.00	39.13 0.39 0.00	42.86 1.00 0.00	53.60 1.77 0.00	74.06 2.39 0.00	67.34 1.68 0.00	71.08 1.10 0.00	73.39 1.15 -0.82	72.05 1.52 -5.36	59.23 1.20 -5.63	136.48 3.51 -13.71	110.18 1.81 -34.86	73.78 1.03 -12.56	58.65 0.49 -8.31	53.00 0.52 -2.98	41.79 0.41 -0.90	38.65 0.33 -0.76
HIGH FALLS___HY 23754	55.87 3.95 0.00	47.05 3.34 0.00	43.40 3.10 0.00	31.69 2.25 0.00	29.21 2.06 0.00	30.90 2.11 0.00	45.86 3.31 0.00	49.74 3.83 0.00	42.38 3.65 0.00	46.03 4.17 0.00	57.19 5.36 0.00	78.88 7.21 0.00	72.61 6.95 0.00	76.80 6.82 0.00	78.69 7.27 0.00	79.10 7.00 -6.93	82.46 5.95 -24.11	177.03 13.47 -44.29	256.91 7.81 -175.59	127.45 5.95 -61.30	90.13 4.47 -35.81	61.95 4.44 -8.01	43.97 3.49 0.00	40.76 3.20 0.00
HIGH_RIVER___SOLAR 323847	54.88 2.96 0.00	46.21 2.50 0.00	42.57 2.27 0.00	31.10 1.65 0.00	28.68 1.53 0.00	30.40 1.61 0.00	44.94 2.39 0.00	48.39 2.49 0.00	40.78 2.05 0.00	43.99 2.13 0.00	54.31 2.48 0.00	75.34 3.67 0.00	68.99 3.33 0.00	73.70 3.72 0.00	75.13 3.71 0.00	95.71 3.42 -27.11	149.51 2.76 -94.34	357.50 7.26 -230.97	1352.58 4.83 -1274.24	511.51 3.80 -447.51	320.61 3.15 -267.61	112.48 3.10 -59.88	42.95 2.47 0.00	39.73 2.17 0.00

HILLBURN___GT 23639	55.47 3.55 0.00	46.77 3.05 0.00	43.13 2.84 0.00	31.53 2.08 0.00	29.07 1.92 0.00	30.77 1.98 0.00	45.61 3.05 0.00	49.53 3.62 0.00	42.26 3.52 0.00	45.79 3.93 0.00	56.79 4.96 0.00	78.43 6.76 0.00	72.01 6.35 0.00	76.61 6.63 0.00	78.28 6.86 0.00	77.04 6.39 -5.48	76.71 5.24 -19.06	162.95 11.80 -31.88	187.23 6.88 -106.85	102.54 5.19 -37.16	74.91 3.68 -21.37	57.86 3.58 -4.78	43.46 2.98 0.00	40.39 2.83 0.00
HILLSIDE_115KV_TB1 80332	52.80 0.88 0.00	44.14 0.42 0.00	40.61 0.31 0.00	29.38 -0.06 0.00	27.08 -0.07 0.00	28.38 -0.41 0.00	42.21 -0.34 0.00	45.69 -0.22 0.00	38.88 0.15 0.00	42.60 0.74 0.00	53.18 1.35 0.00	73.39 1.73 0.00	66.76 1.10 0.00	70.60 0.62 0.00	72.74 0.60 -0.72	70.88 0.75 -4.96	58.82 0.63 -5.79	135.02 2.20 -13.55	110.53 0.91 -36.11	73.47 0.26 -13.01	58.23 -0.23 -8.60	52.41 -0.18 -3.09	41.30 -0.12 -0.93	38.22 -0.13 -0.79
HISHELDN_WT_PWR 323625	52.94 1.02 0.00	44.10 0.39 0.00	40.30 0.00 0.00	29.06 -0.39 0.00	26.37 -0.78 0.00	27.42 -1.37 0.00	40.70 -1.85 0.00	43.35 -2.56 0.00	37.06 -1.67 0.00	40.76 -1.10 0.00	50.99 -0.84 0.00	70.23 -1.45 0.00	63.53 -2.13 0.00	66.96 -3.28 -0.26	62.38 -3.41 5.63	77.88 -2.31 -15.03	55.04 -2.04 -4.68	135.51 -4.03 -20.28	73.09 -2.54 -2.13	58.17 -2.47 -0.45	47.84 -2.02 0.00	47.44 -2.06 0.00	38.82 -1.66 0.00	36.34 -1.22 0.00
HOLTSVILLE_IC_1 23690	55.83 3.91 0.00	47.33 3.62 0.00	43.95 3.65 0.00	32.08 2.64 0.00	29.53 2.38 0.00	31.13 2.34 0.00	46.21 3.66 0.00	49.90 3.99 0.00	42.43 3.70 0.00	45.95 4.09 0.00	56.88 5.05 0.00	78.13 6.46 0.00	71.47 5.81 0.00	76.13 6.15 0.00	78.39 6.96 0.00	77.90 6.88 -5.85	78.43 5.69 -20.34	166.21 12.89 -34.05	195.42 7.54 -114.37	105.32 5.35 -39.78	75.99 3.26 -22.88	57.79 3.18 -5.12	49.47 3.20 -5.79	40.40 2.84 0.00
HOLTSVILLE_IC_10 23699	56.16 4.24 0.00	47.63 3.92 0.00	44.22 3.92 0.00	32.27 2.83 0.00	29.70 2.55 0.00	31.31 2.52 0.00	46.50 3.95 0.00	50.24 4.33 0.00	42.70 3.97 0.00	46.27 4.42 0.00	57.28 5.45 0.00	78.74 7.08 0.00	72.01 6.35 0.00	76.69 6.71 0.00	79.00 7.58 0.00	78.52 7.50 -5.85	78.92 6.17 -20.34	167.36 14.05 -34.05	196.11 8.23 -114.37	105.85 5.88 -39.78	76.40 3.67 -22.88	58.18 3.56 -5.12	49.78 3.51 -5.79	40.65 3.09 0.00
HOLTSVILLE_IC_2 23691	55.83 3.91 0.00	47.33 3.62 0.00	43.95 3.65 0.00	32.08 2.64 0.00	29.53 2.38 0.00	31.13 2.34 0.00	46.21 3.66 0.00	49.90 3.99 0.00	42.43 3.70 0.00	45.95 4.09 0.00	56.88 5.05 0.00	78.13 6.46 0.00	71.47 5.81 0.00	76.13 6.15 0.00	78.39 6.96 0.00	77.90 6.88 -5.85	78.43 5.69 -20.34	166.21 12.89 -34.05	195.42 7.54 -114.37	105.32 5.35 -39.78	75.99 3.26 -22.88	57.79 3.18 -5.12	49.47 3.20 -5.79	40.40 2.84 0.00
HOLTSVILLE_IC_3 23692	55.83 3.91 0.00	47.33 3.62 0.00	43.95 3.65 0.00	32.08 2.64 0.00	29.53 2.38 0.00	31.13 2.34 0.00	46.21 3.66 0.00	49.90 3.99 0.00	42.43 3.70 0.00	45.95 4.09 0.00	56.88 5.05 0.00	78.13 6.46 0.00	71.47 5.81 0.00	76.13 6.15 0.00	78.39 6.96 0.00	77.90 6.88 -5.85	78.43 5.69 -20.34	166.21 12.89 -34.05	195.42 7.54 -114.37	105.32 5.35 -39.78	75.99 3.26 -22.88	57.79 3.18 -5.12	49.47 3.20 -5.79	40.40 2.84 0.00
HOLTSVILLE_IC_4 23693	55.83 3.91 0.00	47.33 3.62 0.00	43.95 3.65 0.00	32.08 2.64 0.00	29.53 2.38 0.00	31.13 2.34 0.00	46.21 3.66 0.00	49.90 3.99 0.00	42.43 3.70 0.00	45.95 4.09 0.00	56.88 5.05 0.00	78.13 6.46 0.00	71.47 5.81 0.00	76.13 6.15 0.00	78.39 6.96 0.00	77.90 6.88 -5.85	78.43 5.69 -20.34	166.21 12.89 -34.05	195.42 7.54 -114.37	105.32 5.35 -39.78	75.99 3.26 -22.88	57.79 3.18 -5.12	49.47 3.20 -5.79	40.40 2.84 0.00
HOLTSVILLE_IC_5 23694	55.83 3.91 0.00	47.33 3.62 0.00	43.95 3.65 0.00	32.08 2.64 0.00	29.53 2.38 0.00	31.13 2.34 0.00	46.21 3.66 0.00	49.90 3.99 0.00	42.43 3.70 0.00	45.95 4.09 0.00	56.88 5.05 0.00	78.13 6.46 0.00	71.47 5.81 0.00	76.13 6.15 0.00	78.39 6.96 0.00	77.90 6.88 -5.85	78.43 5.69 -20.34	166.21 12.89 -34.05	195.42 7.54 -114.37	105.32 5.35 -39.78	75.99 3.26 -22.88	57.79 3.18 -5.12	49.47 3.20 -5.79	40.40 2.84 0.00
HOLTSVILLE_IC_6 23695	56.16 4.24 0.00	47.63 3.92 0.00	44.22 3.92 0.00	32.27 2.83 0.00	29.70 2.55 0.00	31.31 2.52 0.00	46.50 3.95 0.00	50.24 4.33 0.00	42.70 3.97 0.00	46.27 4.42 0.00	57.28 5.45 0.00	78.74 7.08 0.00	72.01 6.35 0.00	76.69 6.71 0.00	79.00 7.58 0.00	78.52 7.50 -5.85	78.92 6.17 -20.34	167.36 14.05 -34.05	196.11 8.23 -114.37	105.85 5.88 -39.78	76.40 3.67 -22.88	58.18 3.56 -5.12	49.78 3.51 -5.79	40.65 3.09 0.00
HOLTSVILLE_IC_7 23696	56.16 4.24 0.00	47.63 3.92 0.00	44.22 3.92 0.00	32.27 2.83 0.00	29.70 2.55 0.00	31.31 2.52 0.00	46.50 3.95 0.00	50.24 4.33 0.00	42.70 3.97 0.00	46.27 4.42 0.00	57.28 5.45 0.00	78.74 7.08 0.00	72.01 6.35 0.00	76.69 6.71 0.00	79.00 7.58 0.00	78.52 7.50 -5.85	78.92 6.17 -20.34	167.36 14.05 -34.05	196.11 8.23 -114.37	105.85 5.88 -39.78	76.40 3.67 -22.88	58.18 3.56 -5.12	49.78 3.51 -5.79	40.65 3.09 0.00
HOLTSVILLE_IC_8 23697	56.16 4.24 0.00	47.63 3.92 0.00	44.22 3.92 0.00	32.27 2.83 0.00	29.70 2.55 0.00	31.31 2.52 0.00	46.50 3.95 0.00	50.24 4.33 0.00	42.70 3.97 0.00	46.27 4.42 0.00	57.28 5.45 0.00	78.74 7.08 0.00	72.01 6.35 0.00	76.69 6.71 0.00	79.00 7.58 0.00	78.52 7.50 -5.85	78.92 6.17 -20.34	167.36 14.05 -34.05	196.11 8.23 -114.37	105.85 5.88 -39.78	76.40 3.67 -22.88	58.18 3.56 -5.12	49.78 3.51 -5.79	40.65 3.09 0.00
HOLTSVILLE_IC_9 23698	56.16 4.24 0.00	47.63 3.92 0.00	44.22 3.92 0.00	32.27 2.83 0.00	29.70 2.55 0.00	31.31 2.52 0.00	46.50 3.95 0.00	50.24 4.33 0.00	42.70 3.97 0.00	46.27 4.42 0.00	57.28 5.45 0.00	78.74 7.08 0.00	72.01 6.35 0.00	76.69 6.71 0.00	79.00 7.58 0.00	78.52 7.50 -5.85	78.92 6.17 -20.34	167.36 14.05 -34.05	196.11 8.23 -114.37	105.85 5.88 -39.78	76.40 3.67 -22.88	58.18 3.56 -5.12	49.78 3.51 -5.79	40.65 3.09 0.00
HOMER_HL_115KV_TB2 355744	52.50 0.57 0.00	43.81 0.10 0.00	40.13 -0.17 0.00	28.94 -0.50 0.00	26.54 -0.61 0.00	27.86 -0.94 0.00	41.53 -1.02 0.00	44.46 -1.44 0.00	38.17 -0.56 0.00	42.11 0.25 0.00	52.65 0.82 0.00	72.23 0.55 0.00	65.13 -0.53 0.00	68.91 -1.48 -0.40	69.56 -1.53 0.33	77.67 -1.41 -13.91	55.64 -1.61 -4.85	136.02 -2.82 -19.58	74.26 -1.77 -2.53	58.62 -2.05 -0.48	47.93 -1.93 0.00	47.69 -1.81 0.00	39.06 -1.42 0.00	36.56 -1.00 0.00
HOWARD_WT_PWR 323690	54.06 2.13 0.00	45.05 1.34 0.00	40.98 0.68 0.00	29.45 0.01 0.00	26.57 -0.58 0.00	27.53 -1.27 0.00	41.04 -1.51 0.00	44.15 -1.76 0.00	37.69 -1.05 0.00	40.98 -0.88 0.00	51.62 -0.21 0.00	71.35 -0.31 0.00	64.45 -1.21 0.00	67.30 -2.68 0.00	76.06 -1.81 -6.44	72.51 -0.08 -7.42	56.56 -0.68 -4.83	130.40 -0.89 -12.02	74.98 -0.45 -1.92	60.61 -0.42 -0.83	50.64 -0.11 -0.90	50.29 -0.22 -1.01	40.70 -0.43 -0.64	37.64 -0.47 -0.55

HQ_GEN_CEDARS 23644	50.03 -1.89 0.00	41.84 -1.88 0.00	38.58 -1.71 0.00	28.21 -1.23 0.00	26.09 -1.07 0.00	27.85 -0.94 0.00	41.14 -1.41 0.00	44.26 -1.65 0.00	37.27 -1.46 0.00	40.20 -1.66 0.00	49.72 -2.11 0.00	68.78 -2.89 0.00	63.01 -2.65 0.00	67.07 -2.91 0.00	68.41 -3.02 0.00	59.51 -2.98 2.68	50.02 -2.39 0.00	113.97 -5.30 0.00	70.31 -3.19 0.00	57.49 -2.70 0.00	48.40 -1.45 0.00	48.05 -1.44 0.00	39.42 -1.06 0.00	36.76 -0.80 0.00
HQ_GEN_CEDARS_PROXY 323590	50.03 -1.89 0.00	41.84 -1.88 0.00	38.58 -1.71 0.00	28.21 -1.23 0.00	26.09 -1.07 0.00	27.86 -0.94 0.00	40.61 -1.41 0.54	45.51 -1.65 -1.25	37.27 -1.46 0.00	40.20 -1.66 0.00	49.72 -2.11 0.00	68.78 -2.89 0.00	63.01 -2.65 0.00	67.07 -2.91 0.00	68.41 -3.01 0.00	59.52 -2.97 2.68	50.02 -2.39 0.00	113.96 -5.31 0.00	70.31 -3.20 0.00	57.49 -2.70 0.00	48.40 -1.45 0.00	48.06 -1.44 0.00	39.42 -1.06 0.00	36.76 -0.80 0.00
HQ_GEN_IMPORT 323601	51.82 -1.18 -1.07	41.26 -1.09 1.36	39.30 -1.00 0.00	28.73 -0.71 0.00	26.52 -0.63 0.00	28.23 -0.57 0.00	20.74 -0.87 20.94	44.92 -0.98 0.00	37.86 -0.87 0.00	40.87 -0.99 0.00	51.48 -1.26 -0.90	69.95 -1.71 0.00	61.08 -1.61 2.97	68.21 -1.77 0.00	35.22 -1.75 34.45	62.78 -1.74 0.64	51.01 -1.40 0.00	116.12 -3.15 0.00	71.63 -1.88 0.00	58.86 -1.33 0.00	0.00 -0.94 48.91	48.53 -0.97 0.00	39.72 -0.76 0.00	36.86 -0.70 0.00
HQ_GEN_WHEEL 23651	51.82 -1.18 -1.07	41.26 -1.09 1.36	39.30 -1.00 0.00	28.73 -0.71 0.00	26.52 -0.63 0.00	28.23 -0.57 0.00	20.74 -0.87 20.94	44.92 -0.98 0.00	37.86 -0.87 0.00	40.87 -0.99 0.00	51.48 -1.26 -0.90	69.95 -1.71 0.00	61.08 -1.61 2.97	68.21 -1.77 0.00	35.22 -1.75 34.45	62.78 -1.74 0.64	51.01 -1.40 0.00	116.12 -3.15 0.00	71.63 -1.88 0.00	58.86 -1.33 0.00	0.00 -0.94 48.91	48.53 -0.97 0.00	39.72 -0.76 0.00	36.86 -0.70 0.00
HUDSON AVE_GT_3 23810	55.89 3.96 0.00	47.21 3.50 0.00	43.62 3.32 0.00	31.91 2.47 0.00	29.45 2.30 0.00	31.17 2.38 0.00	46.15 3.60 0.00	50.09 4.19 0.00	42.85 4.12 0.00	46.37 4.51 0.00	57.40 5.57 0.00	79.06 7.39 0.00	72.67 7.01 0.00	77.37 7.39 0.00	79.07 7.65 0.00	78.17 7.15 -5.85	78.59 5.84 -20.35	166.16 12.83 -34.06	195.24 7.33 -114.41	105.53 5.54 -39.79	76.75 4.01 -22.89	58.48 3.87 -5.12	43.80 3.31 0.00	40.80 3.24 0.00
HUDSON AVE_GT_4 23540	55.89 3.96 0.00	47.21 3.50 0.00	43.62 3.32 0.00	31.91 2.47 0.00	29.45 2.30 0.00	31.17 2.38 0.00	46.15 3.60 0.00	50.09 4.19 0.00	42.85 4.12 0.00	46.37 4.51 0.00	57.40 5.57 0.00	79.06 7.39 0.00	72.67 7.01 0.00	77.37 7.39 0.00	79.07 7.65 0.00	78.17 7.15 -5.85	78.59 5.84 -20.35	166.16 12.83 -34.06	195.24 7.33 -114.41	105.53 5.54 -39.79	76.75 4.01 -22.89	58.48 3.87 -5.12	43.80 3.31 0.00	40.80 3.24 0.00
HUDSON AVE_GT_5 23657	55.89 3.96 0.00	47.21 3.50 0.00	43.62 3.32 0.00	31.91 2.47 0.00	29.45 2.30 0.00	31.17 2.38 0.00	46.15 3.60 0.00	50.09 4.19 0.00	42.85 4.12 0.00	46.37 4.51 0.00	57.40 5.57 0.00	79.06 7.39 0.00	72.67 7.01 0.00	77.37 7.39 0.00	79.07 7.65 0.00	78.17 7.15 -5.85	78.59 5.84 -20.35	166.16 12.83 -34.06	195.24 7.33 -114.41	105.53 5.54 -39.79	76.75 4.01 -22.89	58.48 3.87 -5.12	43.80 3.31 0.00	40.80 3.24 0.00
HUDSON_AVE_10 24168	55.73 3.81 0.00	47.07 3.36 0.00	43.50 3.20 0.00	31.83 2.39 0.00	29.39 2.24 0.00	31.09 2.30 0.00	46.04 3.50 0.00	49.97 4.06 0.00	42.73 4.00 0.00	46.23 4.38 0.00	57.22 5.39 0.00	78.82 7.16 0.00	72.44 6.78 0.00	77.15 7.17 0.00	78.86 7.43 0.00	77.97 6.95 -5.85	78.43 5.68 -20.35	165.79 12.46 -34.06	195.01 7.09 -114.41	105.35 5.36 -39.79	76.61 3.87 -22.89	58.33 3.72 -5.12	43.68 3.20 0.00	40.69 3.13 0.00
HUDSON___115KV_TB 4 355613	54.80 2.88 0.00	46.26 2.55 0.00	42.63 2.33 0.00	31.16 1.72 0.00	28.74 1.59 0.00	30.46 1.67 0.00	44.96 2.40 0.00	48.75 2.85 0.00	41.10 2.37 0.00	44.26 2.40 0.00	54.76 2.93 0.00	75.44 3.77 0.00	69.28 3.62 0.00	74.55 4.57 0.00	75.82 4.40 0.00	83.56 4.24 -14.14	104.67 3.04 -49.22	234.17 6.50 -108.40	619.94 4.85 -541.58	253.95 3.85 -189.91	165.69 2.98 -112.86	77.97 3.22 -25.25	42.98 2.50 0.00	39.74 2.18 0.00
HUNTER MOUNT___DRP 323613	55.27 3.35 0.00	46.64 2.93 0.00	42.95 2.65 0.00	31.39 1.95 0.00	28.96 1.81 0.00	30.69 1.90 0.00	45.27 2.72 0.00	49.09 3.18 0.00	41.31 2.58 0.00	44.46 2.61 0.00	54.95 3.12 0.00	75.75 4.08 0.00	69.60 3.94 0.00	75.00 5.02 0.00	76.11 4.69 0.00	82.23 4.55 -12.52	99.14 3.17 -43.56	219.39 6.45 -93.68	534.65 4.88 -456.26	223.99 3.87 -159.92	147.86 3.12 -94.88	74.37 3.64 -21.23	43.29 2.81 0.00	40.01 2.45 0.00
HUNTINGTON_RES_REC 323705	55.80 3.87 0.00	47.37 3.66 0.00	44.00 3.70 0.00	32.13 2.69 0.00	29.57 2.42 0.00	31.17 2.38 0.00	46.23 3.68 0.00	49.83 3.93 0.00	42.37 3.64 0.00	45.92 4.06 0.00	56.87 5.04 0.00	78.21 6.55 0.00	71.72 6.06 0.00	76.51 6.53 0.00	78.67 7.25 0.00	78.16 7.15 -5.85	78.69 5.95 -20.34	166.77 13.45 -34.05	195.70 7.81 -114.37	105.53 5.56 -39.78	76.19 3.46 -22.88	58.01 3.40 -5.12	49.53 3.26 -5.79	40.48 2.93 0.00
HUNTLEY___63 23557	52.84 0.92 0.00	43.98 0.27 0.00	40.17 -0.13 0.00	28.97 -0.47 0.00	26.41 -0.74 0.00	27.62 -1.17 0.00	41.05 -1.51 0.00	43.23 -2.68 0.00	36.95 -1.78 0.00	40.49 -1.36 0.00	50.41 -1.42 0.00	69.03 -2.64 0.00	62.39 -3.28 0.00	72.74 -4.36 -7.12	65.33 -4.47 1.62	82.11 -3.66 -20.60	54.07 -3.26 -4.92	147.16 -6.92 -34.82	85.07 -4.29 -15.84	56.66 -3.94 -0.41	46.75 -3.13 -0.02	46.29 -3.21 0.00	38.13 -2.36 0.00	36.13 -1.43 0.00
HUNTLEY___64 23558	52.84 0.92 0.00	43.98 0.27 0.00	40.17 -0.13 0.00	28.97 -0.47 0.00	26.41 -0.74 0.00	27.62 -1.17 0.00	41.05 -1.51 0.00	43.23 -2.68 0.00	36.95 -1.78 0.00	40.49 -1.36 0.00	50.41 -1.42 0.00	69.03 -2.64 0.00	62.39 -3.28 0.00	72.74 -4.36 -7.12	65.33 -4.47 1.62	82.11 -3.66 -20.60	54.07 -3.26 -4.92	147.16 -6.92 -34.82	85.07 -4.29 -15.84	56.66 -3.94 -0.41	46.75 -3.13 -0.02	46.29 -3.21 0.00	38.13 -2.36 0.00	36.13 -1.43 0.00
HUNTLEY___65 23559	52.84 0.92 0.00	43.98 0.27 0.00	40.17 -0.13 0.00	28.97 -0.47 0.00	26.41 -0.74 0.00	27.62 -1.17 0.00	41.05 -1.51 0.00	43.23 -2.68 0.00	36.95 -1.78 0.00	40.49 -1.36 0.00	50.41 -1.42 0.00	69.03 -2.64 0.00	62.39 -3.28 0.00	72.74 -4.36 -7.12	65.33 -4.47 1.62	82.11 -3.66 -20.60	54.07 -3.26 -4.92	147.16 -6.92 -34.82	85.07 -4.29 -15.84	56.66 -3.94 -0.41	46.75 -3.13 -0.02	46.29 -3.21 0.00	38.13 -2.36 0.00	36.13 -1.43 0.00
HUNTLEY___66 23560	52.84 0.92 0.00	43.98 0.27 0.00	40.17 -0.13 0.00	28.97 -0.47 0.00	26.41 -0.74 0.00	27.62 -1.17 0.00	41.05 -1.51 0.00	43.23 -2.68 0.00	36.95 -1.78 0.00	40.49 -1.36 0.00	50.41 -1.42 0.00	69.03 -2.64 0.00	62.39 -3.28 0.00	72.74 -4.36 -7.12	65.33 -4.47 1.62	82.11 -3.66 -20.60	54.07 -3.26 -4.92	147.16 -6.92 -34.82	85.07 -4.29 -15.84	56.66 -3.94 -0.41	46.75 -3.13 -0.02	46.29 -3.21 0.00	38.13 -2.36 0.00	36.13 -1.43 0.00

HUNTLEY___67 23561	52.40 0.48 0.00	43.61 -0.11 0.00	39.84 -0.45 0.00	28.75 -0.69 0.00	26.20 -0.95 0.00	27.39 -1.40 0.00	40.70 -1.85 0.00	42.94 -2.97 0.00	36.71 -2.02 0.00	40.37 -1.49 0.00	50.41 -1.42 0.00	69.10 -2.58 -0.01	62.50 -3.16 0.00	64.68 -4.22 1.08	65.07 -4.31 2.05	97.17 -3.58 -35.58	55.03 -3.13 -5.75	154.14 -6.68 -41.56	68.57 -4.15 0.79	56.80 -3.78 -0.39	46.74 -3.11 0.00	46.35 -3.15 0.00	38.05 -2.44 0.00	35.93 -1.63 0.00
HUNTLEY___68 23562	52.40 0.48 0.00	43.61 -0.11 0.00	39.84 -0.45 0.00	28.75 -0.69 0.00	26.20 -0.95 0.00	27.39 -1.40 0.00	40.70 -1.85 0.00	42.94 -2.97 0.00	36.71 -2.02 0.00	40.37 -1.49 0.00	50.41 -1.42 0.00	69.10 -2.58 -0.01	62.50 -3.16 0.00	64.68 -4.22 1.08	65.07 -4.31 2.05	97.17 -3.58 -35.58	55.03 -3.13 -5.75	154.14 -6.68 -41.56	68.57 -4.15 0.79	56.80 -3.78 -0.39	46.74 -3.11 0.00	46.35 -3.15 0.00	38.05 -2.44 0.00	35.93 -1.63 0.00
HYLAND___LFG 323620	54.24 2.31 0.00	45.17 1.46 0.00	41.32 1.02 0.00	29.86 0.42 0.00	27.25 0.10 0.00	28.51 -0.28 0.00	42.52 -0.03 0.00	45.42 -0.49 0.00	38.35 -0.38 0.00	41.12 -0.74 0.00	51.17 -0.66 0.00	68.74 -2.93 0.00	59.18 -6.48 0.00	63.33 -6.65 0.00	71.02 -7.66 -7.25	64.22 -5.61 -4.65	51.21 -4.93 -3.72	116.32 -11.09 -8.15	69.13 -5.90 -1.52	56.33 -4.28 -0.42	47.25 -2.60 0.00	50.51 1.01 0.00	41.13 0.65 0.00	38.07 0.51 0.00
INDECK___CORINTH 23802	54.64 2.72 0.00	45.92 2.21 0.00	42.30 2.01 0.00	30.96 1.52 0.00	28.78 1.63 0.00	30.58 1.79 0.00	45.23 2.68 0.00	48.91 3.01 0.00	41.38 2.65 0.00	44.78 2.92 0.00	55.26 3.44 0.00	76.53 4.86 0.00	70.28 4.63 0.00	75.17 5.20 0.00	76.55 5.13 0.00	96.63 4.98 -26.48	148.66 4.11 -92.14	353.42 9.77 -224.38	1312.00 6.18 -1232.31	497.68 4.73 -432.76	312.58 4.01 -258.72	111.30 3.91 -57.89	43.39 2.91 0.00	39.98 2.42 0.00
INDECK___ILION 23567	53.28 1.35 0.00	44.90 1.18 0.00	41.40 1.11 0.00	30.25 0.80 0.00	27.92 0.77 0.00	29.56 0.77 0.00	43.62 1.07 0.00	47.12 1.22 0.00	39.68 0.94 0.00	42.84 0.99 0.00	52.98 1.15 0.00	73.27 1.60 0.00	67.16 1.50 0.00	71.77 1.79 0.00	73.42 2.00 0.00	67.21 1.90 -0.14	54.03 1.63 0.00	123.31 4.05 0.00	76.07 2.56 0.00	62.09 1.90 0.00	51.23 1.38 0.00	50.85 1.35 0.00	41.58 1.10 0.00	38.44 0.88 0.00
INDECK___OLEAN 23982	52.50 0.58 0.00	43.81 0.10 0.00	40.13 -0.17 0.00	28.94 -0.50 0.00	26.54 -0.61 0.00	27.86 -0.93 0.00	41.54 -1.02 0.00	44.47 -1.44 0.00	38.17 -0.56 0.00	42.11 0.25 0.00	52.65 0.82 0.00	72.22 0.55 0.00	65.13 -0.53 0.00	68.91 -1.48 -0.40	69.56 -1.53 0.33	77.75 -1.33 -13.91	55.64 -1.62 -4.85	136.16 -2.67 -19.58	74.24 -1.80 -2.53	58.61 -2.06 -0.48	47.94 -1.91 0.00	47.69 -1.81 0.00	39.06 -1.42 0.00	36.57 -0.99 0.00
INDECK___OSWEGO 23783	50.53 -1.40 0.00	42.49 -1.22 0.00	39.14 -1.16 0.00	28.56 -0.88 0.00	26.30 -0.85 0.00	27.83 -0.96 0.00	41.19 -1.36 0.00	44.40 -1.51 0.00	37.42 -1.31 0.00	40.36 -1.50 0.00	49.96 -1.87 0.00	69.17 -2.50 0.00	63.26 -2.40 0.00	67.33 -2.65 0.00	68.69 -2.73 0.00	62.82 -2.36 0.00	50.50 -1.91 0.00	114.98 -4.28 0.00	71.10 -2.41 0.00	61.93 -1.80 -3.54	59.22 -1.39 -10.76	60.32 -1.29 -12.11	47.08 -1.12 -7.72	43.07 -1.05 -6.55
INDECK___YERKES 23781	52.91 0.99 0.00	44.03 0.32 0.00	40.22 -0.08 0.00	29.00 -0.44 0.00	26.44 -0.71 0.00	27.66 -1.13 0.00	41.09 -1.46 0.00	43.28 -2.63 0.00	36.99 -1.75 0.00	40.51 -1.35 0.00	50.41 -1.42 0.00	69.01 -2.66 0.00	62.40 -3.27 0.00	72.75 -4.35 -7.12	65.34 -4.47 1.62	82.18 -3.59 -20.60	54.08 -3.25 -4.92	147.34 -6.74 -34.82	85.13 -4.23 -15.84	56.69 -3.91 -0.41	46.77 -3.10 -0.02	46.30 -3.20 0.00	38.15 -2.33 0.00	36.19 -1.37 0.00
INDIAN POINT_GT_1 24139	55.40 3.48 0.00	46.75 3.04 0.00	43.14 2.85 0.00	31.55 2.11 0.00	29.10 1.95 0.00	30.80 2.01 0.00	45.63 3.07 0.00	49.49 3.58 0.00	42.20 3.47 0.00	45.69 3.83 0.00	56.61 4.78 0.00	78.10 6.43 0.00	71.75 6.09 0.00	76.43 6.45 0.00	78.09 6.67 0.00	77.19 6.25 -5.77	77.60 5.12 -20.07	164.28 11.41 -33.60	192.92 6.58 -112.84	104.38 4.94 -39.24	75.98 3.55 -22.57	57.99 3.44 -5.05	43.37 2.89 0.00	40.32 2.76 0.00
INDIAN POINT_GT_2 23659	55.40 3.48 0.00	46.75 3.04 0.00	43.14 2.85 0.00	31.55 2.11 0.00	29.10 1.95 0.00	30.80 2.01 0.00	45.63 3.07 0.00	49.49 3.58 0.00	42.20 3.47 0.00	45.69 3.83 0.00	56.61 4.78 0.00	78.10 6.43 0.00	71.75 6.09 0.00	76.43 6.45 0.00	78.09 6.67 0.00	77.19 6.25 -5.77	77.60 5.12 -20.07	164.28 11.41 -33.60	192.92 6.58 -112.84	104.38 4.94 -39.24	75.98 3.55 -22.57	57.99 3.44 -5.05	43.37 2.89 0.00	40.32 2.76 0.00
INDIAN POINT_GT_3 24019	55.40 3.48 0.00	46.75 3.04 0.00	43.14 2.85 0.00	31.55 2.11 0.00	29.10 1.95 0.00	30.80 2.01 0.00	45.63 3.07 0.00	49.49 3.58 0.00	42.20 3.47 0.00	45.69 3.83 0.00	56.61 4.78 0.00	78.10 6.43 0.00	71.75 6.09 0.00	76.43 6.45 0.00	78.09 6.67 0.00	77.19 6.25 -5.77	77.60 5.12 -20.07	164.28 11.41 -33.60	192.92 6.58 -112.84	104.38 4.94 -39.24	75.98 3.55 -22.57	57.99 3.44 -5.05	43.37 2.89 0.00	40.32 2.76 0.00
INDIAN POINT___2 23530	55.34 3.42 0.00	46.69 2.97 0.00	43.09 2.79 0.00	31.50 2.06 0.00	29.06 1.91 0.00	30.75 1.96 0.00	45.55 3.00 0.00	49.43 3.52 0.00	42.15 3.42 0.00	45.64 3.78 0.00	56.56 4.73 0.00	78.04 6.38 0.00	71.67 6.01 0.00	76.32 6.34 0.00	77.96 6.54 0.00	76.96 6.13 -5.66	77.13 5.02 -19.70	163.46 11.23 -32.97	190.60 6.50 -110.59	103.53 4.87 -38.46	75.45 3.47 -22.12	57.83 3.38 -4.95	43.32 2.84 0.00	40.28 2.72 0.00
INDIAN POINT___3 23531	55.32 3.40 0.00	46.69 2.98 0.00	43.09 2.79 0.00	31.51 2.07 0.00	29.07 1.92 0.00	30.76 1.97 0.00	45.55 3.00 0.00	49.42 3.51 0.00	42.14 3.40 0.00	45.61 3.76 0.00	56.53 4.70 0.00	77.97 6.30 0.00	71.64 5.97 0.00	76.30 6.32 0.00	77.96 6.54 0.00	77.07 6.13 -5.77	77.51 5.02 -20.09	164.07 11.17 -33.63	192.89 6.45 -112.94	104.32 4.85 -39.28	75.91 3.46 -22.60	57.91 3.36 -5.06	43.31 2.83 0.00	40.28 2.72 0.00
INGHAM_C_115KV_TB7 356103	54.20 2.28 0.00	45.69 1.98 0.00	42.14 1.84 0.00	30.80 1.36 0.00	28.47 1.32 0.00	30.12 1.33 0.00	44.33 1.78 0.00	47.92 2.02 0.00	40.24 1.51 0.00	43.40 1.54 0.00	53.55 1.72 0.00	74.06 2.39 0.00	67.89 2.23 0.00	72.72 2.74 0.00	74.71 3.29 0.00	68.41 3.10 -0.14	55.06 2.65 0.00	126.10 6.84 0.00	77.94 4.44 0.00	63.44 3.24 0.00	52.17 2.32 0.00	51.78 2.28 0.00	42.38 1.90 0.00	39.01 1.45 0.00
IP CORINTH___1 23988	54.96 3.03 0.00	46.18 2.47 0.00	42.54 2.25 0.00	31.13 1.69 0.00	28.94 1.79 0.00	30.74 1.95 0.00	45.48 2.92 0.00	49.17 3.26 0.00	41.61 2.88 0.00	45.03 3.17 0.00	55.58 3.75 0.00	76.96 5.29 0.00	70.67 5.02 0.00	75.58 5.60 0.00	76.97 5.54 0.00	97.01 5.36 -26.48	148.96 4.42 -92.14	354.11 10.46 -224.38	1312.43 6.61 -1232.31	498.02 5.07 -432.76	312.86 4.30 -258.72	111.57 4.18 -57.89	43.63 3.15 0.00	40.20 2.64 0.00

IP___TICONDEROGA 23804	55.86 3.94 0.00	46.72 3.01 0.00	43.13 2.84 0.00	31.72 2.27 0.00	30.09 2.94 0.00	32.26 3.47 0.00	47.82 5.27 0.00	51.63 5.72 0.00	43.78 5.05 0.00	47.47 5.61 0.00	59.10 7.27 0.00	82.35 10.69 0.00	75.67 10.01 0.00	80.95 10.97 0.00	81.85 10.43 0.00	101.87 10.40 -26.29	151.99 8.09 -91.50	359.96 18.07 -222.64	1305.40 10.02 -1221.86	496.88 7.60 -429.09	312.74 6.39 -256.51	113.18 6.28 -57.40	45.08 4.60 0.00	41.34 3.78 0.00
ISLIP_RES_REC 323679	56.52 4.60 0.00	47.91 4.20 0.00	44.46 4.17 0.00	32.45 3.00 0.00	29.86 2.71 0.00	31.47 2.68 0.00	46.77 4.21 0.00	50.56 4.65 0.00	43.00 4.27 0.00	46.63 4.77 0.00	57.75 5.93 0.00	79.40 7.74 0.00	72.59 6.93 0.00	77.32 7.34 0.00	79.69 8.27 0.00	79.19 8.17 -5.85	79.45 6.70 -20.34	168.58 15.26 -34.05	196.83 8.95 -114.37	106.40 6.43 -39.78	76.81 4.09 -22.88	58.59 3.97 -5.12	50.10 3.83 -5.79	40.91 3.35 0.00
JAMAICA__27_KV_LOAD 355505	56.31 4.39 0.00	47.48 3.77 0.00	43.89 3.60 0.00	32.11 2.67 0.00	29.67 2.52 0.00	31.31 2.52 0.00	46.44 3.88 0.00	50.45 4.54 0.00	43.08 4.34 0.00	46.64 4.78 0.00	57.67 5.84 0.00	79.46 7.80 0.00	73.05 7.39 0.00	77.83 7.84 0.00	79.55 8.13 0.00	78.64 7.62 -5.85	78.97 6.22 -20.35	167.03 13.70 -34.06	195.74 7.82 -114.41	106.01 6.03 -39.79	77.15 4.40 -22.89	58.80 4.18 -5.12	44.13 3.65 0.00	41.07 3.51 0.00
JANIS___SOLAR 323808	55.55 3.62 0.00	46.53 2.82 0.00	42.75 2.46 0.00	31.09 1.64 0.00	28.63 1.48 0.00	30.21 1.41 0.00	44.77 2.22 0.00	48.19 2.28 0.00	40.71 1.98 0.00	44.16 2.30 0.00	54.12 2.30 0.00	74.52 2.85 0.00	68.80 3.14 0.00	73.16 3.18 0.00	74.47 2.62 -0.43	71.39 2.77 -3.45	62.43 2.70 -7.32	141.79 7.37 -15.15	134.18 4.62 -56.06	84.18 3.78 -20.21	66.62 3.40 -13.36	57.42 3.24 -4.69	44.26 2.42 -1.35	40.72 2.01 -1.15
JARVIS____ 23743	52.45 0.53 0.00	44.22 0.51 0.00	40.78 0.49 0.00	29.80 0.35 0.00	27.47 0.32 0.00	29.11 0.32 0.00	43.02 0.46 0.00	46.41 0.51 0.00	39.16 0.43 0.00	42.32 0.46 0.00	52.39 0.56 0.00	72.41 0.74 0.00	66.39 0.73 0.00	70.83 0.85 0.00	72.28 0.86 0.00	66.11 0.80 -0.14	53.08 0.67 0.00	120.81 1.55 0.00	74.45 0.94 0.00	60.88 0.68 0.00	50.35 0.50 0.00	49.99 0.49 0.00	40.88 0.40 0.00	37.93 0.36 0.00
JENNISON___1 23625	55.78 3.86 0.00	46.81 3.09 0.00	43.04 2.74 0.00	31.30 1.86 0.00	28.82 1.67 0.00	30.29 1.50 0.00	44.78 2.23 0.00	48.31 2.41 0.00	41.05 2.32 0.00	44.76 2.90 0.00	55.08 3.25 0.00	75.00 3.33 0.00	68.56 2.90 0.00	73.17 3.19 0.00	74.21 2.78 0.00	72.33 2.72 -4.43	65.57 2.31 -10.85	148.34 6.57 -22.50	168.30 3.87 -90.92	95.57 3.14 -32.24	72.79 2.90 -20.04	57.86 2.68 -5.69	43.52 2.09 -0.96	39.88 1.51 -0.81
JENNISON___2 23626	55.78 3.86 0.00	46.81 3.09 0.00	43.04 2.74 0.00	31.30 1.86 0.00	28.82 1.67 0.00	30.29 1.50 0.00	44.78 2.23 0.00	48.31 2.41 0.00	41.05 2.32 0.00	44.76 2.90 0.00	55.08 3.25 0.00	75.00 3.33 0.00	68.56 2.90 0.00	73.17 3.19 0.00	74.21 2.78 0.00	72.33 2.72 -4.43	65.57 2.31 -10.85	148.34 6.57 -22.50	168.30 3.87 -90.92	95.57 3.14 -32.24	72.79 2.90 -20.04	57.86 2.68 -5.69	43.52 2.09 -0.96	39.88 1.51 -0.81
JERICHO_RISE_WT_PWR 323719	50.61 -1.32 0.00	42.28 -1.43 0.00	39.15 -1.14 0.00	28.73 -0.71 0.00	26.61 -0.55 0.00	28.44 -0.35 0.00	41.89 -0.66 0.00	45.09 -0.82 0.00	37.96 -0.78 0.00	40.98 -0.88 0.00	50.76 -1.08 0.00	70.24 -1.43 0.00	64.34 -1.32 0.00	68.18 -1.80 0.00	68.61 -2.81 0.00	59.38 -3.00 2.79	49.26 -3.15 0.00	114.43 -4.83 0.00	70.92 -2.58 0.00	59.21 -0.99 0.00	49.03 -0.83 0.00	48.68 -0.82 0.00	39.77 -0.71 0.00	36.93 -0.63 0.00
KATONAH___115KV_46KV_TB4 355592	55.86 3.94 0.00	47.11 3.40 0.00	43.47 3.17 0.00	31.78 2.34 0.00	29.31 2.16 0.00	31.03 2.24 0.00	45.97 3.41 0.00	49.85 3.94 0.00	42.50 3.77 0.00	46.03 4.17 0.00	57.12 5.28 0.00	78.83 7.16 0.00	72.50 6.84 0.00	77.33 7.35 0.00	79.02 7.60 0.00	78.25 7.11 -5.96	78.98 5.82 -20.75	167.09 13.03 -34.80	198.25 7.46 -117.29	106.62 5.63 -40.80	77.39 4.06 -23.48	58.66 3.91 -5.25	43.72 3.24 0.00	40.62 3.06 0.00
KCE_NY_1 323755	55.33 3.41 0.00	46.58 2.87 0.00	42.92 2.62 0.00	31.39 1.95 0.00	29.02 1.87 0.00	30.77 1.98 0.00	45.44 2.89 0.00	49.13 3.22 0.00	41.51 2.78 0.00	44.87 3.01 0.00	55.52 3.69 0.00	76.80 5.13 0.00	70.69 5.03 0.00	75.58 5.60 0.00	77.02 5.60 0.00	96.46 5.26 -26.03	147.28 4.28 -90.59	349.45 10.02 -220.17	1286.87 6.22 -1207.14	488.87 4.77 -423.91	307.09 3.84 -253.40	109.99 3.79 -56.70	43.43 2.94 0.00	40.11 2.54 0.00
KCE_NY_6_ESR 323823	53.23 1.31 0.00	44.29 0.58 0.00	40.45 0.15 0.00	29.16 -0.28 0.00	26.56 -0.59 0.00	27.74 -1.05 0.00	41.26 -1.29 0.00	43.68 -2.23 0.00	37.39 -1.35 0.00	41.17 -0.69 0.00	51.49 -0.34 0.00	70.64 -1.03 -0.01	63.94 -1.72 0.00	67.87 -2.83 -0.72	66.56 -2.76 2.10	83.59 -2.07 -20.48	55.29 -1.97 -4.85	142.46 -3.85 -27.04	73.95 -2.50 -2.94	58.15 -2.46 -0.42	47.85 -2.01 -0.01	47.32 -2.17 0.00	38.76 -1.72 0.00	36.52 -1.04 0.00
KEDC_PORT_JEFF_GT2 24210	55.82 3.89 0.00	47.43 3.71 0.00	44.10 3.80 0.00	32.17 2.73 0.00	29.61 2.46 0.00	31.21 2.42 0.00	46.34 3.79 0.00	50.04 4.13 0.00	42.29 3.56 0.00	45.77 3.92 0.00	56.66 4.84 0.00	77.88 6.21 0.00	71.18 5.52 0.00	75.74 5.76 0.00	78.00 6.58 0.00	77.59 6.58 -5.85	78.19 5.44 -20.34	165.64 12.32 -34.05	195.06 7.18 -114.37	105.02 5.04 -39.78	75.70 2.97 -22.88	57.52 2.91 -5.12	49.43 3.16 -5.79	40.34 2.78 0.00
KEDC_PORT_JEFF_GT3 24211	55.82 3.89 0.00	47.43 3.71 0.00	44.10 3.80 0.00	32.17 2.73 0.00	29.61 2.46 0.00	31.21 2.42 0.00	46.34 3.79 0.00	50.04 4.13 0.00	42.29 3.56 0.00	45.77 3.92 0.00	56.66 4.84 0.00	77.88 6.21 0.00	71.18 5.52 0.00	75.74 5.76 0.00	78.00 6.58 0.00	77.59 6.58 -5.85	78.19 5.44 -20.34	165.64 12.32 -34.05	195.06 7.18 -114.37	105.02 5.04 -39.78	75.70 2.97 -22.88	57.52 2.91 -5.12	49.43 3.16 -5.79	40.34 2.78 0.00
KEDC_GLWD_GT4 24219	56.45 4.53 0.00	47.70 3.99 0.00	44.13 3.83 0.00	32.22 2.78 0.00	29.68 2.53 0.00	31.35 2.56 0.00	46.49 3.94 0.00	50.35 4.44 0.00	42.93 4.20 0.00	46.40 4.54 0.00	57.17 5.35 0.00	78.70 7.03 0.00	72.36 6.70 0.00	77.32 7.34 0.00	79.32 7.90 0.00	78.55 7.53 -5.85	78.97 6.22 -20.34	167.31 14.00 -34.05	195.98 8.10 -114.37	105.82 5.85 -39.78	76.58 3.84 -22.88	58.46 3.84 -5.12	49.75 3.49 -5.79	41.03 3.47 0.00
KEDC_GLWD_GT5 24220	56.45 4.53 0.00	47.70 3.99 0.00	44.13 3.83 0.00	32.22 2.78 0.00	29.68 2.53 0.00	31.35 2.56 0.00	46.49 3.94 0.00	50.35 4.44 0.00	42.93 4.20 0.00	46.40 4.54 0.00	57.17 5.35 0.00	78.70 7.03 0.00	72.36 6.70 0.00	77.32 7.34 0.00	79.32 7.90 0.00	78.55 7.53 -5.85	78.97 6.22 -20.34	167.31 14.00 -34.05	195.98 8.10 -114.37	105.82 5.85 -39.78	76.58 3.84 -22.88	58.46 3.84 -5.12	49.75 3.49 -5.79	41.03 3.47 0.00

KENSICO____ 23655	55.56 3.64 0.00	46.89 3.18 0.00	43.29 2.99 0.00	31.66 2.21 0.00	29.21 2.06 0.00	30.91 2.11 0.00	45.77 3.22 0.00	49.65 3.74 0.00	42.34 3.61 0.00	45.84 3.98 0.00	56.78 4.95 0.00	78.31 6.64 0.00	71.94 6.28 0.00	76.67 6.69 0.00	78.34 6.92 0.00	77.49 6.49 -5.83	78.01 5.32 -20.29	165.03 11.79 -33.97	194.41 6.77 -114.13	104.97 5.08 -39.70	76.34 3.66 -22.83	58.16 3.55 -5.11	43.48 3.00 0.00	40.44 2.87 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	55.84 3.92 0.00	47.01 3.30 0.00	43.34 3.04 0.00	31.65 2.21 0.00	29.19 2.04 0.00	30.87 2.08 0.00	45.81 3.25 0.00	49.68 3.77 0.00	42.28 3.55 0.00	45.92 4.06 0.00	57.02 5.19 0.00	78.62 6.96 0.00	72.41 6.75 0.00	76.51 6.54 0.00	78.38 6.96 0.00	78.08 6.68 -6.23	79.74 5.65 -21.68	170.79 12.77 -38.77	228.05 7.50 -147.04	117.22 5.74 -51.29	84.02 4.32 -29.85	60.59 4.41 -6.68	43.93 3.45 0.00	40.70 3.14 0.00
KIAC_JFK_GT1 23816	55.70 3.77 0.00	46.99 3.28 0.00	43.44 3.14 0.00	31.80 2.36 0.00	29.39 2.24 0.00	31.03 2.24 0.00	45.97 3.42 0.00	49.94 4.03 0.00	42.65 3.92 0.00	46.16 4.30 0.00	57.09 5.26 0.00	78.62 6.95 0.00	72.28 6.62 0.00	76.98 7.00 0.00	78.70 7.28 0.00	77.86 6.84 -5.85	78.33 5.58 -20.35	165.56 12.23 -34.06	194.85 6.93 -114.41	105.27 5.28 -39.79	76.54 3.80 -22.89	58.21 3.59 -5.12	43.66 3.17 0.00	40.63 3.07 0.00
KIAC_JFK_GT2 23817	55.70 3.77 0.00	46.99 3.28 0.00	43.44 3.14 0.00	31.80 2.36 0.00	29.39 2.24 0.00	31.03 2.24 0.00	45.97 3.42 0.00	49.94 4.03 0.00	42.65 3.92 0.00	46.16 4.30 0.00	57.09 5.26 0.00	78.62 6.95 0.00	72.28 6.62 0.00	76.98 7.00 0.00	78.70 7.28 0.00	77.86 6.84 -5.85	78.33 5.58 -20.35	165.56 12.23 -34.06	194.85 6.93 -114.41	105.27 5.28 -39.79	76.54 3.80 -22.89	58.21 3.59 -5.12	43.66 3.17 0.00	40.63 3.07 0.00
KIAC_JFK____ 323774	55.69 3.77 0.00	46.99 3.28 0.00	43.44 3.14 0.00	31.80 2.36 0.00	29.39 2.24 0.00	31.03 2.24 0.00	45.96 3.41 0.00	49.94 4.03 0.00	42.65 3.92 0.00	46.16 4.30 0.00	57.09 5.26 0.00	78.62 6.95 0.00	72.29 6.62 0.00	77.00 7.02 0.00	78.70 7.28 0.00	77.84 6.82 -5.85	78.34 5.59 -20.35	165.56 12.23 -34.06	194.85 6.93 -114.41	105.27 5.28 -39.79	76.53 3.79 -22.89	58.21 3.59 -5.12	43.66 3.18 0.00	40.63 3.07 0.00
KINTIGH____ 23543	52.05 0.12 0.00	43.39 -0.32 0.00	39.71 -0.59 0.00	28.73 -0.71 0.00	26.26 -0.89 0.00	27.55 -1.24 0.00	40.89 -1.66 0.00	43.26 -2.65 0.00	36.92 -1.81 0.00	40.45 -1.41 0.00	50.40 -1.43 0.00	69.21 -2.45 0.00	62.66 -3.00 1.71	64.45 -3.82 1.07	66.36 -4.00 0.00	54.47 -3.41 7.29	48.73 -3.05 0.62	103.09 -6.53 9.64	66.02 -4.02 3.47	56.54 -3.65 0.00	46.77 -3.07 0.00	46.61 -2.89 0.00	38.27 -2.21 0.00	36.04 -1.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.61 -0.31 0.00	43.06 -0.65 0.00	39.89 -0.40 0.00	29.30 -0.15 0.00	27.12 -0.03 0.00	28.96 0.17 0.00	42.57 0.02 0.00	45.84 -0.06 0.00	38.63 -0.11 0.00	41.70 -0.16 0.00	51.75 -0.08 0.00	71.73 0.06 0.00	65.73 0.07 0.00	69.59 -0.39 0.00	69.87 -1.55 0.00	60.44 -1.89 2.84	50.03 -2.38 0.00	116.44 -2.82 0.00	72.36 -1.14 0.00	61.05 0.86 0.00	50.06 0.21 0.00	49.68 0.18 0.00	40.50 0.02 0.00	37.57 0.01 0.00
LACHUTE__HYDRO 323717	55.86 3.94 0.00	46.72 3.01 0.00	43.14 2.84 0.00	31.71 2.27 0.00	30.09 2.94 0.00	32.26 3.47 0.00	47.82 5.27 0.00	51.63 5.72 0.00	43.78 5.05 0.00	47.46 5.61 0.00	59.10 7.27 0.00	82.35 10.69 0.00	75.67 10.01 0.00	80.95 10.97 0.00	81.85 10.43 0.00	101.88 10.41 -26.29	151.99 8.09 -91.50	359.98 18.08 -222.64	1305.39 10.02 -1221.86	496.88 7.60 -429.09	312.75 6.39 -256.51	113.18 6.28 -57.40	45.08 4.60 0.00	41.34 3.78 0.00
LAWRNCV_115KV_TB1 80681	49.55 -2.38 0.00	41.43 -2.28 0.00	38.24 -2.06 0.00	27.96 -1.48 0.00	25.86 -1.29 0.00	27.64 -1.16 0.00	40.83 -1.72 0.00	43.95 -1.96 0.00	37.03 -1.70 0.00	39.93 -1.92 0.00	49.39 -2.44 0.00	68.45 -3.22 0.00	62.68 -2.99 0.00	66.69 -3.29 0.00	67.91 -3.51 0.00	59.34 -3.46 2.37	49.59 -2.81 0.00	113.27 -5.99 0.00	69.84 -3.67 0.00	57.60 -2.81 -0.22	48.98 -1.53 -0.66	48.85 -1.39 -0.74	39.86 -1.09 -0.47	37.07 -0.89 -0.40
LEDERLE____ 23769	55.66 3.74 0.00	46.95 3.24 0.00	43.30 3.00 0.00	31.64 2.20 0.00	29.19 2.03 0.00	30.88 2.09 0.00	45.78 3.22 0.00	49.71 3.80 0.00	42.42 3.69 0.00	45.98 4.12 0.00	57.04 5.21 0.00	78.78 7.11 0.00	72.33 6.67 0.00	76.96 6.98 0.00	78.64 7.22 0.00	77.47 6.75 -5.56	77.26 5.52 -19.33	164.03 12.43 -32.34	189.17 7.24 -108.42	103.36 5.46 -37.71	75.46 3.92 -21.69	58.15 3.80 -4.85	43.64 3.16 0.00	40.55 2.99 0.00
LIGHTHSE_115KV_TB6 355974	51.51 -0.41 0.00	43.28 -0.43 0.00	39.91 -0.39 0.00	29.11 -0.34 0.00	26.84 -0.31 0.00	28.43 -0.36 0.00	42.13 -0.43 0.00	45.41 -0.49 0.00	38.36 -0.37 0.00	41.47 -0.39 0.00	51.25 -0.58 0.00	71.20 -0.46 0.00	65.07 -0.59 0.00	69.22 -0.75 0.00	70.69 -0.73 0.00	64.37 -0.60 0.21	51.98 -0.43 0.00	118.37 -0.89 0.00	73.30 -0.21 0.00	61.87 -0.20 -1.88	55.47 -0.09 -5.71	55.89 -0.04 -6.43	44.40 -0.18 -4.10	40.82 -0.22 -3.48
LINDEN COGEN____ 23786	55.36 3.44 0.00	46.41 3.06 0.37	43.28 2.98 0.00	31.69 2.25 0.00	29.25 2.10 0.00	30.95 2.16 0.00	45.81 3.25 0.00	49.72 3.81 0.00	42.54 3.80 0.00	45.96 4.12 0.02	50.24 5.04 6.63	78.38 6.71 0.00	72.09 6.43 0.00	76.72 6.74 0.00	78.39 6.97 0.00	76.29 6.50 -4.62	70.26 5.32 -12.53	158.35 11.64 -27.45	186.19 6.64 -106.04	105.00 5.02 -39.79	76.39 3.65 -22.89	58.14 3.52 -5.12	43.53 3.04 0.00	40.56 3.00 0.00
LINDHRST_69_KV_BK1 356055	56.55 4.63 0.00	47.85 4.14 0.00	44.32 4.02 0.00	32.35 2.90 0.00	29.77 2.62 0.00	31.43 2.64 0.00	46.64 4.09 0.00	50.39 4.49 0.00	42.98 4.25 0.00	46.52 4.66 0.00	57.47 5.64 0.00	78.90 7.23 0.00	72.41 6.75 0.00	77.25 7.27 0.00	79.43 8.01 0.00	78.79 7.78 -5.85	79.21 6.46 -20.34	168.06 14.74 -34.05	196.56 8.68 -114.37	106.25 6.28 -39.78	76.82 4.09 -22.88	58.72 4.11 -5.12	50.09 3.83 -5.79	41.06 3.50 0.00
LIPA_MISC_IPP 23656	56.05 4.12 0.00	47.45 3.74 0.00	44.03 3.73 0.00	32.13 2.69 0.00	29.56 2.41 0.00	31.15 2.36 0.00	46.29 3.74 0.00	50.01 4.11 0.00	42.54 3.81 0.00	46.11 4.26 0.00	57.12 5.30 0.00	78.48 6.81 0.00	71.69 6.03 0.00	76.36 6.38 0.00	78.74 7.32 0.00	78.28 7.26 -5.85	78.69 5.94 -20.34	166.87 13.55 -34.05	195.78 7.91 -114.37	105.61 5.63 -39.78	76.21 3.48 -22.88	57.98 3.36 -5.12	49.62 3.35 -5.79	40.49 2.93 0.00
LISF__SOLAR 323691	56.21 4.28 0.00	47.59 3.87 0.00	44.16 3.86 0.00	32.22 2.77 0.00	29.64 2.49 0.00	31.24 2.45 0.00	46.42 3.87 0.00	50.18 4.27 0.00	42.68 3.95 0.00	46.27 4.42 0.00	57.31 5.48 0.00	78.76 7.09 0.00	71.93 6.27 0.00	76.60 6.61 0.00	79.00 7.58 0.00	78.50 7.48 -5.85	78.87 6.12 -20.34	167.30 13.98 -34.05	196.09 8.20 -114.37	105.86 5.89 -39.78	76.40 3.67 -22.88	58.18 3.56 -5.12	49.76 3.49 -5.79	40.60 3.05 0.00

LITTLE FALLS___HYD 24013	54.20 2.28 0.00	45.69 1.98 0.00	42.14 1.84 0.00	30.80 1.36 0.00	28.47 1.32 0.00	30.12 1.33 0.00	44.33 1.78 0.00	47.92 2.02 0.00	40.24 1.51 0.00	43.40 1.54 0.00	53.55 1.72 0.00	74.06 2.39 0.00	67.89 2.23 0.00	72.72 2.74 0.00	74.71 3.29 0.00	68.41 3.10 -0.14	55.06 2.65 0.00	126.10 6.84 0.00	77.94 4.44 0.00	63.44 3.24 0.00	52.17 2.32 0.00	51.78 2.28 0.00	42.38 1.90 0.00	39.01 1.45 0.00
LITTLRIV_115KV_TB1 356100	50.26 -1.66 0.00	41.98 -1.74 0.00	38.71 -1.58 0.00	28.30 -1.14 0.00	26.19 -0.96 0.00	28.02 -0.77 0.00	41.46 -1.09 0.00	44.60 -1.31 0.00	37.61 -1.12 0.00	40.57 -1.28 0.00	50.26 -1.57 0.00	69.59 -2.07 0.00	63.74 -1.92 0.00	67.78 -2.20 0.00	68.87 -2.55 0.00	60.17 -2.69 2.31	50.17 -2.24 0.00	114.94 -4.32 0.00	70.85 -2.66 0.00	58.43 -1.99 -0.23	49.71 -0.84 -0.70	49.57 -0.72 -0.79	40.40 -0.59 -0.51	37.51 -0.48 -0.43
LI_NEWBRDGE___DRP 323616	55.65 3.73 0.00	47.09 3.38 0.00	43.61 3.31 0.00	31.86 2.42 0.00	29.35 2.20 0.00	31.00 2.21 0.00	45.95 3.39 0.00	49.64 3.73 0.00	42.31 3.58 0.00	45.79 3.93 0.00	56.64 4.81 0.00	77.88 6.21 0.00	71.51 5.85 0.00	76.33 6.35 0.00	78.27 6.85 0.00	77.62 6.61 -5.85	78.22 5.48 -20.34	165.68 12.37 -34.05	195.01 7.13 -114.37	105.10 5.13 -39.78	76.01 3.28 -22.88	57.94 3.32 -5.12	49.36 3.09 -5.79	40.46 2.90 0.00
LOCKPORT_115KV_TB60_63_64 80432	52.26 0.34 0.00	43.51 -0.20 0.00	39.74 -0.56 0.00	28.68 -0.76 0.00	26.14 -1.01 0.00	27.35 -1.45 0.00	40.64 -1.91 0.00	42.76 -3.14 0.00	36.54 -2.19 0.00	40.08 -1.78 0.00	49.94 -1.89 0.00	68.46 -3.21 0.00	61.83 -3.83 0.00	76.58 -4.83 -11.43	65.10 -5.12 1.20	81.67 -4.27 -20.77	53.58 -3.70 -4.88	146.15 -7.95 -34.84	93.06 -4.91 -24.46	56.22 -4.35 -0.38	46.36 -3.51 -0.02	46.00 -3.49 0.00	37.79 -2.69 0.00	35.72 -1.84 0.00
LOCKPORT___CC1 323769	52.06 0.14 0.00	43.37 -0.35 0.00	39.60 -0.70 0.00	28.58 -0.86 0.00	26.04 -1.11 0.00	27.24 -1.55 0.00	40.47 -2.08 0.00	42.60 -3.31 0.00	36.37 -2.37 0.00	39.87 -1.99 0.00	49.68 -2.14 0.00	68.12 -3.55 0.00	61.51 -4.14 0.01	20.96 -5.19 43.82	63.13 -5.48 2.81	3.48 -4.50 57.18	45.44 -3.94 3.02	20.39 -8.33 90.54	-19.17 -5.20 87.47	55.87 -4.62 -0.30	46.08 -3.73 0.04	45.79 -3.71 0.00	37.59 -2.89 0.00	35.55 -2.01 0.00
LOCKPORT___CC2 323770	52.06 0.14 0.00	43.37 -0.35 0.00	39.60 -0.70 0.00	28.58 -0.86 0.00	26.04 -1.11 0.00	27.24 -1.55 0.00	40.47 -2.08 0.00	42.60 -3.31 0.00	36.37 -2.37 0.00	39.87 -1.99 0.00	49.68 -2.14 0.00	68.12 -3.55 0.00	61.51 -4.14 0.01	20.96 -5.19 43.82	63.13 -5.48 2.81	3.48 -4.50 57.18	45.44 -3.94 3.02	20.39 -8.33 90.54	-19.17 -5.20 87.47	55.87 -4.62 -0.30	46.08 -3.73 0.04	45.79 -3.71 0.00	37.59 -2.89 0.00	35.55 -2.01 0.00
LOCKPORT___CC3 323771	52.06 0.14 0.00	43.37 -0.35 0.00	39.60 -0.70 0.00	28.58 -0.86 0.00	26.04 -1.11 0.00	27.24 -1.55 0.00	40.47 -2.08 0.00	42.60 -3.31 0.00	36.37 -2.37 0.00	39.87 -1.99 0.00	49.68 -2.14 0.00	68.12 -3.55 0.00	61.51 -4.14 0.01	20.96 -5.19 43.82	63.13 -5.48 2.81	3.48 -4.50 57.18	45.44 -3.94 3.02	20.39 -8.33 90.54	-19.17 -5.20 87.47	55.87 -4.62 -0.30	46.08 -3.73 0.04	45.79 -3.71 0.00	37.59 -2.89 0.00	35.55 -2.01 0.00
LONG_LAKE_PHOENIX 24014	51.40 -0.53 0.00	43.21 -0.51 0.00	39.77 -0.52 0.00	28.99 -0.45 0.00	26.70 -0.45 0.00	28.24 -0.55 0.00	41.83 -0.72 0.00	45.08 -0.83 0.00	38.04 -0.69 0.00	41.12 -0.74 0.00	50.93 -0.90 0.00	70.51 -1.16 0.00	64.50 -1.16 0.00	68.65 -1.33 0.00	69.96 -1.46 0.00	64.14 -1.03 0.00	51.52 -0.89 0.00	117.24 -2.02 0.00	72.42 -1.09 0.00	62.10 -0.75 -2.66	57.37 -0.56 -8.08	58.08 -0.50 -9.10	45.78 -0.50 -5.80	41.98 -0.50 -4.92
LOVETT___3 23632	55.30 3.38 0.00	46.69 2.98 0.00	43.07 2.77 0.00	31.49 2.04 0.00	29.05 1.89 0.00	30.73 1.94 0.00	45.54 2.99 0.00	49.42 3.51 0.00	42.15 3.42 0.00	45.65 3.79 0.00	56.61 4.78 0.00	78.13 6.46 0.00	71.74 6.08 0.00	76.35 6.37 0.00	78.00 6.58 0.00	76.92 6.16 -5.58	76.88 5.04 -19.43	163.05 11.28 -32.51	189.06 6.56 -109.00	103.03 4.93 -37.91	75.16 3.51 -21.80	57.77 3.40 -4.88	43.33 2.85 0.00	40.28 2.72 0.00
LOVETT___4 23642	55.30 3.38 0.00	46.69 2.98 0.00	43.07 2.77 0.00	31.49 2.04 0.00	29.05 1.89 0.00	30.73 1.94 0.00	45.54 2.99 0.00	49.42 3.51 0.00	42.15 3.42 0.00	45.65 3.79 0.00	56.61 4.78 0.00	78.13 6.46 0.00	71.74 6.08 0.00	76.35 6.37 0.00	78.00 6.58 0.00	76.92 6.16 -5.58	76.88 5.04 -19.43	163.05 11.28 -32.51	189.06 6.56 -109.00	103.03 4.93 -37.91	75.16 3.51 -21.80	57.77 3.40 -4.88	43.33 2.85 0.00	40.28 2.72 0.00
LOVETT___5 23593	55.30 3.38 0.00	46.69 2.98 0.00	43.07 2.77 0.00	31.49 2.04 0.00	29.05 1.89 0.00	30.73 1.94 0.00	45.54 2.99 0.00	49.42 3.51 0.00	42.15 3.42 0.00	45.65 3.79 0.00	56.61 4.78 0.00	78.13 6.46 0.00	71.74 6.08 0.00	76.35 6.37 0.00	78.00 6.58 0.00	76.92 6.16 -5.58	76.88 5.04 -19.43	163.05 11.28 -32.51	189.06 6.56 -109.00	103.03 4.93 -37.91	75.16 3.51 -21.80	57.77 3.40 -4.88	43.33 2.85 0.00	40.28 2.72 0.00
LOWER RAQUET___HYD 24057	49.39 -2.53 0.00	41.30 -2.41 0.00	38.13 -2.17 0.00	27.89 -1.55 0.00	25.79 -1.36 0.00	27.57 -1.23 0.00	40.74 -1.81 0.00	43.86 -2.05 0.00	36.96 -1.78 0.00	39.85 -2.00 0.00	49.29 -2.54 0.00	68.35 -3.33 0.00	62.58 -3.08 0.00	66.58 -3.40 0.00	67.75 -3.67 0.00	59.28 -3.62 2.27	49.46 -2.94 0.00	113.03 -6.24 0.00	69.68 -3.83 0.00	57.60 -2.84 -0.25	49.04 -1.56 -0.75	48.98 -1.36 -0.84	39.92 -1.10 -0.54	37.10 -0.91 -0.46
LOWER___HUDSON 24059	54.46 2.53 0.00	45.90 2.19 0.00	42.33 2.04 0.00	31.00 1.56 0.00	28.62 1.47 0.00	30.33 1.54 0.00	44.67 2.11 0.00	48.29 2.38 0.00	40.73 2.00 0.00	43.99 2.13 0.00	54.46 2.63 0.00	75.23 3.56 0.00	69.34 3.68 0.00	74.21 4.23 0.00	75.58 4.15 0.00	91.87 3.93 -22.77	134.80 3.14 -79.25	315.71 7.05 -189.39	1100.99 4.30 -1023.18	422.65 3.23 -359.23	266.92 2.52 -214.55	100.09 2.59 -48.01	42.48 2.00 0.00	39.28 1.72 0.00
LOWVILLE_115KV_TB2 356335	52.93 1.01 0.00	44.58 0.87 0.00	41.21 0.91 0.00	30.07 0.63 0.00	27.75 0.60 0.00	29.49 0.70 0.00	43.63 1.07 0.00	47.05 1.14 0.00	39.72 0.99 0.00	42.75 0.89 0.00	52.72 0.89 0.00	73.74 2.07 0.00	67.55 1.89 0.00	72.01 2.03 0.00	73.42 2.00 0.00	66.56 1.94 0.56	54.25 1.84 0.00	123.71 4.45 0.00	75.86 2.35 0.00	62.44 1.69 -0.55	53.10 1.56 -1.68	52.98 1.59 -1.90	42.77 1.08 -1.21	39.43 0.84 -1.02
LUTHERFT_115KV_GLOB_FND_222 355753	55.26 3.34 0.00	46.54 2.83 0.00	42.88 2.58 0.00	31.36 1.92 0.00	29.00 1.85 0.00	30.75 1.96 0.00	45.41 2.86 0.00	49.08 3.18 0.00	41.47 2.73 0.00	44.82 2.97 0.00	55.45 3.62 0.00	76.69 5.02 0.00	70.54 4.88 0.00	75.43 5.45 0.00	76.89 5.47 0.00	96.35 5.15 -26.03	147.19 4.19 -90.59	349.27 9.83 -220.17	1286.71 6.07 -1207.14	488.75 4.65 -423.91	307.02 3.77 -253.40	109.94 3.75 -56.70	43.37 2.89 0.00	40.06 2.50 0.00

LUTHERNY_35_KV_BK2 355980	55.33 3.41 0.00	46.58 2.87 0.00	42.92 2.63 0.00	31.39 1.95 0.00	29.03 1.88 0.00	30.77 1.98 0.00	45.45 2.89 0.00	49.13 3.22 0.00	41.51 2.78 0.00	44.87 3.01 0.00	55.52 3.69 0.00	76.80 5.13 0.00	70.70 5.04 0.00	75.58 5.60 0.00	77.02 5.60 0.00	96.46 5.26 -26.03	147.28 4.28 -90.59	349.45 10.01 -220.17	1286.87 6.22 -1207.14	488.86 4.76 -423.91	307.09 3.84 -253.40	109.99 3.80 -56.70	43.43 2.94 0.00	40.11 2.55 0.00
LWR___OSWEGATCHIE_HYD 23850	51.11 -0.81 0.00	42.96 -0.75 0.00	39.73 -0.57 0.00	29.02 -0.42 0.00	26.80 -0.35 0.00	28.51 -0.28 0.00	42.16 -0.39 0.00	45.49 -0.42 0.00	38.41 -0.32 0.00	41.43 -0.43 0.00	51.19 -0.64 0.00	71.35 -0.32 0.00	65.23 -0.44 0.00	69.51 -0.47 0.00	70.74 -0.68 0.00	62.99 -0.68 1.50	51.97 -0.43 0.00	118.71 -0.56 0.00	72.83 -0.68 0.00	59.74 -0.94 -0.48	51.16 -0.16 -1.47	51.04 -0.10 -1.65	41.28 -0.26 -1.05	38.20 -0.26 -0.89
LYONS_FALL_HYD 23570	53.29 1.37 0.00	44.85 1.14 0.00	41.40 1.10 0.00	30.21 0.76 0.00	27.87 0.72 0.00	29.59 0.80 0.00	43.79 1.24 0.00	47.25 1.34 0.00	39.91 1.18 0.00	43.04 1.18 0.00	53.17 1.34 0.00	74.08 2.41 0.00	67.92 2.26 0.00	72.44 2.46 0.00	73.81 2.39 0.00	67.15 2.29 0.31	54.54 2.13 0.00	124.27 5.01 0.00	76.24 2.73 0.00	62.67 2.08 -0.40	52.84 1.78 -1.21	52.63 1.77 -1.36	42.61 1.26 -0.87	39.33 1.03 -0.74
MADISON___COUNTY_LFGE 323628	54.17 2.25 0.00	45.52 1.80 0.00	41.91 1.61 0.00	30.55 1.11 0.00	28.16 1.01 0.00	29.83 1.04 0.00	44.22 1.66 0.00	47.71 1.80 0.00	40.32 1.59 0.00	43.64 1.79 0.00	54.03 2.20 0.00	74.83 3.16 0.00	68.76 3.09 0.00	73.44 3.46 0.00	74.72 3.30 0.00	68.30 3.13 0.00	55.31 2.91 0.00	126.03 6.77 0.00	77.18 3.67 0.00	63.49 2.91 -0.39	53.43 2.38 -1.19	53.17 2.33 -1.34	43.08 1.74 -0.86	39.77 1.49 -0.73
MALONE___115KV_TB1 356076	50.94 -0.99 0.00	42.50 -1.21 0.00	39.29 -1.01 0.00	28.81 -0.64 0.00	26.67 -0.48 0.00	28.53 -0.26 0.00	42.08 -0.47 0.00	45.32 -0.59 0.00	38.17 -0.57 0.00	41.28 -0.58 0.00	51.13 -0.70 0.00	70.84 -0.83 0.00	64.87 -0.79 0.00	68.78 -1.20 0.00	69.34 -2.08 0.00	60.24 -2.27 2.66	49.91 -2.49 0.00	115.61 -3.65 0.00	71.58 -1.92 0.00	60.12 -0.07 0.00	49.51 -0.34 0.00	49.15 -0.35 0.00	40.16 -0.32 0.00	37.25 -0.31 0.00
MAPLEWOD_115KV_TB3 80458	54.26 2.34 0.00	45.80 2.08 0.00	42.22 1.92 0.00	30.89 1.45 0.00	28.50 1.35 0.00	30.20 1.41 0.00	44.53 1.98 0.00	48.20 2.29 0.00	40.67 1.93 0.00	43.95 2.09 0.00	54.39 2.56 0.00	75.14 3.48 0.00	69.20 3.54 0.00	74.02 4.04 0.00	75.43 4.01 0.00	88.05 3.75 -19.13	121.98 3.01 -66.56	280.88 6.76 -154.85	894.26 4.31 -816.44	349.98 3.26 -286.53	223.14 2.41 -170.88	90.13 2.39 -38.24	42.32 1.84 0.00	39.19 1.63 0.00
MAPLE_RIDGE_WT_1 323574	51.38 -0.54 0.00	43.32 -0.39 0.00	39.97 -0.32 0.00	29.23 -0.21 0.00	26.96 -0.19 0.00	28.63 -0.16 0.00	42.17 -0.38 0.00	45.45 -0.46 0.00	38.23 -0.50 0.00	41.27 -0.59 0.00	50.93 -0.90 0.00	70.43 -1.24 0.00	64.78 -0.88 0.00	69.25 -0.73 0.00	70.73 -0.69 0.00	65.77 -0.67 -1.27	51.86 -0.55 0.00	117.29 -1.97 0.00	72.43 -1.08 0.00	59.39 -0.80 0.00	49.36 -0.49 0.00	48.90 -0.60 0.00	40.05 -0.43 0.00	37.20 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	51.38 -0.54 0.00	43.32 -0.39 0.00	39.97 -0.32 0.00	29.23 -0.21 0.00	26.96 -0.19 0.00	28.63 -0.16 0.00	42.17 -0.38 0.00	45.45 -0.46 0.00	38.23 -0.50 0.00	41.27 -0.59 0.00	50.93 -0.90 0.00	70.43 -1.24 0.00	64.78 -0.88 0.00	69.25 -0.73 0.00	70.73 -0.69 0.00	65.77 -0.67 -1.27	51.86 -0.55 0.00	117.29 -1.97 0.00	72.43 -1.08 0.00	59.39 -0.80 0.00	49.36 -0.49 0.00	48.90 -0.60 0.00	40.05 -0.43 0.00	37.20 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	50.82 -1.11 0.00	42.46 -1.26 0.00	39.34 -0.96 0.00	28.88 -0.57 0.00	26.75 -0.41 0.00	28.57 -0.23 0.00	42.05 -0.50 0.00	45.27 -0.64 0.00	38.13 -0.61 0.00	41.17 -0.69 0.00	51.00 -0.83 0.00	70.59 -1.08 0.00	64.67 -0.99 0.00	68.50 -1.48 0.00	68.84 -2.58 0.00	59.52 -2.80 2.85	49.31 -3.10 0.00	114.83 -4.43 0.00	71.23 -2.28 0.00	59.51 -0.68 0.00	49.24 -0.61 0.00	48.91 -0.59 0.00	39.94 -0.54 0.00	37.08 -0.48 0.00
MARSHVLE_115KV_TB1 80742	55.95 4.02 0.00	47.01 3.29 0.00	43.22 2.92 0.00	31.49 2.04 0.00	28.99 1.84 0.00	30.74 1.95 0.00	45.55 2.99 0.00	48.94 3.03 0.00	41.13 2.40 0.00	44.21 2.35 0.00	54.50 2.67 0.00	75.69 4.02 0.00	68.75 3.09 0.00	73.47 3.49 0.00	75.25 3.82 0.00	92.06 3.48 -23.41	136.73 2.87 -81.46	325.96 8.43 -198.26	1167.50 5.64 -1088.35	447.27 4.88 -382.20	282.44 4.11 -228.48	104.59 3.97 -51.12	43.79 3.31 0.00	40.50 2.94 0.00
MARSH_HILL_WT_PWR 323713	53.99 2.06 0.00	45.00 1.29 0.00	40.93 0.63 0.00	29.43 -0.02 0.00	26.57 -0.58 0.00	27.51 -1.28 0.00	40.99 -1.56 0.00	44.10 -1.81 0.00	37.66 -1.07 0.00	40.92 -0.94 0.00	51.53 -0.30 0.00	71.23 -0.43 0.00	64.36 -1.30 0.00	67.42 -2.74 -0.18	76.59 -1.89 -7.05	73.19 -0.22 -8.24	56.47 -0.75 -4.82	131.40 -1.00 -13.14	75.22 -0.54 -2.25	60.54 -0.46 -0.80	50.49 -0.20 -0.84	50.12 -0.32 -0.94	40.56 -0.52 -0.60	37.53 -0.54 -0.51
MCINTYRE_115KV_TB2 80467	50.80 -1.12 0.00	42.41 -1.30 0.00	39.08 -1.22 0.00	28.57 -0.87 0.00	26.44 -0.71 0.00	28.30 -0.50 0.00	41.88 -0.67 0.00	44.98 -0.93 0.00	37.94 -0.79 0.00	40.95 -0.91 0.00	50.74 -1.09 0.00	70.23 -1.44 0.00	64.32 -1.34 0.00	68.36 -1.62 0.00	69.46 -1.96 0.00	60.57 -2.21 2.39	50.51 -1.90 0.00	115.88 -3.39 0.00	71.49 -2.02 0.00	58.52 -1.67 0.00	49.35 -0.51 0.00	49.04 -0.46 0.00	40.13 -0.35 0.00	37.31 -0.25 0.00
MECO_____69_KV_BK1 80468	59.25 7.32 0.00	49.67 5.96 0.00	45.58 5.28 0.00	33.17 3.73 0.00	30.53 3.38 0.00	32.40 3.61 0.00	47.80 5.24 0.00	50.74 4.83 0.00	43.15 4.42 0.00	45.44 3.58 0.00	56.17 4.34 0.00	77.59 5.92 0.00	68.97 3.31 0.00	74.65 4.67 0.00	78.13 6.71 0.00	95.10 5.16 -24.77	144.59 5.99 -86.19	349.92 20.38 -210.28	1242.87 12.71 -1156.65	476.25 9.86 -406.20	301.04 8.33 -242.86	111.77 7.93 -54.34	46.70 6.22 0.00	42.99 5.43 0.00
MENANDS___115KV_TB5 355628	53.79 1.87 0.00	45.42 1.71 0.00	41.89 1.60 0.00	30.67 1.23 0.00	28.30 1.15 0.00	29.99 1.19 0.00	44.20 1.65 0.00	47.83 1.92 0.00	40.34 1.61 0.00	43.57 1.71 0.00	53.93 2.10 0.00	74.44 2.78 0.00	68.57 2.91 0.00	73.34 3.36 0.00	74.74 3.32 0.00	86.84 3.10 -18.57	119.50 2.48 -64.62	274.26 5.45 -149.55	861.66 3.50 -784.66	338.22 2.67 -275.36	215.87 1.86 -164.16	88.06 1.83 -36.73	41.90 1.42 0.00	38.82 1.26 0.00
MG INDUSTRY___DRP 24185	53.72 1.80 0.00	45.42 1.71 0.00	41.91 1.61 0.00	30.66 1.21 0.00	28.28 1.13 0.00	29.97 1.18 0.00	44.18 1.63 0.00	47.70 1.79 0.00	40.12 1.39 0.00	43.29 1.43 0.00	53.38 1.56 0.00	73.33 1.66 0.00	67.19 1.53 0.00	71.79 1.81 0.00	73.24 1.82 0.00	79.83 1.65 -13.01	99.02 1.35 -45.27	218.83 2.92 -96.64	542.31 1.91 -466.89	225.23 1.41 -163.62	147.84 0.96 -97.03	72.19 0.99 -21.71	41.37 0.89 0.00	38.60 1.04 0.00

MID___OSWEGATCHIE_HYD 23849	51.11 -0.81 0.00	42.96 -0.75 0.00	39.73 -0.57 0.00	29.02 -0.42 0.00	26.80 -0.35 0.00	28.51 -0.28 0.00	42.16 -0.39 0.00	45.49 -0.42 0.00	38.41 -0.32 0.00	41.43 -0.43 0.00	51.19 -0.64 0.00	71.35 -0.32 0.00	65.23 -0.44 0.00	69.51 -0.47 0.00	70.74 -0.68 0.00	62.99 -0.68 1.50	51.97 -0.43 0.00	118.71 -0.56 0.00	72.83 -0.68 0.00	59.74 -0.94 -0.48	51.16 -0.16 -1.47	51.04 -0.10 -1.65	41.28 -0.26 -1.05	38.20 -0.26 -0.89
MID___RAQUETTE_HYD 23851	49.39 -2.53 0.00	41.30 -2.41 0.00	38.13 -2.17 0.00	27.89 -1.55 0.00	25.79 -1.36 0.00	27.57 -1.23 0.00	40.74 -1.81 0.00	43.86 -2.05 0.00	36.95 -1.78 0.00	39.85 -2.01 0.00	49.29 -2.54 0.00	68.34 -3.33 0.00	62.57 -3.08 0.00	66.58 -3.40 0.00	67.75 -3.67 0.00	59.27 -3.63 2.27	49.46 -2.94 0.00	113.05 -6.21 0.00	69.67 -3.83 0.00	57.61 -2.83 -0.25	49.04 -1.56 -0.75	48.98 -1.36 -0.84	39.92 -1.10 -0.54	37.10 -0.91 -0.46
MILLIKEN___1 23584	53.81 1.88 0.00	45.19 1.48 0.00	41.57 1.27 0.00	30.26 0.81 0.00	27.83 0.68 0.00	29.39 0.60 0.00	43.60 1.05 0.00	47.02 1.11 0.00	39.77 1.03 0.00	43.15 1.29 0.00	53.32 1.49 0.00	73.88 2.21 0.00	67.61 1.95 0.00	71.96 1.98 0.00	73.88 1.97 -0.48	69.64 2.11 -2.37	58.68 1.72 -4.55	132.63 4.13 -9.24	106.68 2.57 -30.60	73.65 1.95 -11.50	60.29 1.70 -8.74	55.38 1.66 -4.23	43.55 1.26 -1.81	40.13 1.03 -1.54
MILLIKEN___2 23585	53.81 1.88 0.00	45.19 1.48 0.00	41.57 1.27 0.00	30.26 0.81 0.00	27.83 0.68 0.00	29.39 0.60 0.00	43.60 1.05 0.00	47.02 1.11 0.00	39.77 1.03 0.00	43.15 1.29 0.00	53.32 1.49 0.00	73.88 2.21 0.00	67.61 1.95 0.00	71.96 1.98 0.00	73.88 1.97 -0.48	69.64 2.11 -2.37	58.68 1.72 -4.55	132.63 4.13 -9.24	106.68 2.57 -30.60	73.65 1.95 -11.50	60.29 1.70 -8.74	55.38 1.66 -4.23	43.55 1.26 -1.81	40.13 1.03 -1.54
MILLIKEN___DIESEL 23629	53.81 1.88 0.00	45.19 1.48 0.00	41.57 1.27 0.00	30.26 0.81 0.00	27.83 0.68 0.00	29.39 0.60 0.00	43.60 1.05 0.00	47.02 1.11 0.00	39.77 1.03 0.00	43.15 1.29 0.00	53.32 1.49 0.00	73.88 2.21 0.00	67.61 1.95 0.00	71.96 1.98 0.00	73.88 1.97 -0.48	69.64 2.11 -2.37	58.68 1.72 -4.55	132.63 4.13 -9.24	106.68 2.57 -30.60	73.65 1.95 -11.50	60.29 1.70 -8.74	55.38 1.66 -4.23	43.55 1.26 -1.81	40.13 1.03 -1.54
MILLSEAT___LFGE 323607	53.50 1.58 0.00	44.53 0.82 0.00	40.67 0.37 0.00	29.38 -0.06 0.00	26.81 -0.34 0.00	28.11 -0.68 0.00	41.82 -0.74 0.00	44.23 -1.68 0.00	37.78 -0.95 0.00	41.43 -0.43 0.00	51.54 -0.29 0.00	71.01 -0.66 0.00	63.91 -1.75 0.00	77.30 -2.12 -9.44	67.93 -2.51 0.99	79.47 -1.85 -16.14	52.12 -1.87 -1.58	141.40 -3.45 -25.59	90.46 -2.18 -19.13	57.99 -2.22 -0.02	48.07 -1.79 -0.01	47.69 -1.81 0.00	39.07 -1.42 0.00	36.79 -0.77 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	55.44 3.52 0.00	46.78 3.07 0.00	43.18 2.89 0.00	31.58 2.14 0.00	29.14 1.98 0.00	30.83 2.04 0.00	45.67 3.11 0.00	49.53 3.62 0.00	42.23 3.50 0.00	45.72 3.86 0.00	56.65 4.82 0.00	78.11 6.45 0.00	71.78 6.12 0.00	76.49 6.51 0.00	78.15 6.73 0.00	77.28 6.30 -5.80	77.77 5.17 -20.19	164.54 11.48 -33.81	193.66 6.60 -113.56	104.65 4.96 -39.49	76.13 3.56 -22.72	58.05 3.46 -5.08	43.39 2.91 0.00	40.35 2.79 0.00
MILLWOOD_13_KV_LOAD 356217	55.66 3.74 0.00	46.97 3.26 0.00	43.34 3.05 0.00	31.69 2.25 0.00	29.23 2.09 0.00	30.94 2.15 0.00	45.83 3.28 0.00	49.72 3.81 0.00	42.41 3.68 0.00	45.92 4.06 0.00	56.91 5.08 0.00	78.50 6.83 0.00	72.14 6.48 0.00	76.87 6.89 0.00	78.53 7.11 0.00	77.63 6.66 -5.80	78.05 5.45 -20.19	165.24 12.16 -33.81	194.09 7.03 -113.56	104.98 5.29 -39.49	76.39 3.81 -22.72	58.28 3.70 -5.08	43.57 3.09 0.00	40.50 2.94 0.00
MODEL_CITY_ENERGY 24167	51.78 -0.14 0.00	43.10 -0.61 0.00	39.37 -0.93 0.00	28.43 -1.01 0.00	25.90 -1.25 0.00	27.10 -1.69 0.00	40.26 -2.30 0.00	42.30 -3.61 0.00	36.14 -2.59 0.00	39.67 -2.19 0.00	49.41 -2.42 0.00	67.71 -3.97 0.00	61.21 -4.46 0.00	70.87 -5.56 -6.44	64.17 -5.84 1.41	74.09 -4.89 -13.81	52.40 -4.24 -4.23	133.61 -9.05 -23.40	82.27 -5.61 -14.38	55.64 -4.93 -0.38	45.89 -3.97 -0.01	45.55 -3.95 0.00	37.42 -3.06 0.00	35.41 -2.15 0.00
MODERN_LFGE___ 323580	51.78 -0.14 0.00	43.10 -0.61 0.00	39.37 -0.93 0.00	28.43 -1.01 0.00	25.90 -1.25 0.00	27.10 -1.69 0.00	40.26 -2.30 0.00	42.30 -3.61 0.00	36.14 -2.59 0.00	39.67 -2.19 0.00	49.41 -2.42 0.00	67.71 -3.97 0.00	61.21 -4.46 0.00	70.87 -5.56 -6.44	64.17 -5.84 1.41	74.09 -4.89 -13.81	52.40 -4.24 -4.23	133.61 -9.05 -23.40	82.27 -5.61 -14.38	55.64 -4.93 -0.38	45.89 -3.97 -0.01	45.55 -3.95 0.00	37.42 -3.06 0.00	35.41 -2.15 0.00
MOHAWK_PAPER___DRP 24187	54.26 2.34 0.00	45.80 2.08 0.00	42.22 1.92 0.00	30.89 1.45 0.00	28.50 1.35 0.00	30.20 1.41 0.00	44.53 1.98 0.00	48.20 2.29 0.00	40.67 1.93 0.00	43.95 2.09 0.00	54.39 2.56 0.00	75.14 3.48 0.00	69.20 3.54 0.00	74.02 4.04 0.00	75.43 4.01 0.00	88.05 3.75 -19.13	121.98 3.01 -66.56	280.88 6.76 -154.85	894.26 4.31 -816.44	349.98 3.26 -286.53	223.14 2.41 -170.88	90.13 2.39 -38.24	42.32 1.84 0.00	39.19 1.63 0.00
MOHICAN___35_KV_115KV_LD 80490	55.32 3.39 0.00	46.48 2.77 0.00	42.82 2.53 0.00	31.35 1.91 0.00	29.18 2.03 0.00	31.01 2.21 0.00	45.87 3.32 0.00	49.57 3.67 0.00	41.93 3.20 0.00	45.38 3.52 0.00	56.11 4.28 0.00	77.68 6.02 0.00	71.40 5.74 0.00	76.38 6.40 0.00	77.73 6.30 0.00	97.42 6.07 -26.18	148.51 4.98 -91.12	352.55 11.67 -221.61	1296.48 7.23 -1215.74	492.68 5.55 -426.93	309.72 4.66 -255.21	111.17 4.56 -57.11	43.92 3.43 0.00	40.46 2.90 0.00
MONGAUP___HYD 23641	55.72 3.79 0.00	46.90 3.19 0.00	43.22 2.93 0.00	31.56 2.12 0.00	29.10 1.95 0.00	30.78 1.99 0.00	45.63 3.07 0.00	49.37 3.46 0.00	41.98 3.25 0.00	45.41 3.55 0.00	56.27 4.44 0.00	77.48 5.81 0.00	71.15 5.50 0.00	75.13 5.15 0.00	76.40 4.97 0.00	75.28 4.93 -5.18	74.82 4.40 -18.01	159.14 9.78 -30.10	180.26 5.98 -100.77	100.33 5.09 -35.05	74.22 4.22 -20.15	58.01 4.00 -4.51	43.71 3.23 0.00	40.49 2.93 0.00
MONTAUK___DIESEL 23721	57.77 5.85 0.00	48.31 4.60 0.00	44.62 4.33 0.00	32.51 3.07 0.00	29.71 2.56 0.00	31.05 2.26 0.00	46.34 3.78 0.00	50.31 4.40 0.00	42.92 4.19 0.00	46.89 5.04 0.00	58.29 6.46 0.00	80.03 8.36 0.00	72.80 7.14 0.00	77.63 7.65 0.00	80.08 8.66 0.00	79.39 8.37 -5.85	79.02 6.27 -20.34	167.58 14.26 -34.05	195.83 7.94 -114.37	105.51 5.54 -39.78	76.16 3.43 -22.88	57.76 3.15 -5.12	50.05 3.79 -5.79	40.53 2.97 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	55.10 3.18 0.00	45.71 2.00 0.00	41.46 1.17 0.00	29.45 0.00 0.00	26.63 -0.52 0.00	27.70 -1.10 0.00	41.50 -1.06 0.00	43.79 -2.11 0.00	37.93 -0.80 0.00	43.30 1.44 0.00	54.62 2.79 0.00	74.94 3.27 -0.01	68.37 2.70 0.00	72.70 2.26 -0.46	72.46 2.57 1.54	86.94 2.74 -19.04	59.26 1.91 -4.94	149.23 4.86 -25.11	78.82 2.81 -2.50	62.31 1.67 -0.44	50.69 0.84 0.00	49.76 0.26 0.00	40.12 -0.36 0.00	37.58 0.02 0.00

MORTIMER_115KV_TB3 55949	52.86 0.93 0.00	44.13 0.41 0.00	40.43 0.13 0.00	29.32 -0.12 0.00	26.86 -0.29 0.00	28.29 -0.51 0.00	41.99 -0.56 0.00	44.77 -1.14 0.00	38.11 -0.62 0.00	41.59 -0.27 0.00	51.79 -0.04 0.00	71.46 -0.21 0.00	64.83 -0.83 0.00	69.94 -1.17 -1.13	70.10 -1.36 -0.03	64.45 -1.06 -0.34	51.38 -1.10 -0.07	118.30 -2.15 -1.19	74.46 -1.34 -2.29	58.80 -1.39 0.00	48.65 -1.20 0.00	48.41 -1.09 0.00	39.61 -0.87 0.00	37.04 -0.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	55.78 3.86 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.40 0.00	29.38 2.23 0.00	31.10 2.31 0.00	46.05 3.50 0.00	49.95 4.04 0.00	42.69 3.96 0.00	46.19 4.33 0.00	57.18 5.35 0.00	78.72 7.06 0.00	72.32 6.67 0.00	77.05 7.07 0.00	78.73 7.31 0.00	77.84 6.82 -5.85	78.33 5.57 -20.35	165.60 12.27 -34.07	194.93 7.01 -114.42	105.29 5.31 -39.79	76.57 3.83 -22.89	58.32 3.70 -5.12	43.64 3.16 0.00	40.67 3.11 0.00
MUNSVILLE_WIND_PWR 323609	57.60 5.67 0.00	48.23 4.52 0.00	44.27 3.98 0.00	32.19 2.75 0.00	29.66 2.51 0.00	31.30 2.50 0.00	46.38 3.82 0.00	49.86 3.96 0.00	42.28 3.55 0.00	45.96 4.10 0.00	56.26 4.43 0.00	76.76 5.09 0.00	70.76 5.10 0.00	76.18 6.20 0.00	77.15 5.40 -0.32	73.85 4.74 -3.94	65.79 4.29 -9.09	149.76 11.65 -18.84	154.25 7.19 -73.55	92.19 5.76 -26.25	72.02 5.45 -16.71	59.78 5.10 -5.19	45.47 3.84 -1.15	41.73 3.19 -0.98
N SALMON___HYD 24042	50.94 -0.99 0.00	42.51 -1.21 0.00	39.29 -1.00 0.00	28.81 -0.64 0.00	26.67 -0.48 0.00	28.53 -0.27 0.00	42.08 -0.47 0.00	45.32 -0.59 0.00	38.17 -0.56 0.00	41.28 -0.58 0.00	51.13 -0.70 0.00	70.84 -0.83 0.00	64.87 -0.79 0.00	68.78 -1.20 0.00	69.34 -2.08 0.00	60.24 -2.27 2.66	49.91 -2.49 0.00	115.59 -3.67 0.00	71.57 -1.94 0.00	60.12 -0.07 0.00	49.51 -0.34 0.00	49.15 -0.34 0.00	40.16 -0.32 0.00	37.25 -0.31 0.00
N.AKRON___115KV_KNAPP 355671	53.27 1.35 0.00	44.32 0.61 0.00	40.48 0.18 0.00	29.23 -0.21 0.00	26.66 -0.49 0.00	27.94 -0.86 0.00	41.55 -1.01 0.00	43.88 -2.03 0.00	37.50 -1.23 0.00	41.13 -0.73 0.00	51.21 -0.62 0.00	70.45 -1.22 0.00	63.48 -2.18 0.00	77.44 -2.76 -10.22	67.21 -3.13 1.07	81.16 -2.47 -18.46	54.71 -2.28 -4.59	145.87 -4.62 -31.23	92.63 -2.87 -21.99	57.82 -2.74 -0.37	47.65 -2.22 -0.02	47.27 -2.22 0.00	38.77 -1.71 0.00	36.55 -1.01 0.00
N.BELMOR_69_KV_BK1 55787	56.33 4.41 0.00	47.61 3.90 0.00	44.05 3.75 0.00	32.16 2.72 0.00	29.61 2.46 0.00	31.29 2.50 0.00	46.38 3.83 0.00	50.15 4.24 0.00	42.76 4.03 0.00	46.26 4.40 0.00	57.03 5.20 0.00	78.44 6.78 0.00	72.04 6.38 0.00	76.94 6.96 0.00	78.97 7.55 0.00	78.29 7.27 -5.85	78.79 6.05 -20.34	167.09 13.77 -34.05	195.87 7.99 -114.37	105.76 5.78 -39.78	76.52 3.79 -22.88	58.53 3.91 -5.12	49.90 3.63 -5.79	40.95 3.39 0.00
N.E_GEN_SANDY PD 24062	58.64 2.63 -4.09	44.63 2.28 1.36	42.45 2.15 0.00	31.31 1.65 -0.21	28.90 1.55 -0.20	33.88 1.60 -3.49	44.78 2.23 0.00	48.48 2.58 0.00	42.27 2.27 -1.28	44.28 2.43 0.00	55.70 3.02 -0.86	75.72 4.05 0.00	74.20 4.22 -4.32	74.81 4.83 0.00	76.23 4.80 0.00	79.44 4.52 -9.75	89.99 3.64 -33.94	192.70 8.06 -65.38	383.11 4.61 -304.99	170.32 3.39 -106.74	120.26 2.56 -67.85	66.47 2.61 -14.36	42.56 2.07 0.00	37.89 1.85 1.52
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	55.48 3.55 0.00	46.82 3.11 0.00	43.17 2.87 0.00	31.56 2.11 0.00	29.10 1.95 0.00	30.80 2.00 0.00	45.64 3.09 0.00	49.53 3.63 0.00	42.27 3.53 0.00	45.79 3.93 0.00	56.81 4.98 0.00	78.43 6.76 0.00	72.01 6.35 0.00	76.64 6.65 0.00	78.29 6.87 0.00	77.17 6.43 -5.57	77.06 5.27 -19.39	163.53 11.84 -32.42	189.09 6.87 -108.71	103.18 5.18 -37.81	75.29 3.69 -21.75	57.94 3.58 -4.87	43.48 3.00 0.00	40.40 2.84 0.00
N.QUEENS_27_KV_LOAD 356247	56.07 4.15 0.00	47.42 3.71 0.00	43.73 3.43 0.00	32.09 2.65 0.00	29.59 2.44 0.00	31.25 2.46 0.00	46.30 3.74 0.00	50.21 4.30 0.00	42.95 4.22 0.00	46.51 4.65 0.00	57.47 5.64 0.00	79.18 7.51 0.00	72.78 7.12 0.00	77.51 7.53 0.00	79.22 7.80 0.00	78.26 7.24 -5.85	78.68 5.92 -20.35	166.20 12.87 -34.07	195.14 7.22 -114.42	105.59 5.61 -39.79	76.86 4.12 -22.89	58.51 3.89 -5.12	43.85 3.37 0.00	40.92 3.37 0.00
N.TROY___115KV_TB1 355778	54.46 2.54 0.00	45.90 2.19 0.00	42.33 2.04 0.00	31.00 1.56 0.00	28.62 1.47 0.00	30.34 1.54 0.00	44.67 2.11 0.00	48.29 2.38 0.00	40.73 2.00 0.00	43.99 2.13 0.00	54.46 2.63 0.00	75.23 3.56 0.00	69.34 3.68 0.00	74.21 4.23 0.00	75.58 4.16 0.00	91.87 3.93 -22.77	134.80 3.14 -79.25	315.71 7.05 -189.39	1100.97 4.28 -1023.18	422.65 3.23 -359.23	266.92 2.52 -214.55	100.08 2.58 -48.01	42.48 2.00 0.00	39.28 1.72 0.00
NARROWS_GT1_1 24228	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT1_2 24229	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT1_3 24230	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT1_4 24231	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT1_5 24232	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00

NARROWS_GT1_6 24233	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT1_7 24234	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT1_8 24235	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT2_1 24236	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT2_2 24237	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT2_3 24238	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT2_4 24239	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT2_5 24240	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT2_6 24241	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT2_7 24242	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NARROWS_GT2_8 24243	55.88 3.95 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.47 4.62 0.00	57.47 5.64 0.00	79.21 7.54 0.00	72.77 7.11 0.00	77.58 7.60 0.00	79.24 7.82 0.00	77.91 6.90 -5.85	78.34 5.59 -20.35	165.34 12.01 -34.06	194.76 6.84 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	55.27 3.35 0.00	46.64 2.93 0.00	42.95 2.65 0.00	31.39 1.95 0.00	28.96 1.81 0.00	30.69 1.90 0.00	45.27 2.72 0.00	49.09 3.18 0.00	41.31 2.58 0.00	44.46 2.61 0.00	54.95 3.12 0.00	75.75 4.08 0.00	69.60 3.94 0.00	75.00 5.02 0.00	76.11 4.69 0.00	82.23 4.55 -12.52	99.14 3.17 -43.56	219.39 6.45 -93.68	534.65 4.88 -456.26	223.99 3.87 -159.92	147.86 3.12 -94.88	74.37 3.64 -21.23	43.29 2.81 0.00	40.01 2.45 0.00
NCHELSEA_115KV_TR2 355582	55.93 4.01 0.00	47.18 3.47 0.00	43.53 3.23 0.00	31.80 2.36 0.00	29.33 2.18 0.00	31.04 2.25 0.00	45.99 3.44 0.00	49.88 3.97 0.00	42.47 3.74 0.00	46.03 4.18 0.00	57.11 5.28 0.00	78.93 7.26 0.00	72.54 6.88 0.00	77.40 7.42 0.00	79.24 7.81 0.00	78.45 7.29 -5.99	79.22 5.99 -20.83	168.00 13.50 -35.23	202.21 7.87 -120.83	108.20 5.96 -42.05	78.50 4.41 -24.24	59.16 4.24 -5.42	43.84 3.36 0.00	40.66 3.10 0.00
NEG CAPITAL___MECHNVIL 23645	55.46 3.54 0.00	46.68 2.96 0.00	43.01 2.71 0.00	31.45 2.00 0.00	29.04 1.89 0.00	30.80 2.00 0.00	45.47 2.91 0.00	49.16 3.26 0.00	41.53 2.80 0.00	44.90 3.04 0.00	55.58 3.76 0.00	76.85 5.19 0.00	70.77 5.11 0.00	75.69 5.71 0.00	77.15 5.73 0.00	95.78 5.42 -25.19	144.48 4.41 -87.66	341.79 10.29 -212.24	1239.60 6.35 -1159.74	472.28 4.85 -407.24	297.15 3.91 -243.39	107.83 3.87 -54.46	43.44 2.96 0.00	40.14 2.58 0.00
NEG CENTRAL_HIGH_ACRES 23767	51.98 0.06 0.00	43.42 -0.30 0.00	39.80 -0.49 0.00	28.90 -0.55 0.00	26.51 -0.64 0.00	27.94 -0.85 0.00	41.47 -1.08 0.00	44.35 -1.56 0.00	37.71 -1.02 0.00	41.12 -0.74 0.00	51.16 -0.67 0.00	70.72 -0.95 0.00	64.38 -1.28 0.00	68.29 -1.69 0.00	69.59 -1.83 0.00	62.50 -1.50 1.18	50.87 -1.45 0.09	115.01 -2.93 1.32	71.70 -1.81 0.00	58.44 -1.75 0.00	48.32 -1.53 0.00	48.06 -1.44 0.00	39.26 -1.22 0.00	36.60 -0.96 0.00

NEG CENTRAL___DRP 24199	52.86 0.93 0.00	44.26 0.55 0.00	40.64 0.34 0.00	29.55 0.10 0.00	27.13 -0.02 0.00	28.56 -0.23 0.00	42.42 -0.14 0.00	45.67 -0.23 0.00	38.71 -0.02 0.00	42.05 0.19 0.00	52.23 0.40 0.00	72.36 0.70 0.00	66.08 0.42 0.00	70.23 0.25 0.00	72.62 0.42 -0.78	65.99 0.82 0.00	52.60 0.19 0.00	120.03 0.77 0.00	74.13 0.63 0.00	61.38 0.37 -0.83	52.61 0.25 -2.51	52.60 0.27 -2.83	42.40 0.12 -1.80	39.14 0.05 -1.53
NEG CENTRAL___INDECK 23768	53.46 1.53 0.00	44.56 0.85 0.00	40.78 0.48 0.00	29.48 0.04 0.00	26.90 -0.25 0.00	28.13 -0.66 0.00	41.89 -0.67 0.00	44.79 -1.12 0.00	38.08 -0.65 0.00	41.24 -0.62 0.00	51.35 -0.48 0.00	70.10 -1.57 0.00	61.81 -3.85 0.00	65.74 -4.24 0.00	73.90 -4.81 -7.29	66.65 -3.20 -4.68	53.22 -2.92 -3.73	121.25 -6.19 -8.18	71.76 -3.27 -1.52	57.90 -2.71 -0.43	47.99 -1.87 0.00	49.45 -0.05 0.00	40.31 -0.17 0.00	37.42 -0.14 0.00
NEG CENTRAL___SENECA 23627	53.38 1.46 0.00	44.58 0.87 0.00	40.88 0.58 0.00	29.70 0.26 0.00	27.25 0.10 0.00	28.60 -0.19 0.00	42.53 -0.03 0.00	45.76 -0.15 0.00	38.87 0.14 0.00	42.33 0.47 0.00	52.63 0.81 0.00	72.83 1.17 0.00	66.45 0.79 0.00	70.54 0.57 0.00	73.46 0.80 -1.24	66.44 1.28 0.00	52.89 0.49 0.00	120.85 1.59 0.00	74.66 1.16 0.00	61.32 0.69 -0.43	51.62 0.46 -1.31	51.50 0.53 -1.48	41.69 0.27 -0.94	38.57 0.21 -0.80
NEG CENTRAL___STATE_STREET 24147	52.83 0.90 0.00	44.44 0.73 0.00	40.87 0.58 0.00	29.77 0.33 0.00	27.30 0.16 0.00	28.90 0.11 0.00	42.90 0.35 0.00	46.18 0.28 0.00	39.05 0.32 0.00	42.25 0.39 0.00	52.45 0.62 0.00	72.82 1.15 0.00	66.36 0.70 0.00	70.85 0.87 0.00	72.70 0.99 -0.29	66.46 1.29 0.00	53.06 0.66 0.00	120.73 1.47 0.00	74.59 1.08 0.00	62.10 0.80 -1.11	54.02 0.80 -3.37	54.04 0.75 -3.79	43.44 0.54 -2.42	39.96 0.35 -2.05
NEG MILLWOOD___DRP 24198	56.19 4.26 0.00	47.34 3.63 0.00	43.67 3.37 0.00	31.92 2.47 0.00	29.44 2.29 0.00	31.16 2.37 0.00	46.18 3.63 0.00	50.09 4.18 0.00	42.69 3.95 0.00	46.28 4.43 0.00	57.42 5.59 0.00	79.34 7.68 0.00	72.98 7.32 0.00	77.88 7.90 0.00	79.62 8.20 0.00	78.84 7.67 -6.00	79.57 6.29 -20.87	168.53 14.12 -35.15	201.16 8.19 -119.46	107.95 6.19 -41.56	78.31 4.52 -23.94	59.19 4.34 -5.36	44.00 3.51 0.00	40.83 3.26 0.00
NEG NORTH_FLCN_SEA 23793	51.49 -0.43 0.00	42.99 -0.72 0.00	39.86 -0.44 0.00	29.27 -0.17 0.00	27.10 -0.05 0.00	28.90 0.11 0.00	42.39 -0.16 0.00	45.63 -0.28 0.00	38.44 -0.29 0.00	41.54 -0.32 0.00	51.49 -0.34 0.00	71.33 -0.34 0.00	65.39 -0.27 0.00	69.20 -0.77 0.00	69.46 -1.96 0.00	60.10 -2.23 2.85	49.72 -2.69 0.00	115.75 -3.51 0.00	72.09 -1.42 0.00	60.60 0.41 0.00	49.92 0.07 0.00	49.58 0.09 0.00	40.44 -0.05 0.00	37.52 -0.04 0.00
NEG NORTH_KES_CHATEGAY 23792	50.84 -1.08 0.00	42.42 -1.29 0.00	39.27 -1.03 0.00	28.80 -0.65 0.00	26.67 -0.48 0.00	28.52 -0.27 0.00	42.01 -0.55 0.00	45.22 -0.69 0.00	37.98 -0.75 0.00	41.05 -0.81 0.00	50.83 -1.00 0.00	70.41 -1.26 0.00	64.55 -1.11 0.00	68.39 -1.59 0.00	68.83 -2.59 0.00	59.59 -2.78 2.80	49.47 -2.93 0.00	114.87 -4.39 0.00	71.18 -2.33 0.00	59.56 -0.63 0.00	49.21 -0.64 0.00	48.90 -0.60 0.00	39.94 -0.54 0.00	37.07 -0.49 0.00
NEG NORTH___ALICE_FALLS 23915	51.61 -0.31 0.00	43.06 -0.65 0.00	39.89 -0.40 0.00	29.30 -0.15 0.00	27.12 -0.03 0.00	28.96 0.17 0.00	42.57 0.02 0.00	45.84 -0.06 0.00	38.63 -0.11 0.00	41.70 -0.16 0.00	51.75 -0.08 0.00	71.73 0.06 0.00	65.73 0.07 0.00	69.59 -0.39 0.00	69.87 -1.55 0.00	60.44 -1.89 2.84	50.03 -2.38 0.00	116.44 -2.82 0.00	72.36 -1.14 0.00	61.05 0.86 0.00	50.06 0.21 0.00	49.68 0.18 0.00	40.50 0.02 0.00	37.57 0.01 0.00
NEG NORTH___LWR_SARANAC 23913	51.61 -0.31 0.00	43.06 -0.65 0.00	39.89 -0.40 0.00	29.30 -0.15 0.00	27.12 -0.03 0.00	28.96 0.17 0.00	42.57 0.02 0.00	45.84 -0.06 0.00	38.63 -0.11 0.00	41.70 -0.16 0.00	51.75 -0.08 0.00	71.73 0.06 0.00	65.73 0.07 0.00	69.59 -0.39 0.00	69.87 -1.55 0.00	60.44 -1.89 2.84	50.03 -2.38 0.00	116.44 -2.82 0.00	72.36 -1.14 0.00	61.05 0.86 0.00	50.06 0.21 0.00	49.68 0.18 0.00	40.50 0.02 0.00	37.57 0.01 0.00
NEG NORTH___PLATTSBURG 23628	51.61 -0.31 0.00	43.06 -0.65 0.00	39.89 -0.40 0.00	29.30 -0.15 0.00	27.12 -0.03 0.00	28.96 0.17 0.00	42.57 0.02 0.00	45.84 -0.06 0.00	38.63 -0.11 0.00	41.70 -0.16 0.00	51.75 -0.08 0.00	71.73 0.06 0.00	65.73 0.07 0.00	69.59 -0.39 0.00	69.87 -1.56 0.00	60.43 -1.90 2.84	50.03 -2.38 0.00	116.41 -2.85 0.00	72.36 -1.15 0.00	61.05 0.86 0.00	50.06 0.21 0.00	49.68 0.18 0.00	40.50 0.02 0.00	37.57 0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	52.05 0.13 0.00	43.36 -0.35 0.00	39.60 -0.70 0.00	28.58 -0.86 0.00	26.04 -1.11 0.00	27.24 -1.55 0.00	40.47 -2.08 0.00	42.60 -3.31 0.00	36.37 -2.37 0.00	39.87 -1.99 0.00	49.68 -2.15 0.00	68.13 -3.54 0.00	61.51 -4.14 0.01	20.96 -5.20 43.82	63.14 -5.47 2.81	3.41 -4.58 57.18	45.43 -3.96 3.02	20.21 -8.51 90.54	-19.24 -5.27 87.47	55.86 -4.64 -0.30	46.05 -3.75 0.04	45.78 -3.72 0.00	37.60 -2.88 0.00	35.55 -2.01 0.00
NEG WEST___LANCASTR 23811	52.80 0.87 0.00	43.96 0.25 0.00	40.20 -0.10 0.00	29.01 -0.43 0.00	26.53 -0.62 0.00	27.76 -1.03 0.00	41.29 -1.26 0.00	43.88 -2.02 0.00	37.55 -1.19 0.00	41.30 -0.56 0.00	51.65 -0.18 0.00	70.83 -0.84 -0.01	64.11 -1.55 0.00	67.97 -2.55 -0.54	67.22 -2.65 1.56	78.95 -2.30 -16.07	54.91 -2.26 -4.77	136.80 -4.51 -22.05	73.30 -2.90 -2.69	57.90 -2.75 -0.45	47.63 -2.23 0.00	47.29 -2.21 0.00	38.74 -1.74 0.00	36.39 -1.17 0.00
NEG_PENN_ALLEGHNY 23528	53.34 1.41 0.00	44.76 1.05 0.00	41.20 0.91 0.00	29.94 0.50 0.00	27.60 0.44 0.00	29.10 0.30 0.00	43.15 0.60 0.00	46.61 0.70 0.00	39.51 0.78 0.00	43.05 1.19 0.00	53.49 1.67 0.00	73.89 2.23 0.00	67.49 1.83 0.00	71.68 1.70 0.00	73.12 1.70 0.00	70.70 1.65 -3.88	61.07 1.38 -7.28	137.58 3.54 -14.78	123.44 1.89 -48.05	78.75 1.29 -17.27	61.95 0.80 -11.30	54.23 0.81 -3.93	42.25 0.65 -1.11	39.09 0.59 -0.94
NEG___GEN_MONROE 24207	53.41 1.49 0.00	44.62 0.91 0.00	40.86 0.56 0.00	29.56 0.12 0.00	27.05 -0.10 0.00	28.47 -0.32 0.00	42.29 -0.26 0.00	45.04 -0.86 0.00	38.38 -0.35 0.00	41.92 0.06 0.00	52.15 0.32 0.00	72.02 0.35 0.00	65.18 -0.48 0.00	70.79 -0.73 -1.54	70.56 -0.90 -0.04	65.59 -0.67 -1.09	51.73 -0.82 -0.14	120.18 -1.47 -2.38	75.76 -0.87 -3.12	59.14 -1.05 0.00	48.97 -0.88 0.00	48.70 -0.80 0.00	39.83 -0.65 0.00	37.27 -0.28 0.00
NEPA___ENERGY 23901	53.42 1.50 0.00	44.40 0.69 0.00	40.62 0.32 0.00	29.17 -0.27 0.00	26.71 -0.44 0.00	27.90 -0.90 0.00	41.64 -0.91 0.00	44.50 -1.41 0.00	38.18 -0.55 0.00	42.35 0.49 0.00	53.13 1.30 0.00	72.91 1.24 -0.01	65.85 0.19 0.00	69.76 -0.58 -0.36	69.00 -0.57 1.85	83.70 -0.30 -18.83	56.99 -0.38 -4.96	143.95 -0.04 -24.73	75.51 -0.32 -2.32	59.83 -0.80 -0.44	48.64 -1.21 0.00	48.16 -1.34 0.00	39.47 -1.01 0.00	36.94 -0.62 0.00

NEVERSINK___HYD 23608	54.59 2.67 0.00	45.95 2.23 0.00	42.35 2.05 0.00	30.92 1.48 0.00	28.51 1.36 0.00	30.17 1.38 0.00	44.72 2.17 0.00	48.51 2.60 0.00	41.28 2.55 0.00	44.80 2.94 0.00	55.62 3.80 0.00	76.77 5.10 0.00	70.34 4.68 0.00	73.09 3.11 0.00	74.89 3.46 0.00	74.13 3.38 -5.57	74.79 3.01 -19.38	159.86 6.69 -33.91	201.30 3.89 -123.90	106.22 2.85 -43.18	77.02 2.12 -25.04	58.29 3.19 -5.60	42.95 2.47 0.00	39.77 2.21 0.00
NEWKRMKL_115KV_TB1 55635	53.60 1.68 0.00	45.26 1.55 0.00	41.74 1.44 0.00	30.54 1.10 0.00	28.19 1.04 0.00	29.87 1.08 0.00	44.05 1.49 0.00	47.67 1.76 0.00	40.19 1.46 0.00	43.42 1.56 0.00	53.73 1.90 0.00	74.18 2.51 0.00	68.29 2.63 0.00	73.02 3.04 0.00	74.42 2.99 0.00	86.00 2.79 -18.04	117.41 2.24 -62.76	268.66 4.94 -144.45	830.73 3.29 -753.93	327.31 2.57 -264.56	209.20 1.68 -157.67	86.40 1.62 -35.28	41.74 1.26 0.00	38.68 1.12 0.00
NEWTON___FALLS_HYD 23847	51.11 -0.81 0.00	42.96 -0.75 0.00	39.73 -0.57 0.00	29.02 -0.42 0.00	26.80 -0.35 0.00	28.51 -0.28 0.00	42.16 -0.39 0.00	45.49 -0.42 0.00	38.41 -0.32 0.00	41.43 -0.43 0.00	51.19 -0.64 0.00	71.35 -0.32 0.00	65.23 -0.44 0.00	69.51 -0.47 0.00	70.74 -0.68 0.00	62.99 -0.68 1.50	51.97 -0.43 0.00	118.71 -0.56 0.00	72.83 -0.68 0.00	59.74 -0.94 -0.48	51.16 -0.16 -1.47	51.04 -0.10 -1.65	41.28 -0.26 -1.05	38.20 -0.26 -0.89
NGRID_A1_DSASP 323792	51.38 -0.54 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.24 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.00 0.00	35.79 -2.94 0.00	39.28 -2.58 0.00	48.87 -2.96 0.00	66.69 -4.98 0.00	60.21 -5.45 0.00	59.97 -6.63 3.38	63.08 -6.70 1.64	48.67 -5.71 10.78	49.42 -4.93 -1.94	96.14 -10.62 12.51	61.40 -6.56 5.55	54.75 -5.79 -0.35	45.13 -4.71 0.02	44.82 -4.67 0.00	36.88 -3.60 0.00	35.13 -2.43 0.00
NGRID_A2_DSASP 323793	51.38 -0.54 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.24 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.00 0.00	35.79 -2.94 0.00	39.28 -2.58 0.00	48.87 -2.96 0.00	66.69 -4.98 0.00	60.21 -5.45 0.00	59.97 -6.63 3.38	63.08 -6.70 1.64	48.67 -5.71 10.78	49.42 -4.93 -1.94	96.14 -10.62 12.51	61.40 -6.56 5.55	54.75 -5.79 -0.35	45.13 -4.71 0.02	44.82 -4.67 0.00	36.88 -3.60 0.00	35.13 -2.43 0.00
NGRID_A4_DSASP 323807	51.38 -0.54 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.24 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.00 0.00	35.79 -2.94 0.00	39.28 -2.58 0.00	48.87 -2.96 0.00	66.69 -4.98 0.00	60.21 -5.45 0.00	59.97 -6.63 3.38	63.08 -6.70 1.64	48.67 -5.71 10.78	49.42 -4.93 -1.94	96.14 -10.62 12.51	61.40 -6.56 5.55	54.75 -5.79 -0.35	45.13 -4.71 0.02	44.82 -4.67 0.00	36.88 -3.60 0.00	35.13 -2.43 0.00
NIAGARA_115E_LBMP 323715	51.51 -0.41 0.00	42.87 -0.84 0.00	39.17 -1.12 0.00	28.29 -1.15 0.00	25.78 -1.37 0.00	26.96 -1.83 0.00	40.05 -2.51 0.00	42.03 -3.87 0.00	35.92 -2.81 0.00	39.43 -2.43 0.00	49.12 -2.71 0.00	67.28 -4.39 0.00	60.86 -4.80 0.00	68.00 -5.98 -4.01	63.69 -6.22 1.52	70.31 -5.28 -10.42	51.77 -4.55 -3.91	127.31 -9.77 -17.82	76.92 -6.05 -9.46	55.32 -5.25 -0.38	45.61 -4.25 0.00	45.29 -4.21 0.00	37.22 -3.26 0.00	35.24 -2.32 0.00
NIAGARA_115W_LBMP 323714	51.26 -0.66 0.00	42.68 -1.03 0.00	39.01 -1.29 0.00	28.19 -1.25 0.00	25.69 -1.47 0.00	26.87 -1.93 0.00	39.88 -2.68 0.00	41.81 -4.09 0.00	35.72 -3.01 0.00	39.21 -2.65 0.00	48.79 -3.04 0.00	66.55 -5.13 0.00	60.07 -5.58 0.00	60.15 -6.77 3.06	62.96 -6.83 1.63	48.98 -5.85 10.35	49.37 -5.03 -1.99	96.63 -10.84 11.80	61.89 -6.70 4.92	54.65 -5.90 -0.35	45.03 -4.80 0.02	44.73 -4.77 0.00	36.80 -3.68 0.00	35.05 -2.51 0.00
NIAGARA_230_LBMP 323716	51.64 -0.28 0.00	42.98 -0.74 0.00	39.29 -1.00 0.00	28.40 -1.05 0.00	25.90 -1.25 0.00	27.09 -1.70 0.00	40.21 -2.34 0.00	42.29 -3.62 0.00	36.13 -2.60 0.00	39.65 -2.21 0.00	49.44 -2.39 0.00	67.67 -3.99 0.00	61.22 -4.44 0.00	61.40 -5.51 3.06	64.11 -5.70 1.61	50.02 -4.82 10.33	50.21 -4.20 -2.00	98.54 -8.94 11.78	63.08 -5.53 4.90	55.63 -4.92 -0.36	45.81 -4.03 0.00	45.50 -3.99 0.00	37.39 -3.09 0.00	35.42 -2.14 0.00
NIAGARA___115KV_198_GIBSON 55903	51.26 -0.67 0.00	42.68 -1.03 0.00	39.01 -1.29 0.00	28.19 -1.25 0.00	25.69 -1.47 0.00	26.86 -1.93 0.00	39.87 -2.69 0.00	41.81 -4.10 0.00	35.73 -3.01 0.00	39.21 -2.65 0.00	48.80 -3.03 0.00	66.55 -5.13 0.00	60.09 -5.56 0.00	60.14 -6.77 3.06	62.96 -6.84 1.63	48.91 -5.91 10.35	49.35 -5.04 -1.99	96.47 -11.00 11.80	61.81 -6.78 4.92	54.63 -5.91 -0.35	45.01 -4.83 0.02	44.71 -4.79 0.00	36.81 -3.66 0.00	35.05 -2.51 0.00
NIAGARA____ 23760	51.64 -0.28 0.00	42.98 -0.74 0.00	39.29 -1.00 0.00	28.40 -1.05 0.00	25.90 -1.25 0.00	27.09 -1.70 0.00	40.21 -2.34 0.00	42.29 -3.62 0.00	36.13 -2.60 0.00	39.65 -2.21 0.00	49.44 -2.39 0.00	67.68 -3.99 0.00	61.22 -4.44 0.00	62.76 -5.51 1.71	64.12 -5.70 1.60	54.31 -4.82 6.04	50.59 -4.20 -2.38	104.28 -8.94 6.04	66.12 -5.53 1.85	55.63 -4.92 -0.36	45.81 -4.03 0.01	45.50 -3.99 0.00	37.39 -3.09 0.00	35.42 -2.14 0.00
NINE_MILE_1 23575	50.60 -1.32 0.00	42.55 -1.16 0.00	39.19 -1.11 0.00	28.59 -0.85 0.00	26.33 -0.82 0.00	27.86 -0.93 0.00	41.23 -1.32 0.00	44.42 -1.49 0.00	37.49 -1.25 0.00	40.53 -1.33 0.00	50.21 -1.62 0.00	69.47 -2.19 0.00	63.55 -2.11 0.00	67.67 -2.31 0.00	69.04 -2.38 0.00	63.08 -2.09 0.00	50.70 -1.71 0.00	115.42 -3.84 0.00	71.24 -2.27 0.00	50.54 -1.80 7.85	24.55 -1.44 23.86	21.25 -1.38 26.86	22.20 -1.15 17.13	21.97 -1.06 14.53
NINE_MILE_2 23744	50.60 -1.32 0.00	42.55 -1.16 0.00	39.19 -1.11 0.00	28.59 -0.85 0.00	26.33 -0.82 0.00	27.86 -0.93 0.00	41.23 -1.32 0.00	44.42 -1.49 0.00	37.49 -1.25 0.00	40.53 -1.33 0.00	50.21 -1.62 0.00	69.47 -2.19 0.00	63.55 -2.11 0.00	67.67 -2.31 0.00	69.04 -2.38 0.00	63.08 -2.09 0.00	50.70 -1.71 0.00	115.42 -3.84 0.00	71.24 -2.27 0.00	50.42 -1.80 7.97	24.19 -1.44 24.22	20.85 -1.38 27.27	21.95 -1.15 17.38	21.75 -1.05 14.75
NM_CAPITAL___DRP 24208	53.62 1.69 0.00	45.27 1.56 0.00	41.77 1.47 0.00	30.57 1.12 0.00	28.20 1.06 0.00	29.89 1.10 0.00	44.06 1.51 0.00	47.69 1.79 0.00	40.22 1.49 0.00	43.44 1.58 0.00	53.74 1.91 0.00	74.20 2.53 0.00	68.31 2.65 0.00	73.06 3.08 0.00	74.45 3.03 0.00	85.89 2.83 -17.89	116.91 2.27 -62.24	267.29 4.97 -143.05	822.42 3.24 -745.67	324.33 2.49 -261.65	207.45 1.67 -155.93	86.02 1.63 -34.89	41.74 1.26 0.00	38.69 1.13 0.00
NM_CENTRAL___DRP 24181	51.98 0.05 0.00	43.67 -0.04 0.00	40.19 -0.11 0.00	29.28 -0.17 0.00	26.96 -0.19 0.00	28.51 -0.28 0.00	42.22 -0.33 0.00	45.52 -0.39 0.00	38.49 -0.24 0.00	41.68 -0.18 0.00	51.73 -0.10 0.00	71.66 0.00 0.00	65.60 -0.06 0.00	69.86 -0.12 0.00	71.33 -0.10 0.00	65.19 0.02 0.00	52.37 -0.03 0.00	119.00 -0.26 0.00	73.40 -0.10 0.00	60.78 -0.13 -0.71	51.89 -0.13 -2.16	51.86 -0.07 -2.43	41.90 -0.13 -1.55	38.75 -0.12 -1.32

NM_FRONTIER___DRP 24179	51.26 -0.67 0.00	42.68 -1.03 0.00	39.01 -1.29 0.00	28.19 -1.25 0.00	25.69 -1.47 0.00	26.86 -1.93 0.00	39.87 -2.69 0.00	41.81 -4.10 0.00	35.73 -3.01 0.00	39.21 -2.65 0.00	48.80 -3.03 0.00	66.55 -5.13 0.00	60.09 -5.56 0.00	60.14 -6.77 3.06	62.96 -6.84 1.63	48.91 -5.91 10.35	49.35 -5.04 -1.99	96.47 -11.00 11.80	61.81 -6.78 4.92	54.63 -5.91 -0.35	45.01 -4.83 0.02	44.71 -4.79 0.00	36.81 -3.66 0.00	35.05 -2.51 0.00
NM_ST_REGIS___HYD 24053	49.81 -2.12 0.00	41.62 -2.09 0.00	38.43 -1.86 0.00	28.12 -1.32 0.00	26.03 -1.12 0.00	27.83 -0.96 0.00	41.10 -1.45 0.00	44.26 -1.65 0.00	37.28 -1.45 0.00	40.24 -1.62 0.00	49.80 -2.03 0.00	69.01 -2.66 0.00	63.20 -2.46 0.00	67.17 -2.81 0.00	68.17 -3.25 0.00	59.56 -3.27 2.35	49.57 -2.84 0.00	113.71 -5.56 0.00	70.18 -3.33 0.00	58.36 -2.05 -0.22	49.30 -1.22 -0.67	49.18 -1.08 -0.76	40.09 -0.88 -0.49	37.23 -0.74 -0.41
NORTHPORT___1 23551	55.05 3.19 0.07	46.76 3.05 0.00	43.48 3.19 0.00	31.77 2.33 0.00	29.25 2.10 0.00	30.83 2.04 0.00	45.70 3.14 0.00	48.15 3.29 1.04	41.87 3.14 0.00	38.98 3.45 6.33	55.71 4.24 0.36	76.01 5.31 0.97	69.81 4.94 0.79	74.31 5.26 0.93	76.40 5.96 0.99	75.93 5.88 -4.87	46.00 4.87 11.28	145.03 11.03 -14.74	189.23 6.49 -109.24	101.95 4.47 -37.29	69.56 2.56 -17.15	30.48 2.54 21.55	48.10 2.64 -4.98	37.43 2.39 2.51
NORTHPORT___2 23552	52.85 3.19 2.27	46.76 3.05 0.00	43.48 3.19 0.00	31.77 2.33 0.00	29.25 2.10 0.00	30.83 2.04 0.00	45.70 3.14 0.00	48.15 3.29 1.04	41.87 3.14 0.00	38.98 3.45 6.33	43.94 4.24 12.13	43.84 5.31 33.14	43.76 4.94 26.84	43.59 5.26 31.65	43.70 5.96 33.69	43.78 5.88 27.28	20.37 4.87 36.91	21.43 11.03 108.86	19.55 6.49 60.45	19.55 4.47 45.11	19.55 2.56 32.86	19.52 2.54 32.51	21.53 2.64 21.59	35.59 2.39 4.35
NORTHPORT___3 23553	52.70 3.04 2.27	46.77 3.06 0.00	43.49 3.19 0.00	31.79 2.35 0.00	29.27 2.12 0.00	30.86 2.07 0.00	45.69 3.13 0.00	48.10 3.23 1.04	41.81 3.08 0.00	38.91 3.39 6.34	43.88 4.17 12.12	43.87 5.34 33.14	43.87 5.06 26.85	43.87 5.54 31.65	43.87 6.13 33.68	43.87 5.98 27.28	20.51 5.01 36.91	21.66 11.25 108.85	19.51 6.44 60.44	19.61 4.52 45.10	19.69 2.70 32.86	19.68 2.71 32.52	21.50 2.61 21.59	35.61 2.41 4.36
NORTHPORT___4 23650	52.70 3.04 2.27	46.77 3.06 0.00	43.49 3.19 0.00	31.79 2.35 0.00	29.27 2.12 0.00	30.86 2.07 0.00	45.69 3.13 0.00	48.10 3.23 1.04	41.81 3.08 0.00	38.91 3.39 6.34	43.88 4.17 12.12	43.87 5.34 33.14	43.87 5.06 26.85	43.87 5.54 31.65	43.87 6.13 33.68	43.87 5.98 27.28	20.51 5.01 36.91	21.66 11.25 108.85	19.51 6.44 60.44	19.61 4.52 45.10	19.69 2.70 32.86	19.68 2.71 32.52	21.50 2.61 21.59	35.61 2.41 4.36
NORTHPORT___IC 23718	52.86 3.20 2.27	46.76 3.05 0.00	43.48 3.19 0.00	31.77 2.33 0.00	29.25 2.10 0.00	30.83 2.04 0.00	45.69 3.14 0.00	48.15 3.29 1.04	41.88 3.14 0.00	38.98 3.45 6.33	43.95 4.24 12.13	43.83 5.31 33.14	43.75 4.94 26.84	43.59 5.26 31.65	43.70 5.97 33.69	43.78 5.89 27.28	20.37 4.87 36.91	21.45 11.04 108.86	19.54 6.48 60.45	19.55 4.47 45.11	19.55 2.57 32.86	19.52 2.54 32.51	21.52 2.64 21.59	35.59 2.39 4.35
NORTH___COUNTRY_ESR 323785	50.61 -1.32 0.00	42.28 -1.43 0.00	39.15 -1.14 0.00	28.73 -0.71 0.00	26.61 -0.55 0.00	28.44 -0.35 0.00	41.89 -0.66 0.00	45.09 -0.82 0.00	37.96 -0.78 0.00	40.98 -0.88 0.00	50.76 -1.08 0.00	70.24 -1.43 0.00	64.34 -1.32 0.00	68.18 -1.80 0.00	68.61 -2.81 0.00	59.38 -3.00 2.79	49.26 -3.15 0.00	114.43 -4.83 0.00	70.92 -2.58 0.00	59.21 -0.99 0.00	49.03 -0.83 0.00	48.68 -0.82 0.00	39.77 -0.71 0.00	36.93 -0.63 0.00
NPX_GEN_1385_PROXY 323591	54.79 3.33 0.47	46.47 2.76 0.00	42.94 2.64 0.00	31.13 1.69 0.00	28.53 1.38 0.00	30.24 1.44 0.00	44.41 2.39 0.54	49.10 2.98 -0.21	42.17 3.44 0.00	39.23 3.70 6.33	64.17 5.81 -6.53	72.10 7.27 6.84	66.89 6.77 5.54	70.40 6.95 6.53	95.39 8.06 -15.90	71.70 7.51 0.99	42.39 5.93 15.95	125.22 13.74 7.79	183.88 8.66 -101.72	88.33 5.86 -22.27	61.14 3.25 -8.04	28.63 2.68 23.55	44.06 3.45 -0.14	37.47 2.76 2.85
NPX_GEN_CSC 323557	55.86 3.94 0.00	47.27 3.56 0.00	43.86 3.56 0.00	32.00 2.56 0.00	29.43 2.28 0.00	31.01 2.22 0.00	45.55 3.53 0.54	51.08 3.92 -1.25	42.39 3.66 0.00	45.97 4.11 0.00	56.95 5.12 0.00	78.26 6.60 0.00	71.43 5.77 0.00	76.08 6.10 0.00	78.54 7.12 0.00	78.10 7.09 -5.85	78.54 5.80 -20.34	166.53 13.22 -34.05	195.59 7.71 -114.37	105.42 5.45 -39.78	76.04 3.31 -22.88	57.80 3.18 -5.12	49.48 3.22 -5.79	40.33 2.77 0.00
NSINS_S_GLNS_FALLS 23858	55.27 3.34 0.00	46.44 2.73 0.00	42.78 2.49 0.00	31.32 1.87 0.00	29.13 1.98 0.00	30.96 2.17 0.00	45.79 3.23 0.00	49.50 3.60 0.00	41.89 3.15 0.00	45.33 3.47 0.00	56.01 4.18 0.00	77.55 5.88 0.00	71.27 5.61 0.00	76.23 6.25 0.00	77.60 6.17 0.00	97.41 5.95 -26.30	148.77 4.86 -91.51	353.38 11.45 -222.67	1302.71 7.13 -1222.07	494.84 5.48 -429.16	311.02 4.62 -256.55	111.42 4.52 -57.41	43.88 3.40 0.00	40.43 2.87 0.00
NUCOR_STEEL___DRP 24197	52.72 0.80 0.00	44.39 0.67 0.00	40.84 0.54 0.00	29.74 0.30 0.00	27.28 0.12 0.00	28.89 0.10 0.00	42.88 0.32 0.00	46.17 0.27 0.00	39.03 0.30 0.00	42.19 0.33 0.00	52.38 0.55 0.00	72.66 0.99 0.00	66.16 0.49 0.00	70.67 0.69 0.00	72.15 0.73 0.00	66.15 0.98 0.00	52.86 0.45 0.00	120.26 1.00 0.00	74.26 0.75 0.00	61.96 0.58 -1.19	54.10 0.65 -3.61	54.13 0.57 -4.06	43.56 0.49 -2.59	40.06 0.31 -2.20
NUMBER_THREE_WT_PWR 323818	52.84 0.91 0.00	44.50 0.79 0.00	41.14 0.84 0.00	30.02 0.58 0.00	27.71 0.56 0.00	29.45 0.66 0.00	43.57 1.02 0.00	46.96 1.05 0.00	39.65 0.92 0.00	42.67 0.81 0.00	52.62 0.80 0.00	73.66 1.99 0.00	67.45 1.79 0.00	71.87 1.89 0.00	73.28 1.86 0.00	66.41 1.82 0.58	54.15 1.75 0.00	123.48 4.22 0.00	75.73 2.22 0.00	62.37 1.61 -0.57	53.06 1.47 -1.73	52.95 1.51 -1.95	42.73 1.01 -1.24	39.39 0.78 -1.05
NYISO_LBMP_REFERENCE 24008	51.92 0.00 0.00	43.71 0.00 0.00	40.30 0.00 0.00	29.44 0.00 0.00	27.15 0.00 0.00	28.79 0.00 0.00	42.55 0.00 0.00	45.91 0.00 0.00	38.73 0.00 0.00	41.86 0.00 0.00	51.83 0.00 0.00	71.67 0.00 0.00	65.66 0.00 0.00	69.98 0.00 0.00	71.42 0.00 0.00	65.17 0.00 0.00	52.41 0.00 0.00	119.26 0.00 0.00	73.51 0.00 0.00	60.19 0.00 0.00	49.85 0.00 0.00	49.50 0.00 0.00	40.48 0.00 0.00	37.56 0.00 0.00
NYPA_BRENTWD____GT 24164	56.26 4.33 0.00	47.64 3.93 0.00	44.23 3.93 0.00	32.28 2.84 0.00	29.72 2.57 0.00	31.33 2.54 0.00	46.51 3.96 0.00	50.20 4.29 0.00	42.77 4.04 0.00	46.31 4.45 0.00	57.11 5.28 0.00	78.04 6.37 0.00	71.53 5.87 0.00	76.24 6.26 0.00	78.46 7.04 0.00	77.95 6.93 -5.85	78.50 5.76 -20.34	166.34 13.03 -34.05	195.60 7.72 -114.37	105.43 5.46 -39.78	76.07 3.34 -22.88	57.94 3.32 -5.12	49.82 3.55 -5.79	40.78 3.22 0.00

NYPA_GOWANUS____GT5 24156	55.87 3.94 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.45 4.60 0.00	57.46 5.64 0.00	79.19 7.53 0.00	72.76 7.10 0.00	77.55 7.57 0.00	79.21 7.79 0.00	77.91 6.89 -5.85	78.32 5.57 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.53 5.54 -39.80	81.67 4.03 -27.79	58.52 3.86 -5.16	43.83 3.35 0.00	40.89 3.33 0.00
NYPA_GOWANUS____GT6 24157	55.87 3.94 0.00	47.30 3.59 0.00	43.78 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.31 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.01 4.28 0.00	46.45 4.60 0.00	57.46 5.64 0.00	79.19 7.53 0.00	72.76 7.10 0.00	77.55 7.57 0.00	79.21 7.79 0.00	77.91 6.89 -5.85	78.32 5.57 -20.35	165.32 11.99 -34.06	194.75 6.83 -114.41	105.53 5.54 -39.80	81.67 4.03 -27.79	58.52 3.86 -5.16	43.83 3.35 0.00	40.89 3.33 0.00
NYPA_HARLEM__RVR__GT1 24160	55.88 3.95 0.00	47.27 3.56 0.00	43.61 3.31 0.00	31.99 2.55 0.00	29.50 2.35 0.00	31.17 2.38 0.00	46.17 3.61 0.00	50.04 4.14 0.00	42.79 4.06 0.00	46.31 4.45 0.00	57.24 5.41 0.00	78.85 7.18 0.00	72.46 6.80 0.00	77.19 7.21 0.00	78.90 7.48 0.00	77.94 6.92 -5.85	78.44 5.68 -20.35	165.70 12.36 -34.07	194.89 6.96 -114.42	105.36 5.37 -39.80	76.64 3.90 -22.90	58.31 3.69 -5.12	43.69 3.21 0.00	40.77 3.21 0.00
NYPA_HARLEM__RVR__GT2 24161	55.88 3.95 0.00	47.27 3.56 0.00	43.61 3.31 0.00	31.99 2.55 0.00	29.50 2.35 0.00	31.17 2.38 0.00	46.17 3.61 0.00	50.04 4.14 0.00	42.79 4.06 0.00	46.31 4.45 0.00	57.24 5.41 0.00	78.85 7.18 0.00	72.46 6.80 0.00	77.19 7.21 0.00	78.90 7.48 0.00	77.94 6.92 -5.85	78.44 5.68 -20.35	165.70 12.36 -34.07	194.89 6.96 -114.42	105.36 5.37 -39.80	76.64 3.90 -22.90	58.31 3.69 -5.12	43.69 3.21 0.00	40.77 3.21 0.00
NYPA_KENT____GT 24152	55.82 3.90 0.00	47.28 3.56 0.00	43.72 3.42 0.00	32.01 2.57 0.00	29.52 2.37 0.00	31.25 2.46 0.00	46.30 3.75 0.00	50.21 4.31 0.00	42.95 4.22 0.00	46.41 4.55 0.00	57.37 5.55 0.00	78.99 7.32 0.00	72.58 6.91 0.00	77.33 7.36 0.00	79.00 7.58 0.00	77.85 6.83 -5.85	78.30 5.55 -20.35	165.32 11.99 -34.06	194.74 6.82 -114.41	105.37 5.38 -39.80	79.23 3.90 -25.49	58.38 3.74 -5.14	43.73 3.25 0.00	40.80 3.24 0.00
NYPA_POUCH1____GT 24155	55.64 3.72 0.00	47.11 3.40 0.00	43.71 3.41 0.00	32.03 2.59 0.00	29.50 2.34 0.00	31.21 2.42 0.00	46.21 3.66 0.00	50.06 4.16 0.00	42.87 4.14 0.00	44.76 4.39 1.49	57.21 5.38 0.00	78.92 7.25 0.00	72.51 6.85 0.00	77.28 7.30 0.00	78.92 7.50 0.00	77.69 6.67 -5.85	78.16 5.40 -20.35	165.09 11.76 -34.06	194.66 6.74 -114.41	105.56 5.57 -39.80	81.66 4.02 -27.79	58.46 3.81 -5.16	43.75 3.27 0.00	40.81 3.24 0.00
NYPA_VERNON____GT2 24162	55.82 3.90 0.00	47.24 3.53 0.00	43.65 3.35 0.00	31.95 2.51 0.00	29.47 2.33 0.00	31.20 2.41 0.00	46.23 3.67 0.00	50.16 4.26 0.00	42.89 4.16 0.00	46.39 4.53 0.00	57.35 5.52 0.00	78.85 7.18 0.00	72.44 6.78 0.00	77.18 7.20 0.00	78.86 7.44 0.00	77.85 6.83 -5.85	78.32 5.57 -20.35	165.43 12.10 -34.06	194.79 6.87 -114.41	105.28 5.29 -39.79	76.84 3.80 -23.19	58.27 3.65 -5.13	43.66 3.17 0.00	40.74 3.18 0.00
NYPA_VERNON____GT3 24163	55.82 3.90 0.00	47.24 3.53 0.00	43.65 3.35 0.00	31.95 2.51 0.00	29.47 2.33 0.00	31.20 2.41 0.00	46.23 3.67 0.00	50.16 4.26 0.00	42.89 4.16 0.00	46.39 4.53 0.00	57.35 5.52 0.00	78.85 7.18 0.00	72.44 6.78 0.00	77.18 7.20 0.00	78.86 7.44 0.00	77.85 6.83 -5.85	78.32 5.57 -20.35	165.43 12.10 -34.06	194.79 6.87 -114.41	105.28 5.29 -39.79	76.84 3.80 -23.19	58.27 3.65 -5.13	43.66 3.17 0.00	40.74 3.18 0.00
NYPA____ASTORIA_CC1 323568	55.76 3.83 0.00	47.19 3.47 0.00	43.59 3.29 0.00	31.91 2.47 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.16 3.60 0.00	50.08 4.17 0.00	42.82 4.09 0.00	46.31 4.45 0.00	57.22 5.40 0.00	78.69 7.02 0.00	72.31 6.65 0.00	77.04 7.06 0.00	78.72 7.29 0.00	77.73 6.71 -5.85	78.24 5.48 -20.35	165.21 11.88 -34.06	194.65 6.73 -114.41	105.16 5.17 -39.79	75.80 3.70 -22.25	58.18 3.56 -5.12	43.61 3.12 0.00	40.68 3.12 0.00
NYPA____ASTORIA_CC2 323569	55.76 3.83 0.00	47.19 3.47 0.00	43.59 3.29 0.00	31.91 2.47 0.00	29.43 2.28 0.00	31.15 2.36 0.00	46.16 3.60 0.00	50.08 4.17 0.00	42.82 4.09 0.00	46.31 4.45 0.00	57.22 5.40 0.00	78.69 7.02 0.00	72.31 6.65 0.00	77.04 7.06 0.00	78.72 7.29 0.00	77.73 6.71 -5.85	78.24 5.48 -20.35	165.21 11.88 -34.06	194.65 6.73 -114.41	105.16 5.17 -39.79	75.80 3.70 -22.25	58.18 3.56 -5.12	43.61 3.12 0.00	40.68 3.12 0.00
NYPA____HOLTSVILL 23794	55.80 3.88 0.00	47.32 3.61 0.00	43.94 3.64 0.00	32.07 2.63 0.00	29.52 2.37 0.00	31.12 2.33 0.00	46.21 3.65 0.00	49.88 3.98 0.00	42.41 3.68 0.00	45.93 4.08 0.00	56.85 5.02 0.00	78.10 6.44 0.00	71.45 5.79 0.00	76.09 6.11 0.00	78.37 6.95 0.00	77.89 6.87 -5.85	78.41 5.67 -20.34	166.19 12.87 -34.05	195.40 7.52 -114.37	105.29 5.32 -39.78	75.95 3.23 -22.88	57.78 3.16 -5.12	49.44 3.18 -5.79	40.39 2.83 0.00
NYPA____HELLGATE_GT1 24158	55.89 3.96 0.00	47.27 3.56 0.00	43.61 3.31 0.00	31.99 2.55 0.00	29.50 2.35 0.00	31.17 2.38 0.00	46.17 3.61 0.00	50.04 4.14 0.00	42.79 4.06 0.00	46.31 4.45 0.00	57.24 5.41 0.00	78.85 7.18 0.00	72.46 6.80 0.00	77.19 7.21 0.00	78.90 7.48 0.00	77.94 6.92 -5.85	78.44 5.68 -20.35	165.70 12.36 -34.07	194.89 6.96 -114.42	105.36 5.37 -39.80	76.64 3.90 -22.90	58.31 3.69 -5.12	43.69 3.21 0.00	40.77 3.21 0.00
NYPA____HELLGATE_GT2 24159	55.89 3.96 0.00	47.27 3.56 0.00	43.61 3.31 0.00	31.99 2.55 0.00	29.50 2.35 0.00	31.17 2.38 0.00	46.17 3.61 0.00	50.04 4.14 0.00	42.79 4.06 0.00	46.31 4.45 0.00	57.24 5.41 0.00	78.85 7.18 0.00	72.46 6.80 0.00	77.19 7.21 0.00	78.90 7.48 0.00	77.94 6.92 -5.85	78.44 5.68 -20.35	165.70 12.36 -34.07	194.89 6.96 -114.42	105.36 5.37 -39.80	76.64 3.90 -22.90	58.31 3.69 -5.12	43.69 3.21 0.00	40.77 3.21 0.00
NYS_BARGE____HYD 23848	52.26 0.34 0.00	43.51 -0.20 0.00	39.73 -0.56 0.00	28.68 -0.76 0.00	26.14 -1.01 0.00	27.35 -1.45 0.00	40.64 -1.91 0.00	42.76 -3.14 0.00	36.54 -2.19 0.00	40.08 -1.78 0.00	49.93 -1.90 0.00	68.45 -3.22 0.00	61.85 -3.82 0.00	76.58 -4.83 -11.43	65.11 -5.12 1.20	81.75 -4.19 -20.77	53.57 -3.71 -4.88	146.33 -7.77 -34.84	93.12 -4.85 -24.46	56.25 -4.32 -0.38	46.38 -3.48 -0.02	46.01 -3.49 0.00	37.79 -2.70 0.00	35.73 -1.83 0.00
OAK ORCHARD____HYD 24046	52.86 0.94 0.00	44.13 0.42 0.00	40.43 0.13 0.00	29.32 -0.12 0.00	26.86 -0.29 0.00	28.28 -0.51 0.00	41.99 -0.56 0.00	44.77 -1.14 0.00	38.11 -0.62 0.00	41.59 -0.27 0.00	51.79 -0.04 0.00	71.46 -0.21 0.00	64.82 -0.84 0.00	69.94 -1.17 -1.13	70.11 -1.35 -0.03	64.48 -1.03 -0.34	51.38 -1.09 -0.07	118.41 -2.05 -1.19	74.51 -1.29 -2.29	58.81 -1.38 0.00	48.66 -1.20 0.00	48.41 -1.09 0.00	39.60 -0.88 0.00	37.04 -0.52 0.00

OAKDALE___35_KV_LOAD 356122	53.11 1.18 0.00	44.61 0.89 0.00	41.06 0.76 0.00	29.86 0.41 0.00	27.51 0.36 0.00	29.01 0.22 0.00	43.01 0.46 0.00	46.45 0.54 0.00	39.35 0.62 0.00	42.85 0.99 0.00	53.22 1.39 0.00	73.48 1.81 0.00	67.11 1.44 0.00	71.27 1.29 0.00	72.69 1.27 0.00	70.42 1.25 -4.01	60.84 1.04 -7.40	137.18 2.71 -15.21	124.86 1.44 -49.92	79.02 0.91 -17.91	62.04 0.54 -11.65	54.02 0.56 -3.96	42.02 0.46 -1.08	38.90 0.43 -0.92
OCC_CHEM___DRP 24175	51.37 -0.55 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.25 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.01 0.00	35.80 -2.94 0.00	39.28 -2.57 0.00	48.88 -2.95 0.00	66.70 -4.97 0.00	60.23 -5.43 0.00	59.98 -6.62 3.38	63.09 -6.69 1.64	48.60 -5.79 10.78	49.40 -4.95 -1.94	95.96 -10.79 12.51	61.32 -6.64 5.55	54.74 -5.80 -0.35	45.10 -4.73 0.02	44.81 -4.69 0.00	36.90 -3.58 0.00	35.13 -2.44 0.00
OH_GEN_PROXY 24063	51.65 -0.27 0.00	43.00 -0.71 0.00	39.31 -0.98 0.00	28.41 -1.03 0.00	25.92 -1.23 0.00	27.13 -1.66 0.00	39.74 -2.28 0.54	43.68 -3.48 -1.25	36.25 -2.49 0.00	39.78 -2.08 0.00	49.61 -2.22 0.00	67.93 -3.73 0.00	61.45 -4.21 0.00	62.19 -5.24 2.55	64.55 -5.43 1.45	51.31 -4.61 9.25	50.52 -4.01 -2.12	44.44 -8.49 66.33	12.12 -5.30 56.09	55.82 -4.74 -0.36	45.95 -3.90 0.00	30.34 -3.86 15.30	20.55 -2.98 16.95	35.47 -2.09 0.00
OLIN_CORP_DRP 24177	51.56 -0.36 0.00	42.93 -0.78 0.00	39.22 -1.08 0.00	28.33 -1.11 0.00	25.82 -1.33 0.00	27.00 -1.79 0.00	40.09 -2.46 0.00	42.11 -3.80 0.00	35.98 -2.75 0.00	39.49 -2.37 0.00	49.20 -2.63 0.00	67.40 -4.27 0.00	60.97 -4.69 0.00	67.26 -5.88 -3.16	63.74 -6.11 1.57	70.29 -5.23 -10.35	51.83 -4.47 -3.90	126.79 -9.77 -17.30	75.25 -6.02 -7.77	55.39 -5.18 -0.38	45.66 -4.20 0.00	45.35 -4.15 0.00	37.28 -3.20 0.00	35.29 -2.27 0.00
OLIN_CORP_DSASP 323712	51.38 -0.54 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.24 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.00 0.00	35.79 -2.94 0.00	39.28 -2.58 0.00	48.87 -2.96 0.00	66.69 -4.98 0.00	60.21 -5.45 0.00	59.97 -6.63 3.38	63.08 -6.70 1.64	48.67 -5.71 10.78	49.42 -4.93 -1.94	96.14 -10.62 12.51	61.40 -6.56 5.55	54.75 -5.79 -0.35	45.13 -4.71 0.02	44.82 -4.67 0.00	36.88 -3.60 0.00	35.13 -2.43 0.00
ONEIDA_HERK_LFGE 323681	53.46 1.53 0.00	44.98 1.27 0.00	41.49 1.20 0.00	30.28 0.83 0.00	27.93 0.78 0.00	29.63 0.84 0.00	43.88 1.32 0.00	47.34 1.44 0.00	40.00 1.26 0.00	43.18 1.32 0.00	53.39 1.55 0.00	74.21 2.54 0.00	68.06 2.40 0.00	72.63 2.65 0.00	74.01 2.59 0.00	67.42 2.43 0.18	54.64 2.24 0.00	124.52 5.25 0.00	76.38 2.88 0.00	62.73 2.23 -0.30	52.64 1.87 -0.92	52.37 1.85 -1.04	42.49 1.35 -0.66	39.24 1.12 -0.56
ONEIDA___115KV_TB4 55905	54.17 2.25 0.00	45.52 1.80 0.00	41.91 1.61 0.00	30.55 1.11 0.00	28.16 1.01 0.00	29.83 1.04 0.00	44.22 1.66 0.00	47.71 1.80 0.00	40.32 1.59 0.00	43.64 1.79 0.00	54.03 2.20 0.00	74.83 3.16 0.00	68.76 3.09 0.00	73.44 3.46 0.00	74.72 3.30 0.00	68.30 3.13 0.00	55.31 2.91 0.00	126.03 6.77 0.00	77.18 3.67 0.00	63.49 2.91 -0.39	53.43 2.38 -1.19	53.17 2.33 -1.34	43.08 1.74 -0.86	39.77 1.49 -0.73
ONONDAGA_REF_OCCRA 23987	52.18 0.26 0.00	43.83 0.12 0.00	40.34 0.05 0.00	29.38 -0.06 0.00	27.05 -0.10 0.00	28.60 -0.19 0.00	42.36 -0.19 0.00	45.70 -0.21 0.00	38.63 -0.10 0.00	41.84 -0.02 0.00	51.95 0.12 0.00	72.02 0.35 0.00	65.95 0.29 0.00	70.25 0.27 0.00	71.77 0.34 0.00	65.59 0.42 0.00	52.67 0.27 0.00	119.69 0.42 0.00	73.80 0.30 0.00	61.29 0.22 -0.88	52.65 0.13 -2.67	52.68 0.18 -3.00	42.48 0.08 -1.91	39.27 0.08 -1.63
ONONDAGA___COGEN 23986	51.98 0.06 0.00	43.73 0.01 0.00	40.23 -0.06 0.00	29.30 -0.15 0.00	26.95 -0.20 0.00	28.49 -0.30 0.00	42.22 -0.34 0.00	45.52 -0.38 0.00	38.48 -0.26 0.00	41.59 -0.27 0.00	51.58 -0.25 0.00	71.51 -0.16 0.00	65.42 -0.24 0.00	69.70 -0.27 0.00	71.22 -0.20 0.00	65.13 -0.04 0.00	52.26 -0.14 0.00	118.80 -0.47 0.00	73.34 -0.17 0.00	61.35 -0.13 -1.29	53.67 -0.10 -3.92	53.87 -0.03 -4.41	43.25 -0.05 -2.81	39.97 0.02 -2.38
ONTARIO___LFGE 23819	53.39 1.46 0.00	44.58 0.87 0.00	40.87 0.58 0.00	29.70 0.26 0.00	27.25 0.10 0.00	28.60 -0.19 0.00	42.53 -0.03 0.00	45.77 -0.14 0.00	38.87 0.14 0.00	42.33 0.47 0.00	52.63 0.81 0.00	72.83 1.17 0.00	66.45 0.79 0.00	70.55 0.57 0.00	73.46 0.80 -1.24	66.46 1.29 0.00	52.88 0.48 0.00	120.90 1.63 0.00	74.62 1.11 0.00	61.30 0.68 -0.43	51.62 0.46 -1.31	51.50 0.53 -1.48	41.69 0.27 -0.94	38.57 0.21 -0.80
ORANGEVILLE_WT_PWR 323706	53.01 1.08 0.00	44.17 0.46 0.00	40.39 0.09 0.00	29.11 -0.33 0.00	26.40 -0.75 0.00	27.42 -1.38 0.00	40.69 -1.86 0.00	43.45 -2.46 0.00	37.12 -1.62 0.00	40.80 -1.06 0.00	51.07 -0.76 0.00	70.43 -1.25 0.00	63.72 -1.94 0.00	67.13 -3.09 -0.25	61.32 -3.21 6.90	77.04 -2.07 -13.94	55.35 -1.78 -4.73	134.96 -3.46 -19.15	73.44 -2.22 -2.15	58.45 -2.20 -0.46	48.09 -1.77 0.00	47.72 -1.78 0.00	39.02 -1.46 0.00	36.43 -1.13 0.00
ORANGEVILLE___ESR 323794	53.01 1.08 0.00	44.17 0.46 0.00	40.39 0.09 0.00	29.11 -0.33 0.00	26.40 -0.75 0.00	27.42 -1.38 0.00	40.69 -1.86 0.00	43.45 -2.46 0.00	37.12 -1.62 0.00	40.80 -1.06 0.00	51.07 -0.76 0.00	70.43 -1.25 0.00	63.72 -1.94 0.00	67.13 -3.09 -0.25	61.32 -3.21 6.90	77.04 -2.07 -13.94	55.35 -1.78 -4.73	134.96 -3.46 -19.15	73.44 -2.22 -2.15	58.45 -2.20 -0.46	48.09 -1.77 0.00	47.72 -1.78 0.00	39.02 -1.46 0.00	36.43 -1.13 0.00
OSWEGATCHIE___HYD 24044	51.11 -0.81 0.00	42.96 -0.75 0.00	39.73 -0.57 0.00	29.02 -0.42 0.00	26.80 -0.35 0.00	28.51 -0.28 0.00	42.16 -0.39 0.00	45.48 -0.43 0.00	38.41 -0.32 0.00	41.43 -0.43 0.00	51.19 -0.64 0.00	71.35 -0.32 0.00	65.23 -0.43 0.00	69.51 -0.47 0.00	70.74 -0.68 0.00	62.99 -0.68 1.50	51.97 -0.43 0.00	118.69 -0.57 0.00	72.82 -0.68 0.00	59.73 -0.94 -0.48	51.16 -0.15 -1.47	51.04 -0.10 -1.65	41.28 -0.25 -1.05	38.20 -0.26 -0.89
OSWEGO___5 23606	50.99 -0.93 0.00	42.87 -0.84 0.00	39.49 -0.81 0.00	28.80 -0.65 0.00	26.52 -0.63 0.00	28.06 -0.73 0.00	41.53 -1.02 0.00	44.73 -1.17 0.00	37.73 -1.00 0.00	40.75 -1.11 0.00	50.48 -1.35 0.00	69.86 -1.81 0.00	63.86 -1.80 0.00	67.99 -1.99 0.00	69.37 -2.05 0.00	63.38 -1.79 0.00	50.93 -1.47 0.00	116.01 -3.25 0.00	71.64 -1.87 0.00	64.69 -1.38 -5.88	66.65 -1.05 -17.85	68.61 -0.99 -20.10	52.46 -0.84 -12.81	47.67 -0.77 -10.87
OSWEGO___6 23613	50.99 -0.93 0.00	42.87 -0.84 0.00	39.49 -0.81 0.00	28.80 -0.65 0.00	26.52 -0.63 0.00	28.06 -0.73 0.00	41.53 -1.02 0.00	44.73 -1.17 0.00	37.73 -1.00 0.00	40.75 -1.11 0.00	50.48 -1.35 0.00	69.86 -1.81 0.00	63.86 -1.80 0.00	67.99 -1.99 0.00	69.37 -2.05 0.00	63.38 -1.79 0.00	50.93 -1.47 0.00	116.01 -3.25 0.00	71.64 -1.87 0.00	64.69 -1.38 -5.88	66.65 -1.05 -17.85	68.61 -0.99 -20.10	52.46 -0.84 -12.81	47.67 -0.77 -10.87

OUTOKUMPU-AB___DRP 24206	52.84 0.92 0.00	43.98 0.27 0.00	40.17 -0.13 0.00	28.97 -0.47 0.00	26.41 -0.74 0.00	27.62 -1.17 0.00	41.05 -1.51 0.00	43.23 -2.68 0.00	36.95 -1.78 0.00	40.49 -1.36 0.00	50.41 -1.42 0.00	69.03 -2.64 0.00	62.39 -3.28 0.00	72.74 -4.36 -7.12	65.33 -4.47 1.62	82.11 -3.66 -20.60	54.07 -3.26 -4.92	147.16 -6.92 -34.82	85.07 -4.29 -15.84	56.66 -3.94 -0.41	46.75 -3.13 -0.02	46.29 -3.21 0.00	38.13 -2.36 0.00	36.13 -1.43 0.00
OXBOW___BTM 323836	52.27 0.35 0.00	43.50 -0.21 0.00	39.73 -0.56 0.00	28.69 -0.75 0.00	26.14 -1.01 0.00	27.35 -1.45 0.00	40.61 -1.94 0.00	42.68 -3.23 0.00	36.45 -2.29 0.00	39.93 -1.93 0.00	49.56 -2.27 0.00	67.70 -3.97 0.00	61.16 -4.50 0.00	69.66 -5.65 -5.32	64.06 -5.75 1.61	74.36 -4.81 -13.99	52.51 -4.22 -4.32	137.03 -8.97 -26.73	80.11 -5.58 -12.18	55.61 -4.99 -0.40	45.86 -4.01 -0.02	45.46 -4.04 0.00	37.52 -2.96 0.00	35.72 -1.84 0.00
OXBOW___ 24026	52.27 0.34 0.00	43.50 -0.21 0.00	39.74 -0.56 0.00	28.69 -0.76 0.00	26.14 -1.01 0.00	27.34 -1.45 0.00	40.61 -1.94 0.00	42.68 -3.22 0.00	36.45 -2.28 0.00	39.93 -1.93 0.00	49.55 -2.28 0.00	67.72 -3.96 0.00	61.17 -4.50 0.00	69.64 -5.66 -5.32	64.05 -5.76 1.61	74.28 -4.88 -13.99	52.50 -4.23 -4.32	136.87 -9.12 -26.73	80.04 -5.65 -12.18	55.60 -5.00 -0.40	45.84 -4.03 -0.02	45.44 -4.06 0.00	37.54 -2.95 0.00	35.72 -1.84 0.00
OXY_CHEM_DSASP 323612	51.37 -0.55 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.25 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.01 0.00	35.80 -2.94 0.00	39.28 -2.57 0.00	48.88 -2.95 0.00	66.70 -4.97 0.00	60.23 -5.43 0.00	59.98 -6.62 3.38	63.09 -6.69 1.64	48.60 -5.79 10.78	49.40 -4.95 -1.94	95.96 -10.79 12.51	61.32 -6.64 5.55	54.74 -5.80 -0.35	45.10 -4.73 0.02	44.81 -4.69 0.00	36.90 -3.58 0.00	35.13 -2.44 0.00
OZONE_PARK_ESR 323760	56.59 4.66 0.00	47.77 4.06 0.00	44.11 3.81 0.00	32.26 2.82 0.00	29.76 2.61 0.00	31.50 2.71 0.00	46.66 4.11 0.00	50.65 4.74 0.00	43.33 4.60 0.00	46.89 5.03 0.00	58.06 6.23 0.00	80.00 8.33 0.00	73.52 7.86 0.00	78.31 8.33 0.00	80.03 8.61 0.00	79.06 8.04 -5.85	79.31 6.55 -20.35	167.81 14.48 -34.06	196.26 8.34 -114.41	106.35 6.36 -39.79	77.43 4.69 -22.89	59.17 4.55 -5.12	44.32 3.84 0.00	41.28 3.72 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	51.37 -0.55 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.25 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.01 0.00	35.80 -2.94 0.00	39.28 -2.57 0.00	48.88 -2.95 0.00	66.70 -4.97 0.00	60.23 -5.43 0.00	59.98 -6.62 3.38	63.09 -6.69 1.64	48.60 -5.79 10.78	49.40 -4.95 -1.94	95.96 -10.79 12.51	61.32 -6.64 5.55	54.74 -5.80 -0.35	45.10 -4.73 0.02	44.81 -4.69 0.00	36.90 -3.58 0.00	35.13 -2.44 0.00
PACKARD___115KV_DUPONT_184 80571	51.37 -0.55 0.00	42.77 -0.94 0.00	39.09 -1.21 0.00	28.25 -1.20 0.00	25.74 -1.42 0.00	26.91 -1.88 0.00	39.95 -2.60 0.00	41.90 -4.01 0.00	35.80 -2.94 0.00	39.28 -2.57 0.00	48.88 -2.95 0.00	66.70 -4.97 0.00	60.23 -5.43 0.00	59.98 -6.62 3.38	63.09 -6.69 1.64	48.60 -5.79 10.78	49.40 -4.95 -1.94	95.96 -10.79 12.51	61.32 -6.64 5.55	54.74 -5.80 -0.35	45.10 -4.73 0.02	44.81 -4.69 0.00	36.90 -3.58 0.00	35.13 -2.44 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	55.80 3.88 0.00	47.21 3.49 0.00	43.56 3.26 0.00	31.93 2.49 0.00	29.43 2.27 0.00	31.12 2.33 0.00	46.11 3.56 0.00	50.04 4.13 0.00	42.74 4.01 0.00	46.24 4.38 0.00	57.16 5.33 0.00	78.78 7.11 0.00	72.42 6.76 0.00	77.16 7.18 0.00	78.86 7.44 0.00	77.92 6.90 -5.85	78.39 5.63 -20.35	165.68 12.34 -34.07	194.91 6.99 -114.42	105.40 5.41 -39.79	76.63 3.88 -22.89	58.28 3.66 -5.12	43.65 3.16 0.00	40.70 3.14 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	56.70 4.78 0.00	47.91 4.19 0.00	44.20 3.91 0.00	32.43 2.98 0.00	29.86 2.72 0.00	31.60 2.81 0.00	46.82 4.27 0.00	50.80 4.89 0.00	43.34 4.61 0.00	46.83 4.97 0.00	57.92 6.09 0.00	79.82 8.15 0.00	73.30 7.64 0.00	78.25 8.27 0.00	79.91 8.49 0.00	78.86 7.84 -5.85	79.15 6.39 -20.35	167.24 13.90 -34.07	195.96 8.04 -114.42	106.27 6.28 -39.79	77.33 4.58 -22.89	58.94 4.32 -5.12	44.04 3.56 0.00	41.21 3.65 0.00
PATROON___115KV_TB1 80586	53.82 1.90 0.00	45.43 1.72 0.00	41.91 1.61 0.00	30.66 1.21 0.00	28.29 1.14 0.00	29.98 1.19 0.00	44.22 1.66 0.00	47.86 1.95 0.00	40.35 1.62 0.00	43.61 1.75 0.00	53.97 2.14 0.00	74.53 2.87 0.00	68.61 2.95 0.00	73.37 3.39 0.00	74.78 3.36 0.00	87.38 3.13 -19.08	121.31 2.52 -66.38	279.15 5.57 -154.32	890.26 3.67 -813.08	348.36 2.82 -285.35	221.93 1.91 -170.16	89.44 1.87 -38.08	41.91 1.43 0.00	38.84 1.28 0.00
PATTRSNVILLE___SOLAR 323815	54.69 2.76 0.00	46.07 2.36 0.00	42.44 2.15 0.00	31.01 1.57 0.00	28.60 1.45 0.00	30.33 1.53 0.00	44.81 2.26 0.00	48.29 2.38 0.00	40.72 1.99 0.00	43.95 2.09 0.00	54.26 2.43 0.00	75.11 3.44 0.00	68.82 3.16 0.00	73.51 3.53 0.00	74.99 3.56 0.00	95.91 3.35 -27.39	150.47 2.75 -95.32	359.73 7.02 -233.45	1366.43 4.59 -1288.33	516.23 3.58 -452.46	323.36 2.94 -270.57	112.94 2.90 -60.54	42.79 2.30 0.00	39.59 2.03 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	53.15 1.23 0.00	44.22 0.50 0.00	40.41 0.12 0.00	29.16 -0.28 0.00	26.62 -0.53 0.00	27.85 -0.94 0.00	41.43 -1.12 0.00	43.97 -1.94 0.00	37.64 -1.09 0.00	41.43 -0.43 0.00	51.79 -0.03 0.00	71.07 -0.60 -0.01	64.32 -1.34 0.00	69.01 -2.31 -1.34	67.31 -2.37 1.74	80.92 -1.94 -17.69	55.25 -1.92 -4.77	139.83 -3.80 -24.37	75.31 -2.44 -4.25	58.22 -2.40 -0.43	47.90 -1.96 0.00	47.50 -2.00 0.00	38.90 -1.58 0.00	36.57 -0.99 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	56.19 4.26 0.00	47.34 3.63 0.00	43.67 3.37 0.00	31.92 2.47 0.00	29.44 2.29 0.00	31.16 2.37 0.00	46.18 3.63 0.00	50.09 4.18 0.00	42.69 3.95 0.00	46.28 4.43 0.00	57.42 5.59 0.00	79.34 7.68 0.00	72.98 7.32 0.00	77.88 7.90 0.00	79.62 8.20 0.00	78.84 7.67 -6.00	79.57 6.29 -20.87	168.53 14.12 -35.15	201.16 8.19 -119.46	107.95 6.19 -41.56	78.31 4.52 -23.94	59.19 4.34 -5.36	44.00 3.51 0.00	40.83 3.26 0.00
PEEKSKILL___ 23653	55.40 3.48 0.00	46.75 3.04 0.00	43.14 2.85 0.00	31.55 2.11 0.00	29.10 1.95 0.00	30.80 2.01 0.00	45.63 3.07 0.00	49.49 3.58 0.00	42.20 3.47 0.00	45.69 3.83 0.00	56.61 4.78 0.00	78.10 6.44 0.00	71.75 6.09 0.00	76.43 6.45 0.00	78.08 6.66 0.00	77.19 6.25 -5.77	77.60 5.12 -20.07	164.27 11.40 -33.60	192.95 6.61 -112.84	104.38 4.94 -39.24	75.97 3.55 -22.57	57.99 3.44 -5.05	43.37 2.89 0.00	40.32 2.76 0.00
PGE MADISON___WINDPWR 24146	57.60 5.67 0.00	48.23 4.52 0.00	44.27 3.98 0.00	32.19 2.75 0.00	29.66 2.51 0.00	31.30 2.50 0.00	46.38 3.82 0.00	49.86 3.96 0.00	42.28 3.55 0.00	45.96 4.10 0.00	56.26 4.43 0.00	76.76 5.09 0.00	70.76 5.10 0.00	76.18 6.20 0.00	77.15 5.40 -0.32	73.85 4.74 -3.94	65.79 4.29 -9.09	149.76 11.65 -18.84	154.25 7.19 -73.55	92.19 5.76 -26.25	72.02 5.45 -16.71	59.78 5.10 -5.19	45.47 3.84 -1.15	41.73 3.19 -0.98

PIERCEFIELD___HYD 23852	49.39 -2.53 0.00	41.30 -2.41 0.00	38.13 -2.17 0.00	27.89 -1.55 0.00	25.79 -1.36 0.00	27.57 -1.23 0.00	40.74 -1.81 0.00	43.86 -2.05 0.00	36.95 -1.78 0.00	39.85 -2.01 0.00	49.29 -2.54 0.00	68.34 -3.33 0.00	62.57 -3.08 0.00	66.58 -3.40 0.00	67.75 -3.67 0.00	59.27 -3.63 2.27	49.46 -2.94 0.00	113.05 -6.21 0.00	69.67 -3.83 0.00	57.61 -2.83 -0.25	49.04 -1.56 -0.75	48.98 -1.36 -0.84	39.92 -1.10 -0.54	37.10 -0.91 -0.46
PINELAWN_CC_1 323563	55.66 3.74 0.00	47.11 3.40 0.00	43.68 3.38 0.00	31.89 2.45 0.00	29.36 2.21 0.00	30.99 2.20 0.00	45.97 3.42 0.00	49.68 3.77 0.00	42.30 3.57 0.00	45.73 3.87 0.00	56.36 4.53 0.00	77.43 5.76 0.00	71.03 5.37 0.00	75.80 5.82 0.00	77.92 6.49 0.00	77.38 6.36 -5.85	78.08 5.33 -20.34	165.39 12.07 -34.05	194.95 7.07 -114.37	104.96 4.99 -39.78	75.78 3.05 -22.88	57.67 3.05 -5.12	49.24 2.98 -5.79	40.38 2.82 0.00
PJM_GEN_HTTP_PROXY 323702	56.76 3.77 -1.07	45.68 3.32 1.36	43.46 3.17 0.00	31.79 2.35 0.00	29.34 2.19 0.00	31.07 2.28 0.00	46.01 3.46 0.00	49.92 4.01 0.00	42.67 3.94 0.00	46.18 4.32 0.00	58.08 5.35 -0.90	78.78 7.11 0.00	69.45 6.76 2.97	77.12 7.14 0.00	78.80 7.37 0.00	77.94 6.92 -5.85	78.43 5.67 -20.35	165.73 12.40 -34.06	195.01 7.09 -114.41	105.31 5.33 -39.79	76.58 3.84 -22.89	58.32 3.71 -5.12	43.64 3.16 0.00	40.64 3.08 0.00
PJM_GEN_KEystone 24065	54.72 1.73 -1.07	43.64 1.31 1.39	41.43 1.13 0.00	30.13 0.68 0.00	27.74 0.59 0.00	29.25 0.45 0.00	43.42 0.86 0.00	44.85 0.94 2.00	42.26 1.29 -2.24	43.65 1.79 0.00	54.71 2.44 -0.44	74.74 3.07 0.00	65.16 2.48 2.97	72.24 2.26 0.00	73.35 2.29 0.36	72.59 2.20 -5.22	66.13 1.73 -12.00	162.06 4.27 -38.53	146.60 2.28 -70.81	86.41 1.38 -24.84	64.84 0.67 -14.31	53.37 0.67 -3.20	41.14 0.66 0.00	41.17 0.81 -2.80
PJM_GEN_NEPTUNE_PROXY 323594	56.67 3.68 -1.07	45.70 3.35 1.36	43.58 3.29 0.00	31.84 2.40 0.00	29.33 2.18 0.00	30.98 2.19 0.00	45.91 3.36 0.00	49.60 3.69 0.00	42.28 3.55 0.00	45.76 3.90 0.00	57.51 4.77 -0.90	77.82 6.15 0.00	68.49 5.80 2.97	76.27 6.29 0.00	78.23 6.81 0.00	77.58 6.57 -5.85	78.19 5.44 -20.34	165.56 12.24 -34.05	194.98 7.09 -114.37	105.08 5.11 -39.78	75.98 3.25 -22.88	57.90 3.28 -5.12	47.99 3.06 -4.44	40.43 2.87 0.00
PJM_GEN_VFT_PROXY 323633	56.43 3.44 -1.06	45.05 3.06 1.73	43.28 2.98 0.00	31.69 2.25 0.00	29.25 2.10 0.00	30.95 2.16 0.00	45.81 3.25 0.00	49.72 3.81 0.00	42.54 3.80 0.00	45.96 4.12 0.02	51.15 5.04 5.72	78.38 6.71 0.00	69.11 6.43 2.97	76.72 6.74 0.00	78.39 6.97 0.00	76.29 6.50 -4.62	70.26 5.32 -12.53	158.35 11.64 -27.45	186.19 6.64 -106.04	105.00 5.02 -39.79	76.39 3.65 -22.89	58.14 3.52 -5.12	43.53 3.04 0.00	40.56 3.00 0.00
PLATSBURG_115KV_PMLD1 355749	51.44 -0.49 0.00	42.95 -0.76 0.00	39.82 -0.48 0.00	29.24 -0.20 0.00	27.08 -0.07 0.00	28.89 0.09 0.00	42.43 -0.12 0.00	45.67 -0.23 0.00	38.49 -0.24 0.00	41.58 -0.28 0.00	51.54 -0.29 0.00	71.40 -0.27 0.00	65.44 -0.22 0.00	69.26 -0.72 0.00	69.52 -1.90 0.00	60.15 -2.17 2.85	49.76 -2.64 0.00	115.86 -3.41 0.00	72.03 -1.48 0.00	60.52 0.33 0.00	49.87 0.02 0.00	49.53 0.04 0.00	40.40 -0.09 0.00	37.49 -0.07 0.00
PLEASANTVLY___LBMP 24000	54.99 3.06 0.00	46.39 2.68 0.00	42.82 2.52 0.00	31.33 1.89 0.00	28.90 1.75 0.00	30.59 1.80 0.00	45.27 2.71 0.00	49.05 3.15 0.00	41.70 2.97 0.00	45.13 3.27 0.00	55.89 4.06 0.00	77.12 5.45 0.00	70.91 5.25 0.00	75.68 5.70 0.00	77.30 5.88 0.00	76.88 5.51 -6.20	78.47 4.51 -21.56	165.42 9.98 -36.18	201.32 5.69 -122.12	106.94 4.27 -42.48	77.39 3.09 -24.45	57.99 3.02 -5.47	42.99 2.51 0.00	39.93 2.37 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	55.61 3.68 0.00	46.93 3.22 0.00	43.32 3.03 0.00	31.67 2.23 0.00	29.22 2.07 0.00	30.92 2.13 0.00	45.80 3.25 0.00	49.64 3.74 0.00	42.34 3.61 0.00	45.85 3.99 0.00	56.80 4.97 0.00	78.38 6.71 0.00	72.04 6.38 0.00	76.77 6.79 0.00	78.43 7.01 0.00	77.68 6.60 -5.90	78.35 5.40 -20.54	165.57 11.93 -34.38	195.80 6.89 -115.41	105.51 5.18 -40.14	76.67 3.73 -23.09	58.29 3.63 -5.17	43.48 3.00 0.00	40.45 2.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	55.61 3.68 0.00	46.93 3.22 0.00	43.32 3.03 0.00	31.67 2.23 0.00	29.22 2.07 0.00	30.92 2.13 0.00	45.80 3.25 0.00	49.64 3.74 0.00	42.34 3.61 0.00	45.85 3.99 0.00	56.80 4.97 0.00	78.38 6.71 0.00	72.04 6.38 0.00	76.77 6.79 0.00	78.43 7.01 0.00	77.68 6.60 -5.90	78.35 5.40 -20.54	165.57 11.93 -34.38	195.80 6.89 -115.41	105.51 5.18 -40.14	76.67 3.73 -23.09	58.29 3.63 -5.17	43.48 3.00 0.00	40.45 2.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	55.67 3.75 0.00	46.93 3.22 0.00	43.29 3.00 0.00	31.65 2.21 0.00	29.19 2.04 0.00	30.90 2.11 0.00	45.75 3.20 0.00	49.63 3.73 0.00	42.21 3.48 0.00	45.73 3.87 0.00	56.61 4.78 0.00	78.21 6.54 0.00	71.88 6.22 0.00	76.88 6.90 0.00	78.66 7.24 0.00	78.20 6.77 -6.25	79.73 5.56 -21.76	169.08 12.56 -37.26	211.59 7.32 -130.77	111.24 5.52 -45.53	80.23 4.07 -26.30	59.31 3.93 -5.89	43.63 3.14 0.00	40.45 2.89 0.00
POLETTI_____ 23519	55.60 3.67 0.00	46.97 3.26 0.00	43.42 3.12 0.00	31.78 2.34 0.00	29.34 2.18 0.00	31.05 2.25 0.00	45.94 3.39 0.00	49.86 3.95 0.00	42.65 3.92 0.00	46.14 4.28 0.00	57.10 5.28 0.00	78.65 6.98 0.00	72.29 6.63 0.00	76.98 7.00 0.00	78.67 7.25 0.00	77.80 6.78 -5.85	78.30 5.55 -20.35	165.49 12.16 -34.06	194.82 6.90 -114.41	105.19 5.20 -39.79	76.49 3.75 -22.89	58.23 3.61 -5.12	43.58 3.10 0.00	40.61 3.05 0.00
POMONA___ESR 323819	55.48 3.55 0.00	46.82 3.11 0.00	43.17 2.87 0.00	31.56 2.11 0.00	29.10 1.95 0.00	30.79 2.00 0.00	45.64 3.09 0.00	49.53 3.62 0.00	42.27 3.53 0.00	45.79 3.93 0.00	56.81 4.98 0.00	78.43 6.76 0.00	72.01 6.35 0.00	76.64 6.65 0.00	78.29 6.87 0.00	77.16 6.42 -5.57	77.06 5.27 -19.39	163.52 11.83 -32.42	189.12 6.90 -108.71	103.18 5.19 -37.81	75.29 3.69 -21.75	57.94 3.58 -4.87	43.48 3.00 0.00	40.40 2.84 0.00
PORT_JEFF_3 23555	55.60 3.68 0.00	47.29 3.58 0.00	43.98 3.69 0.00	32.10 2.66 0.00	29.55 2.40 0.00	31.15 2.36 0.00	46.25 3.70 0.00	49.93 4.03 0.00	42.32 3.59 0.00	45.77 3.91 0.00	56.62 4.79 0.00	77.78 6.11 0.00	71.03 5.36 0.00	75.52 5.54 0.00	77.75 6.33 0.00	77.37 6.35 -5.85	77.99 5.25 -20.34	165.24 11.92 -34.05	194.81 6.93 -114.37	104.84 4.87 -39.78	75.57 2.84 -22.88	57.39 2.77 -5.12	49.22 2.95 -5.79	40.16 2.60 0.00
PORT_JEFF_4 23616	55.60 3.68 0.00	47.29 3.58 0.00	43.98 3.69 0.00	32.10 2.66 0.00	29.55 2.40 0.00	31.15 2.36 0.00	46.25 3.70 0.00	49.93 4.03 0.00	42.32 3.59 0.00	45.77 3.91 0.00	56.62 4.79 0.00	77.78 6.11 0.00	71.03 5.36 0.00	75.52 5.54 0.00	77.75 6.33 0.00	77.37 6.35 -5.85	77.99 5.25 -20.34	165.24 11.92 -34.05	194.81 6.93 -114.37	104.84 4.87 -39.78	75.57 2.84 -22.88	57.39 2.77 -5.12	49.22 2.95 -5.79	40.16 2.60 0.00

PORT_JEFF_IC 23713	55.83 3.91 0.00	47.43 3.72 0.00	44.10 3.80 0.00	32.17 2.73 0.00	29.61 2.46 0.00	31.21 2.42 0.00	46.35 3.79 0.00	50.05 4.14 0.00	42.30 3.56 0.00	45.78 3.92 0.00	56.67 4.84 0.00	77.88 6.21 0.00	71.19 5.53 0.00	75.74 5.76 0.00	78.00 6.58 0.00	77.60 6.58 -5.85	78.19 5.44 -20.34	165.66 12.35 -34.05	195.04 7.16 -114.37	105.02 5.04 -39.78	75.71 2.98 -22.88	57.52 2.91 -5.12	49.43 3.16 -5.79	40.35 2.79 0.00
PPL PILGRIM_ST_GT1 24216	56.26 4.33 0.00	47.64 3.93 0.00	44.23 3.93 0.00	32.28 2.84 0.00	29.72 2.57 0.00	31.33 2.54 0.00	46.51 3.96 0.00	50.20 4.29 0.00	42.77 4.04 0.00	46.31 4.45 0.00	57.11 5.28 0.00	78.04 6.37 0.00	71.53 5.87 0.00	76.24 6.26 0.00	78.46 7.04 0.00	77.95 6.93 -5.85	78.50 5.76 -20.34	166.34 13.03 -34.05	195.60 7.72 -114.37	105.43 5.46 -39.78	76.07 3.34 -22.88	57.94 3.32 -5.12	49.82 3.55 -5.79	40.78 3.22 0.00
PPL PILGRIM_ST_GT2 24217	56.26 4.33 0.00	47.64 3.93 0.00	44.23 3.93 0.00	32.28 2.84 0.00	29.72 2.57 0.00	31.33 2.54 0.00	46.51 3.96 0.00	50.20 4.29 0.00	42.77 4.04 0.00	46.31 4.45 0.00	57.11 5.28 0.00	78.04 6.37 0.00	71.53 5.87 0.00	76.24 6.26 0.00	78.46 7.04 0.00	77.95 6.93 -5.85	78.50 5.76 -20.34	166.34 13.03 -34.05	195.60 7.72 -114.37	105.43 5.46 -39.78	76.07 3.34 -22.88	57.94 3.32 -5.12	49.82 3.55 -5.79	40.78 3.22 0.00
PPL_SHRM_GT3 24213	55.92 3.99 0.00	47.33 3.62 0.00	43.90 3.61 0.00	32.03 2.59 0.00	29.47 2.32 0.00	31.05 2.26 0.00	46.13 3.57 0.00	49.88 3.97 0.00	42.45 3.72 0.00	46.03 4.18 0.00	57.05 5.22 0.00	78.38 6.71 0.00	71.15 5.49 0.00	75.75 5.77 0.00	78.62 7.20 0.00	78.21 7.19 -5.85	78.63 5.89 -20.34	166.73 13.41 -34.05	195.69 7.81 -114.37	105.52 5.55 -39.78	76.12 3.39 -22.88	57.88 3.27 -5.12	49.52 3.25 -5.79	40.37 2.81 0.00
PPL_SHRM_GT4 24214	55.92 3.99 0.00	47.33 3.62 0.00	43.90 3.61 0.00	32.03 2.59 0.00	29.47 2.32 0.00	31.05 2.26 0.00	46.13 3.57 0.00	49.88 3.97 0.00	42.45 3.72 0.00	46.03 4.18 0.00	57.05 5.22 0.00	78.38 6.71 0.00	71.15 5.49 0.00	75.75 5.77 0.00	78.62 7.20 0.00	78.21 7.19 -5.85	78.63 5.89 -20.34	166.73 13.41 -34.05	195.69 7.81 -114.37	105.52 5.55 -39.78	76.12 3.39 -22.88	57.88 3.27 -5.12	49.52 3.25 -5.79	40.37 2.81 0.00
PROJECT___ORANGE 1 24174	52.01 0.09 0.00	43.70 -0.01 0.00	40.21 -0.09 0.00	29.29 -0.15 0.00	26.98 -0.17 0.00	28.51 -0.28 0.00	42.25 -0.30 0.00	45.55 -0.35 0.00	38.51 -0.22 0.00	41.72 -0.15 0.00	51.78 -0.05 0.00	71.73 0.06 0.00	65.66 0.00 0.00	69.92 -0.06 0.00	71.40 -0.02 0.00	65.24 0.07 0.00	52.41 0.00 0.00	119.11 -0.15 0.00	73.44 -0.07 0.00	60.83 -0.08 -0.71	51.93 -0.09 -2.16	51.89 -0.04 -2.43	41.92 -0.11 -1.55	38.77 -0.11 -1.32
PROJECT___ORANGE 2 24166	52.01 0.09 0.00	43.70 -0.01 0.00	40.21 -0.09 0.00	29.29 -0.15 0.00	26.98 -0.17 0.00	28.51 -0.28 0.00	42.25 -0.30 0.00	45.55 -0.35 0.00	38.51 -0.22 0.00	41.72 -0.15 0.00	51.78 -0.05 0.00	71.73 0.06 0.00	65.66 0.00 0.00	69.92 -0.06 0.00	71.40 -0.02 0.00	65.24 0.07 0.00	52.41 0.00 0.00	119.11 -0.15 0.00	73.44 -0.07 0.00	60.83 -0.08 -0.71	51.93 -0.09 -2.16	51.89 -0.04 -2.43	41.92 -0.11 -1.55	38.77 -0.11 -1.32
PUCKETT___SOLAR 323809	54.19 2.27 0.00	45.49 1.77 0.00	41.84 1.55 0.00	30.43 0.99 0.00	28.03 0.88 0.00	29.52 0.73 0.00	43.72 1.17 0.00	47.18 1.28 0.00	39.97 1.24 0.00	43.53 1.67 0.00	53.75 1.92 0.00	73.98 2.31 0.00	67.57 1.91 0.00	71.86 1.88 0.00	73.14 1.72 0.00	70.91 1.70 -4.04	62.41 1.61 -8.39	141.11 4.66 -17.19	137.54 2.62 -61.42	84.10 1.97 -21.94	65.43 1.55 -14.02	55.48 1.50 -4.48	42.73 1.18 -1.07	39.41 0.94 -0.90
PYRITES___HYD 24023	50.59 -1.33 0.00	42.24 -1.47 0.00	38.95 -1.34 0.00	28.48 -0.97 0.00	26.35 -0.80 0.00	28.20 -0.60 0.00	41.75 -0.81 0.00	44.88 -1.03 0.00	37.85 -0.88 0.00	40.85 -1.01 0.00	50.61 -1.22 0.00	70.08 -1.59 0.00	64.20 -1.46 0.00	68.24 -1.73 0.00	69.32 -2.11 0.00	60.48 -2.36 2.33	50.39 -2.02 0.00	115.69 -3.58 0.00	71.34 -2.17 0.00	58.76 -1.67 -0.23	50.00 -0.54 -0.69	49.83 -0.44 -0.78	40.62 -0.36 -0.50	37.70 -0.28 -0.42
QUAKERRD_115KV_BK1 80622	51.65 -0.27 0.00	43.17 -0.54 0.00	39.59 -0.71 0.00	28.74 -0.70 0.00	26.36 -0.79 0.00	27.79 -1.01 0.00	41.23 -1.32 0.00	44.06 -1.85 0.00	37.44 -1.29 0.00	40.80 -1.06 0.00	50.76 -1.07 0.00	70.12 -1.54 0.00	63.79 -1.87 0.00	67.73 -2.25 0.00	69.00 -2.42 0.00	61.81 -2.06 1.30	50.46 -1.85 0.10	113.85 -3.96 1.46	71.08 -2.43 0.00	57.98 -2.22 0.00	47.96 -1.90 0.00	47.69 -1.81 0.00	38.98 -1.50 0.00	36.39 -1.17 0.00
QUENSBRY_115KV_TB8 356137	55.23 3.31 0.00	46.37 2.66 0.00	42.73 2.44 0.00	31.28 1.83 0.00	29.15 2.00 0.00	30.99 2.19 0.00	45.86 3.31 0.00	49.58 3.67 0.00	41.97 3.23 0.00	45.43 3.58 0.00	56.18 4.35 0.00	77.83 6.16 0.00	71.51 5.85 0.00	76.50 6.52 0.00	77.86 6.44 0.00	97.79 6.23 -26.39	149.37 5.12 -91.85	354.86 12.00 -223.60	1308.51 7.41 -1227.59	496.97 5.68 -431.10	312.35 4.78 -257.72	111.84 4.67 -57.67	43.97 3.49 0.00	40.48 2.93 0.00
RAMAPO___LBMP 323565	55.18 3.25 0.00	46.53 2.82 0.00	42.93 2.63 0.00	31.38 1.94 0.00	28.94 1.79 0.00	30.63 1.84 0.00	45.39 2.84 0.00	49.26 3.35 0.00	42.01 3.28 0.00	45.49 3.63 0.00	56.40 4.58 0.00	77.86 6.19 0.00	71.48 5.82 0.00	76.07 6.09 0.00	77.72 6.29 0.00	76.59 5.88 -5.54	76.52 4.82 -19.29	162.34 10.81 -32.27	187.92 6.27 -108.14	102.53 4.73 -37.61	74.83 3.35 -21.63	57.58 3.25 -4.84	43.20 2.72 0.00	40.17 2.61 0.00
RANKINE____ 23646	53.18 1.26 0.00	44.25 0.53 0.00	40.41 0.12 0.00	29.13 -0.31 0.00	26.54 -0.61 0.00	27.73 -1.06 0.00	41.24 -1.32 0.00	43.64 -2.27 0.00	37.36 -1.38 0.00	41.13 -0.73 0.00	51.43 -0.40 0.00	70.58 -1.09 -0.01	63.87 -1.79 0.00	67.85 -2.85 -0.72	66.49 -2.83 2.10	83.46 -2.19 -20.48	55.25 -2.01 -4.85	142.22 -4.09 -27.04	73.86 -2.59 -2.94	58.07 -2.53 -0.42	47.77 -2.08 -0.01	47.29 -2.21 0.00	38.75 -1.73 0.00	36.48 -1.08 0.00
RAVENSWOOD_GT2_1 24244	55.75 3.83 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.11 2.32 0.00	46.06 3.51 0.00	49.98 4.07 0.00	42.73 4.00 0.00	46.22 4.37 0.00	57.19 5.36 0.00	78.73 7.06 0.00	72.34 6.68 0.00	77.05 7.07 0.00	78.74 7.32 0.00	77.84 6.82 -5.85	78.33 5.58 -20.35	165.58 12.25 -34.06	194.89 6.97 -114.41	105.27 5.28 -39.79	76.55 3.81 -22.89	58.29 3.68 -5.12	43.63 3.15 0.00	40.68 3.12 0.00
RAVENSWOOD_GT2_2 24245	55.75 3.83 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.11 2.32 0.00	46.06 3.51 0.00	49.98 4.07 0.00	42.73 4.00 0.00	46.22 4.37 0.00	57.19 5.36 0.00	78.73 7.06 0.00	72.34 6.68 0.00	77.05 7.07 0.00	78.74 7.32 0.00	77.84 6.82 -5.85	78.33 5.58 -20.35	165.58 12.25 -34.06	194.89 6.97 -114.41	105.27 5.28 -39.79	76.55 3.81 -22.89	58.29 3.68 -5.12	43.63 3.15 0.00	40.68 3.12 0.00

RAVENSWOOD_GT2_3 24246	55.80 3.87 0.00	47.15 3.44 0.00	43.56 3.26 0.00	31.88 2.44 0.00	29.40 2.25 0.00	31.12 2.33 0.00	46.09 3.53 0.00	50.01 4.10 0.00	42.75 4.02 0.00	46.26 4.40 0.00	57.24 5.42 0.00	78.80 7.14 0.00	72.41 6.74 0.00	77.12 7.14 0.00	78.80 7.37 0.00	77.91 6.89 -5.85	78.38 5.63 -20.35	165.69 12.36 -34.06	194.96 7.04 -114.41	105.31 5.32 -39.79	76.59 3.85 -22.89	58.33 3.71 -5.12	43.67 3.18 0.00	40.70 3.14 0.00
RAVENSWOOD_GT2_4 24247	55.80 3.87 0.00	47.15 3.44 0.00	43.56 3.26 0.00	31.88 2.44 0.00	29.40 2.25 0.00	31.12 2.33 0.00	46.09 3.53 0.00	50.01 4.10 0.00	42.75 4.02 0.00	46.26 4.40 0.00	57.24 5.42 0.00	78.80 7.14 0.00	72.41 6.74 0.00	77.12 7.14 0.00	78.80 7.37 0.00	77.91 6.89 -5.85	78.38 5.63 -20.35	165.69 12.36 -34.06	194.96 7.04 -114.41	105.31 5.32 -39.79	76.59 3.85 -22.89	58.33 3.71 -5.12	43.67 3.18 0.00	40.70 3.14 0.00
RAVENSWOOD_GT3_1 24248	55.75 3.83 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.11 2.32 0.00	46.06 3.51 0.00	49.98 4.07 0.00	42.73 4.00 0.00	46.22 4.37 0.00	57.20 5.37 0.00	78.73 7.06 0.00	72.34 6.68 0.00	77.05 7.07 0.00	78.74 7.32 0.00	77.84 6.82 -5.85	78.33 5.58 -20.35	165.58 12.25 -34.06	194.89 6.97 -114.41	105.28 5.29 -39.79	76.55 3.81 -22.89	58.29 3.68 -5.12	43.64 3.15 0.00	40.68 3.12 0.00
RAVENSWOOD_GT3_2 24249	55.75 3.83 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.11 2.32 0.00	46.06 3.51 0.00	49.98 4.07 0.00	42.73 4.00 0.00	46.22 4.37 0.00	57.20 5.37 0.00	78.73 7.06 0.00	72.34 6.68 0.00	77.05 7.07 0.00	78.74 7.32 0.00	77.84 6.82 -5.85	78.33 5.58 -20.35	165.58 12.25 -34.06	194.89 6.97 -114.41	105.28 5.29 -39.79	76.55 3.81 -22.89	58.29 3.68 -5.12	43.64 3.15 0.00	40.68 3.12 0.00
RAVENSWOOD_GT3_3 24250	55.90 3.98 0.00	47.22 3.51 0.00	43.62 3.33 0.00	31.92 2.48 0.00	29.45 2.30 0.00	31.17 2.38 0.00	46.16 3.61 0.00	50.09 4.18 0.00	42.83 4.09 0.00	46.35 4.49 0.00	57.36 5.53 0.00	78.95 7.28 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.96 7.53 0.00	78.05 7.03 -5.85	78.49 5.74 -20.35	165.95 12.62 -34.06	195.11 7.19 -114.41	105.43 5.44 -39.79	76.69 3.95 -22.89	58.43 3.81 -5.12	43.74 3.26 0.00	40.76 3.20 0.00
RAVENSWOOD_GT3_4 24251	55.90 3.98 0.00	47.22 3.51 0.00	43.62 3.33 0.00	31.92 2.48 0.00	29.45 2.30 0.00	31.17 2.38 0.00	46.16 3.61 0.00	50.09 4.18 0.00	42.83 4.09 0.00	46.35 4.49 0.00	57.36 5.53 0.00	78.95 7.28 0.00	72.54 6.88 0.00	77.27 7.29 0.00	78.96 7.53 0.00	78.05 7.03 -5.85	78.49 5.74 -20.35	165.95 12.62 -34.06	195.11 7.19 -114.41	105.43 5.44 -39.79	76.69 3.95 -22.89	58.43 3.81 -5.12	43.74 3.26 0.00	40.76 3.20 0.00
RAVENSWOOD_GT_1 23729	55.82 3.90 0.00	47.24 3.53 0.00	43.65 3.35 0.00	31.95 2.51 0.00	29.48 2.33 0.00	31.20 2.41 0.00	46.23 3.67 0.00	50.16 4.26 0.00	42.89 4.16 0.00	46.39 4.53 0.00	57.35 5.52 0.00	78.85 7.18 0.00	72.44 6.78 0.00	77.18 7.20 0.00	78.86 7.43 0.00	77.87 6.86 -5.85	78.32 5.57 -20.35	165.43 12.10 -34.06	194.77 6.85 -114.41	105.27 5.29 -39.79	76.84 3.80 -23.19	58.27 3.65 -5.13	43.65 3.17 0.00	40.74 3.18 0.00
RAVENSWOOD_GT_10 24258	55.75 3.83 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.11 2.31 0.00	46.05 3.51 0.00	49.98 4.07 0.00	42.72 3.98 0.00	46.22 4.37 0.00	57.20 5.37 0.00	78.74 7.07 0.00	72.34 6.68 0.00	77.06 7.08 0.00	78.75 7.33 0.00	77.85 6.84 -5.85	78.34 5.58 -20.35	165.61 12.28 -34.06	194.90 6.98 -114.41	105.29 5.31 -39.79	76.56 3.82 -22.89	58.31 3.69 -5.12	43.64 3.16 0.00	40.68 3.12 0.00
RAVENSWOOD_GT_11 24259	55.75 3.83 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.11 2.31 0.00	46.05 3.51 0.00	49.98 4.07 0.00	42.72 3.98 0.00	46.22 4.37 0.00	57.20 5.37 0.00	78.74 7.07 0.00	72.34 6.68 0.00	77.06 7.08 0.00	78.75 7.33 0.00	77.85 6.84 -5.85	78.34 5.58 -20.35	165.61 12.28 -34.06	194.90 6.98 -114.41	105.29 5.31 -39.79	76.56 3.82 -22.89	58.31 3.69 -5.12	43.64 3.16 0.00	40.68 3.12 0.00
RAVENSWOOD_GT_4 24252	55.78 3.85 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.40 0.00	29.38 2.23 0.00	31.10 2.31 0.00	46.05 3.50 0.00	49.95 4.04 0.00	42.71 3.98 0.00	46.20 4.34 0.00	57.20 5.37 0.00	78.75 7.09 0.00	72.36 6.70 0.00	77.07 7.10 0.00	78.77 7.34 0.00	77.89 6.87 -5.85	78.38 5.62 -20.35	165.70 12.37 -34.06	194.97 7.05 -114.41	105.31 5.32 -39.79	76.82 3.85 -23.12	58.33 3.71 -5.13	43.65 3.17 0.00	40.68 3.12 0.00
RAVENSWOOD_GT_5 24254	55.78 3.85 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.40 0.00	29.38 2.23 0.00	31.10 2.31 0.00	46.05 3.50 0.00	49.95 4.04 0.00	42.71 3.98 0.00	46.20 4.34 0.00	57.20 5.37 0.00	78.75 7.09 0.00	72.36 6.70 0.00	77.07 7.10 0.00	78.77 7.34 0.00	77.89 6.87 -5.85	78.38 5.62 -20.35	165.70 12.37 -34.06	194.97 7.05 -114.41	105.31 5.32 -39.79	76.82 3.85 -23.12	58.33 3.71 -5.13	43.65 3.17 0.00	40.68 3.12 0.00
RAVENSWOOD_GT_6 24253	55.78 3.85 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.40 0.00	29.38 2.23 0.00	31.10 2.31 0.00	46.05 3.50 0.00	49.95 4.04 0.00	42.71 3.98 0.00	46.20 4.34 0.00	57.20 5.37 0.00	78.75 7.09 0.00	72.36 6.70 0.00	77.07 7.10 0.00	78.77 7.34 0.00	77.89 6.87 -5.85	78.38 5.62 -20.35	165.70 12.37 -34.06	194.97 7.05 -114.41	105.31 5.32 -39.79	76.82 3.85 -23.12	58.33 3.71 -5.13	43.65 3.17 0.00	40.68 3.12 0.00
RAVENSWOOD_GT_7 24255	55.78 3.85 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.40 0.00	29.38 2.23 0.00	31.10 2.31 0.00	46.05 3.50 0.00	49.95 4.04 0.00	42.71 3.98 0.00	46.20 4.34 0.00	57.20 5.37 0.00	78.75 7.09 0.00	72.36 6.70 0.00	77.07 7.10 0.00	78.77 7.34 0.00	77.89 6.87 -5.85	78.38 5.62 -20.35	165.70 12.37 -34.06	194.97 7.05 -114.41	105.31 5.32 -39.79	76.82 3.85 -23.12	58.33 3.71 -5.13	43.65 3.17 0.00	40.68 3.12 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	55.75 3.83 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.11 2.31 0.00	46.05 3.51 0.00	49.98 4.07 0.00	42.72 3.98 0.00	46.22 4.37 0.00	57.20 5.37 0.00	78.74 7.07 0.00	72.34 6.68 0.00	77.06 7.08 0.00	78.75 7.33 0.00	77.85 6.84 -5.85	78.34 5.58 -20.35	165.61 12.28 -34.06	194.90 6.98 -114.41	105.29 5.31 -39.79	76.56 3.82 -22.89	58.31 3.69 -5.12	43.64 3.16 0.00	40.68 3.12 0.00
RAVENSWOOD_GT_9 24257	55.75 3.83 0.00	47.12 3.41 0.00	43.53 3.23 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.11 2.31 0.00	46.05 3.51 0.00	49.98 4.07 0.00	42.72 3.98 0.00	46.22 4.37 0.00	57.20 5.37 0.00	78.74 7.07 0.00	72.34 6.68 0.00	77.06 7.08 0.00	78.75 7.33 0.00	77.85 6.84 -5.85	78.34 5.58 -20.35	165.61 12.28 -34.06	194.90 6.98 -114.41	105.29 5.31 -39.79	76.56 3.82 -22.89	58.31 3.69 -5.12	43.64 3.16 0.00	40.68 3.12 0.00

RAVENSWOOD___1 23533	55.77 3.84 0.00	47.20 3.49 0.00	43.61 3.32 0.00	31.93 2.49 0.00	29.45 2.30 0.00	31.17 2.38 0.00	46.18 3.63 0.00	50.12 4.21 0.00	42.87 4.13 0.00	46.36 4.50 0.00	57.31 5.48 0.00	78.79 7.12 0.00	72.38 6.72 0.00	77.11 7.13 0.00	78.80 7.38 0.00	77.81 6.79 -5.85	78.30 5.55 -20.35	165.34 12.01 -34.06	194.73 6.81 -114.41	105.22 5.24 -39.79	75.86 3.75 -22.25	58.24 3.62 -5.12	43.63 3.15 0.00	40.71 3.15 0.00
RAVENSWOOD___2 23534	55.46 3.54 0.00	47.10 3.38 0.00	43.52 3.22 0.00	31.86 2.41 0.00	29.38 2.23 0.00	31.11 2.31 0.00	46.09 3.53 0.00	49.99 4.08 0.00	42.77 4.04 0.00	46.27 4.42 0.00	57.14 5.31 0.00	78.30 6.63 0.00	71.81 6.15 0.00	76.52 6.54 0.00	78.18 6.76 0.00	77.25 6.23 -5.85	77.84 5.08 -20.35	164.27 10.95 -34.06	194.09 6.17 -114.41	104.72 4.73 -39.79	75.50 3.40 -22.24	57.86 3.25 -5.12	43.36 2.88 0.00	40.53 2.97 0.00
RAVENSWOOD___3 23535	55.76 3.84 0.00	47.13 3.41 0.00	43.54 3.24 0.00	31.85 2.41 0.00	29.39 2.24 0.00	31.12 2.32 0.00	46.06 3.51 0.00	49.98 4.07 0.00	42.73 4.00 0.00	46.23 4.37 0.00	57.20 5.37 0.00	78.74 7.08 0.00	72.34 6.68 0.00	77.07 7.09 0.00	78.75 7.33 0.00	77.85 6.83 -5.85	78.34 5.58 -20.35	165.58 12.26 -34.06	194.92 7.00 -114.41	105.28 5.30 -39.79	76.56 3.82 -22.89	58.29 3.68 -5.12	43.64 3.16 0.00	40.68 3.12 0.00
RAVENSWOOD___4 23820	55.72 3.79 0.00	47.17 3.45 0.00	43.58 3.28 0.00	31.90 2.46 0.00	29.43 2.27 0.00	31.15 2.35 0.00	46.14 3.59 0.00	50.07 4.17 0.00	42.84 4.11 0.00	46.34 4.48 0.00	57.27 5.44 0.00	78.74 7.07 0.00	72.34 6.68 0.00	77.07 7.09 0.00	78.73 7.31 0.00	77.76 6.74 -5.85	78.25 5.50 -20.35	165.24 11.91 -34.06	194.66 6.74 -114.41	105.18 5.19 -39.79	74.91 3.73 -21.32	58.19 3.58 -5.11	43.61 3.13 0.00	40.68 3.12 0.00
RCPL_TRUST___DRP 24196	55.77 3.85 0.00	47.12 3.40 0.00	43.52 3.23 0.00	31.85 2.40 0.00	29.39 2.24 0.00	31.12 2.33 0.00	46.10 3.54 0.00	50.03 4.12 0.00	42.75 4.02 0.00	46.27 4.41 0.00	57.28 5.45 0.00	78.94 7.27 0.00	72.56 6.90 0.00	77.27 7.29 0.00	78.96 7.53 0.00	78.09 7.07 -5.85	78.53 5.77 -20.35	166.02 12.69 -34.06	195.15 7.23 -114.41	105.41 5.42 -39.79	76.65 3.91 -22.89	58.38 3.76 -5.12	43.69 3.21 0.00	40.69 3.13 0.00
RED___ROCHESTER 323720	53.36 1.43 0.00	44.52 0.81 0.00	40.78 0.49 0.00	29.57 0.12 0.00	27.08 -0.07 0.00	28.52 -0.27 0.00	42.35 -0.21 0.00	45.17 -0.74 0.00	38.48 -0.25 0.00	42.00 0.14 0.00	52.32 0.49 0.00	72.23 0.57 0.00	65.52 -0.14 0.00	70.49 -0.39 -0.90	70.89 -0.56 -0.02	64.68 -0.32 0.17	51.88 -0.54 -0.02	118.91 -0.80 -0.45	74.78 -0.55 -1.82	59.39 -0.80 0.00	49.15 -0.71 0.00	48.88 -0.61 0.00	39.97 -0.51 0.00	37.35 -0.21 0.00
REGAN___SOLAR 323812	59.25 7.32 0.00	49.67 5.96 0.00	45.58 5.28 0.00	33.17 3.73 0.00	30.53 3.38 0.00	32.41 3.61 0.00	47.80 5.24 0.00	50.74 4.83 0.00	43.15 4.42 0.00	45.44 3.58 0.00	56.17 4.34 0.00	77.59 5.92 0.00	68.97 3.31 0.00	74.65 4.67 0.00	78.14 6.71 0.00	95.09 5.15 -24.77	144.59 6.00 -86.19	349.94 20.39 -210.28	1242.88 12.72 -1156.65	476.25 9.86 -406.20	301.05 8.34 -242.86	111.77 7.93 -54.34	46.70 6.22 0.00	42.99 5.43 0.00
RENSSELAER___COGEN 23796	53.32 1.40 0.00	45.04 1.33 0.00	41.56 1.27 0.00	30.42 0.97 0.00	28.07 0.92 0.00	29.73 0.94 0.00	43.86 1.30 0.00	47.46 1.55 0.00	39.99 1.26 0.00	43.17 1.31 0.00	53.36 1.53 0.00	73.62 1.95 0.00	67.72 2.06 0.00	72.45 2.47 0.00	73.81 2.39 0.00	83.75 2.24 -16.34	111.05 1.79 -56.86	251.53 3.85 -128.41	734.21 2.65 -658.06	293.07 2.03 -230.85	188.55 1.27 -137.42	81.51 1.26 -30.75	41.47 0.99 0.00	38.46 0.90 0.00
REPUBLIC_115KV_BARTNBRK 55605	56.43 4.51 0.00	47.19 3.48 0.00	43.56 3.26 0.00	32.01 2.57 0.00	30.34 3.19 0.00	32.58 3.78 0.00	48.31 5.76 0.00	52.19 6.28 0.00	44.28 5.55 0.00	48.03 6.17 0.00	59.83 8.00 0.00	83.35 11.68 0.00	76.60 10.94 0.00	81.90 11.92 0.00	82.80 11.38 0.00	102.71 11.25 -26.29	152.46 8.56 -91.50	360.99 19.09 -222.64	1305.94 10.57 -1221.86	497.31 8.03 -429.09	313.11 6.76 -256.51	113.51 6.62 -57.40	45.33 4.85 0.00	41.56 4.00 0.00
REVERE_CPPR_DRP 24186	54.60 2.67 0.00	45.87 2.16 0.00	42.25 1.95 0.00	30.79 1.35 0.00	28.40 1.25 0.00	30.11 1.32 0.00	44.65 2.09 0.00	48.17 2.27 0.00	40.73 2.00 0.00	44.05 2.19 0.00	54.49 2.66 0.00	75.63 3.96 0.00	69.51 3.86 0.00	74.28 4.31 0.00	75.58 4.15 0.00	69.06 3.89 0.00	55.99 3.59 0.00	127.60 8.34 0.00	78.11 4.61 0.00	64.18 3.62 -0.37	53.93 2.95 -1.12	53.67 2.91 -1.27	43.44 2.15 -0.81	40.09 1.85 -0.68
REYNOLDS_115KV_TB3 80639	53.77 1.85 0.00	45.40 1.69 0.00	41.89 1.60 0.00	30.68 1.24 0.00	28.31 1.16 0.00	29.99 1.20 0.00	44.18 1.63 0.00	47.80 1.89 0.00	40.30 1.57 0.00	43.51 1.65 0.00	53.84 2.01 0.00	74.30 2.64 0.00	68.49 2.83 0.00	73.26 3.28 0.00	74.63 3.20 0.00	85.79 3.02 -17.60	116.04 2.40 -61.23	264.90 5.25 -140.39	806.84 3.26 -730.07	318.81 2.46 -256.17	204.25 1.76 -152.64	85.43 1.78 -34.15	41.87 1.39 0.00	38.78 1.22 0.00
RIVERBAY____ 323610	56.70 4.78 0.00	47.91 4.19 0.00	44.20 3.91 0.00	32.43 2.98 0.00	29.86 2.72 0.00	31.60 2.81 0.00	46.82 4.27 0.00	50.80 4.89 0.00	43.34 4.61 0.00	46.83 4.97 0.00	57.92 6.09 0.00	79.82 8.15 0.00	73.30 7.64 0.00	78.25 8.27 0.00	79.91 8.49 0.00	78.86 7.84 -5.85	79.15 6.39 -20.35	167.24 13.90 -34.07	195.96 8.04 -114.42	106.27 6.28 -39.79	77.33 4.58 -22.89	58.94 4.32 -5.12	44.04 3.56 0.00	41.21 3.65 0.00
RIVERSIDE_115KV_TB3 55908	53.62 1.69 0.00	45.27 1.56 0.00	41.77 1.47 0.00	30.57 1.12 0.00	28.20 1.06 0.00	29.89 1.10 0.00	44.06 1.51 0.00	47.69 1.79 0.00	40.22 1.49 0.00	43.44 1.58 0.00	53.74 1.91 0.00	74.20 2.53 0.00	68.31 2.65 0.00	73.06 3.08 0.00	74.45 3.03 0.00	85.89 2.83 -17.89	116.91 2.27 -62.24	267.29 4.97 -143.05	822.42 3.24 -745.67	324.33 2.49 -261.65	207.45 1.67 -155.93	86.02 1.63 -34.89	41.74 1.26 0.00	38.69 1.13 0.00
ROARING___BROOK_WT_PWR 323790	51.38 -0.54 0.00	43.32 -0.39 0.00	39.97 -0.32 0.00	29.23 -0.21 0.00	26.96 -0.19 0.00	28.63 -0.16 0.00	42.17 -0.38 0.00	45.45 -0.46 0.00	38.23 -0.50 0.00	41.27 -0.59 0.00	50.93 -0.90 0.00	70.43 -1.24 0.00	64.78 -0.88 0.00	69.25 -0.73 0.00	70.73 -0.69 0.00	65.77 -0.67 -1.27	51.86 -0.55 0.00	117.29 -1.97 0.00	72.43 -1.08 0.00	59.39 -0.80 0.00	49.36 -0.49 0.00	48.90 -0.60 0.00	40.05 -0.43 0.00	37.20 -0.36 0.00
ROCHESRG_115KV_T4 355643	52.56 0.64 0.00	43.90 0.18 0.00	40.23 -0.07 0.00	29.18 -0.27 0.00	26.73 -0.43 0.00	28.14 -0.65 0.00	41.76 -0.80 0.00	44.50 -1.40 0.00	37.89 -0.85 0.00	41.34 -0.52 0.00	51.46 -0.37 0.00	70.98 -0.69 0.00	64.41 -1.25 0.00	69.01 -1.64 -0.67	69.62 -1.82 -0.02	63.03 -1.47 0.67	50.94 -1.44 0.03	116.08 -2.91 0.27	73.08 -1.79 -1.37	58.44 -1.75 0.00	48.36 -1.50 0.00	48.11 -1.38 0.00	39.38 -1.10 0.00	36.84 -0.73 0.00

ROCHESTER_9_IC 23652	52.97 1.05 0.00	44.23 0.51 0.00	40.52 0.23 0.00	29.38 -0.06 0.00	26.92 -0.23 0.00	28.34 -0.45 0.00	42.08 -0.48 0.00	44.86 -1.04 0.00	38.20 -0.53 0.00	41.70 -0.16 0.00	51.92 0.09 0.00	71.67 0.01 0.00	64.99 -0.67 0.00	69.90 -0.97 -0.90	70.27 -1.17 -0.02	64.12 -0.89 0.17	51.46 -0.97 -0.02	117.86 -1.85 -0.45	74.15 -1.17 -1.82	58.93 -1.27 0.00	48.76 -1.10 0.00	48.51 -0.99 0.00	39.69 -0.79 0.00	37.11 -0.45 0.00
ROCKVIEW_13_KV_LD 356306	55.99 4.06 0.00	47.24 3.53 0.00	43.61 3.32 0.00	31.90 2.46 0.00	29.40 2.25 0.00	31.14 2.34 0.00	46.12 3.57 0.00	50.00 4.09 0.00	42.68 3.95 0.00	46.21 4.35 0.00	57.23 5.40 0.00	78.93 7.26 0.00	72.50 6.84 0.00	77.33 7.35 0.00	79.01 7.59 0.00	78.16 7.14 -5.85	78.60 5.84 -20.35	166.26 12.93 -34.07	195.37 7.45 -114.42	105.56 5.57 -39.79	76.81 4.07 -22.89	58.56 3.94 -5.12	43.77 3.29 0.00	40.75 3.19 0.00
ROME____115KV_TB2 80656	54.60 2.67 0.00	45.87 2.16 0.00	42.25 1.95 0.00	30.79 1.35 0.00	28.40 1.25 0.00	30.11 1.32 0.00	44.65 2.09 0.00	48.17 2.27 0.00	40.73 2.00 0.00	44.05 2.19 0.00	54.49 2.66 0.00	75.63 3.96 0.00	69.51 3.86 0.00	74.28 4.31 0.00	75.58 4.15 0.00	69.06 3.89 0.00	55.99 3.59 0.00	127.60 8.34 0.00	78.11 4.61 0.00	64.18 3.62 -0.37	53.93 2.95 -1.12	53.67 2.91 -1.27	43.44 2.15 -0.81	40.09 1.85 -0.68
ROSETON____1 23587	54.86 2.94 0.00	46.29 2.58 0.00	42.73 2.44 0.00	31.26 1.81 0.00	28.84 1.69 0.00	30.51 1.72 0.00	45.16 2.61 0.00	48.96 3.05 0.00	41.61 2.87 0.00	45.01 3.15 0.00	55.76 3.93 0.00	76.96 5.29 0.00	70.72 5.06 0.00	75.41 5.43 0.00	77.02 5.60 0.00	76.20 5.24 -5.79	76.86 4.30 -20.15	162.27 9.48 -33.52	190.11 5.45 -111.16	102.90 4.06 -38.65	74.98 2.93 -22.20	57.31 2.84 -4.97	42.86 2.38 0.00	39.82 2.26 0.00
ROSETON____2 23588	54.86 2.94 0.00	46.29 2.58 0.00	42.73 2.44 0.00	31.26 1.81 0.00	28.84 1.69 0.00	30.51 1.72 0.00	45.16 2.61 0.00	48.96 3.05 0.00	41.61 2.87 0.00	45.01 3.15 0.00	55.76 3.93 0.00	76.96 5.29 0.00	70.72 5.06 0.00	75.41 5.43 0.00	77.02 5.60 0.00	76.20 5.24 -5.79	76.86 4.30 -20.15	162.27 9.48 -33.52	190.11 5.45 -111.16	102.90 4.06 -38.65	74.98 2.93 -22.20	57.31 2.84 -4.97	42.86 2.38 0.00	39.82 2.26 0.00
ROTTDAM_115KV_TB3 80664	54.16 2.23 0.00	45.66 1.94 0.00	42.10 1.80 0.00	30.77 1.33 0.00	28.40 1.25 0.00	30.10 1.31 0.00	44.47 1.91 0.00	48.03 2.13 0.00	40.52 1.78 0.00	43.79 1.93 0.00	54.19 2.36 0.00	74.93 3.26 0.00	68.78 3.12 0.00	73.48 3.50 0.00	74.96 3.54 0.00	96.57 3.31 -28.09	152.83 2.68 -97.74	365.13 6.27 -239.60	1400.62 3.86 -1323.24	527.89 2.97 -464.73	330.14 2.37 -277.92	114.03 2.35 -62.19	42.33 1.85 0.00	39.20 1.64 0.00
RUSSELL____1 23602	53.35 1.43 0.00	44.52 0.81 0.00	40.79 0.49 0.00	29.57 0.12 0.00	27.08 -0.07 0.00	28.52 -0.27 0.00	42.35 -0.21 0.00	45.17 -0.74 0.00	38.48 -0.25 0.00	42.00 0.14 0.00	52.32 0.49 0.00	72.25 0.58 0.00	65.54 -0.12 0.00	70.48 -0.39 -0.90	70.88 -0.57 -0.02	64.64 -0.37 0.17	51.88 -0.55 -0.02	118.81 -0.90 -0.45	74.73 -0.59 -1.82	59.40 -0.80 0.00	49.14 -0.72 0.00	48.88 -0.62 0.00	39.97 -0.51 0.00	37.35 -0.21 0.00
RUSSELL____2 23532	53.35 1.43 0.00	44.52 0.81 0.00	40.79 0.49 0.00	29.57 0.12 0.00	27.08 -0.07 0.00	28.52 -0.27 0.00	42.35 -0.21 0.00	45.17 -0.74 0.00	38.48 -0.25 0.00	42.00 0.14 0.00	52.32 0.49 0.00	72.25 0.58 0.00	65.54 -0.12 0.00	70.48 -0.39 -0.90	70.88 -0.57 -0.02	64.64 -0.37 0.17	51.88 -0.55 -0.02	118.81 -0.90 -0.45	74.73 -0.59 -1.82	59.40 -0.80 0.00	49.14 -0.72 0.00	48.88 -0.62 0.00	39.97 -0.51 0.00	37.35 -0.21 0.00
RUSSELL____3 23549	53.35 1.43 0.00	44.52 0.81 0.00	40.79 0.49 0.00	29.57 0.12 0.00	27.08 -0.07 0.00	28.52 -0.27 0.00	42.35 -0.21 0.00	45.17 -0.74 0.00	38.48 -0.25 0.00	42.00 0.14 0.00	52.32 0.49 0.00	72.25 0.58 0.00	65.54 -0.12 0.00	70.48 -0.39 -0.90	70.88 -0.57 -0.02	64.64 -0.37 0.17	51.88 -0.55 -0.02	118.81 -0.90 -0.45	74.73 -0.59 -1.82	59.40 -0.80 0.00	49.14 -0.72 0.00	48.88 -0.62 0.00	39.97 -0.51 0.00	37.35 -0.21 0.00
RUSSELL____4 23556	53.35 1.43 0.00	44.52 0.81 0.00	40.79 0.49 0.00	29.57 0.12 0.00	27.08 -0.07 0.00	28.52 -0.27 0.00	42.35 -0.21 0.00	45.17 -0.74 0.00	38.48 -0.25 0.00	42.00 0.14 0.00	52.32 0.49 0.00	72.25 0.58 0.00	65.54 -0.12 0.00	70.48 -0.39 -0.90	70.88 -0.57 -0.02	64.64 -0.37 0.17	51.88 -0.55 -0.02	118.81 -0.90 -0.45	74.73 -0.59 -1.82	59.40 -0.80 0.00	49.14 -0.72 0.00	48.88 -0.62 0.00	39.97 -0.51 0.00	37.35 -0.21 0.00
RUSSELL____STATION 23914	53.35 1.43 0.00	44.52 0.81 0.00	40.79 0.49 0.00	29.57 0.12 0.00	27.08 -0.07 0.00	28.52 -0.27 0.00	42.35 -0.21 0.00	45.17 -0.74 0.00	38.48 -0.25 0.00	42.00 0.14 0.00	52.32 0.49 0.00	72.25 0.58 0.00	65.54 -0.12 0.00	70.48 -0.39 -0.90	70.88 -0.57 -0.02	64.64 -0.37 0.17	51.88 -0.55 -0.02	118.81 -0.90 -0.45	74.73 -0.59 -1.82	59.40 -0.80 0.00	49.14 -0.72 0.00	48.88 -0.62 0.00	39.97 -0.51 0.00	37.35 -0.21 0.00
S SALMON____HYD 24043	51.51 -0.41 0.00	43.28 -0.43 0.00	39.91 -0.39 0.00	29.11 -0.33 0.00	26.84 -0.31 0.00	28.43 -0.36 0.00	42.13 -0.43 0.00	45.42 -0.49 0.00	38.36 -0.37 0.00	41.47 -0.39 0.00	51.25 -0.58 0.00	71.20 -0.47 0.00	65.07 -0.59 0.00	69.23 -0.75 0.00	70.69 -0.73 0.00	64.38 -0.59 0.21	51.97 -0.43 0.00	118.37 -0.89 0.00	73.31 -0.20 0.00	61.86 -0.21 -1.88	55.47 -0.09 -5.71	55.89 -0.04 -6.43	44.40 -0.18 -4.10	40.82 -0.22 -3.48
S.PERRY__115KV_TB1 80734	53.45 1.53 0.00	44.56 0.85 0.00	40.78 0.48 0.00	29.48 0.03 0.00	26.90 -0.25 0.00	28.13 -0.66 0.00	41.89 -0.67 0.00	44.79 -1.12 0.00	38.08 -0.65 0.00	41.24 -0.62 0.00	51.35 -0.48 0.00	70.10 -1.57 0.00	61.82 -3.84 0.00	65.74 -4.24 0.00	73.88 -4.83 -7.29	66.63 -3.21 -4.68	53.23 -2.91 -3.73	121.17 -6.27 -8.18	71.80 -3.23 -1.52	57.91 -2.71 -0.43	47.95 -1.90 0.00	49.45 -0.05 0.00	40.32 -0.16 0.00	37.42 -0.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	52.59 0.67 0.00	43.75 0.04 0.00	39.97 -0.32 0.00	28.84 -0.60 0.00	26.29 -0.86 0.00	27.48 -1.31 0.00	40.84 -1.72 0.00	43.08 -2.82 0.00	36.85 -1.89 0.00	40.52 -1.34 0.00	50.61 -1.22 0.00	69.36 -2.32 -0.01	62.73 -2.93 0.00	64.91 -3.98 1.09	65.33 -4.05 2.04	97.57 -3.32 -35.72	55.23 -2.94 -5.76	154.81 -6.20 -41.75	68.83 -3.86 0.82	57.04 -3.54 -0.39	46.95 -2.90 0.00	46.54 -2.96 0.00	38.19 -2.29 0.00	36.05 -1.51 0.00
SAWYER____23_KV_LOAD 55526	52.59 0.67 0.00	43.75 0.04 0.00	39.97 -0.32 0.00	28.84 -0.60 0.00	26.29 -0.86 0.00	27.48 -1.31 0.00	40.84 -1.72 0.00	43.08 -2.82 0.00	36.85 -1.89 0.00	40.52 -1.34 0.00	50.61 -1.22 0.00	69.36 -2.32 -0.01	62.73 -2.93 0.00	64.91 -3.98 1.09	65.33 -4.05 2.04	97.57 -3.32 -35.72	55.23 -2.94 -5.76	154.81 -6.20 -41.75	68.83 -3.86 0.82	57.04 -3.54 -0.39	46.95 -2.90 0.00	46.54 -2.96 0.00	38.19 -2.29 0.00	36.05 -1.51 0.00

SELKIRK___I 23801	53.72 1.80 0.00	45.42 1.71 0.00	41.91 1.61 0.00	30.66 1.21 0.00	28.28 1.13 0.00	29.97 1.18 0.00	44.18 1.63 0.00	47.70 1.79 0.00	40.12 1.39 0.00	43.29 1.43 0.00	53.38 1.55 0.00	73.33 1.66 0.00	67.19 1.53 0.00	71.79 1.81 0.00	73.24 1.82 0.00	79.83 1.65 -13.01	99.02 1.35 -45.27	218.82 2.92 -96.64	542.31 1.91 -466.89	225.23 1.42 -163.62	147.84 0.96 -97.03	72.19 0.98 -21.71	41.37 0.89 0.00	38.60 1.04 0.00
SELKIRK___II 23799	53.41 1.49 0.00	45.19 1.47 0.00	41.70 1.41 0.00	30.51 1.06 0.00	28.14 0.99 0.00	29.82 1.02 0.00	43.98 1.43 0.00	47.56 1.66 0.00	40.07 1.34 0.00	43.21 1.35 0.00	53.19 1.37 0.00	73.33 1.66 0.00	67.24 1.58 0.00	71.90 1.92 0.00	73.27 1.85 0.00	80.85 1.73 -13.95	102.32 1.36 -48.56	227.83 2.86 -105.70	597.09 1.92 -521.67	244.50 1.42 -182.88	159.37 0.92 -108.61	74.73 0.93 -24.30	41.27 0.79 0.00	38.40 0.84 0.00
SENECA OSWGO___HYD 24041	51.40 -0.53 0.00	43.21 -0.51 0.00	39.77 -0.52 0.00	28.99 -0.45 0.00	26.70 -0.45 0.00	28.24 -0.55 0.00	41.83 -0.72 0.00	45.08 -0.83 0.00	38.04 -0.69 0.00	41.12 -0.74 0.00	50.93 -0.90 0.00	70.51 -1.16 0.00	64.50 -1.16 0.00	68.65 -1.33 0.00	69.96 -1.46 0.00	64.14 -1.03 0.00	51.52 -0.89 0.00	117.26 -2.00 0.00	72.42 -1.08 0.00	62.10 -0.75 -2.66	57.37 -0.56 -8.08	58.09 -0.50 -9.10	45.78 -0.50 -5.80	41.98 -0.50 -4.92
SENECA___115KV_TB3 355854	53.30 1.37 0.00	44.34 0.62 0.00	40.50 0.20 0.00	29.19 -0.25 0.00	26.60 -0.55 0.00	27.79 -1.01 0.00	41.32 -1.23 0.00	43.73 -2.18 0.00	37.45 -1.29 0.00	41.22 -0.64 0.00	51.57 -0.26 0.00	70.76 -0.91 -0.01	64.04 -1.62 0.00	68.02 -2.69 -0.72	66.67 -2.65 2.10	83.62 -2.03 -20.48	55.38 -1.88 -4.85	142.50 -3.81 -27.04	74.02 -2.43 -2.94	58.21 -2.39 -0.42	47.88 -1.98 -0.01	47.39 -2.11 0.00	38.83 -1.65 0.00	36.56 -1.00 0.00
SENECA___ENERGY 23797	52.38 0.46 0.00	43.87 0.16 0.00	40.28 -0.01 0.00	29.29 -0.16 0.00	26.88 -0.27 0.00	28.31 -0.48 0.00	42.04 -0.51 0.00	45.27 -0.64 0.00	38.36 -0.37 0.00	41.66 -0.20 0.00	51.81 -0.02 0.00	71.77 0.10 0.00	65.56 -0.11 0.00	69.67 -0.31 0.00	71.79 -0.19 -0.56	65.39 0.21 0.00	52.04 -0.36 0.00	118.84 -0.43 0.00	73.33 -0.18 0.00	60.89 -0.26 -0.95	52.47 -0.28 -2.90	52.48 -0.28 -3.26	42.24 -0.32 -2.08	38.99 -0.34 -1.76
SHOEMAKER___GT 23640	54.81 2.89 0.00	46.20 2.49 0.00	42.61 2.32 0.00	31.15 1.70 0.00	28.73 1.58 0.00	30.39 1.60 0.00	45.01 2.46 0.00	48.75 2.84 0.00	41.43 2.69 0.00	44.85 2.99 0.00	55.60 3.77 0.00	76.76 5.09 0.00	70.48 4.82 0.00	75.01 5.03 0.00	76.55 5.13 0.00	75.20 4.86 -5.18	74.47 4.05 -18.01	158.43 9.06 -30.10	179.58 5.31 -100.77	99.30 4.06 -35.05	72.99 2.99 -20.15	56.89 2.89 -4.51	42.86 2.38 0.00	39.78 2.22 0.00
SHOEMAKR_138KV_BK 111 55601	54.77 2.85 0.00	46.17 2.46 0.00	42.59 2.29 0.00	31.13 1.69 0.00	28.71 1.56 0.00	30.38 1.59 0.00	44.99 2.43 0.00	48.74 2.83 0.00	41.42 2.69 0.00	44.85 2.99 0.00	55.60 3.77 0.00	76.78 5.11 0.00	70.49 4.83 0.00	75.02 5.04 0.00	76.60 5.17 0.00	75.18 4.88 -5.13	74.30 4.05 -17.84	158.17 9.08 -29.82	178.59 5.29 -99.80	98.92 4.03 -34.71	72.75 2.94 -19.96	56.81 2.84 -4.47	42.83 2.35 0.00	39.77 2.21 0.00
SHOREHAM_IC_1 23715	55.92 3.99 0.00	47.33 3.62 0.00	43.90 3.61 0.00	32.03 2.59 0.00	29.47 2.32 0.00	31.05 2.26 0.00	46.13 3.57 0.00	49.88 3.97 0.00	42.45 3.72 0.00	46.03 4.18 0.00	57.05 5.22 0.00	78.38 6.71 0.00	71.15 5.49 0.00	75.75 5.77 0.00	78.62 7.20 0.00	78.21 7.19 -5.85	78.63 5.89 -20.34	166.73 13.41 -34.05	195.69 7.81 -114.37	105.52 5.55 -39.78	76.12 3.39 -22.88	57.88 3.27 -5.12	49.52 3.25 -5.79	40.37 2.81 0.00
SHOREHAM_IC_2 23716	55.92 3.99 0.00	47.33 3.62 0.00	43.90 3.61 0.00	32.03 2.59 0.00	29.47 2.32 0.00	31.05 2.26 0.00	46.13 3.57 0.00	49.88 3.97 0.00	42.45 3.72 0.00	46.03 4.18 0.00	57.05 5.22 0.00	78.38 6.71 0.00	71.15 5.49 0.00	75.75 5.77 0.00	78.62 7.20 0.00	78.21 7.19 -5.85	78.63 5.89 -20.34	166.73 13.41 -34.05	195.69 7.81 -114.37	105.52 5.55 -39.78	76.12 3.39 -22.88	57.88 3.27 -5.12	49.52 3.25 -5.79	40.37 2.81 0.00
SISSONVILLE____ 23735	49.39 -2.53 0.00	41.30 -2.41 0.00	38.13 -2.17 0.00	27.89 -1.55 0.00	25.79 -1.36 0.00	27.57 -1.23 0.00	40.74 -1.81 0.00	43.86 -2.05 0.00	36.95 -1.78 0.00	39.85 -2.01 0.00	49.29 -2.54 0.00	68.34 -3.33 0.00	62.57 -3.08 0.00	66.58 -3.40 0.00	67.75 -3.67 0.00	59.27 -3.63 2.27	49.46 -2.94 0.00	113.05 -6.21 0.00	69.67 -3.83 0.00	57.61 -2.83 -0.25	49.04 -1.56 -0.75	48.98 -1.36 -0.84	39.92 -1.10 -0.54	37.10 -0.91 -0.46
SITHE_IND_GS1 24169	50.57 -1.35 0.00	42.53 -1.18 0.00	39.17 -1.13 0.00	28.56 -0.88 0.00	26.31 -0.84 0.00	27.85 -0.95 0.00	41.20 -1.36 0.00	44.39 -1.52 0.00	37.47 -1.26 0.00	40.50 -1.36 0.00	50.19 -1.64 0.00	69.44 -2.23 0.00	63.51 -2.15 0.00	67.63 -2.35 0.00	69.02 -2.41 0.00	63.05 -2.11 0.00	50.66 -1.75 0.00	115.35 -3.91 0.00	71.19 -2.32 0.00	51.02 -1.84 7.33	26.11 -1.46 22.28	23.02 -1.39 25.08	23.32 -1.17 15.99	22.91 -1.08 13.57
SITHE_IND_GS2 24170	50.57 -1.35 0.00	42.53 -1.18 0.00	39.17 -1.13 0.00	28.56 -0.88 0.00	26.31 -0.84 0.00	27.85 -0.95 0.00	41.20 -1.36 0.00	44.39 -1.52 0.00	37.47 -1.26 0.00	40.50 -1.36 0.00	50.19 -1.64 0.00	69.44 -2.23 0.00	63.51 -2.15 0.00	67.63 -2.35 0.00	69.02 -2.41 0.00	63.05 -2.11 0.00	50.66 -1.75 0.00	115.35 -3.91 0.00	71.19 -2.32 0.00	51.02 -1.84 7.33	26.11 -1.46 22.28	23.02 -1.39 25.08	23.32 -1.17 15.99	22.91 -1.08 13.57
SITHE_IND_GS3 24171	50.57 -1.35 0.00	42.53 -1.18 0.00	39.17 -1.13 0.00	28.56 -0.88 0.00	26.31 -0.84 0.00	27.85 -0.95 0.00	41.20 -1.36 0.00	44.39 -1.52 0.00	37.47 -1.26 0.00	40.50 -1.36 0.00	50.19 -1.64 0.00	69.44 -2.23 0.00	63.51 -2.15 0.00	67.63 -2.35 0.00	69.02 -2.41 0.00	63.05 -2.11 0.00	50.66 -1.75 0.00	115.35 -3.91 0.00	71.19 -2.32 0.00	51.02 -1.84 7.33	26.11 -1.46 22.28	23.02 -1.39 25.08	23.32 -1.17 15.99	22.91 -1.08 13.57
SITHE_IND_GS4 24172	50.57 -1.35 0.00	42.53 -1.18 0.00	39.17 -1.13 0.00	28.56 -0.88 0.00	26.31 -0.84 0.00	27.85 -0.95 0.00	41.20 -1.36 0.00	44.39 -1.52 0.00	37.47 -1.26 0.00	40.50 -1.36 0.00	50.19 -1.64 0.00	69.44 -2.23 0.00	63.51 -2.15 0.00	67.63 -2.35 0.00	69.02 -2.41 0.00	63.05 -2.11 0.00	50.66 -1.75 0.00	115.35 -3.91 0.00	71.19 -2.32 0.00	51.02 -1.84 7.33	26.11 -1.46 22.28	23.02 -1.39 25.08	23.32 -1.17 15.99	22.91 -1.08 13.57
SITHE___BATAVIA 24024	54.15 2.22 0.00	45.07 1.35 0.00	41.17 0.88 0.00	29.75 0.31 0.00	27.17 0.02 0.00	28.52 -0.27 0.00	42.45 -0.10 0.00	45.01 -0.90 0.00	38.46 -0.28 0.00	42.15 0.29 0.00	52.40 0.57 0.00	72.36 0.69 0.00	65.03 -0.63 0.00	77.24 -0.72 -7.97	69.50 -1.09 0.84	77.92 -0.62 -13.37	52.82 -0.90 -1.32	139.25 -1.19 -21.17	88.91 -0.77 -16.17	59.12 -1.09 -0.01	48.99 -0.87 -0.01	48.60 -0.90 0.00	39.76 -0.72 0.00	37.35 -0.21 0.00

SITHE___INDEPEND 23800	50.57 -1.35 0.00	42.53 -1.18 0.00	39.17 -1.13 0.00	28.56 -0.88 0.00	26.31 -0.84 0.00	27.85 -0.94 0.00	41.20 -1.35 0.00	44.38 -1.52 0.00	37.47 -1.26 0.00	40.50 -1.36 0.00	50.19 -1.64 0.00	69.44 -2.23 0.00	63.51 -2.15 0.00	67.63 -2.35 0.00	69.02 -2.41 0.00	63.05 -2.12 0.00	50.66 -1.75 0.00	115.34 -3.92 0.00	71.19 -2.32 0.00	51.02 -1.84 7.33	26.11 -1.46 22.28	23.02 -1.39 25.08	23.32 -1.17 15.99	22.91 -1.08 13.57
SITHE___MASSENA 23902	50.36 -1.56 0.00	42.13 -1.58 0.00	38.85 -1.44 0.00	28.41 -1.03 0.00	26.26 -0.89 0.00	28.04 -0.75 0.00	41.40 -1.15 0.00	44.55 -1.35 0.00	37.52 -1.21 0.00	40.46 -1.40 0.00	50.07 -1.76 0.00	69.23 -2.44 0.00	63.42 -2.24 0.00	67.50 -2.48 0.00	68.88 -2.55 0.00	59.86 -2.57 2.74	50.36 -2.05 0.00	114.69 -4.57 0.00	70.78 -2.73 0.00	57.84 -2.35 0.00	48.67 -1.18 0.00	48.31 -1.18 0.00	39.60 -0.88 0.00	36.87 -0.69 0.00
SITHE___OGDNSBRG 24021	50.78 -1.14 0.00	42.40 -1.31 0.00	39.08 -1.22 0.00	28.57 -0.87 0.00	26.43 -0.72 0.00	28.28 -0.52 0.00	41.84 -0.72 0.00	44.94 -0.96 0.00	37.90 -0.83 0.00	40.90 -0.96 0.00	50.68 -1.15 0.00	70.14 -1.53 0.00	64.24 -1.42 0.00	68.28 -1.70 0.00	69.40 -2.02 0.00	60.50 -2.22 2.45	50.52 -1.89 0.00	115.80 -3.47 0.00	71.42 -2.08 0.00	58.47 -1.72 0.00	49.28 -0.57 0.00	48.97 -0.53 0.00	40.08 -0.40 0.00	37.26 -0.30 0.00
SITHE___STERLING 23777	54.17 2.24 0.00	45.52 1.80 0.00	41.91 1.61 0.00	30.55 1.11 0.00	28.16 1.01 0.00	29.83 1.04 0.00	44.22 1.66 0.00	47.71 1.80 0.00	40.32 1.59 0.00	43.64 1.78 0.00	54.03 2.20 0.00	74.83 3.16 0.00	68.76 3.09 0.00	73.44 3.46 0.00	74.73 3.30 0.00	68.31 3.14 0.00	55.31 2.90 0.00	126.05 6.78 0.00	77.16 3.66 0.00	63.49 2.90 -0.39	53.43 2.38 -1.19	53.17 2.33 -1.34	43.08 1.74 -0.86	39.78 1.49 -0.73
SLEIGHT___34_KV_TB1 80719	52.62 0.70 0.00	44.02 0.32 0.00	40.38 0.08 0.00	29.33 -0.11 0.00	26.90 -0.25 0.00	28.39 -0.40 0.00	42.19 -0.36 0.00	45.22 -0.69 0.00	38.40 -0.33 0.00	41.78 -0.08 0.00	52.01 0.18 0.00	72.00 0.33 0.00	65.57 -0.09 0.00	69.78 -0.19 0.00	71.16 -0.26 0.00	64.08 -0.06 1.03	51.97 -0.36 0.08	117.54 -0.58 1.15	73.19 -0.32 0.00	59.98 -0.47 -0.25	50.16 -0.45 -0.76	49.94 -0.42 -0.85	40.61 -0.42 -0.55	37.73 -0.29 -0.46
SOUTH CAIRO___GT 23612	56.13 4.20 0.00	47.32 3.61 0.00	43.56 3.26 0.00	31.81 2.37 0.00	29.34 2.19 0.00	31.10 2.31 0.00	45.89 3.34 0.00	49.77 3.87 0.00	41.88 3.15 0.00	45.02 3.16 0.00	55.62 3.79 0.00	76.78 5.12 0.00	70.56 4.90 0.00	76.14 6.16 0.00	77.17 5.75 0.00	83.26 5.57 -12.52	99.97 4.00 -43.56	220.83 7.89 -93.68	535.73 5.96 -456.26	224.86 4.75 -159.92	148.62 3.89 -94.88	75.38 4.65 -21.23	44.07 3.59 0.00	40.68 3.12 0.00
SOUTH HAMPTN___IC 23720	56.87 4.94 0.00	47.97 4.26 0.00	44.44 4.14 0.00	32.42 2.97 0.00	29.77 2.62 0.00	31.31 2.52 0.00	46.58 4.03 0.00	50.43 4.52 0.00	42.97 4.23 0.00	46.73 4.87 0.00	57.98 6.15 0.00	79.70 8.03 0.00	72.71 7.04 0.00	77.47 7.49 0.00	79.98 8.56 0.00	79.39 8.38 -5.85	79.48 6.73 -20.34	168.67 15.35 -34.05	196.78 8.90 -114.37	106.33 6.36 -39.78	76.74 4.01 -22.88	58.42 3.80 -5.12	50.10 3.83 -5.79	40.79 3.23 0.00
SOUTHDOW_115KV_TB1 355954	55.67 3.74 0.00	46.20 2.49 0.00	42.00 1.70 0.00	29.97 0.53 0.00	27.24 0.09 0.00	28.45 -0.34 0.00	42.62 0.07 0.00	45.28 -0.63 0.00	39.17 0.43 0.00	44.15 2.30 0.00	55.63 3.81 0.00	76.52 4.85 -0.01	70.39 4.73 0.00	74.77 4.35 -0.44	74.86 4.58 1.14	86.99 4.48 -17.34	60.59 3.27 -4.91	150.55 8.02 -23.27	80.72 4.71 -2.51	63.69 3.04 -0.45	52.01 2.15 0.00	51.05 1.55 0.00	40.77 0.29 0.00	38.14 0.58 0.00
SOUTHOLD_69_KV_BK 2 55809	57.86 5.94 0.00	48.53 4.82 0.00	44.86 4.57 0.00	32.69 3.25 0.00	29.93 2.78 0.00	31.36 2.57 0.00	46.74 4.19 0.00	50.73 4.83 0.00	43.28 4.55 0.00	47.23 5.38 0.00	58.69 6.86 0.00	80.62 8.95 0.00	73.43 7.77 0.00	78.28 8.30 0.00	80.83 9.40 0.00	79.96 8.95 -5.85	79.06 6.31 -20.34	167.65 14.33 -34.05	195.99 8.11 -114.37	105.63 5.65 -39.78	76.17 3.45 -22.88	57.87 3.25 -5.12	50.42 4.15 -5.79	40.93 3.37 0.00
SOUTHOLD___IC 23719	57.86 5.94 0.00	48.53 4.82 0.00	44.86 4.57 0.00	32.69 3.25 0.00	29.93 2.78 0.00	31.36 2.57 0.00	46.74 4.19 0.00	50.73 4.82 0.00	43.28 4.55 0.00	47.23 5.37 0.00	58.69 6.86 0.00	80.62 8.95 0.00	73.42 7.77 0.00	78.27 8.29 0.00	80.83 9.40 0.00	79.96 8.94 -5.85	79.06 6.31 -20.34	167.61 14.29 -34.05	195.99 8.11 -114.37	105.62 5.65 -39.78	76.17 3.44 -22.88	57.87 3.25 -5.12	50.42 4.15 -5.79	40.93 3.37 0.00
SOUTH_FORK_WT_PWR 323839	57.71 5.79 0.00	48.24 4.53 0.00	44.55 4.25 0.00	32.46 3.01 0.00	29.65 2.50 0.00	30.96 2.17 0.00	46.21 3.66 0.00	50.18 4.28 0.00	42.82 4.09 0.00	46.80 4.94 0.00	58.19 6.36 0.00	79.87 8.20 0.00	72.64 6.98 0.00	77.47 7.49 0.00	79.89 8.47 0.00	79.22 8.20 -5.85	78.90 6.15 -20.34	167.27 13.95 -34.05	195.64 7.77 -114.37	105.36 5.39 -39.78	76.02 3.29 -22.88	57.62 3.00 -5.12	49.95 3.69 -5.79	40.41 2.85 0.00
SPIERFLS_115KV_TB 1 80737	54.96 3.03 0.00	46.18 2.47 0.00	42.54 2.25 0.00	31.13 1.69 0.00	28.94 1.79 0.00	30.74 1.95 0.00	45.48 2.92 0.00	49.17 3.26 0.00	41.61 2.88 0.00	45.03 3.17 0.00	55.58 3.75 0.00	76.96 5.29 0.00	70.67 5.02 0.00	75.58 5.60 0.00	76.97 5.54 0.00	97.01 5.36 -26.48	148.96 4.42 -92.14	354.11 10.46 -224.38	1312.43 6.61 -1232.31	498.02 5.07 -432.76	312.86 4.30 -258.72	111.57 4.18 -57.89	43.63 3.15 0.00	40.20 2.64 0.00
ST LAWRENCE____ 23600	50.34 -1.59 0.00	42.21 -1.51 0.00	38.90 -1.40 0.00	28.46 -0.98 0.00	26.30 -0.85 0.00	28.05 -0.74 0.00	41.40 -1.15 0.00	44.56 -1.34 0.00	37.54 -1.19 0.00	40.48 -1.37 0.00	50.09 -1.74 0.00	69.23 -2.43 0.00	63.42 -2.24 0.00	67.51 -2.47 0.00	68.93 -2.49 0.00	59.82 -2.48 2.87	50.41 -2.00 0.00	114.80 -4.46 0.00	70.85 -2.66 0.00	58.36 -1.84 0.00	48.61 -1.24 0.00	48.21 -1.29 0.00	39.47 -1.01 0.00	36.64 -0.92 0.00
STATE_CA_115KV_115_LB 55624	53.82 1.90 0.00	45.44 1.73 0.00	41.91 1.61 0.00	30.66 1.21 0.00	28.29 1.14 0.00	29.99 1.19 0.00	44.22 1.67 0.00	47.86 1.96 0.00	40.35 1.62 0.00	43.61 1.76 0.00	53.97 2.14 0.00	74.55 2.88 0.00	68.62 2.96 0.00	73.37 3.39 0.00	74.79 3.36 0.00	87.59 3.14 -19.28	122.02 2.53 -67.09	281.07 5.58 -156.23	901.69 3.68 -824.51	352.39 2.83 -289.37	224.34 1.91 -172.58	89.98 1.87 -38.62	41.91 1.43 0.00	38.84 1.28 0.00
STATE_ST_34_KV_LOAD 55959	52.83 0.90 0.00	44.44 0.73 0.00	40.87 0.58 0.00	29.77 0.33 0.00	27.30 0.16 0.00	28.90 0.11 0.00	42.90 0.35 0.00	46.18 0.28 0.00	39.05 0.32 0.00	42.25 0.39 0.00	52.45 0.62 0.00	72.82 1.15 0.00	66.36 0.70 0.00	70.85 0.87 0.00	72.70 0.99 -0.29	66.46 1.29 0.00	53.06 0.66 0.00	120.73 1.47 0.00	74.59 1.08 0.00	62.10 0.80 -1.11	54.02 0.80 -3.37	54.04 0.75 -3.79	43.44 0.54 -2.42	39.96 0.35 -2.05

STATION 5_MISC_HYD 23604	52.97 1.05 0.00	44.23 0.52 0.00	40.52 0.23 0.00	29.38 -0.06 0.00	26.91 -0.24 0.00	28.34 -0.45 0.00	42.08 -0.48 0.00	44.86 -1.04 0.00	38.20 -0.53 0.00	41.70 -0.16 0.00	51.92 0.09 0.00	71.66 -0.01 0.00	64.98 -0.68 0.00	69.89 -0.99 -0.90	70.27 -1.17 -0.02	64.16 -0.85 0.17	51.46 -0.97 -0.02	117.96 -1.75 -0.45	74.19 -1.13 -1.82	58.94 -1.25 0.00	48.77 -1.08 0.00	48.52 -0.98 0.00	39.69 -0.79 0.00	37.11 -0.45 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	53.25 1.33 0.00	44.47 0.76 0.00	40.78 0.48 0.00	29.60 0.16 0.00	27.16 0.01 0.00	28.61 -0.18 0.00	42.51 -0.04 0.00	45.58 -0.33 0.00	38.75 0.02 0.00	42.22 0.36 0.00	52.59 0.76 0.00	72.73 1.07 0.00	66.25 0.59 0.00	70.40 0.42 0.00	71.88 0.46 0.00	64.87 0.53 0.83	52.53 0.18 0.06	119.09 0.75 0.92	74.00 0.49 0.00	60.60 0.14 -0.27	50.68 0.02 -0.82	50.48 0.06 -0.92	41.03 -0.04 -0.59	38.13 0.07 -0.50
STA_56_34_KV_BUS2_REV_LBMP_B 345033	52.67 0.74 0.00	43.97 0.26 0.00	40.29 0.00 0.00	29.23 -0.21 0.00	26.79 -0.37 0.00	28.21 -0.58 0.00	41.89 -0.67 0.00	44.72 -1.19 0.00	38.06 -0.67 0.00	41.53 -0.33 0.00	51.72 -0.11 0.00	71.45 -0.21 0.00	64.86 -0.80 0.00	69.73 -1.10 -0.85	70.15 -1.29 -0.02	64.06 -1.02 0.10	51.38 -1.05 -0.02	117.68 -2.08 -0.50	73.94 -1.29 -1.72	58.83 -1.37 0.00	48.66 -1.19 0.00	48.40 -1.10 0.00	39.57 -0.91 0.00	36.96 -0.60 0.00
STA_56____34_KV_BUS2 355983	52.67 0.74 0.00	43.97 0.26 0.00	40.29 0.00 0.00	29.23 -0.21 0.00	26.79 -0.37 0.00	28.21 -0.58 0.00	41.89 -0.67 0.00	44.72 -1.19 0.00	38.06 -0.67 0.00	41.53 -0.33 0.00	51.72 -0.11 0.00	71.45 -0.21 0.00	64.86 -0.80 0.00	69.73 -1.10 -0.85	70.15 -1.29 -0.02	64.06 -1.02 0.10	51.38 -1.05 -0.02	117.68 -2.08 -0.50	73.94 -1.29 -1.72	58.83 -1.37 0.00	48.66 -1.19 0.00	48.40 -1.10 0.00	39.57 -0.91 0.00	36.96 -0.60 0.00
STA_67____115KV_BK2 355882	52.81 0.89 0.00	44.10 0.39 0.00	40.41 0.12 0.00	29.30 -0.14 0.00	26.84 -0.31 0.00	28.27 -0.53 0.00	41.95 -0.60 0.00	44.73 -1.18 0.00	38.08 -0.65 0.00	41.56 -0.30 0.00	51.75 -0.08 0.00	71.39 -0.27 0.00	64.77 -0.89 0.00	69.61 -1.24 -0.86	70.03 -1.42 -0.02	63.82 -1.12 0.24	51.28 -1.14 -0.01	117.34 -2.26 -0.34	73.85 -1.41 -1.75	58.75 -1.45 0.00	48.60 -1.25 0.00	48.36 -1.14 0.00	39.57 -0.91 0.00	37.01 -0.55 0.00
STA_7____115KV_9TRANS 80674	53.35 1.43 0.00	44.52 0.81 0.00	40.79 0.49 0.00	29.57 0.12 0.00	27.08 -0.07 0.00	28.52 -0.27 0.00	42.35 -0.21 0.00	45.17 -0.74 0.00	38.48 -0.25 0.00	42.00 0.14 0.00	52.32 0.49 0.00	72.25 0.58 0.00	65.54 -0.12 0.00	70.48 -0.39 -0.90	70.88 -0.57 -0.02	64.64 -0.37 0.17	51.88 -0.55 -0.02	118.81 -0.90 -0.45	74.73 -0.59 -1.82	59.40 -0.80 0.00	49.14 -0.72 0.00	48.88 -0.62 0.00	39.97 -0.51 0.00	37.35 -0.21 0.00
STA_82____115KV_TB1 80780	52.84 0.92 0.00	44.11 0.40 0.00	40.43 0.13 0.00	29.32 -0.13 0.00	26.86 -0.29 0.00	28.27 -0.52 0.00	41.97 -0.58 0.00	44.74 -1.16 0.00	38.10 -0.64 0.00	41.57 -0.28 0.00	51.77 -0.06 0.00	71.46 -0.21 0.00	64.79 -0.87 0.00	69.83 -1.20 -1.05	70.06 -1.39 -0.03	64.27 -1.08 -0.18	51.33 -1.13 -0.05	118.01 -2.20 -0.95	74.26 -1.37 -2.12	58.78 -1.42 0.00	48.63 -1.23 0.00	48.40 -1.10 0.00	39.59 -0.89 0.00	37.02 -0.54 0.00
STEEL____WIND 323596	53.23 1.31 0.00	44.29 0.58 0.00	40.45 0.15 0.00	29.16 -0.28 0.00	26.56 -0.59 0.00	27.74 -1.05 0.00	41.26 -1.29 0.00	43.68 -2.23 0.00	37.39 -1.35 0.00	41.17 -0.69 0.00	51.49 -0.34 0.00	70.64 -1.03 -0.01	63.94 -1.72 0.00	67.87 -2.83 -0.72	66.56 -2.76 2.10	83.59 -2.07 -20.48	55.29 -1.97 -4.85	142.46 -3.85 -27.04	73.95 -2.50 -2.94	58.15 -2.46 -0.42	47.85 -2.01 -0.01	47.32 -2.17 0.00	38.76 -1.72 0.00	36.52 -1.04 0.00
STEPHTWN_115KV_BK_2 55603	54.06 2.14 0.00	45.61 1.89 0.00	42.04 1.74 0.00	30.74 1.30 0.00	28.38 1.23 0.00	30.11 1.32 0.00	44.43 1.88 0.00	48.22 2.31 0.00	40.54 1.81 0.00	43.89 2.04 0.00	54.53 2.70 0.00	74.95 3.29 0.00	68.95 3.29 0.00	73.81 3.83 0.00	75.18 3.76 0.00	85.02 3.52 -16.34	112.08 2.81 -56.86	254.03 6.35 -128.41	735.79 4.22 -658.06	294.22 3.19 -230.85	189.43 2.15 -137.42	82.45 2.21 -30.75	42.15 1.67 0.00	39.00 1.44 0.00
STEUBEN_REC_LFGE 323667	54.27 2.34 0.00	45.21 1.49 0.00	41.14 0.84 0.00	29.59 0.15 0.00	26.75 -0.40 0.00	27.77 -1.02 0.00	41.42 -1.13 0.00	44.52 -1.39 0.00	38.04 -0.70 0.00	41.38 -0.47 0.00	52.10 0.27 0.00	72.02 0.35 0.00	65.06 -0.60 0.00	68.07 -1.91 0.00	74.94 -1.09 -4.61	71.89 0.35 -6.37	57.08 -0.32 -5.00	132.99 -0.12 -13.84	104.07 0.13 -30.43	71.19 0.03 -10.97	57.23 0.13 -7.25	52.16 0.06 -2.61	41.07 -0.19 -0.78	38.00 -0.22 -0.66
STILLWATER____SOLAR 323814	55.18 3.25 0.00	46.45 2.74 0.00	42.81 2.51 0.00	31.32 1.88 0.00	28.97 1.82 0.00	30.72 1.93 0.00	45.34 2.79 0.00	49.00 3.10 0.00	41.38 2.65 0.00	44.73 2.87 0.00	55.32 3.49 0.00	76.50 4.83 0.00	70.37 4.71 0.00	75.24 5.26 0.00	76.68 5.25 0.00	95.80 4.96 -25.67	145.78 4.05 -89.33	345.56 9.54 -216.76	1266.15 5.92 -1186.72	481.45 4.53 -416.73	302.63 3.69 -249.08	108.89 3.65 -55.74	43.30 2.82 0.00	40.00 2.44 0.00
STONY____BROOK 24151	56.01 4.08 0.00	47.56 3.84 0.00	44.18 3.88 0.00	32.24 2.80 0.00	29.67 2.52 0.00	31.28 2.48 0.00	46.45 3.90 0.00	50.16 4.25 0.00	42.49 3.76 0.00	46.02 4.16 0.00	56.99 5.16 0.00	78.36 6.69 0.00	71.65 5.99 0.00	76.28 6.30 0.00	78.55 7.12 0.00	78.12 7.11 -5.85	78.62 5.87 -20.34	166.64 13.33 -34.05	195.65 7.77 -114.37	105.48 5.50 -39.78	76.08 3.35 -22.88	57.89 3.27 -5.12	49.62 3.36 -5.79	40.52 2.96 0.00
STURGEON_POOL_HYD 23609	55.41 3.49 0.00	46.76 3.05 0.00	43.15 2.86 0.00	31.54 2.10 0.00	29.08 1.93 0.00	30.77 1.98 0.00	45.61 3.06 0.00	49.46 3.55 0.00	42.07 3.34 0.00	45.62 3.77 0.00	56.62 4.79 0.00	78.17 6.50 0.00	71.89 6.23 0.00	76.56 6.58 0.00	78.32 6.90 0.00	78.99 6.45 -7.36	83.34 5.31 -25.62	178.97 11.97 -47.73	273.62 6.76 -193.35	132.79 5.07 -67.54	93.15 3.78 -39.52	61.98 3.64 -8.84	43.43 2.95 0.00	40.30 2.75 0.00
ST_LAW_115_BK7_LBMP 345037	50.20 -1.72 0.00	42.07 -1.64 0.00	38.78 -1.52 0.00	28.37 -1.08 0.00	26.21 -0.94 0.00	27.97 -0.82 0.00	41.29 -1.26 0.00	44.45 -1.45 0.00	37.43 -1.30 0.00	40.36 -1.50 0.00	49.93 -1.90 0.00	69.02 -2.65 0.00	63.22 -2.44 0.00	67.30 -2.68 0.00	68.73 -2.69 0.00	59.65 -2.69 2.84	50.26 -2.15 0.00	114.42 -4.84 0.00	70.63 -2.88 0.00	58.16 -2.04 0.00	48.49 -1.36 0.00	48.09 -1.41 0.00	39.39 -1.09 0.00	36.56 -0.99 0.00
ST_LAW_115_BK8_LBMP 345038	50.20 -1.72 0.00	42.07 -1.64 0.00	38.78 -1.52 0.00	28.37 -1.08 0.00	26.21 -0.94 0.00	27.97 -0.82 0.00	41.29 -1.26 0.00	44.45 -1.45 0.00	37.43 -1.30 0.00	40.36 -1.50 0.00	49.93 -1.90 0.00	69.02 -2.65 0.00	63.22 -2.44 0.00	67.30 -2.68 0.00	68.73 -2.69 0.00	59.65 -2.69 2.84	50.26 -2.15 0.00	114.42 -4.84 0.00	70.63 -2.88 0.00	58.16 -2.04 0.00	48.49 -1.36 0.00	48.09 -1.41 0.00	39.39 -1.09 0.00	36.56 -0.99 0.00

ST_LAW_230_BK5_LBMP 345035	50.34 -1.59 0.00	42.21 -1.51 0.00	38.90 -1.40 0.00	28.46 -0.98 0.00	26.30 -0.85 0.00	28.05 -0.74 0.00	41.40 -1.15 0.00	44.56 -1.34 0.00	37.54 -1.19 0.00	40.48 -1.37 0.00	50.09 -1.74 0.00	69.23 -2.43 0.00	63.42 -2.24 0.00	67.51 -2.47 0.00	68.93 -2.49 0.00	59.79 -2.48 2.90	50.41 -2.00 0.00	114.80 -4.46 0.00	70.85 -2.66 0.00	58.36 -1.84 0.00	48.61 -1.24 0.00	48.21 -1.29 0.00	39.47 -1.01 0.00	36.64 -0.92 0.00
ST_LAW_230_BK6_LBMP 345036	50.34 -1.59 0.00	42.21 -1.51 0.00	38.90 -1.40 0.00	28.46 -0.98 0.00	26.30 -0.85 0.00	28.05 -0.74 0.00	41.40 -1.15 0.00	44.56 -1.34 0.00	37.54 -1.19 0.00	40.48 -1.37 0.00	50.09 -1.74 0.00	69.23 -2.43 0.00	63.42 -2.24 0.00	67.51 -2.47 0.00	68.93 -2.49 0.00	59.79 -2.48 2.90	50.41 -2.00 0.00	114.80 -4.46 0.00	70.85 -2.66 0.00	58.36 -1.84 0.00	48.61 -1.24 0.00	48.21 -1.29 0.00	39.47 -1.01 0.00	36.64 -0.92 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	55.08 3.16 0.00	46.43 2.72 0.00	42.82 2.53 0.00	31.31 1.87 0.00	28.87 1.72 0.00	30.55 1.76 0.00	45.26 2.71 0.00	49.10 3.19 0.00	41.81 3.08 0.00	45.28 3.42 0.00	56.17 4.33 0.00	77.55 5.88 0.00	71.22 5.56 0.00	75.84 5.86 0.00	77.44 6.02 0.00	76.16 5.65 -5.34	75.63 4.65 -18.57	160.77 10.46 -31.04	183.58 6.06 -104.01	100.94 4.58 -36.17	73.93 3.28 -20.80	57.33 3.17 -4.66	43.11 2.63 0.00	40.04 2.48 0.00
SWANROAD_115KV_TB1 355699	51.61 -0.31 0.00	42.97 -0.75 0.00	39.26 -1.04 0.00	28.35 -1.10 0.00	25.84 -1.32 0.00	27.02 -1.78 0.00	40.12 -2.43 0.00	42.13 -3.78 0.00	36.01 -2.73 0.00	39.52 -2.34 0.00	49.22 -2.61 0.00	67.45 -4.22 0.00	61.00 -4.67 0.00	69.22 -5.84 -5.08	63.86 -6.09 1.47	71.88 -5.21 -11.92	52.00 -4.46 -4.05	129.83 -9.72 -20.28	79.18 -5.96 -11.64	55.42 -5.15 -0.38	45.70 -4.17 0.00	45.37 -4.13 0.00	37.30 -3.18 0.00	35.30 -2.26 0.00
SYNERGY___BIOGAS 323694	54.15 2.22 0.00	45.07 1.35 0.00	41.17 0.88 0.00	29.75 0.31 0.00	27.17 0.02 0.00	28.52 -0.27 0.00	42.45 -0.10 0.00	45.01 -0.90 0.00	38.46 -0.28 0.00	42.15 0.29 0.00	52.40 0.57 0.00	72.36 0.69 0.00	65.03 -0.63 0.00	77.24 -0.72 -7.97	69.50 -1.09 0.84	77.92 -0.62 -13.37	52.82 -0.90 -1.32	139.25 -1.19 -21.17	88.91 -0.77 -16.17	59.12 -1.09 -0.01	48.99 -0.87 -0.01	48.60 -0.90 0.00	39.76 -0.72 0.00	37.35 -0.21 0.00
SYRACUSE___ENERGY_ST1 323597	51.98 0.06 0.00	43.73 0.01 0.00	40.23 -0.06 0.00	29.30 -0.15 0.00	26.95 -0.20 0.00	28.49 -0.30 0.00	42.22 -0.34 0.00	45.52 -0.38 0.00	38.48 -0.26 0.00	41.59 -0.27 0.00	51.58 -0.25 0.00	71.51 -0.16 0.00	65.42 -0.24 0.00	69.70 -0.27 0.00	71.22 -0.20 0.00	65.13 -0.04 0.00	52.26 -0.14 0.00	118.80 -0.47 0.00	73.34 -0.17 0.00	61.35 -0.13 -1.29	53.67 -0.10 -3.92	53.87 -0.03 -4.41	43.25 -0.05 -2.81	39.97 0.02 -2.38
SYRACUSE___ENERGY_ST2 323598	51.98 0.06 0.00	43.73 0.01 0.00	40.23 -0.06 0.00	29.30 -0.15 0.00	26.95 -0.20 0.00	28.49 -0.30 0.00	42.22 -0.34 0.00	45.52 -0.38 0.00	38.48 -0.26 0.00	41.59 -0.27 0.00	51.58 -0.25 0.00	71.51 -0.16 0.00	65.42 -0.24 0.00	69.70 -0.27 0.00	71.22 -0.20 0.00	65.13 -0.04 0.00	52.26 -0.14 0.00	118.80 -0.47 0.00	73.34 -0.17 0.00	61.35 -0.13 -1.29	53.67 -0.10 -3.92	53.87 -0.03 -4.41	43.25 -0.05 -2.81	39.97 0.02 -2.38
SYRACUSE___POWER 24017	52.09 0.17 0.00	43.77 0.06 0.00	40.27 -0.02 0.00	29.34 -0.11 0.00	27.01 -0.14 0.00	28.56 -0.23 0.00	42.30 -0.25 0.00	45.62 -0.29 0.00	38.57 -0.16 0.00	41.77 -0.09 0.00	51.84 0.01 0.00	71.86 0.19 0.00	65.78 0.12 0.00	70.08 0.11 0.00	71.58 0.15 0.00	65.42 0.25 0.00	52.54 0.13 0.00	119.42 0.16 0.00	73.64 0.13 0.00	61.16 0.09 -0.88	52.56 0.03 -2.67	52.58 0.08 -3.00	42.40 0.01 -1.91	39.19 0.01 -1.63
TALLMAN___138KV_BK151 55660	55.40 3.47 0.00	46.73 3.02 0.00	43.09 2.80 0.00	31.50 2.06 0.00	29.05 1.90 0.00	30.74 1.95 0.00	45.56 3.01 0.00	49.46 3.56 0.00	42.21 3.48 0.00	45.73 3.87 0.00	56.72 4.89 0.00	78.32 6.65 0.00	71.89 6.23 0.00	76.50 6.52 0.00	78.15 6.73 0.00	76.99 6.30 -5.53	76.80 5.16 -19.24	163.04 11.60 -32.18	188.12 6.75 -107.86	102.78 5.07 -37.51	75.03 3.60 -21.57	57.81 3.49 -4.83	43.40 2.92 0.00	40.34 2.78 0.00
TEALLAVE_115KV_TB7 355573	51.98 0.05 0.00	43.67 -0.04 0.00	40.19 -0.11 0.00	29.28 -0.17 0.00	26.96 -0.19 0.00	28.51 -0.28 0.00	42.22 -0.33 0.00	45.52 -0.39 0.00	38.49 -0.24 0.00	41.68 -0.18 0.00	51.73 -0.10 0.00	71.66 0.00 0.00	65.60 -0.06 0.00	69.86 -0.12 0.00	71.33 -0.10 0.00	65.19 0.02 0.00	52.37 -0.03 0.00	119.00 -0.26 0.00	73.40 -0.10 0.00	60.78 -0.13 -0.71	51.89 -0.13 -2.16	51.86 -0.07 -2.43	41.90 -0.13 -1.55	38.75 -0.12 -1.32
TELGRAPH_34_KV_EAST 80808	52.90 0.97 0.00	44.03 0.32 0.00	40.22 -0.08 0.00	29.04 -0.40 0.00	26.49 -0.66 0.00	27.76 -1.03 0.00	41.27 -1.28 0.00	43.56 -2.35 0.00	37.21 -1.52 0.00	40.79 -1.07 0.00	50.80 -1.03 0.00	69.81 -1.86 0.00	63.01 -2.65 0.00	76.63 -3.38 -10.03	66.63 -3.74 1.05	80.25 -3.00 -18.08	54.24 -2.70 -4.54	144.27 -5.62 -30.63	91.60 -3.49 -21.58	57.35 -3.21 -0.37	47.27 -2.60 -0.02	46.92 -2.58 0.00	38.49 -1.99 0.00	36.29 -1.27 0.00
TEMPLE___115KV_TB 2 55572	52.01 0.09 0.00	43.70 -0.01 0.00	40.21 -0.09 0.00	29.29 -0.15 0.00	26.98 -0.17 0.00	28.51 -0.28 0.00	42.25 -0.30 0.00	45.55 -0.35 0.00	38.51 -0.22 0.00	41.72 -0.15 0.00	51.78 -0.05 0.00	71.73 0.06 0.00	65.66 0.00 0.00	69.92 -0.06 0.00	71.40 -0.02 0.00	65.24 0.07 0.00	52.41 0.00 0.00	119.11 -0.15 0.00	73.44 -0.07 0.00	60.83 -0.08 -0.71	51.93 -0.09 -2.16	51.89 -0.04 -2.43	41.92 -0.11 -1.55	38.77 -0.11 -1.32
TIANA___69_KV_BK 1 55817	56.69 4.77 0.00	47.88 4.17 0.00	44.38 4.08 0.00	32.37 2.93 0.00	29.75 2.60 0.00	31.31 2.52 0.00	46.58 4.03 0.00	50.40 4.49 0.00	42.93 4.19 0.00	46.64 4.78 0.00	57.86 6.03 0.00	79.53 7.86 0.00	72.58 6.92 0.00	77.33 7.35 0.00	79.84 8.42 0.00	79.28 8.27 -5.85	79.42 6.67 -20.34	168.59 15.27 -34.05	196.74 8.86 -114.37	106.34 6.37 -39.78	76.75 4.02 -22.88	58.45 3.83 -5.12	50.06 3.79 -5.79	40.79 3.23 0.00
TILDEN___115KV_TB1 80814	52.09 0.17 0.00	43.77 0.06 0.00	40.27 -0.02 0.00	29.34 -0.11 0.00	27.01 -0.14 0.00	28.56 -0.23 0.00	42.30 -0.25 0.00	45.62 -0.29 0.00	38.57 -0.16 0.00	41.77 -0.09 0.00	51.84 0.01 0.00	71.86 0.19 0.00	65.78 0.12 0.00	70.08 0.11 0.00	71.58 0.15 0.00	65.42 0.25 0.00	52.54 0.13 0.00	119.42 0.16 0.00	73.64 0.13 0.00	61.16 0.09 -0.88	52.56 0.03 -2.67	52.58 0.08 -3.00	42.40 0.01 -1.91	39.19 0.01 -1.63
TRIGEN___CC 323695	56.02 4.10 0.00	47.36 3.65 0.00	43.81 3.52 0.00	32.01 2.56 0.00	29.49 2.34 0.00	31.16 2.37 0.00	46.18 3.63 0.00	49.94 4.03 0.00	42.58 3.85 0.00	46.08 4.22 0.00	57.00 5.17 0.00	78.38 6.72 0.00	72.03 6.37 0.00	76.88 6.90 0.00	78.82 7.40 0.00	78.10 7.08 -5.85	78.59 5.84 -20.34	166.50 13.19 -34.05	195.53 7.64 -114.37	105.53 5.55 -39.78	76.40 3.67 -22.88	58.31 3.70 -5.12	49.63 3.37 -5.79	40.72 3.16 0.00

TRINITY__115KV__4 BK 55933	53.45 1.53 0.00	45.14 1.43 0.00	41.65 1.36 0.00	30.48 1.04 0.00	28.12 0.97 0.00	29.80 1.01 0.00	43.95 1.39 0.00	47.55 1.65 0.00	40.09 1.36 0.00	43.30 1.45 0.00	53.57 1.74 0.00	73.94 2.27 0.00	68.05 2.39 0.00	72.78 2.80 0.00	74.17 2.75 0.00	84.58 2.57 -16.83	113.04 2.06 -58.57	256.81 4.49 -133.05	762.19 3.01 -685.67	303.07 2.32 -240.55	194.61 1.51 -143.25	83.02 1.47 -32.05	41.61 1.13 0.00	38.57 1.01 0.00
UNION__PROCESSING_DRP 323587	52.86 0.93 0.00	44.13 0.41 0.00	40.43 0.13 0.00	29.32 -0.12 0.00	26.86 -0.29 0.00	28.29 -0.51 0.00	41.99 -0.56 0.00	44.77 -1.14 0.00	38.11 -0.62 0.00	41.59 -0.27 0.00	51.79 -0.04 0.00	71.46 -0.21 0.00	64.83 -0.83 0.00	69.94 -1.17 -1.13	70.10 -1.36 -0.03	64.45 -1.06 -0.34	51.38 -1.10 -0.07	118.30 -2.15 -1.19	74.46 -1.34 -2.29	58.80 -1.39 0.00	48.65 -1.20 0.00	48.41 -1.09 0.00	39.61 -0.87 0.00	37.04 -0.52 0.00
UPPER HUDSON__HYD 24058	54.96 3.03 0.00	46.18 2.47 0.00	42.54 2.24 0.00	31.13 1.69 0.00	28.94 1.79 0.00	30.74 1.95 0.00	45.48 2.93 0.00	49.17 3.27 0.00	41.61 2.88 0.00	45.03 3.17 0.00	55.57 3.75 0.00	76.96 5.30 0.00	70.68 5.02 0.00	75.58 5.60 0.00	76.97 5.54 0.00	97.01 5.37 -26.48	148.96 4.42 -92.14	354.11 10.46 -224.38	1312.43 6.61 -1232.31	498.02 5.08 -432.76	312.86 4.30 -258.72	111.57 4.18 -57.89	43.63 3.15 0.00	40.19 2.64 0.00
UPPER RAQUET__HYD 24056	49.39 -2.53 0.00	41.30 -2.41 0.00	38.13 -2.17 0.00	27.89 -1.55 0.00	25.79 -1.36 0.00	27.57 -1.23 0.00	40.74 -1.81 0.00	43.86 -2.05 0.00	36.96 -1.78 0.00	39.85 -2.00 0.00	49.29 -2.54 0.00	68.35 -3.33 0.00	62.58 -3.08 0.00	66.58 -3.40 0.00	67.75 -3.67 0.00	59.28 -3.62 2.27	49.46 -2.94 0.00	113.03 -6.24 0.00	69.68 -3.83 0.00	57.60 -2.84 -0.25	49.04 -1.56 -0.75	48.98 -1.36 -0.84	39.92 -1.10 -0.54	37.10 -0.91 -0.46
VALLEY44_115KV_TB2 355964	52.73 0.80 0.00	43.97 0.26 0.00	40.29 -0.01 0.00	29.07 -0.37 0.00	26.65 -0.50 0.00	27.96 -0.83 0.00	41.68 -0.87 0.00	44.58 -1.33 0.00	38.25 -0.48 0.00	42.17 0.31 0.00	52.71 0.88 0.00	72.26 0.58 0.00	65.19 -0.47 0.00	69.03 -1.39 -0.44	69.17 -1.48 0.78	78.30 -1.36 -14.48	55.74 -1.51 -4.84	136.91 -2.60 -20.24	74.36 -1.73 -2.58	58.69 -1.98 -0.47	48.02 -1.83 0.00	47.74 -1.76 0.00	39.16 -1.32 0.00	36.67 -0.89 0.00
VALLEY__115KV_TB 1-4 80826	53.79 1.86 0.00	45.33 1.61 0.00	41.80 1.50 0.00	30.54 1.10 0.00	28.19 1.04 0.00	29.85 1.06 0.00	44.01 1.46 0.00	47.51 1.60 0.00	39.91 1.18 0.00	43.04 1.18 0.00	53.25 1.42 0.00	73.77 2.10 0.00	67.58 1.92 0.00	72.15 2.17 0.00	74.08 2.65 0.00	67.72 2.42 -0.14	54.41 2.01 0.00	124.41 5.14 0.00	76.81 3.30 0.00	62.76 2.57 0.00	51.63 1.78 0.00	51.21 1.72 0.00	42.01 1.53 0.00	38.74 1.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	54.82 2.90 0.00	46.24 2.52 0.00	42.62 2.33 0.00	31.09 1.65 0.00	28.66 1.50 0.00	30.31 1.52 0.00	44.92 2.36 0.00	48.51 2.60 0.00	40.96 2.23 0.00	44.41 2.56 0.00	55.10 3.27 0.00	76.12 4.45 0.00	69.70 4.03 0.00	74.24 4.26 0.00	75.70 4.28 0.00	74.91 4.00 -5.74	72.78 3.21 -17.17	162.61 7.41 -35.94	239.04 4.41 -161.13	120.31 3.47 -56.65	86.69 2.81 -34.03	60.46 2.73 -8.24	43.15 2.18 -0.50	39.94 1.96 -0.42
VISCHER__FERRY HYD 24020	54.46 2.53 0.00	45.90 2.19 0.00	42.33 2.04 0.00	31.00 1.56 0.00	28.62 1.47 0.00	30.33 1.54 0.00	44.67 2.11 0.00	48.29 2.38 0.00	40.73 2.00 0.00	43.99 2.13 0.00	54.46 2.63 0.00	75.23 3.56 0.00	69.34 3.68 0.00	74.21 4.23 0.00	75.58 4.15 0.00	91.87 3.93 -22.77	134.80 3.14 -79.25	315.71 7.05 -189.39	1100.99 4.30 -1023.18	422.65 3.23 -359.23	266.92 2.52 -214.55	100.09 2.59 -48.01	42.48 2.00 0.00	39.28 1.72 0.00
V_A_10_SYNC_DSASP 323832	52.05 0.13 0.00	43.39 -0.32 0.00	39.71 -0.59 0.00	28.73 -0.71 0.00	26.26 -0.90 0.00	27.55 -1.24 0.00	40.89 -1.66 0.00	43.26 -2.65 0.00	36.92 -1.81 0.00	40.45 -1.40 0.00	50.40 -1.43 0.00	69.20 -2.47 0.00	62.65 -3.01 0.00	64.45 -3.82 1.71	66.34 -4.01 1.07	54.51 -3.38 7.29	48.75 -3.04 0.62	103.24 -6.38 9.64	66.07 -3.97 3.47	56.56 -3.63 0.00	46.78 -3.06 0.00	46.61 -2.88 0.00	38.26 -2.22 0.00	36.05 -1.51 0.00
V_CMM_10_SYNC_DSASP 323787	50.46 -1.47 0.00	42.28 -1.43 0.00	38.96 -1.33 0.00	28.50 -0.94 0.00	26.34 -0.81 0.00	28.11 -0.69 0.00	41.49 -1.06 0.00	44.65 -1.26 0.00	37.62 -1.12 0.00	40.57 -1.29 0.00	50.18 -1.65 0.00	69.37 -2.30 0.00	63.54 -2.12 0.00	67.64 -2.34 0.00	69.05 -2.37 0.00	59.96 -2.84 0.00	50.51 -1.90 0.00	114.97 -4.29 0.00	70.96 -2.55 0.00	58.59 -1.60 0.00	48.74 -1.12 0.00	48.32 -1.17 0.00	39.58 -0.90 0.00	36.75 -0.81 0.00
V_CMP_10_SYNC_DSASP 323788	51.44 -0.49 0.00	42.95 -0.76 0.00	39.82 -0.48 0.00	29.24 -0.20 0.00	27.08 -0.07 0.00	28.89 0.09 0.00	42.43 -0.12 0.00	45.67 -0.23 0.00	38.49 -0.24 0.00	41.58 -0.28 0.00	51.54 -0.29 0.00	71.40 -0.27 0.00	65.44 -0.22 0.00	69.26 -0.72 0.00	69.52 -1.90 0.00	60.16 -2.17 2.85	49.77 -2.64 0.00	115.83 -3.43 0.00	72.02 -1.49 0.00	60.52 0.33 0.00	49.87 0.02 0.00	49.53 0.04 0.00	40.40 -0.09 0.00	37.49 -0.07 0.00
V_D_10_SYNC_DSASP 323841	50.38 -1.54 0.00	42.15 -1.56 0.00	38.88 -1.42 0.00	28.42 -1.02 0.00	26.28 -0.88 0.00	28.05 -0.74 0.00	41.44 -1.12 0.00	44.57 -1.34 0.00	37.54 -1.19 0.00	40.49 -1.37 0.00	50.08 -1.75 0.00	69.26 -2.40 0.00	63.45 -2.21 0.00	67.51 -2.47 0.00	68.90 -2.52 0.00	59.90 -2.52 2.75	50.40 -2.01 0.00	114.78 -4.48 0.00	70.82 -2.69 0.00	57.87 -2.33 0.00	48.69 -1.16 0.00	48.32 -1.17 0.00	39.62 -0.86 0.00	36.88 -0.67 0.00
V_E_10_SYNC_DSASP 323830	57.60 5.67 0.00	48.23 4.52 0.00	44.27 3.98 0.00	32.19 2.75 0.00	29.66 2.51 0.00	31.30 2.50 0.00	46.38 3.82 0.00	49.86 3.96 0.00	42.28 3.55 0.00	45.96 4.10 0.00	56.26 4.43 0.00	76.76 5.09 0.00	70.76 5.10 0.00	76.18 6.20 0.00	77.15 5.40 -0.32	73.85 4.74 -3.94	65.79 4.29 -9.09	149.76 11.65 -18.84	154.25 7.19 -73.55	92.19 5.76 -26.25	72.02 5.45 -16.71	59.78 5.10 -5.19	45.47 3.84 -1.15	41.73 3.19 -0.98
V_F_30_NSYNC__DSASP 323816	55.26 3.34 0.00	46.54 2.83 0.00	42.88 2.58 0.00	31.36 1.92 0.00	29.00 1.85 0.00	30.75 1.96 0.00	45.41 2.86 0.00	49.08 3.17 0.00	41.47 2.73 0.00	44.82 2.97 0.00	55.45 3.62 0.00	76.69 5.02 0.00	70.54 4.88 0.00	75.44 5.46 0.00	76.89 5.47 0.00	96.35 5.15 -26.03	147.19 4.19 -90.59	349.25 9.82 -220.17	1286.72 6.07 -1207.14	488.75 4.65 -423.91	307.02 3.77 -253.40	109.94 3.74 -56.70	43.37 2.89 0.00	40.06 2.50 0.00
V_F_30_SYNC_DSASP 323786	53.82 1.90 0.00	45.43 1.72 0.00	41.91 1.61 0.00	30.66 1.21 0.00	28.29 1.14 0.00	29.98 1.19 0.00	44.22 1.66 0.00	47.86 1.95 0.00	40.35 1.62 0.00	43.61 1.75 0.00	53.97 2.14 0.00	74.53 2.87 0.00	68.61 2.95 0.00	73.37 3.39 0.00	74.78 3.36 0.00	87.38 3.13 -19.08	121.31 2.52 -66.38	279.15 5.57 -154.32	890.26 3.67 -813.08	348.36 2.82 -285.35	221.93 1.91 -170.16	89.44 1.87 -38.08	41.91 1.43 0.00	38.84 1.28 0.00

V_XM10_SYNC_DSASP 323789	51.44 -0.49 0.00	42.95 -0.76 0.00	39.82 -0.48 0.00	29.24 -0.20 0.00	27.08 -0.07 0.00	28.89 0.09 0.00	42.43 -0.12 0.00	45.67 -0.23 0.00	38.49 -0.24 0.00	41.58 -0.28 0.00	51.54 -0.29 0.00	71.40 -0.27 0.00	65.44 -0.22 0.00	69.26 -0.72 0.00	69.52 -1.90 0.00	60.16 -2.17 2.85	49.77 -2.64 0.00	115.83 -3.43 0.00	72.02 -1.49 0.00	60.52 0.33 0.00	49.87 0.02 0.00	49.53 0.04 0.00	40.40 -0.09 0.00	37.49 -0.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	55.60 3.67 0.00	46.90 3.19 0.00	43.26 2.96 0.00	31.62 2.17 0.00	29.16 2.01 0.00	30.85 2.06 0.00	45.74 3.18 0.00	49.65 3.75 0.00	42.37 3.64 0.00	45.92 4.06 0.00	56.97 5.14 0.00	78.66 6.99 0.00	72.22 6.55 0.00	76.88 6.90 0.00	78.55 7.13 0.00	77.39 6.64 -5.57	77.24 5.45 -19.39	163.92 12.22 -32.43	189.38 7.12 -108.75	103.38 5.36 -37.82	75.46 3.86 -21.75	58.09 3.73 -4.87	43.59 3.11 0.00	40.50 2.94 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	55.79 3.87 0.00	47.12 3.41 0.00	43.55 3.25 0.00	31.85 2.41 0.00	29.40 2.25 0.00	31.13 2.34 0.00	46.11 3.56 0.00	50.04 4.13 0.00	42.75 4.02 0.00	46.28 4.42 0.00	57.32 5.49 0.00	78.97 7.30 0.00	72.58 6.92 0.00	77.29 7.31 0.00	78.99 7.57 0.00	78.10 7.09 -5.85	78.55 5.80 -20.35	166.07 12.74 -34.06	195.18 7.26 -114.41	105.44 5.45 -39.79	76.67 3.93 -22.89	58.41 3.79 -5.12	43.70 3.22 0.00	40.71 3.15 0.00
W50THST__13_KV_LOAD 356117	56.18 4.26 0.00	47.49 3.78 0.00	43.88 3.59 0.00	32.10 2.66 0.00	29.63 2.48 0.00	31.38 2.59 0.00	46.54 3.98 0.00	50.53 4.62 0.00	43.15 4.42 0.00	46.69 4.84 0.00	57.86 6.03 0.00	79.71 8.04 0.00	73.24 7.58 0.00	77.99 8.01 0.00	79.69 8.27 0.00	78.73 7.71 -5.85	79.04 6.28 -20.35	167.24 13.91 -34.06	195.84 7.92 -114.41	105.92 5.94 -39.79	77.04 4.30 -22.89	58.76 4.14 -5.12	43.98 3.50 0.00	40.97 3.42 0.00
WADING RIVER_IC_1 23522	55.86 3.94 0.00	47.28 3.56 0.00	43.86 3.56 0.00	32.00 2.56 0.00	29.43 2.28 0.00	31.00 2.21 0.00	46.08 3.53 0.00	49.83 3.92 0.00	42.39 3.66 0.00	45.97 4.11 0.00	56.96 5.13 0.00	78.28 6.61 0.00	71.43 5.77 0.00	76.09 6.11 0.00	78.57 7.15 0.00	78.12 7.10 -5.85	78.55 5.80 -20.34	166.56 13.24 -34.05	195.60 7.72 -114.37	105.43 5.45 -39.78	76.04 3.31 -22.88	57.81 3.19 -5.12	49.50 3.23 -5.79	40.33 2.78 0.00
WADING RIVER_IC_2 23547	55.86 3.94 0.00	47.28 3.56 0.00	43.86 3.56 0.00	32.00 2.56 0.00	29.43 2.28 0.00	31.00 2.21 0.00	46.08 3.53 0.00	49.83 3.92 0.00	42.39 3.66 0.00	45.97 4.11 0.00	56.96 5.13 0.00	78.28 6.61 0.00	71.43 5.77 0.00	76.09 6.11 0.00	78.57 7.15 0.00	78.12 7.10 -5.85	78.55 5.80 -20.34	166.56 13.24 -34.05	195.60 7.72 -114.37	105.43 5.45 -39.78	76.04 3.31 -22.88	57.81 3.19 -5.12	49.50 3.23 -5.79	40.33 2.78 0.00
WADING RIVER_IC_3 23601	55.86 3.94 0.00	47.28 3.56 0.00	43.86 3.56 0.00	32.00 2.56 0.00	29.43 2.28 0.00	31.00 2.21 0.00	46.08 3.53 0.00	49.83 3.92 0.00	42.39 3.66 0.00	45.97 4.11 0.00	56.96 5.13 0.00	78.28 6.61 0.00	71.43 5.77 0.00	76.09 6.11 0.00	78.57 7.15 0.00	78.12 7.10 -5.85	78.55 5.80 -20.34	166.56 13.24 -34.05	195.60 7.72 -114.37	105.43 5.45 -39.78	76.04 3.31 -22.88	57.81 3.19 -5.12	49.50 3.23 -5.79	40.33 2.78 0.00
WALDENNY_12_KV_BK2 80841	53.29 1.37 0.00	44.33 0.62 0.00	40.48 0.18 0.00	29.19 -0.25 0.00	26.60 -0.55 0.00	27.80 -1.00 0.00	41.34 -1.21 0.00	43.72 -2.18 0.00	37.45 -1.29 0.00	41.23 -0.63 0.00	51.55 -0.28 0.00	70.73 -0.95 -0.01	64.03 -1.63 0.00	68.85 -2.67 -1.53	66.73 -2.66 2.02	83.11 -2.00 -19.94	55.32 -1.89 -4.80	142.36 -3.89 -26.98	75.58 -2.50 -4.57	58.17 -2.44 -0.41	47.86 -1.99 -0.01	47.36 -2.14 0.00	38.82 -1.67 0.00	36.56 -1.00 0.00
WALDEN__HYDRO 24148	55.45 3.53 0.00	46.76 3.05 0.00	43.12 2.82 0.00	31.52 2.08 0.00	29.06 1.91 0.00	30.75 1.96 0.00	45.57 3.01 0.00	49.42 3.51 0.00	42.07 3.34 0.00	45.59 3.73 0.00	56.53 4.71 0.00	78.09 6.42 0.00	71.73 6.07 0.00	76.42 6.44 0.00	78.38 6.96 0.00	77.53 6.58 -5.78	77.95 5.42 -20.12	165.61 12.25 -34.10	197.97 7.16 -117.30	106.45 5.43 -40.82	77.40 4.01 -23.54	58.63 3.87 -5.27	43.42 2.94 0.00	40.31 2.75 0.00
WARRENSBURG____ 23737	54.96 3.03 0.00	46.18 2.47 0.00	42.54 2.24 0.00	31.13 1.69 0.00	28.94 1.79 0.00	30.74 1.95 0.00	45.48 2.93 0.00	49.17 3.27 0.00	41.61 2.88 0.00	45.03 3.17 0.00	55.57 3.75 0.00	76.96 5.30 0.00	70.68 5.02 0.00	75.58 5.60 0.00	76.97 5.54 0.00	97.01 5.37 -26.48	148.96 4.42 -92.14	354.11 10.46 -224.38	1312.43 6.61 -1232.31	498.02 5.08 -432.76	312.86 4.30 -258.72	111.57 4.18 -57.89	43.63 3.15 0.00	40.19 2.64 0.00
WATERSIDE____6 8 9 23538	55.72 3.80 0.00	47.16 3.45 0.00	43.58 3.28 0.00	31.90 2.46 0.00	29.43 2.27 0.00	31.15 2.35 0.00	46.14 3.59 0.00	50.07 4.17 0.00	42.84 4.10 0.00	46.34 4.48 0.00	57.27 5.44 0.00	78.74 7.07 0.00	72.34 6.68 0.00	77.07 7.09 0.00	78.73 7.31 0.00	77.77 6.76 -5.85	78.25 5.50 -20.35	165.25 11.92 -34.06	194.65 6.73 -114.41	105.18 5.19 -39.79	76.15 3.74 -22.57	58.20 3.58 -5.12	43.60 3.12 0.00	40.69 3.13 0.00
WATKINRD_115KV_LN8_ILLION 55919	53.28 1.35 0.00	44.90 1.18 0.00	41.40 1.11 0.00	30.25 0.80 0.00	27.92 0.77 0.00	29.56 0.77 0.00	43.62 1.07 0.00	47.12 1.22 0.00	39.68 0.94 0.00	42.84 0.99 0.00	52.98 1.15 0.00	73.27 1.60 0.00	67.16 1.50 0.00	71.77 1.79 0.00	73.42 2.00 0.00	67.21 1.90 -0.14	54.03 1.63 0.00	123.31 4.05 0.00	76.07 2.56 0.00	62.09 1.90 0.00	51.23 1.38 0.00	50.85 1.35 0.00	41.58 1.10 0.00	38.44 0.88 0.00
WATSON__69_KV_BK 1 55734	56.84 4.91 0.00	48.10 4.38 0.00	44.61 4.31 0.00	32.54 3.10 0.00	29.95 2.80 0.00	31.60 2.81 0.00	46.92 4.37 0.00	50.71 4.80 0.00	43.21 4.48 0.00	46.82 4.96 0.00	57.87 6.04 0.00	79.36 7.69 0.00	72.67 7.01 0.00	77.49 7.51 0.00	79.83 8.41 0.00	79.26 8.24 -5.85	79.54 6.79 -20.34	168.85 15.54 -34.05	197.07 9.18 -114.37	106.61 6.64 -39.78	77.05 4.31 -22.88	58.84 4.23 -5.12	50.33 4.07 -5.79	41.20 3.64 0.00
WDELAWARE__HYD 323627	54.13 2.21 0.00	45.56 1.85 0.00	42.00 1.70 0.00	30.68 1.23 0.00	28.27 1.12 0.00	29.92 1.13 0.00	44.37 1.82 0.00	48.14 2.23 0.00	40.95 2.22 0.00	44.45 2.59 0.00	55.17 3.34 0.00	76.16 4.49 0.00	69.84 4.17 0.00	72.71 2.73 0.00	74.52 3.09 0.00	73.83 3.05 -5.61	74.66 2.73 -19.53	159.52 6.06 -34.19	202.13 3.50 -125.12	106.33 2.52 -43.61	76.99 1.85 -25.30	57.94 2.78 -5.66	42.61 2.13 0.00	39.46 1.90 0.00
WEST BABYLON__IC 23714	56.63 4.70 0.00	47.91 4.20 0.00	44.41 4.12 0.00	32.41 2.97 0.00	29.82 2.67 0.00	31.47 2.67 0.00	46.72 4.16 0.00	50.49 4.58 0.00	43.04 4.31 0.00	46.60 4.74 0.00	57.56 5.73 0.00	78.98 7.31 0.00	72.44 6.78 0.00	77.26 7.28 0.00	79.49 8.06 0.00	78.87 7.86 -5.85	79.27 6.53 -20.34	168.24 14.92 -34.05	196.67 8.79 -114.37	106.33 6.36 -39.78	76.86 4.13 -22.88	58.72 4.11 -5.12	50.15 3.88 -5.79	41.10 3.54 0.00

WEST CANADA___HYD 24049	52.45 0.53 0.00	44.22 0.51 0.00	40.78 0.49 0.00	29.80 0.35 0.00	27.47 0.32 0.00	29.11 0.32 0.00	43.02 0.46 0.00	46.41 0.51 0.00	39.16 0.43 0.00	42.32 0.46 0.00	52.39 0.56 0.00	72.41 0.74 0.00	66.39 0.73 0.00	70.83 0.85 0.00	72.28 0.86 0.00	66.11 0.80 -0.14	53.08 0.67 0.00	120.81 1.55 0.00	74.45 0.94 0.00	60.88 0.68 0.00	50.35 0.50 0.00	49.99 0.49 0.00	40.88 0.40 0.00	37.93 0.36 0.00
WESTERN_NY_WIND 24143	54.08 2.16 0.00	45.01 1.30 0.00	41.11 0.82 0.00	29.71 0.27 0.00	27.13 -0.03 0.00	28.48 -0.32 0.00	42.37 -0.19 0.00	44.91 -1.00 0.00	38.38 -0.35 0.00	42.06 0.21 0.00	52.30 0.47 0.00	72.22 0.55 0.00	64.89 -0.78 0.00	77.73 -0.86 -8.62	69.25 -1.26 0.91	78.94 -0.82 -14.59	52.82 -1.02 -1.43	140.86 -1.60 -23.20	89.99 -0.99 -17.47	58.95 -1.26 -0.02	48.85 -1.01 -0.01	48.48 -1.01 0.00	39.69 -0.80 0.00	37.28 -0.28 0.00
WESTOVER___LESR 323668	53.30 1.38 0.00	44.74 1.02 0.00	41.19 0.89 0.00	29.93 0.49 0.00	27.59 0.44 0.00	29.09 0.29 0.00	43.12 0.57 0.00	46.60 0.69 0.00	39.50 0.76 0.00	43.03 1.17 0.00	53.45 1.63 0.00	73.84 2.17 0.00	67.41 1.75 0.00	71.58 1.60 0.00	73.00 1.57 0.00	70.60 1.53 -3.90	60.92 1.28 -7.23	137.35 3.34 -14.74	123.00 1.79 -47.70	78.50 1.17 -17.14	61.77 0.71 -11.22	54.12 0.72 -3.90	42.19 0.61 -1.10	39.05 0.55 -0.94
WETHRSFD_WT_PWR 323626	53.03 1.11 0.00	44.20 0.49 0.00	40.41 0.11 0.00	29.14 -0.31 0.00	26.41 -0.74 0.00	27.43 -1.36 0.00	40.72 -1.84 0.00	43.49 -2.42 0.00	37.14 -1.59 0.00	40.82 -1.04 0.00	51.09 -0.74 0.00	70.47 -1.20 0.00	63.79 -1.87 0.00	67.19 -3.03 -0.24	61.06 -3.13 7.23	76.83 -1.99 -13.66	55.42 -1.72 -4.74	134.83 -3.29 -18.86	73.57 -2.09 -2.16	58.56 -2.11 -0.47	48.15 -1.71 0.00	47.78 -1.71 0.00	39.07 -1.41 0.00	36.47 -1.09 0.00
WHAVSTOR_138KV_BK127 55557	55.30 3.38 0.00	46.69 2.98 0.00	43.05 2.76 0.00	31.48 2.04 0.00	29.04 1.89 0.00	30.73 1.94 0.00	45.53 2.98 0.00	49.40 3.50 0.00	42.14 3.41 0.00	45.64 3.79 0.00	56.60 4.77 0.00	78.12 6.45 0.00	71.73 6.07 0.00	76.34 6.36 0.00	78.00 6.58 0.00	76.89 6.14 -5.58	76.86 5.03 -19.42	163.02 11.27 -32.49	188.98 6.54 -108.93	103.01 4.93 -37.89	75.14 3.50 -21.79	57.76 3.39 -4.88	43.32 2.84 0.00	40.28 2.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	55.30 3.38 0.00	46.69 2.98 0.00	43.05 2.76 0.00	31.48 2.04 0.00	29.04 1.89 0.00	30.73 1.94 0.00	45.53 2.98 0.00	49.40 3.50 0.00	42.14 3.41 0.00	45.64 3.79 0.00	56.60 4.77 0.00	78.12 6.45 0.00	71.73 6.07 0.00	76.34 6.36 0.00	78.00 6.58 0.00	76.89 6.14 -5.58	76.86 5.03 -19.42	163.02 11.27 -32.49	188.98 6.54 -108.93	103.01 4.93 -37.89	75.14 3.50 -21.79	57.76 3.39 -4.88	43.32 2.84 0.00	40.28 2.72 0.00
WHITEHAL_115KV_TB1 80871	54.41 2.49 0.00	45.57 1.86 0.00	42.08 1.78 0.00	30.94 1.50 0.00	29.43 2.28 0.00	31.45 2.66 0.00	46.62 4.07 0.00	50.29 4.38 0.00	42.56 3.83 0.00	46.12 4.27 0.00	57.47 5.64 0.00	80.04 8.37 0.00	73.74 8.08 0.00	78.91 8.93 0.00	79.81 8.38 0.00	99.82 8.36 -26.29	150.69 6.79 -91.50	357.12 15.22 -222.64	1303.83 8.46 -1221.86	495.63 6.36 -429.09	311.78 5.42 -256.51	112.28 5.39 -57.40	44.41 3.93 0.00	40.75 3.19 0.00
WHITEPLN_13_KV_LOAD 356215	56.36 4.43 0.00	47.52 3.81 0.00	43.85 3.55 0.00	32.06 2.62 0.00	29.56 2.41 0.00	31.29 2.50 0.00	46.39 3.84 0.00	50.39 4.48 0.00	43.02 4.28 0.00	46.62 4.76 0.00	57.79 5.96 0.00	79.78 8.11 0.00	73.31 7.65 0.00	78.18 8.20 0.00	79.91 8.49 0.00	78.94 7.94 -5.83	79.19 6.48 -20.29	167.79 14.55 -33.97	196.03 8.39 -114.13	106.19 6.30 -39.70	77.27 4.58 -22.83	59.03 4.42 -5.11	44.16 3.68 0.00	41.02 3.46 0.00
WM_FLOYD_69_KV_BK2 356380	56.37 4.44 0.00	47.71 4.00 0.00	44.27 3.97 0.00	32.30 2.86 0.00	29.72 2.57 0.00	31.32 2.53 0.00	46.55 3.99 0.00	50.33 4.42 0.00	42.81 4.07 0.00	46.41 4.55 0.00	57.50 5.67 0.00	79.02 7.36 0.00	72.18 6.52 0.00	76.84 6.86 0.00	79.26 7.84 0.00	78.74 7.73 -5.85	79.07 6.32 -20.34	167.80 14.48 -34.05	196.35 8.47 -114.37	106.08 6.11 -39.78	76.58 3.85 -22.88	58.34 3.72 -5.12	49.90 3.63 -5.79	40.72 3.16 0.00
WOODARD___115KV_TB2 355635	51.86 -0.06 0.00	43.58 -0.13 0.00	40.11 -0.18 0.00	29.23 -0.21 0.00	26.92 -0.23 0.00	28.46 -0.33 0.00	42.17 -0.39 0.00	45.46 -0.44 0.00	38.43 -0.30 0.00	41.58 -0.28 0.00	51.57 -0.26 0.00	71.46 -0.20 0.00	65.40 -0.26 0.00	69.66 -0.31 0.00	71.14 -0.28 0.00	65.02 -0.15 0.00	52.22 -0.19 0.00	118.69 -0.57 0.00	73.23 -0.28 0.00	60.87 -0.24 -0.92	52.45 -0.19 -2.80	52.50 -0.14 -3.15	42.30 -0.19 -2.01	39.09 -0.17 -1.70
YORK___WARBASSE 23770	55.87 3.95 0.00	47.29 3.58 0.00	43.79 3.49 0.00	32.07 2.62 0.00	29.57 2.42 0.00	31.30 2.51 0.00	46.36 3.81 0.00	50.27 4.36 0.00	43.02 4.28 0.00	46.47 4.62 0.00	57.48 5.65 0.00	79.21 7.54 0.00	72.77 7.10 0.00	77.57 7.60 0.00	79.24 7.82 0.00	77.94 6.93 -5.85	78.34 5.59 -20.35	165.35 12.02 -34.06	194.75 6.82 -114.41	105.56 5.57 -39.80	81.68 4.04 -27.79	58.53 3.88 -5.16	43.85 3.37 0.00	40.89 3.33 0.00