

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	53.48	54.32	69.89	71.68	81.02	78.21	67.05	69.53	62.53	94.55	86.36	62.71	67.43	67.82	62.13	63.39	85.86	114.58	103.95	95.57	83.16	75.94	58.83	71.26
24138	2.69	2.44	2.81	2.69	2.81	3.39	3.15	4.13	3.98	5.95	5.72	4.27	4.34	4.34	4.36	4.39	5.85	8.25	7.51	6.63	5.71	4.83	3.95	4.48
	0.00	0.00	0.00	0.00	0.00	0.00	-8.93	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.96	0.00	0.00	0.00	0.00	0.00	-3.58	0.00	0.00
74TH STREET_GT_1	53.47	54.34	69.97	71.77	81.14	78.31	67.12	69.58	62.58	94.58	86.41	62.71	67.42	67.82	62.12	63.40	85.87	114.64	104.04	95.67	83.29	76.06	58.92	71.37
24260	2.68	2.46	2.89	2.79	2.93	3.48	3.22	4.19	4.02	5.98	5.76	4.27	4.34	4.34	4.35	4.40	5.87	8.30	7.59	6.74	5.84	4.95	4.05	4.59
	0.00	0.00	0.00	0.00	0.00	0.00	-8.93	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.96	0.00	0.00	0.00	0.00	0.00	-3.58	0.00	0.00
74TH STREET_GT_2	53.47	54.34	69.97	71.77	81.14	78.31	67.12	69.58	62.58	94.58	86.41	62.71	67.42	67.82	62.12	63.40	85.87	114.64	104.04	95.67	83.29	76.06	58.92	71.37
24261	2.68	2.46	2.89	2.79	2.93	3.48	3.22	4.19	4.02	5.98	5.76	4.27	4.34	4.34	4.35	4.40	5.87	8.30	7.59	6.74	5.84	4.95	4.05	4.59
	0.00	0.00	0.00	0.00	0.00	0.00	-8.93	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.96	0.00	0.00	0.00	0.00	0.00	-3.58	0.00	0.00
ADK HUDSON___FALLS	55.11	56.26	72.92	74.95	84.76	81.49	162.43	109.11	64.15	96.21	87.55	63.33	68.14	68.32	62.33	65.38	87.80	117.38	106.85	98.41	85.62	79.11	60.58	73.46
24011	4.32	4.37	5.84	5.96	6.55	6.67	5.71	6.68	5.60	7.61	6.90	4.89	5.06	4.84	4.56	5.07	7.79	11.05	10.41	9.47	8.17	7.05	5.70	6.68
	0.00	0.00	0.00	0.00	0.00	0.00	-101.74	-41.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.28	0.00	0.00	0.00	0.00	0.00	-4.53	0.00	0.00
ADK RESOURCE___RCVRY	55.38	56.53	73.37	75.39	85.22	81.97	163.66	110.13	64.48	96.54	87.68	63.46	68.32	68.52	62.51	65.65	88.22	118.15	107.68	99.18	86.33	79.68	61.04	74.00
23798	4.59	4.64	6.29	6.40	7.01	7.14	6.27	7.36	5.92	7.94	7.04	5.02	5.23	5.04	4.74	5.33	8.21	11.82	11.24	10.25	8.88	7.62	6.16	7.22
	0.00	0.00	0.00	0.00	0.00	0.00	-102.42	-41.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.28	0.00	0.00	0.00	0.00	0.00	-4.53	0.00	0.00
ADK S GLENS___FALLS	55.11	56.26	72.92	74.95	84.76	81.49	162.43	109.11	64.15	96.21	87.55	63.33	68.14	68.32	62.33	65.38	87.80	117.38	106.85	98.41	85.62	79.11	60.58	73.46
24028	4.32	4.37	5.84	5.96	6.55	6.67	5.71	6.68	5.60	7.61	6.90	4.89	5.06	4.84	4.56	5.07	7.79	11.05	10.41	9.47	8.17	7.05	5.70	6.68
	0.00	0.00	0.00	0.00	0.00	0.00	-101.74	-41.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.28	0.00	0.00	0.00	0.00	0.00	-4.53	0.00	0.00
ADK_NYS___DAM	54.23	55.29	71.62	73.55	83.11	79.74	128.39	92.87	62.95	95.09	86.63	62.83	67.62	67.93	62.07	64.49	86.34	114.59	104.07	95.96	83.60	77.32	59.28	71.94
23527	3.44	3.40	4.53	4.56	4.90	4.91	3.95	4.55	4.40	6.49	5.99	4.39	4.54	4.45	4.30	4.42	6.34	8.25	7.63	7.03	6.16	5.44	4.40	5.16
	0.00	0.00	0.00	0.00	0.00	0.00	-69.46	-27.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.03	0.00	0.00	0.00	0.00	0.00	-4.36	0.00	0.00
AIR_PRODUCTS___DRP	52.14	53.30	69.25	71.13	80.40	76.71	104.01	79.84	60.59	91.73	83.90	60.82	65.43	65.80	60.03	62.31	82.81	109.41	99.19	91.37	79.55	73.79	56.42	68.71
24190	1.35	1.42	2.17	2.15	2.19	1.89	1.67	2.12	2.03	3.13	3.25	2.38	2.34	2.31	2.26	2.23	2.81	3.07	2.75	2.43	2.11	1.89	1.55	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	-47.36	-16.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.04	0.00	0.00	0.00	0.00	0.00	-4.37	0.00	0.00
AKWESSNE_115KV_BK	51.14	52.29	67.66	69.62	79.32	75.59	54.80	60.24	58.08	88.60	80.21	58.00	62.71	63.17	57.09	52.89	78.73	104.13	93.74	86.70	75.69	66.15	53.99	66.02
355683	0.35	0.41	0.58	0.63	1.10	0.77	-0.17	-0.56	-0.47	0.00	-0.43	-0.44	-0.37	-0.32	-0.68	-1.15	-1.28	-2.20	-2.70	-2.23	-1.75	-1.37	-0.89	-0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	54.44	55.62	72.20	74.22	83.83	80.16	97.04	79.32	62.68	93.44	85.28	61.54	65.47	65.82	60.31	62.67	83.91	111.49	101.14	93.16	81.11	75.00	57.47	69.99
323833	3.65	3.73	5.12	5.24	5.62	5.33	4.22	4.79	4.12	4.84	4.63	3.10	2.39	2.34	2.54	2.70	3.91	5.15	4.69	4.23	3.66	3.19	2.60	3.21
	0.00	0.00	0.00	0.00	0.00	0.00	-37.85	-13.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.93	0.00	0.00	0.00	0.00	0.00	-4.29	0.00	0.00
ALBANY_2_SOLAR	54.42	55.62	72.19	74.21	83.83	80.15	97.04	79.31	62.68	93.43	85.26	61.53	65.46	65.79	60.30	62.66	83.89	111.47	101.11	93.13	81.06	74.98	57.46	69.96
323834	3.63	3.73	5.12	5.23	5.62	5.33	4.22	4.79	4.12	4.83	4.62	3.09	2.38	2.31	2.53	2.68	3.89	5.14	4.67	4.20	3.62	3.16	2.58	3.18
	0.00	0.00	0.00	0.00	0.00	0.00	-37.84	-13.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.94	0.00	0.00	0.00	0.00	0.00	-4.29	0.00	0.00
ALBANY___1	52.14	53.30	69.25	71.13	80.40	76.71	104.01	79.84	60.59	91.73	83.90	60.82	65.43	65.80	60.03	62.31	82.81	109.41	99.19	91.37	79.55	73.79	56.42	68.71
23571	1.35	1.42	2.17	2.15	2.19	1.89	1.67	2.12	2.03	3.13	3.25	2.38	2.34	2.31	2.26	2.23	2.81	3.07	2.75	2.43	2.11	1.89	1.55	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	-47.36	-16.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.04	0.00	0.00	0.00	0.00	0.00	-4.37	0.00	0.00

ALBANY___2 23572	52.14 1.35 0.00	53.30 1.42 0.00	69.25 2.17 0.00	71.13 2.15 0.00	80.40 2.19 0.00	76.71 1.89 0.00	104.01 1.67 -47.36	79.84 2.12 -16.93	60.59 2.03 0.00	91.73 3.13 0.00	83.90 3.25 0.00	60.82 2.38 0.00	65.43 2.34 0.00	65.80 2.31 0.00	60.03 2.26 0.00	62.31 2.23 -6.04	82.81 2.81 0.00	109.41 3.07 0.00	99.19 2.75 0.00	91.37 2.43 0.00	79.55 2.11 0.00	73.79 1.89 -4.37	56.42 1.55 0.00	68.71 1.93 0.00
ALBANY___3 23573	52.14 1.35 0.00	53.30 1.42 0.00	69.25 2.17 0.00	71.13 2.15 0.00	80.40 2.19 0.00	76.71 1.89 0.00	104.01 1.67 -47.36	79.84 2.12 -16.93	60.59 2.03 0.00	91.73 3.13 0.00	83.90 3.25 0.00	60.82 2.38 0.00	65.43 2.34 0.00	65.80 2.31 0.00	60.03 2.26 0.00	62.31 2.23 -6.04	82.81 2.81 0.00	109.41 3.07 0.00	99.19 2.75 0.00	91.37 2.43 0.00	79.55 2.11 0.00	73.79 1.89 -4.37	56.42 1.55 0.00	68.71 1.93 0.00
ALBANY___4 23574	52.14 1.35 0.00	53.30 1.42 0.00	69.25 2.17 0.00	71.13 2.15 0.00	80.40 2.19 0.00	76.71 1.89 0.00	104.01 1.67 -47.36	79.84 2.12 -16.93	60.59 2.03 0.00	91.73 3.13 0.00	83.90 3.25 0.00	60.82 2.38 0.00	65.43 2.34 0.00	65.80 2.31 0.00	60.03 2.26 0.00	62.31 2.23 -6.04	82.81 2.81 0.00	109.41 3.07 0.00	99.19 2.75 0.00	91.37 2.43 0.00	79.55 2.11 0.00	73.79 1.89 -4.37	56.42 1.55 0.00	68.71 1.93 0.00
ALBANY___LFGE 323615	52.59 1.80 0.00	53.75 1.87 0.00	69.77 2.69 0.00	71.68 2.70 0.00	81.01 2.80 0.00	77.39 2.57 0.00	119.72 2.25 -62.49	86.41 2.80 -22.81	61.25 2.70 0.00	92.69 4.09 0.00	84.70 4.06 0.00	61.38 2.94 0.00	66.03 2.95 0.00	66.38 2.89 0.00	60.59 2.82 0.00	62.99 2.85 -6.11	83.74 3.73 0.00	110.79 4.45 0.00	100.45 4.01 0.00	92.53 3.59 0.00	80.52 3.07 0.00	74.65 2.71 -4.42	57.07 2.19 0.00	69.45 2.66 0.00
ALCOA_PA_115KV_PL-6C 55860	51.27 0.48 0.00	52.42 0.54 0.00	67.96 0.88 0.00	69.75 0.77 0.00	79.77 1.55 0.00	76.03 1.21 0.00	55.11 0.13 0.00	60.58 -0.22 0.00	58.40 -0.16 0.00	88.95 0.35 0.00	80.46 -0.19 0.00	58.14 -0.30 0.00	62.89 -0.19 0.00	63.36 -0.13 0.00	57.22 -0.55 0.00	52.94 -1.10 0.00	78.84 -1.16 0.00	104.40 -1.93 0.00	94.39 -2.05 0.00	87.34 -1.60 0.00	76.29 -1.16 0.00	66.73 -0.80 0.00	54.32 -0.56 0.00	66.41 -0.38 0.00
ALCOA_RYNLDS___DRP 24188	51.27 0.48 0.00	52.42 0.54 0.00	67.96 0.88 0.00	69.75 0.77 0.00	79.77 1.55 0.00	76.03 1.21 0.00	55.11 0.13 0.00	60.58 -0.22 0.00	58.40 -0.16 0.00	88.95 0.35 0.00	80.46 -0.19 0.00	58.14 -0.30 0.00	62.89 -0.19 0.00	63.36 -0.13 0.00	57.22 -0.55 0.00	52.94 -1.10 0.00	78.84 -1.16 0.00	104.40 -1.93 0.00	94.39 -2.05 0.00	87.34 -1.60 0.00	76.29 -1.16 0.00	66.73 -0.80 0.00	54.32 -0.56 0.00	66.41 -0.38 0.00
ALCOA___DSASP 323711	51.27 0.48 0.00	52.42 0.54 0.00	67.96 0.88 0.00	69.75 0.77 0.00	79.77 1.55 0.00	76.03 1.20 0.00	55.11 0.13 0.00	60.58 -0.22 0.00	58.40 -0.16 0.00	88.95 0.35 0.00	80.46 -0.19 0.00	58.14 -0.30 0.00	62.89 -0.19 0.00	63.36 -0.12 0.00	57.22 -0.55 0.00	52.94 -1.10 0.00	78.84 -1.16 0.00	104.40 -1.93 0.00	94.39 -2.05 0.00	87.34 -1.60 0.00	76.29 -1.16 0.00	66.73 -0.80 0.00	54.32 -0.56 0.00	66.41 -0.37 0.00
ALLEGHENY___COGEN 23514	49.89 -0.89 0.00	50.53 -1.36 0.00	64.62 -2.46 0.00	66.64 -2.35 0.00	76.01 -2.20 0.00	73.26 -1.56 0.00	54.77 -0.21 0.00	61.01 -0.09 -0.31	58.64 0.08 0.00	87.33 -1.27 0.00	79.05 -1.59 0.00	52.27 -1.82 4.35	61.54 -1.55 0.00	61.89 -1.60 0.00	55.65 -2.12 0.00	53.91 -1.08 -0.95	77.87 -2.14 0.00	104.98 -1.36 0.00	96.44 0.00 0.00	88.17 -0.77 0.00	76.44 -1.01 0.00	67.59 -0.62 -0.69	54.41 -0.47 0.00	65.86 -0.91 0.00
ALTAMONT_115KV_TB 2 55880	52.35 1.56 0.00	53.45 1.57 0.00	69.23 2.15 0.00	71.13 2.14 0.00	80.45 2.24 0.00	77.02 2.19 0.00	91.15 1.86 -34.31	73.63 2.14 -10.69	60.59 2.03 0.00	91.52 2.92 0.00	83.53 2.88 0.00	60.53 2.09 0.00	65.15 2.07 0.00	65.55 2.06 0.00	59.83 2.06 0.00	62.17 2.13 -6.00	82.92 2.91 0.00	110.08 3.75 0.00	99.88 3.44 0.00	92.01 3.08 0.00	80.10 2.65 0.00	74.17 2.31 -4.34	56.76 1.88 0.00	69.02 2.24 0.00
ALTONA_WT_PWR 323606	50.09 -0.70 0.00	51.28 -0.61 0.00	66.49 -0.59 0.00	68.48 -0.51 0.00	78.17 -0.05 0.00	74.41 -0.41 0.00	53.86 -1.12 0.00	59.43 -1.37 0.00	57.36 -1.20 0.00	87.70 -0.90 0.00	79.31 -1.34 0.00	56.74 -1.70 0.00	61.08 -2.00 0.00	25.66 -2.03 35.79	-10.11 -2.27 65.60	51.55 -2.49 0.00	77.36 -2.64 0.00	103.21 -3.13 0.00	94.44 -2.00 0.00	87.68 -1.25 0.00	76.73 -0.72 0.00	67.12 -0.40 0.00	54.52 -0.36 0.00	66.91 0.13 0.00
AMERICAN_REF_FUEL 24010	45.56 -5.24 0.00	46.32 -5.57 0.00	59.26 -7.82 0.00	61.05 -7.94 0.00	69.56 -8.66 0.00	67.03 -7.80 0.00	49.59 -5.39 0.00	54.28 -6.80 -0.28	52.73 -5.83 0.00	79.30 -9.29 0.00	73.24 -7.41 0.00	50.30 -5.63 2.51	57.46 -5.63 0.00	57.52 -5.96 0.00	52.58 -5.19 0.00	50.96 -3.94 -0.87	72.80 -7.21 0.00	96.32 -10.02 0.00	87.75 -8.69 0.00	80.12 -8.81 0.00	69.56 -7.89 0.00	61.73 -6.42 -0.63	50.14 -4.73 0.00	61.69 -5.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.11 -4.68 0.00	46.96 -4.93 0.00	60.06 -7.03 0.00	62.11 -6.88 0.00	70.61 -7.60 0.00	68.35 -6.48 0.00	51.35 -3.63 0.00	57.06 -4.05 -0.31	55.35 -3.20 0.00	83.21 -5.38 0.00	76.46 -4.18 0.00	51.94 -3.52 2.98	59.58 -3.50 0.00	59.63 -3.86 0.00	54.63 -3.14 0.00	53.34 -1.66 -0.97	77.07 -2.94 0.00	103.00 -3.33 0.00	93.97 -2.47 0.00	85.97 -2.97 0.00	74.31 -3.13 0.00	65.57 -2.66 -0.70	52.48 -2.39 0.00	63.65 -3.13 0.00
ARTHUR KILL_GT_1 23520	63.13 2.72 -9.62	61.75 2.50 -7.37	69.78 2.70 0.00	71.48 2.49 0.00	80.65 2.44 0.00	77.84 3.01 0.00	66.65 2.74 -8.93	69.16 3.76 -4.61	66.71 3.77 -4.38	93.90 5.30 0.00	85.71 5.07 0.00	64.17 3.98 -1.75	67.86 3.97 -0.81	67.37 3.89 0.00	65.27 4.08 -3.42	67.94 4.19 -9.71	85.52 5.46 -0.05	117.51 8.00 -3.18	194.20 7.45 -90.31	162.11 6.66 -66.51	117.17 5.80 -33.92	79.34 4.99 -6.82	69.24 4.09 -10.28	72.93 4.69 -1.46
ARTHUR_KILL_2 23512	62.98 2.57 -9.62	61.60 2.35 -7.37	69.59 2.51 0.00	71.29 2.30 0.00	80.42 2.21 0.00	77.61 2.79 0.00	66.47 2.57 -8.93	68.97 3.57 -4.61	66.52 3.58 -4.38	93.64 5.04 0.00	85.48 4.84 0.00	64.04 3.85 -1.75	67.71 3.81 -0.81	67.23 3.74 0.00	65.13 3.94 -3.42	67.79 4.05 -9.71	85.28 5.23 -0.05	117.15 7.64 -3.18	193.86 7.10 -90.31	161.82 6.37 -66.51	116.90 5.53 -33.92	79.11 4.76 -6.82	69.05 3.90 -10.28	72.71 4.48 -1.46
ARTHUR_KILL_3 23513	62.87 1.97 -10.12	61.37 1.74 -7.74	68.57 1.95 0.45	66.06 1.80 4.73	65.75 1.80 14.26	70.99 2.43 6.27	65.83 2.40 -8.45	68.64 3.24 -4.61	66.24 3.08 -4.60	81.94 4.56 11.22	66.29 4.44 18.80	63.65 3.37 -1.84	67.26 3.33 -0.85	66.84 3.35 0.00	64.84 3.48 -3.60	66.89 3.55 -9.30	71.45 4.59 13.14	107.94 6.60 5.00	103.18 6.06 -0.68	94.50 5.34 -0.23	82.83 4.64 -0.75	78.35 3.90 -6.92	68.38 3.23 -10.28	71.88 3.58 -1.52

ARTHUR_KILL_COGEN 323718	63.13 2.72 -9.62	61.75 2.50 -7.37	69.78 2.70 0.00	71.48 2.49 0.00	80.65 2.44 0.00	77.84 3.01 0.00	66.65 2.74 -8.93	69.16 3.76 -4.61	66.71 3.77 -4.38	93.90 5.30 0.00	85.71 5.07 0.00	64.17 3.98 -1.75	67.86 3.97 -0.81	67.37 3.89 0.00	65.27 4.08 -3.42	67.94 4.19 -9.71	85.52 5.46 -0.05	117.51 8.00 -3.18	194.20 7.45 -90.31	162.11 6.66 -66.51	117.17 5.80 -33.92	79.34 4.99 -6.82	69.24 4.09 -10.28	72.93 4.69 -1.46
ASHOKAN____ 23654	54.52 3.73 0.00	55.58 3.70 0.00	71.91 4.83 0.00	73.94 4.95 0.00	83.74 5.52 0.00	80.35 5.52 0.00	86.56 4.16 -27.42	76.49 5.26 -10.43	63.64 5.08 0.00	95.83 7.23 0.00	87.14 6.50 0.00	63.01 4.57 0.00	67.67 4.59 0.00	67.98 4.49 0.00	62.08 4.31 0.00	64.13 4.55 -5.54	87.29 7.28 0.00	116.85 10.51 0.00	106.31 9.87 0.00	97.79 8.85 0.00	85.04 7.59 0.00	77.95 6.43 -4.00	60.02 5.14 0.00	72.80 6.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.05 2.26 0.00	54.00 2.11 0.00	69.53 2.45 0.00	71.34 2.35 0.00	80.61 2.40 0.00	77.85 3.02 0.00	66.69 2.79 -8.93	69.10 3.71 -4.60	62.11 3.56 0.00	93.83 5.23 0.00	85.72 5.07 0.00	62.20 3.76 0.00	66.87 3.79 0.00	67.24 3.75 0.00	61.59 3.82 0.00	62.88 3.88 -4.96	85.18 5.18 0.00	113.86 7.53 0.00	103.33 6.89 0.00	95.09 6.16 0.00	82.77 5.32 0.00	75.62 4.51 -3.58	58.55 3.67 0.00	71.00 4.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	53.05 2.26 0.00	54.00 2.11 0.00	69.53 2.45 0.00	71.34 2.35 0.00	80.61 2.40 0.00	77.85 3.02 0.00	66.69 2.79 -8.93	69.10 3.71 -4.60	62.11 3.56 0.00	93.83 5.23 0.00	85.72 5.07 0.00	62.21 3.77 0.00	66.87 3.79 0.00	67.24 3.75 0.00	61.59 3.82 0.00	62.89 3.89 -4.96	85.20 5.19 0.00	113.86 7.53 0.00	103.33 6.89 0.00	95.11 6.17 0.00	82.77 5.32 0.00	75.63 4.52 -3.58	58.57 3.69 0.00	71.00 4.22 0.00
ASTORIA_GT2_1 24094	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT2_2 24095	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT2_3 24096	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT2_4 24097	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT3_1 24098	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT3_2 24099	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT3_3 24100	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT3_4 24101	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT4_1 24102	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT4_2 24103	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT4_3 24104	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00

ASTORIA_GT4_4 24105	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.49 0.00	71.39 2.40 0.00	80.65 2.43 0.00	77.89 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.77 5.13 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.28 3.79 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.93 7.59 0.00	103.38 6.93 0.00	95.16 6.22 0.00	82.80 5.35 0.00	75.66 4.55 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA_GT_1 23523	53.17 2.38 0.00	54.13 2.25 0.00	69.69 2.61 0.00	71.51 2.53 0.00	80.79 2.58 0.00	78.03 3.20 0.00	66.85 2.95 -8.93	69.27 3.88 -4.60	62.28 3.72 0.00	94.10 5.49 0.00	85.96 5.31 0.00	62.37 3.93 0.00	67.05 3.97 0.00	67.41 3.92 0.00	61.76 3.98 0.00	63.04 4.04 -4.96	85.42 5.42 0.00	114.17 7.83 0.00	103.61 7.17 0.00	95.36 6.42 0.00	82.98 5.53 0.00	75.81 4.70 -3.58	58.71 3.84 0.00	71.16 4.38 0.00
ASTORIA_GT_10 24110	53.27 2.48 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.48 2.50 0.00	80.79 2.57 0.00	77.99 3.16 0.00	66.84 2.93 -8.93	69.31 3.91 -4.60	62.35 3.79 0.00	94.15 5.55 0.00	86.04 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.04 0.00	61.84 4.07 0.00	63.12 4.12 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.70 4.59 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
ASTORIA_GT_11 24225	53.27 2.48 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.48 2.50 0.00	80.79 2.57 0.00	77.99 3.16 0.00	66.84 2.93 -8.93	69.31 3.91 -4.60	62.35 3.79 0.00	94.15 5.55 0.00	86.04 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.04 0.00	61.84 4.07 0.00	63.12 4.12 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.70 4.59 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
ASTORIA_GT_12 24226	53.27 2.48 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.48 2.50 0.00	80.79 2.57 0.00	77.99 3.16 0.00	66.84 2.93 -8.93	69.31 3.91 -4.60	62.35 3.79 0.00	94.15 5.55 0.00	86.04 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.04 0.00	61.84 4.07 0.00	63.12 4.12 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.70 4.59 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
ASTORIA_GT_13 24227	53.27 2.48 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.48 2.50 0.00	80.79 2.57 0.00	77.99 3.16 0.00	66.84 2.93 -8.93	69.31 3.91 -4.60	62.35 3.79 0.00	94.15 5.55 0.00	86.04 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.04 0.00	61.84 4.07 0.00	63.12 4.12 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.70 4.59 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
ASTORIA_GT_5 24106	53.17 2.38 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.51 2.53 0.00	80.79 2.58 0.00	78.03 3.21 0.00	66.86 2.96 -8.93	69.27 3.88 -4.60	62.29 3.73 0.00	94.09 5.49 0.00	85.94 5.30 0.00	62.37 3.93 0.00	67.05 3.97 0.00	67.41 3.93 0.00	61.75 3.98 0.00	63.04 4.04 -4.96	85.42 5.42 0.00	114.17 7.83 0.00	103.61 7.17 0.00	95.36 6.42 0.00	82.98 5.53 0.00	75.81 4.70 -3.58	58.71 3.84 0.00	71.16 4.38 0.00
ASTORIA_GT_7 24107	53.17 2.38 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.51 2.53 0.00	80.79 2.58 0.00	78.03 3.21 0.00	66.86 2.96 -8.93	69.27 3.88 -4.60	62.29 3.73 0.00	94.09 5.49 0.00	85.94 5.30 0.00	62.37 3.93 0.00	67.05 3.97 0.00	67.41 3.93 0.00	61.75 3.98 0.00	63.04 4.04 -4.96	85.42 5.42 0.00	114.17 7.83 0.00	103.61 7.17 0.00	95.36 6.42 0.00	82.98 5.53 0.00	75.81 4.70 -3.58	58.71 3.84 0.00	71.16 4.38 0.00
ASTORIA_GT_8 24108	53.17 2.38 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.51 2.53 0.00	80.79 2.58 0.00	78.03 3.21 0.00	66.86 2.96 -8.93	69.27 3.88 -4.60	62.29 3.73 0.00	94.09 5.49 0.00	85.94 5.30 0.00	62.37 3.93 0.00	67.05 3.97 0.00	67.41 3.93 0.00	61.75 3.98 0.00	63.04 4.04 -4.96	85.42 5.42 0.00	114.17 7.83 0.00	103.61 7.17 0.00	95.36 6.42 0.00	82.98 5.53 0.00	75.81 4.70 -3.58	58.71 3.84 0.00	71.16 4.38 0.00
ASTORIA___2 24149	53.07 2.28 0.00	54.04 2.16 0.00	69.57 2.50 0.00	71.39 2.40 0.00	80.65 2.44 0.00	77.88 3.06 0.00	66.73 2.83 -8.93	69.15 3.75 -4.60	62.15 3.59 0.00	93.86 5.26 0.00	85.79 5.14 0.00	62.24 3.80 0.00	66.90 3.82 0.00	67.27 3.78 0.00	61.61 3.84 0.00	62.91 3.91 -4.96	85.25 5.25 0.00	113.92 7.58 0.00	103.39 6.94 0.00	95.15 6.22 0.00	82.80 5.35 0.00	75.67 4.57 -3.58	58.60 3.72 0.00	71.04 4.26 0.00
ASTORIA___3 23516	53.27 2.48 0.00	54.13 2.25 0.00	69.69 2.61 0.00	71.48 2.50 0.00	80.78 2.56 0.00	77.98 3.15 0.00	66.83 2.93 -8.93	69.31 3.91 -4.60	62.34 3.78 0.00	94.15 5.55 0.00	86.04 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.03 0.00	61.83 4.06 0.00	63.11 4.11 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.71 4.60 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
ASTORIA___4 23517	53.27 2.48 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.48 2.50 0.00	80.79 2.57 0.00	77.98 3.16 0.00	66.84 2.93 -8.93	69.31 3.91 -4.60	62.35 3.79 0.00	94.15 5.55 0.00	86.03 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.04 0.00	61.84 4.07 0.00	63.12 4.12 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.70 4.59 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
ASTORIA___5 23518	53.27 2.48 0.00	54.13 2.25 0.00	69.69 2.61 0.00	71.48 2.50 0.00	80.78 2.57 0.00	77.98 3.15 0.00	66.83 2.93 -8.93	69.31 3.91 -4.60	62.34 3.78 0.00	94.15 5.55 0.00	86.04 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.03 0.00	61.83 4.06 0.00	63.11 4.11 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.71 4.60 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
AST_ENERGY_2_CC3 323677	52.92 2.13 0.00	53.78 1.90 0.00	69.28 2.20 0.00	71.05 2.07 0.00	80.24 2.03 0.00	77.49 2.66 0.00	66.49 2.58 -8.93	68.86 3.46 -4.60	61.87 3.32 0.00	93.49 4.89 0.00	85.43 4.78 0.00	62.07 3.63 0.00	66.67 3.59 0.00	67.06 3.58 0.00	61.46 3.69 0.00	62.78 3.78 -4.96	84.90 4.89 0.00	113.33 7.00 0.00	102.88 6.44 0.00	94.62 5.69 0.00	82.39 4.95 0.00	75.29 4.18 -3.58	58.34 3.47 0.00	70.62 3.84 0.00
AST_ENERGY_2_CC4 323678	52.92 2.13 0.00	53.78 1.90 0.00	69.28 2.20 0.00	71.05 2.07 0.00	80.24 2.03 0.00	77.49 2.66 0.00	66.49 2.58 -8.93	68.86 3.46 -4.60	61.87 3.32 0.00	93.49 4.89 0.00	85.43 4.78 0.00	62.07 3.63 0.00	66.67 3.59 0.00	67.06 3.58 0.00	61.46 3.69 0.00	62.78 3.78 -4.96	84.90 4.89 0.00	113.33 7.00 0.00	102.88 6.44 0.00	94.62 5.69 0.00	82.39 4.95 0.00	75.29 4.18 -3.58	58.34 3.47 0.00	70.62 3.84 0.00

ATHENS_STG_1 23668	52.41 1.61 0.00	53.48 1.60 0.00	69.17 2.09 0.00	71.02 2.03 0.00	80.28 2.06 0.00	77.01 2.18 0.00	63.76 2.02 -6.76	67.31 2.55 -3.97	60.94 2.39 0.00	92.03 3.42 0.00	83.96 3.32 0.00	60.84 2.41 0.00	65.50 2.41 0.00	65.88 2.40 0.00	60.19 2.42 0.00	62.02 2.54 -5.44	83.51 3.50 0.00	111.22 4.89 0.00	100.95 4.50 0.00	92.99 4.06 0.00	80.96 3.51 0.00	74.46 3.00 -3.93	57.32 2.45 0.00	69.61 2.83 0.00
ATHENS_STG_2 23670	52.41 1.61 0.00	53.48 1.60 0.00	69.17 2.09 0.00	71.02 2.03 0.00	80.28 2.06 0.00	77.01 2.18 0.00	63.76 2.02 -6.76	67.31 2.55 -3.97	60.94 2.39 0.00	92.03 3.42 0.00	83.96 3.32 0.00	60.84 2.41 0.00	65.50 2.41 0.00	65.88 2.40 0.00	60.19 2.42 0.00	62.02 2.54 -5.44	83.51 3.50 0.00	111.22 4.89 0.00	100.95 4.50 0.00	92.99 4.06 0.00	80.96 3.51 0.00	74.46 3.00 -3.93	57.32 2.45 0.00	69.61 2.83 0.00
ATHENS_STG_3 23677	52.41 1.61 0.00	53.48 1.60 0.00	69.17 2.09 0.00	71.02 2.03 0.00	80.28 2.06 0.00	77.01 2.18 0.00	63.76 2.02 -6.76	67.31 2.55 -3.97	60.94 2.39 0.00	92.03 3.42 0.00	83.96 3.32 0.00	60.84 2.41 0.00	65.50 2.41 0.00	65.88 2.40 0.00	60.19 2.42 0.00	62.02 2.54 -5.44	83.51 3.50 0.00	111.22 4.89 0.00	100.95 4.50 0.00	92.99 4.06 0.00	80.96 3.51 0.00	74.46 3.00 -3.93	57.32 2.45 0.00	69.61 2.83 0.00
AUBURN___LFGE 323710	49.95 -0.85 0.00	50.89 -1.00 0.00	65.62 -1.46 0.00	67.52 -1.46 0.00	76.64 -1.57 0.00	73.54 -1.29 0.00	54.44 -0.54 0.00	60.46 -0.57 -0.24	58.34 -0.22 0.00	87.67 -0.93 0.00	79.63 -1.02 0.00	58.40 -1.02 -0.99	62.05 -1.03 0.00	62.37 -1.11 0.00	56.94 -0.83 0.00	54.36 -0.41 -0.73	79.55 -0.46 0.00	106.02 -0.32 0.00	96.57 0.13 0.00	89.09 0.16 0.00	77.48 0.04 0.00	67.83 -0.23 -0.53	54.84 -0.04 0.00	66.65 -0.13 0.00
BABYLON_RES_REC 323704	54.29 3.50 0.00	55.19 3.31 0.00	71.08 4.00 0.00	72.86 3.88 0.00	82.54 4.33 0.00	94.65 4.80 -15.03	111.57 4.26 -52.33	71.42 5.26 -5.37	63.15 4.59 0.00	94.72 6.11 0.00	86.57 5.92 0.00	62.68 4.24 0.00	67.41 4.33 0.00	67.86 4.38 0.00	62.20 4.43 0.00	63.48 4.49 -4.96	86.53 6.53 0.00	115.79 9.46 0.00	105.15 8.71 0.00	96.73 7.79 0.00	84.18 6.74 0.00	76.86 5.75 -3.58	59.59 4.71 0.00	72.25 5.47 0.00
BABYLON__69_KV_BK2 356345	54.84 4.05 0.00	55.72 3.84 0.00	71.77 4.68 0.00	73.58 4.60 0.00	83.36 5.15 0.00	95.48 5.62 -15.03	112.18 4.88 -52.33	72.10 5.94 -5.37	63.80 5.24 0.00	95.62 7.02 0.00	87.33 6.68 0.00	63.32 4.88 0.00	68.11 5.03 0.00	68.57 5.09 0.00	62.87 5.10 0.00	64.16 5.16 -4.96	87.59 7.58 0.00	117.30 10.97 0.00	106.55 10.10 0.00	98.00 9.06 0.00	85.25 7.80 0.00	77.78 6.67 -3.58	60.31 5.44 0.00	73.11 6.33 0.00
BALL_HILL_WT_PWR 323825	46.77 -4.02 0.00	47.53 -4.36 0.00	60.88 -6.20 0.00	62.82 -6.16 0.00	71.42 -6.79 0.00	68.86 -5.96 0.00	51.36 -3.62 0.00	56.76 -4.34 -0.30	54.96 -3.60 0.00	82.60 -6.00 0.00	75.94 -4.71 0.00	51.72 -3.80 2.92	59.43 -3.65 0.00	59.56 -3.92 0.00	54.47 -3.30 0.00	52.88 -2.09 -0.94	76.04 -3.97 0.00	101.28 -5.06 0.00	92.33 -4.11 0.00	84.44 -4.50 0.00	73.17 -4.28 0.00	64.78 -3.42 -0.68	52.25 -2.62 0.00	63.74 -3.04 0.00
BARON_WINDS___WT_PWR 323822	47.22 -3.57 0.00	47.76 -4.13 0.00	61.10 -5.98 0.00	63.02 -5.97 0.00	71.58 -6.63 0.00	68.67 -6.16 0.00	53.98 -3.78 -2.78	58.17 -4.01 -1.38	54.99 -3.56 0.00	81.78 -6.82 0.00	74.26 -6.39 0.00	48.22 -4.92 5.30	58.34 -4.74 0.00	59.00 -4.49 0.00	53.96 -3.81 0.00	52.62 -2.60 -1.18	76.17 -3.83 0.00	103.05 -3.29 0.00	94.37 -2.07 0.00	86.55 -2.38 0.00	75.19 -2.26 0.00	66.69 -1.69 -0.85	53.57 -1.31 0.00	64.87 -1.91 0.00
BARRETT_IC_1 23704	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_10 23701	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_11 23702	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_12 23703	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_2 23705	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_3 23706	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_4 23707	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00

BARRETT_IC_5 23708	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_6 23709	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_7 23710	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.25 0.00	93.58 3.73 -15.03	110.60 3.30 -52.33	70.23 4.06 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.88 0.00	67.36 3.88 0.00	61.72 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.41 0.00	103.29 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.69 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_8 23711	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT_IC_9 23700	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT___1 23545	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BARRETT___2 23546	53.58 2.79 0.00	54.47 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.46 3.24 0.00	93.58 3.72 -15.03	110.60 3.30 -52.33	70.23 4.07 -5.37	62.11 3.55 0.00	93.48 4.88 0.00	85.80 5.16 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.36 3.87 0.00	61.73 3.96 0.00	62.89 3.89 -4.96	85.41 5.40 0.00	113.75 7.42 0.00	103.30 6.85 0.00	95.07 6.14 0.00	82.76 5.31 0.00	75.64 4.53 -3.58	58.68 3.81 0.00	71.15 4.37 0.00
BATAVIA__115KV_TB1 55881	48.10 -2.69 0.00	48.86 -3.02 0.00	62.63 -4.45 0.00	64.54 -4.45 0.00	73.59 -4.63 0.00	71.01 -3.82 0.00	52.78 -2.19 0.00	58.05 -3.01 -0.26	56.16 -2.39 0.00	83.91 -4.69 0.00	76.96 -3.69 0.00	52.96 -3.30 2.18	59.81 -3.28 0.00	60.01 -3.48 0.00	54.96 -2.81 0.00	53.20 -1.64 -0.81	77.02 -2.99 0.00	102.60 -3.73 0.00	93.63 -2.81 0.00	85.50 -3.44 0.00	74.13 -3.32 0.00	65.47 -2.64 -0.58	53.02 -1.86 0.00	64.87 -1.91 0.00
BAYONEEC___CTG1 323682	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BAYONEEC___CTG10 323750	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BAYONEEC___CTG2 323683	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BAYONEEC___CTG3 323684	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BAYONEEC___CTG4 323685	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BAYONEEC___CTG5 323686	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BAYONEEC___CTG6 323687	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00

BAYONEEC___CTG7 323688	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BAYONEEC___CTG8 323689	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BAYONEEC___CTG9 323749	53.03 2.24 0.00	53.90 2.01 0.00	69.42 2.34 0.00	71.20 2.21 0.00	80.45 2.24 0.00	77.63 2.80 0.00	64.73 2.68 -7.07	68.96 3.56 -4.60	61.96 3.40 0.00	93.67 5.07 0.00	85.57 4.92 0.00	62.15 3.71 0.00	66.80 3.71 0.00	67.21 3.72 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.06 5.05 0.00	111.72 7.16 1.78	103.02 6.58 0.00	94.75 5.81 0.00	82.50 5.05 0.00	75.41 4.30 -3.58	58.43 3.55 0.00	70.76 3.97 0.00
BEACON___LESR 323632	52.98 2.19 0.00	54.12 2.24 0.00	70.20 3.12 0.00	72.16 3.17 0.00	81.57 3.36 0.00	77.88 3.05 0.00	106.32 2.65 -48.69	81.51 3.28 -17.44	61.72 3.17 0.00	93.25 4.65 0.00	85.04 4.39 0.00	61.66 3.22 0.00	66.32 3.24 0.00	66.66 3.18 0.00	60.83 3.06 0.00	63.26 3.19 -6.04	84.28 4.28 0.00	111.79 5.46 0.00	101.32 4.88 0.00	93.27 4.33 0.00	81.15 3.71 0.00	75.15 3.26 -4.36	57.48 2.61 0.00	69.95 3.17 0.00
BEAVER RIVER___HYD 24048	50.30 -0.49 0.00	51.59 -0.29 0.00	66.68 -0.40 0.00	69.99 1.01 0.00	80.18 1.97 0.00	77.31 2.48 0.00	56.32 1.35 0.00	62.78 1.91 -0.07	60.31 1.75 0.00	89.11 0.50 0.00	80.55 -0.10 0.00	57.83 -0.61 0.00	62.83 -0.25 0.00	63.53 0.05 0.00	57.10 -0.67 0.00	53.39 -0.87 -0.23	79.73 -0.28 0.00	108.07 1.73 0.00	99.13 2.69 0.00	92.25 3.31 0.00	80.06 2.62 0.00	70.15 2.46 -0.17	57.13 2.25 0.00	69.63 2.85 0.00
BEEBEE_GT_13 23619	48.05 -2.75 0.00	48.91 -2.97 0.00	62.86 -4.22 0.00	64.75 -4.24 0.00	73.70 -4.52 0.00	70.92 -3.90 0.00	52.62 -2.36 0.00	58.05 -2.98 -0.23	56.08 -2.48 0.00	84.41 -4.19 0.00	77.28 -3.36 0.00	54.05 -2.76 1.63	60.42 -2.66 0.00	60.62 -2.86 0.00	55.30 -2.47 0.00	53.16 -1.59 -0.71	77.07 -2.94 0.00	102.35 -3.98 0.00	93.14 -3.30 0.00	85.29 -3.65 0.00	74.00 -3.45 0.00	65.17 -2.87 -0.52	52.74 -2.13 0.00	64.36 -2.42 0.00
BENSHRST_27_KV_BENSHRST_1 355998	63.49 3.08 -9.62	62.10 2.85 -7.37	70.34 3.26 0.00	72.11 3.12 0.00	81.45 3.24 0.00	78.64 3.81 0.00	67.32 3.42 -8.93	69.92 4.51 -4.61	67.37 4.44 -4.38	95.04 6.44 0.00	86.82 6.18 0.00	64.88 4.69 -1.75	68.67 4.77 -0.81	68.20 4.72 0.00	65.95 4.76 -3.42	68.55 4.80 -9.71	86.45 6.39 -0.05	131.72 9.12 -16.27	197.62 8.42 -92.76	162.97 7.52 -66.51	117.88 6.51 -33.92	79.91 5.57 -6.82	69.69 4.54 -10.28	73.43 5.20 -1.46
BETHLEHEM___GRP 23843	52.14 1.35 0.00	53.30 1.42 0.00	69.25 2.17 0.00	71.13 2.15 0.00	80.40 2.19 0.00	76.71 1.89 0.00	104.01 1.67 -47.36	79.84 2.12 -16.93	60.59 2.03 0.00	91.73 3.13 0.00	83.90 3.25 0.00	60.82 2.38 0.00	65.43 2.34 0.00	65.80 2.31 0.00	60.03 2.26 0.00	62.31 2.23 -6.04	82.81 2.81 0.00	109.41 3.07 0.00	99.19 2.75 0.00	91.37 2.43 0.00	79.55 2.11 0.00	73.79 1.89 -4.37	56.42 1.55 0.00	68.71 1.93 0.00
BETHLEHEM___GS1 323560	52.14 1.35 0.00	53.30 1.42 0.00	69.25 2.17 0.00	71.14 2.15 0.00	80.40 2.19 0.00	76.71 1.88 0.00	104.01 1.68 -47.36	79.85 2.12 -16.93	60.59 2.03 0.00	91.73 3.13 0.00	83.90 3.25 0.00	60.82 2.38 0.00	65.43 2.34 0.00	65.79 2.31 0.00	60.03 2.26 0.00	62.31 2.23 -6.04	82.81 2.81 0.00	109.41 3.07 0.00	99.19 2.75 0.00	91.37 2.43 0.00	79.55 2.11 0.00	73.78 1.89 -4.37	56.42 1.55 0.00	68.71 1.93 0.00
BETHLEHEM___GS2 323561	52.14 1.35 0.00	53.30 1.42 0.00	69.25 2.17 0.00	71.14 2.15 0.00	80.40 2.19 0.00	76.71 1.88 0.00	104.01 1.68 -47.36	79.85 2.12 -16.93	60.59 2.03 0.00	91.73 3.13 0.00	83.90 3.25 0.00	60.82 2.38 0.00	65.43 2.34 0.00	65.79 2.31 0.00	60.03 2.26 0.00	62.31 2.23 -6.04	82.81 2.81 0.00	109.41 3.07 0.00	99.19 2.75 0.00	91.37 2.43 0.00	79.55 2.11 0.00	73.78 1.89 -4.37	56.42 1.55 0.00	68.71 1.93 0.00
BETHLEHEM___GS3 323562	52.14 1.35 0.00	53.30 1.42 0.00	69.25 2.17 0.00	71.14 2.15 0.00	80.40 2.19 0.00	76.71 1.88 0.00	104.01 1.68 -47.36	79.85 2.12 -16.93	60.59 2.03 0.00	91.73 3.13 0.00	83.90 3.25 0.00	60.82 2.38 0.00	65.43 2.34 0.00	65.79 2.31 0.00	60.03 2.26 0.00	62.31 2.23 -6.04	82.81 2.81 0.00	109.41 3.07 0.00	99.19 2.75 0.00	91.37 2.43 0.00	79.55 2.11 0.00	73.78 1.89 -4.37	56.42 1.55 0.00	68.71 1.93 0.00
BETHLEHEM___STEEL 23779	47.16 -3.63 0.00	47.84 -4.04 0.00	61.31 -5.77 0.00	63.21 -5.78 0.00	71.94 -6.28 0.00	69.29 -5.54 0.00	51.51 -3.47 0.00	56.66 -4.43 -0.30	54.91 -3.65 0.00	82.48 -6.12 0.00	75.97 -4.67 0.00	51.89 -3.71 2.84	59.56 -3.53 0.00	59.68 -3.80 0.00	54.56 -3.21 0.00	52.96 -2.00 -0.92	76.00 -4.01 0.00	100.99 -5.34 0.00	92.08 -4.36 0.00	84.09 -4.85 0.00	72.92 -4.53 0.00	64.63 -3.56 -0.67	52.33 -2.54 0.00	64.06 -2.72 0.00
BETHLHEM_115KV_TB1 79974	52.16 1.37 0.00	53.31 1.43 0.00	69.21 2.13 0.00	71.08 2.09 0.00	80.37 2.15 0.00	76.73 1.90 0.00	101.35 1.69 -44.68	78.90 2.13 -15.98	60.59 2.03 0.00	91.72 3.12 0.00	83.84 3.19 0.00	60.77 2.33 0.00	65.37 2.29 0.00	65.74 2.26 0.00	60.00 2.23 0.00	62.29 2.22 -6.04	82.86 2.86 0.00	109.58 3.24 0.00	99.38 2.94 0.00	91.55 2.61 0.00	79.71 2.27 0.00	73.91 2.03 -4.36	56.51 1.64 0.00	68.81 2.03 0.00
BETHPAGE_CC_5 323564	53.75 2.96 0.00	54.65 2.76 0.00	70.40 3.32 0.00	72.19 3.21 0.00	81.76 3.55 0.00	93.89 4.03 -15.03	110.92 3.62 -52.33	70.67 4.51 -5.37	62.50 3.94 0.00	93.90 5.31 0.00	85.88 5.23 0.00	62.32 3.88 0.00	67.03 3.95 0.00	67.46 3.98 0.00	61.83 4.06 0.00	63.10 4.10 -4.96	85.87 5.86 0.00	114.71 8.37 0.00	104.13 7.69 0.00	95.80 6.87 0.00	83.37 5.92 0.00	76.15 5.04 -3.58	59.01 4.14 0.00	71.57 4.78 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.45 -3.34 0.00	48.10 -3.78 0.00	61.68 -5.40 0.00	63.58 -5.41 0.00	72.35 -5.87 0.00	69.71 -5.12 0.00	51.84 -3.14 0.00	57.08 -4.02 -0.30	55.26 -3.29 0.00	83.04 -5.56 0.00	76.47 -4.18 0.00	52.23 -3.34 2.87	59.95 -3.13 0.00	60.09 -3.40 0.00	54.93 -2.84 0.00	53.31 -1.66 -0.94	76.50 -3.51 0.00	101.71 -4.62 0.00	92.70 -3.74 0.00	84.68 -4.26 0.00	73.41 -4.03 0.00	65.08 -3.12 -0.67	52.69 -2.19 0.00	64.47 -2.31 0.00

BINGHAMTON___COGEN 23790	49.94 -0.86 0.00	50.90 -0.98 0.00	65.65 -1.43 0.00	67.56 -1.43 0.00	76.51 -1.71 0.00	73.40 -1.42 0.00	58.75 -0.51 -4.28	62.46 -0.41 -2.08	58.28 -0.27 0.00	87.62 -0.98 0.00	79.77 -0.88 0.00	56.20 -0.84 1.40	62.32 -0.76 0.00	62.60 -0.88 0.00	57.15 -0.62 0.00	55.47 -0.22 -1.66	79.53 -0.48 0.00	106.35 0.01 0.00	96.77 0.33 0.00	88.98 0.04 0.00	77.38 -0.07 0.00	68.78 0.06 -1.20	54.91 0.03 0.00	66.72 -0.06 0.00
BIXINCNT_115KV_LOAD 355685	47.52 -3.27 0.00	47.45 -4.44 0.00	61.04 -6.04 0.00	63.14 -5.84 0.00	71.39 -6.82 0.00	69.28 -5.54 0.00	53.57 -3.01 -1.61	57.89 -3.22 -0.31	55.37 -3.18 0.00	83.42 -5.18 0.00	76.77 -3.88 0.00	52.54 -2.88 3.02	60.49 -2.59 0.00	60.64 -2.84 0.00	55.34 -2.43 0.00	53.89 -1.13 -0.98	77.74 -2.27 0.00	104.15 -2.19 0.00	94.97 -1.47 0.00	86.81 -2.13 0.00	75.28 -2.17 0.00	66.68 -1.56 -0.71	53.83 -1.04 0.00	65.47 -1.32 0.00
BLACK RIVER___HYD 24047	50.32 -0.47 0.00	51.56 -0.33 0.00	66.67 -0.41 0.00	70.06 1.08 0.00	80.29 2.07 0.00	77.46 2.63 0.00	56.57 1.60 0.00	63.57 2.67 -0.11	61.02 2.46 0.00	89.51 0.91 0.00	81.12 0.48 0.00	57.88 -0.56 0.00	63.28 0.19 0.00	64.32 0.84 0.00	57.36 -0.41 0.00	53.75 -0.62 -0.33	80.31 0.31 0.00	109.44 3.11 0.00	100.85 4.41 0.00	93.97 5.04 0.00	81.27 3.83 0.00	71.12 3.36 -0.24	57.87 2.99 0.00	70.52 3.74 0.00
BLACKRVR_115KV_TB2 79977	50.32 -0.47 0.00	51.56 -0.33 0.00	66.67 -0.41 0.00	70.06 1.08 0.00	80.30 2.08 0.00	77.46 2.63 0.00	56.57 1.60 0.00	63.57 2.67 -0.11	61.02 2.46 0.00	89.52 0.92 0.00	81.12 0.48 0.00	57.88 -0.56 0.00	63.28 0.20 0.00	64.32 0.84 0.00	57.36 -0.41 0.00	53.75 -0.62 -0.33	80.31 0.31 0.00	109.44 3.11 0.00	100.85 4.41 0.00	93.96 5.03 0.00	81.27 3.83 0.00	71.12 3.36 -0.24	57.87 2.99 0.00	70.52 3.74 0.00
BLISS_WT_PWR 323608	47.20 -3.59 0.00	46.91 -4.97 0.00	60.40 -6.68 0.00	62.53 -6.46 0.00	70.60 -7.61 0.00	68.72 -6.11 0.00	53.27 -3.31 -1.61	57.66 -3.46 -0.31	54.99 -3.57 0.00	82.88 -5.72 0.00	76.28 -4.37 0.00	52.25 -3.17 3.02	60.23 -2.86 0.00	60.37 -3.12 0.00	55.08 -2.69 0.00	53.75 -1.27 -0.98	77.71 -2.30 0.00	104.28 -2.06 0.00	95.14 -1.30 0.00	86.95 -1.98 0.00	75.41 -2.04 0.00	66.77 -1.46 -0.71	53.87 -1.01 0.00	65.41 -1.37 0.00
BLUESTONE___WT_PWR 323821	49.59 -1.20 0.00	50.64 -1.25 0.00	65.65 -1.44 0.00	67.20 -1.79 0.00	75.54 -2.67 0.00	73.31 -1.51 0.00	62.63 -0.28 -7.93	64.20 -0.12 -3.52	58.99 0.43 0.00	88.04 -0.56 0.00	80.18 -0.46 0.00	58.93 -0.99 -1.47	61.81 -1.27 0.00	62.34 -1.14 0.00	57.07 -0.70 0.00	55.78 -0.04 -1.78	81.55 1.54 0.00	110.52 4.18 0.00	102.18 5.74 0.00	93.04 4.11 0.00	82.06 4.61 0.00	73.84 5.02 -1.29	58.92 4.04 0.00	71.34 4.55 0.00
BLUE_CIRC_CHEM_DRP 24182	54.25 3.46 0.00	55.45 3.56 0.00	71.97 4.89 0.00	73.97 4.98 0.00	83.52 5.31 0.00	79.90 5.07 0.00	96.78 4.02 -37.78	79.06 4.56 -13.69	62.54 3.98 0.00	93.38 4.78 0.00	85.26 4.61 0.00	61.45 3.01 0.00	65.31 2.22 0.00	65.67 2.19 0.00	60.06 2.29 0.00	62.38 2.39 -5.95	83.34 3.33 0.00	110.54 4.20 0.00	100.27 3.83 0.00	92.37 3.43 0.00	80.41 2.96 0.00	74.45 2.62 -4.30	57.02 2.14 0.00	69.40 2.62 0.00
BOC_GAS_DRP 24189	52.08 1.29 0.00	53.20 1.31 0.00	68.91 1.83 0.00	70.79 1.80 0.00	80.03 1.82 0.00	76.59 1.76 0.00	86.38 1.60 -29.80	73.51 2.01 -10.69	60.46 1.90 0.00	91.38 2.78 0.00	83.41 2.77 0.00	60.46 2.02 0.00	65.09 2.01 0.00	65.48 1.99 0.00	59.77 2.00 0.00	62.11 2.07 -6.00	82.77 2.77 0.00	109.87 3.53 0.00	99.69 3.25 0.00	91.83 2.90 0.00	79.96 2.52 0.00	74.06 2.20 -4.34	56.67 1.79 0.00	68.91 2.12 0.00
BOONVILLE_115KV_TB1 79983	51.39 0.60 0.00	52.59 0.70 0.00	67.98 0.90 0.00	70.62 1.63 0.00	80.34 2.13 0.00	77.35 2.52 0.00	56.83 1.86 0.00	63.09 2.23 -0.06	60.72 2.16 0.00	90.68 2.08 0.00	82.37 1.73 0.00	59.38 0.94 0.00	64.28 1.20 0.00	64.72 1.23 0.00	58.78 1.01 0.00	55.26 1.04 -0.19	81.98 1.98 0.00	110.03 3.70 0.00	100.28 3.84 0.00	92.77 3.83 0.00	80.54 3.09 0.00	70.39 2.72 -0.14	57.16 2.28 0.00	69.49 2.71 0.00
BORALEX_4TH_BRANCH 23824	54.23 3.44 0.00	55.29 3.40 0.00	71.62 4.54 0.00	73.55 4.56 0.00	83.11 4.90 0.00	79.74 4.91 0.00	128.39 3.96 -69.46	92.87 4.55 -27.52	62.96 4.40 0.00	95.09 6.49 0.00	86.63 5.99 0.00	62.83 4.39 0.00	67.62 4.53 0.00	67.93 4.45 0.00	62.07 4.30 0.00	64.49 4.42 -6.03	86.34 6.34 0.00	114.59 8.25 0.00	104.08 7.63 0.00	95.96 7.03 0.00	83.60 6.16 0.00	77.32 5.44 -4.36	59.28 4.40 0.00	71.94 5.16 0.00
BOWLINE___1 23526	52.51 1.72 0.00	53.42 1.54 0.00	68.87 1.79 0.00	70.64 1.66 0.00	79.91 1.69 0.00	77.00 2.17 0.00	65.76 2.15 -8.63	68.11 2.85 -4.45	61.17 2.61 0.00	92.48 3.88 0.00	84.41 3.77 0.00	61.16 2.72 0.00	65.77 2.69 0.00	66.20 2.71 0.00	60.58 2.81 0.00	61.85 3.00 -4.81	84.00 4.00 0.00	112.10 5.76 0.00	101.80 5.35 0.00	93.69 4.75 0.00	81.63 4.18 0.00	74.49 3.49 -3.47	57.72 2.84 0.00	70.13 3.35 0.00
BOWLINE___2 23595	52.58 1.79 0.00	53.49 1.60 0.00	68.97 1.89 0.00	70.75 1.76 0.00	80.04 1.82 0.00	77.11 2.28 0.00	65.84 2.23 -8.63	68.17 2.91 -4.45	61.20 2.64 0.00	92.63 4.04 0.00	84.55 3.91 0.00	61.24 2.80 0.00	65.85 2.77 0.00	66.29 2.81 0.00	60.66 2.89 0.00	61.91 3.06 -4.82	84.12 4.11 0.00	112.29 5.95 0.00	101.95 5.51 0.00	93.84 4.90 0.00	81.74 4.30 0.00	74.59 3.59 -3.47	57.81 2.93 0.00	70.16 3.38 0.00
BRADY___115KV_TB2 356060	51.85 1.06 0.00	53.01 1.13 0.00	68.74 1.66 0.00	70.59 1.61 0.00	80.78 2.56 0.00	77.12 2.29 0.00	55.93 0.95 0.00	61.52 0.72 0.00	59.15 0.60 0.00	89.73 1.13 0.00	80.68 0.03 0.00	58.23 -0.22 0.00	63.10 0.02 0.00	63.58 0.10 0.00	57.36 -0.41 0.00	52.92 -1.12 0.00	79.10 -0.90 0.00	105.24 -1.10 0.00	95.26 -1.18 0.00	88.19 -0.75 0.00	77.09 -0.35 0.00	67.52 -0.01 0.00	54.97 0.09 0.00	67.23 0.45 0.00
BRANSCOMB___SOLAR 323811	54.20 3.41 0.00	55.32 3.43 0.00	71.65 4.57 0.00	73.61 4.63 0.00	83.26 5.05 0.00	79.97 5.15 0.00	155.29 4.35 -95.96	104.70 5.07 -38.83	62.90 4.35 0.00	94.49 5.89 0.00	86.15 5.51 0.00	62.39 3.95 0.00	67.10 4.01 0.00	67.30 3.82 0.00	61.39 3.62 0.00	64.34 4.08 -6.23	86.31 6.31 0.00	115.08 8.74 0.00	104.65 8.21 0.00	96.40 7.46 0.00	83.85 6.41 0.00	77.57 5.54 -4.50	59.34 4.47 0.00	72.01 5.23 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	54.73 3.94 0.00	55.61 3.73 0.00	71.59 4.51 0.00	73.46 4.47 0.00	83.22 5.00 0.00	95.32 5.46 -15.03	111.94 4.64 -52.33	71.84 5.68 -5.37	63.65 5.09 0.00	95.39 6.79 0.00	87.18 6.54 0.00	63.23 4.79 0.00	68.04 4.96 0.00	68.51 5.02 0.00	62.81 5.04 0.00	64.07 5.07 -4.96	87.40 7.40 0.00	116.98 10.65 0.00	106.26 9.82 0.00	97.72 8.78 0.00	85.02 7.57 0.00	77.58 6.48 -3.58	60.18 5.31 0.00	72.96 6.18 0.00

BRISTLHL_115KV_TB1 79998	48.87 -1.93 0.00	49.84 -2.05 0.00	64.33 -2.75 0.00	66.22 -2.77 0.00	75.11 -3.10 0.00	72.08 -2.75 0.00	53.43 -1.54 0.00	60.73 -0.23 -0.17	58.47 -0.08 0.00	87.79 -0.81 0.00	80.10 -0.55 0.00	57.81 -0.63 0.00	62.33 -0.75 0.00	62.57 -0.91 0.00	57.10 -0.66 0.00	54.50 -0.06 -0.53	79.94 -0.06 0.00	106.77 0.43 0.00	97.20 0.75 0.00	89.45 0.51 0.00	77.63 0.19 0.00	68.02 0.11 -0.38	54.98 0.11 0.00	66.79 0.01 0.00
BROOKHAVEN___DRP 24191	54.37 3.58 0.00	55.32 3.43 0.00	71.23 4.15 0.00	73.04 4.06 0.00	82.77 4.56 0.00	94.82 4.97 -15.03	111.80 4.50 -52.33	71.66 5.49 -5.37	63.25 4.69 0.00	94.44 5.84 0.00	85.87 5.23 0.00	62.41 3.97 0.00	67.36 4.28 0.00	67.85 4.37 0.00	62.10 4.33 0.00	63.22 4.23 -4.96	86.15 6.14 0.00	115.66 9.32 0.00	104.69 8.25 0.00	96.28 7.34 0.00	83.78 6.33 0.00	76.70 5.59 -3.58	59.60 4.72 0.00	72.48 5.70 0.00
BROOKLYN_NAVY_YARD 23515	53.06 2.27 0.00	53.97 2.08 0.00	69.62 2.54 0.00	71.40 2.42 0.00	80.69 2.47 0.00	77.88 3.06 0.00	66.63 2.73 -8.93	69.02 3.62 -4.60	62.01 3.45 0.00	93.69 5.10 0.00	85.56 4.91 0.00	62.12 3.68 0.00	66.78 3.69 0.00	67.20 3.71 0.00	61.56 3.79 0.00	62.87 3.87 -4.96	85.08 5.07 0.00	113.58 7.25 0.00	103.12 6.68 0.00	94.86 5.92 0.00	82.57 5.13 0.00	75.46 4.35 -3.58	58.43 3.55 0.00	70.75 3.96 0.00
BROOKLYN___ARMY_DRP 323595	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
BROOKVLE_69_KV_TB1 55790	54.13 3.34 0.00	55.04 3.15 0.00	70.85 3.77 0.00	72.67 3.69 0.00	82.31 4.10 0.00	94.43 4.57 -15.03	111.24 3.94 -52.33	71.01 4.85 -5.37	62.90 4.34 0.00	94.66 6.06 0.00	86.61 5.96 0.00	62.97 4.53 0.00	67.74 4.65 0.00	68.02 4.54 0.00	62.33 4.56 0.00	63.58 4.58 -4.96	86.51 6.50 0.00	115.54 9.21 0.00	104.86 8.42 0.00	96.51 7.58 0.00	83.97 6.52 0.00	76.64 5.53 -3.58	59.41 4.53 0.00	72.00 5.22 0.00
BROOME_2_LFGE 323671	49.94 -0.85 0.00	50.90 -0.99 0.00	65.65 -1.43 0.00	67.55 -1.43 0.00	76.51 -1.71 0.00	73.40 -1.42 0.00	58.74 -0.51 -4.28	62.46 -0.41 -2.08	58.28 -0.27 0.00	87.62 -0.98 0.00	79.78 -0.87 0.00	56.19 -0.85 1.40	62.33 -0.76 0.00	62.60 -0.88 0.00	57.15 -0.62 0.00	55.47 -0.23 -1.66	79.55 -0.46 0.00	106.35 0.01 0.00	96.77 0.33 0.00	88.98 0.04 0.00	77.38 -0.07 0.00	68.79 0.06 -1.20	54.91 0.03 0.00	66.72 -0.06 0.00
BROOME___LFGE 323600	49.94 -0.85 0.00	50.90 -0.99 0.00	65.65 -1.43 0.00	67.55 -1.43 0.00	76.51 -1.71 0.00	73.40 -1.42 0.00	58.74 -0.51 -4.28	62.46 -0.41 -2.08	58.28 -0.27 0.00	87.62 -0.98 0.00	79.78 -0.87 0.00	56.19 -0.85 1.40	62.33 -0.76 0.00	62.60 -0.88 0.00	57.15 -0.62 0.00	55.47 -0.23 -1.66	79.55 -0.46 0.00	106.35 0.01 0.00	96.77 0.33 0.00	88.98 0.04 0.00	77.38 -0.07 0.00	68.79 0.06 -1.20	54.91 0.03 0.00	66.72 -0.06 0.00
BROWNFLS_115KV_TB_3_5 80003	50.51 -0.28 0.00	51.76 -0.13 0.00	66.98 -0.10 0.00	69.65 0.67 0.00	79.84 1.63 0.00	76.67 1.85 0.00	55.72 0.74 0.00	61.79 0.94 -0.05	59.39 0.83 0.00	88.73 0.13 0.00	80.13 -0.52 0.00	57.65 -0.79 0.00	62.55 -0.53 0.00	63.14 -0.34 0.00	56.76 -1.01 0.00	52.68 -1.51 -0.16	78.57 -1.44 0.00	105.65 -0.69 0.00	96.44 0.00 0.00	89.58 0.65 0.00	78.06 0.62 0.00	68.56 0.92 -0.12	55.86 0.99 0.00	68.19 1.41 0.00
BROWNSV1_27_KV_LOAD 356125	53.63 2.84 0.00	54.50 2.62 0.00	70.17 3.09 0.00	71.96 2.98 0.00	81.35 3.13 0.00	78.55 3.72 0.00	67.32 3.42 -8.93	69.78 4.38 -4.60	62.77 4.22 0.00	94.84 6.24 0.00	86.66 6.01 0.00	62.90 4.46 0.00	67.63 4.55 0.00	68.02 4.53 0.00	62.31 4.54 0.00	63.58 4.59 -4.96	86.14 6.13 0.00	115.00 8.67 0.00	104.40 7.95 0.00	96.01 7.08 0.00	83.58 6.14 0.00	76.33 5.22 -3.58	59.14 4.26 0.00	71.61 4.82 0.00
BURROWS___LYONSDAL 23803	50.98 0.19 0.00	52.24 0.35 0.00	67.51 0.43 0.00	70.42 1.43 0.00	80.26 2.05 0.00	77.35 2.52 0.00	56.69 1.71 0.00	62.97 2.11 -0.06	60.57 2.02 0.00	90.14 1.54 0.00	81.77 1.12 0.00	58.86 0.42 0.00	63.74 0.66 0.00	64.25 0.77 0.00	58.26 0.49 0.00	54.73 0.49 -0.20	81.31 1.30 0.00	109.48 3.14 0.00	99.97 3.53 0.00	92.66 3.72 0.00	80.42 2.97 0.00	70.34 2.67 -0.14	57.16 2.28 0.00	69.55 2.76 0.00
CAITHNESS_CC_1 323624	54.26 3.47 0.00	55.22 3.33 0.00	71.10 4.02 0.00	72.91 3.92 0.00	82.61 4.39 0.00	94.66 4.80 -15.03	111.65 4.34 -52.33	71.49 5.33 -5.37	63.12 4.56 0.00	94.30 5.70 0.00	85.83 5.19 0.00	62.38 3.94 0.00	67.30 4.22 0.00	67.80 4.32 0.00	62.04 4.27 0.00	63.20 4.20 -4.96	86.10 6.09 0.00	115.51 9.17 0.00	104.62 8.18 0.00	96.20 7.26 0.00	83.73 6.29 0.00	76.62 5.52 -3.58	59.51 4.64 0.00	72.33 5.55 0.00
CALPINE BETH_PAGE_GT4 24209	53.70 2.91 0.00	54.59 2.71 0.00	70.31 3.23 0.00	72.10 3.12 0.00	81.65 3.44 0.00	93.80 3.95 -15.03	110.85 3.55 -52.33	70.60 4.44 -5.37	62.43 3.87 0.00	93.82 5.22 0.00	85.80 5.16 0.00	62.28 3.84 0.00	66.98 3.90 0.00	67.41 3.93 0.00	61.78 4.01 0.00	63.05 4.06 -4.96	85.79 5.78 0.00	114.59 8.25 0.00	104.02 7.57 0.00	95.62 6.69 0.00	83.22 5.77 0.00	76.01 4.91 -3.58	58.90 4.03 0.00	71.41 4.63 0.00
CALPINE_BETH_PAGE_GT_4 323586	53.70 2.91 0.00	54.59 2.71 0.00	70.31 3.23 0.00	72.10 3.12 0.00	81.64 3.43 0.00	93.79 3.94 -15.03	110.86 3.55 -52.33	70.60 4.43 -5.37	62.43 3.87 0.00	93.82 5.22 0.00	85.82 5.17 0.00	62.28 3.84 0.00	66.98 3.90 0.00	67.41 3.93 0.00	61.78 4.01 0.00	63.05 4.06 -4.96	85.79 5.78 0.00	114.59 8.25 0.00	104.02 7.58 0.00	95.62 6.69 0.00	83.22 5.77 0.00	76.00 4.90 -3.58	58.90 4.03 0.00	71.41 4.63 0.00
CALPINE_BP_GT1 23823	53.70 2.91 0.00	54.59 2.71 0.00	70.31 3.23 0.00	72.10 3.12 0.00	81.64 3.43 0.00	93.79 3.94 -15.03	110.86 3.55 -52.33	70.60 4.43 -5.37	62.43 3.87 0.00	93.82 5.22 0.00	85.82 5.17 0.00	62.28 3.84 0.00	66.98 3.90 0.00	67.41 3.93 0.00	61.78 4.01 0.00	63.05 4.06 -4.96	85.79 5.78 0.00	114.59 8.25 0.00	104.02 7.58 0.00	95.62 6.69 0.00	83.22 5.77 0.00	76.00 4.90 -3.58	58.90 4.03 0.00	71.41 4.63 0.00
CALSPAN___DRP 24200	47.16 -3.63 0.00	47.84 -4.04 0.00	61.31 -5.77 0.00	63.21 -5.78 0.00	71.94 -6.28 0.00	69.29 -5.54 0.00	51.51 -3.47 0.00	56.66 -4.43 -0.30	54.91 -3.65 0.00	82.48 -6.12 0.00	75.97 -4.67 0.00	51.89 -3.71 2.84	59.56 -3.53 0.00	59.68 -3.80 0.00	54.56 -3.21 0.00	52.96 -2.00 -0.92	76.00 -4.01 0.00	100.99 -5.34 0.00	92.08 -4.36 0.00	84.09 -4.85 0.00	72.92 -4.53 0.00	64.63 -3.56 -0.67	52.33 -2.54 0.00	64.06 -2.72 0.00

CALVERTON___SOLAR 323806	54.46 3.67 0.00	55.40 3.52 0.00	71.35 4.27 0.00	73.16 4.18 0.00	82.91 4.70 0.00	94.97 5.12 -15.03	111.93 4.63 -52.33	71.80 5.64 -5.37	63.36 4.81 0.00	94.53 5.93 0.00	85.89 5.25 0.00	62.41 3.97 0.00	67.37 4.29 0.00	67.89 4.41 0.00	62.15 4.38 0.00	63.23 4.23 -4.96	86.19 6.19 0.00	115.81 9.47 0.00	104.78 8.34 0.00	96.36 7.42 0.00	83.86 6.41 0.00	76.80 5.69 -3.58	59.71 4.83 0.00	72.66 5.88 0.00
CANDIGU_WT_PWR 323617	47.22 -3.57 0.00	47.76 -4.13 0.00	61.10 -5.98 0.00	63.02 -5.97 0.00	71.58 -6.63 0.00	68.67 -6.16 0.00	53.98 -3.78 -2.78	58.17 -4.01 -1.38	54.99 -3.56 0.00	81.78 -6.82 0.00	74.26 -6.39 0.00	48.22 -4.92 5.30	58.34 -4.74 0.00	59.00 -4.49 0.00	53.96 -3.81 0.00	52.62 -2.60 -1.18	76.17 -3.83 0.00	103.05 -3.29 0.00	94.37 -2.07 0.00	86.55 -2.38 0.00	75.19 -2.26 0.00	66.69 -1.69 -0.85	53.57 -1.31 0.00	64.87 -1.91 0.00
CARR STREET_E_SYR 24060	49.00 -1.79 0.00	49.97 -1.91 0.00	64.48 -2.60 0.00	66.37 -2.61 0.00	75.27 -2.95 0.00	72.25 -2.58 0.00	53.50 -1.47 0.00	59.45 -1.53 -0.18	57.22 -1.34 0.00	86.12 -2.47 0.00	78.52 -2.13 0.00	56.72 -1.72 0.00	61.24 -1.84 0.00	61.56 -1.92 0.00	56.17 -1.60 0.00	53.49 -1.10 -0.56	78.31 -1.70 0.00	104.35 -1.99 0.00	94.88 -1.56 0.00	87.26 -1.68 0.00	75.83 -1.62 0.00	66.50 -1.42 -0.40	53.71 -1.16 0.00	65.28 -1.50 0.00
CARTHAGE___PAPER 23857	50.74 -0.06 0.00	52.02 0.14 0.00	67.26 0.18 0.00	70.64 1.65 0.00	80.92 2.71 0.00	78.06 3.23 0.00	56.91 1.93 0.00	63.63 2.74 -0.09	61.07 2.51 0.00	90.04 1.44 0.00	81.44 0.80 0.00	58.30 -0.14 0.00	63.46 0.37 0.00	64.35 0.86 0.00	57.60 -0.17 0.00	53.91 -0.42 -0.29	80.61 0.60 0.00	109.45 3.11 0.00	100.55 4.11 0.00	93.64 4.70 0.00	81.16 3.72 0.00	71.07 3.33 -0.21	57.83 2.95 0.00	70.50 3.72 0.00
CASSADAGA_WT_PWR 323784	46.40 -4.39 0.00	47.31 -4.57 0.00	60.52 -6.57 0.00	62.66 -6.32 0.00	71.24 -6.98 0.00	68.97 -5.86 0.00	51.96 -3.02 0.00	57.87 -3.24 -0.31	56.16 -2.40 0.00	84.45 -4.14 0.00	77.48 -3.16 0.00	52.63 -2.82 2.99	60.31 -2.77 0.00	60.38 -3.11 0.00	55.37 -2.40 0.00	54.00 -1.01 -0.97	77.89 -2.11 0.00	103.99 -2.35 0.00	94.90 -1.55 0.00	86.83 -2.11 0.00	75.05 -2.40 0.00	66.19 -2.03 -0.70	53.02 -1.85 0.00	64.20 -2.59 0.00
CE_DUNWOOD___DRP 24194	53.02 2.23 0.00	53.93 2.05 0.00	69.52 2.44 0.00	71.32 2.34 0.00	80.66 2.44 0.00	77.74 2.92 0.00	66.62 2.74 -8.90	68.93 3.54 -4.59	61.87 3.31 0.00	93.46 4.86 0.00	85.36 4.71 0.00	61.89 3.45 0.00	66.55 3.46 0.00	66.95 3.47 0.00	61.29 3.52 0.00	62.62 3.64 -4.95	84.91 4.90 0.00	113.33 7.00 0.00	102.90 6.46 0.00	94.68 5.74 0.00	82.44 5.00 0.00	75.31 4.21 -3.57	58.31 3.44 0.00	70.72 3.94 0.00
CE_MILLWOOD___DRP 24193	52.91 2.12 0.00	53.83 1.94 0.00	69.40 2.32 0.00	71.20 2.21 0.00	80.51 2.30 0.00	77.59 2.76 0.00	66.46 2.61 -8.88	68.76 3.39 -4.57	61.72 3.16 0.00	93.24 4.64 0.00	85.13 4.48 0.00	61.71 3.27 0.00	66.36 3.27 0.00	66.77 3.29 0.00	61.11 3.34 0.00	62.45 3.48 -4.94	84.68 4.68 0.00	113.05 6.72 0.00	102.63 6.19 0.00	94.46 5.52 0.00	82.22 4.78 0.00	75.17 4.08 -3.56	58.16 3.28 0.00	70.56 3.78 0.00
CE_NYC2_DRP 24202	53.30 2.51 0.00	54.16 2.27 0.00	69.73 2.65 0.00	71.53 2.55 0.00	80.83 2.62 0.00	78.01 3.18 0.00	67.90 2.97 -9.96	69.33 3.93 -4.60	62.36 3.80 0.00	94.20 5.60 0.00	86.07 5.42 0.00	62.52 4.07 0.00	67.18 4.10 0.00	67.56 4.07 0.00	61.88 4.10 0.00	63.16 4.16 -4.96	85.45 5.44 0.00	115.87 7.80 -1.73	103.62 7.18 0.00	95.29 6.35 0.00	82.94 5.49 0.00	75.76 4.65 -3.58	58.71 3.83 0.00	71.15 4.37 0.00
CE_NYC_DRP 24195	53.12 2.33 0.00	54.00 2.11 0.00	69.54 2.47 0.00	71.33 2.35 0.00	80.61 2.40 0.00	77.83 3.00 0.00	66.72 2.82 -8.93	69.12 3.72 -4.60	62.13 3.57 0.00	93.92 5.32 0.00	85.80 5.15 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.37 3.89 0.00	61.74 3.97 0.00	63.05 4.05 -4.96	85.30 5.29 0.00	113.85 7.52 0.00	103.31 6.87 0.00	95.01 6.08 0.00	82.70 5.26 0.00	75.58 4.47 -3.58	58.54 3.66 0.00	70.89 4.11 0.00
CHAFFEE___LFGE 323603	47.66 -3.13 0.00	48.38 -3.50 0.00	62.02 -5.06 0.00	63.92 -5.07 0.00	72.76 -5.45 0.00	70.09 -4.73 0.00	52.09 -2.88 0.00	57.36 -3.74 -0.31	55.58 -2.97 0.00	83.47 -5.13 0.00	76.81 -3.83 0.00	52.39 -3.12 2.93	60.21 -2.88 0.00	60.29 -3.20 0.00	55.13 -2.64 0.00	53.47 -1.52 -0.95	76.72 -3.29 0.00	101.97 -4.36 0.00	92.97 -3.47 0.00	84.92 -4.02 0.00	73.65 -3.80 0.00	65.27 -2.95 -0.69	52.78 -2.10 0.00	64.54 -2.24 0.00
CHATEAUG_35_KV_LOAD 355732	50.13 -0.66 0.00	51.24 -0.65 0.00	66.42 -0.66 0.00	68.38 -0.61 0.00	78.12 -0.09 0.00	74.36 -0.46 0.00	53.79 -1.19 0.00	59.39 -1.41 0.00	57.29 -1.27 0.00	87.58 -1.02 0.00	78.94 -1.70 0.00	56.60 -1.84 0.00	61.02 -2.06 0.00	65.01 -2.09 -3.61	62.04 -2.35 -6.61	51.35 -2.69 0.00	77.21 -2.80 0.00	103.00 -3.33 0.00	94.14 -2.30 0.00	87.41 -1.52 0.00	76.55 -0.90 0.00	67.00 -0.53 0.00	54.39 -0.49 0.00	66.59 -0.19 0.00
CHATEAUG_WT_PWR 323614	49.93 -0.86 0.00	51.05 -0.83 0.00	66.14 -0.94 0.00	68.11 -0.88 0.00	77.85 -0.36 0.00	74.14 -0.69 0.00	53.60 -1.38 0.00	59.17 -1.63 0.00	57.14 -1.41 0.00	87.42 -1.18 0.00	79.02 -1.63 0.00	56.63 -1.81 0.00	60.99 -2.10 34.63	26.77 -2.09 63.46	-8.02 -2.33 0.00	51.42 -2.61 0.00	77.17 -2.84 0.00	102.77 -3.57 0.00	93.92 -2.52 0.00	87.20 -1.74 0.00	76.36 -1.09 0.00	66.79 -0.74 0.00	54.26 -0.61 0.00	66.49 -0.29 0.00
CHAT_HIGH_FALL_HYD 323578	50.13 -0.66 0.00	51.24 -0.65 0.00	66.42 -0.66 0.00	68.38 -0.61 0.00	78.12 -0.09 0.00	74.36 -0.46 0.00	53.79 -1.19 0.00	59.39 -1.41 0.00	57.29 -1.27 0.00	87.58 -1.02 0.00	78.94 -1.70 0.00	56.60 -1.84 0.00	61.02 -2.06 0.00	65.01 -2.09 -3.61	62.04 -2.35 -6.61	51.35 -2.69 0.00	77.21 -2.80 0.00	103.00 -3.33 0.00	94.14 -2.30 0.00	87.41 -1.52 0.00	76.55 -0.90 0.00	67.00 -0.53 0.00	54.39 -0.49 0.00	66.59 -0.19 0.00
CHAUTAUQUA___LFGE 323629	46.71 -4.08 0.00	47.52 -4.37 0.00	60.82 -6.26 0.00	62.84 -6.15 0.00	71.42 -6.79 0.00	68.94 -5.89 0.00	51.62 -3.35 0.00	57.25 -3.85 -0.31	55.45 -3.10 0.00	83.33 -5.27 0.00	76.51 -4.14 0.00	52.01 -3.48 2.94	59.75 -3.33 0.00	59.84 -3.65 0.00	54.76 -3.01 0.00	53.23 -1.76 -0.95	76.72 -3.28 0.00	102.43 -3.91 0.00	93.42 -3.02 0.00	85.50 -3.44 0.00	74.02 -3.43 0.00	65.43 -2.78 -0.69	52.55 -2.32 0.00	63.93 -2.85 0.00
CHERRYST_13_KV_LD 356241	53.26 2.47 0.00	54.13 2.24 0.00	69.70 2.62 0.00	71.49 2.50 0.00	80.82 2.61 0.00	78.03 3.20 0.00	66.89 2.99 -8.93	69.32 3.92 -4.60	62.32 3.76 0.00	94.22 5.62 0.00	86.09 5.45 0.00	62.52 4.08 0.00	67.19 4.11 0.00	67.61 4.13 0.00	61.95 4.18 0.00	63.25 4.25 -4.96	85.56 5.56 0.00	114.24 7.90 0.00	103.65 7.21 0.00	95.31 6.37 0.00	82.95 5.50 0.00	75.78 4.67 -3.58	58.70 3.82 0.00	71.08 4.30 0.00

CHESTROR_138KV_BK263 355645	52.50 1.71 0.00	53.44 1.55 0.00	68.95 1.87 0.00	70.75 1.76 0.00	80.02 1.81 0.00	77.06 2.23 0.00	65.39 2.16 -8.26	67.89 2.83 -4.26	61.15 2.59 0.00	92.30 3.70 0.00	84.16 3.52 0.00	60.95 2.51 0.00	65.57 2.49 0.00	65.97 2.49 0.00	60.35 2.58 0.00	61.42 2.77 -4.61	83.82 3.81 0.00	111.94 5.61 0.00	101.66 5.21 0.00	93.59 4.65 0.00	81.50 4.06 0.00	74.26 3.40 -3.33	57.64 2.76 0.00	69.94 3.16 0.00
CH_MIDHUDSON___DRP 24192	53.19 2.40 0.00	54.16 2.27 0.00	69.87 2.79 0.00	71.71 2.72 0.00	81.11 2.90 0.00	78.11 3.28 0.00	67.41 2.98 -9.45	69.35 3.76 -4.79	62.04 3.49 0.00	93.64 5.04 0.00	85.48 4.83 0.00	61.95 3.51 0.00	66.61 3.52 0.00	67.00 3.52 0.00	61.29 3.52 0.00	62.74 3.66 -5.05	85.08 5.07 0.00	113.61 7.27 0.00	103.20 6.76 0.00	94.99 6.06 0.00	82.67 5.22 0.00	75.60 4.43 -3.64	58.46 3.58 0.00	70.91 4.12 0.00
CH_MISC_IPPS 23765	53.40 2.61 0.00	54.37 2.48 0.00	70.12 3.04 0.00	71.97 2.98 0.00	81.43 3.22 0.00	78.45 3.62 0.00	67.47 3.25 -9.24	69.56 4.07 -4.69	62.32 3.76 0.00	94.05 5.45 0.00	85.82 5.17 0.00	62.18 3.74 0.00	66.83 3.74 0.00	67.23 3.74 0.00	61.49 3.72 0.00	62.88 3.88 -4.96	85.49 5.49 0.00	114.24 7.91 0.00	103.77 7.33 0.00	95.50 6.56 0.00	83.12 5.67 0.00	75.90 4.80 -3.58	58.75 3.87 0.00	71.23 4.45 0.00
CH_RES_BVR_FALLS 23983	50.27 -0.52 0.00	51.54 -0.35 0.00	66.72 -0.36 0.00	68.91 -0.07 0.00	78.49 0.27 0.00	74.94 0.11 0.00	54.49 -0.49 0.00	60.04 -0.75 0.00	57.85 -0.71 0.00	87.52 -1.08 0.00	79.23 -1.41 0.00	57.28 -1.16 0.00	61.89 -1.19 0.00	62.33 -1.15 0.00	56.59 -1.18 0.00	52.58 -1.45 0.00	78.27 -1.73 0.00	104.22 -2.12 0.00	94.46 -1.98 0.00	87.34 -1.60 0.00	76.19 -1.25 0.00	66.60 -0.93 0.00	54.19 -0.69 0.00	66.14 -0.65 0.00
CH_RES_NIAGARA 23895	45.56 -5.23 0.00	46.43 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.72 0.00	69.77 -8.44 0.00	67.17 -7.66 0.00	49.71 -5.26 0.00	54.34 -6.74 -0.28	52.79 -5.76 0.00	79.61 -8.99 0.00	73.48 -7.16 0.00	50.47 -5.51 2.47	57.66 -5.42 0.00	57.77 -5.71 0.00	52.77 -5.00 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.06 -10.27 0.00	87.44 -9.00 0.00	79.82 -9.12 0.00	69.26 -8.19 0.00	61.47 -6.68 -0.62	49.99 -4.89 0.00	61.46 -5.33 0.00
CH_RES_SYRACUSE 23985	49.52 -1.27 0.00	50.50 -1.39 0.00	65.15 -1.93 0.00	67.06 -1.93 0.00	76.06 -2.15 0.00	73.00 -1.83 0.00	54.06 -0.92 0.00	60.28 -0.71 -0.20	58.01 -0.55 0.00	87.26 -1.34 0.00	79.48 -1.16 0.00	57.37 -1.07 0.00	61.94 -1.15 0.00	62.25 -1.23 0.00	56.81 -0.95 0.00	54.17 -0.48 -0.61	79.29 -0.72 0.00	105.74 -0.59 0.00	96.18 -0.26 0.00	88.52 -0.42 0.00	76.93 -0.52 0.00	67.46 -0.51 -0.44	54.48 -0.40 0.00	66.19 -0.59 0.00
CLINTON_WT_PWR 323605	49.93 -0.86 0.00	51.05 -0.83 0.00	66.14 -0.94 0.00	68.11 -0.88 0.00	77.85 -0.36 0.00	74.14 -0.69 0.00	53.60 -1.38 0.00	59.17 -1.63 0.00	57.14 -1.41 0.00	87.42 -1.18 0.00	79.02 -1.63 0.00	56.63 -1.81 0.00	60.99 -2.10 0.00	26.77 -2.09 34.63	-8.02 -2.33 63.46	51.42 -2.61 0.00	77.17 -2.84 0.00	102.77 -3.57 0.00	93.92 -2.52 0.00	87.20 -1.74 0.00	76.36 -1.09 0.00	66.79 -0.74 0.00	54.26 -0.61 0.00	66.49 -0.29 0.00
CLINTON___LFGE 323618	50.81 0.02 0.00	51.97 0.08 0.00	67.33 0.25 0.00	69.31 0.33 0.00	79.14 0.93 0.00	75.38 0.55 0.00	54.58 -0.40 0.00	60.24 -0.56 0.00	58.11 -0.44 0.00	88.71 0.11 0.00	80.19 -0.46 0.00	57.33 -1.11 0.00	61.77 -1.31 0.00	87.89 -1.38 -25.78	103.33 -1.70 -47.25	52.13 -1.91 0.00	78.38 -1.62 0.00	104.61 -1.73 0.00	95.72 -0.72 0.00	88.81 -0.13 0.00	77.61 0.16 0.00	67.91 0.38 0.00	55.14 0.27 0.00	67.72 0.94 0.00
COBBLENY_34_KV_TB1 80064	47.67 -3.12 0.00	48.39 -3.50 0.00	62.02 -5.06 0.00	63.92 -5.07 0.00	72.76 -5.46 0.00	70.08 -4.74 0.00	52.08 -2.90 0.00	57.35 -3.75 -0.31	55.57 -2.98 0.00	83.46 -5.14 0.00	76.83 -3.81 0.00	52.41 -3.11 2.93	60.19 -2.89 0.00	60.29 -3.19 0.00	55.13 -2.64 0.00	53.48 -1.50 -0.95	76.72 -3.29 0.00	101.98 -4.35 0.00	92.96 -3.48 0.00	84.92 -4.02 0.00	73.64 -3.81 0.00	65.26 -2.95 -0.69	52.78 -2.10 0.00	64.54 -2.23 0.00
COFFEEN___115KV_TB3 355620	50.77 -0.02 0.00	51.97 0.09 0.00	67.20 0.12 0.00	70.54 1.55 0.00	80.79 2.58 0.00	77.99 3.17 0.00	57.05 2.07 0.00	64.15 3.24 -0.11	61.53 2.97 0.00	90.29 1.69 0.00	81.78 1.13 0.00	58.33 -0.11 0.00	63.58 0.50 0.00	64.50 1.02 0.00	57.50 -0.27 0.00	54.12 -0.25 -0.34	80.97 0.96 0.00	110.56 4.23 0.00	101.86 5.42 0.00	94.83 5.90 0.00	82.02 4.58 0.00	71.74 3.97 -0.24	58.33 3.45 0.00	71.01 4.23 0.00
COLDSPRG_115KV_BK1 355956	48.54 -2.26 0.00	49.33 -2.56 0.00	63.24 -3.84 0.00	65.30 -3.69 0.00	74.23 -3.99 0.00	71.48 -3.35 0.00	55.17 -1.43 -1.63	59.51 -1.61 -0.32	57.56 -0.99 0.00	86.58 -2.02 0.00	79.35 -1.29 0.00	54.02 -1.35 3.07	62.05 -1.04 0.00	62.15 -1.34 0.00	56.76 -1.01 0.00	54.90 -0.14 -1.00	78.68 -1.33 0.00	104.73 -1.60 0.00	95.59 -0.85 0.00	87.43 -1.51 0.00	75.73 -1.71 0.00	67.00 -1.25 -0.72	54.02 -0.85 0.00	65.66 -1.12 0.00
COLONIE_LFGE___ 323577	53.30 2.52 0.00	54.42 2.53 0.00	70.46 3.38 0.00	72.38 3.39 0.00	81.87 3.65 0.00	78.45 3.62 0.00	139.50 3.08 -81.43	96.40 3.66 -31.94	61.95 3.40 0.00	93.44 4.84 0.00	85.15 4.51 0.00	61.75 3.31 0.00	66.44 3.35 0.00	66.75 3.27 0.00	60.95 3.18 0.00	63.56 3.39 -6.14	84.88 4.88 0.00	112.75 6.41 0.00	102.42 5.97 0.00	94.33 5.40 0.00	82.13 4.69 0.00	76.02 4.06 -4.43	58.16 3.29 0.00	70.61 3.83 0.00
COOPERNY_115KV_TB1 80082	51.94 1.15 0.00	52.93 1.05 0.00	68.34 1.26 0.00	70.16 1.18 0.00	79.39 1.18 0.00	76.33 1.50 0.00	63.37 1.53 -6.87	66.35 2.02 -3.53	60.42 1.86 0.00	91.20 2.60 0.00	83.13 2.48 0.00	60.20 1.76 0.00	64.81 1.72 0.00	65.21 1.73 0.00	59.58 1.81 0.00	59.80 2.00 -3.76	82.75 2.75 0.00	110.42 4.08 0.00	100.27 3.82 0.00	92.35 3.41 0.00	80.41 2.97 0.00	72.72 2.48 -2.72	56.89 2.02 0.00	69.07 2.29 0.00
COPENHAGEN_WT_PWR 323753	49.53 -1.26 0.00	50.76 -1.12 0.00	65.72 -1.36 0.00	69.26 0.28 0.00	79.51 1.29 0.00	76.61 1.79 0.00	55.82 0.84 0.00	62.83 1.92 -0.11	60.34 1.78 0.00	88.32 -0.28 0.00	80.08 -0.56 0.00	57.13 -1.31 0.00	58.62 -4.46 0.00	56.51 -6.98 0.00	52.95 -4.82 0.00	53.12 -1.26 -0.35	79.29 -0.72 0.00	108.10 1.76 0.00	99.77 3.33 0.00	93.15 4.22 0.00	80.46 3.01 0.00	70.45 2.67 -0.25	57.40 2.53 0.00	70.04 3.26 0.00
CORNELL_____ 23752	50.66 -0.13 0.00	51.61 -0.27 0.00	66.56 -0.52 0.00	68.52 -0.46 0.00	77.63 -0.58 0.00	74.67 -0.16 0.00	58.55 0.50 -3.07	62.97 0.69 -1.49	59.27 0.72 0.00	88.89 0.29 0.00	80.71 0.06 0.00	71.45 -0.42 -13.44	62.61 -0.47 0.00	62.88 -0.60 0.00	57.38 -0.39 0.00	55.18 -0.04 -1.19	80.44 0.43 0.00	108.25 1.91 0.00	98.89 2.45 0.00	90.96 2.03 0.00	79.14 1.69 0.00	69.82 1.43 -0.86	56.01 1.14 0.00	67.99 1.20 0.00

CORONA V_69 KV_TB1 355595	53.94 3.15 0.00	54.84 2.96 0.00	70.63 3.55 0.00	72.42 3.44 0.00	81.99 3.77 0.00	94.12 4.27 -15.03	111.06 3.76 -52.33	70.79 4.63 -5.37	62.69 4.13 0.00	94.36 5.76 0.00	86.41 5.76 0.00	62.72 4.28 0.00	67.44 4.36 0.00	67.80 4.32 0.00	62.18 4.41 0.00	63.40 4.40 -4.96	86.19 6.18 0.00	115.04 8.71 0.00	104.47 8.03 0.00	96.16 7.22 0.00	83.66 6.21 0.00	76.39 5.29 -3.58	59.24 4.37 0.00	71.80 5.02 0.00
CORTLAND_115KV_TB3 80093	50.38 -0.41 0.00	51.37 -0.52 0.00	66.30 -0.78 0.00	68.24 -0.74 0.00	77.34 -0.88 0.00	74.30 -0.53 0.00	56.75 0.13 -1.64	61.41 0.29 -0.32	58.90 0.34 0.00	88.52 -0.08 0.00	80.55 -0.10 0.00	61.69 -0.34 -3.59	62.68 -0.41 0.00	62.97 -0.51 0.00	57.50 -0.27 0.00	55.09 0.08 -0.98	80.19 0.18 0.00	107.41 1.07 0.00	97.85 1.41 0.00	90.01 1.07 0.00	78.25 0.80 0.00	68.93 0.70 -0.71	55.41 0.54 0.00	67.27 0.49 0.00
COXSACKIE__GT 23611	55.23 4.44 0.00	56.42 4.53 0.00	73.20 6.13 0.00	75.27 6.29 0.00	85.15 6.93 0.00	81.46 6.63 0.00	94.37 5.22 -34.17	79.48 6.11 -12.57	64.44 5.88 0.00	96.99 8.39 0.00	88.35 7.70 0.00	63.78 5.34 0.00	68.26 5.18 0.00	68.53 5.05 0.00	62.67 4.90 0.00	64.68 4.87 -5.77	87.72 7.71 0.00	116.92 10.58 0.00	106.20 9.76 0.00	97.51 8.57 0.00	84.64 7.19 0.00	77.89 6.19 -4.17	59.79 4.92 0.00	72.78 5.99 0.00
CPV_VALLEY__CC1 323721	52.08 1.28 0.00	53.02 1.13 0.00	68.41 1.33 0.00	70.22 1.24 0.00	79.44 1.22 0.00	76.44 1.62 0.00	64.32 1.66 -7.68	67.02 2.24 -3.97	60.63 2.07 0.00	91.54 2.94 0.00	83.51 2.86 0.00	60.48 2.04 0.00	65.07 1.99 0.00	65.48 2.00 0.00	59.88 2.11 0.00	60.65 2.31 -4.31	83.09 3.09 0.00	110.90 4.57 0.00	100.71 4.26 0.00	92.71 3.77 0.00	80.74 3.30 0.00	73.38 2.75 -3.11	57.13 2.25 0.00	69.31 2.53 0.00
CPV_VALLEY__CC2 323722	52.08 1.28 0.00	53.02 1.13 0.00	68.41 1.33 0.00	70.22 1.24 0.00	79.44 1.22 0.00	76.44 1.62 0.00	64.32 1.66 -7.68	67.02 2.24 -3.97	60.63 2.07 0.00	91.54 2.94 0.00	83.51 2.86 0.00	60.48 2.04 0.00	65.07 1.99 0.00	65.48 2.00 0.00	59.88 2.11 0.00	60.65 2.31 -4.31	83.09 3.09 0.00	110.90 4.57 0.00	100.71 4.26 0.00	92.71 3.77 0.00	80.74 3.30 0.00	73.38 2.75 -3.11	57.13 2.25 0.00	69.31 2.53 0.00
CRESCENT__HYD 24018	53.30 2.52 0.00	54.42 2.53 0.00	70.46 3.38 0.00	72.38 3.39 0.00	81.87 3.65 0.00	78.45 3.62 0.00	139.50 3.08 -81.43	96.40 3.66 -31.94	61.95 3.40 0.00	93.44 4.84 0.00	85.15 4.51 0.00	61.75 3.31 0.00	66.44 3.35 0.00	66.75 3.27 0.00	60.95 3.18 0.00	63.56 3.39 -6.14	84.88 4.88 0.00	112.75 6.41 0.00	102.42 5.97 0.00	94.33 5.40 0.00	82.13 4.69 0.00	76.02 4.06 -4.43	58.16 3.29 0.00	70.61 3.83 0.00
CRICKET__VALLEY_CC1 323756	52.87 2.08 0.00	53.85 1.97 0.00	69.51 2.43 0.00	71.36 2.38 0.00	80.71 2.50 0.00	77.66 2.83 0.00	68.50 2.63 -10.90	69.53 3.35 -5.39	61.68 3.12 0.00	93.05 4.45 0.00	85.06 4.42 0.00	61.64 3.20 0.00	66.31 3.23 0.00	66.72 3.24 0.00	61.03 3.26 0.00	62.56 3.31 -5.21	84.47 4.47 0.00	112.78 6.44 0.00	102.40 5.96 0.00	94.26 5.32 0.00	82.04 4.59 0.00	75.19 3.89 -3.76	58.05 3.17 0.00	70.47 3.69 0.00
CRICKET__VALLEY_CC2 323757	52.87 2.08 0.00	53.85 1.97 0.00	69.51 2.43 0.00	71.36 2.38 0.00	80.71 2.50 0.00	77.66 2.83 0.00	68.50 2.63 -10.90	69.53 3.35 -5.39	61.68 3.12 0.00	93.05 4.45 0.00	85.06 4.42 0.00	61.64 3.20 0.00	66.31 3.23 0.00	66.72 3.24 0.00	61.03 3.26 0.00	62.56 3.31 -5.21	84.47 4.47 0.00	112.78 6.44 0.00	102.40 5.96 0.00	94.26 5.32 0.00	82.04 4.59 0.00	75.19 3.89 -3.76	58.05 3.17 0.00	70.47 3.69 0.00
CRICKET__VALLEY_CC3 323758	52.87 2.08 0.00	53.85 1.97 0.00	69.51 2.43 0.00	71.36 2.38 0.00	80.71 2.50 0.00	77.66 2.83 0.00	68.50 2.63 -10.90	69.53 3.35 -5.39	61.68 3.12 0.00	93.05 4.45 0.00	85.06 4.42 0.00	61.64 3.20 0.00	66.31 3.23 0.00	66.72 3.24 0.00	61.03 3.26 0.00	62.56 3.31 -5.21	84.47 4.47 0.00	112.78 6.44 0.00	102.40 5.96 0.00	94.26 5.32 0.00	82.04 4.59 0.00	75.19 3.89 -3.76	58.05 3.17 0.00	70.47 3.69 0.00
CRUCIBLE_METL_DRP 24180	49.52 -1.27 0.00	50.50 -1.38 0.00	65.15 -1.93 0.00	67.06 -1.93 0.00	76.06 -2.15 0.00	73.00 -1.83 0.00	54.06 -0.91 0.00	60.28 -0.71 -0.20	58.01 -0.55 0.00	87.26 -1.34 0.00	79.48 -1.16 0.00	57.37 -1.07 0.00	61.94 -1.15 0.00	62.26 -1.23 0.00	56.81 -0.96 0.00	54.17 -0.48 -0.61	79.30 -0.71 0.00	105.74 -0.60 0.00	96.18 -0.26 0.00	88.52 -0.42 0.00	76.92 -0.52 0.00	67.46 -0.51 -0.44	54.48 -0.40 0.00	66.19 -0.59 0.00
DAHOWA__HYDRO 323763	54.59 3.80 0.00	55.71 3.82 0.00	72.15 5.07 0.00	74.15 5.16 0.00	83.87 5.66 0.00	80.57 5.74 0.00	158.01 4.87 -98.16	106.38 5.68 -39.90	63.42 4.86 0.00	95.18 6.58 0.00	86.70 6.06 0.00	62.80 4.36 0.00	67.55 4.46 0.00	67.75 4.26 0.00	61.80 4.03 0.00	64.74 4.46 -6.25	86.91 6.91 0.00	116.01 9.68 0.00	105.52 9.08 0.00	97.19 8.25 0.00	84.55 7.11 0.00	78.17 6.13 -4.51	59.83 4.95 0.00	72.57 5.78 0.00
DANC__LFGE 323619	49.32 -1.47 0.00	50.45 -1.43 0.00	65.22 -1.86 0.00	68.12 -0.86 0.00	77.81 -0.40 0.00	74.88 0.06 0.00	54.87 -0.11 0.00	61.84 0.91 -0.13	59.48 0.92 0.00	87.93 -0.66 0.00	79.96 -0.69 0.00	57.29 -1.16 0.00	60.28 -2.81 0.00	59.36 -4.12 0.00	54.78 -2.99 0.00	53.55 -0.89 -0.41	79.35 -0.65 0.00	107.27 0.94 0.00	98.49 2.05 0.00	91.45 2.52 0.00	79.13 1.69 0.00	69.31 1.48 -0.30	56.37 1.49 0.00	68.65 1.87 0.00
DANSKAMMER__1 23586	53.40 2.61 0.00	54.37 2.48 0.00	70.12 3.04 0.00	71.97 2.98 0.00	81.43 3.22 0.00	78.45 3.62 0.00	67.47 3.25 -9.24	69.56 4.07 -4.69	62.32 3.76 0.00	94.05 5.45 0.00	85.82 5.17 0.00	62.18 3.74 0.00	66.83 3.74 0.00	67.23 3.74 0.00	61.49 3.72 0.00	62.88 3.88 -4.96	85.49 5.49 0.00	114.24 7.91 0.00	103.77 7.33 0.00	95.50 6.56 0.00	83.12 5.67 0.00	75.90 4.80 -3.58	58.75 3.87 0.00	71.23 4.45 0.00
DANSKAMMER__2 23589	53.40 2.61 0.00	54.37 2.48 0.00	70.12 3.04 0.00	71.97 2.98 0.00	81.43 3.22 0.00	78.45 3.62 0.00	67.47 3.25 -9.24	69.56 4.07 -4.69	62.32 3.76 0.00	94.05 5.45 0.00	85.82 5.17 0.00	62.18 3.74 0.00	66.83 3.74 0.00	67.23 3.74 0.00	61.49 3.72 0.00	62.88 3.88 -4.96	85.49 5.49 0.00	114.24 7.91 0.00	103.77 7.33 0.00	95.50 6.56 0.00	83.12 5.67 0.00	75.90 4.80 -3.58	58.75 3.87 0.00	71.23 4.45 0.00
DANSKAMMER__3 23590	53.40 2.61 0.00	54.37 2.48 0.00	70.12 3.04 0.00	71.97 2.98 0.00	81.43 3.22 0.00	78.45 3.62 0.00	67.47 3.25 -9.24	69.56 4.07 -4.69	62.32 3.76 0.00	94.05 5.45 0.00	85.82 5.17 0.00	62.18 3.74 0.00	66.83 3.74 0.00	67.23 3.74 0.00	61.49 3.72 0.00	62.88 3.88 -4.96	85.49 5.49 0.00	114.24 7.91 0.00	103.77 7.33 0.00	95.50 6.56 0.00	83.12 5.67 0.00	75.90 4.80 -3.58	58.75 3.87 0.00	71.23 4.45 0.00

DANSKAMMER___4 23591	53.40 2.61 0.00	54.37 2.48 0.00	70.12 3.04 0.00	71.97 2.98 0.00	81.43 3.22 0.00	78.45 3.62 0.00	67.47 3.25 -9.24	69.56 4.07 -4.69	62.32 3.76 0.00	94.05 5.45 0.00	85.82 5.17 0.00	62.18 3.74 0.00	66.83 3.74 0.00	67.23 3.74 0.00	61.49 3.72 0.00	62.88 3.88 -4.96	85.49 5.49 0.00	114.24 7.91 0.00	103.77 7.33 0.00	95.50 6.56 0.00	83.12 5.67 0.00	75.90 4.80 -3.58	58.75 3.87 0.00	71.23 4.45 0.00
DANSKAMMER___DIESEL 23592	53.40 2.61 0.00	54.37 2.48 0.00	70.12 3.04 0.00	71.97 2.98 0.00	81.43 3.22 0.00	78.45 3.62 0.00	67.47 3.25 -9.24	69.56 4.07 -4.69	62.32 3.76 0.00	94.05 5.45 0.00	85.80 5.16 0.00	62.17 3.73 0.00	66.83 3.75 0.00	67.23 3.75 0.00	61.49 3.72 0.00	62.88 3.88 -4.96	85.49 5.49 0.00	114.24 7.91 0.00	103.78 7.34 0.00	95.50 6.57 0.00	83.12 5.67 0.00	75.90 4.80 -3.58	58.75 3.87 0.00	71.23 4.45 0.00
DARBY___SOLAR 323810	54.24 3.45 0.00	55.35 3.47 0.00	71.69 4.61 0.00	73.67 4.68 0.00	83.32 5.10 0.00	80.02 5.20 0.00	155.45 4.41 -96.07	104.83 5.15 -38.89	62.96 4.40 0.00	94.56 5.96 0.00	86.20 5.55 0.00	62.39 3.95 0.00	67.13 4.04 0.00	67.32 3.83 0.00	61.40 3.63 0.00	64.37 4.11 -6.23	86.34 6.33 0.00	115.18 8.84 0.00	104.72 8.28 0.00	96.45 7.51 0.00	83.92 6.48 0.00	77.63 5.61 -4.50	59.40 4.52 0.00	72.07 5.29 0.00
DASHVILLE___HYD 23610	53.09 2.30 0.00	54.07 2.18 0.00	69.78 2.70 0.00	71.63 2.65 0.00	81.08 2.87 0.00	78.00 3.18 0.00	72.04 2.75 -14.32	70.60 3.54 -6.27	61.91 3.35 0.00	93.43 4.83 0.00	85.18 4.54 0.00	61.74 3.30 0.00	66.40 3.31 0.00	66.78 3.30 0.00	61.02 3.25 0.00	62.53 3.40 -5.10	84.89 4.89 0.00	113.55 7.22 0.00	103.18 6.73 0.00	94.96 6.03 0.00	82.66 5.21 0.00	75.58 4.37 -3.68	58.42 3.55 0.00	70.84 4.05 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	54.40 3.60 0.00	55.33 3.44 0.00	71.27 4.19 0.00	73.10 4.11 0.00	82.91 4.70 0.00	95.05 5.20 -15.03	112.09 4.79 -52.33	72.05 5.89 -5.37	63.56 5.01 0.00	94.51 5.90 0.00	85.72 5.08 0.00	62.28 3.84 0.00	67.21 4.13 0.00	67.77 4.29 0.00	62.03 4.26 0.00	63.13 4.13 -4.96	86.19 6.19 0.00	116.06 9.72 0.00	105.10 8.66 0.00	96.57 7.63 0.00	84.13 6.68 0.00	77.18 6.07 -3.58	60.06 5.18 0.00	73.52 6.74 0.00
DELAWARE___LFGE 323621	51.87 1.08 0.00	52.99 1.10 0.00	68.49 1.41 0.00	70.38 1.39 0.00	79.61 1.40 0.00	76.42 1.59 0.00	70.50 1.58 -13.94	68.68 1.92 -5.96	60.45 1.90 0.00	91.20 2.60 0.00	83.09 2.44 0.00	60.13 1.68 0.00	64.80 1.72 0.00	65.20 1.71 0.00	59.50 1.73 0.00	58.14 1.92 -2.18	82.86 2.86 0.00	110.58 4.24 0.00	100.49 4.05 0.00	92.53 3.60 0.00	80.57 3.12 0.00	71.82 2.72 -1.57	57.06 2.19 0.00	69.32 2.54 0.00
DERFIELD_115KV_TB7 355931	51.11 0.32 0.00	52.22 0.33 0.00	67.55 0.47 0.00	69.46 0.48 0.00	78.68 0.47 0.00	75.36 0.53 0.00	55.52 0.55 0.00	61.46 0.66 0.00	59.14 0.59 0.00	89.30 0.70 0.00	81.34 0.70 0.00	58.95 0.51 0.00	63.58 0.50 0.00	63.94 0.46 0.00	58.30 0.52 0.00	54.63 0.59 0.00	80.81 0.81 0.00	107.59 1.26 0.00	97.60 1.16 0.00	90.00 1.07 0.00	78.33 0.88 0.00	68.33 0.80 0.00	55.53 0.65 0.00	67.50 0.71 0.00
DOGLEVILLE___HYD 23807	52.48 1.69 0.00	53.51 1.62 0.00	69.27 2.19 0.00	71.06 2.07 0.00	80.23 2.02 0.00	77.07 2.25 0.00	57.62 2.64 0.00	64.17 3.37 0.00	60.88 2.32 0.00	90.61 2.01 0.00	83.47 2.82 0.00	60.55 2.11 0.00	64.80 1.71 0.00	64.73 1.24 0.00	59.36 1.60 0.00	56.37 2.33 0.00	83.40 3.39 0.00	111.80 5.46 0.00	101.65 5.20 0.00	93.64 4.71 0.00	81.49 4.05 0.00	71.11 3.58 0.00	57.81 2.93 0.00	69.99 3.21 0.00
DUNKIRK___115KV_TB_200 55889	46.76 -4.03 0.00	47.56 -4.33 0.00	60.89 -6.19 0.00	62.89 -6.10 0.00	71.49 -6.73 0.00	68.96 -5.87 0.00	51.60 -3.38 0.00	57.20 -3.90 -0.31	55.39 -3.17 0.00	83.21 -5.39 0.00	76.41 -4.23 0.00	51.97 -3.53 2.94	59.70 -3.39 0.00	59.80 -3.69 0.00	54.72 -3.05 0.00	53.18 -1.81 -0.95	76.56 -3.44 0.00	102.19 -4.15 0.00	93.20 -3.25 0.00	85.26 -3.68 0.00	73.85 -3.60 0.00	65.30 -2.91 -0.69	52.50 -2.38 0.00	63.90 -2.89 0.00
DUNKIRK___1 23563	46.76 -4.03 0.00	47.56 -4.33 0.00	60.89 -6.19 0.00	62.89 -6.10 0.00	71.49 -6.73 0.00	68.96 -5.87 0.00	51.60 -3.38 0.00	57.20 -3.90 -0.31	55.39 -3.17 0.00	83.21 -5.39 0.00	76.41 -4.23 0.00	51.97 -3.53 2.94	59.70 -3.39 0.00	59.80 -3.69 0.00	54.72 -3.05 0.00	53.18 -1.81 -0.95	76.56 -3.44 0.00	102.19 -4.15 0.00	93.20 -3.25 0.00	85.26 -3.68 0.00	73.85 -3.60 0.00	65.30 -2.91 -0.69	52.50 -2.38 0.00	63.90 -2.89 0.00
DUNKIRK___2 23564	46.76 -4.03 0.00	47.56 -4.33 0.00	60.89 -6.19 0.00	62.89 -6.10 0.00	71.49 -6.73 0.00	68.96 -5.87 0.00	51.60 -3.38 0.00	57.20 -3.90 -0.31	55.39 -3.17 0.00	83.21 -5.39 0.00	76.41 -4.23 0.00	51.97 -3.53 2.94	59.70 -3.39 0.00	59.80 -3.69 0.00	54.72 -3.05 0.00	53.18 -1.81 -0.95	76.56 -3.44 0.00	102.19 -4.15 0.00	93.20 -3.25 0.00	85.26 -3.68 0.00	73.85 -3.60 0.00	65.30 -2.91 -0.69	52.50 -2.38 0.00	63.90 -2.89 0.00
DUNKIRK___3 23565	46.88 -3.91 0.00	47.64 -4.24 0.00	61.05 -6.03 0.00	62.98 -6.00 0.00	71.61 -6.60 0.00	69.01 -5.82 0.00	51.51 -3.47 0.00	57.00 -4.10 -0.30	55.18 -3.38 0.00	82.91 -5.69 0.00	76.18 -4.46 0.00	51.85 -3.66 2.94	59.59 -3.49 0.00	59.71 -3.78 0.00	54.62 -3.15 0.00	53.01 -1.97 -0.95	76.20 -3.80 0.00	101.57 -4.77 0.00	92.60 -3.84 0.00	84.71 -4.23 0.00	73.40 -4.04 0.00	64.97 -3.24 -0.68	52.36 -2.52 0.00	63.85 -2.94 0.00
DUNKIRK___4 23566	46.88 -3.91 0.00	47.64 -4.24 0.00	61.05 -6.03 0.00	62.98 -6.00 0.00	71.61 -6.60 0.00	69.01 -5.82 0.00	51.51 -3.47 0.00	57.00 -4.10 -0.30	55.18 -3.38 0.00	82.91 -5.69 0.00	76.18 -4.46 0.00	51.85 -3.66 2.94	59.59 -3.49 0.00	59.71 -3.78 0.00	54.62 -3.15 0.00	53.01 -1.97 -0.95	76.20 -3.80 0.00	101.57 -4.77 0.00	92.60 -3.84 0.00	84.71 -4.23 0.00	73.40 -4.04 0.00	64.97 -3.24 -0.68	52.36 -2.52 0.00	63.85 -2.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.11 2.32 0.00	54.01 2.12 0.00	69.62 2.54 0.00	71.41 2.42 0.00	80.74 2.53 0.00	77.85 3.03 0.00	66.73 2.83 -8.93	69.06 3.66 -4.60	61.99 3.43 0.00	93.65 5.05 0.00	85.54 4.90 0.00	62.03 3.59 0.00	66.70 3.62 0.00	67.12 3.63 0.00	61.45 3.68 0.00	62.77 3.77 -4.96	85.07 5.07 0.00	113.58 7.25 0.00	103.11 6.67 0.00	94.87 5.93 0.00	82.60 5.15 0.00	75.47 4.36 -3.58	58.42 3.55 0.00	70.85 4.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.90 2.11 0.00	53.85 1.96 0.00	69.44 2.36 0.00	71.27 2.29 0.00	80.64 2.42 0.00	77.68 2.85 0.00	66.57 2.64 -8.95	68.73 3.39 -4.54	61.68 3.12 0.00	93.10 4.50 0.00	84.89 4.24 0.00	61.50 3.06 0.00	66.10 3.02 0.00	66.53 3.04 0.00	60.83 3.06 0.00	62.09 3.25 -4.81	84.56 4.55 0.00	113.01 6.67 0.00	102.65 6.20 0.00	94.48 5.54 0.00	82.27 4.83 0.00	75.05 4.05 -3.47	58.15 3.27 0.00	70.54 3.76 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	53.15 2.36 0.00	54.07 2.18 0.00	69.60 2.52 0.00	71.41 2.42 0.00	80.68 2.47 0.00	77.89 3.07 0.00	66.76 2.86 -8.93	69.21 3.81 -4.60	62.21 3.66 0.00	93.94 5.34 0.00	85.81 5.17 0.00	62.35 3.91 0.00	66.99 3.91 0.00	67.31 3.83 0.00	61.65 3.87 0.00	62.95 3.95 -4.96	85.28 5.27 0.00	113.97 7.63 0.00	103.43 6.99 0.00	95.18 6.24 0.00	82.83 5.39 0.00	75.69 4.58 -3.58	58.61 3.73 0.00	71.05 4.27 0.00
E179THST_13_KV_LOAD 356214	53.38 2.59 0.00	54.29 2.40 0.00	69.87 2.79 0.00	71.67 2.69 0.00	80.99 2.78 0.00	78.20 3.37 0.00	67.03 3.12 -8.93	69.50 4.10 -4.60	62.51 3.95 0.00	94.36 5.76 0.00	86.22 5.57 0.00	62.64 4.20 0.00	67.31 4.23 0.00	67.63 4.15 0.00	61.93 4.17 0.00	63.23 4.23 -4.96	85.70 5.70 0.00	114.54 8.21 0.00	103.95 7.51 0.00	95.65 6.72 0.00	83.24 5.79 0.00	76.02 4.91 -3.58	58.88 4.00 0.00	71.39 4.61 0.00
EAST HAMPTON___GT 23717	53.56 2.76 0.00	54.46 2.57 0.00	70.18 3.10 0.00	71.98 2.99 0.00	81.66 3.45 0.00	93.92 4.07 -15.03	111.30 4.00 -52.33	71.24 5.08 -5.37	62.83 4.27 0.00	93.03 4.43 0.00	84.33 3.68 0.00	61.27 2.83 0.00	66.09 3.01 0.00	66.73 3.24 0.00	61.07 3.30 0.00	62.20 3.20 -4.96	84.97 4.97 0.00	114.54 8.21 0.00	103.87 7.43 0.00	95.35 6.41 0.00	83.22 5.77 0.00	76.85 5.74 -3.58	59.86 4.98 0.00	73.81 7.03 0.00
EAST RIVER___6 23660	53.02 2.22 0.00	53.87 1.99 0.00	69.37 2.29 0.00	71.18 2.19 0.00	80.49 2.28 0.00	77.76 2.93 0.00	66.62 2.72 -8.93	69.04 3.64 -4.60	62.06 3.51 0.00	93.83 5.23 0.00	85.73 5.08 0.00	62.25 3.81 0.00	66.92 3.84 0.00	67.36 3.88 0.00	61.79 4.02 0.00	63.11 4.11 -4.96	85.23 5.22 0.00	113.83 7.50 0.00	103.25 6.81 0.00	94.94 6.01 0.00	82.63 5.18 0.00	75.50 4.39 -3.58	58.45 3.57 0.00	70.77 3.99 0.00
EAST RIVER___7 23524	53.02 2.22 0.00	53.87 1.99 0.00	69.37 2.29 0.00	71.18 2.19 0.00	80.49 2.28 0.00	77.76 2.93 0.00	66.62 2.72 -8.93	69.04 3.64 -4.60	62.06 3.51 0.00	93.83 5.23 0.00	85.73 5.08 0.00	62.25 3.81 0.00	66.92 3.84 0.00	67.36 3.88 0.00	61.79 4.02 0.00	63.11 4.11 -4.96	85.23 5.22 0.00	113.83 7.50 0.00	103.25 6.81 0.00	94.94 6.01 0.00	82.63 5.18 0.00	75.50 4.39 -3.58	58.45 3.57 0.00	70.77 3.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.02 2.23 0.00	53.93 2.05 0.00	69.52 2.44 0.00	71.32 2.34 0.00	80.66 2.44 0.00	77.74 2.92 0.00	66.62 2.74 -8.90	68.93 3.54 -4.59	61.87 3.31 0.00	93.46 4.86 0.00	85.36 4.71 0.00	61.89 3.45 0.00	66.55 3.46 0.00	66.95 3.47 0.00	61.29 3.52 0.00	62.62 3.64 -4.95	84.91 4.90 0.00	113.33 7.00 0.00	102.90 6.46 0.00	94.68 5.74 0.00	82.44 5.00 0.00	75.31 4.21 -3.57	58.31 3.44 0.00	70.72 3.94 0.00
EAST_HAMPTON___DIESEL 23722	53.39 2.60 0.00	54.29 2.41 0.00	69.96 2.88 0.00	71.77 2.78 0.00	81.41 3.20 0.00	93.69 3.84 -15.03	111.13 3.83 -52.33	71.06 4.90 -5.37	62.66 4.10 0.00	92.76 4.15 0.00	84.08 3.44 0.00	61.08 2.64 0.00	65.89 2.80 0.00	66.54 3.05 0.00	60.87 3.10 0.00	62.03 3.03 -4.96	84.73 4.73 0.00	114.22 7.88 0.00	103.58 7.14 0.00	95.07 6.14 0.00	83.02 5.57 0.00	76.70 5.59 -3.58	59.74 4.86 0.00	73.75 6.97 0.00
EAST_POINT___SOLAR 323840	54.15 3.36 0.00	55.33 3.45 0.00	71.37 4.29 0.00	73.44 4.45 0.00	83.34 5.13 0.00	80.20 5.37 0.00	159.08 4.36 -99.73	106.90 4.77 -41.33	62.76 4.21 0.00	93.75 5.15 0.00	85.57 4.93 0.00	61.46 3.02 0.00	66.43 3.35 0.00	66.48 3.00 0.00	60.21 2.43 0.00	64.09 3.21 -6.84	85.75 5.74 0.00	115.60 9.26 0.00	105.09 8.64 0.00	96.81 7.87 0.00	84.25 6.80 0.00	78.38 5.90 -4.95	59.54 4.66 0.00	72.37 5.59 0.00
EAST_PULASKI___ESR 323781	49.14 -1.65 0.00	50.17 -1.71 0.00	64.79 -2.29 0.00	67.07 -1.92 0.00	76.23 -1.98 0.00	73.25 -1.58 0.00	54.04 -0.93 0.00	61.31 0.36 -0.15	59.02 0.47 0.00	88.06 -0.53 0.00	80.25 -0.39 0.00	57.71 -0.73 0.00	61.98 -1.10 0.00	62.03 -1.46 0.00	56.61 -1.16 0.00	54.26 -0.25 -0.48	79.89 -0.12 0.00	107.16 0.83 0.00	97.88 1.44 0.00	90.38 1.45 0.00	78.39 0.94 0.00	68.68 0.81 -0.34	55.70 0.82 0.00	67.70 0.92 0.00
EAST_RIVER___1 323558	53.12 2.33 0.00	54.00 2.11 0.00	69.54 2.47 0.00	71.34 2.35 0.00	80.62 2.40 0.00	77.82 3.00 0.00	66.71 2.82 -8.93	69.12 3.73 -4.60	62.13 3.57 0.00	93.92 5.32 0.00	85.80 5.15 0.00	62.30 3.86 0.00	66.96 3.87 0.00	67.37 3.89 0.00	61.74 3.97 0.00	63.05 4.05 -4.96	85.30 5.29 0.00	113.85 7.52 0.00	103.31 6.87 0.00	95.02 6.08 0.00	82.71 5.26 0.00	75.58 4.47 -3.58	58.54 3.66 0.00	70.90 4.12 0.00
EAST_RIVER___2 323559	53.02 2.22 0.00	53.87 1.99 0.00	69.37 2.29 0.00	71.18 2.19 0.00	80.49 2.28 0.00	77.76 2.93 0.00	66.62 2.72 -8.93	69.04 3.64 -4.60	62.06 3.51 0.00	93.83 5.23 0.00	85.73 5.08 0.00	62.25 3.81 0.00	66.92 3.84 0.00	67.36 3.88 0.00	61.79 4.02 0.00	63.11 4.11 -4.96	85.23 5.22 0.00	113.83 7.50 0.00	103.25 6.81 0.00	94.94 6.01 0.00	82.63 5.18 0.00	75.50 4.39 -3.58	58.45 3.57 0.00	70.77 3.99 0.00
EAST___DELAWARE_HYD 23607	52.44 1.65 0.00	53.40 1.52 0.00	68.90 1.82 0.00	70.74 1.76 0.00	80.05 1.83 0.00	77.17 2.34 0.00	66.90 2.34 -9.58	68.45 3.03 -4.63	61.29 2.73 0.00	92.29 3.69 0.00	83.89 3.25 0.00	60.85 2.41 0.00	65.25 2.17 0.00	65.64 2.16 0.00	59.96 2.19 0.00	61.04 2.48 -4.53	83.80 3.80 0.00	112.44 6.10 0.00	102.18 5.74 0.00	94.04 5.11 0.00	81.86 4.41 0.00	74.47 3.67 -3.27	57.80 2.92 0.00	70.05 3.26 0.00
EIGHT_POINT___WT_PWR 323820	46.78 -4.01 0.00	46.79 -5.10 0.00	59.25 -7.83 0.00	61.27 -7.72 0.00	70.07 -8.14 0.00	66.68 -8.15 0.00	52.44 -5.23 -2.69	56.97 -5.16 -1.33	54.02 -4.54 0.00	79.92 -8.68 0.00	72.36 -8.29 0.00	44.35 -6.23 7.86	57.37 -5.72 0.00	58.61 -4.87 0.00	53.57 -4.20 0.00	52.48 -2.67 -1.11	76.75 -3.26 0.00	104.74 -1.59 0.00	96.22 -0.22 0.00	88.25 -0.69 0.00	76.64 -0.81 0.00	67.94 -0.39 -0.80	54.50 -0.38 0.00	65.76 -1.02 0.00
ELBRIDGE_115KV_TB2 80188	49.27 -1.53 0.00	50.23 -1.66 0.00	64.81 -2.27 0.00	66.69 -2.30 0.00	75.66 -2.56 0.00	72.57 -2.26 0.00	53.71 -1.26 0.00	59.67 -1.34 -0.21	57.46 -1.10 0.00	86.44 -2.16 0.00	78.69 -1.96 0.00	56.83 -1.62 0.00	61.38 -1.71 0.00	61.70 -1.78 0.00	56.31 -1.46 0.00	53.68 -1.00 -0.64	78.49 -1.52 0.00	104.61 -1.72 0.00	95.14 -1.30 0.00	87.60 -1.33 0.00	76.18 -1.27 0.00	66.79 -1.20 -0.46	53.96 -0.91 0.00	65.59 -1.19 0.00
ELEC_TRO_TEK 24086	53.72 2.93 0.00	54.62 2.74 0.00	70.35 3.27 0.00	72.16 3.17 0.00	81.70 3.48 0.00	93.82 3.97 -15.03	110.84 3.54 -52.33	70.57 4.41 -5.37	62.47 3.92 0.00	94.06 5.45 0.00	86.06 5.41 0.00	62.46 4.03 0.00	67.18 4.10 0.00	67.58 4.10 0.00	61.92 4.15 0.00	63.17 4.17 -4.96	85.85 5.84 0.00	114.63 8.29 0.00	104.06 7.62 0.00	95.77 6.83 0.00	83.35 5.90 0.00	76.12 5.02 -3.58	59.01 4.14 0.00	71.52 4.74 0.00

ELLENBURG_WT_PWR 323604	49.93 -0.86 0.00	51.05 -0.83 0.00	66.14 -0.94 0.00	68.11 -0.88 0.00	77.85 -0.36 0.00	74.14 -0.69 0.00	53.60 -1.38 0.00	59.17 -1.63 0.00	57.14 -1.41 0.00	87.42 -1.18 0.00	79.02 -1.63 0.00	56.63 -1.81 0.00	60.99 -2.10 0.00	26.77 -2.09 34.63	-8.02 -2.33 63.46	51.42 -2.61 0.00	77.17 -2.84 0.00	102.77 -3.57 0.00	93.92 -2.52 0.00	87.20 -1.74 0.00	76.36 -1.09 0.00	66.79 -0.74 0.00	54.26 -0.61 0.00	66.49 -0.29 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.77 -4.02 0.00	47.49 -4.39 0.00	60.87 -6.21 0.00	62.73 -6.25 0.00	71.41 -6.81 0.00	68.77 -6.06 0.00	51.07 -3.90 0.00	56.13 -4.96 -0.29	54.42 -4.14 0.00	81.83 -6.77 0.00	75.42 -5.23 0.00	51.57 -4.11 2.76	59.12 -3.97 0.00	59.25 -4.23 0.00	54.16 -3.61 0.00	52.53 -2.41 -0.91	75.32 -4.69 0.00	99.96 -6.37 0.00	91.11 -5.34 0.00	83.22 -5.71 0.00	72.15 -5.30 0.00	63.98 -4.20 -0.65	51.81 -3.06 0.00	63.47 -3.31 0.00
EMPIRE_CC_1 323656	52.72 1.93 0.00	53.82 1.93 0.00	69.75 2.67 0.00	71.62 2.63 0.00	80.96 2.75 0.00	77.54 2.71 0.00	82.29 2.34 -24.97	73.77 2.79 -10.18	61.25 2.70 0.00	92.57 3.97 0.00	84.47 3.82 0.00	61.26 2.82 0.00	65.92 2.83 0.00	66.27 2.78 0.00	60.51 2.73 0.00	62.76 2.88 -5.84	83.98 3.97 0.00	111.25 4.92 0.00	101.02 4.57 0.00	93.07 4.13 0.00	81.06 3.61 0.00	74.98 3.23 -4.22	57.49 2.61 0.00	69.84 3.06 0.00
EMPIRE_CC_2 323658	52.72 1.93 0.00	53.82 1.93 0.00	69.75 2.67 0.00	71.62 2.63 0.00	80.96 2.75 0.00	77.54 2.71 0.00	82.29 2.34 -24.97	73.77 2.79 -10.18	61.25 2.70 0.00	92.57 3.97 0.00	84.47 3.82 0.00	61.26 2.82 0.00	65.92 2.83 0.00	66.27 2.78 0.00	60.51 2.73 0.00	62.76 2.88 -5.84	83.98 3.97 0.00	111.25 4.92 0.00	101.02 4.57 0.00	93.07 4.13 0.00	81.06 3.61 0.00	74.98 3.23 -4.22	57.49 2.61 0.00	69.84 3.06 0.00
ENORWICH_115KV_TB1 80156	51.95 1.16 0.00	52.96 1.07 0.00	68.51 1.43 0.00	70.68 1.69 0.00	79.33 1.12 0.00	77.38 2.55 0.00	64.45 3.04 -6.43	66.83 3.13 -2.90	61.89 3.33 0.00	92.56 3.96 0.00	83.72 3.07 0.00	63.99 1.22 -4.34	64.31 1.22 0.00	64.71 1.23 0.00	59.23 1.46 0.00	57.50 1.86 -1.60	84.17 4.17 0.00	114.60 8.27 0.00	106.01 9.57 0.00	97.50 8.57 0.00	85.32 7.87 0.00	75.74 7.06 -1.15	60.48 5.61 0.00	73.20 6.42 0.00
ERIE_ST__34_KV_TB1-2 80199	48.20 -2.60 0.00	48.93 -2.96 0.00	62.72 -4.36 0.00	64.66 -4.33 0.00	73.56 -4.66 0.00	70.79 -4.04 0.00	52.60 -2.38 0.00	57.93 -3.17 -0.30	56.11 -2.44 0.00	84.32 -4.29 0.00	77.56 -3.08 0.00	53.05 -2.54 2.85	60.80 -2.29 0.00	60.93 -2.56 0.00	55.71 -2.06 0.00	53.94 -1.03 -0.94	77.42 -2.58 0.00	102.92 -3.42 0.00	93.75 -2.69 0.00	85.59 -3.35 0.00	74.20 -3.25 0.00	65.77 -2.43 -0.67	53.32 -1.56 0.00	65.25 -1.54 0.00
ERIE_WT_PWR 323693	47.16 -3.63 0.00	47.82 -4.07 0.00	61.32 -5.76 0.00	63.16 -5.82 0.00	71.92 -6.29 0.00	69.29 -5.53 0.00	51.52 -3.45 0.00	56.66 -4.43 -0.30	54.92 -3.64 0.00	82.42 -6.18 0.00	75.95 -4.70 0.00	51.84 -3.76 2.84	59.55 -3.54 0.00	59.63 -3.85 0.00	54.55 -3.22 0.00	52.94 -2.02 -0.92	75.99 -4.01 0.00	100.99 -5.34 0.00	92.11 -4.33 0.00	84.17 -4.76 0.00	72.94 -4.50 0.00	64.69 -3.50 -0.67	52.37 -2.50 0.00	64.12 -2.66 0.00
ESPRGFLD_115KV_TB1 80157	52.11 1.32 0.00	53.32 1.43 0.00	68.71 1.63 0.00	70.73 1.74 0.00	80.21 2.00 0.00	77.18 2.36 0.00	128.23 2.07 -71.18	90.67 2.19 -27.68	60.78 2.23 0.00	91.55 2.95 0.00	83.24 2.60 0.00	60.13 1.69 0.00	64.90 1.82 0.00	65.23 1.75 0.00	59.31 1.54 0.00	55.76 1.72 0.00	83.11 3.10 0.00	111.38 5.04 0.00	101.37 4.93 0.00	93.41 4.47 0.00	81.32 3.87 0.00	70.94 3.41 0.00	57.61 2.73 0.00	70.02 3.24 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.60 -0.19 0.00	51.54 -0.34 0.00	66.51 -0.57 0.00	68.46 -0.53 0.00	77.55 -0.66 0.00	74.58 -0.25 0.00	58.47 0.41 -3.08	62.87 0.58 -1.50	59.19 0.63 0.00	88.79 0.19 0.00	80.63 -0.02 0.00	68.72 -0.47 -10.75	62.57 -0.51 0.00	62.85 -0.63 0.00	57.35 -0.42 0.00	55.15 -0.07 -1.18	80.34 0.34 0.00	108.05 1.71 0.00	98.70 2.25 0.00	90.79 1.85 0.00	78.99 1.54 0.00	69.68 1.30 -0.86	55.91 1.03 0.00	67.87 1.08 0.00
ETNA____115KV_TB2 80207	50.60 -0.19 0.00	51.54 -0.34 0.00	66.51 -0.57 0.00	68.46 -0.53 0.00	77.55 -0.66 0.00	74.58 -0.25 0.00	58.47 0.41 -3.08	62.87 0.58 -1.50	59.19 0.63 0.00	88.79 0.19 0.00	80.63 -0.02 0.00	68.72 -0.47 -10.75	62.57 -0.51 0.00	62.85 -0.63 0.00	57.35 -0.42 0.00	55.15 -0.07 -1.18	80.34 0.34 0.00	108.05 1.71 0.00	98.70 2.25 0.00	90.79 1.85 0.00	78.99 1.54 0.00	69.68 1.30 -0.86	55.91 1.03 0.00	67.87 1.08 0.00
EUCLID____115KV_TB2 356179	48.87 -1.93 0.00	49.85 -2.03 0.00	64.33 -2.75 0.00	66.20 -2.78 0.00	75.08 -3.13 0.00	72.05 -2.78 0.00	53.32 -1.66 0.00	59.22 -1.75 -0.17	56.99 -1.57 0.00	85.82 -2.78 0.00	78.26 -2.38 0.00	56.54 -1.90 0.00	61.06 -2.03 0.00	61.36 -2.13 0.00	55.99 -1.78 0.00	53.29 -1.28 -0.53	78.00 -2.00 0.00	103.93 -2.41 0.00	94.48 -1.96 0.00	86.92 -2.01 0.00	75.53 -1.92 0.00	66.23 -1.68 -0.38	53.53 -1.34 0.00	65.08 -1.71 0.00
E_CANADA_CAP_HY 24051	52.94 2.15 0.00	54.19 2.30 0.00	69.85 2.77 0.00	71.91 2.92 0.00	81.66 3.45 0.00	78.51 3.68 0.00	150.29 2.91 -92.41	102.12 3.03 -38.30	61.36 2.80 0.00	92.05 3.45 0.00	83.92 3.28 0.00	60.64 2.20 0.00	65.43 2.35 0.00	65.61 2.13 0.00	59.61 1.84 0.00	63.20 2.05 -7.10	83.72 3.72 0.00	112.18 5.84 0.00	101.96 5.51 0.00	94.02 5.08 0.00	81.90 4.45 0.00	76.70 4.03 -5.14	58.11 3.23 0.00	70.74 3.95 0.00
E_CANADA_MHWK_HY 24050	52.48 1.69 0.00	53.51 1.62 0.00	69.27 2.19 0.00	71.06 2.07 0.00	80.23 2.02 0.00	77.07 2.25 0.00	57.62 2.64 0.00	64.17 3.37 0.00	60.88 2.32 0.00	90.61 2.01 0.00	83.47 2.82 0.00	60.55 2.11 0.00	64.80 1.71 0.00	64.73 1.24 0.00	59.36 1.60 0.00	56.37 2.33 0.00	83.40 3.39 0.00	111.80 5.46 0.00	101.65 5.20 0.00	93.64 4.71 0.00	81.49 4.05 0.00	71.11 3.58 0.00	57.81 2.93 0.00	69.99 3.21 0.00
E_FISHKILL____LBMP 23776	52.84 2.05 0.00	53.80 1.91 0.00	69.41 2.33 0.00	71.23 2.24 0.00	80.55 2.33 0.00	77.55 2.72 0.00	66.59 2.54 -9.07	68.75 3.27 -4.68	61.61 3.05 0.00	93.05 4.46 0.00	84.97 4.32 0.00	61.59 3.15 0.00	66.23 3.15 0.00	66.65 3.17 0.00	60.97 3.20 0.00	62.41 3.31 -5.07	84.48 4.48 0.00	112.75 6.42 0.00	102.36 5.91 0.00	94.21 5.28 0.00	82.02 4.57 0.00	75.07 3.89 -3.66	58.04 3.16 0.00	70.41 3.63 0.00
FALCON____SEABRD_CC1 323796	50.56 -0.23 0.00	51.74 -0.14 0.00	67.09 0.01 0.00	69.03 0.04 0.00	78.75 0.54 0.00	74.88 0.05 0.00	54.15 -0.82 0.00	59.74 -1.06 0.00	57.65 -0.90 0.00	88.13 -0.47 0.00	79.73 -0.91 0.00	57.00 -1.44 0.00	61.42 -1.66 0.00	24.66 -1.74 37.09	-12.23 -2.02 67.97	51.84 -2.19 0.00	77.86 -2.15 0.00	103.83 -2.50 0.00	94.96 -1.48 0.00	88.07 -0.87 0.00	76.90 -0.54 0.00	67.29 -0.24 0.00	54.66 -0.21 0.00	67.34 0.56 0.00

FALCON___SEABRD_CC2 323797	50.56 -0.23 0.00	51.74 -0.14 0.00	67.09 0.01 0.00	69.03 0.04 0.00	78.75 0.54 0.00	74.88 0.05 0.00	54.15 -0.82 0.00	59.74 -1.06 0.00	57.65 -0.90 0.00	88.13 -0.47 0.00	79.73 -0.91 0.00	57.00 -1.44 0.00	61.42 -1.66 0.00	24.66 -1.74 37.09	-12.23 -2.02 67.97	51.84 -2.19 0.00	77.86 -2.15 0.00	103.83 -2.50 0.00	94.96 -1.48 0.00	88.07 -0.87 0.00	76.90 -0.54 0.00	67.29 -0.24 0.00	54.66 -0.21 0.00	67.34 0.56 0.00
FAR ROCKAWAY___4 23548	54.35 3.55 0.00	55.24 3.35 0.00	71.11 4.03 0.00	72.95 3.97 0.00	82.58 4.36 0.00	94.72 4.86 -15.03	111.56 4.25 -52.33	71.34 5.18 -5.37	63.18 4.62 0.00	95.09 6.49 0.00	87.09 6.45 0.00	63.19 4.75 0.00	67.89 4.80 0.00	68.11 4.63 0.00	62.66 4.89 0.00	63.89 4.89 -4.96	86.96 6.96 0.00	116.11 9.77 0.00	105.43 8.99 0.00	97.00 8.07 0.00	84.38 6.93 0.00	77.01 5.90 -3.58	59.72 4.85 0.00	72.36 5.58 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.17 2.38 0.00	54.04 2.15 0.00	69.61 2.53 0.00	71.39 2.41 0.00	80.68 2.46 0.00	77.86 3.03 0.00	66.75 2.86 -8.93	69.16 3.77 -4.60	62.17 3.62 0.00	93.95 5.35 0.00	85.83 5.18 0.00	62.32 3.88 0.00	66.99 3.90 0.00	67.39 3.91 0.00	61.73 3.96 0.00	63.04 4.03 -4.96	85.31 5.31 0.00	113.88 7.55 0.00	103.36 6.92 0.00	95.07 6.13 0.00	82.76 5.31 0.00	75.62 4.51 -3.58	58.58 3.71 0.00	70.95 4.16 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.20 2.41 0.00	54.06 2.17 0.00	69.62 2.54 0.00	71.41 2.43 0.00	80.71 2.49 0.00	77.92 3.09 0.00	66.79 2.89 -8.93	69.20 3.80 -4.60	62.19 3.64 0.00	94.00 5.40 0.00	85.87 5.22 0.00	62.35 3.91 0.00	67.02 3.94 0.00	67.41 3.93 0.00	61.77 4.00 0.00	63.07 4.07 -4.96	85.35 5.35 0.00	113.92 7.58 0.00	103.41 6.96 0.00	95.11 6.18 0.00	82.81 5.36 0.00	75.66 4.55 -3.58	58.60 3.73 0.00	70.98 4.20 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.13 2.34 0.00	54.01 2.12 0.00	69.56 2.48 0.00	71.33 2.35 0.00	80.63 2.41 0.00	77.84 3.01 0.00	66.73 2.83 -8.93	69.13 3.73 -4.60	62.13 3.57 0.00	93.91 5.31 0.00	85.78 5.14 0.00	62.29 3.85 0.00	66.96 3.87 0.00	67.36 3.88 0.00	61.71 3.94 0.00	63.01 4.01 -4.96	85.27 5.26 0.00	113.80 7.47 0.00	103.30 6.86 0.00	95.01 6.07 0.00	82.70 5.25 0.00	75.58 4.47 -3.58	58.54 3.66 0.00	70.91 4.12 0.00
FARRAGUT___LBMP 323566	53.11 2.31 0.00	53.98 2.09 0.00	69.51 2.43 0.00	71.31 2.32 0.00	80.56 2.35 0.00	77.78 2.95 0.00	66.68 2.78 -8.93	69.08 3.68 -4.60	62.07 3.51 0.00	93.82 5.22 0.00	85.69 5.04 0.00	62.23 3.79 0.00	66.89 3.80 0.00	67.29 3.81 0.00	61.65 3.88 0.00	62.94 3.94 -4.96	85.18 5.17 0.00	113.69 7.35 0.00	103.21 6.76 0.00	94.93 5.99 0.00	82.63 5.19 0.00	75.52 4.41 -3.58	58.49 3.61 0.00	70.85 4.07 0.00
FENNER___WINDPWR 24204	51.04 0.24 0.00	52.09 0.20 0.00	67.34 0.26 0.00	69.39 0.40 0.00	78.67 0.46 0.00	75.65 0.82 0.00	55.98 1.00 0.00	62.28 1.27 -0.21	59.84 1.28 0.00	89.96 1.36 0.00	81.87 1.23 0.00	61.14 0.66 -2.04	63.83 0.75 0.00	64.10 0.62 0.00	58.48 0.71 0.00	55.68 0.98 -0.66	81.58 1.57 0.00	108.95 2.62 0.00	99.16 2.72 0.00	91.37 2.43 0.00	79.43 1.98 0.00	69.71 1.71 -0.48	56.20 1.32 0.00	68.24 1.45 0.00
FIBERTEK___ENERGY 23856	49.52 -1.27 0.00	50.50 -1.38 0.00	65.15 -1.93 0.00	67.06 -1.93 0.00	76.06 -2.15 0.00	73.00 -1.83 0.00	54.06 -0.91 0.00	60.28 -0.71 -0.20	58.01 -0.55 0.00	87.26 -1.34 0.00	79.48 -1.16 0.00	57.37 -1.07 0.00	61.94 -1.15 0.00	62.26 -1.23 0.00	56.81 -0.96 0.00	54.17 -0.48 -0.61	79.30 -0.71 0.00	105.74 -0.60 0.00	96.18 -0.26 0.00	88.52 -0.42 0.00	76.92 -0.52 0.00	67.46 -0.51 -0.44	54.48 -0.40 0.00	66.19 -0.59 0.00
FITZPATRICK____ 23598	48.38 -2.41 0.00	49.37 -2.51 0.00	63.74 -3.34 0.00	65.62 -3.37 0.00	74.41 -3.81 0.00	71.33 -3.50 0.00	52.69 -2.29 0.00	58.39 -2.54 -0.13	56.22 -2.34 0.00	84.75 -3.85 0.00	77.23 -3.42 0.00	55.85 -2.59 0.00	60.33 -2.76 0.00	60.64 -2.84 0.00	55.29 -2.48 0.00	52.36 -2.06 -0.39	76.86 -3.14 0.00	102.32 -4.02 0.00	92.93 -3.51 0.00	85.56 -3.38 0.00	74.42 -3.03 0.00	65.17 -2.63 -0.28	52.76 -2.11 0.00	64.18 -2.60 0.00
FLOWRFLD_69_KV_BK1 356044	54.59 3.80 0.00	55.50 3.62 0.00	71.45 4.36 0.00	73.30 4.31 0.00	83.04 4.83 0.00	95.11 5.25 -15.03	111.99 4.69 -52.33	71.87 5.71 -5.37	63.51 4.95 0.00	94.92 6.32 0.00	86.47 5.83 0.00	62.87 4.43 0.00	67.75 4.66 0.00	68.22 4.74 0.00	62.49 4.72 0.00	63.68 4.68 -4.96	86.86 6.86 0.00	116.57 10.23 0.00	105.69 9.25 0.00	97.17 8.24 0.00	84.57 7.13 0.00	77.28 6.17 -3.58	59.98 5.11 0.00	72.81 6.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.53 2.74 0.00	54.48 2.59 0.00	70.26 3.18 0.00	72.12 3.13 0.00	81.59 3.37 0.00	78.61 3.78 0.00	67.61 3.39 -9.24	69.72 4.22 -4.70	62.48 3.92 0.00	94.27 5.68 0.00	86.03 5.39 0.00	62.32 3.89 0.00	66.99 3.90 0.00	67.38 3.90 0.00	61.64 3.87 0.00	63.05 4.03 -4.98	85.70 5.69 0.00	114.51 8.18 0.00	104.04 7.59 0.00	95.73 6.80 0.00	83.30 5.85 0.00	76.09 4.97 -3.60	58.88 4.00 0.00	71.39 4.61 0.00
FORT ORANGE____ 23900	52.80 2.01 0.00	53.95 2.06 0.00	70.03 2.95 0.00	71.96 2.98 0.00	81.31 3.10 0.00	77.46 2.64 0.00	104.08 2.07 -47.03	80.17 2.50 -16.87	60.91 2.35 0.00	92.02 3.42 0.00	84.14 3.49 0.00	61.01 2.57 0.00	65.51 2.43 0.00	65.88 2.40 0.00	60.14 2.37 0.00	62.43 2.38 -6.01	83.13 3.13 0.00	110.14 3.81 0.00	99.90 3.46 0.00	92.01 3.07 0.00	80.08 2.63 0.00	74.19 2.32 -4.35	56.82 1.95 0.00	69.56 2.77 0.00
FORT_DRUM_COGEN 23780	50.34 -0.46 0.00	51.57 -0.32 0.00	66.68 -0.40 0.00	70.09 1.11 0.00	80.31 2.10 0.00	77.48 2.66 0.00	56.57 1.60 0.00	63.53 2.63 -0.10	60.80 2.24 0.00	89.71 1.10 0.00	80.93 0.29 0.00	58.11 -0.33 0.00	63.49 0.40 0.00	64.29 0.81 0.00	57.37 -0.40 0.00	53.75 -0.61 -0.32	80.31 0.31 0.00	109.42 3.09 0.00	100.78 4.34 0.00	93.90 4.96 0.00	81.23 3.79 0.00	71.09 3.33 -0.23	57.84 2.96 0.00	70.50 3.72 0.00
FOX_HILLS___ESR 323835	63.14 2.73 -9.62	61.75 2.49 -7.37	69.85 2.77 0.00	71.58 2.59 0.00	80.80 2.59 0.00	77.99 3.16 0.00	66.79 2.89 -8.93	69.32 3.92 -4.61	66.81 3.87 -4.38	94.14 5.54 0.00	85.97 5.33 0.00	64.32 4.13 -1.75	68.04 4.15 -0.81	67.56 4.07 0.00	65.41 4.22 -3.42	68.05 4.30 -9.71	85.67 5.62 -0.05	117.49 8.12 -3.03	194.27 7.54 -90.28	162.17 6.72 -66.51	117.20 5.84 -33.92	79.34 4.99 -6.82	69.25 4.10 -10.28	72.95 4.71 -1.46
FPL FAR_ROCK_GT1 24212	54.35 3.56 0.00	55.24 3.35 0.00	71.11 4.03 0.00	72.95 3.96 0.00	82.58 4.37 0.00	94.72 4.87 -15.03	111.56 4.25 -52.33	71.34 5.18 -5.37	63.18 4.62 0.00	95.09 6.49 0.00	87.09 6.45 0.00	63.19 4.75 0.00	67.88 4.80 0.00	68.12 4.63 0.00	62.66 4.89 0.00	63.89 4.89 -4.96	86.96 6.95 0.00	116.11 9.77 0.00	105.43 8.99 0.00	97.00 8.07 0.00	84.38 6.93 0.00	77.01 5.90 -3.58	59.72 4.85 0.00	72.36 5.58 0.00

FPL FAR_ROCK_GT2 23815	54.35 3.56 0.00	55.24 3.35 0.00	71.11 4.03 0.00	72.95 3.96 0.00	82.58 4.37 0.00	94.72 4.87 -15.03	111.56 4.25 -52.33	71.34 5.18 -5.37	63.18 4.62 0.00	95.09 6.49 0.00	87.09 6.45 0.00	63.19 4.75 0.00	67.88 4.80 0.00	68.12 4.63 0.00	62.66 4.89 0.00	63.89 4.89 -4.96	86.96 6.95 0.00	116.11 9.77 0.00	105.43 8.99 0.00	97.00 8.07 0.00	84.38 6.93 0.00	77.01 5.90 -3.58	59.72 4.85 0.00	72.36 5.58 0.00
FRANKLIN_FALL_HYD 24054	51.20 0.41 0.00	52.33 0.45 0.00	67.81 0.73 0.00	69.80 0.82 0.00	79.89 1.67 0.00	76.24 1.41 0.00	55.27 0.30 0.00	61.03 0.23 0.00	58.91 0.35 0.00	90.22 1.63 0.00	80.98 0.33 0.00	58.06 -0.38 0.00	62.61 -0.48 0.00	65.38 -0.50 -2.40	61.20 -0.96 -4.39	52.56 -1.47 0.00	78.88 -1.13 0.00	105.15 -1.19 0.00	96.02 -0.42 0.00	89.11 0.18 0.00	78.03 0.58 0.00	68.40 0.88 0.00	55.55 0.67 0.00	67.93 1.15 0.00
FREEPORT_EQUUS_GT1 23764	53.97 3.18 0.00	54.84 2.96 0.00	70.62 3.54 0.00	72.42 3.44 0.00	82.02 3.80 0.00	94.18 4.33 -15.03	111.12 3.82 -52.33	70.90 4.74 -5.37	62.73 4.17 0.00	94.28 5.68 0.00	86.28 5.63 0.00	62.61 4.17 0.00	67.34 4.26 0.00	67.74 4.26 0.00	62.08 4.31 0.00	63.33 4.33 -4.96	86.19 6.18 0.00	114.84 8.51 0.00	104.22 7.78 0.00	96.19 7.25 0.00	83.82 6.37 0.00	76.54 5.43 -3.58	59.34 4.46 0.00	71.93 5.15 0.00
FREEPORT___CT2 23818	53.97 3.18 0.00	54.84 2.96 0.00	70.62 3.54 0.00	72.42 3.44 0.00	82.02 3.80 0.00	94.18 4.33 -15.03	111.12 3.82 -52.33	70.90 4.74 -5.37	62.73 4.17 0.00	94.28 5.68 0.00	86.28 5.63 0.00	62.61 4.17 0.00	67.34 4.26 0.00	67.74 4.26 0.00	62.08 4.31 0.00	63.33 4.33 -4.96	86.19 6.18 0.00	114.84 8.51 0.00	104.22 7.78 0.00	96.19 7.25 0.00	83.82 6.37 0.00	76.54 5.43 -3.58	59.34 4.46 0.00	71.93 5.15 0.00
FRESHKLS_33_KV_LOAD 356253	63.13 2.72 -9.62	61.76 2.50 -7.37	69.78 2.70 0.00	71.48 2.50 0.00	80.64 2.43 0.00	77.85 3.02 0.00	66.66 2.76 -8.93	69.18 3.78 -4.61	66.71 3.77 -4.38	93.90 5.30 0.00	85.69 5.05 0.00	64.17 3.98 -1.75	67.87 3.98 -0.81	67.37 3.89 0.00	65.27 4.08 -3.42	67.94 4.19 -9.71	85.52 5.47 -0.05	117.50 7.99 -3.18	194.20 7.45 -90.31	162.10 6.66 -66.51	117.17 5.80 -33.92	79.34 4.99 -6.82	69.23 4.08 -10.28	72.93 4.69 -1.46
FULTON COGEN____ 23766	48.87 -1.93 0.00	49.84 -2.05 0.00	64.33 -2.75 0.00	66.22 -2.77 0.00	75.11 -3.10 0.00	72.08 -2.75 0.00	53.43 -1.54 0.00	60.73 -0.23 -0.17	58.47 -0.08 0.00	87.79 -0.81 0.00	80.10 -0.55 0.00	57.81 -0.63 0.00	62.33 -0.75 0.00	62.57 -0.91 0.00	57.10 -0.66 0.00	54.50 -0.06 -0.53	79.94 -0.06 0.00	106.77 0.43 0.00	97.20 0.75 0.00	89.45 0.51 0.00	77.63 0.19 0.00	68.02 0.11 -0.38	54.98 0.11 0.00	66.79 0.01 0.00
FULTON___LFGE 323630	53.68 2.89 0.00	54.86 2.97 0.00	70.79 3.71 0.00	72.80 3.81 0.00	82.52 4.31 0.00	79.33 4.51 0.00	160.21 3.73 -101.51	106.90 4.11 -42.00	61.77 3.22 0.00	91.64 3.04 0.00	83.91 3.27 0.00	60.72 2.28 0.00	65.36 2.28 0.00	65.41 1.93 0.00	59.81 2.04 0.00	63.64 2.82 -6.78	85.06 5.06 0.00	114.36 8.03 0.00	103.94 7.49 0.00	95.75 6.82 0.00	83.33 5.88 0.00	77.54 5.12 -4.90	58.94 4.06 0.00	71.63 4.85 0.00
G.F.CEMENT___DRP 24184	55.11 4.32 0.00	56.26 4.37 0.00	72.92 5.84 0.00	74.95 5.96 0.00	84.76 6.55 0.00	81.49 6.67 0.00	162.43 5.71 -101.74	109.11 6.68 -41.64	64.15 5.60 0.00	96.21 7.61 0.00	87.55 6.90 0.00	63.33 4.89 0.00	68.14 5.06 0.00	68.32 4.84 0.00	62.33 4.56 0.00	65.38 5.07 -6.28	87.80 7.79 0.00	117.38 11.05 0.00	106.85 10.41 0.00	98.41 9.47 0.00	85.62 8.17 0.00	79.11 7.05 -4.53	60.58 5.70 0.00	73.46 6.68 0.00
GARDENVILLE___LBMP 24039	46.94 -3.85 0.00	47.65 -4.24 0.00	61.07 -6.01 0.00	62.94 -6.05 0.00	71.64 -6.57 0.00	68.99 -5.84 0.00	51.29 -3.69 0.00	56.43 -4.66 -0.30	54.69 -3.87 0.00	82.16 -6.43 0.00	75.69 -4.96 0.00	51.64 -3.93 2.87	59.31 -3.77 0.00	59.44 -4.04 0.00	54.36 -3.41 0.00	52.75 -2.20 -0.92	75.69 -4.31 0.00	100.58 -5.76 0.00	91.71 -4.74 0.00	83.79 -5.15 0.00	72.65 -4.80 0.00	64.40 -3.79 -0.67	52.13 -2.75 0.00	63.79 -3.00 0.00
GARDNVLA_35_KV_LD 355827	47.20 -3.59 0.00	47.87 -4.01 0.00	61.37 -5.71 0.00	63.27 -5.72 0.00	72.01 -6.20 0.00	69.36 -5.46 0.00	51.57 -3.41 0.00	56.74 -4.36 -0.30	54.98 -3.58 0.00	82.61 -5.99 0.00	76.10 -4.54 0.00	51.98 -3.63 2.83	59.64 -3.44 0.00	59.76 -3.73 0.00	54.65 -3.12 0.00	53.05 -1.91 -0.93	76.11 -3.90 0.00	101.16 -5.18 0.00	92.21 -4.23 0.00	84.24 -4.70 0.00	73.03 -4.42 0.00	64.74 -3.45 -0.67	52.41 -2.46 0.00	64.15 -2.64 0.00
GELCKHM___115KV_LOAD 80723	49.13 -1.66 0.00	50.11 -1.77 0.00	64.66 -2.42 0.00	66.55 -2.44 0.00	75.47 -2.74 0.00	72.43 -2.40 0.00	53.61 -1.37 0.00	59.62 -1.36 -0.18	57.38 -1.17 0.00	86.36 -2.24 0.00	78.74 -1.91 0.00	56.86 -1.58 0.00	61.38 -1.71 0.00	61.70 -1.78 0.00	56.29 -1.48 0.00	53.62 -0.99 -0.56	78.49 -1.51 0.00	104.61 -1.72 0.00	95.13 -1.31 0.00	87.54 -1.40 0.00	76.07 -1.38 0.00	66.71 -1.23 -0.41	53.88 -0.99 0.00	65.51 -1.27 0.00
GENERAL___MILLS 23808	47.16 -3.63 0.00	47.84 -4.04 0.00	61.31 -5.77 0.00	63.21 -5.78 0.00	71.94 -6.28 0.00	69.29 -5.54 0.00	51.51 -3.47 0.00	56.66 -4.43 -0.30	54.91 -3.65 0.00	82.48 -6.12 0.00	75.97 -4.67 0.00	51.89 -3.71 2.84	59.56 -3.53 0.00	59.68 -3.80 0.00	54.56 -3.21 0.00	52.96 -2.00 -0.92	76.00 -4.01 0.00	100.99 -5.34 0.00	92.08 -4.36 0.00	84.09 -4.85 0.00	72.92 -4.53 0.00	64.63 -3.56 -0.67	52.33 -2.54 0.00	64.06 -2.72 0.00
GE_PLASTICS___DRP 24183	52.38 1.59 0.00	53.51 1.62 0.00	69.37 2.29 0.00	71.27 2.29 0.00	80.57 2.35 0.00	77.03 2.20 0.00	93.72 1.92 -36.82	76.39 2.37 -13.22	60.80 2.24 0.00	91.85 3.25 0.00	83.87 3.23 0.00	60.78 2.34 0.00	65.37 2.28 0.00	65.74 2.26 0.00	60.02 2.25 0.00	62.33 2.28 -6.01	83.07 3.06 0.00	110.13 3.80 0.00	99.91 3.46 0.00	92.05 3.11 0.00	80.12 2.68 0.00	74.22 2.36 -4.34	56.80 1.92 0.00	69.11 2.33 0.00
GILBOA___1 23756	52.01 1.22 0.00	53.24 1.35 0.00	69.03 1.95 0.00	70.89 1.90 0.00	79.94 1.72 0.00	76.46 1.63 0.00	62.15 1.58 -5.59	66.16 1.99 -3.38	60.42 1.87 0.00	91.22 2.62 0.00	83.21 2.57 0.00	60.27 1.83 0.00	64.92 1.83 0.00	65.29 1.81 0.00	59.63 1.85 0.00	60.82 1.99 -4.79	82.76 2.76 0.00	110.13 3.79 0.00	99.95 3.51 0.00	92.16 3.22 0.00	80.24 2.79 0.00	73.39 2.40 -3.46	56.82 1.95 0.00	69.02 2.23 0.00
GILBOA___2 23757	52.01 1.22 0.00	53.24 1.35 0.00	69.03 1.95 0.00	70.89 1.90 0.00	79.94 1.72 0.00	76.46 1.63 0.00	62.15 1.58 -5.59	66.16 1.99 -3.38	60.42 1.87 0.00	91.22 2.62 0.00	83.21 2.57 0.00	60.27 1.83 0.00	64.92 1.83 0.00	65.29 1.81 0.00	59.63 1.85 0.00	60.82 1.99 -4.79	82.76 2.76 0.00	110.13 3.79 0.00	99.95 3.51 0.00	92.16 3.22 0.00	80.24 2.79 0.00	73.39 2.40 -3.46	56.82 1.95 0.00	69.02 2.23 0.00

GILBOA___3 23758	52.01 1.22 0.00	53.24 1.35 0.00	69.03 1.95 0.00	70.89 1.90 0.00	79.94 1.72 0.00	76.46 1.63 0.00	62.15 1.58 -5.59	66.16 1.99 -3.38	60.42 1.87 0.00	91.22 2.62 0.00	83.21 2.57 0.00	60.27 1.83 0.00	64.92 1.83 0.00	65.29 1.81 0.00	59.63 1.85 0.00	60.82 1.99 -4.79	82.76 2.76 0.00	110.13 3.79 0.00	99.95 3.51 0.00	92.16 3.22 0.00	80.24 2.79 0.00	73.39 2.40 -3.46	56.82 1.95 0.00	69.02 2.23 0.00
GILBOA___4 23759	52.01 1.22 0.00	53.24 1.35 0.00	69.03 1.95 0.00	70.89 1.90 0.00	79.94 1.72 0.00	76.46 1.63 0.00	62.15 1.58 -5.59	66.16 1.99 -3.38	60.42 1.87 0.00	91.22 2.62 0.00	83.21 2.57 0.00	60.27 1.83 0.00	64.92 1.83 0.00	65.29 1.81 0.00	59.63 1.85 0.00	60.82 1.99 -4.79	82.76 2.76 0.00	110.13 3.79 0.00	99.95 3.51 0.00	92.16 3.22 0.00	80.24 2.79 0.00	73.39 2.40 -3.46	56.82 1.95 0.00	69.02 2.23 0.00
GILBOA___ 23599	52.01 1.22 0.00	53.24 1.35 0.00	69.03 1.95 0.00	70.89 1.90 0.00	79.94 1.72 0.00	76.47 1.64 0.00	62.15 1.58 -5.59	66.17 1.99 -3.38	60.42 1.87 0.00	91.22 2.62 0.00	83.21 2.57 0.00	60.27 1.83 0.00	64.92 1.83 0.00	65.29 1.81 0.00	59.63 1.85 0.00	60.82 2.00 -4.79	82.76 2.76 0.00	110.13 3.80 0.00	99.95 3.51 0.00	92.16 3.23 0.00	80.24 2.80 0.00	73.39 2.40 -3.46	56.83 1.95 0.00	69.02 2.24 0.00
GINNA___ 23603	46.20 -4.59 0.00	47.09 -4.79 0.00	60.56 -6.52 0.00	62.37 -6.61 0.00	70.96 -7.25 0.00	68.31 -6.52 0.00	50.70 -4.28 0.00	55.98 -5.04 -0.22	54.02 -4.54 0.00	81.30 -7.30 0.00	74.32 -6.33 0.00	52.12 -4.83 1.49	58.14 -4.95 0.00	58.38 -5.11 0.00	53.23 -4.54 0.00	51.15 -3.59 -0.69	74.27 -5.74 0.00	98.58 -7.75 0.00	89.64 -6.80 0.00	82.14 -6.80 0.00	71.29 -6.16 0.00	62.71 -5.32 -0.50	50.68 -4.20 0.00	61.79 -4.99 0.00
GLEN PARK___ 23778	50.64 -0.16 0.00	51.86 -0.02 0.00	67.05 -0.03 0.00	70.41 1.43 0.00	80.64 2.43 0.00	77.84 3.02 0.00	56.91 1.93 0.00	64.00 3.09 -0.11	61.39 2.83 0.00	90.08 1.48 0.00	81.60 0.95 0.00	58.21 -0.23 0.00	63.50 0.41 0.00	64.45 0.97 0.00	57.45 -0.32 0.00	54.02 -0.35 -0.33	80.80 0.79 0.00	110.25 3.92 0.00	101.59 5.15 0.00	94.60 5.67 0.00	81.81 4.37 0.00	71.57 3.81 -0.24	58.20 3.32 0.00	70.87 4.08 0.00
GLENDALE_27_KV_LOAD 356172	53.52 2.73 0.00	54.38 2.49 0.00	69.98 2.90 0.00	71.78 2.79 0.00	81.12 2.90 0.00	78.31 3.48 0.00	67.12 3.22 -8.93	69.62 4.23 -4.60	62.66 4.10 0.00	94.67 6.07 0.00	86.48 5.84 0.00	62.81 4.36 0.00	67.50 4.41 0.00	67.87 4.39 0.00	62.16 4.39 0.00	63.43 4.43 -4.96	85.88 5.87 0.00	115.01 8.39 -0.29	104.21 7.71 -0.05	95.81 6.87 0.00	83.34 5.90 0.00	76.12 5.01 -3.58	58.98 4.10 0.00	71.46 4.68 0.00
GLENWOOD_IC_1_G5 23712	53.99 3.19 0.00	54.89 3.00 0.00	70.68 3.59 0.00	72.49 3.50 0.00	82.09 3.87 0.00	94.19 4.34 -15.03	110.97 3.66 -52.33	70.71 4.55 -5.37	62.61 4.06 0.00	94.24 5.63 0.00	86.23 5.58 0.00	62.81 4.37 0.00	67.54 4.46 0.00	67.72 4.24 0.00	62.05 4.27 0.00	63.30 4.31 -4.96	86.07 6.07 0.00	114.97 8.64 0.00	104.37 7.93 0.00	96.04 7.10 0.00	83.57 6.12 0.00	76.29 5.19 -3.58	59.13 4.25 0.00	71.66 4.87 0.00
GLENWOOD_IC_2_G1 23688	53.85 3.06 0.00	54.76 2.87 0.00	70.51 3.43 0.00	72.33 3.34 0.00	81.88 3.67 0.00	93.99 4.13 -15.03	110.96 3.66 -52.33	70.71 4.55 -5.37	62.61 4.05 0.00	94.25 5.64 0.00	86.23 5.58 0.00	62.64 4.20 0.00	67.37 4.29 0.00	67.72 4.24 0.00	62.05 4.27 0.00	63.30 4.30 -4.96	86.05 6.05 0.00	114.92 8.59 0.00	104.31 7.86 0.00	96.02 7.09 0.00	83.54 6.10 0.00	76.29 5.18 -3.58	59.13 4.26 0.00	71.69 4.91 0.00
GLENWOOD_IC_3_G1 23689	53.85 3.06 0.00	54.76 2.87 0.00	70.51 3.43 0.00	72.33 3.34 0.00	81.88 3.67 0.00	93.99 4.13 -15.03	110.96 3.66 -52.33	70.71 4.55 -5.37	62.61 4.05 0.00	94.25 5.64 0.00	86.23 5.58 0.00	62.64 4.20 0.00	67.37 4.29 0.00	67.72 4.24 0.00	62.05 4.27 0.00	63.30 4.30 -4.96	86.05 6.05 0.00	114.92 8.59 0.00	104.31 7.86 0.00	96.02 7.09 0.00	83.54 6.10 0.00	76.29 5.18 -3.58	59.13 4.26 0.00	71.69 4.91 0.00
GLENWOOD___4 23550	53.99 3.19 0.00	54.89 3.00 0.00	70.68 3.59 0.00	72.49 3.50 0.00	82.09 3.87 0.00	94.20 4.34 -15.03	111.03 3.73 -52.33	70.77 4.61 -5.37	62.68 4.13 0.00	94.34 5.74 0.00	86.35 5.70 0.00	62.81 4.37 0.00	67.55 4.47 0.00	67.80 4.31 0.00	62.13 4.35 0.00	63.37 4.37 -4.96	86.19 6.18 0.00	115.12 8.78 0.00	104.48 8.03 0.00	96.16 7.22 0.00	83.66 6.21 0.00	76.37 5.27 -3.58	59.19 4.32 0.00	71.75 4.97 0.00
GLENWOOD___5 23614	53.99 3.19 0.00	54.89 3.00 0.00	70.68 3.59 0.00	72.49 3.50 0.00	82.09 3.87 0.00	94.20 4.34 -15.03	111.03 3.73 -52.33	70.77 4.61 -5.37	62.68 4.13 0.00	94.34 5.74 0.00	86.35 5.70 0.00	62.81 4.37 0.00	67.55 4.47 0.00	67.80 4.31 0.00	62.13 4.35 0.00	63.37 4.37 -4.96	86.19 6.18 0.00	115.12 8.78 0.00	104.48 8.03 0.00	96.16 7.22 0.00	83.66 6.21 0.00	76.37 5.27 -3.58	59.19 4.32 0.00	71.75 4.97 0.00
GLOBAL GREEN_PORT_GT1 23814	54.16 3.37 0.00	55.08 3.19 0.00	70.95 3.87 0.00	72.79 3.80 0.00	82.55 4.34 0.00	94.77 4.92 -15.03	111.92 4.62 -52.33	71.89 5.73 -5.37	63.43 4.87 0.00	94.08 5.48 0.00	85.29 4.65 0.00	61.95 3.51 0.00	66.86 3.78 0.00	67.46 3.97 0.00	61.77 4.00 0.00	62.86 3.86 -4.96	85.94 5.93 0.00	115.77 9.44 0.00	104.96 8.52 0.00	96.39 7.45 0.00	84.04 6.60 0.00	77.37 6.26 -3.58	60.24 5.37 0.00	74.00 7.22 0.00
GLOBE___DSASP 323697	45.50 -5.29 0.00	46.38 -5.51 0.00	59.39 -7.69 0.00	61.20 -7.78 0.00	69.69 -8.52 0.00	67.10 -7.73 0.00	49.66 -5.32 0.00	54.27 -6.80 -0.28	52.73 -5.83 0.00	79.52 -9.08 0.00	73.38 -7.26 0.00	50.41 -5.57 2.46	57.60 -5.48 0.00	57.70 -5.78 0.00	52.72 -5.06 0.00	51.04 -3.86 -0.86	72.91 -7.09 0.00	95.89 -10.45 0.00	87.29 -9.15 0.00	79.68 -9.26 0.00	69.14 -8.31 0.00	61.36 -6.79 -0.62	49.89 -4.98 0.00	61.35 -5.43 0.00
GOETHSLN___LBMP 323567	52.76 1.97 0.00	53.62 1.74 0.00	69.04 1.96 0.00	70.79 1.81 0.00	80.03 1.81 0.00	77.26 2.44 0.00	64.49 2.41 -7.11	68.63 3.24 -4.60	61.64 3.08 0.00	93.17 4.57 0.00	85.09 4.44 0.00	61.81 3.37 0.00	66.42 3.34 0.00	66.83 3.35 0.00	61.25 3.47 0.00	62.56 3.56 -4.96	84.59 4.59 0.00	111.16 6.60 1.78	102.50 6.06 0.00	94.28 5.34 0.00	82.09 4.64 0.00	75.02 3.91 -3.58	58.11 3.23 0.00	70.36 3.58 0.00
GOLAH___69_KV_TB 1_2 80279	48.22 -2.57 0.00	49.08 -2.81 0.00	63.04 -4.04 0.00	64.94 -4.05 0.00	73.94 -4.28 0.00	71.22 -3.61 0.00	52.88 -2.09 0.00	58.31 -2.72 -0.23	56.32 -2.23 0.00	84.61 -3.99 0.00	77.44 -3.21 0.00	53.99 -2.77 1.68	60.35 -2.74 0.00	60.54 -2.95 0.00	55.27 -2.50 0.00	53.27 -1.49 -0.72	77.25 -2.75 0.00	102.80 -3.54 0.00	93.66 -2.79 0.00	85.69 -3.24 0.00	74.32 -3.13 0.00	65.50 -2.55 -0.52	53.00 -1.88 0.00	64.69 -2.09 0.00

GOODYEAR_LAKE_HYD 323669	52.03 1.24 0.00	53.17 1.29 0.00	68.67 1.59 0.00	70.58 1.59 0.00	79.89 1.67 0.00	76.81 1.98 0.00	87.92 1.92 -31.02	75.48 2.24 -12.45	60.81 2.26 0.00	91.70 3.10 0.00	83.48 2.84 0.00	60.34 1.90 0.00	65.06 1.97 0.00	65.43 1.95 0.00	59.67 1.90 0.00	57.67 2.07 -1.56	83.32 3.31 0.00	111.40 5.06 0.00	101.34 4.89 0.00	93.29 4.35 0.00	81.21 3.77 0.00	71.92 3.26 -1.13	57.49 2.61 0.00	69.82 3.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.93 -0.87 0.00	50.90 -0.98 0.00	65.64 -1.44 0.00	67.55 -1.43 0.00	76.49 -1.72 0.00	73.38 -1.45 0.00	58.71 -0.52 -4.25	62.43 -0.43 -2.06	58.28 -0.28 0.00	87.60 -1.00 0.00	79.73 -0.91 0.00	56.02 -0.88 1.54	62.31 -0.78 0.00	62.58 -0.91 0.00	57.14 -0.63 0.00	55.43 -0.25 -1.65	79.49 -0.51 0.00	106.31 -0.02 0.00	96.75 0.31 0.00	88.93 0.00 0.00	77.33 -0.12 0.00	68.75 0.03 -1.19	54.90 0.02 0.00	66.71 -0.07 0.00
GOUDEY___7 23579	49.93 -0.87 0.00	50.90 -0.98 0.00	65.64 -1.44 0.00	67.55 -1.43 0.00	76.49 -1.72 0.00	73.38 -1.45 0.00	58.71 -0.52 -4.25	62.43 -0.43 -2.06	58.28 -0.28 0.00	87.60 -1.00 0.00	79.73 -0.91 0.00	56.02 -0.88 1.54	62.31 -0.78 0.00	62.58 -0.91 0.00	57.14 -0.63 0.00	55.43 -0.25 -1.65	79.49 -0.51 0.00	106.31 -0.02 0.00	96.75 0.31 0.00	88.93 0.00 0.00	77.33 -0.12 0.00	68.75 0.03 -1.19	54.90 0.02 0.00	66.71 -0.07 0.00
GOUDEY___8 23580	49.93 -0.87 0.00	50.90 -0.98 0.00	65.64 -1.44 0.00	67.55 -1.43 0.00	76.49 -1.72 0.00	73.38 -1.45 0.00	58.71 -0.52 -4.25	62.43 -0.43 -2.06	58.28 -0.28 0.00	87.60 -1.00 0.00	79.73 -0.91 0.00	56.02 -0.88 1.54	62.31 -0.78 0.00	62.58 -0.91 0.00	57.14 -0.63 0.00	55.43 -0.25 -1.65	79.49 -0.51 0.00	106.31 -0.02 0.00	96.75 0.31 0.00	88.93 0.00 0.00	77.33 -0.12 0.00	68.75 0.03 -1.19	54.90 0.02 0.00	66.71 -0.07 0.00
GOWANUS_GT1_1 24077	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT1_2 24078	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT1_3 24079	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT1_4 24080	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT1_5 24084	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT1_6 24111	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT1_7 24112	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT1_8 24113	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT2_1 24114	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT2_2 24115	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT2_3 24116	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46

GOWANUS_GT2_4 24117	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT2_5 24118	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT2_6 24119	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT2_7 24120	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT2_8 24121	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT3_1 24122	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT3_2 24123	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
GOWANUS_GT3_3 24124	63.22 2.81 -9.62	61.83 2.58																						

GOWANUS_GT4_3 24132	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT4_4 24133	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT4_5 24134	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT4_6 24135	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT4_7 24136	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GOWANUS_GT4_8 24137	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GREENBSH_115KV_TB3 55895	52.37 1.58 0.00	53.51 1.62 0.00	69.48 2.40 0.00	71.35 2.37 0.00	80.68 2.47 0.00	77.01 2.19 0.00	105.57 1.90 -48.69	80.60 2.36 -17.44	60.82 2.27 0.00	92.01 3.41 0.00	84.08 3.44 0.00	60.97 2.53 0.00	65.58 2.50 0.00	65.94 2.46 0.00	60.18 2.41 0.00	62.49 2.42 -6.04	83.12 3.11 0.00	109.94 3.61 0.00	99.70 3.26 0.00	91.83 2.90 0.00	79.95 2.51 0.00	74.12 2.23 -4.36	56.70 1.83 0.00	69.04 2.26 0.00
GREENIDGE_115KV_TB5 80291	49.11 -1.68 0.00	49.86 -2.03 0.00	63.65 -3.43 0.00	65.59 -3.40 0.00	74.56 -3.65 0.00	71.64 -3.19 0.00	56.26 -1.26 -2.54	60.61 -1.44 -1.26	57.52 -1.04 0.00	85.33 -3.27 0.00	77.56 -3.09 0.00	47.63 -2.34 8.47	60.60 -2.48 0.00	61.09 -2.40 0.00	55.79 -1.98 0.00	53.75 -1.35 -1.07	77.90 -2.10 0.00	104.35 -1.99 0.00	95.31 -1.14 0.00	87.59 -1.35 0.00	76.51 -0.94 0.00	67.76 -0.53 -0.77	54.64 -0.23 0.00	66.29 -0.49 0.00
GREENIDGE___3 23582	49.11 -1.68 0.00	49.86 -2.03 0.00	63.65 -3.43 0.00	65.59 -3.40 0.00	74.56 -3.65 0.00	71.64 -3.19 0.00	56.26 -1.26 -2.54	60.61 -1.44 -1.26	57.52 -1.04 0.00	85.33 -3.27 0.00	77.56 -3.09 0.00	47.63 -2.34 8.47	60.60 -2.48 0.00	61.09 -2.40 0.00	55.79 -1.98 0.00	53.75 -1.35 -1.07	77.90 -2.10 0.00	104.35 -1.99 0.00	95.31 -1.14 0.00	87.59 -1.35 0.00	76.51 -0.94 0.00	67.76 -0.53 -0.77	54.64 -0.23 0.00	66.29 -0.49 0.00
GREENIDGE___4 23583	49.11 -1.68 0.00	49.86 -2.02 0.00	63.64 -3.44 0.00	65.59 -3.40 0.00	74.56 -3.65 0.00	71.65 -3.18 0.00	56.25 -1.27 -2.54	60.63 -1.43 -1.26	57.52 -1.04 0.00	85.33 -3.27 0.00	77.56 -3.09 0.00	47.62 -2.36 8.47	60.61 -2.48 0.00	61.09 -2.39 0.00	55.79 -1.98 0.00	53.74 -1.36 -1.07	77.90 -2.10 0.00	104.33 -2.01 0.00	95.30 -1.14 0.00	87.58 -1.36 0.00	76.51 -0.93 0.00	67.77 -0.53 -0.77	54.64 -0.23 0.00	66.29 -0.49 0.00
GREENLWN_69_KV_BK 3 55738	53.92 3.13 0.00	54.83 2.95 0.00	70.62 3.53 0.00	72.42 3.44 0.00	82.02 3.80 0.00	94.05 4.19 -15.03	111.02 3.72 -52.33	70.74 4.58 -5.37	62.51 3.95 0.00	93.95 5.35 0.00	86.13 5.48 0.00	62.52 4.08 0.00	67.27 4.19 0.00	67.73 4.25 0.00	62.05 4.28 0.00	63.20 4.20 -4.96	85.85 5.84 0.00	114.66 8.32 0.00	104.11 7.66 0.00	95.89 6.95 0.00	83.51 6.06 0.00	76.32 5.21 -3.58	59.22 4.34 0.00	71.84 5.06 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46
GRISSOM___SOLAR 323813	53.73 2.94 0.00	54.90 3.01 0.00	70.87 3.79 0.00	72.86 3.87 0.00	82.56 4.35 0.00	79.35 4.52 0.00	161.99 3.76 -103.25	107.73 4.17 -42.77	61.64 3.08 0.00	91.10 2.50 0.00	83.44 2.80 0.00	60.43 1.99 0.00	65.03 1.95 0.00	65.05 1.57 0.00	59.63 1.86 0.00	63.51 2.76 -6.72	85.04 5.04 0.00	114.43 8.09 0.00	103.97 7.53 0.00	95.80 6.86 0.00	83.34 5.89 0.00	77.47 5.08 -4.86	58.93 4.06 0.00	71.59 4.81 0.00
GROVEVILLE___HYD 323602	53.53 2.74 0.00	54.48 2.59 0.00	70.26 3.18 0.00	72.12 3.13 0.00	81.59 3.37 0.00	78.61 3.78 0.00	67.61 3.39 -9.24	69.72 4.22 -4.70	62.48 3.92 0.00	94.27 5.68 0.00	86.03 5.39 0.00	62.32 3.89 0.00	66.99 3.90 0.00	67.38 3.90 0.00	61.64 3.87 0.00	63.05 4.03 -4.98	85.70 5.69 0.00	114.51 8.18 0.00	104.04 7.59 0.00	95.73 6.80 0.00	83.30 5.85 0.00	76.09 4.97 -3.60	58.88 4.00 0.00	71.39 4.61 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.52 -1.27 0.00	50.50 -1.38 0.00	65.15 -1.93 0.00	67.06 -1.93 0.00	76.06 -2.15 0.00	73.00 -1.83 0.00	54.06 -0.91 0.00	60.28 -0.71 -0.20	58.01 -0.55 0.00	87.26 -1.34 0.00	79.48 -1.16 0.00	57.37 -1.07 0.00	61.94 -1.15 0.00	62.26 -1.23 0.00	56.81 -0.96 0.00	54.17 -0.48 -0.61	79.30 -0.71 0.00	105.74 -0.60 0.00	96.18 -0.26 0.00	88.52 -0.42 0.00	76.92 -0.52 0.00	67.46 -0.51 -0.44	54.48 -0.40 0.00	66.19 -0.59 0.00

HAMLTNNY_34_KV_TB 80303	49.56 -1.23 0.00	50.54 -1.34 0.00	65.17 -1.91 0.00	67.08 -1.91 0.00	76.09 -2.12 0.00	73.06 -1.77 0.00	54.10 -0.88 0.00	60.09 -0.91 -0.21	57.88 -0.68 0.00	87.03 -1.57 0.00	79.25 -1.39 0.00	57.18 -1.26 0.00	61.69 -1.39 0.00	62.10 -1.38 0.00	56.66 -1.11 0.00	54.05 -0.63 -0.64	79.05 -0.95 0.00	105.39 -0.95 0.00	95.86 -0.58 0.00	88.17 -0.76 0.00	76.67 -0.78 0.00	67.24 -0.75 -0.46	54.31 -0.56 0.00	65.98 -0.80 0.00
HAMPSHIRE___PAPER_HYD 323593	50.51 -0.28 0.00	51.76 -0.13 0.00	66.98 -0.10 0.00	69.65 0.67 0.00	79.84 1.63 0.00	76.67 1.84 0.00	55.72 0.74 0.00	61.79 0.94 -0.05	59.38 0.83 0.00	88.73 0.13 0.00	80.13 -0.52 0.00	57.65 -0.79 0.00	62.55 -0.53 0.00	63.15 -0.34 0.00	56.76 -1.01 0.00	52.68 -1.51 -0.16	78.57 -1.44 0.00	105.65 -0.68 0.00	96.45 0.00 0.00	89.59 0.65 0.00	78.06 0.62 0.00	68.56 0.92 -0.12	55.86 0.99 0.00	68.19 1.41 0.00
HARDSCRABBLE_WT_PWR 323673	52.09 1.30 0.00	53.16 1.27 0.00	68.79 1.71 0.00	70.59 1.60 0.00	79.77 1.56 0.00	76.60 1.77 0.00	57.10 2.13 0.00	63.51 2.71 0.00	60.45 1.90 0.00	90.32 1.72 0.00	82.96 2.32 0.00	60.18 1.74 0.00	64.53 1.44 0.00	64.52 1.04 0.00	59.06 1.29 0.00	55.93 1.89 0.00	82.80 2.79 0.00	110.84 4.51 0.00	100.78 4.33 0.00	92.93 3.99 0.00	80.93 3.48 0.00	70.61 3.08 0.00	57.40 2.52 0.00	69.56 2.78 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.93 2.14 0.00	53.85 1.96 0.00	69.44 2.36 0.00	71.27 2.28 0.00	80.61 2.40 0.00	77.69 2.86 0.00	65.99 2.66 -8.36	68.51 3.40 -4.31	61.69 3.14 0.00	93.22 4.62 0.00	85.04 4.39 0.00	61.58 3.14 0.00	66.23 3.14 0.00	66.65 3.16 0.00	60.97 3.20 0.00	62.13 3.42 -4.67	84.75 4.74 0.00	113.18 6.84 0.00	102.74 6.30 0.00	94.58 5.64 0.00	82.36 4.92 0.00	75.00 4.10 -3.37	58.19 3.31 0.00	70.60 3.82 0.00
HARSNRAD_115KV_TB1 81005	46.25 -4.54 0.00	46.99 -4.90 0.00	60.16 -6.92 0.00	61.99 -6.99 0.00	70.63 -7.58 0.00	68.06 -6.77 0.00	50.42 -4.56 0.00	55.25 -5.82 -0.27	53.62 -4.93 0.00	80.60 -8.00 0.00	74.35 -6.30 0.00	51.13 -4.88 2.43	58.24 -4.84 0.00	58.35 -5.14 0.00	53.35 -4.42 0.00	51.71 -3.18 -0.85	74.07 -5.94 0.00	98.15 -8.18 0.00	89.42 -7.02 0.00	81.66 -7.28 0.00	70.85 -6.60 0.00	62.82 -5.32 -0.61	51.01 -3.87 0.00	62.63 -4.15 0.00
HARZA MOOSE___RIVER 24016	50.98 0.19 0.00	52.24 0.35 0.00	67.51 0.43 0.00	70.42 1.43 0.00	80.26 2.05 0.00	77.35 2.52 0.00	56.69 1.71 0.00	62.97 2.11 -0.06	60.57 2.02 0.00	90.14 1.54 0.00	81.77 1.12 0.00	58.86 0.42 0.00	63.74 0.66 0.00	64.25 0.77 0.00	58.26 0.49 0.00	54.73 0.49 -0.20	81.31 1.30 0.00	109.48 3.14 0.00	99.97 3.53 0.00	92.66 3.72 0.00	80.42 2.97 0.00	70.34 2.67 -0.14	57.16 2.28 0.00	69.55 2.76 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	49.06 -1.73 0.00	50.04 -1.84 0.00	64.56 -2.52 0.00	66.46 -2.53 0.00	75.35 -2.86 0.00	72.32 -2.51 0.00	53.55 -1.42 0.00	59.48 -1.49 -0.18	57.24 -1.32 0.00	86.20 -2.40 0.00	78.59 -2.05 0.00	56.77 -1.67 0.00	61.31 -1.78 0.00	61.60 -1.88 0.00	56.21 -1.56 0.00	53.54 -1.06 -0.56	78.34 -1.66 0.00	104.44 -1.89 0.00	94.94 -1.50 0.00	87.34 -1.60 0.00	75.91 -1.54 0.00	66.57 -1.37 -0.41	53.77 -1.10 0.00	65.35 -1.43 0.00
HELLGATE_13_KV_LD 55870	53.29 2.50 0.00	54.15 2.27 0.00	69.71 2.63 0.00	71.51 2.53 0.00	80.80 2.58 0.00	78.00 3.17 0.00	66.88 2.97 -8.93	69.33 3.93 -4.60	62.36 3.80 0.00	94.18 5.58 0.00	86.05 5.41 0.00	62.52 4.07 0.00	67.17 4.09 0.00	67.54 4.05 0.00	61.86 4.09 0.00	63.13 4.13 -4.96	85.42 5.42 0.00	114.12 7.78 0.00	103.56 7.12 0.00	95.27 6.33 0.00	82.91 5.47 0.00	75.74 4.63 -3.58	58.67 3.80 0.00	71.13 4.34 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.29 2.50 0.00	54.15 2.27 0.00	69.71 2.63 0.00	71.51 2.53 0.00	80.80 2.58 0.00	78.00 3.17 0.00	66.88 2.97 -8.93	69.33 3.93 -4.60	62.36 3.80 0.00	94.18 5.58 0.00	86.05 5.41 0.00	62.52 4.07 0.00	67.17 4.09 0.00	67.54 4.05 0.00	61.86 4.09 0.00	63.13 4.13 -4.96	85.42 5.42 0.00	114.12 7.78 0.00	103.56 7.12 0.00	95.27 6.33 0.00	82.91 5.47 0.00	75.74 4.63 -3.58	58.67 3.80 0.00	71.13 4.34 0.00
HEMPSTEAD____ 23647	53.71 2.92 0.00	54.60 2.71 0.00	70.31 3.23 0.00	72.11 3.13 0.00	81.65 3.44 0.00	93.79 3.94 -15.03	110.81 3.52 -52.33	70.54 4.38 -5.37	62.43 3.87 0.00	93.90 5.30 0.00	85.93 5.29 0.00	62.42 3.98 0.00	67.15 4.06 0.00	67.50 4.01 0.00	61.84 4.08 0.00	63.10 4.11 -4.96	85.81 5.81 0.00	114.59 8.25 0.00	104.00 7.55 0.00	95.75 6.82 0.00	83.34 5.89 0.00	76.10 4.99 -3.58	58.97 4.10 0.00	71.50 4.72 0.00
HEWLETT_69_KV_BK3 55828	54.10 3.31 0.00	55.00 3.12 0.00	70.82 3.74 0.00	72.64 3.65 0.00	82.25 4.03 0.00	94.36 4.51 -15.03	111.28 3.98 -52.33	71.02 4.86 -5.37	62.88 4.33 0.00	94.67 6.07 0.00	86.70 6.05 0.00	62.92 4.48 0.00	67.62 4.53 0.00	67.94 4.45 0.00	62.38 4.61 0.00	63.60 4.61 -4.96	86.54 6.53 0.00	115.50 9.17 0.00	104.88 8.43 0.00	96.51 7.58 0.00	83.96 6.51 0.00	76.64 5.53 -3.58	59.44 4.56 0.00	72.04 5.26 0.00
HICKLING___1 23621	48.72 -2.07 0.00	49.48 -2.41 0.00	63.50 -3.58 0.00	65.42 -3.56 0.00	74.22 -4.00 0.00	71.24 -3.59 0.00	56.32 -1.82 -3.17	60.54 -1.82 -1.56	57.05 -1.51 0.00	85.29 -3.31 0.00	77.40 -3.24 0.00	47.93 -2.71 7.80	60.58 -2.51 0.00	60.93 -2.55 0.00	55.64 -2.13 0.00	53.98 -1.39 -1.33	77.85 -2.15 0.00	104.80 -1.53 0.00	95.62 -0.82 0.00	87.76 -1.17 0.00	76.25 -1.20 0.00	67.70 -0.78 -0.96	54.24 -0.64 0.00	65.82 -0.96 0.00
HICKLING___2 23622	48.72 -2.07 0.00	49.48 -2.41 0.00	63.50 -3.58 0.00	65.42 -3.56 0.00	74.22 -4.00 0.00	71.24 -3.59 0.00	56.32 -1.82 -3.17	60.54 -1.82 -1.56	57.05 -1.51 0.00	85.29 -3.31 0.00	77.40 -3.24 0.00	47.93 -2.71 7.80	60.58 -2.51 0.00	60.93 -2.55 0.00	55.64 -2.13 0.00	53.98 -1.39 -1.33	77.85 -2.15 0.00	104.80 -1.53 0.00	95.62 -0.82 0.00	87.76 -1.17 0.00	76.25 -1.20 0.00	67.70 -0.78 -0.96	54.24 -0.64 0.00	65.82 -0.96 0.00
HIGH FALLS___HY 23754	53.37 2.58 0.00	54.30 2.41 0.00	69.98 2.90 0.00	71.83 2.84 0.00	81.29 3.08 0.00	78.44 3.61 0.00	70.97 3.33 -12.67	70.68 4.17 -5.72	62.36 3.80 0.00	93.85 5.25 0.00	85.29 4.64 0.00	61.91 3.46 0.00	66.35 3.27 0.00	66.83 3.35 0.00	61.01 3.24 0.00	62.54 3.55 -4.96	85.32 5.31 0.00	114.67 8.34 0.00	104.33 7.89 0.00	96.00 7.07 0.00	83.57 6.12 0.00	76.25 5.15 -3.58	59.00 4.12 0.00	71.46 4.68 0.00
HIGH_RIVER___SOLAR 323847	52.93 2.14 0.00	54.08 2.19 0.00	69.90 2.82 0.00	71.88 2.89 0.00	81.37 3.16 0.00	78.14 3.31 0.00	165.93 3.04 -107.92	108.11 3.72 -43.59	61.28 2.72 0.00	90.98 2.38 0.00	84.59 3.95 0.00	61.51 3.07 0.00	65.62 2.54 0.00	65.47 1.98 0.00	60.05 2.28 0.00	63.67 3.16 -6.47	83.91 3.90 0.00	112.17 5.83 0.00	101.87 5.43 0.00	93.85 4.92 0.00	81.68 4.23 0.00	75.88 3.66 -4.70	57.80 2.92 0.00	70.22 3.44 0.00

HILLBURN___GT 23639	52.70 1.91 0.00	53.59 1.70 0.00	69.10 2.02 0.00	70.86 1.87 0.00	80.17 1.96 0.00	77.29 2.47 0.00	65.82 2.37 -8.47	68.31 3.14 -4.37	61.44 2.88 0.00	92.92 4.32 0.00	84.80 4.15 0.00	61.40 2.96 0.00	66.03 2.95 0.00	66.46 2.97 0.00	60.81 3.04 0.00	62.01 3.24 -4.73	84.37 4.36 0.00	112.60 6.26 0.00	102.24 5.80 0.00	94.12 5.18 0.00	81.99 4.54 0.00	74.70 3.76 -3.41	57.93 3.06 0.00	70.31 3.53 0.00
HILLSIDE_115KV_TB1 80332	48.40 -2.39 0.00	49.23 -2.65 0.00	63.29 -3.79 0.00	65.20 -3.78 0.00	73.87 -4.35 0.00	70.84 -3.99 0.00	56.09 -2.16 -3.28	60.23 -2.18 -1.61	56.66 -1.89 0.00	84.89 -3.71 0.00	77.13 -3.51 0.00	48.22 -2.90 7.32	60.33 -2.75 0.00	60.61 -2.87 0.00	55.39 -2.38 0.00	53.59 -1.82 -1.37	77.02 -2.98 0.00	103.40 -2.94 0.00	94.22 -2.22 0.00	86.53 -2.41 0.00	75.18 -2.26 0.00	66.80 -1.71 -0.99	53.48 -1.40 0.00	64.96 -1.82 0.00
HISHELDN_WT_PWR 323625	46.41 -4.38 0.00	46.88 -5.01 0.00	60.05 -7.03 0.00	61.91 -7.07 0.00	70.44 -7.78 0.00	67.82 -7.01 0.00	52.11 -4.49 -1.63	55.86 -5.25 -0.32	53.93 -4.62 0.00	80.46 -8.14 0.00	73.87 -6.77 0.00	49.68 -5.16 3.60	58.01 -5.08 0.00	58.31 -5.17 0.00	53.38 -4.39 0.00	52.04 -2.97 -0.98	75.16 -4.85 0.00	100.65 -5.69 0.00	92.00 -4.44 0.00	84.15 -4.79 0.00	73.00 -4.44 0.00	64.73 -3.51 -0.71	52.27 -2.60 0.00	63.70 -3.09 0.00
HOLTSVILLE_IC_1 23690	54.33 3.54 0.00	55.26 3.37 0.00	71.16 4.08 0.00	72.97 3.98 0.00	82.67 4.45 0.00	94.72 4.86 -15.03	111.67 4.37 -52.33	71.51 5.35 -5.37	63.18 4.62 0.00	94.50 5.90 0.00	86.12 5.47 0.00	62.58 4.13 0.00	67.47 4.39 0.00	67.94 4.46 0.00	62.20 4.43 0.00	63.40 4.40 -4.96	86.36 6.35 0.00	115.76 9.43 0.00	104.93 8.48 0.00	96.52 7.58 0.00	84.00 6.55 0.00	76.80 5.70 -3.58	59.63 4.75 0.00	72.42 5.64 0.00
HOLTSVILLE_IC_10 23699	54.63 3.83 0.00	55.55 3.67 0.00	71.52 4.44 0.00	73.37 4.38 0.00	83.13 4.91 0.00	95.18 5.32 -15.03	112.05 4.74 -52.33	71.96 5.79 -5.37	63.57 5.02 0.00	94.91 6.31 0.00	86.38 5.74 0.00	62.88 4.44 0.00	67.78 4.69 0.00	68.26 4.78 0.00	62.51 4.74 0.00	63.69 4.69 -4.96	86.87 6.86 0.00	116.57 10.24 0.00	105.66 9.21 0.00	97.16 8.23 0.00	84.52 7.07 0.00	77.26 6.15 -3.58	59.98 5.11 0.00	72.85 6.06 0.00
HOLTSVILLE_IC_2 23691	54.33 3.54 0.00	55.26 3.37 0.00	71.16 4.08 0.00	72.97 3.98 0.00	82.67 4.45 0.00	94.72 4.86 -15.03	111.67 4.37 -52.33	71.51 5.35 -5.37	63.18 4.62 0.00	94.50 5.90 0.00	86.12 5.47 0.00	62.58 4.13 0.00	67.47 4.39 0.00	67.94 4.46 0.00	62.20 4.43 0.00	63.40 4.40 -4.96	86.36 6.35 0.00	115.76 9.43 0.00	104.93 8.48 0.00	96.52 7.58 0.00	84.00 6.55 0.00	76.80 5.70 -3.58	59.63 4.75 0.00	72.42 5.64 0.00
HOLTSVILLE_IC_3 23692	54.33 3.54 0.00	55.26 3.37 0.00	71.16 4.08 0.00	72.97 3.98 0.00	82.67 4.45 0.00	94.72 4.86 -15.03	111.67 4.37 -52.33	71.51 5.35 -5.37	63.18 4.62 0.00	94.50 5.90 0.00	86.12 5.47 0.00	62.58 4.13 0.00	67.47 4.39 0.00	67.94 4.46 0.00	62.20 4.43 0.00	63.40 4.40 -4.96	86.36 6.35 0.00	115.76 9.43 0.00	104.93 8.48 0.00	96.52 7.58 0.00	84.00 6.55 0.00	76.80 5.70 -3.58	59.63 4.75 0.00	72.42 5.64 0.00
HOLTSVILLE_IC_4 23693	54.33 3.54 0.00	55.26 3.37 0.00	71.16 4.08 0.00	72.97 3.98 0.00	82.67 4.45 0.00	94.72 4.86 -15.03	111.67 4.37 -52.33	71.51 5.35 -5.37	63.18 4.62 0.00	94.50 5.90 0.00	86.12 5.47 0.00	62.58 4.13 0.00	67.47 4.39 0.00	67.94 4.46 0.00	62.20 4.43 0.00	63.40 4.40 -4.96	86.36 6.35 0.00	115.76 9.43 0.00	104.93 8.48 0.00	96.52 7.58 0.00	84.00 6.55 0.00	76.80 5.70 -3.58	59.63 4.75 0.00	72.42 5.64 0.00
HOLTSVILLE_IC_5 23694	54.33 3.54 0.00	55.26 3.37 0.00	71.16 4.08 0.00	72.97 3.98 0.00	82.67 4.45 0.00	94.72 4.86 -15.03	111.67 4.37 -52.33	71.51 5.35 -5.37	63.18 4.62 0.00	94.50 5.90 0.00	86.12 5.47 0.00	62.58 4.13 0.00	67.47 4.39 0.00	67.94 4.46 0.00	62.20 4.43 0.00	63.40 4.40 -4.96	86.36 6.35 0.00	115.76 9.43 0.00	104.93 8.48 0.00	96.52 7.58 0.00	84.00 6.55 0.00	76.80 5.70 -3.58	59.63 4.75 0.00	72.42 5.64 0.00
HOLTSVILLE_IC_6 23695	54.63 3.83 0.00	55.55 3.67 0.00	71.52 4.44 0.00	73.37 4.38 0.00	83.13 4.91 0.00	95.18 5.32 -15.03	112.05 4.74 -52.33	71.96 5.79 -5.37	63.57 5.02 0.00	94.91 6.31 0.00	86.38 5.74 0.00	62.88 4.44 0.00	67.78 4.69 0.00	68.26 4.78 0.00	62.51 4.74 0.00	63.69 4.69 -4.96	86.87 6.86 0.00	116.57 10.24 0.00	105.66 9.21 0.00	97.16 8.23 0.00	84.52 7.07 0.00	77.26 6.15 -3.58	59.98 5.11 0.00	72.85 6.06 0.00
HOLTSVILLE_IC_7 23696	54.63 3.83 0.00	55.55 3.67 0.00	71.52 4.44 0.00	73.37 4.38 0.00	83.13 4.91 0.00	95.18 5.32 -15.03	112.05 4.74 -52.33	71.96 5.79 -5.37	63.57 5.02 0.00	94.91 6.31 0.00	86.38 5.74 0.00	62.88 4.44 0.00	67.78 4.69 0.00	68.26 4.78 0.00	62.51 4.74 0.00	63.69 4.69 -4.96	86.87 6.86 0.00	116.57 10.24 0.00	105.66 9.21 0.00	97.16 8.23 0.00	84.52 7.07 0.00	77.26 6.15 -3.58	59.98 5.11 0.00	72.85 6.06 0.00
HOLTSVILLE_IC_8 23697	54.63 3.83 0.00	55.55 3.67 0.00	71.52 4.44 0.00	73.37 4.38 0.00	83.13 4.91 0.00	95.18 5.32 -15.03	112.05 4.74 -52.33	71.96 5.79 -5.37	63.57 5.02 0.00	94.91 6.31 0.00	86.38 5.74 0.00	62.88 4.44 0.00	67.78 4.69 0.00	68.26 4.78 0.00	62.51 4.74 0.00	63.69 4.69 -4.96	86.87 6.86 0.00	116.57 10.24 0.00	105.66 9.21 0.00	97.16 8.23 0.00	84.52 7.07 0.00	77.26 6.15 -3.58	59.98 5.11 0.00	72.85 6.06 0.00
HOLTSVILLE_IC_9 23698	54.63 3.83 0.00	55.55 3.67 0.00	71.52 4.44 0.00	73.37 4.38 0.00	83.13 4.91 0.00	95.18 5.32 -15.03	112.05 4.74 -52.33	71.96 5.79 -5.37	63.57 5.02 0.00	94.91 6.31 0.00	86.38 5.74 0.00	62.88 4.44 0.00	67.78 4.69 0.00	68.26 4.78 0.00	62.51 4.74 0.00	63.69 4.69 -4.96	86.87 6.86 0.00	116.57 10.24 0.00	105.66 9.21 0.00	97.16 8.23 0.00	84.52 7.07 0.00	77.26 6.15 -3.58	59.98 5.11 0.00	72.85 6.06 0.00
HOMER_HL_115KV_TB2 355744	48.86 -1.93 0.00	49.63 -2.26 0.00	63.80 -3.28 0.00	65.71 -3.28 0.00	74.62 -3.60 0.00	71.38 -3.45 0.00	54.78 -1.86 -1.66	58.96 -2.16 -0.33	56.88 -1.67 0.00	85.65 -2.95 0.00	78.48 -2.17 0.00	53.49 -1.82 3.14	61.65 -1.44 0.00	61.75 -1.73 0.00	56.27 -1.50 0.00	54.01 -1.05 -1.02	77.01 -2.99 0.00	102.37 -3.96 0.00	93.29 -3.15 0.00	85.34 -3.60 0.00	74.10 -3.35 0.00	65.77 -2.50 -0.74	53.36 -1.51 0.00	65.07 -1.71 0.00
HOWARD_WT_PWR 323690	46.83 -3.96 0.00	46.85 -5.03 0.00	59.26 -7.82 0.00	61.28 -7.70 0.00	70.13 -8.08 0.00	66.72 -8.10 0.00	52.50 -5.19 -2.73	57.03 -5.12 -1.35	54.05 -4.51 0.00	79.98 -8.63 0.00	72.41 -8.23 0.00	43.86 -6.16 8.41	57.48 -5.61 0.00	58.73 -4.76 0.00	53.67 -4.10 0.00	52.56 -2.60 -1.12	76.86 -3.15 0.00	104.87 -1.46 0.00	96.33 -0.11 0.00	88.34 -0.60 0.00	76.71 -0.74 0.00	68.03 -0.31 -0.81	54.58 -0.30 0.00	65.83 -0.95 0.00

HQ_GEN_CEDARS 23644	51.20 0.41 0.00	52.37 0.49 0.00	67.96 0.88 0.00	69.68 0.69 0.00	79.82 1.61 0.00	76.11 1.28 0.00	55.16 0.18 0.00	60.61 -0.19 0.00	58.43 -0.13 0.00	88.94 0.34 0.00	80.42 -0.22 0.00	58.10 -0.34 0.00	62.86 -0.22 0.00	63.33 -0.15 0.00	57.16 -0.61 0.00	52.84 -1.19 0.00	78.71 -1.29 0.00	104.25 -2.09 0.00	94.28 -2.17 0.00	87.26 -1.68 0.00	76.25 -1.20 0.00	66.75 -0.78 0.00	54.33 -0.54 0.00	66.44 -0.34 0.00
HQ_GEN_CEDARS_PROXY 323590	51.20 0.41 0.00	52.37 0.49 0.00	67.96 0.88 0.00	69.68 0.69 0.00	79.82 1.61 0.00	76.11 1.28 0.00	55.16 0.18 0.00	60.61 -0.19 0.00	63.24 -0.13 -4.81	99.31 0.34 -10.36	80.43 -0.22 0.00	58.10 -0.34 0.00	62.86 -0.22 0.00	63.33 -0.15 0.00	82.93 -0.61 -25.77	55.07 -1.20 -2.23	78.71 -1.29 0.00	104.25 -2.09 0.00	94.28 -2.17 0.00	87.26 -1.68 0.00	76.25 -1.20 0.00	66.75 -0.78 0.00	54.33 -0.54 0.00	66.44 -0.34 0.00
HQ_GEN_IMPORT 323601	50.97 0.18 0.00	52.14 0.25 0.00	67.44 0.36 0.00	69.38 0.40 0.00	78.88 0.67 0.00	75.15 0.32 0.00	41.56 -0.41 13.01	60.09 -0.70 0.00	57.39 -0.65 0.52	95.45 -0.41 -7.27	79.98 -0.67 0.00	58.02 -0.42 0.00	62.76 -0.32 0.00	63.25 -0.24 0.00	57.22 -0.55 0.00	32.64 -1.02 20.38	78.76 -1.25 0.00	104.30 -2.04 0.00	94.35 -2.10 0.00	87.23 -1.71 0.00	76.08 -1.37 0.00	66.38 -1.15 0.00	53.93 -0.94 0.00	65.83 -0.95 0.00
HQ_GEN_WHEEL 23651	50.97 0.18 0.00	52.14 0.25 0.00	67.44 0.36 0.00	69.38 0.40 0.00	78.88 0.67 0.00	75.15 0.32 0.00	41.56 -0.41 13.01	60.09 -0.70 0.00	57.39 -0.65 0.52	95.45 -0.41 -7.27	79.98 -0.67 0.00	58.02 -0.42 0.00	62.76 -0.32 0.00	63.25 -0.24 0.00	57.22 -0.55 0.00	32.64 -1.02 20.38	78.76 -1.25 0.00	104.30 -2.04 0.00	94.35 -2.10 0.00	87.23 -1.71 0.00	76.08 -1.37 0.00	66.38 -1.15 0.00	53.93 -0.94 0.00	65.83 -0.95 0.00
HUDSON AVE_GT_3 23810	53.19 2.40 0.00	54.06 2.17 0.00	69.64 2.55 0.00	71.43 2.44 0.00	80.71 2.50 0.00	77.93 3.10 0.00	66.78 2.89 -8.93	69.19 3.80 -4.60	62.19 3.64 0.00	94.00 5.40 0.00	85.87 5.22 0.00	62.35 3.91 0.00	67.02 3.94 0.00	67.43 3.95 0.00	61.77 4.00 0.00	63.07 4.07 -4.96	85.38 5.37 0.00	113.95 7.62 0.00	103.43 6.99 0.00	95.13 6.19 0.00	82.81 5.37 0.00	75.66 4.55 -3.58	58.61 3.73 0.00	70.97 4.19 0.00
HUDSON AVE_GT_4 23540	53.19 2.40 0.00	54.06 2.17 0.00	69.64 2.55 0.00	71.43 2.44 0.00	80.71 2.50 0.00	77.93 3.10 0.00	66.78 2.89 -8.93	69.19 3.80 -4.60	62.19 3.64 0.00	94.00 5.40 0.00	85.87 5.22 0.00	62.35 3.91 0.00	67.02 3.94 0.00	67.43 3.95 0.00	61.77 4.00 0.00	63.07 4.07 -4.96	85.38 5.37 0.00	113.95 7.62 0.00	103.43 6.99 0.00	95.13 6.19 0.00	82.81 5.37 0.00	75.66 4.55 -3.58	58.61 3.73 0.00	70.97 4.19 0.00
HUDSON AVE_GT_5 23657	53.19 2.40 0.00	54.06 2.17 0.00	69.64 2.55 0.00	71.43 2.44 0.00	80.71 2.50 0.00	77.93 3.10 0.00	66.78 2.89 -8.93	69.19 3.80 -4.60	62.19 3.64 0.00	94.00 5.40 0.00	85.87 5.22 0.00	62.35 3.91 0.00	67.02 3.94 0.00	67.43 3.95 0.00	61.77 4.00 0.00	63.07 4.07 -4.96	85.38 5.37 0.00	113.95 7.62 0.00	103.43 6.99 0.00	95.13 6.19 0.00	82.81 5.37 0.00	75.66 4.55 -3.58	58.61 3.73 0.00	70.97 4.19 0.00
HUDSON_AVE_10 24168	53.06 2.27 0.00	53.97 2.08 0.00	69.62 2.54 0.00	71.41 2.42 0.00	80.70 2.48 0.00	77.89 3.06 0.00	66.64 2.74 -8.93	69.02 3.62 -4.60	62.01 3.45 0.00	93.70 5.10 0.00	85.56 4.91 0.00	62.12 3.68 0.00	66.78 3.69 0.00	67.20 3.71 0.00	61.57 3.80 0.00	62.87 3.87 -4.96	85.08 5.07 0.00	113.58 7.25 0.00	103.13 6.68 0.00	94.85 5.92 0.00	82.57 5.13 0.00	75.46 4.34 -3.58	58.43 3.55 0.00	70.75 3.96 0.00
HUDSON___115KV_TB 4 355613	53.99 3.21 0.00	55.15 3.26 0.00	71.59 4.51 0.00	73.58 4.60 0.00	83.19 4.98 0.00	79.42 4.60 0.00	98.74 3.63 -40.13	79.61 4.27 -14.55	62.54 3.98 0.00	94.23 5.63 0.00	86.02 5.37 0.00	62.28 3.84 0.00	66.74 3.65 0.00	67.06 3.58 0.00	61.25 3.47 0.00	63.34 3.40 -5.91	85.08 5.07 0.00	113.11 6.77 0.00	102.67 6.23 0.00	94.50 5.57 0.00	82.19 4.74 0.00	75.90 4.11 -4.27	58.19 3.32 0.00	71.00 4.22 0.00
HUNTER MOUNT___DRP 323613	54.38 3.59 0.00	55.56 3.68 0.00	72.13 5.05 0.00	74.16 5.18 0.00	83.88 5.67 0.00	80.14 5.31 0.00	93.28 4.13 -34.17	78.23 4.86 -12.57	63.13 4.57 0.00	95.10 6.50 0.00	86.75 6.10 0.00	62.73 4.30 0.00	67.24 4.16 0.00	67.53 4.05 0.00	61.69 3.92 0.00	63.71 3.90 -5.77	85.95 5.95 0.00	114.30 7.97 0.00	103.78 7.34 0.00	95.48 6.55 0.00	83.00 5.56 0.00	76.52 4.83 -4.17	58.73 3.85 0.00	71.55 4.77 0.00
HUNTINGTON_RES_REC 323705	54.26 3.47 0.00	55.15 3.27 0.00	71.02 3.94 0.00	72.84 3.85 0.00	82.50 4.29 0.00	94.56 4.71 -15.03	111.51 4.20 -52.33	71.30 5.13 -5.37	62.99 4.43 0.00	94.39 5.79 0.00	86.26 5.61 0.00	62.64 4.20 0.00	67.43 4.35 0.00	67.92 4.44 0.00	62.21 4.44 0.00	63.41 4.41 -4.96	86.32 6.31 0.00	115.62 9.28 0.00	104.95 8.51 0.00	96.57 7.63 0.00	84.05 6.60 0.00	76.80 5.69 -3.58	59.60 4.72 0.00	72.32 5.54 0.00
HUNTLEY___63 23557	46.68 -4.11 0.00	47.45 -4.43 0.00	60.79 -6.29 0.00	62.64 -6.34 0.00	71.32 -6.90 0.00	68.73 -6.09 0.00	50.95 -4.02 0.00	55.87 -5.21 -0.28	54.23 -4.33 0.00	81.56 -7.04 0.00	75.21 -5.44 0.00	51.62 -4.26 2.56	58.94 -4.14 0.00	59.05 -4.43 0.00	53.98 -3.79 0.00	52.33 -2.58 -0.88	74.94 -5.07 0.00	99.16 -7.17 0.00	90.32 -6.12 0.00	82.49 -6.45 0.00	71.52 -5.92 0.00	63.42 -4.74 -0.63	51.44 -3.43 0.00	63.10 -3.68 0.00
HUNTLEY___64 23558	46.68 -4.11 0.00	47.45 -4.43 0.00	60.79 -6.29 0.00	62.64 -6.34 0.00	71.32 -6.90 0.00	68.73 -6.09 0.00	50.95 -4.02 0.00	55.87 -5.21 -0.28	54.23 -4.33 0.00	81.56 -7.04 0.00	75.21 -5.44 0.00	51.62 -4.26 2.56	58.94 -4.14 0.00	59.05 -4.43 0.00	53.98 -3.79 0.00	52.33 -2.58 -0.88	74.94 -5.07 0.00	99.16 -7.17 0.00	90.32 -6.12 0.00	82.49 -6.45 0.00	71.52 -5.92 0.00	63.42 -4.74 -0.63	51.44 -3.43 0.00	63.10 -3.68 0.00
HUNTLEY___65 23559	46.68 -4.11 0.00	47.45 -4.43 0.00	60.79 -6.29 0.00	62.64 -6.34 0.00	71.32 -6.90 0.00	68.73 -6.09 0.00	50.95 -4.02 0.00	55.87 -5.21 -0.28	54.23 -4.33 0.00	81.56 -7.04 0.00	75.21 -5.44 0.00	51.62 -4.26 2.56	58.94 -4.14 0.00	59.05 -4.43 0.00	53.98 -3.79 0.00	52.33 -2.58 -0.88	74.94 -5.07 0.00	99.16 -7.17 0.00	90.32 -6.12 0.00	82.49 -6.45 0.00	71.52 -5.92 0.00	63.42 -4.74 -0.63	51.44 -3.43 0.00	63.10 -3.68 0.00
HUNTLEY___66 23560	46.68 -4.11 0.00	47.45 -4.43 0.00	60.79 -6.29 0.00	62.64 -6.34 0.00	71.32 -6.90 0.00	68.73 -6.09 0.00	50.95 -4.02 0.00	55.87 -5.21 -0.28	54.23 -4.33 0.00	81.56 -7.04 0.00	75.21 -5.44 0.00	51.62 -4.26 2.56	58.94 -4.14 0.00	59.05 -4.43 0.00	53.98 -3.79 0.00	52.33 -2.58 -0.88	74.94 -5.07 0.00	99.16 -7.17 0.00	90.32 -6.12 0.00	82.49 -6.45 0.00	71.52 -5.92 0.00	63.42 -4.74 -0.63	51.44 -3.43 0.00	63.10 -3.68 0.00

HUNTLEY___67 23561	46.40 -4.39 0.00	47.15 -4.74 0.00	60.40 -6.68 0.00	62.26 -6.72 0.00	70.88 -7.33 0.00	68.26 -6.57 0.00	50.62 -4.35 0.00	55.55 -5.53 -0.29	53.89 -4.66 0.00	81.11 -7.49 0.00	74.81 -5.84 0.00	51.21 -4.57 2.66	58.64 -4.44 0.00	58.77 -4.71 0.00	53.70 -4.07 0.00	52.08 -2.84 -0.89	74.60 -5.40 0.00	98.84 -7.50 0.00	90.03 -6.41 0.00	82.25 -6.69 0.00	71.31 -6.14 0.00	63.25 -4.92 -0.64	51.30 -3.58 0.00	62.91 -3.88 0.00
HUNTLEY___68 23562	46.40 -4.39 0.00	47.15 -4.74 0.00	60.40 -6.68 0.00	62.26 -6.72 0.00	70.88 -7.33 0.00	68.26 -6.57 0.00	50.62 -4.35 0.00	55.55 -5.53 -0.29	53.89 -4.66 0.00	81.11 -7.49 0.00	74.81 -5.84 0.00	51.21 -4.57 2.66	58.64 -4.44 0.00	58.77 -4.71 0.00	53.70 -4.07 0.00	52.08 -2.84 -0.89	74.60 -5.40 0.00	98.84 -7.50 0.00	90.03 -6.41 0.00	82.25 -6.69 0.00	71.31 -6.14 0.00	63.25 -4.92 -0.64	51.30 -3.58 0.00	62.91 -3.88 0.00
HYLAND___LFGE 323620	50.18 -0.61 0.00	50.80 -1.08 0.00	64.95 -2.13 0.00	66.97 -2.01 0.00	76.40 -1.81 0.00	73.69 -1.14 0.00	55.12 0.14 0.00	61.43 0.32 -0.31	59.01 0.46 0.00	87.82 -0.79 0.00	79.45 -1.20 0.00	52.50 -1.59 4.35	61.75 -1.33 0.00	62.08 -1.40 0.00	55.63 -2.14 0.00	54.01 -0.98 -0.95	78.11 -1.90 0.00	105.63 -0.71 0.00	97.14 0.69 0.00	88.80 -0.14 0.00	76.97 -0.48 0.00	68.06 -0.16 -0.69	54.77 -0.11 0.00	66.28 -0.50 0.00
INDECK___CORINTH 23802	54.98 4.19 0.00	56.12 4.23 0.00	72.72 5.64 0.00	74.72 5.73 0.00	84.53 6.32 0.00	81.27 6.44 0.00	164.09 5.52 -103.60	109.78 6.44 -42.54	64.04 5.49 0.00	96.06 7.46 0.00	87.41 6.76 0.00	63.19 4.75 0.00	68.01 4.93 0.00	68.17 4.69 0.00	62.19 4.41 0.00	65.23 4.90 -6.29	87.53 7.53 0.00	117.02 10.69 0.00	106.46 10.02 0.00	98.06 9.13 0.00	85.31 7.86 0.00	78.89 6.82 -4.54	60.40 5.52 0.00	73.26 6.48 0.00
INDECK___ILION 23567	51.73 0.94 0.00	52.81 0.92 0.00	68.31 1.23 0.00	70.18 1.20 0.00	79.41 1.19 0.00	76.16 1.33 0.00	56.46 1.49 0.00	62.63 1.84 0.00	59.94 1.39 0.00	90.03 1.43 0.00	82.38 1.73 0.00	59.69 1.25 0.00	64.19 1.11 0.00	64.41 0.92 0.00	58.83 1.06 0.00	55.44 1.40 0.00	82.05 2.04 0.00	109.51 3.18 0.00	99.46 3.02 0.00	91.67 2.74 0.00	79.80 2.35 0.00	69.59 2.07 0.00	56.55 1.67 0.00	68.63 1.85 0.00
INDECK___OLEAN 23982	48.86 -1.93 0.00	49.62 -2.26 0.00	63.80 -3.28 0.00	65.71 -3.28 0.00	74.62 -3.60 0.00	71.40 -3.43 0.00	54.78 -1.86 -1.66	58.97 -2.15 -0.33	56.88 -1.68 0.00	85.65 -2.95 0.00	78.46 -2.18 0.00	53.47 -1.84 3.14	61.66 -1.43 0.00	61.75 -1.73 0.00	56.28 -1.49 0.00	54.01 -1.05 -1.02	77.02 -2.99 0.00	102.37 -3.97 0.00	93.30 -3.14 0.00	85.35 -3.59 0.00	74.10 -3.35 0.00	65.77 -2.49 -0.74	53.37 -1.51 0.00	65.07 -1.71 0.00
INDECK___OSWEGO 23783	48.63 -2.16 0.00	49.63 -2.26 0.00	64.07 -3.01 0.00	66.01 -2.98 0.00	74.90 -3.32 0.00	71.84 -2.99 0.00	53.24 -1.74 0.00	61.21 0.24 -0.17	58.93 0.37 0.00	88.31 -0.29 0.00	80.50 -0.15 0.00	58.03 -0.41 0.00	62.51 -0.58 0.00	62.68 -0.80 0.00	57.20 -0.57 0.00	54.68 0.12 -0.52	80.31 0.30 0.00	107.46 1.13 0.00	97.92 1.48 0.00	90.24 1.30 0.00	78.28 0.84 0.00	68.58 0.68 -0.37	55.50 0.63 0.00	67.41 0.63 0.00
INDECK___YERKES 23781	46.74 -4.06 0.00	47.51 -4.38 0.00	60.87 -6.21 0.00	62.71 -6.27 0.00	71.38 -6.83 0.00	68.83 -5.99 0.00	51.02 -3.96 0.00	55.93 -5.15 -0.28	54.29 -4.26 0.00	81.65 -6.95 0.00	75.24 -5.40 0.00	51.67 -4.21 2.56	59.00 -4.09 0.00	59.11 -4.37 0.00	54.04 -3.72 0.00	52.39 -2.53 -0.88	75.01 -4.99 0.00	99.26 -7.07 0.00	90.41 -6.03 0.00	82.58 -6.35 0.00	71.60 -5.84 0.00	63.47 -4.69 -0.63	51.50 -3.37 0.00	63.16 -3.62 0.00
INDIAN POINT_GT_1 24139	52.84 2.05 0.00	53.75 1.87 0.00	69.31 2.22 0.00	71.10 2.12 0.00	80.41 2.19 0.00	77.50 2.67 0.00	66.34 2.54 -8.83	68.67 3.32 -4.55	61.63 3.07 0.00	93.12 4.52 0.00	85.00 4.36 0.00	61.62 3.18 0.00	66.25 3.17 0.00	66.67 3.19 0.00	61.02 3.25 0.00	62.34 3.39 -4.91	84.58 4.58 0.00	112.90 6.57 0.00	102.52 6.08 0.00	94.35 5.42 0.00	82.15 4.70 0.00	75.15 4.08 -3.55	58.10 3.23 0.00	70.47 3.69 0.00
INDIAN POINT_GT_2 23659	52.84 2.05 0.00	53.75 1.87 0.00	69.31 2.22 0.00	71.10 2.12 0.00	80.41 2.19 0.00	77.50 2.67 0.00	66.34 2.54 -8.83	68.67 3.32 -4.55	61.63 3.07 0.00	93.12 4.52 0.00	85.00 4.36 0.00	61.62 3.18 0.00	66.25 3.17 0.00	66.67 3.19 0.00	61.02 3.25 0.00	62.34 3.39 -4.91	84.58 4.58 0.00	112.90 6.57 0.00	102.52 6.08 0.00	94.35 5.42 0.00	82.15 4.70 0.00	75.15 4.08 -3.55	58.10 3.23 0.00	70.47 3.69 0.00
INDIAN POINT_GT_3 24019	52.84 2.05 0.00	53.75 1.87 0.00	69.31 2.22 0.00	71.10 2.12 0.00	80.41 2.19 0.00	77.50 2.67 0.00	66.34 2.54 -8.83	68.67 3.32 -4.55	61.63 3.07 0.00	93.12 4.52 0.00	85.00 4.36 0.00	61.62 3.18 0.00	66.25 3.17 0.00	66.67 3.19 0.00	61.02 3.25 0.00	62.34 3.39 -4.91	84.58 4.58 0.00	112.90 6.57 0.00	102.52 6.08 0.00	94.35 5.42 0.00	82.15 4.70 0.00	75.15 4.08 -3.55	58.10 3.23 0.00	70.47 3.69 0.00
INDIAN POINT___2 23530	52.73 1.94 0.00	53.64 1.76 0.00	69.16 2.08 0.00	70.92 1.94 0.00	80.22 2.01 0.00	77.32 2.50 0.00	66.07 2.40 -8.69	68.43 3.15 -4.48	61.48 2.92 0.00	92.91 4.31 0.00	84.80 4.16 0.00	61.44 3.00 0.00	66.09 3.01 0.00	66.50 3.01 0.00	60.86 3.09 0.00	62.15 3.26 -4.85	84.37 4.37 0.00	112.63 6.29 0.00	102.26 5.82 0.00	94.12 5.19 0.00	81.98 4.53 0.00	74.81 3.78 -3.50	57.98 3.10 0.00	70.32 3.54 0.00
INDIAN POINT___3 23531	52.78 1.99 0.00	53.69 1.81 0.00	69.22 2.14 0.00	71.00 2.01 0.00	80.31 2.09 0.00	77.40 2.58 0.00	66.26 2.45 -8.84	68.56 3.20 -4.56	61.52 2.96 0.00	92.99 4.39 0.00	84.89 4.24 0.00	61.52 3.08 0.00	66.16 3.08 0.00	66.57 3.09 0.00	60.92 3.15 0.00	62.26 3.31 -4.92	84.45 4.44 0.00	112.72 6.39 0.00	102.34 5.90 0.00	94.19 5.26 0.00	82.02 4.57 0.00	74.93 3.86 -3.55	58.01 3.13 0.00	70.38 3.60 0.00
INGHAM_C_115KV_TB7 356103	52.48 1.69 0.00	53.51 1.62 0.00	69.27 2.19 0.00	71.06 2.07 0.00	80.24 2.02 0.00	77.07 2.25 0.00	57.62 2.64 0.00	64.17 3.38 0.00	60.88 2.32 0.00	90.61 2.02 0.00	83.47 2.82 0.00	60.56 2.11 0.00	64.80 1.71 0.00	64.73 1.24 0.00	59.37 1.60 0.00	56.37 2.33 0.00	83.40 3.39 0.00	111.79 5.45 0.00	101.65 5.21 0.00	93.65 4.71 0.00	81.50 4.05 0.00	71.11 3.58 0.00	57.81 2.94 0.00	69.99 3.21 0.00
IP CORINTH___1 23988	54.98 4.19 0.00	56.11 4.23 0.00	72.72 5.64 0.00	74.72 5.74 0.00	84.53 6.32 0.00	81.27 6.44 0.00	164.09 5.52 -103.60	109.77 6.44 -42.54	64.04 5.48 0.00	96.06 7.46 0.00	87.41 6.76 0.00	63.19 4.75 0.00	68.02 4.94 0.00	68.17 4.69 0.00	62.19 4.41 0.00	65.23 4.90 -6.29	87.53 7.53 0.00	117.02 10.69 0.00	106.46 10.02 0.00	98.06 9.12 0.00	85.31 7.86 0.00	78.89 6.82 -4.54	60.39 5.52 0.00	73.26 6.48 0.00

IP__TICONDEROGA 23804	56.46 5.67 0.00	57.71 5.83 0.00	75.11 8.03 0.00	77.14 8.16 0.00	87.12 8.90 0.00	83.94 9.12 0.00	165.67 8.27 -102.42	112.58 9.81 -41.97	65.69 7.14 0.00	97.60 9.00 0.00	88.23 7.58 0.00	64.05 5.61 0.00	69.12 6.03 0.00	69.43 5.95 0.00	63.36 5.59 0.00	66.60 6.29 -6.28	89.58 9.57 0.00	121.02 14.68 0.00	110.92 14.47 0.00	102.31 13.37 0.00	89.18 11.73 0.00	81.93 9.87 -4.53	63.02 8.15 0.00	76.46 9.67 0.00
ISLIP_RES_REC 323679	54.89 4.10 0.00	55.82 3.93 0.00	71.85 4.77 0.00	73.71 4.73 0.00	83.53 5.31 0.00	95.61 5.75 -15.03	112.40 5.10 -52.33	72.35 6.18 -5.37	63.94 5.39 0.00	95.44 6.84 0.00	86.85 6.21 0.00	63.18 4.74 0.00	68.09 5.01 0.00	68.58 5.10 0.00	62.81 5.04 0.00	64.02 5.02 -4.96	87.41 7.40 0.00	117.35 11.01 0.00	106.34 9.90 0.00	97.78 8.84 0.00	85.04 7.60 0.00	77.69 6.58 -3.58	60.31 5.44 0.00	73.24 6.46 0.00
JAMAICA__27_KV_LOAD 355505	53.37 2.58 0.00	54.39 2.50 0.00	70.50 3.42 0.00	72.31 3.32 -0.01	81.70 3.48 0.00	78.90 4.07 -0.01	67.02 3.11 -8.93	69.43 4.03 -4.60	62.37 3.81 0.00	94.17 5.56 0.00	85.78 5.13 0.00	62.30 3.86 0.00	67.00 3.92 0.00	67.44 3.96 0.00	61.79 4.02 0.00	63.12 4.12 -4.96	85.47 5.46 0.00	114.22 7.88 0.00	103.77 7.33 0.00	95.47 6.53 0.00	83.08 5.64 0.00	75.88 4.77 -3.58	58.74 3.87 0.00	71.05 4.27 0.00
JANIS__SOLAR 323808	51.35 0.56 0.00	52.31 0.43 0.00	67.53 0.45 0.00	69.62 0.63 0.00	78.57 0.36 0.00	76.07 1.24 0.00	61.72 1.82 -4.93	65.03 1.97 -2.27	60.39 1.83 0.00	90.24 1.64 0.00	81.69 1.04 0.00	65.59 -0.08 -7.22	62.85 -0.24 0.00	63.08 -0.41 0.00	57.64 -0.13 0.00	55.86 0.41 -1.41	81.72 1.71 0.00	111.18 4.85 0.00	102.40 5.96 0.00	94.19 5.25 0.00	82.12 4.67 0.00	72.68 4.14 -1.02	58.16 3.29 0.00	70.48 3.70 0.00
JARVIS____ 23743	51.12 0.33 0.00	52.22 0.34 0.00	67.55 0.47 0.00	69.47 0.48 0.00	78.69 0.47 0.00	75.36 0.53 0.00	55.52 0.55 0.00	61.46 0.67 0.00	59.14 0.59 0.00	89.30 0.69 0.00	81.34 0.70 0.00	58.95 0.51 0.00	63.58 0.50 0.00	63.94 0.46 0.00	58.29 0.52 0.00	54.63 0.60 0.00	80.81 0.81 0.00	107.59 1.26 0.00	97.60 1.16 0.00	90.01 1.07 0.00	78.33 0.88 0.00	68.33 0.80 0.00	55.53 0.66 0.00	67.50 0.71 0.00
JENNISON__1 23625	50.72 -0.07 0.00	51.75 -0.14 0.00	66.96 -0.12 0.00	68.76 -0.23 0.00	77.47 -0.74 0.00	75.00 0.17 0.00	63.85 0.94 -7.93	65.48 1.15 -3.52	59.99 1.44 0.00	89.76 1.16 0.00	81.64 0.99 0.00	60.06 0.14 -1.47	63.14 0.05 0.00	63.57 0.09 0.00	58.17 0.40 0.00	56.68 0.86 -1.78	82.37 2.36 0.00	111.24 4.90 0.00	102.34 5.89 0.00	93.67 4.74 0.00	82.14 4.69 0.00	73.41 4.60 -1.29	58.55 3.67 0.00	70.94 4.16 0.00
JENNISON__2 23626	50.72 -0.07 0.00	51.75 -0.14 0.00	66.96 -0.12 0.00	68.76 -0.23 0.00	77.47 -0.74 0.00	75.00 0.17 0.00	63.85 0.94 -7.93	65.48 1.15 -3.52	59.99 1.44 0.00	89.76 1.16 0.00	81.64 0.99 0.00	60.06 0.14 -1.47	63.14 0.05 0.00	63.57 0.09 0.00	58.17 0.40 0.00	56.68 0.86 -1.78	82.37 2.36 0.00	111.24 4.90 0.00	102.34 5.89 0.00	93.67 4.74 0.00	82.14 4.69 0.00	73.41 4.60 -1.29	58.55 3.67 0.00	70.94 4.16 0.00
JERICHO_RISE_WT_PWR 323719	49.95 -0.84 0.00	51.07 -0.81 0.00	66.17 -0.91 0.00	68.14 -0.84 0.00	77.87 -0.34 0.00	74.12 -0.70 0.00	53.56 -1.41 0.00	59.11 -1.69 0.00	57.07 -1.48 0.00	87.40 -1.20 0.00	78.93 -1.72 0.00	56.58 -1.86 0.00	60.96 -2.12 0.00	64.41 -2.10 -3.02	60.95 -2.36 -5.53	51.34 -2.70 0.00	77.02 -2.99 0.00	102.56 -3.77 0.00	93.69 -2.76 0.00	87.06 -1.88 0.00	76.26 -1.19 0.00	66.73 -0.80 0.00	54.18 -0.70 0.00	66.35 -0.43 0.00
KATONAH__115KV_46KV_TB4 355592	53.48 2.69 0.00	54.42 2.53 0.00	70.18 3.10 0.00	72.02 3.03 0.00	81.46 3.25 0.00	78.56 3.73 0.00	67.47 3.40 -9.09	69.73 4.26 -4.68	62.55 3.99 0.00	94.43 5.82 0.00	86.17 5.53 0.00	62.45 4.01 0.00	67.13 4.05 0.00	67.52 4.04 0.00	61.80 4.03 0.00	63.19 4.12 -5.03	85.73 5.73 0.00	114.56 8.23 0.00	104.08 7.63 0.00	95.75 6.81 0.00	83.31 5.86 0.00	76.10 4.95 -3.63	58.87 4.00 0.00	71.36 4.58 0.00
KCE_NY_1 323755	54.12 3.33 0.00	55.29 3.40 0.00	71.50 4.42 0.00	73.47 4.49 0.00	83.14 4.92 0.00	79.87 5.05 0.00	159.94 4.19 -100.77	106.82 4.85 -41.17	62.84 4.29 0.00	94.57 5.97 0.00	86.12 5.47 0.00	62.34 3.90 0.00	67.07 3.98 0.00	67.36 3.88 0.00	61.44 3.67 0.00	64.37 4.07 -6.27	86.28 6.28 0.00	114.85 8.51 0.00	104.60 8.16 0.00	96.22 7.29 0.00	83.65 6.20 0.00	77.44 5.38 -4.52	59.22 4.34 0.00	71.85 5.07 0.00
KCE_NY_6_ESR 323823	47.16 -3.63 0.00	47.82 -4.07 0.00	61.32 -5.76 0.00	63.16 -5.82 0.00	71.92 -6.29 0.00	69.29 -5.53 0.00	51.52 -3.45 0.00	56.66 -4.43 -0.30	54.92 -3.64 0.00	82.42 -6.18 0.00	75.95 -4.70 0.00	51.84 -3.76 2.84	59.55 -3.54 0.00	59.63 -3.85 0.00	54.55 -3.22 0.00	52.94 -2.02 -0.92	75.99 -4.01 0.00	100.99 -5.34 0.00	92.11 -4.33 0.00	84.17 -4.76 0.00	72.94 -4.50 0.00	64.69 -3.50 -0.67	52.37 -2.50 0.00	64.12 -2.66 0.00
KEDC_PORT_JEFF_GT2 24210	54.54 3.75 0.00	55.47 3.58 0.00	71.42 4.35 0.00	73.23 4.25 0.00	82.98 4.77 0.00	95.05 5.19 -15.03	111.96 4.65 -52.33	71.83 5.67 -5.37	63.47 4.91 0.00	94.85 6.25 0.00	86.40 5.75 0.00	62.80 4.36 0.00	67.68 4.60 0.00	68.17 4.69 0.00	62.43 4.66 0.00	63.62 4.62 -4.96	86.74 6.73 0.00	116.37 10.04 0.00	105.50 9.06 0.00	97.00 8.07 0.00	84.43 6.98 0.00	77.16 6.05 -3.58	59.91 5.03 0.00	72.73 5.95 0.00
KEDC_PORT_JEFF_GT3 24211	54.54 3.75 0.00	55.47 3.58 0.00	71.42 4.35 0.00	73.23 4.25 0.00	82.98 4.77 0.00	95.05 5.19 -15.03	111.96 4.65 -52.33	71.83 5.67 -5.37	63.47 4.91 0.00	94.85 6.25 0.00	86.40 5.75 0.00	62.80 4.36 0.00	67.68 4.60 0.00	68.17 4.69 0.00	62.43 4.66 0.00	63.62 4.62 -4.96	86.74 6.73 0.00	116.37 10.04 0.00	105.50 9.06 0.00	97.00 8.07 0.00	84.43 6.98 0.00	77.16 6.05 -3.58	59.91 5.03 0.00	72.73 5.95 0.00
KEDC_GLWD_GT4 24219	53.99 3.19 0.00	54.89 3.00 0.00	70.67 3.59 0.00	72.49 3.50 0.00	82.09 3.87 0.00	94.19 4.34 -15.03	110.96 3.66 -52.33	70.71 4.55 -5.37	62.61 4.06 0.00	94.24 5.63 0.00	86.24 5.60 0.00	62.81 4.37 0.00	67.54 4.46 0.00	67.72 4.24 0.00	62.05 4.27 0.00	63.30 4.30 -4.96	86.07 6.07 0.00	114.97 8.64 0.00	104.37 7.93 0.00	96.04 7.10 0.00	83.57 6.12 0.00	76.29 5.19 -3.58	59.13 4.25 0.00	71.66 4.87 0.00
KEDC_GLWD_GT5 24220	53.99 3.19 0.00	54.89 3.00 0.00	70.67 3.59 0.00	72.49 3.50 0.00	82.09 3.87 0.00	94.19 4.34 -15.03	110.96 3.66 -52.33	70.71 4.55 -5.37	62.61 4.06 0.00	94.24 5.63 0.00	86.24 5.60 0.00	62.81 4.37 0.00	67.54 4.46 0.00	67.72 4.24 0.00	62.05 4.27 0.00	63.30 4.30 -4.96	86.07 6.07 0.00	114.97 8.64 0.00	104.37 7.93 0.00	96.04 7.10 0.00	83.57 6.12 0.00	76.29 5.19 -3.58	59.13 4.25 0.00	71.66 4.87 0.00

KENSICO____ 23655	53.02 2.23 0.00	53.93 2.05 0.00	69.52 2.44 0.00	71.32 2.34 0.00	80.66 2.44 0.00	77.74 2.92 0.00	66.62 2.74 -8.90	68.93 3.54 -4.59	61.87 3.31 0.00	93.46 4.86 0.00	85.36 4.71 0.00	61.89 3.45 0.00	66.55 3.46 0.00	66.95 3.47 0.00	61.29 3.52 0.00	62.62 3.64 -4.95	84.91 4.90 0.00	113.33 7.00 0.00	102.90 6.46 0.00	94.68 5.74 0.00	82.44 5.00 0.00	75.31 4.21 -3.57	58.31 3.44 0.00	70.72 3.94 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.44 2.65 0.00	54.40 2.51 0.00	70.13 3.05 0.00	72.01 3.02 0.00	81.48 3.27 0.00	78.58 3.75 0.00	69.27 3.39 -10.90	70.13 4.22 -5.11	62.41 3.86 0.00	93.96 5.36 0.00	85.38 4.73 0.00	61.94 3.50 0.00	66.38 3.30 0.00	66.82 3.34 0.00	61.02 3.25 0.00	62.32 3.53 -4.76	85.34 5.33 0.00	114.62 8.28 0.00	104.24 7.79 0.00	95.93 7.00 0.00	83.49 6.05 0.00	76.06 5.09 -3.44	58.95 4.07 0.00	71.44 4.66 0.00
KIAC_JFK_GT1 23816	52.87 2.08 0.00	53.88 1.99 0.00	69.91 2.83 0.00	71.73 2.73 -0.01	80.92 2.70 0.00	78.15 3.32 -0.01	66.45 2.54 -8.93	68.78 3.39 -4.60	61.76 3.21 0.00	93.27 4.67 0.00	84.99 4.34 0.00	61.72 3.28 0.00	66.38 3.29 0.00	66.82 3.34 0.00	61.30 3.53 0.00	62.58 3.58 -4.96	84.64 4.64 0.00	113.12 6.78 0.00	102.74 6.30 0.00	94.50 5.57 0.00	82.26 4.82 0.00	75.16 4.05 -3.58	58.15 3.27 0.00	70.36 3.57 0.00
KIAC_JFK_GT2 23817	52.87 2.08 0.00	53.88 1.99 0.00	69.91 2.83 0.00	71.73 2.73 -0.01	80.92 2.70 0.00	78.15 3.32 -0.01	66.45 2.54 -8.93	68.78 3.39 -4.60	61.76 3.21 0.00	93.27 4.67 0.00	84.99 4.34 0.00	61.72 3.28 0.00	66.38 3.29 0.00	66.82 3.34 0.00	61.30 3.53 0.00	62.58 3.58 -4.96	84.64 4.64 0.00	113.12 6.78 0.00	102.74 6.30 0.00	94.50 5.57 0.00	82.26 4.82 0.00	75.16 4.05 -3.58	58.15 3.27 0.00	70.36 3.57 0.00
KIAC_JFK____ 323774	52.87 2.08 0.00	53.88 1.99 0.00	69.91 2.83 0.00	71.74 2.74 -0.01	80.92 2.71 0.00	78.15 3.31 -0.01	66.44 2.54 -8.93	68.78 3.38 -4.60	61.76 3.20 0.00	93.27 4.67 0.00	84.98 4.33 0.00	61.73 3.29 0.00	66.38 3.29 0.00	66.82 3.34 0.00	61.30 3.53 0.00	62.57 3.57 -4.96	84.64 4.64 0.00	113.12 6.78 0.00	102.74 6.30 0.00	94.50 5.56 0.00	82.27 4.82 0.00	75.16 4.05 -3.58	58.15 3.27 0.00	70.35 3.57 0.00
KINTIGH____ 23543	46.42 -4.37 0.00	47.22 -4.66 0.00	60.60 -6.48 0.00	62.45 -6.54 0.00	71.06 -7.15 0.00	68.35 -6.48 0.00	50.63 -4.34 0.00	55.63 -5.43 -0.25	53.90 -4.66 0.00	81.21 -7.38 0.00	74.75 -5.89 0.00	51.83 -4.59 2.02	58.59 -4.50 0.00	58.72 -4.77 0.00	53.61 -4.16 0.00	51.75 -3.07 -0.79	74.39 -5.61 0.00	98.47 -7.86 0.00	89.60 -6.84 0.00	81.90 -7.04 0.00	71.07 -6.37 0.00	62.87 -5.23 -0.57	51.02 -3.85 0.00	62.51 -4.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.81 0.02 0.00	51.97 0.08 0.00	67.33 0.25 0.00	69.31 0.32 0.00	79.14 0.93 0.00	75.38 0.55 0.00	54.58 -0.40 0.00	60.24 -0.56 0.00	58.11 -0.44 0.00	88.71 0.11 0.00	80.19 -0.46 0.00	57.33 -1.11 0.00	61.77 -1.31 0.00	87.89 -1.37 -25.78	103.33 -1.69 -47.25	52.13 -1.90 0.00	78.38 -1.62 0.00	104.61 -1.73 0.00	95.72 -0.72 0.00	88.81 -0.13 0.00	77.61 0.16 0.00	67.90 0.38 0.00	55.14 0.27 0.00	67.72 0.94 0.00
LACHUTE__HYDRO 323717	56.46 5.67 0.00	57.71 5.83 0.00	75.11 8.03 0.00	77.14 8.15 0.00	87.11 8.90 0.00	83.95 9.12 0.00	165.67 8.27 -102.42	112.58 9.81 -41.97	65.69 7.13 0.00	97.60 9.00 0.00	88.23 7.58 0.00	64.05 5.61 0.00	69.12 6.03 0.00	69.43 5.95 0.00	63.36 5.59 0.00	66.60 6.29 -6.28	89.57 9.57 0.00	121.02 14.68 0.00	110.92 14.47 0.00	102.31 13.37 0.00	89.18 11.73 0.00	81.93 9.87 -4.53	63.02 8.14 0.00	76.45 9.67 0.00
LAWRNCV_115KV_TB1 80681	51.14 0.35 0.00	52.33 0.44 0.00	67.88 0.80 0.00	69.78 0.80 0.00	80.05 1.84 0.00	76.43 1.60 0.00	55.35 0.38 0.00	60.93 0.14 0.00	58.65 0.09 0.00	88.96 0.36 0.00	80.30 -0.35 0.00	57.91 -0.53 0.00	62.72 -0.36 0.00	63.20 -0.28 0.00	56.85 -0.92 0.00	52.29 -1.75 0.00	77.99 -2.02 0.00	103.66 -2.68 0.00	93.92 -2.52 0.00	87.06 -1.88 0.00	76.23 -1.22 0.00	66.99 -0.54 0.00	54.65 -0.22 0.00	66.86 0.07 0.00
LEDERLE____ 23769	52.83 2.04 0.00	53.73 1.85 0.00	69.28 2.20 0.00	71.06 2.07 0.00	80.37 2.16 0.00	77.48 2.65 0.00	66.07 2.54 -8.57	68.49 3.28 -4.42	61.59 3.03 0.00	93.16 4.56 0.00	85.02 4.37 0.00	61.57 3.13 0.00	66.21 3.13 0.00	66.64 3.16 0.00	60.99 3.22 0.00	62.22 3.41 -4.78	84.63 4.62 0.00	112.95 6.62 0.00	102.55 6.11 0.00	94.41 5.47 0.00	82.22 4.78 0.00	74.96 3.98 -3.45	58.10 3.22 0.00	70.51 3.73 0.00
LIGHTHSE_115KV_TB6 355974	49.22 -1.57 0.00	50.27 -1.61 0.00	64.93 -2.15 0.00	67.32 -1.66 0.00	76.58 -1.64 0.00	73.59 -1.23 0.00	54.20 -0.77 0.00	61.18 0.23 -0.15	58.90 0.34 0.00	87.75 -0.85 0.00	79.98 -0.67 0.00	57.48 -0.96 0.00	61.65 -1.44 0.00	61.64 -1.84 0.00	56.26 -1.51 0.00	53.96 -0.53 -0.46	79.51 -0.50 0.00	106.78 0.44 0.00	97.60 1.16 0.00	90.22 1.28 0.00	78.21 0.76 0.00	68.53 0.66 -0.33	55.64 0.76 0.00	67.65 0.87 0.00
LINDEN COGEN____ 23786	52.72 1.93 0.00	53.59 1.70 0.00	69.01 1.93 0.00	70.77 1.78 0.00	79.98 1.76 0.00	77.22 2.40 0.00	64.45 2.36 -7.11	68.60 3.20 -4.60	61.59 3.04 0.00	93.11 4.51 0.00	85.05 4.40 0.00	61.79 3.35 0.00	66.39 3.30 0.00	66.79 3.31 0.00	61.21 3.44 0.00	62.54 3.53 -4.96	84.56 4.55 0.00	111.08 6.52 1.78	102.45 6.00 0.00	94.22 5.29 0.00	82.05 4.60 0.00	74.99 3.88 -3.58	58.08 3.21 0.00	70.33 3.55 0.00
LINDHRST_69_KV_BK1 356055	54.49 3.70 0.00	55.37 3.49 0.00	71.31 4.23 0.00	73.10 4.11 0.00	82.81 4.60 0.00	94.95 5.09 -15.03	111.79 4.48 -52.33	71.66 5.50 -5.37	63.41 4.85 0.00	95.11 6.51 0.00	86.91 6.27 0.00	63.01 4.57 0.00	67.80 4.71 0.00	68.23 4.75 0.00	62.55 4.77 0.00	63.84 4.84 -4.96	87.03 7.03 0.00	116.43 10.09 0.00	105.71 9.27 0.00	97.27 8.33 0.00	84.66 7.21 0.00	77.27 6.17 -3.58	59.90 5.02 0.00	72.62 5.84 0.00
LIPA_MISC_IPP 23656	54.37 3.58 0.00	55.32 3.43 0.00	71.23 4.15 0.00	73.04 4.06 0.00	82.77 4.56 0.00	94.82 4.97 -15.03	111.80 4.50 -52.33	71.66 5.49 -5.37	63.25 4.69 0.00	94.44 5.84 0.00	85.87 5.23 0.00	62.41 3.97 0.00	67.36 4.28 0.00	67.85 4.37 0.00	62.10 4.33 0.00	63.22 4.23 -4.96	86.15 6.14 0.00	115.66 9.32 0.00	104.69 8.25 0.00	96.28 7.34 0.00	83.78 6.33 0.00	76.70 5.59 -3.58	59.60 4.72 0.00	72.48 5.70 0.00
LISF__SOLAR 323691	54.48 3.69 0.00	55.42 3.54 0.00	71.37 4.29 0.00	73.18 4.20 0.00	82.92 4.71 0.00	94.97 5.12 -15.03	111.93 4.63 -52.33	71.79 5.63 -5.37	63.35 4.79 0.00	94.53 5.93 0.00	85.93 5.29 0.00	62.44 4.00 0.00	67.38 4.29 0.00	67.89 4.41 0.00	62.15 4.38 0.00	63.28 4.29 -4.96	86.29 6.29 0.00	115.92 9.58 0.00	104.92 8.48 0.00	96.47 7.53 0.00	83.96 6.51 0.00	76.84 5.73 -3.58	59.71 4.84 0.00	72.62 5.84 0.00

LITTLE FALLS___HYD 24013	52.48 1.69 0.00	53.51 1.62 0.00	69.27 2.19 0.00	71.06 2.07 0.00	80.24 2.02 0.00	77.07 2.25 0.00	57.62 2.64 0.00	64.17 3.38 0.00	60.88 2.32 0.00	90.61 2.02 0.00	83.47 2.82 0.00	60.56 2.11 0.00	64.80 1.71 0.00	64.73 1.24 0.00	59.37 1.60 0.00	56.37 2.33 0.00	83.40 3.39 0.00	111.79 5.45 0.00	101.65 5.21 0.00	93.65 4.71 0.00	81.50 4.05 0.00	71.11 3.58 0.00	57.81 2.94 0.00	69.99 3.21 0.00
LITTLRIV_115KV_TB1 356100	51.90 1.11 0.00	53.09 1.20 0.00	68.85 1.77 0.00	70.80 1.81 0.00	81.16 2.95 0.00	77.56 2.73 0.00	56.22 1.25 0.00	61.93 1.11 -0.03	59.50 0.94 0.00	90.05 1.45 0.00	80.69 0.04 0.00	58.12 -0.32 0.00	63.09 0.00 0.00	63.59 0.11 0.00	57.22 -0.55 0.00	52.63 -1.49 -0.08	78.65 -1.35 0.00	104.80 -1.54 0.00	94.93 -1.51 0.00	88.00 -0.94 0.00	77.04 -0.40 0.00	67.82 0.24 -0.06	55.24 0.37 0.00	67.63 0.85 0.00
LI_NEWBRDGE___DRP 323616	53.60 2.81 0.00	54.51 2.62 0.00	70.20 3.11 0.00	72.00 3.01 0.00	81.51 3.29 0.00	93.62 3.77 -15.03	110.71 3.41 -52.33	70.41 4.25 -5.37	62.30 3.75 0.00	93.77 5.16 0.00	85.77 5.13 0.00	62.27 3.83 0.00	66.97 3.89 0.00	67.39 3.91 0.00	61.75 3.98 0.00	62.99 3.99 -4.96	85.57 5.57 0.00	114.29 7.95 0.00	103.75 7.30 0.00	95.49 6.55 0.00	83.11 5.66 0.00	75.95 4.84 -3.58	58.87 4.00 0.00	71.39 4.61 0.00
LOCKPORT_115KV_TB60_63_64 80432	46.29 -4.50 0.00	47.04 -4.85 0.00	60.20 -6.88 0.00	62.06 -6.93 0.00	70.70 -7.51 0.00	68.14 -6.68 0.00	50.48 -4.50 0.00	55.31 -5.76 -0.27	53.69 -4.87 0.00	80.65 -7.95 0.00	74.41 -6.23 0.00	51.21 -4.85 2.39	58.27 -4.81 0.00	58.36 -5.13 0.00	53.38 -4.39 0.00	51.71 -3.17 -0.85	74.07 -5.94 0.00	98.16 -8.17 0.00	89.44 -7.00 0.00	81.69 -7.25 0.00	70.88 -6.57 0.00	62.83 -5.31 -0.61	51.02 -3.86 0.00	62.65 -4.13 0.00
LOCKPORT___CC1 323769	46.25 -4.55 0.00	46.99 -4.89 0.00	60.16 -6.92 0.00	62.00 -6.99 0.00	70.63 -7.59 0.00	68.08 -6.75 0.00	50.44 -4.54 0.00	55.26 -5.82 -0.27	53.63 -4.93 0.00	80.60 -8.00 0.00	74.33 -6.32 0.00	51.12 -4.90 2.43	58.25 -4.83 0.00	58.35 -5.14 0.00	53.37 -4.40 0.00	51.71 -3.18 -0.85	74.07 -5.94 0.00	98.16 -8.18 0.00	89.43 -7.01 0.00	81.66 -7.28 0.00	70.84 -6.61 0.00	62.82 -5.32 -0.61	51.01 -3.87 0.00	62.63 -4.15 0.00
LOCKPORT___CC2 323770	46.25 -4.55 0.00	46.99 -4.89 0.00	60.16 -6.92 0.00	62.00 -6.99 0.00	70.63 -7.59 0.00	68.08 -6.75 0.00	50.44 -4.54 0.00	55.26 -5.82 -0.27	53.63 -4.93 0.00	80.60 -8.00 0.00	74.33 -6.32 0.00	51.12 -4.90 2.43	58.25 -4.83 0.00	58.35 -5.14 0.00	53.37 -4.40 0.00	51.71 -3.18 -0.85	74.07 -5.94 0.00	98.16 -8.18 0.00	89.43 -7.01 0.00	81.66 -7.28 0.00	70.84 -6.61 0.00	62.82 -5.32 -0.61	51.01 -3.87 0.00	62.63 -4.15 0.00
LOCKPORT___CC3 323771	46.25 -4.55 0.00	46.99 -4.89 0.00	60.16 -6.92 0.00	62.00 -6.99 0.00	70.63 -7.59 0.00	68.08 -6.75 0.00	50.44 -4.54 0.00	55.26 -5.82 -0.27	53.63 -4.93 0.00	80.60 -8.00 0.00	74.33 -6.32 0.00	51.12 -4.90 2.43	58.25 -4.83 0.00	58.35 -5.14 0.00	53.37 -4.40 0.00	51.71 -3.18 -0.85	74.07 -5.94 0.00	98.16 -8.18 0.00	89.43 -7.01 0.00	81.66 -7.28 0.00	70.84 -6.61 0.00	62.82 -5.32 -0.61	51.01 -3.87 0.00	62.63 -4.15 0.00
LONG_LAKE_PHOENIX 24014	48.87 -1.93 0.00	49.84 -2.05 0.00	64.33 -2.75 0.00	66.22 -2.77 0.00	75.11 -3.10 0.00	72.08 -2.75 0.00	53.43 -1.54 0.00	60.73 -0.23 -0.17	58.47 -0.08 0.00	87.79 -0.81 0.00	80.10 -0.55 0.00	57.81 -0.63 0.00	62.33 -0.75 0.00	62.57 -0.91 0.00	57.10 -0.66 0.00	54.50 -0.06 -0.53	79.94 -0.06 0.00	106.77 0.43 0.00	97.20 0.75 0.00	89.45 0.51 0.00	77.63 0.19 0.00	68.02 0.11 -0.38	54.98 0.11 0.00	66.79 0.01 0.00
LOVETT___3 23632	52.57 1.78 0.00	53.47 1.59 0.00	68.95 1.87 0.00	70.72 1.73 0.00	79.98 1.77 0.00	77.10 2.28 0.00	65.79 2.21 -8.60	68.15 2.91 -4.44	61.22 2.67 0.00	92.63 4.03 0.00	84.54 3.89 0.00	61.26 2.81 0.00	65.86 2.78 0.00	66.29 2.81 0.00	60.67 2.90 0.00	61.92 3.09 -4.80	84.12 4.11 0.00	112.25 5.91 0.00	101.93 5.49 0.00	93.83 4.90 0.00	81.75 4.30 0.00	74.57 3.59 -3.46	57.80 2.92 0.00	70.18 3.40 0.00
LOVETT___4 23642	52.57 1.78 0.00	53.47 1.59 0.00	68.95 1.87 0.00	70.72 1.73 0.00	79.98 1.77 0.00	77.10 2.28 0.00	65.79 2.21 -8.60	68.15 2.91 -4.44	61.22 2.67 0.00	92.63 4.03 0.00	84.54 3.89 0.00	61.26 2.81 0.00	65.86 2.78 0.00	66.29 2.81 0.00	60.67 2.90 0.00	61.92 3.09 -4.80	84.12 4.11 0.00	112.25 5.91 0.00	101.93 5.49 0.00	93.83 4.90 0.00	81.75 4.30 0.00	74.57 3.59 -3.46	57.80 2.92 0.00	70.18 3.40 0.00
LOVETT___5 23593	52.57 1.78 0.00	53.47 1.59 0.00	68.95 1.87 0.00	70.72 1.73 0.00	79.98 1.77 0.00	77.10 2.28 0.00	65.79 2.21 -8.60	68.15 2.91 -4.44	61.22 2.67 0.00	92.63 4.03 0.00	84.54 3.89 0.00	61.26 2.81 0.00	65.86 2.78 0.00	66.29 2.81 0.00	60.67 2.90 0.00	61.92 3.09 -4.80	84.12 4.11 0.00	112.25 5.91 0.00	101.93 5.49 0.00	93.83 4.90 0.00	81.75 4.30 0.00	74.57 3.59 -3.46	57.80 2.92 0.00	70.18 3.40 0.00
LOWER RAQUET___HYD 24057	51.13 0.33 0.00	52.30 0.41 0.00	67.84 0.76 0.00	69.82 0.83 0.00	80.12 1.91 0.00	76.54 1.72 0.00	55.43 0.45 0.00	61.06 0.24 -0.03	58.73 0.17 0.00	88.96 0.36 0.00	80.24 -0.40 0.00	57.86 -0.59 0.00	62.66 -0.42 0.00	63.16 -0.33 0.00	56.73 -1.03 0.00	52.19 -1.93 -0.09	77.75 -2.26 0.00	103.49 -2.85 0.00	93.81 -2.63 0.00	86.99 -1.95 0.00	76.22 -1.23 0.00	67.16 -0.43 -0.06	54.75 -0.12 0.00	66.99 0.21 0.00
LOWER___HUDSON 24059	53.30 2.52 0.00	54.42 2.53 0.00	70.46 3.38 0.00	72.38 3.39 0.00	81.87 3.65 0.00	78.45 3.62 0.00	139.50 3.08 -81.43	96.40 3.66 -31.94	61.95 3.40 0.00	93.44 4.84 0.00	85.15 4.51 0.00	61.75 3.31 0.00	66.44 3.35 0.00	66.75 3.27 0.00	60.95 3.18 0.00	63.56 3.39 -6.14	84.88 4.88 0.00	112.75 6.41 0.00	102.42 5.97 0.00	94.33 5.40 0.00	82.13 4.69 0.00	76.02 4.06 -4.43	58.16 3.29 0.00	70.61 3.83 0.00
LOWVILLE_115KV_TB2 356335	50.24 -0.55 0.00	51.60 -0.28 0.00	66.67 -0.41 0.00	70.14 1.16 0.00	80.26 2.04 0.00	77.50 2.67 0.00	56.51 1.53 0.00	62.86 1.99 -0.07	60.44 1.88 0.00	89.16 0.56 0.00	80.62 -0.02 0.00	57.89 -0.55 0.00	62.77 -0.32 0.00	63.39 -0.09 0.00	57.22 -0.55 0.00	53.66 -0.59 -0.22	80.07 0.07 0.00	108.54 2.21 0.00	99.56 3.12 0.00	92.64 3.70 0.00	80.32 2.88 0.00	70.35 2.67 -0.16	57.31 2.43 0.00	69.82 3.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	54.08 3.30 0.00	55.21 3.33 0.00	71.46 4.37 0.00	73.44 4.46 0.00	83.08 4.86 0.00	79.78 4.95 0.00	159.91 4.16 -100.77	106.79 4.82 -41.17	62.82 4.26 0.00	94.50 5.90 0.00	86.09 5.44 0.00	62.31 3.87 0.00	67.05 3.96 0.00	67.34 3.86 0.00	61.43 3.66 0.00	64.35 4.04 -6.27	86.19 6.18 0.00	114.83 8.49 0.00	104.38 7.94 0.00	96.13 7.20 0.00	83.62 6.17 0.00	77.40 5.35 -4.52	59.18 4.30 0.00	71.82 5.04 0.00

LUTHERNY_35_KV_BK2 355980	54.12 3.33 0.00	55.29 3.40 0.00	71.50 4.42 0.00	73.48 4.49 0.00	83.14 4.92 0.00	79.87 5.04 0.00	159.94 4.19 -100.77	106.82 4.85 -41.17	62.84 4.29 0.00	94.57 5.97 0.00	86.12 5.47 0.00	62.34 3.90 0.00	67.06 3.98 0.00	67.36 3.88 0.00	61.44 3.67 0.00	64.37 4.07 -6.27	86.28 6.28 0.00	114.85 8.51 0.00	104.60 8.16 0.00	96.22 7.29 0.00	83.65 6.20 0.00	77.44 5.39 -4.52	59.22 4.34 0.00	71.85 5.06 0.00
LWR___OSWEGATCHIE_HYD 23850	50.51 -0.28 0.00	51.76 -0.13 0.00	66.98 -0.10 0.00	69.65 0.67 0.00	79.84 1.63 0.00	76.67 1.85 0.00	55.72 0.74 0.00	61.79 0.94 -0.05	59.39 0.83 0.00	88.73 0.13 0.00	80.13 -0.52 0.00	57.65 -0.79 0.00	62.55 -0.53 0.00	63.14 -0.34 0.00	56.76 -1.01 0.00	52.68 -1.51 -0.16	78.57 -1.44 0.00	105.65 -0.69 0.00	96.44 0.00 0.00	89.58 0.65 0.00	78.06 0.62 0.00	68.56 0.92 -0.12	55.86 0.99 0.00	68.19 1.41 0.00
LYONS_FALL_HYD 23570	50.98 0.19 0.00	52.24 0.35 0.00	67.51 0.43 0.00	70.42 1.43 0.00	80.26 2.04 0.00	77.35 2.52 0.00	56.69 1.71 0.00	62.98 2.12 -0.06	60.58 2.02 0.00	90.14 1.54 0.00	81.77 1.13 0.00	58.86 0.42 0.00	63.74 0.66 0.00	64.25 0.77 0.00	58.26 0.49 0.00	54.73 0.49 -0.20	81.31 1.30 0.00	109.47 3.14 0.00	99.97 3.53 0.00	92.66 3.72 0.00	80.42 2.97 0.00	70.34 2.67 -0.14	57.16 2.28 0.00	69.55 2.76 0.00
MADISON___COUNTY_LFGE 323628	51.70 0.91 0.00	52.80 0.91 0.00	68.29 1.21 0.00	70.44 1.45 0.00	79.87 1.66 0.00	76.83 2.01 0.00	56.85 1.87 0.00	63.14 2.23 -0.11	60.73 2.17 0.00	91.31 2.71 0.00	83.14 2.50 0.00	60.04 1.60 0.00	64.87 1.79 0.00	65.10 1.62 0.00	59.40 1.63 0.00	56.21 1.83 -0.34	82.78 2.77 0.00	110.40 4.07 0.00	100.36 3.92 0.00	92.45 3.52 0.00	80.32 2.87 0.00	70.23 2.45 -0.24	56.80 1.92 0.00	68.93 2.15 0.00
MALONE___115KV_TB1 356076	51.20 0.41 0.00	52.33 0.45 0.00	67.81 0.73 0.00	69.80 0.82 0.00	79.89 1.67 0.00	76.24 1.41 0.00	55.27 0.30 0.00	61.03 0.23 0.00	58.91 0.35 0.00	90.22 1.63 0.00	80.98 0.33 0.00	58.06 -0.38 0.00	62.61 -0.48 0.00	65.38 -0.50 -2.40	61.20 -0.96 -4.39	52.56 -1.47 0.00	78.88 -1.13 0.00	105.15 -1.19 0.00	96.02 -0.42 0.00	89.11 0.18 0.00	78.03 0.58 0.00	68.40 0.88 0.00	55.55 0.67 0.00	67.93 1.15 0.00
MAPLEWOD_115KV_TB3 80458	52.93 2.14 0.00	54.04 2.15 0.00	70.08 3.00 0.00	71.98 2.99 0.00	81.41 3.19 0.00	77.89 3.07 0.00	118.38 2.82 -60.59	84.47 3.62 -20.05	62.04 3.48 0.00	93.76 5.16 0.00	85.31 4.67 0.00	61.85 3.41 0.00	66.47 3.38 0.00	66.81 3.33 0.00	61.05 3.28 0.00	63.50 3.37 -6.09	84.28 4.27 0.00	111.72 5.39 0.00	101.36 4.92 0.00	93.36 4.42 0.00	81.27 3.82 0.00	75.29 3.35 -4.41	57.56 2.69 0.00	69.98 3.20 0.00
MAPLE_RIDGE_WT_1 323574	50.02 -0.77 0.00	51.33 -0.55 0.00	66.50 -0.58 0.00	68.82 -0.16 0.00	78.35 0.13 0.00	74.91 0.08 0.00	54.56 -0.41 0.00	60.18 -0.62 0.00	57.96 -0.60 0.00	87.33 -1.27 0.00	79.06 -1.58 0.00	57.14 -1.30 0.00	61.71 -1.37 0.00	62.15 -1.33 0.00	56.55 -1.22 0.00	52.64 -1.40 0.00	78.34 -1.67 0.00	104.63 -1.71 0.00	94.94 -1.50 0.00	87.79 -1.14 0.00	76.56 -0.89 0.00	66.94 -0.59 0.00	54.47 -0.40 0.00	66.44 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	50.02 -0.77 0.00	51.33 -0.55 0.00	66.50 -0.58 0.00	68.82 -0.16 0.00	78.35 0.13 0.00	74.91 0.08 0.00	54.56 -0.41 0.00	60.18 -0.62 0.00	57.96 -0.60 0.00	87.33 -1.27 0.00	79.06 -1.58 0.00	57.14 -1.30 0.00	61.71 -1.37 0.00	62.15 -1.33 0.00	56.55 -1.22 0.00	52.64 -1.40 0.00	78.34 -1.67 0.00	104.63 -1.71 0.00	94.94 -1.50 0.00	87.79 -1.14 0.00	76.56 -0.89 0.00	66.94 -0.59 0.00	54.47 -0.40 0.00	66.44 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	49.91 -0.88 0.00	51.05 -0.83 0.00	66.16 -0.92 0.00	68.11 -0.88 0.00	77.81 -0.40 0.00	74.09 -0.74 0.00	53.59 -1.39 0.00	59.16 -1.64 0.00	57.11 -1.45 0.00	87.36 -1.24 0.00	78.96 -1.69 0.00	56.60 -1.84 0.00	60.96 -2.12 0.00	26.64 -2.12 34.73	-8.22 -2.35 63.64	51.41 -2.62 0.00	77.09 -2.92 0.00	102.68 -3.65 0.00	93.87 -2.57 0.00	87.20 -1.74 0.00	76.36 -1.09 0.00	66.81 -0.72 0.00	54.27 -0.61 0.00	66.50 -0.28 0.00
MARSHVLE_115KV_TB1 80742	53.18 2.39 0.00	54.40 2.52 0.00	70.14 3.06 0.00	72.21 3.22 0.00	81.98 3.76 0.00	78.82 3.99 0.00	152.75 3.20 -94.58	103.33 3.39 -39.15	61.59 3.03 0.00	92.25 3.65 0.00	84.17 3.53 0.00	60.81 2.37 0.00	65.59 2.51 0.00	65.75 2.27 0.00	59.77 2.00 0.00	63.40 2.34 -7.02	84.18 4.18 0.00	112.92 6.58 0.00	102.61 6.17 0.00	94.61 5.67 0.00	82.38 4.93 0.00	77.01 4.40 -5.08	58.38 3.51 0.00	71.05 4.27 0.00
MARSH_HILL_WT_PWR 323713	46.78 -4.01 0.00	46.79 -5.10 0.00	59.25 -7.83 0.00	61.27 -7.72 0.00	70.07 -8.14 0.00	66.68 -8.15 0.00	52.44 -5.23 -2.69	56.97 -5.16 -1.33	54.02 -4.54 0.00	79.92 -8.68 0.00	72.36 -8.29 0.00	44.35 -6.23 7.86	57.37 -5.72 0.00	58.61 -4.87 0.00	53.57 -4.20 0.00	52.48 -2.67 -1.11	76.75 -3.26 0.00	104.74 -1.59 0.00	96.22 -0.22 0.00	88.25 -0.69 0.00	76.64 -0.81 0.00	67.94 -0.39 -0.80	54.50 -0.38 0.00	65.76 -1.02 0.00
MCINTYRE_115KV_TB2 80467	52.37 1.58 0.00	53.54 1.66 0.00	69.45 2.37 0.00	71.34 2.36 0.00	81.71 3.50 0.00	78.07 3.25 0.00	56.58 1.60 0.00	62.25 1.45 0.00	59.78 1.23 0.00	90.54 1.94 0.00	80.90 0.26 0.00	58.30 -0.14 0.00	63.32 0.24 0.00	63.82 0.34 0.00	57.53 -0.24 0.00	52.90 -1.13 0.00	79.35 -0.65 0.00	105.77 -0.57 0.00	95.73 -0.71 0.00	88.69 -0.25 0.00	77.58 0.13 0.00	68.04 0.52 0.00	55.42 0.54 0.00	67.83 1.04 0.00
MECO_____69_KV_BK1 80468	54.19 3.40 0.00	55.37 3.49 0.00	71.47 4.39 0.00	73.37 4.38 0.00	83.13 4.92 0.00	79.96 5.13 0.00	160.87 4.30 -101.60	107.44 4.77 -41.88	62.33 3.77 0.00	92.38 3.78 0.00	84.90 4.25 0.00	61.64 3.20 0.00	65.92 2.83 0.00	65.96 2.48 0.00	60.53 2.76 0.00	64.42 3.63 -6.76	86.13 6.12 0.00	115.75 9.41 0.00	105.17 8.73 0.00	96.88 7.94 0.00	84.26 6.82 0.00	78.29 5.87 -4.89	59.54 4.67 0.00	72.31 5.52 0.00
MENANDS___115KV_TB5 355628	52.68 1.89 0.00	53.80 1.91 0.00	69.80 2.72 0.00	71.68 2.70 0.00	81.07 2.86 0.00	77.48 2.65 0.00	115.96 2.34 -58.64	83.89 2.92 -20.17	61.38 2.83 0.00	92.86 4.26 0.00	84.76 4.12 0.00	61.48 3.04 0.00	66.12 3.03 0.00	66.46 2.98 0.00	60.70 2.93 0.00	63.09 2.97 -6.08	83.82 3.81 0.00	110.95 4.61 0.00	100.65 4.20 0.00	92.71 3.77 0.00	80.73 3.28 0.00	74.80 2.88 -4.40	57.20 2.32 0.00	69.57 2.78 0.00
MG INDUSTRY___DRP 24185	54.25 3.46 0.00	55.45 3.56 0.00	71.97 4.89 0.00	73.97 4.98 0.00	83.52 5.31 0.00	79.90 5.07 0.00	96.78 4.02 -37.78	79.06 4.56 -13.69	62.54 3.98 0.00	93.38 4.78 0.00	85.26 4.61 0.00	61.45 3.01 0.00	65.31 2.22 0.00	65.67 2.19 0.00	60.06 2.29 0.00	62.38 2.39 -5.95	83.34 3.33 0.00	110.54 4.20 0.00	100.27 3.83 0.00	92.37 3.43 0.00	80.41 2.96 0.00	74.45 2.62 -4.30	57.02 2.14 0.00	69.40 2.62 0.00

MID___OSWEGATCHIE_HYD 23849	50.51 -0.28 0.00	51.76 -0.13 0.00	66.98 -0.10 0.00	69.65 0.67 0.00	79.84 1.63 0.00	76.67 1.85 0.00	55.72 0.74 0.00	61.79 0.94 -0.05	59.39 0.83 0.00	88.73 0.13 0.00	80.13 -0.52 0.00	57.65 -0.79 0.00	62.55 -0.53 0.00	63.14 -0.34 0.00	56.76 -1.01 0.00	52.68 -1.51 -0.16	78.57 -1.44 0.00	105.65 -0.69 0.00	96.44 0.00 0.00	89.58 0.65 0.00	78.06 0.62 0.00	68.56 0.92 -0.12	55.86 0.99 0.00	68.19 1.41 0.00
MID___RAQUETTE_HYD 23851	51.13 0.33 0.00	52.30 0.41 0.00	67.84 0.76 0.00	69.82 0.83 0.00	80.12 1.91 0.00	76.55 1.72 0.00	55.43 0.45 0.00	61.06 0.23 -0.03	58.74 0.18 0.00	88.96 0.36 0.00	80.25 -0.40 0.00	57.85 -0.59 0.00	62.66 -0.42 0.00	63.16 -0.33 0.00	56.74 -1.03 0.00	52.19 -1.93 -0.09	77.75 -2.26 0.00	103.49 -2.85 0.00	93.81 -2.63 0.00	86.99 -1.95 0.00	76.22 -1.23 0.00	67.16 -0.43 -0.06	54.75 -0.12 0.00	66.99 0.21 0.00
MILLIKEN___1 23584	50.61 -0.18 0.00	51.56 -0.33 0.00	66.51 -0.57 0.00	68.47 -0.52 0.00	77.59 -0.63 0.00	74.59 -0.24 0.00	58.15 0.40 -2.77	62.71 0.57 -1.35	59.21 0.66 0.00	88.85 0.25 0.00	80.63 -0.01 0.00	66.68 -0.43 -8.67	62.63 -0.46 0.00	62.87 -0.62 0.00	57.39 -0.38 0.00	55.09 -0.03 -1.08	80.37 0.37 0.00	107.99 1.65 0.00	98.62 2.18 0.00	90.76 1.82 0.00	78.94 1.49 0.00	69.52 1.21 -0.78	55.85 0.98 0.00	67.81 1.02 0.00
MILLIKEN___2 23585	50.61 -0.18 0.00	51.56 -0.33 0.00	66.51 -0.57 0.00	68.47 -0.52 0.00	77.59 -0.63 0.00	74.59 -0.24 0.00	58.15 0.40 -2.77	62.71 0.57 -1.35	59.21 0.66 0.00	88.85 0.25 0.00	80.63 -0.01 0.00	66.68 -0.43 -8.67	62.63 -0.46 0.00	62.87 -0.62 0.00	57.39 -0.38 0.00	55.09 -0.03 -1.08	80.37 0.37 0.00	107.99 1.65 0.00	98.62 2.18 0.00	90.76 1.82 0.00	78.94 1.49 0.00	69.52 1.21 -0.78	55.85 0.98 0.00	67.81 1.02 0.00
MILLIKEN___DIESEL 23629	50.61 -0.18 0.00	51.56 -0.33 0.00	66.51 -0.57 0.00	68.47 -0.52 0.00	77.59 -0.63 0.00	74.59 -0.24 0.00	58.15 0.40 -2.77	62.71 0.57 -1.35	59.21 0.66 0.00	88.85 0.25 0.00	80.63 -0.01 0.00	66.68 -0.43 -8.67	62.63 -0.46 0.00	62.87 -0.62 0.00	57.39 -0.38 0.00	55.09 -0.03 -1.08	80.37 0.37 0.00	107.99 1.65 0.00	98.62 2.18 0.00	90.76 1.82 0.00	78.94 1.49 0.00	69.52 1.21 -0.78	55.85 0.98 0.00	67.81 1.02 0.00
MILLSEAT___LFGE 323607	47.53 -3.26 0.00	48.28 -3.60 0.00	61.87 -5.21 0.00	63.74 -5.25 0.00	72.66 -5.55 0.00	70.13 -4.70 0.00	52.10 -2.88 0.00	57.19 -3.87 -0.26	55.39 -3.17 0.00	82.83 -5.76 0.00	76.09 -4.55 2.24	52.33 -3.87 0.00	59.29 -3.80 0.00	59.45 -4.04 0.00	54.41 -3.36 0.00	52.68 -2.17 -0.82	76.09 -3.92 0.00	101.21 -5.12 0.00	92.32 -4.12 0.00	84.33 -4.61 0.00	73.11 -4.34 0.00	64.66 -3.45 -0.59	52.38 -2.49 0.00	64.18 -2.60 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.91 2.12 0.00	53.83 1.94 0.00	69.40 2.32 0.00	71.20 2.21 0.00	80.51 2.30 0.00	77.59 2.76 0.00	66.46 2.61 -8.88	68.76 3.39 -4.57	61.72 3.16 0.00	93.24 4.64 0.00	85.13 4.48 0.00	61.71 3.27 0.00	66.36 3.27 0.00	66.77 3.29 0.00	61.11 3.34 0.00	62.45 3.48 -4.94	84.68 4.68 0.00	113.05 6.72 0.00	102.63 6.19 0.00	94.46 5.52 0.00	82.22 4.78 0.00	75.17 4.08 -3.56	58.16 3.28 0.00	70.56 3.78 0.00
MILLWOOD_13_KV_LOAD 356217	52.98 2.19 0.00	53.90 2.02 0.00	69.49 2.41 0.00	71.27 2.29 0.00	80.62 2.41 0.00	77.71 2.88 0.00	66.56 2.70 -8.88	68.87 3.50 -4.57	61.81 3.25 0.00	93.37 4.77 0.00	85.24 4.59 0.00	61.79 3.35 0.00	66.44 3.35 0.00	66.85 3.37 0.00	61.19 3.42 0.00	62.52 3.55 -4.94	84.81 4.81 0.00	113.26 6.93 0.00	102.82 6.38 0.00	94.62 5.68 0.00	82.38 4.93 0.00	75.29 4.20 -3.56	58.26 3.38 0.00	70.66 3.87 0.00
MODEL_CITY_ENERGY 24167	45.77 -5.02 0.00	46.52 -5.36 0.00	59.53 -7.55 0.00	61.33 -7.66 0.00	69.88 -8.34 0.00	67.36 -7.47 0.00	49.86 -5.12 0.00	54.58 -6.49 -0.28	53.01 -5.55 0.00	79.68 -8.92 0.00	73.56 -7.09 0.00	50.58 -5.41 2.45	57.67 -5.41 0.00	57.75 -5.73 0.00	52.81 -4.96 0.00	51.16 -3.74 -0.86	73.15 -6.85 0.00	96.85 -9.49 0.00	88.24 -8.20 0.00	80.59 -8.35 0.00	69.94 -7.50 0.00	62.06 -6.08 -0.62	50.40 -4.47 0.00	61.95 -4.83 0.00
MODERN_LFGE___ 323580	45.77 -5.02 0.00	46.52 -5.36 0.00	59.53 -7.55 0.00	61.33 -7.66 0.00	69.88 -8.34 0.00	67.36 -7.47 0.00	49.86 -5.12 0.00	54.58 -6.49 -0.28	53.01 -5.55 0.00	79.68 -8.92 0.00	73.56 -7.09 0.00	50.58 -5.41 2.45	57.67 -5.41 0.00	57.75 -5.73 0.00	52.81 -4.96 0.00	51.16 -3.74 -0.86	73.15 -6.85 0.00	96.85 -9.49 0.00	88.24 -8.20 0.00	80.59 -8.35 0.00	69.94 -7.50 0.00	62.06 -6.08 -0.62	50.40 -4.47 0.00	61.95 -4.83 0.00
MOHAWK_PAPER___DRP 24187	52.93 2.14 0.00	54.04 2.15 0.00	70.08 3.00 0.00	71.98 2.99 0.00	81.41 3.19 0.00	77.89 3.07 0.00	118.38 2.82 -60.59	84.47 3.62 -20.05	62.04 3.48 0.00	93.76 5.16 0.00	85.31 4.67 0.00	61.85 3.41 0.00	66.47 3.38 0.00	66.81 3.33 0.00	61.05 3.28 0.00	63.50 3.37 -6.09	84.28 4.27 0.00	111.72 5.39 0.00	101.36 4.92 0.00	93.36 4.42 0.00	81.27 3.82 0.00	75.29 3.35 -4.41	57.56 2.69 0.00	69.98 3.20 0.00
MOHICAN___35_KV_115KV_LD 80490	55.11 4.32 0.00	56.26 4.37 0.00	72.92 5.84 0.00	74.95 5.96 0.00	84.76 6.55 0.00	81.49 6.67 0.00	162.43 5.71 -101.74	109.11 6.68 -41.64	64.15 5.60 0.00	96.21 7.61 0.00	87.55 6.90 0.00	63.33 4.89 0.00	68.14 5.06 0.00	68.32 4.84 0.00	62.33 4.56 0.00	65.38 5.07 -6.28	87.80 7.79 0.00	117.38 11.05 0.00	106.85 10.41 0.00	98.41 9.47 0.00	85.62 8.17 0.00	79.11 7.05 -4.53	60.58 5.70 0.00	73.46 6.68 0.00
MONGAUP___HYD 23641	53.35 2.56 0.00	54.31 2.43 0.00	70.06 2.98 0.00	71.93 2.94 0.00	81.39 3.18 0.00	78.39 3.56 0.00	66.29 3.20 -8.11	68.95 3.97 -4.19	61.95 3.39 0.00	92.80 4.20 0.00	83.97 3.33 0.00	60.70 2.26 0.00	65.19 2.11 0.00	65.59 2.10 0.00	59.96 2.19 0.00	61.13 2.55 -4.54	84.26 4.26 0.00	113.73 7.40 0.00	103.66 7.22 0.00	95.39 6.45 0.00	83.06 5.60 0.00	75.57 4.77 -3.27	58.68 3.81 0.00	71.13 4.35 0.00
MONTAUK___DIESEL 23721	53.56 2.76 0.00	54.46 2.57 0.00	70.18 3.10 0.00	71.98 2.99 0.00	81.66 3.45 0.00	93.92 4.07 -15.03	111.30 3.99 -52.33	71.24 5.08 -5.37	62.83 4.27 0.00	93.03 4.43 0.00	84.32 3.67 0.00	61.26 2.82 0.00	66.09 3.01 0.00	66.73 3.24 0.00	61.07 3.30 0.00	62.20 3.20 -4.96	84.97 4.97 0.00	114.54 8.21 0.00	103.87 7.43 0.00	95.35 6.41 0.00	83.22 5.77 0.00	76.85 5.74 -3.58	59.86 4.98 0.00	73.81 7.03 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.40 -4.39 0.00	47.31 -4.57 0.00	60.51 -6.57 0.00	62.66 -6.32 0.00	71.24 -6.98 0.00	68.96 -5.86 0.00	51.95 -3.03 0.00	57.87 -3.24 -0.31	56.15 -2.40 0.00	84.45 -4.15 0.00	77.50 -3.15 0.00	52.65 -2.80 2.99	60.30 -2.79 0.00	60.38 -3.10 0.00	55.36 -2.41 0.00	54.01 -1.00 -0.97	77.89 -2.11 0.00	104.00 -2.34 0.00	94.89 -1.55 0.00	86.83 -2.11 0.00	75.06 -2.39 0.00	66.19 -2.03 -0.70	53.02 -1.86 0.00	64.20 -2.59 0.00

MORRIS_RIDGE___SOLAR 323848	46.86 -3.93 0.00	47.28 -4.60 0.00	60.49 -6.59 0.00	62.38 -6.60 0.00	70.97 -7.25 0.00	68.17 -6.66 0.00	53.35 -4.16 -2.53	57.46 -4.59 -1.26	54.40 -4.16 0.00	80.60 -7.99 0.00	73.42 -7.23 0.00	48.36 -5.40 4.68	57.65 -5.44 0.00	58.22 -5.26 0.00	53.32 -4.45 0.00	52.15 -2.96 -1.08	75.66 -4.35 0.00	102.21 -4.12 0.00	93.60 -2.84 0.00	85.76 -3.18 0.00	74.44 -3.01 0.00	66.02 -2.29 -0.78	53.14 -1.74 0.00	64.47 -2.31 0.00
MORTIMER_115KV_TB3 55949	47.95 -2.84 0.00	48.82 -3.07 0.00	62.74 -4.34 0.00	64.63 -4.36 0.00	73.55 -4.67 0.00	70.77 -4.05 0.00	52.51 -2.47 0.00	57.92 -3.11 -0.23	55.96 -2.60 0.00	84.24 -4.37 0.00	77.11 -3.54 0.00	53.89 -2.90 1.65	60.28 -2.81 0.00	60.46 -3.03 0.00	55.17 -2.60 0.00	53.05 -1.71 -0.72	76.90 -3.11 0.00	102.14 -4.20 0.00	92.94 -3.50 0.00	85.09 -3.85 0.00	73.84 -3.61 0.00	65.04 -3.00 -0.52	52.64 -2.24 0.00	64.24 -2.54 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.14 2.35 0.00	54.02 2.14 0.00	69.59 2.51 0.00	71.38 2.40 0.00	80.70 2.48 0.00	77.86 3.03 0.00	66.74 2.84 -8.93	69.11 3.72 -4.60	62.11 3.55 0.00	93.85 5.24 0.00	85.72 5.07 0.00	62.22 3.78 0.00	66.88 3.79 0.00	67.29 3.81 0.00	61.61 3.84 0.00	62.92 3.92 -4.96	85.23 5.22 0.00	113.76 7.42 0.00	103.26 6.82 0.00	95.01 6.07 0.00	82.69 5.24 0.00	75.56 4.45 -3.58	58.53 3.65 0.00	70.92 4.13 0.00
MUNSVILLE_WIND_PWR 323609	52.01 1.22 0.00	53.02 1.13 0.00	68.63 1.55 0.00	70.88 1.89 0.00	79.41 1.19 0.00	77.67 2.84 0.00	64.78 3.37 -6.43	67.04 3.34 -2.90	62.21 3.65 0.00	93.05 4.45 0.00	84.06 3.41 0.00	64.13 1.36 -4.34	64.53 1.44 0.00	64.93 1.45 0.00	59.49 1.72 0.00	57.72 2.09 -1.60	84.58 4.58 0.00	115.27 8.94 0.00	106.87 10.43 0.00	98.40 9.46 0.00	86.15 8.71 0.00	76.44 7.76 -1.15	61.03 6.15 0.00	73.86 7.08 0.00
N SALMON___HYD 24042	51.20 0.41 0.00	52.33 0.45 0.00	67.81 0.73 0.00	69.80 0.82 0.00	79.89 1.67 0.00	76.24 1.41 0.00	55.27 0.30 0.00	61.03 0.24 0.00	58.91 0.36 0.00	90.22 1.62 0.00	80.98 0.33 0.00	58.06 -0.38 0.00	62.61 -0.48 0.00	65.38 -0.50 -2.40	61.20 -0.96 -4.39	52.57 -1.46 0.00	78.88 -1.13 0.00	105.15 -1.19 0.00	96.02 -0.42 0.00	89.11 0.18 0.00	78.03 0.58 0.00	68.41 0.88 0.00	55.55 0.68 0.00	67.93 1.15 0.00
N.AKRON__115KV_KNAPP 355671	47.20 -3.59 0.00	47.95 -3.93 0.00	61.42 -5.66 0.00	63.29 -5.69 0.00	72.13 -6.08 0.00	69.58 -5.25 0.00	51.63 -3.34 0.00	56.68 -4.38 -0.27	54.94 -3.62 0.00	82.30 -6.30 0.00	75.75 -4.90 0.00	52.15 -3.99 2.30	59.11 -3.98 0.00	59.21 -4.28 0.00	54.37 -3.40 0.00	52.50 -2.36 -0.83	75.54 -4.47 0.00	100.34 -6.00 0.00	91.47 -4.97 0.00	83.56 -5.38 0.00	72.46 -4.98 0.00	64.14 -3.98 -0.60	51.99 -2.89 0.00	63.76 -3.02 0.00
N.BELMOR_69_KV_BK1 55787	53.90 3.11 0.00	54.79 2.91 0.00	70.56 3.48 0.00	72.34 3.36 0.00	81.93 3.72 0.00	94.08 4.23 -15.03	111.06 3.76 -52.33	70.83 4.67 -5.37	62.66 4.10 0.00	94.19 5.59 0.00	86.19 5.54 0.00	62.54 4.10 0.00	67.28 4.20 0.00	67.67 4.19 0.00	62.01 4.24 0.00	63.27 4.27 -4.96	86.09 6.09 0.00	114.88 8.54 0.00	104.28 7.84 0.00	96.11 7.18 0.00	83.72 6.27 0.00	76.44 5.33 -3.58	59.25 4.37 0.00	71.83 5.05 0.00
N.E_GEN_SANDY PD 24062	142.63 2.34 -89.50	121.84 2.29 -67.67	92.97 3.01 -22.88	92.26 2.98 -20.30	92.49 3.16 -11.12	95.51 3.27 -17.41	100.58 2.86 -42.74	138.48 3.48 -74.20	109.72 3.29 -47.87	105.92 4.78 -12.54	89.89 4.57 -4.67	72.73 3.37 -10.93	77.21 3.39 -10.73	86.66 3.38 -19.81	84.68 3.33 -23.58	88.13 3.44 -30.65	99.39 4.81 -14.58	127.18 6.44 -14.40	124.55 5.98 -22.13	104.47 5.40 -10.14	98.66 4.69 -16.52	90.28 4.06 -18.69	73.88 3.29 -15.72	88.21 3.82 -17.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.66 1.87 0.00	53.56 1.67 0.00	69.04 1.96 0.00	70.82 1.84 0.00	80.11 1.90 0.00	77.22 2.40 0.00	65.87 2.32 -8.58	68.26 3.03 -4.43	61.36 2.80 0.00	92.80 4.20 0.00	84.70 4.05 0.00	61.35 2.91 0.00	65.97 2.89 0.00	66.41 2.93 0.00	60.77 3.00 0.00	62.03 3.20 -4.79	84.30 4.29 0.00	112.52 6.19 0.00	102.15 5.71 0.00	94.04 5.10 0.00	81.92 4.47 0.00	74.71 3.73 -3.46	57.91 3.04 0.00	70.31 3.53 0.00
N.QUEENS_27_KV_LOAD 356247	53.17 2.38 0.00	54.13 2.25 0.00	69.70 2.62 0.00	71.51 2.53 0.00	80.79 2.58 0.00	78.03 3.21 0.00	66.86 2.96 -8.93	69.27 3.88 -4.60	62.29 3.73 0.00	94.09 5.49 0.00	85.94 5.30 0.00	62.37 3.93 0.00	67.05 3.97 0.00	67.41 3.93 0.00	61.75 3.98 0.00	63.04 4.04 -4.96	85.42 5.42 0.00	114.17 7.83 0.00	103.61 7.17 0.00	95.36 6.42 0.00	82.98 5.53 0.00	75.81 4.70 -3.58	58.71 3.84 0.00	71.16 4.38 0.00
N.TROY___115KV_TB1 355778	53.31 2.52 0.00	54.42 2.53 0.00	70.46 3.38 0.00	72.38 3.39 0.00	81.86 3.65 0.00	78.45 3.63 0.00	139.50 3.08 -81.43	96.40 3.66 -31.94	61.95 3.40 0.00	93.44 4.84 0.00	85.16 4.51 0.00	61.75 3.31 0.00	66.44 3.36 0.00	66.75 3.27 0.00	60.95 3.18 0.00	63.56 3.39 -6.14	84.88 4.88 0.00	112.75 6.41 0.00	102.41 5.97 0.00	94.33 5.39 0.00	82.13 4.69 0.00	76.02 4.06 -4.43	58.16 3.29 0.00	70.62 3.83 0.00
NARROWS_GT1_1 24228	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT1_2 24229	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT1_3 24230	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT1_4 24231	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46

NARROWS_GT1_5 24232	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT1_6 24233	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT1_7 24234	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT1_8 24235	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT2_1 24236	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT2_2 24237	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT2_3 24238	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT2_4 24239	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT2_5 24240	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT2_6 24241	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT2_7 24242	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NARROWS_GT2_8 24243	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	120.31 8.42 -5.56	194.95 7.75 -90.76	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	54.38 3.59 0.00	55.56 3.68 0.00	72.13 5.05 0.00	74.16 5.18 0.00	83.88 5.67 0.00	80.14 5.31 0.00	93.28 4.13 -34.17	78.23 4.86 -12.57	63.13 4.57 0.00	95.10 6.50 0.00	86.75 6.10 0.00	62.73 4.30 0.00	67.24 4.16 0.00	67.53 4.05 0.00	61.69 3.92 0.00	63.71 3.90 -5.77	85.95 5.95 0.00	114.30 7.97 0.00	103.78 7.34 0.00	95.48 6.55 0.00	83.00 5.56 0.00	76.52 4.83 -4.17	58.73 3.85 0.00	71.55 4.77 0.00
NCHELSEA_115KV_TR2 355582	53.44 2.65 0.00	54.40 2.51 0.00	70.16 3.08 0.00	72.01 3.03 0.00	81.48 3.26 0.00	78.48 3.66 0.00	67.51 3.29 -9.25	69.60 4.10 -4.70	62.37 3.81 0.00	94.11 5.50 0.00	85.88 5.23 0.00	62.21 3.77 0.00	66.87 3.79 0.00	67.27 3.79 0.00	61.53 3.76 0.00	62.93 3.92 -4.97	85.54 5.53 0.00	114.29 7.96 0.00	103.85 7.41 0.00	95.56 6.62 0.00	83.17 5.72 0.00	75.95 4.84 -3.59	58.77 3.90 0.00	71.27 4.49 0.00
NEG CAPITAL___MECHNVIL 23645	54.11 3.32 0.00	55.19 3.31 0.00	71.48 4.41 0.00	73.47 4.49 0.00	83.11 4.90 0.00	79.83 5.01 0.00	154.63 4.19 -95.46	104.27 4.88 -38.59	62.95 4.40 0.00	94.67 6.07 0.00	86.27 5.62 0.00	62.49 4.04 0.00	67.23 4.14 0.00	67.51 4.02 0.00	61.61 3.84 0.00	64.46 4.20 -6.23	86.36 6.36 0.00	115.05 8.71 0.00	104.49 8.05 0.00	96.27 7.33 0.00	83.74 6.30 0.00	77.45 5.43 -4.50	59.23 4.36 0.00	71.88 5.10 0.00

NEG CENTRAL_HIGH_ACRES 23767	47.54 -3.25 0.00	48.43 -3.46 0.00	62.29 -4.80 0.00	64.15 -4.84 0.00	72.97 -5.25 0.00	70.22 -4.60 0.00	52.10 -2.87 0.00	57.56 -3.46 -0.23	55.56 -3.00 0.00	83.60 -5.00 0.00	76.40 -4.25 0.00	53.85 -3.39 1.21	59.71 -3.37 0.00	59.98 -3.51 0.00	54.69 -3.08 0.00	52.49 -2.24 -0.70	76.28 -3.73 0.00	101.38 -4.96 0.00	92.22 -4.22 0.00	84.53 -4.40 0.00	73.35 -4.09 0.00	64.51 -3.52 -0.50	52.14 -2.74 0.00	63.55 -3.23 0.00
NEG CENTRAL___DRP 24199	49.39 -1.40 0.00	50.28 -1.60 0.00	64.59 -2.49 0.00	66.50 -2.49 0.00	75.51 -2.70 0.00	72.56 -2.26 0.00	54.03 -0.95 0.00	60.02 -1.02 -0.24	57.83 -0.73 0.00	86.51 -2.09 0.00	78.62 -2.02 0.00	54.74 -1.77 1.93	61.25 -1.84 0.00	61.61 -1.87 0.00	56.26 -1.50 0.00	53.78 -1.01 -0.75	78.61 -1.39 0.00	105.17 -1.16 0.00	95.89 -0.56 0.00	88.15 -0.79 0.00	76.71 -0.74 0.00	67.46 -0.61 -0.54	54.47 -0.40 0.00	66.17 -0.61 0.00
NEG CENTRAL___INDECK 23768	49.38 -1.41 0.00	50.01 -1.88 0.00	63.98 -3.10 0.00	65.96 -3.02 0.00	75.23 -2.99 0.00	72.47 -2.36 0.00	54.10 -0.88 0.00	60.21 -0.90 -0.31	57.94 -0.62 0.00	86.36 -2.24 0.00	78.29 -2.36 0.00	51.84 -2.24 4.36	61.14 -1.95 0.00	61.50 -1.98 0.00	55.65 -2.12 0.00	53.72 -1.27 -0.96	77.40 -2.60 0.00	103.71 -2.62 0.00	95.12 -1.33 0.00	86.94 -2.00 0.00	75.39 -2.06 0.00	66.70 -1.51 -0.69	53.71 -1.16 0.00	65.06 -1.72 0.00
NEG CENTRAL___SENECA 23627	49.33 -1.46 0.00	50.14 -1.75 0.00	64.24 -2.84 0.00	66.18 -2.80 0.00	75.19 -3.02 0.00	72.30 -2.53 0.00	54.04 -0.93 0.00	60.00 -1.07 -0.27	57.81 -0.75 0.00	86.19 -2.41 0.00	78.38 -2.26 0.00	52.88 -1.94 3.63	61.07 -2.02 0.00	61.49 -2.00 0.00	56.17 -1.60 0.00	53.85 -1.01 -0.82	78.49 -1.51 0.00	105.15 -1.18 0.00	95.97 -0.47 0.00	88.13 -0.81 0.00	76.75 -0.69 0.00	67.67 -0.45 -0.59	54.62 -0.25 0.00	66.31 -0.47 0.00
NEG CENTRAL___STATE_STREET 24147	49.95 -0.85 0.00	50.89 -1.00 0.00	65.62 -1.46 0.00	67.52 -1.46 0.00	76.64 -1.57 0.00	73.54 -1.29 0.00	54.44 -0.54 0.00	60.46 -0.57 -0.24	58.34 -0.22 0.00	87.67 -0.93 0.00	79.63 -1.02 0.00	58.40 -1.02 -0.99	62.05 -1.03 0.00	62.37 -1.11 0.00	56.94 -0.83 0.00	54.36 -0.41 -0.73	79.55 -0.46 0.00	106.02 -0.32 0.00	96.57 0.13 0.00	89.09 0.16 0.00	77.48 0.04 0.00	67.83 -0.23 -0.53	54.84 -0.04 0.00	66.65 -0.13 0.00
NEG MILLWOOD___DRP 24198	53.65 2.86 0.00	54.60 2.72 0.00	70.44 3.36 0.00	72.28 3.30 0.00	81.76 3.54 0.00	78.80 3.98 0.00	67.75 3.58 -9.20	69.98 4.48 -4.71	62.73 4.17 0.00	94.65 6.05 0.00	86.40 5.76 0.00	62.60 4.16 0.00	67.29 4.20 0.00	67.67 4.19 0.00	61.91 4.14 0.00	63.30 4.25 -5.02	85.98 5.97 0.00	114.91 8.57 0.00	104.43 7.99 0.00	96.08 7.14 0.00	83.61 6.16 0.00	76.36 5.21 -3.62	59.08 4.20 0.00	71.61 4.82 0.00
NEG NORTH_FLCN_SEA 23793	50.56 -0.23 0.00	51.74 -0.14 0.00	67.09 0.01 0.00	69.03 0.04 0.00	78.75 0.54 0.00	74.88 0.05 0.00	54.15 -0.82 0.00	59.74 -1.06 0.00	57.66 -0.90 0.00	88.13 -0.47 0.00	79.73 -0.92 0.00	57.00 -1.44 0.00	61.42 -1.67 0.00	24.66 -1.74 37.09	-12.23 -2.02 67.97	51.84 -2.19 0.00	77.86 -2.15 0.00	103.83 -2.50 0.00	94.96 -1.48 0.00	88.07 -0.87 0.00	76.90 -0.55 0.00	67.29 -0.24 0.00	54.66 -0.21 0.00	67.34 0.56 0.00
NEG NORTH_KES_CHATEGAY 23792	50.13 -0.66 0.00	51.24 -0.65 0.00	66.42 -0.66 0.00	68.38 -0.61 0.00	78.12 -0.09 0.00	74.36 -0.46 0.00	53.79 -1.19 0.00	59.39 -1.41 0.00	57.29 -1.27 0.00	87.58 -1.02 0.00	78.94 -1.70 0.00	56.60 -1.84 0.00	61.02 -2.06 0.00	65.01 -2.09 -3.61	62.04 -2.35 -6.61	51.35 -2.69 0.00	77.21 -2.80 0.00	103.00 -3.33 0.00	94.14 -2.30 0.00	87.41 -1.52 0.00	76.55 -0.90 0.00	67.00 -0.53 0.00	54.39 -0.49 0.00	66.59 -0.19 0.00
NEG NORTH___ALICE_FALLS 23915	50.81 0.02 0.00	51.97 0.08 0.00	67.33 0.25 0.00	69.31 0.32 0.00	79.14 0.93 0.00	75.38 0.55 0.00	54.58 -0.40 0.00	60.24 -0.56 0.00	58.11 -0.44 0.00	88.71 0.11 0.00	80.19 -0.46 0.00	57.33 -1.11 0.00	61.77 -1.31 0.00	87.89 -1.37 -25.78	103.33 -1.69 -47.25	52.13 -1.90 0.00	78.38 -1.62 0.00	104.61 -1.73 0.00	95.72 -0.72 0.00	88.81 -0.13 0.00	77.61 0.16 0.00	67.90 0.38 0.00	55.14 0.27 0.00	67.72 0.94 0.00
NEG NORTH___LWR_SARANAC 23913	50.81 0.02 0.00	51.97 0.08 0.00	67.33 0.25 0.00	69.31 0.32 0.00	79.14 0.93 0.00	75.38 0.55 0.00	54.58 -0.40 0.00	60.24 -0.56 0.00	58.11 -0.44 0.00	88.71 0.11 0.00	80.19 -0.46 0.00	57.33 -1.11 0.00	61.77 -1.31 0.00	87.89 -1.37 -25.78	103.33 -1.69 -47.25	52.13 -1.90 0.00	78.38 -1.62 0.00	104.61 -1.73 0.00	95.72 -0.72 0.00	88.81 -0.13 0.00	77.61 0.16 0.00	67.90 0.38 0.00	55.14 0.27 0.00	67.72 0.94 0.00
NEG NORTH___PLATTSBURG 23628	50.81 0.02 0.00	51.97 0.08 0.00	67.33 0.25 0.00	69.31 0.33 0.00	79.14 0.93 0.00	75.38 0.55 0.00	54.58 -0.40 0.00	60.24 -0.56 0.00	58.11 -0.44 0.00	88.71 0.11 0.00	80.19 -0.46 0.00	57.33 -1.11 0.00	61.77 -1.31 0.00	87.89 -1.38 -25.78	103.33 -1.70 -47.25	52.13 -1.91 0.00	78.38 -1.62 0.00	104.61 -1.73 0.00	95.72 -0.72 0.00	88.81 -0.13 0.00	77.61 0.16 0.00	67.91 0.38 0.00	55.14 0.27 0.00	67.72 0.94 0.00
NEG WEST_LEA_LOCKPORT 23791	46.25 -4.54 0.00	46.99 -4.90 0.00	60.16 -6.92 0.00	61.99 -6.99 0.00	70.63 -7.58 0.00	68.06 -6.77 0.00	50.42 -4.56 0.00	55.25 -5.82 -0.27	53.62 -4.93 0.00	80.60 -8.00 0.00	74.35 -6.30 0.00	51.13 -4.88 2.43	58.24 -4.84 0.00	58.35 -5.14 0.00	53.35 -4.42 0.00	51.71 -3.18 -0.85	74.07 -5.94 0.00	98.15 -8.18 0.00	89.42 -7.02 0.00	81.66 -7.28 0.00	70.85 -6.60 0.00	62.82 -5.32 -0.61	51.01 -3.87 0.00	62.63 -4.15 0.00
NEG WEST___LANCASTER 23811	48.55 -2.24 0.00	49.31 -2.58 0.00	63.29 -3.79 0.00	65.21 -3.78 0.00	74.15 -4.06 0.00	71.24 -3.59 0.00	52.92 -2.05 0.00	58.32 -2.79 -0.31	56.44 -2.11 0.00	84.87 -3.72 0.00	78.04 -2.61 0.00	53.29 -2.17 2.99	61.21 -1.88 0.00	61.38 -2.11 0.00	56.08 -1.70 0.00	54.17 -0.84 -0.97	77.70 -2.30 0.00	103.27 -3.06 0.00	94.05 -2.39 0.00	85.85 -3.09 0.00	74.47 -2.97 0.00	66.02 -2.21 -0.70	53.57 -1.31 0.00	65.55 -1.23 0.00
NEG_PENN_ALLEGHNY 23528	50.06 -0.73 0.00	51.02 -0.86 0.00	65.80 -1.28 0.00	67.71 -1.27 0.00	76.69 -1.53 0.00	73.60 -1.23 0.00	58.90 -0.35 -4.27	62.64 -0.23 -2.07	58.46 -0.10 0.00	87.85 -0.75 0.00	79.98 -0.67 0.00	56.33 -0.68 1.42	62.50 -0.59 0.00	62.77 -0.72 0.00	57.30 -0.47 0.00	55.62 -0.08 -1.66	79.75 -0.25 0.00	106.64 0.31 0.00	97.05 0.61 0.00	89.22 0.28 0.00	77.56 0.12 0.00	68.95 0.23 -1.20	55.06 0.18 0.00	66.88 0.10 0.00
NEG___GEN_MONROE 24207	48.22 -2.57 0.00	49.08 -2.81 0.00	63.04 -4.04 0.00	64.94 -4.05 0.00	73.94 -4.28 0.00	71.22 -3.61 0.00	52.88 -2.09 0.00	58.31 -2.72 -0.23	56.32 -2.23 0.00	84.61 -3.99 0.00	77.44 -3.21 0.00	53.99 -2.77 1.68	60.35 -2.74 0.00	60.54 -2.95 0.00	55.27 -2.50 0.00	53.27 -1.49 -0.72	77.25 -2.75 0.00	102.80 -3.54 0.00	93.66 -2.79 0.00	85.69 -3.24 0.00	74.32 -3.13 0.00	65.50 -2.55 -0.52	53.00 -1.88 0.00	64.69 -2.09 0.00

NEPA__ENERGY 23901	47.02 -3.77 0.00	47.81 -4.08 0.00	61.29 -5.79 0.00	63.23 -5.75 0.00	71.79 -6.42 0.00	69.04 -5.79 0.00	53.16 -3.43 -1.61	57.24 -3.87 -0.31	55.34 -3.22 0.00	83.15 -5.45 0.00	76.09 -4.55 0.00	51.63 -3.77 3.04	59.56 -3.53 0.00	59.68 -3.80 0.00	54.60 -3.17 0.00	52.81 -2.20 -0.98	75.81 -4.19 0.00	101.18 -5.16 0.00	92.18 -4.26 0.00	84.39 -4.54 0.00	73.20 -4.25 0.00	64.83 -3.41 -0.71	52.18 -2.69 0.00	63.60 -3.18 0.00
NEVERSink__HYD 23608	52.79 1.99 0.00	53.76 1.87 0.00	69.35 2.27 0.00	71.21 2.23 0.00	80.59 2.38 0.00	77.69 2.86 0.00	67.20 2.73 -9.50	68.84 3.45 -4.60	61.69 3.13 0.00	92.91 4.31 0.00	84.46 3.81 0.00	61.26 2.82 0.00	65.71 2.63 0.00	66.09 2.60 0.00	60.38 2.61 0.00	61.40 2.85 -4.51	84.37 4.37 0.00	113.17 6.84 0.00	102.83 6.39 0.00	94.66 5.73 0.00	82.40 4.95 0.00	74.93 4.15 -3.25	58.18 3.31 0.00	70.51 3.73 0.00
NEWKRMKL_115KV_TB1 55635	52.47 1.67 0.00	53.63 1.75 0.00	69.63 2.55 0.00	71.50 2.51 0.00	80.85 2.64 0.00	77.18 2.36 0.00	114.22 2.09 -57.15	84.14 2.60 -20.74	61.06 2.50 0.00	92.42 3.82 0.00	84.46 3.82 0.00	61.21 2.77 0.00	65.85 2.76 0.00	66.20 2.71 0.00	60.41 2.64 0.00	62.78 2.65 -6.09	83.45 3.44 0.00	110.36 4.03 0.00	100.08 3.63 0.00	92.18 3.25 0.00	80.24 2.79 0.00	74.39 2.46 -4.40	56.88 2.00 0.00	69.23 2.44 0.00
NEWTON__FALLS_HYD 23847	50.51 -0.28 0.00	51.76 -0.13 0.00	66.98 -0.10 0.00	69.65 0.67 0.00	79.84 1.63 0.00	76.67 1.85 0.00	55.72 0.74 0.00	61.79 0.94 -0.05	59.39 0.83 0.00	88.73 0.13 0.00	80.13 -0.52 0.00	57.65 -0.79 0.00	62.55 -0.53 0.00	63.14 -0.34 0.00	56.76 -1.01 0.00	52.68 -1.51 -0.16	78.57 -1.44 0.00	105.65 -0.69 0.00	96.44 0.00 0.00	89.58 0.65 0.00	78.06 0.62 0.00	68.56 0.92 -0.12	55.86 0.99 0.00	68.19 1.41 0.00
NGRID_A1_DSASP 323792	45.58 -5.21 0.00	46.42 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.71 0.00	69.77 -8.44 0.00	67.18 -7.64 0.00	49.72 -5.25 0.00	54.35 -6.73 -0.28	52.81 -5.75 0.00	79.61 -8.99 0.00	73.46 -7.18 0.00	50.46 -5.52 2.47	57.68 -5.41 0.00	57.78 -5.70 0.00	52.78 -4.99 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.07 -10.26 0.00	87.44 -9.00 0.00	79.83 -9.11 0.00	69.25 -8.19 0.00	61.47 -6.68 -0.62	49.98 -4.90 0.00	61.46 -5.32 0.00
NGRID_A2_DSASP 323793	45.58 -5.21 0.00	46.42 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.71 0.00	69.77 -8.44 0.00	67.18 -7.64 0.00	49.72 -5.25 0.00	54.35 -6.73 -0.28	52.81 -5.75 0.00	79.61 -8.99 0.00	73.46 -7.18 0.00	50.46 -5.52 2.47	57.68 -5.41 0.00	57.78 -5.70 0.00	52.78 -4.99 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.07 -10.26 0.00	87.44 -9.00 0.00	79.83 -9.11 0.00	69.25 -8.19 0.00	61.47 -6.68 -0.62	49.98 -4.90 0.00	61.46 -5.32 0.00
NGRID_A4_DSASP 323807	45.58 -5.21 0.00	46.42 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.71 0.00	69.77 -8.44 0.00	67.18 -7.64 0.00	49.72 -5.25 0.00	54.35 -6.73 -0.28	52.81 -5.75 0.00	79.61 -8.99 0.00	73.46 -7.18 0.00	50.46 -5.52 2.47	57.68 -5.41 0.00	57.78 -5.70 0.00	52.78 -4.99 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.07 -10.26 0.00	87.44 -9.00 0.00	79.83 -9.11 0.00	69.25 -8.19 0.00	61.47 -6.68 -0.62	49.98 -4.90 0.00	61.46 -5.32 0.00
NIAGARA_115E_LBMP 323715	45.48 -5.31 0.00	46.23 -5.66 0.00	59.14 -7.94 0.00	60.92 -8.07 0.00	69.42 -8.80 0.00	66.90 -7.93 0.00	49.49 -5.48 0.00	54.16 -6.91 -0.28	52.62 -5.94 0.00	79.13 -9.47 0.00	73.12 -7.52 0.00	50.22 -5.74 2.48	57.34 -5.74 0.00	57.42 -6.07 0.00	52.49 -5.28 0.00	50.85 -4.05 -0.86	72.63 -7.38 0.00	96.10 -10.23 0.00	87.56 -8.88 0.00	79.95 -8.98 0.00	69.41 -8.04 0.00	61.61 -6.55 -0.62	50.05 -4.83 0.00	61.58 -5.20 0.00
NIAGARA_115W_LBMP 323714	45.52 -5.28 0.00	46.37 -5.52 0.00	59.39 -7.69 0.00	61.20 -7.78 0.00	69.69 -8.52 0.00	67.11 -7.72 0.00	49.67 -5.31 0.00	54.28 -6.80 -0.28	52.75 -5.81 0.00	79.52 -9.08 0.00	73.37 -7.27 0.00	50.41 -5.57 2.46	57.61 -5.47 0.00	57.71 -5.78 0.00	52.72 -5.05 0.00	51.03 -3.87 -0.86	72.91 -7.09 0.00	95.89 -10.45 0.00	87.28 -9.16 0.00	79.68 -9.25 0.00	69.14 -8.31 0.00	61.35 -6.80 -0.62	49.89 -4.98 0.00	61.34 -5.44 0.00
NIAGARA_230_LBMP 323716	45.81 -4.98 0.00	46.60 -5.29 0.00	59.71 -7.37 0.00	61.54 -7.45 0.00	70.07 -8.15 0.00	67.45 -7.38 0.00	49.92 -5.05 0.00	54.62 -6.46 -0.28	53.04 -5.51 0.00	79.93 -8.66 0.00	73.74 -6.91 0.00	50.73 -5.31 2.40	57.88 -5.20 0.00	57.98 -5.50 0.00	52.98 -4.79 0.00	51.29 -3.60 -0.85	73.37 -6.64 0.00	96.95 -9.39 0.00	88.24 -8.20 0.00	80.59 -8.35 0.00	69.92 -7.53 0.00	62.03 -6.11 -0.61	50.42 -4.46 0.00	61.95 -4.83 0.00
NIAGARA__115KV_198_GIBSON 55903	45.50 -5.29 0.00	46.38 -5.51 0.00	59.39 -7.69 0.00	61.20 -7.78 0.00	69.69 -8.52 0.00	67.10 -7.73 0.00	49.66 -5.32 0.00	54.27 -6.80 -0.28	52.73 -5.83 0.00	79.52 -9.08 0.00	73.38 -7.26 0.00	50.41 -5.57 2.46	57.60 -5.48 0.00	57.70 -5.78 0.00	52.72 -5.06 0.00	51.04 -3.86 -0.86	72.91 -7.09 0.00	95.89 -10.45 0.00	87.29 -9.15 0.00	79.68 -9.26 0.00	69.14 -8.31 0.00	61.36 -6.79 -0.62	49.89 -4.98 0.00	61.35 -5.43 0.00
NIAGARA____ 23760	45.81 -4.98 0.00	46.60 -5.29 0.00	59.71 -7.37 0.00	61.54 -7.45 0.00	70.07 -8.15 0.00	67.45 -7.38 0.00	49.92 -5.05 0.00	54.62 -6.46 -0.28	53.04 -5.51 0.00	79.93 -8.66 0.00	73.74 -6.91 0.00	50.72 -5.31 2.42	57.88 -5.20 0.00	57.98 -5.50 0.00	52.98 -4.79 0.00	51.30 -3.60 -0.86	73.37 -6.64 0.00	96.95 -9.39 0.00	88.24 -8.20 0.00	80.59 -8.35 0.00	69.92 -7.53 0.00	62.04 -6.11 -0.62	50.42 -4.46 0.00	61.95 -4.83 0.00
NINE_MILE_1 23575	48.37 -2.42 0.00	49.37 -2.52 0.00	63.73 -3.35 0.00	65.59 -3.40 0.00	74.40 -3.82 0.00	71.32 -3.51 0.00	52.68 -2.30 0.00	58.38 -2.55 -0.13	56.19 -2.36 0.00	84.73 -3.87 0.00	77.23 -3.42 0.00	55.83 -2.61 0.00	60.32 -2.76 0.00	60.63 -2.86 0.00	55.28 -2.49 0.00	52.36 -2.07 -0.40	76.85 -3.15 0.00	102.32 -4.02 0.00	92.93 -3.51 0.00	85.54 -3.39 0.00	74.40 -3.05 0.00	65.18 -2.63 -0.29	52.75 -2.12 0.00	64.18 -2.60 0.00
NINE_MILE_2 23744	48.37 -2.42 0.00	49.37 -2.52 0.00	63.73 -3.35 0.00	65.60 -3.39 0.00	74.40 -3.81 0.00	71.32 -3.51 0.00	52.68 -2.30 0.00	58.38 -2.54 -0.13	56.20 -2.36 0.00	84.73 -3.87 0.00	77.23 -3.42 0.00	55.84 -2.61 0.00	60.33 -2.76 0.00	60.63 -2.86 0.00	55.29 -2.48 0.00	52.36 -2.07 -0.40	76.85 -3.15 0.00	102.32 -4.02 0.00	92.93 -3.51 0.00	85.55 -3.39 0.00	74.42 -3.03 0.00	65.18 -2.63 -0.29	52.76 -2.12 0.00	64.18 -2.60 0.00
NM_CAPITAL__DRP 24208	52.58 1.79 0.00	53.71 1.83 0.00	69.70 2.62 0.00	71.58 2.59 0.00	80.93 2.72 0.00	77.33 2.50 0.00	112.58 2.20 -55.40	82.96 2.75 -19.41	61.21 2.65 0.00	92.60 4.00 0.00	84.57 3.92 0.00	61.32 2.88 0.00	65.96 2.88 0.00	66.32 2.84 0.00	60.55 2.78 0.00	62.91 2.80 -6.07	83.63 3.62 0.00	110.63 4.30 0.00	100.36 3.91 0.00	92.44 3.51 0.00	80.49 3.05 0.00	74.62 2.70 -4.39	57.04 2.17 0.00	69.40 2.62 0.00

NM_CENTRAL___DRP 24181	49.12 -1.67 0.00	50.10 -1.78 0.00	64.65 -2.43 0.00	66.53 -2.45 0.00	75.45 -2.76 0.00	72.45 -2.38 0.00	53.65 -1.33 0.00	59.63 -1.35 -0.18	57.40 -1.16 0.00	86.39 -2.21 0.00	78.79 -1.86 0.00	56.89 -1.55 0.00	61.43 -1.65 0.00	61.74 -1.74 0.00	56.34 -1.43 0.00	53.65 -0.93 -0.54	78.56 -1.45 0.00	104.67 -1.66 0.00	95.18 -1.26 0.00	87.55 -1.39 0.00	76.07 -1.38 0.00	66.70 -1.22 -0.39	53.88 -0.99 0.00	65.48 -1.30 0.00
NM_FRONTIER___DRP 24179	45.50 -5.29 0.00	46.38 -5.51 0.00	59.39 -7.69 0.00	61.20 -7.78 0.00	69.69 -8.52 0.00	67.10 -7.73 0.00	49.66 -5.32 0.00	54.27 -6.80 -0.28	52.73 -5.83 0.00	79.52 -9.08 0.00	73.38 -7.26 0.00	50.41 -5.57 2.46	57.60 -5.48 0.00	57.70 -5.78 0.00	52.72 -5.06 0.00	51.04 -3.86 -0.86	72.91 -7.09 0.00	95.89 -10.45 0.00	87.29 -9.15 0.00	79.68 -9.26 0.00	69.14 -8.31 0.00	61.36 -6.79 -0.62	49.89 -4.98 0.00	61.35 -5.43 0.00
NM_ST_REGIS___HYD 24053	51.15 0.36 0.00	52.33 0.45 0.00	67.87 0.79 0.00	69.86 0.87 0.00	80.12 1.91 0.00	76.50 1.67 0.00	55.40 0.42 0.00	61.08 0.25 -0.03	58.80 0.24 0.00	89.32 0.72 0.00	80.40 -0.24 0.00	57.90 -0.55 0.00	62.63 -0.45 0.00	64.00 -0.41 -0.92	58.40 -1.06 -1.69	52.25 -1.86 -0.08	78.00 -2.01 0.00	103.89 -2.44 0.00	94.39 -2.05 0.00	87.55 -1.38 0.00	76.71 -0.74 0.00	67.51 -0.08 -0.06	54.97 0.10 0.00	67.25 0.46 0.00
NORTHPORT___1 23551	54.34 3.55 0.00	55.25 3.36 0.00	71.13 4.04 0.00	72.97 3.98 0.00	82.64 4.43 0.00	94.68 4.83 -15.03	111.52 4.21 -52.33	71.33 5.16 -5.37	63.08 4.53 0.00	94.67 6.07 0.00	86.61 5.97 0.00	62.89 4.45 0.00	67.69 4.61 0.00	68.19 4.70 0.00	62.48 4.71 0.00	63.63 4.64 -4.96	86.52 6.51 0.00	115.62 9.28 0.00	104.93 8.48 0.00	96.58 7.64 0.00	84.11 6.67 0.00	76.85 5.75 -3.58	59.64 4.77 0.00	72.38 5.60 0.00
NORTHPORT___2 23552	54.34 3.55 0.00	55.25 3.36 0.00	71.13 4.04 0.00	72.97 3.98 0.00	82.64 4.43 0.00	94.68 4.83 -15.03	111.52 4.21 -52.33	71.33 5.16 -5.37	63.08 4.53 0.00	94.67 6.07 0.00	86.61 5.97 0.00	62.89 4.45 0.00	67.69 4.61 0.00	68.19 4.70 0.00	62.48 4.71 0.00	63.63 4.64 -4.96	86.52 6.51 0.00	115.62 9.28 0.00	104.93 8.48 0.00	96.58 7.64 0.00	84.11 6.67 0.00	76.85 5.75 -3.58	59.64 4.77 0.00	72.38 5.60 0.00
NORTHPORT___3 23553	53.85 3.06 0.00	54.77 2.89 0.00	70.52 3.44 0.00	72.32 3.33 0.00	81.92 3.70 0.00	93.88 4.02 -15.03	110.89 3.59 -52.33	70.58 4.42 -5.37	62.33 3.77 0.00	93.70 5.10 0.00	85.93 5.29 0.00	62.41 3.96 0.00	67.17 4.08 0.00	67.61 4.12 0.00	61.93 4.16 0.00	63.04 4.04 -4.96	85.59 5.59 0.00	114.26 7.92 0.00	103.74 7.29 0.00	95.59 6.65 0.00	83.27 5.83 0.00	76.12 5.02 -3.58	59.08 4.21 0.00	71.74 4.96 0.00
NORTHPORT___4 23650	53.85 3.06 0.00	54.77 2.89 0.00	70.52 3.44 0.00	72.32 3.33 0.00	81.92 3.70 0.00	93.88 4.02 -15.03	110.89 3.59 -52.33	70.58 4.42 -5.37	62.33 3.77 0.00	93.70 5.10 0.00	85.93 5.29 0.00	62.41 3.96 0.00	67.17 4.08 0.00	67.61 4.12 0.00	61.93 4.16 0.00	63.04 4.04 -4.96	85.59 5.59 0.00	114.26 7.92 0.00	103.74 7.29 0.00	95.59 6.65 0.00	83.27 5.83 0.00	76.12 5.02 -3.58	59.08 4.21 0.00	71.74 4.96 0.00
NORTHPORT___IC 23718	54.34 3.55 0.00	55.25 3.36 0.00	71.13 4.04 0.00	72.97 3.99 0.00	82.64 4.43 0.00	94.68 4.83 -15.03	111.52 4.22 -52.33	71.32 5.16 -5.37	63.08 4.52 0.00	94.67 6.07 0.00	86.62 5.97 0.00	62.89 4.45 0.00	67.70 4.62 0.00	68.18 4.70 0.00	62.48 4.71 0.00	63.64 4.64 -4.96	86.52 6.51 0.00	115.62 9.28 0.00	104.93 8.48 0.00	96.58 7.64 0.00	84.11 6.67 0.00	76.85 5.74 -3.58	59.65 4.77 0.00	72.38 5.60 0.00
NORTH___COUNTRY_ESR 323785	49.95 -0.84 0.00	51.07 -0.81 0.00	66.17 -0.91 0.00	68.14 -0.84 0.00	77.87 -0.34 0.00	74.12 -0.70 0.00	53.56 -1.41 0.00	59.11 -1.69 0.00	57.07 -1.48 0.00	87.40 -1.20 0.00	78.93 -1.72 0.00	56.58 -1.86 0.00	60.96 -2.12 0.00	64.41 -2.10 -3.02	60.95 -2.36 -5.53	51.34 -2.70 0.00	77.02 -2.99 0.00	102.56 -3.77 0.00	93.69 -2.76 0.00	87.06 -1.88 0.00	76.26 -1.19 0.00	66.73 -0.80 0.00	54.18 -0.70 0.00	66.35 -0.43 0.00
NPX_GEN_1385_PROXY 323591	184.20 4.70 -128.71	194.05 4.52 -137.65	216.34 5.56 -143.70	206.05 5.52 -131.54	114.96 6.17 -30.57	140.78 6.50 -59.45	173.43 5.47 -112.99	138.05 6.54 -70.71	92.34 5.87 -27.92	107.04 8.08 -10.36	88.45 7.81 0.00	63.99 5.55 0.00	68.87 5.79 0.00	69.64 6.16 0.00	135.62 6.03 -71.82	225.05 5.89 -165.13	88.05 8.05 0.00	117.68 11.34 0.00	107.04 10.60 0.00	118.13 9.66 -19.53	114.10 8.44 -28.21	191.76 7.29 -116.94	175.39 6.03 -114.48	172.09 7.10 -98.21
NPX_GEN_CSC 323557	54.50 3.71 0.00	55.45 3.56 0.00	71.39 4.31 0.00	73.23 4.25 0.00	82.98 4.77 0.00	95.04 5.19 -15.03	111.98 4.68 -52.33	71.86 5.70 -5.37	68.24 4.87 -4.81	105.01 6.04 -10.36	85.95 5.30 0.00	62.46 4.01 0.00	67.46 4.38 0.00	67.96 4.48 0.00	87.98 4.44 -25.77	65.41 4.19 -7.19	86.04 6.03 0.00	115.59 9.25 0.00	104.44 8.00 0.00	96.03 7.10 0.00	83.59 6.15 0.00	76.60 5.49 -3.58	59.60 4.72 0.00	72.56 5.78 0.00
NSINS_S__GLNS_FALLS 23858	55.06 4.26 0.00	56.20 4.32 0.00	72.85 5.77 0.00	74.86 5.88 0.00	84.68 6.47 0.00	81.42 6.59 0.00	163.07 5.65 -102.45	109.37 6.59 -41.98	64.11 5.55 0.00	96.17 7.57 0.00	87.49 6.84 0.00	63.29 4.85 0.00	68.10 5.01 0.00	68.27 4.79 0.00	62.27 4.50 0.00	65.32 5.00 -6.28	87.71 7.70 0.00	117.27 10.93 0.00	106.71 10.27 0.00	98.30 9.36 0.00	85.52 8.07 0.00	79.02 6.96 -4.53	60.51 5.63 0.00	73.40 6.61 0.00
NUCOR_STEEL___DRP 24197	49.93 -0.86 0.00	50.88 -1.00 0.00	65.64 -1.44 0.00	67.54 -1.44 0.00	76.64 -1.57 0.00	73.53 -1.30 0.00	54.37 -0.60 0.00	60.37 -0.66 -0.23	58.29 -0.27 0.00	87.63 -0.97 0.00	79.56 -1.09 0.00	58.57 -1.01 -1.14	62.06 -1.03 0.00	62.39 -1.10 0.00	56.94 -0.83 0.00	54.33 -0.41 -0.71	79.55 -0.45 0.00	105.92 -0.42 0.00	96.44 0.00 0.00	88.97 0.03 0.00	77.38 -0.07 0.00	67.71 -0.33 -0.51	54.76 -0.11 0.00	66.58 -0.20 0.00
NUMBER_THREE_WT_PWR 323818	50.10 -0.69 0.00	51.48 -0.41 0.00	66.52 -0.56 0.00	70.04 1.05 0.00	80.18 1.97 0.00	77.42 2.59 0.00	56.42 1.44 0.00	62.78 1.91 -0.07	60.36 1.80 0.00	88.96 0.36 0.00	80.42 -0.23 0.00	57.75 -0.69 0.00	62.64 -0.44 0.00	63.27 -0.21 0.00	57.08 -0.69 0.00	53.50 -0.75 -0.22	79.85 -0.15 0.00	108.30 1.97 0.00	99.35 2.91 0.00	92.49 3.55 0.00	80.21 2.77 0.00	70.27 2.59 -0.16	57.25 2.37 0.00	69.76 2.98 0.00
NYISO_LBMP_REFERENCE 24008	50.79 0.00 0.00	51.88 0.00 0.00	67.08 0.00 0.00	68.99 0.00 0.00	78.21 0.00 0.00	74.83 0.00 0.00	54.98 0.00 0.00	60.80 0.00 0.00	58.56 0.00 0.00	88.60 0.00 0.00	80.64 0.00 0.00	58.44 0.00 0.00	63.09 0.00 0.00	63.48 0.00 0.00	57.77 0.00 0.00	54.04 0.00 0.00	80.01 0.00 0.00	106.34 0.00 0.00	96.44 0.00 0.00	88.94 0.00 0.00	77.45 0.00 0.00	67.53 0.00 0.00	54.88 0.00 0.00	66.78 0.00 0.00

NYPA_BRENTWD____GT 24164	54.73 3.94 0.00	55.61 3.73 0.00	71.59 4.51 0.00	73.46 4.48 0.00	83.22 5.00 0.00	95.32 5.47 -15.03	111.94 4.64 -52.33	71.83 5.67 -5.37	63.65 5.09 0.00	95.39 6.79 0.00	87.18 6.53 0.00	63.24 4.80 0.00	68.05 4.96 0.00	68.51 5.03 0.00	62.81 5.04 0.00	64.07 5.07 -4.96	87.40 7.39 0.00	116.97 10.64 0.00	106.26 9.82 0.00	97.72 8.78 0.00	85.02 7.57 0.00	77.59 6.48 -3.58	60.18 5.31 0.00	72.96 6.18 0.00
NYPA_GOWANUS____GT5 24156	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NYPA_GOWANUS____GT6 24157	63.22 2.81 -9.62	61.83 2.58 -7.37	70.00 2.92 0.00	71.77 2.78 0.00	81.06 2.84 0.00	78.22 3.39 0.00	67.01 3.11 -8.93	69.54 4.14 -4.61	67.00 4.07 -4.38	94.50 5.89 0.00	86.34 5.70 0.00	64.52 4.33 -1.75	68.26 4.37 -0.81	67.80 4.32 0.00	65.59 4.39 -3.42	68.20 4.46 -9.71	85.93 5.87 -0.05	141.50 8.42 -26.75	198.91 7.75 -94.72	162.35 6.90 -66.51	117.37 6.00 -33.92	79.48 5.13 -6.82	69.36 4.21 -10.28	73.05 4.81 -1.46
NYPA_HARLEM_RVR_GT1 24160	53.07 2.28 0.00	54.05 2.16 0.00	69.57 2.50 0.00	71.40 2.41 0.00	80.67 2.45 0.00	77.88 3.06 0.00	66.75 2.85 -8.93	69.17 3.77 -4.60	62.19 3.63 0.00	93.91 5.31 0.00	85.79 5.14 0.00	62.24 3.80 0.00	66.91 3.83 0.00	67.28 3.80 0.00	61.63 3.86 0.00	62.93 3.93 -4.96	85.26 5.25 0.00	113.92 7.59 0.00	103.39 6.95 0.00	95.16 6.22 0.00	82.81 5.36 0.00	75.67 4.57 -3.58	58.60 3.72 0.00	71.05 4.27 0.00
NYPA_HARLEM_RVR_GT2 24161	53.07 2.28 0.00	54.05 2.16 0.00	69.57 2.50 0.00	71.40 2.41 0.00	80.67 2.45 0.00	77.88 3.06 0.00	66.75 2.85 -8.93	69.17 3.77 -4.60	62.19 3.63 0.00	93.91 5.31 0.00	85.79 5.14 0.00	62.24 3.80 0.00	66.91 3.83 0.00	67.28 3.80 0.00	61.63 3.86 0.00	62.93 3.93 -4.96	85.26 5.25 0.00	113.92 7.59 0.00	103.39 6.95 0.00	95.16 6.22 0.00	82.81 5.36 0.00	75.67 4.57 -3.58	58.60 3.72 0.00	71.05 4.27 0.00
NYPA_KENT____GT 24152	59.27 2.67 -5.81	58.79 2.46 -4.45	69.90 2.82 0.00	71.67 2.69 0.00	80.97 2.76 0.00	78.13 3.30 0.00	66.92 3.02 -8.93	69.42 4.02 -4.60	65.12 3.93 -2.64	94.33 5.73 0.00	86.20 5.55 0.00	63.70 4.21 -1.06	67.80 4.23 -0.49	67.67 4.19 0.00	64.08 4.24 -2.07	66.16 4.30 -7.83	85.70 5.66 -0.03	117.88 8.10 -3.43	158.71 7.46 -54.80	135.72 6.64 -40.15	103.66 5.73 -20.48	77.97 4.90 -5.54	65.13 4.05 -6.20	72.27 4.61 -0.88
NYPA_POUCH1____GT 24155	63.15 2.74 -9.62	61.75 2.49 -7.37	69.85 2.78 0.00	71.58 2.59 0.00	80.80 2.58 0.00	77.99 3.16 0.00	66.79 2.88 -8.93	69.32 3.91 -4.61	66.81 3.87 -4.38	94.15 5.54 0.00	85.97 5.32 0.00	64.32 4.13 -1.75	68.04 4.14 -0.81	67.56 4.07 0.00	65.41 4.22 -3.42	68.04 4.30 -9.71	85.67 5.61 -0.05	117.49 8.12 -3.03	194.26 7.54 -90.28	162.17 6.72 -66.51	117.21 5.84 -33.92	79.35 5.00 -6.82	69.26 4.10 -10.28	72.95 4.71 -1.46
NYPA_VERNON____GT2 24162	55.36 2.57 -1.99	55.76 2.35 -1.53	69.78 2.70 0.00	71.58 2.60 0.00	80.88 2.66 0.00	78.07 3.25 0.00	66.89 2.98 -8.93	69.38 3.98 -4.60	63.32 3.86 -0.91	94.28 5.68 0.00	86.17 5.52 0.00	62.94 4.13 -0.36	67.41 4.16 -0.17	67.62 4.14 0.00	62.64 4.16 -0.71	64.21 4.22 -5.95	85.55 5.53 -0.01	115.56 7.91 -1.31	122.56 7.28 -18.84	109.17 6.44 -13.78	90.05 5.57 -7.03	76.52 4.73 -4.25	60.89 3.88 -2.13	71.51 4.42 -0.30
NYPA_VERNON____GT3 24163	55.36 2.57 -1.99	55.76 2.35 -1.53	69.78 2.70 0.00	71.58 2.60 0.00	80.88 2.66 0.00	78.07 3.25 0.00	66.89 2.98 -8.93	69.38 3.98 -4.60	63.32 3.86 -0.91	94.28 5.68 0.00	86.17 5.52 0.00	62.94 4.13 -0.36	67.41 4.16 -0.17	67.62 4.14 0.00	62.64 4.16 -0.71	64.21 4.22 -5.95	85.55 5.53 -0.01	115.56 7.91 -1.31	122.56 7.28 -18.84	109.17 6.44 -13.78	90.05 5.57 -7.03	76.52 4.73 -4.25	60.89 3.88 -2.13	71.51 4.42 -0.30
NYPA__ASTORIA_CC1 323568	53.27 2.48 0.00	54.13 2.25 0.00	69.69 2.61 0.00	71.48 2.50 0.00	80.78 2.57 0.00	77.98 3.15 0.00	66.83 2.93 -8.93	69.31 3.91 -4.60	62.34 3.78 0.00	94.15 5.55 0.00	86.04 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.03 0.00	61.83 4.06 0.00	63.11 4.11 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.71 4.60 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
NYPA__ASTORIA_CC2 323569	53.27 2.48 0.00	54.13 2.25 0.00	69.69 2.61 0.00	71.48 2.50 0.00	80.78 2.57 0.00	77.98 3.15 0.00	66.83 2.93 -8.93	69.31 3.91 -4.60	62.34 3.78 0.00	94.15 5.55 0.00	86.04 5.39 0.00	62.51 4.07 0.00	67.17 4.08 0.00	67.52 4.03 0.00	61.83 4.06 0.00	63.11 4.11 -4.96	85.37 5.36 0.00	114.03 7.70 0.00	103.53 7.08 0.00	95.21 6.27 0.00	82.87 5.42 0.00	75.71 4.60 -3.58	58.65 3.78 0.00	71.09 4.31 0.00
NYPA__HOLTSVILL 23794	54.33 3.54 0.00	55.26 3.37 0.00	71.16 4.08 0.00	72.97 3.98 0.00	82.67 4.45 0.00	94.72 4.86 -15.03	111.67 4.37 -52.33	71.51 5.35 -5.37	63.18 4.62 0.00	94.50 5.90 0.00	86.12 5.47 0.00	62.58 4.13 0.00	67.47 4.39 0.00	67.94 4.46 0.00	62.20 4.43 0.00	63.40 4.40 -4.96	86.36 6.35 0.00	115.76 9.43 0.00	104.93 8.48 0.00	96.52 7.58 0.00	84.00 6.55 0.00	76.80 5.70 -3.58	59.63 4.75 0.00	72.42 5.64 0.00
NYPA____HELLGATE_GT1 24158	53.09 2.30 0.00	54.05 2.16 0.00	69.57 2.50 0.00	71.40 2.41 0.00	80.67 2.45 0.00	77.88 3.06 0.00	66.73 2.83 -8.93	69.13 3.74 -4.60	62.14 3.59 0.00	93.83 5.23 0.00	85.79 5.14 0.00	62.27 3.83 0.00	66.92 3.83 0.00	67.28 3.80 0.00	61.63 3.86 0.00	62.93 3.93 -4.96	85.26 5.25 0.00	113.92 7.59 0.00	103.39 6.95 0.00	95.16 6.22 0.00	82.81 5.36 0.00	75.67 4.57 -3.58	58.60 3.72 0.00	71.05 4.27 0.00
NYPA____HELLGATE_GT2 24159	53.09 2.30 0.00	54.05 2.16 0.00	69.57 2.50 0.00	71.40 2.41 0.00	80.67 2.45 0.00	77.88 3.06 0.00	66.73 2.83 -8.93	69.13 3.74 -4.60	62.14 3.59 0.00	93.83 5.23 0.00	85.79 5.14 0.00	62.27 3.83 0.00	66.92 3.83 0.00	67.28 3.80 0.00	61.63 3.86 0.00	62.93 3.93 -4.96	85.26 5.25 0.00	113.92 7.59 0.00	103.39 6.95 0.00	95.16 6.22 0.00	82.81 5.36 0.00	75.67 4.57 -3.58	58.60 3.72 0.00	71.05 4.27 0.00
NYS_BARGE__HYD 23848	46.29 -4.50 0.00	47.04 -4.85 0.00	60.21 -6.87 0.00	62.06 -6.93 0.00	70.71 -7.51 0.00	68.16 -6.67 0.00	50.50 -4.48 0.00	55.32 -5.75 -0.27	53.70 -4.86 0.00	80.65 -7.95 0.00	74.38 -6.26 0.00	51.19 -4.87 2.39	58.28 -4.80 0.00	58.36 -5.13 0.00	53.39 -4.38 0.00	51.70 -3.18 -0.85	74.08 -5.93 0.00	98.16 -8.17 0.00	89.44 -7.00 0.00	81.70 -7.24 0.00	70.88 -6.57 0.00	62.83 -5.31 -0.61	51.01 -3.86 0.00	62.64 -4.14 0.00

OAK ORCHARD___HYD 24046	47.96 -2.83 0.00	48.82 -3.07 0.00	62.74 -4.34 0.00	64.63 -4.36 0.00	73.55 -4.67 0.00	70.79 -4.03 0.00	52.52 -2.46 0.00	57.92 -3.11 -0.23	55.97 -2.59 0.00	84.24 -4.36 0.00	77.09 -3.55 0.00	53.90 -2.89 1.65	60.28 -2.81 0.00	60.46 -3.02 0.00	55.17 -2.60 0.00	53.04 -1.71 -0.72	76.90 -3.11 0.00	102.13 -4.21 0.00	92.95 -3.50 0.00	85.09 -3.85 0.00	73.84 -3.61 0.00	65.04 -3.01 -0.52	52.63 -2.24 0.00	64.24 -2.54 0.00
OAKDALE___35_KV_LOAD 356122	49.87 -0.93 0.00	50.83 -1.05 0.00	65.57 -1.51 0.00	67.46 -1.53 0.00	76.40 -1.81 0.00	73.29 -1.54 0.00	58.80 -0.61 -4.44	62.40 -0.53 -2.13	58.17 -0.39 0.00	87.48 -1.13 0.00	79.68 -0.97 0.00	55.81 -0.92 1.71	62.25 -0.84 0.00	62.53 -0.95 0.00	57.09 -0.67 0.00	55.38 -0.31 -1.65	79.41 -0.59 0.00	106.13 -0.21 0.00	96.57 0.13 0.00	88.78 -0.15 0.00	77.22 -0.23 0.00	68.62 -0.10 -1.19	54.80 -0.08 0.00	66.62 -0.17 0.00
OCC_CHEM___DRP 24175	45.56 -5.23 0.00	46.43 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.72 0.00	69.77 -8.44 0.00	67.17 -7.66 0.00	49.71 -5.26 0.00	54.34 -6.74 -0.28	52.79 -5.76 0.00	79.61 -8.99 0.00	73.48 -7.16 0.00	50.47 -5.51 2.47	57.66 -5.42 0.00	57.77 -5.71 0.00	52.77 -5.00 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.06 -10.27 0.00	87.44 -9.00 0.00	79.82 -9.12 0.00	69.26 -8.19 0.00	61.47 -6.68 -0.62	49.99 -4.89 0.00	61.46 -5.33 0.00
OH_GEN_PROXY 24063	45.86 -4.93 0.00	46.66 -5.23 0.00	59.79 -7.29 0.00	61.62 -7.37 0.00	70.15 -8.07 0.00	67.51 -7.31 0.00	49.99 -4.99 0.00	54.76 -6.31 -0.28	57.98 -5.39 -4.81	90.50 -8.47 -10.36	73.98 -6.76 -0.09	50.85 -5.20 2.39	58.00 -5.09 0.00	58.11 -5.38 0.00	78.85 -4.68 -25.77	108.51 -3.52 -57.99	73.54 -6.47 0.00	97.22 -9.11 0.00	88.49 -7.95 0.00	80.81 -8.12 0.00	70.09 -7.35 0.00	62.15 -5.99 -0.62	50.50 -4.38 0.00	61.99 -4.79 0.00
OLIN_CORP_DRP 24177	45.57 -5.23 0.00	46.32 -5.57 0.00	59.25 -7.83 0.00	61.05 -7.94 0.00	69.56 -8.66 0.00	67.01 -7.82 0.00	49.58 -5.39 0.00	54.27 -6.80 -0.28	52.72 -5.84 0.00	79.30 -9.30 0.00	73.27 -7.38 0.00	50.33 -5.61 2.51	57.44 -5.65 0.00	57.52 -5.96 0.00	52.58 -5.19 0.00	50.98 -3.92 -0.87	72.80 -7.21 0.00	96.31 -10.03 0.00	87.76 -8.68 0.00	80.11 -8.82 0.00	69.56 -7.89 0.00	61.74 -6.42 -0.63	50.15 -4.73 0.00	61.69 -5.09 0.00
OLIN_CORP_DSASP 323712	45.58 -5.21 0.00	46.42 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.71 0.00	69.77 -8.44 0.00	67.18 -7.64 0.00	49.72 -5.25 0.00	54.35 -6.73 -0.28	52.81 -5.75 0.00	79.61 -8.99 0.00	73.46 -7.18 0.00	50.46 -5.52 2.47	57.68 -5.41 0.00	57.78 -5.70 0.00	52.78 -4.99 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.07 -10.26 0.00	87.44 -9.00 0.00	79.83 -9.11 0.00	69.25 -8.19 0.00	61.47 -6.68 -0.62	49.98 -4.90 0.00	61.46 -5.32 0.00
ONEIDA_HERK_LFGE 323681	51.40 0.61 0.00	52.61 0.72 0.00	68.01 0.93 0.00	70.60 1.61 0.00	80.31 2.10 0.00	77.30 2.47 0.00	56.80 1.82 0.00	63.05 2.20 -0.06	60.66 2.10 0.00	90.67 2.07 0.00	82.38 1.74 0.00	59.39 0.95 0.00	64.29 1.20 0.00	64.71 1.23 0.00	58.81 1.04 0.00	55.29 1.07 -0.18	81.99 1.99 0.00	109.96 3.63 0.00	100.23 3.78 0.00	92.68 3.74 0.00	80.49 3.04 0.00	70.33 2.67 -0.13	57.11 2.23 0.00	69.42 2.64 0.00
ONEIDA___115KV_TB4 55905	51.70 0.91 0.00	52.80 0.91 0.00	68.29 1.21 0.00	70.44 1.45 0.00	79.87 1.66 0.00	76.83 2.01 0.00	56.85 1.87 0.00	63.14 2.23 -0.11	60.73 2.17 0.00	91.31 2.71 0.00	83.14 2.50 0.00	60.04 1.60 0.00	64.87 1.79 0.00	65.10 1.62 0.00	59.40 1.63 0.00	56.21 1.83 -0.34	82.78 2.77 0.00	110.40 4.07 0.00	100.36 3.92 0.00	92.45 3.52 0.00	80.32 2.87 0.00	70.23 2.45 -0.24	56.80 1.92 0.00	68.93 2.15 0.00
ONONDAGA_REF_OCCRA 23987	49.57 -1.22 0.00	50.54 -1.34 0.00	65.22 -1.86 0.00	67.12 -1.86 0.00	76.13 -2.09 0.00	73.07 -1.75 0.00	54.15 -0.83 0.00	60.21 -0.79 -0.21	57.90 -0.65 0.00	87.13 -1.47 0.00	79.40 -1.25 0.00	58.13 -1.12 -0.81	61.88 -1.21 0.00	62.20 -1.29 0.00	56.75 -1.02 0.00	54.12 -0.56 -0.65	79.17 -0.84 0.00	105.66 -0.67 0.00	96.10 -0.34 0.00	88.40 -0.54 0.00	76.83 -0.61 0.00	67.41 -0.58 -0.47	54.39 -0.49 0.00	66.09 -0.69 0.00
ONONDAGA___COGEN 23986	49.52 -1.27 0.00	50.50 -1.38 0.00	65.15 -1.93 0.00	67.06 -1.93 0.00	76.06 -2.15 0.00	73.00 -1.83 0.00	54.06 -0.91 0.00	60.28 -0.71 -0.20	58.01 -0.55 0.00	87.26 -1.34 0.00	79.48 -1.16 0.00	57.37 -1.07 0.00	61.94 -1.15 0.00	62.26 -1.23 0.00	56.81 -0.96 0.00	54.17 -0.48 -0.61	79.30 -0.71 0.00	105.74 -0.60 0.00	96.18 -0.26 0.00	88.52 -0.42 0.00	76.92 -0.52 0.00	67.46 -0.51 -0.44	54.48 -0.40 0.00	66.19 -0.59 0.00
ONTARIO___LFGE 23819	49.33 -1.46 0.00	50.14 -1.75 0.00	64.24 -2.84 0.00	66.18 -2.80 0.00	75.19 -3.03 0.00	72.30 -2.52 0.00	54.04 -0.93 0.00	60.00 -1.06 -0.27	57.82 -0.74 0.00	86.19 -2.41 0.00	78.37 -2.28 0.00	52.87 -1.95 3.63	61.07 -2.02 0.00	61.48 -2.00 0.00	56.17 -1.60 0.00	53.84 -1.01 -0.82	78.50 -1.51 0.00	105.14 -1.19 0.00	95.97 -0.47 0.00	88.11 -0.83 0.00	76.75 -0.69 0.00	67.67 -0.45 -0.59	54.62 -0.25 0.00	66.31 -0.47 0.00
ORANGEVILLE_WT_PWR 323706	46.41 -4.38 0.00	46.80 -5.08 0.00	59.95 -7.13 0.00	61.82 -7.17 0.00	70.32 -7.89 0.00	67.69 -7.14 0.00	52.78 -4.54 -2.35	56.73 -5.23 -1.17	53.89 -4.67 0.00	80.22 -8.38 0.00	73.47 -7.17 0.00	49.12 -5.41 3.91	57.72 -5.36 0.00	58.11 -5.37 0.00	53.21 -4.56 0.00	51.97 -3.07 -1.01	75.21 -4.80 0.00	101.01 -5.32 0.00	92.41 -4.03 0.00	84.58 -4.35 0.00	73.38 -4.07 0.00	65.08 -3.17 -0.73	52.48 -2.40 0.00	63.86 -2.92 0.00
ORANGEVILLE___ESR 323794	46.41 -4.38 0.00	46.80 -5.08 0.00	59.95 -7.13 0.00	61.82 -7.17 0.00	70.32 -7.89 0.00	67.69 -7.14 0.00	52.78 -4.54 -2.35	56.73 -5.23 -1.17	53.89 -4.67 0.00	80.22 -8.38 0.00	73.47 -7.17 0.00	49.12 -5.41 3.91	57.72 -5.36 0.00	58.11 -5.37 0.00	53.21 -4.56 0.00	51.97 -3.07 -1.01	75.21 -4.80 0.00	101.01 -5.32 0.00	92.41 -4.03 0.00	84.58 -4.35 0.00	73.38 -4.07 0.00	65.08 -3.17 -0.73	52.48 -2.40 0.00	63.86 -2.92 0.00
OSWEGATCHIE___HYD 24044	50.51 -0.28 0.00	51.76 -0.13 0.00	66.98 -0.10 0.00	69.65 0.67 0.00	79.84 1.63 0.00	76.67 1.84 0.00	55.72 0.74 0.00	61.79 0.94 -0.05	59.38 0.83 0.00	88.73 0.13 0.00	80.13 -0.52 0.00	57.65 -0.79 0.00	62.55 -0.53 0.00	63.15 -0.34 0.00	56.76 -1.01 0.00	52.68 -1.51 -0.16	78.57 -1.44 0.00	105.65 -0.68 0.00	96.45 0.00 0.00	89.59 0.65 0.00	78.06 0.62 0.00	68.56 0.92 -0.12	55.86 0.99 0.00	68.19 1.41 0.00
OSWEGO___5 23606	48.75 -2.05 0.00	49.73 -2.15 0.00	64.20 -2.88 0.00	66.10 -2.89 0.00	74.96 -3.25 0.00	71.87 -2.96 0.00	53.08 -1.90 0.00	58.85 -2.09 -0.14	56.65 -1.90 0.00	85.40 -3.20 0.00	77.82 -2.82 0.00	56.26 -2.19 0.00	60.78 -2.31 0.00	61.09 -2.39 0.00	55.69 -2.08 0.00	52.82 -1.66 -0.45	77.45 -2.56 0.00	103.11 -3.22 0.00	93.68 -2.76 0.00	86.24 -2.70 0.00	75.00 -2.45 0.00	65.73 -2.12 -0.32	53.18 -1.70 0.00	64.68 -2.10 0.00

OSWEGO___6 23613	48.75 -2.05 0.00	49.73 -2.15 0.00	64.20 -2.88 0.00	66.10 -2.89 0.00	74.96 -3.25 0.00	71.87 -2.96 0.00	53.08 -1.90 0.00	58.85 -2.09 -0.14	56.65 -1.90 0.00	85.40 -3.20 0.00	77.82 -2.82 0.00	56.26 -2.19 0.00	60.78 -2.31 0.00	61.09 -2.39 0.00	55.69 -2.08 0.00	52.82 -1.66 -0.45	77.45 -2.56 0.00	103.11 -3.22 0.00	93.68 -2.76 0.00	86.24 -2.70 0.00	75.00 -2.45 0.00	65.73 -2.12 -0.32	53.18 -1.70 0.00	64.68 -2.10 0.00
OUTOKUMPU-AB___DRP 24206	46.68 -4.11 0.00	47.45 -4.43 0.00	60.79 -6.29 0.00	62.64 -6.34 0.00	71.32 -6.90 0.00	68.73 -6.09 0.00	50.95 -4.02 0.00	55.87 -5.21 -0.28	54.23 -4.33 0.00	81.56 -7.04 0.00	75.21 -5.44 0.00	51.62 -4.26 2.56	58.94 -4.14 0.00	59.05 -4.43 0.00	53.98 -3.79 0.00	52.33 -2.58 -0.88	74.94 -5.07 0.00	99.16 -7.17 0.00	90.32 -6.12 0.00	82.49 -6.45 0.00	71.52 -5.92 0.00	63.42 -4.74 -0.63	51.44 -3.43 0.00	63.10 -3.68 0.00
OXBOW___BTM 323836	46.02 -4.77 0.00	46.82 -5.07 0.00	59.99 -7.09 0.00	61.82 -7.17 0.00	70.37 -7.84 0.00	67.82 -7.01 0.00	50.24 -4.74 0.00	54.99 -6.09 -0.28	53.41 -5.15 0.00	80.43 -8.17 0.00	74.18 -6.47 0.00	50.92 -5.00 2.52	58.19 -4.90 0.00	58.28 -5.20 0.00	53.28 -4.49 0.00	51.62 -3.29 -0.87	73.83 -6.18 0.00	97.43 -8.90 0.00	88.71 -7.73 0.00	80.98 -7.95 0.00	70.25 -7.19 0.00	62.31 -5.85 -0.63	50.60 -4.28 0.00	62.13 -4.65 0.00
OXBOW____ 24026	46.01 -4.78 0.00	46.82 -5.06 0.00	59.98 -7.10 0.00	61.82 -7.17 0.00	70.38 -7.84 0.00	67.81 -7.01 0.00	50.23 -4.75 0.00	54.99 -6.09 -0.28	53.40 -5.15 0.00	80.43 -8.17 0.00	74.19 -6.45 0.00	50.93 -4.99 2.52	58.18 -4.90 0.00	58.28 -5.20 0.00	53.27 -4.50 0.00	51.62 -3.29 -0.87	73.83 -6.18 0.00	97.43 -8.90 0.00	88.71 -7.73 0.00	80.98 -7.95 0.00	70.25 -7.19 0.00	62.31 -5.85 -0.63	50.60 -4.27 0.00	62.14 -4.64 0.00
OXY_CHEM_DSASP 323612	45.56 -5.23 0.00	46.43 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.72 0.00	69.77 -8.44 0.00	67.17 -7.66 0.00	49.71 -5.26 0.00	54.34 -6.74 -0.28	52.79 -5.76 0.00	79.61 -8.99 0.00	73.48 -7.16 0.00	50.47 -5.51 2.47	57.66 -5.42 0.00	57.77 -5.71 0.00	52.77 -5.00 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.06 -10.27 0.00	87.44 -9.00 0.00	79.82 -9.12 0.00	69.26 -8.19 0.00	61.47 -6.68 -0.62	49.99 -4.89 0.00	61.46 -5.33 0.00
OZONE_PARK_ESR 323760	53.62 2.83 0.00	54.48 2.59 0.00	70.15 3.07 0.00	71.95 2.96 0.00	81.31 3.09 0.00	78.52 3.69 0.00	67.29 3.39 -8.93	69.78 4.38 -4.60	62.73 4.18 0.00	94.80 6.20 0.00	86.60 5.96 0.00	62.85 4.41 0.00	67.57 4.49 0.00	67.96 4.48 0.00	62.25 4.48 0.00	63.54 4.54 -4.96	86.09 6.09 0.00	114.97 8.63 0.00	104.39 7.94 0.00	96.01 7.07 0.00	83.57 6.12 0.00	76.31 5.20 -3.58	59.13 4.25 0.00	71.59 4.80 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	45.56 -5.23 0.00	46.43 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.72 0.00	69.77 -8.44 0.00	67.17 -7.66 0.00	49.71 -5.26 0.00	54.34 -6.74 -0.28	52.79 -5.76 0.00	79.61 -8.99 0.00	73.48 -7.16 0.00	50.47 -5.51 2.47	57.66 -5.42 0.00	57.77 -5.71 0.00	52.77 -5.00 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.06 -10.27 0.00	87.44 -9.00 0.00	79.82 -9.12 0.00	69.26 -8.19 0.00	61.47 -6.68 -0.62	49.99 -4.89 0.00	61.46 -5.33 0.00
PACKARD___115KV_DUPONT_184 80571	45.56 -5.23 0.00	46.43 -5.46 0.00	59.46 -7.62 0.00	61.27 -7.72 0.00	69.77 -8.44 0.00	67.17 -7.66 0.00	49.71 -5.26 0.00	54.34 -6.74 -0.28	52.79 -5.76 0.00	79.61 -8.99 0.00	73.48 -7.16 0.00	50.47 -5.51 2.47	57.66 -5.42 0.00	57.77 -5.71 0.00	52.77 -5.00 0.00	51.11 -3.79 -0.86	73.04 -6.97 0.00	96.06 -10.27 0.00	87.44 -9.00 0.00	79.82 -9.12 0.00	69.26 -8.19 0.00	61.47 -6.68 -0.62	49.99 -4.89 0.00	61.46 -5.33 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	53.15 2.35 0.00	54.05 2.17 0.00	69.57 2.49 0.00	71.40 2.41 0.00	80.68 2.46 0.00	77.87 3.04 0.00	66.75 2.85 -8.93	69.21 3.81 -4.60	62.21 3.66 0.00	93.91 5.31 0.00	85.81 5.17 0.00	62.35 3.91 0.00	66.99 3.91 0.00	67.31 3.83 0.00	61.64 3.87 0.00	62.94 3.94 -4.96	85.28 5.27 0.00	113.97 7.63 0.00	103.43 6.99 0.00	95.18 6.24 0.00	82.83 5.39 0.00	75.69 4.58 -3.58	58.61 3.73 0.00	71.05 4.27 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	53.35 2.56 0.00	54.30 2.42 0.00	69.90 2.83 0.00	71.75 2.76 0.00	81.09 2.87 0.00	78.30 3.48 0.00	67.09 3.19 -8.93	69.70 4.31 -4.60	62.66 4.10 0.00	94.46 5.86 0.00	86.19 5.55 0.00	62.55 4.11 0.00	67.25 4.17 0.00	67.60 4.12 0.00	61.88 4.11 0.00	63.22 4.22 -4.96	85.70 5.70 0.00	114.58 8.24 0.00	104.00 7.56 0.00	95.70 6.77 0.00	83.27 5.82 0.00	76.06 4.95 -3.58	58.88 4.00 0.00	71.45 4.67 0.00
PATROON___115KV_TB1 80586	52.59 1.80 0.00	53.75 1.87 0.00	69.77 2.69 0.00	71.68 2.70 0.00	81.01 2.80 0.00	77.40 2.57 0.00	119.72 2.25 -62.49	86.40 2.79 -22.81	61.25 2.70 0.00	92.69 4.09 0.00	84.69 4.04 0.00	61.38 2.94 0.00	66.03 2.95 0.00	66.37 2.89 0.00	60.59 2.82 0.00	63.00 2.85 -6.11	83.74 3.73 0.00	110.79 4.45 0.00	100.45 4.01 0.00	92.53 3.59 0.00	80.52 3.07 0.00	74.65 2.71 -4.42	57.07 2.20 0.00	69.44 2.66 0.00
PATTRSNVILLE___SOLAR 323815	52.83 2.04 0.00	53.98 2.09 0.00	69.77 2.69 0.00	71.73 2.74 0.00	81.20 2.98 0.00	77.93 3.10 0.00	167.98 2.73 -110.28	109.51 3.20 -45.52	61.08 2.52 0.00	91.32 2.72 0.00	83.87 3.22 0.00	60.88 2.44 0.00	65.31 2.23 0.00	65.40 1.92 0.00	59.84 2.07 0.00	63.14 2.64 -6.46	83.87 3.87 0.00	112.04 5.70 0.00	101.74 5.30 0.00	93.74 4.81 0.00	81.57 4.13 0.00	75.76 3.56 -4.67	57.73 2.86 0.00	70.14 3.35 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	48.19 -2.61 0.00	48.92 -2.97 0.00	62.74 -4.34 0.00	64.66 -4.33 0.00	73.55 -4.66 0.00	70.76 -4.06 0.00	52.57 -2.41 0.00	57.89 -3.21 -0.30	56.06 -2.49 0.00	84.25 -4.35 0.00	77.51 -3.14 0.00	52.98 -2.58 2.88	60.76 -2.33 0.00	60.92 -2.57 0.00	55.67 -2.09 0.00	53.86 -1.12 -0.94	77.30 -2.70 0.00	102.75 -3.58 0.00	93.60 -2.85 0.00	85.46 -3.47 0.00	74.12 -3.33 0.00	65.71 -2.50 -0.68	53.28 -1.60 0.00	65.20 -1.59 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	53.65 2.86 0.00	54.60 2.72 0.00	70.44 3.36 0.00	72.28 3.30 0.00	81.76 3.54 0.00	78.80 3.98 0.00	67.75 3.58 -9.20	69.98 4.48 -4.71	62.73 4.17 0.00	94.65 6.05 0.00	86.40 5.76 0.00	62.60 4.16 0.00	67.29 4.20 0.00	67.67 4.19 0.00	61.91 4.14 0.00	63.30 4.25 -5.02	85.98 5.97 0.00	114.91 8.57 0.00	104.43 7.99 0.00	96.08 7.14 0.00	83.61 6.16 0.00	76.36 5.21 -3.62	59.08 4.20 0.00	71.61 4.82 0.00
PEEKSKILL____ 23653	52.84 2.05 0.00	53.75 1.86 0.00	69.31 2.22 0.00	71.10 2.12 0.00	80.42 2.20 0.00	77.50 2.67 0.00	66.34 2.54 -8.83	68.67 3.32 -4.55	61.63 3.07 0.00	93.12 4.52 0.00	85.02 4.37 0.00	61.62 3.17 0.00	66.25 3.16 0.00	66.67 3.19 0.00	61.02 3.25 0.00	62.34 3.39 -4.91	84.58 4.57 0.00	112.90 6.57 0.00	102.53 6.09 0.00	94.36 5.42 0.00	82.15 4.70 0.00	75.15 4.07 -3.55	58.10 3.23 0.00	70.47 3.69 0.00

PGE MADISON___WINDPWR 24146	52.01 1.22 0.00	53.02 1.13 0.00	68.63 1.55 0.00	70.88 1.89 0.00	79.41 1.19 0.00	77.67 2.84 0.00	64.78 3.37 -6.43	67.04 3.34 -2.90	62.21 3.65 0.00	93.05 4.45 0.00	84.06 3.41 0.00	64.13 1.36 -4.34	64.53 1.44 0.00	64.93 1.45 0.00	59.49 1.72 0.00	57.72 2.09 -1.60	84.58 4.58 0.00	115.27 8.94 0.00	106.87 10.43 0.00	98.40 9.46 0.00	86.15 8.71 0.00	76.44 7.76 -1.15	61.03 6.15 0.00	73.86 7.08 0.00
PIERCEFIELD___HYD 23852	51.13 0.33 0.00	52.30 0.41 0.00	67.84 0.76 0.00	69.82 0.83 0.00	80.12 1.91 0.00	76.55 1.72 0.00	55.43 0.45 0.00	61.06 0.23 -0.03	58.74 0.18 0.00	88.96 0.36 0.00	80.25 -0.40 0.00	57.85 -0.59 0.00	62.66 -0.42 0.00	63.16 -0.33 0.00	56.74 -1.03 0.00	52.19 -1.93 -0.09	77.75 -2.26 0.00	103.49 -2.85 0.00	93.81 -2.63 0.00	86.99 -1.95 0.00	76.22 -1.23 0.00	67.16 -0.43 -0.06	54.75 -0.12 0.00	66.99 0.21 0.00
PINELAWN_CC_1 323563	54.29 3.50 0.00	55.19 3.31 0.00	71.08 4.00 0.00	72.86 3.88 0.00	82.54 4.33 0.00	94.65 4.80 -15.03	111.57 4.26 -52.33	71.42 5.26 -5.37	63.15 4.59 0.00	94.72 6.11 0.00	86.57 5.92 0.00	62.68 4.24 0.00	67.41 4.33 0.00	67.86 4.38 0.00	62.20 4.43 0.00	63.48 4.49 -4.96	86.53 6.53 0.00	115.79 9.46 0.00	105.15 8.71 0.00	96.73 7.79 0.00	84.18 6.74 0.00	76.86 5.75 -3.58	59.59 4.71 0.00	72.25 5.47 0.00
PJM_GEN_HTP_PROXY 323702	53.11 2.32 0.00	53.98 2.10 0.00	69.54 2.47 0.00	71.34 2.35 0.00	80.62 2.40 0.00	77.78 2.95 0.00	66.69 2.79 -8.93	69.05 3.66 -4.60	61.52 3.49 0.52	101.02 5.15 -7.27	85.64 4.99 0.00	62.17 3.73 0.00	66.83 3.75 0.00	67.24 3.75 0.00	61.57 3.81 0.00	62.90 3.90 -4.96	85.15 5.15 0.00	113.66 7.32 0.00	103.17 6.73 0.00	94.89 5.95 0.00	82.60 5.16 0.00	75.48 4.37 -3.58	58.46 3.58 0.00	70.84 4.05 0.00
PJM_GEN_KEystone 24065	49.89 -0.90 0.00	48.70 -1.15 2.04	65.33 -1.76 0.00	67.13 -1.85 0.00	76.06 -2.15 0.00	73.12 -1.71 0.00	59.96 -0.70 -5.68	63.19 -0.58 -2.97	57.61 -0.43 0.52	94.97 -0.90 -7.27	80.14 -0.51 0.00	56.36 -0.55 1.54	31.53 -0.47 31.09	33.55 -0.55 29.38	30.31 -0.22 27.24	38.81 0.22 15.45	50.53 -0.41 29.06	58.72 -0.25 47.37	92.54 0.00 3.90	76.21 -0.34 12.38	61.88 -0.37 15.20	69.52 -0.24 -2.23	54.43 -0.04 0.40	52.37 -0.08 14.33
PJM_GEN_NEPTUNE_PROXY 323594	53.57 2.78 0.00	54.47 2.58 0.00	70.16 3.08 0.00	71.95 2.97 0.00	81.46 3.25 0.00	86.60 3.71 -8.06	90.55 3.37 -32.20	70.03 4.23 -5.01	61.77 3.73 0.52	100.96 5.09 -7.27	85.72 5.08 0.00	62.23 3.78 0.00	66.94 3.85 0.00	67.36 3.87 0.00	61.71 3.94 0.00	62.96 3.96 -4.96	85.52 5.52 0.00	114.20 7.87 0.00	103.69 7.25 0.00	95.43 6.49 0.00	83.08 5.63 0.00	75.90 4.80 -3.58	58.84 3.96 0.00	71.36 4.58 0.00
PJM_GEN_VFT_PROXY 323633	52.72 1.93 0.00	53.59 1.70 0.00	69.01 1.93 0.00	70.77 1.78 0.00	79.98 1.76 0.00	77.22 2.40 0.00	64.45 2.36 -7.11	68.60 3.20 -4.60	61.08 3.04 0.52	100.38 4.51 -7.27	85.05 4.40 0.00	61.79 3.35 0.00	66.39 3.30 0.00	66.79 3.31 0.00	61.21 3.44 0.00	62.54 3.53 -4.96	84.56 4.55 0.00	111.08 6.52 1.78	102.45 6.00 0.00	94.22 5.29 0.00	82.05 4.60 0.00	74.99 3.88 -3.58	58.08 3.21 0.00	70.33 3.55 0.00
PLATSBURG_115KV_PMLD1 355749	50.52 -0.27 0.00	51.70 -0.18 0.00	67.03 -0.05 0.00	68.98 -0.01 0.00	78.74 0.53 0.00	74.96 0.13 0.00	54.21 -0.77 0.00	59.80 -1.00 0.00	57.71 -0.84 0.00	88.22 -0.38 0.00	79.83 -0.82 0.00	57.08 -1.36 0.00	61.49 -1.60 0.00	23.52 -1.66 38.30	-14.37 -1.95 70.19	51.90 -2.13 0.00	77.94 -2.07 0.00	103.94 -2.39 0.00	95.05 -1.39 0.00	88.17 -0.77 0.00	77.06 -0.39 0.00	67.41 -0.12 0.00	54.77 -0.11 0.00	67.34 0.56 0.00
PLEASANTVLY___LBMP 24000	52.84 2.05 0.00	53.81 1.92 0.00	69.44 2.36 0.00	71.27 2.28 0.00	80.60 2.38 0.00	77.58 2.75 0.00	66.94 2.56 -9.41	68.91 3.28 -4.83	61.62 3.06 0.00	93.05 4.46 0.00	84.97 4.33 0.00	61.59 3.15 0.00	66.24 3.15 0.00	66.65 3.17 0.00	60.97 3.20 0.00	62.51 3.30 -5.17	84.48 4.48 0.00	112.73 6.39 0.00	102.35 5.90 0.00	94.21 5.28 0.00	82.01 4.56 0.00	75.14 3.88 -3.73	58.04 3.16 0.00	70.41 3.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.08 2.29 0.00	54.01 2.12 0.00	69.62 2.54 0.00	71.45 2.46 0.00	80.81 2.60 0.00	77.86 3.03 0.00	66.77 2.82 -8.98	69.09 3.66 -4.63	61.99 3.43 0.00	93.61 5.01 0.00	85.51 4.86 0.00	61.98 3.54 0.00	66.66 3.58 0.00	67.05 3.57 0.00	61.38 3.61 0.00	62.75 3.72 -5.00	85.04 5.03 0.00	113.51 7.18 0.00	103.09 6.64 0.00	94.84 5.91 0.00	82.56 5.11 0.00	75.46 4.33 -3.61	58.40 3.52 0.00	70.80 4.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.08 2.29 0.00	54.01 2.12 0.00	69.62 2.54 0.00	71.45 2.46 0.00	80.81 2.60 0.00	77.86 3.03 0.00	66.77 2.82 -8.98	69.09 3.66 -4.63	61.99 3.43 0.00	93.61 5.01 0.00	85.51 4.86 0.00	61.98 3.54 0.00	66.66 3.58 0.00	67.05 3.57 0.00	61.38 3.61 0.00	62.75 3.72 -5.00	85.04 5.03 0.00	113.51 7.18 0.00	103.09 6.64 0.00	94.84 5.91 0.00	82.56 5.11 0.00	75.46 4.33 -3.61	58.40 3.52 0.00	70.80 4.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.37 2.58 0.00	54.33 2.45 0.00	70.10 3.03 0.00	71.96 2.98 0.00	81.43 3.21 0.00	78.42 3.59 0.00	68.25 3.21 -10.05	69.84 4.02 -5.02	62.29 3.74 0.00	93.96 5.36 0.00	85.74 5.10 0.00	62.11 3.67 0.00	66.79 3.71 0.00	67.16 3.68 0.00	61.45 3.68 0.00	62.89 3.78 -5.07	85.35 5.34 0.00	114.09 7.76 0.00	103.67 7.22 0.00	95.39 6.45 0.00	83.00 5.55 0.00	75.91 4.72 -3.66	58.69 3.81 0.00	71.17 4.39 0.00
POLETTI___ 23519	52.92 2.13 0.00	53.79 1.91 0.00	69.28 2.20 0.00	71.06 2.07 0.00	80.24 2.03 0.00	77.49 2.67 0.00	66.49 2.59 -8.93	68.87 3.47 -4.60	61.88 3.32 0.00	93.49 4.89 0.00	85.43 4.79 0.00	62.06 3.63 0.00	66.68 3.60 0.00	67.07 3.59 0.00	61.47 3.70 0.00	62.79 3.79 -4.96	84.91 4.90 0.00	113.33 7.00 0.00	102.89 6.45 0.00	94.62 5.68 0.00	82.39 4.94 0.00	75.30 4.20 -3.58	58.34 3.47 0.00	70.63 3.85 0.00
POMONA___ESR 323819	52.66 1.87 0.00	53.55 1.67 0.00	69.04 1.96 0.00	70.82 1.83 0.00	80.11 1.90 0.00	77.22 2.39 0.00	65.88 2.32 -8.58	68.26 3.03 -4.43	61.36 2.80 0.00	92.80 4.20 0.00	84.71 4.06 0.00	61.35 2.91 0.00	65.97 2.89 0.00	66.41 2.93 0.00	60.77 3.00 0.00	62.03 3.20 -4.79	84.29 4.29 0.00	112.52 6.18 0.00	102.15 5.71 0.00	94.03 5.09 0.00	81.91 4.47 0.00	74.71 3.73 -3.46	57.91 3.04 0.00	70.31 3.53 0.00
PORT_JEFF_3 23555	54.52 3.73 0.00	55.44 3.56 0.00	71.38 4.30 0.00	73.22 4.23 0.00	82.96 4.74 0.00	95.00 5.15 -15.03	111.91 4.61 -52.33	71.78 5.62 -5.37	63.41 4.85 0.00	94.81 6.21 0.00	86.36 5.72 0.00	62.75 4.31 0.00	67.66 4.58 0.00	68.13 4.65 0.00	62.40 4.63 0.00	63.58 4.58 -4.96	86.69 6.69 0.00	116.28 9.95 0.00	105.41 8.96 0.00	96.94 8.00 0.00	84.35 6.91 0.00	77.10 6.00 -3.58	59.87 4.99 0.00	72.69 5.91 0.00

PORT_JEFF_4 23616	54.52 3.73 0.00	55.44 3.56 0.00	71.38 4.30 0.00	73.22 4.23 0.00	82.96 4.74 0.00	95.00 5.15 -15.03	111.91 4.61 -52.33	71.78 5.62 -5.37	63.41 4.85 0.00	94.81 6.21 0.00	86.36 5.72 0.00	62.75 4.31 0.00	67.66 4.58 0.00	68.13 4.65 0.00	62.40 4.63 0.00	63.58 4.58 -4.96	86.69 6.69 0.00	116.28 9.95 0.00	105.41 8.96 0.00	96.94 8.00 0.00	84.35 6.91 0.00	77.10 6.00 -3.58	59.87 4.99 0.00	72.69 5.91 0.00
PORT_JEFF_IC 23713	54.54 3.75 0.00	55.47 3.58 0.00	71.43 4.34 0.00	73.23 4.25 0.00	82.98 4.77 0.00	95.05 5.19 -15.03	111.96 4.66 -52.33	71.83 5.67 -5.37	63.47 4.91 0.00	94.85 6.25 0.00	86.40 5.76 0.00	62.80 4.36 0.00	67.69 4.60 0.00	68.17 4.69 0.00	62.43 4.66 0.00	63.62 4.62 -4.96	86.74 6.74 0.00	116.37 10.04 0.00	105.51 9.06 0.00	97.00 8.07 0.00	84.42 6.97 0.00	77.16 6.05 -3.58	59.91 5.03 0.00	72.73 5.95 0.00
PPL_PILGRIM_ST_GT1 24216	54.73 3.94 0.00	55.61 3.73 0.00	71.59 4.51 0.00	73.46 4.48 0.00	83.22 5.00 0.00	95.32 5.47 -15.03	111.94 4.64 -52.33	71.83 5.67 -5.37	63.65 5.09 0.00	95.39 6.79 0.00	87.18 6.53 0.00	63.24 4.80 0.00	68.05 4.96 0.00	68.51 5.03 0.00	62.81 5.04 0.00	64.07 5.07 -4.96	87.40 7.39 0.00	116.97 10.64 0.00	106.26 9.82 0.00	97.72 8.78 0.00	85.02 7.57 0.00	77.59 6.48 -3.58	60.18 5.31 0.00	72.96 6.18 0.00
PPL_PILGRIM_ST_GT2 24217	54.73 3.94 0.00	55.61 3.73 0.00	71.59 4.51 0.00	73.46 4.48 0.00	83.22 5.00 0.00	95.32 5.47 -15.03	111.94 4.64 -52.33	71.83 5.67 -5.37	63.65 5.09 0.00	95.39 6.79 0.00	87.18 6.53 0.00	63.24 4.80 0.00	68.05 4.96 0.00	68.51 5.03 0.00	62.81 5.04 0.00	64.07 5.07 -4.96	87.40 7.39 0.00	116.97 10.64 0.00	106.26 9.82 0.00	97.72 8.78 0.00	85.02 7.57 0.00	77.59 6.48 -3.58	60.18 5.31 0.00	72.96 6.18 0.00
PPL_SHRM_GT3 24213	54.56 3.77 0.00	55.51 3.62 0.00	71.47 4.40 0.00	73.30 4.32 0.00	83.06 4.85 0.00	95.12 5.27 -15.03	112.05 4.75 -52.33	71.96 5.80 -5.37	63.49 4.93 0.00	94.70 6.10 0.00	85.49 4.85 0.00	62.10 3.66 0.00	67.49 4.41 0.00	67.98 4.49 0.00	62.21 4.44 0.00	63.20 4.21 -4.96	86.11 6.11 0.00	115.74 9.41 0.00	104.59 8.14 0.00	96.19 7.25 0.00	83.71 6.26 0.00	76.71 5.60 -3.58	59.66 4.79 0.00	72.66 5.88 0.00
PPL_SHRM_GT4 24214	54.56 3.77 0.00	55.51 3.62 0.00	71.47 4.40 0.00	73.30 4.32 0.00	83.06 4.85 0.00	95.12 5.27 -15.03	112.05 4.75 -52.33	71.96 5.80 -5.37	63.49 4.93 0.00	94.70 6.10 0.00	85.49 4.85 0.00	62.10 3.66 0.00	67.49 4.41 0.00	67.98 4.49 0.00	62.21 4.44 0.00	63.20 4.21 -4.96	86.11 6.11 0.00	115.74 9.41 0.00	104.59 8.14 0.00	96.19 7.25 0.00	83.71 6.26 0.00	76.71 5.60 -3.58	59.66 4.79 0.00	72.66 5.88 0.00
PROJECT___ORANGE 1 24174	49.14 -1.65 0.00	50.13 -1.76 0.00	64.66 -2.42 0.00	66.56 -2.43 0.00	75.47 -2.75 0.00	72.46 -2.37 0.00	53.66 -1.32 0.00	59.63 -1.35 -0.18	57.40 -1.16 0.00	86.39 -2.21 0.00	78.79 -1.85 0.00	56.90 -1.54 0.00	61.45 -1.64 0.00	61.76 -1.73 0.00	56.35 -1.42 0.00	53.67 -0.92 -0.55	78.57 -1.43 0.00	104.70 -1.64 0.00	95.19 -1.25 0.00	87.55 -1.38 0.00	76.07 -1.38 0.00	66.71 -1.22 -0.40	53.88 -0.99 0.00	65.49 -1.30 0.00
PROJECT___ORANGE 2 24166	49.14 -1.65 0.00	50.13 -1.76 0.00	64.66 -2.42 0.00	66.56 -2.43 0.00	75.47 -2.75 0.00	72.46 -2.37 0.00	53.66 -1.32 0.00	59.63 -1.35 -0.18	57.40 -1.16 0.00	86.39 -2.21 0.00	78.79 -1.85 0.00	56.90 -1.54 0.00	61.45 -1.64 0.00	61.76 -1.73 0.00	56.35 -1.42 0.00	53.67 -0.92 -0.55	78.57 -1.43 0.00	104.70 -1.64 0.00	95.19 -1.25 0.00	87.55 -1.38 0.00	76.07 -1.38 0.00	66.71 -1.22 -0.40	53.88 -0.99 0.00	65.49 -1.30 0.00
PUCKETT___SOLAR 323809	50.37 -0.42 0.00	51.36 -0.52 0.00	66.33 -0.75 0.00	68.20 -0.78 0.00	77.13 -1.09 0.00	74.21 -0.61 0.00	60.60 0.21 -5.41	63.68 0.36 -2.52	58.92 0.36 0.00	88.05 -0.55 0.00	80.06 -0.59 0.00	57.68 -0.76 0.00	62.49 -0.59 0.00	62.79 -0.69 0.00	57.41 -0.36 0.00	55.63 -0.11 -1.70	80.52 0.51 0.00	108.28 1.95 0.00	98.98 2.54 0.00	90.88 1.94 0.00	79.25 1.80 0.00	70.54 1.78 -1.23	56.31 1.43 0.00	68.34 1.56 0.00
PYRITES___HYD 24023	52.21 1.42 0.00	53.39 1.51 0.00	69.25 2.17 0.00	71.17 2.19 0.00	81.56 3.35 0.00	77.96 3.13 0.00	56.55 1.58 0.00	62.29 1.47 -0.03	59.80 1.25 0.00	90.49 1.89 0.00	80.90 0.25 0.00	58.25 -0.20 0.00	63.28 0.19 0.00	63.77 0.29 0.00	57.44 -0.33 0.00	52.84 -1.28 -0.08	79.11 -0.90 0.00	105.44 -0.90 0.00	95.50 -0.94 0.00	88.50 -0.43 0.00	77.44 0.00 0.00	68.12 0.53 -0.06	55.46 0.58 0.00	67.90 1.11 0.00
QUAKERRD_115KV_BK1 80622	47.25 -3.54 0.00	48.14 -3.74 0.00	61.92 -5.16 0.00	63.76 -5.22 0.00	72.52 -5.69 0.00	69.77 -5.06 0.00	51.73 -3.24 0.00	57.14 -3.89 -0.22	55.14 -3.41 0.00	83.02 -5.58 0.00	75.92 -4.73 0.00	53.27 -3.69 1.47	59.37 -3.72 0.00	59.61 -3.88 0.00	54.36 -3.41 0.00	52.18 -2.55 -0.70	75.76 -4.25 0.00	100.60 -5.74 0.00	91.50 -4.94 0.00	83.88 -5.06 0.00	72.81 -4.64 0.00	64.06 -3.97 -0.50	51.83 -3.05 0.00	63.18 -3.60 0.00
QUEENSBRY_115KV_TB8 356137	55.20 4.41 0.00	56.36 4.47 0.00	73.06 5.98 0.00	75.09 6.10 0.00	84.91 6.69 0.00	81.67 6.85 0.00	163.96 5.91 -103.07	109.99 6.91 -42.28	64.31 5.76 0.00	96.43 7.83 0.00	87.70 7.05 0.00	63.42 4.98 0.00	68.28 5.19 0.00	68.44 4.96 0.00	62.45 4.68 0.00	65.52 5.20 -6.29	88.00 7.99 0.00	117.70 11.37 0.00	107.16 10.72 0.00	98.70 9.76 0.00	85.87 8.42 0.00	79.31 7.25 -4.54	60.75 5.87 0.00	73.66 6.88 0.00
RAMAPO___LBMP 323565	52.52 1.73 0.00	53.42 1.54 0.00	68.89 1.81 0.00	70.64 1.66 0.00	79.92 1.71 0.00	77.03 2.21 0.00	65.68 2.15 -8.55	68.09 2.88 -4.41	61.20 2.64 0.00	92.51 3.91 0.00	84.42 3.78 0.00	61.14 2.70 0.00	65.75 2.66 0.00	66.16 2.68 0.00	60.55 2.78 0.00	61.79 2.99 -4.77	84.00 4.00 0.00	112.09 5.76 0.00	101.81 5.37 0.00	93.71 4.77 0.00	81.64 4.19 0.00	74.46 3.49 -3.44	57.72 2.84 0.00	70.05 3.26 0.00
RANKINE____ 23646	47.16 -3.63 0.00	47.84 -4.04 0.00	61.31 -5.77 0.00	63.21 -5.78 0.00	71.94 -6.28 0.00	69.29 -5.54 0.00	51.51 -3.47 0.00	56.66 -4.43 -0.30	54.91 -3.65 0.00	82.48 -6.12 0.00	75.97 -4.67 0.00	51.89 -3.71 2.84	59.56 -3.53 0.00	59.68 -3.80 0.00	54.56 -3.21 0.00	52.96 -2.00 -0.92	76.00 -4.01 0.00	100.99 -5.34 0.00	92.08 -4.36 0.00	84.09 -4.85 0.00	72.92 -4.53 0.00	64.63 -3.56 -0.67	52.33 -2.54 0.00	64.06 -2.72 0.00
RAVENSWOOD_GT2_1 24244	53.12 2.33 0.00	54.00 2.12 0.00	69.56 2.48 0.00	71.33 2.35 0.00	80.62 2.40 0.00	77.79 2.96 0.00	66.71 2.81 -8.93	69.11 3.72 -4.60	62.10 3.55 0.00	93.85 5.25 0.00	85.73 5.08 0.00	62.25 3.80 0.00	66.91 3.82 0.00	67.31 3.83 0.00	61.66 3.89 0.00	62.96 3.96 -4.96	85.23 5.22 0.00	113.76 7.42 0.00	103.25 6.81 0.00	94.98 6.04 0.00	82.69 5.24 0.00	75.56 4.45 -3.58	58.53 3.65 0.00	70.90 4.12 0.00

RAVENSWOOD_GT2_2 24245	53.12 2.33 0.00	54.00 2.12 0.00	69.56 2.48 0.00	71.33 2.35 0.00	80.62 2.40 0.00	77.79 2.96 0.00	66.71 2.81 -8.93	69.11 3.72 -4.60	62.10 3.55 0.00	93.85 5.25 0.00	85.73 5.08 0.00	62.25 3.80 0.00	66.91 3.82 0.00	67.31 3.83 0.00	61.66 3.89 0.00	62.96 3.96 -4.96	85.23 5.22 0.00	113.76 7.42 0.00	103.25 6.81 0.00	94.98 6.04 0.00	82.69 5.24 0.00	75.56 4.45 -3.58	58.53 3.65 0.00	70.90 4.12 0.00
RAVENSWOOD_GT2_3 24246	53.17 2.38 0.00	54.03 2.14 0.00	69.58 2.50 0.00	71.38 2.39 0.00	80.68 2.47 0.00	77.86 3.03 0.00	66.75 2.85 -8.93	69.15 3.76 -4.60	62.13 3.58 0.00	93.91 5.31 0.00	85.78 5.14 0.00	62.29 3.85 0.00	66.96 3.87 0.00	67.35 3.87 0.00	61.69 3.92 0.00	62.99 3.99 -4.96	85.27 5.27 0.00	113.84 7.50 0.00	103.33 6.89 0.00	95.04 6.11 0.00	82.75 5.30 0.00	75.60 4.49 -3.58	58.55 3.68 0.00	70.95 4.16 0.00
RAVENSWOOD_GT2_4 24247	53.17 2.38 0.00	54.03 2.14 0.00	69.58 2.50 0.00	71.38 2.39 0.00	80.68 2.47 0.00	77.86 3.03 0.00	66.75 2.85 -8.93	69.15 3.76 -4.60	62.13 3.58 0.00	93.91 5.31 0.00	85.78 5.14 0.00	62.29 3.85 0.00	66.96 3.87 0.00	67.35 3.87 0.00	61.69 3.92 0.00	62.99 3.99 -4.96	85.27 5.27 0.00	113.84 7.50 0.00	103.33 6.89 0.00	95.04 6.11 0.00	82.75 5.30 0.00	75.60 4.49 -3.58	58.55 3.68 0.00	70.95 4.16 0.00
RAVENSWOOD_GT3_1 24248	53.12 2.33 0.00	54.00 2.12 0.00	69.56 2.48 0.00	71.33 2.35 0.00	80.62 2.41 0.00	77.79 2.96 0.00	66.71 2.81 -8.93	69.11 3.72 -4.60	62.11 3.56 0.00	93.85 5.25 0.00	85.73 5.08 0.00	62.25 3.80 0.00	66.92 3.83 0.00	67.31 3.83 0.00	61.66 3.89 0.00	62.97 3.97 -4.96	85.23 5.23 0.00	113.77 7.43 0.00	103.26 6.82 0.00	94.99 6.06 0.00	82.69 5.24 0.00	75.56 4.45 -3.58	58.53 3.66 0.00	70.91 4.12 0.00
RAVENSWOOD_GT3_2 24249	53.12 2.33 0.00	54.00 2.12 0.00	69.56 2.48 0.00	71.33 2.35 0.00	80.62 2.41 0.00	77.79 2.96 0.00	66.71 2.81 -8.93	69.11 3.72 -4.60	62.11 3.56 0.00	93.85 5.25 0.00	85.73 5.08 0.00	62.25 3.80 0.00	66.92 3.83 0.00	67.31 3.83 0.00	61.66 3.89 0.00	62.97 3.97 -4.96	85.23 5.23 0.00	113.77 7.43 0.00	103.26 6.82 0.00	94.99 6.06 0.00	82.69 5.24 0.00	75.56 4.45 -3.58	58.53 3.66 0.00	70.91 4.12 0.00
RAVENSWOOD_GT3_3 24250	53.21 2.42 0.00	54.08 2.19 0.00	69.64 2.55 0.00	71.42 2.43 0.00	80.72 2.51 0.00	77.92 3.10 0.00	66.80 2.90 -8.93	69.21 3.82 -4.60	62.20 3.64 0.00	94.02 5.42 0.00	85.88 5.23 0.00	62.35 3.91 0.00	67.02 3.94 0.00	67.42 3.94 0.00	61.75 3.98 0.00	63.05 4.05 -4.96	85.37 5.37 0.00	113.96 7.63 0.00	103.43 6.99 0.00	95.13 6.20 0.00	82.83 5.38 0.00	75.66 4.55 -3.58	58.61 3.73 0.00	71.00 4.22 0.00
RAVENSWOOD_GT3_4 24251	53.21 2.42 0.00	54.08 2.19 0.00	69.64 2.55 0.00	71.42 2.43 0.00	80.72 2.51 0.00	77.92 3.10 0.00	66.80 2.90 -8.93	69.21 3.82 -4.60	62.20 3.64 0.00	94.02 5.42 0.00	85.88 5.23 0.00	62.35 3.91 0.00	67.02 3.94 0.00	67.42 3.94 0.00	61.75 3.98 0.00	63.05 4.05 -4.96	85.37 5.37 0.00	113.96 7.63 0.00	103.43 6.99 0.00	95.13 6.20 0.00	82.83 5.38 0.00	75.66 4.55 -3.58	58.61 3.73 0.00	71.00 4.22 0.00
RAVENSWOOD_GT_1 23729	55.35 2.57 -1.99	55.75 2.34 -1.53	69.78 2.70 0.00	71.59 2.60 0.00	80.88 2.66 0.00	78.08 3.25 0.00	66.90 3.00 -8.93	69.37 3.97 -4.60	63.32 3.86 -0.91	94.28 5.68 0.00	86.15 5.51 0.00	62.93 4.13 -0.36	67.42 4.17 -0.17	67.62 4.14 0.00	62.64 4.16 -0.71	64.20 4.22 -5.95	85.55 5.53 -0.01	115.55 7.91 -1.31	122.56 7.28 -18.84	109.16 6.44 -13.78	90.04 5.57 -7.03	76.51 4.74 -4.25	60.89 3.89 -2.13	71.51 4.42 -0.30
RAVENSWOOD_GT_10 24258	53.38 2.34 -0.24	54.20 2.13 -0.19	69.56 2.48 0.00	71.33 2.35 0.00	80.63 2.41 0.00	77.80 2.97 0.00	66.72 2.82 -8.93	69.11 3.72 -4.60	62.23 3.56 -0.11	93.85 5.25 0.00	85.73 5.08 0.00	62.28 3.80 -0.04	66.94 3.83 -0.02	67.31 3.83 0.00	61.75 3.89 -0.09	63.08 3.96 -5.09	85.24 5.23 0.00	113.89 7.44 -0.11	105.60 6.83 -2.32	96.72 6.07 -1.71	83.57 5.25 -0.87	75.65 4.46 -3.67	58.80 3.66 -0.27	70.95 4.13 -0.04
RAVENSWOOD_GT_11 24259	53.38 2.34 -0.24	54.20 2.13 -0.19	69.56 2.48 0.00	71.33 2.35 0.00	80.63 2.41 0.00	77.80 2.97 0.00	66.72 2.82 -8.93	69.11 3.72 -4.60	62.23 3.56 -0.11	93.85 5.25 0.00	85.73 5.08 0.00	62.28 3.80 -0.04	66.94 3.83 -0.02	67.31 3.83 0.00	61.75 3.89 -0.09	63.08 3.96 -5.09	85.24 5.23 0.00	113.89 7.44 -0.11	105.60 6.83 -2.32	96.72 6.07 -1.71	83.57 5.25 -0.87	75.65 4.46 -3.67	58.80 3.66 -0.27	70.95 4.13 -0.04
RAVENSWOOD_GT_4 24252	54.61 2.33 -1.49	55.12 2.10 -1.14	69.52 2.44 0.00	71.31 2.33 0.00	80.60 2.39 0.00	77.78 2.96 0.00	66.70 2.79 -8.93	69.08 3.69 -4.60	62.75 3.51 -0.68	93.81 5.21 0.00	85.68 5.04 0.00	62.47 3.76 -0.27	67.00 3.79 -0.12	67.27 3.79 0.00	62.14 3.84 -0.53	63.66 3.93 -5.70	85.19 5.18 -0.01	114.37 7.36 -0.67	117.21 6.76 -14.00	105.21 5.99 -10.28	87.90 5.21 -5.25	76.02 4.41 -4.08	60.09 3.62 -1.59	71.08 4.08 -0.23
RAVENSWOOD_GT_5 24254	54.61 2.33 -1.49	55.12 2.10 -1.14	69.52 2.44 0.00	71.31 2.33 0.00	80.60 2.39 0.00	77.78 2.96 0.00	66.70 2.79 -8.93	69.08 3.69 -4.60	62.75 3.51 -0.68	93.81 5.21 0.00	85.68 5.04 0.00	62.47 3.76 -0.27	67.00 3.79 -0.12	67.27 3.79 0.00	62.14 3.84 -0.53	63.66 3.93 -5.70	85.19 5.18 -0.01	114.37 7.36 -0.67	117.21 6.76 -14.00	105.21 5.99 -10.28	87.90 5.21 -5.25	76.02 4.41 -4.08	60.09 3.62 -1.59	71.08 4.08 -0.23
RAVENSWOOD_GT_6 24253	54.61 2.33 -1.49	55.12 2.10 -1.14	69.52 2.44 0.00	71.31 2.33 0.00	80.60 2.39 0.00	77.78 2.96 0.00	66.70 2.79 -8.93	69.08 3.69 -4.60	62.75 3.51 -0.68	93.81 5.21 0.00	85.68 5.04 0.00	62.47 3.76 -0.27	67.00 3.79 -0.12	67.27 3.79 0.00	62.14 3.84 -0.53	63.66 3.93 -5.70	85.19 5.18 -0.01	114.37 7.36 -0.67	117.21 6.76 -14.00	105.21 5.99 -10.28	87.90 5.21 -5.25	76.02 4.41 -4.08	60.09 3.62 -1.59	71.08 4.08 -0.23
RAVENSWOOD_GT_7 24255	54.61 2.33 -1.49	55.12 2.10 -1.14	69.52 2.44 0.00	71.31 2.33 0.00	80.60 2.39 0.00	77.78 2.96 0.00	66.70 2.79 -8.93	69.08 3.69 -4.60	62.75 3.51 -0.68	93.81 5.21 0.00	85.68 5.04 0.00	62.47 3.76 -0.27	67.00 3.79 -0.12	67.27 3.79 0.00	62.14 3.84 -0.53	63.66 3.93 -5.70	85.19 5.18 -0.01	114.37 7.36 -0.67	117.21 6.76 -14.00	105.21 5.99 -10.28	87.90 5.21 -5.25	76.02 4.41 -4.08	60.09 3.62 -1.59	71.08 4.08 -0.23
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.38 2.34 -0.24	54.20 2.13 -0.19	69.56 2.48 0.00	71.33 2.35 0.00	80.63 2.41 0.00	77.80 2.97 0.00	66.72 2.82 -8.93	69.11 3.72 -4.60	62.23 3.56 -0.11	93.85 5.25 0.00	85.73 5.08 0.00	62.28 3.80 -0.04	66.94 3.83 -0.02	67.31 3.83 0.00	61.75 3.89 -0.09	63.08 3.96 -5.09	85.24 5.23 0.00	113.89 7.44 -0.11	105.60 6.83 -2.32	96.72 6.07 -1.71	83.57 5.25 -0.87	75.65 4.46 -3.67	58.80 3.66 -0.27	70.95 4.13 -0.04

RAVENSWOOD_GT_9 24257	53.38 2.34 -0.24	54.20 2.13 -0.19	69.56 2.48 0.00	71.33 2.35 0.00	80.63 2.41 0.00	77.80 2.97 0.00	66.72 2.82 -8.93	69.11 3.72 -4.60	62.23 3.56 -0.11	93.85 5.25 0.00	85.73 5.08 0.00	62.28 3.80 -0.04	66.94 3.83 -0.02	67.31 3.83 0.00	61.75 3.89 -0.09	63.08 3.96 -5.09	85.24 5.23 0.00	113.89 7.44 -0.11	105.60 6.83 -2.32	96.72 6.07 -1.71	83.57 5.25 -0.87	75.65 4.46 -3.67	58.80 3.66 -0.27	70.95 4.13 -0.04
RAVENSWOOD___1 23533	51.29 2.46 1.96	52.61 2.22 1.50	69.68 2.60 0.00	71.47 2.48 0.00	80.76 2.55 0.00	77.94 3.11 0.00	66.82 2.92 -8.93	69.28 3.88 -4.60	61.42 3.75 0.89	94.12 5.52 0.00	85.99 5.35 0.00	62.10 4.01 0.35	66.95 4.03 0.16	67.49 4.01 0.00	61.12 4.05 0.70	62.14 4.11 -4.00	85.39 5.39 0.01	113.16 7.71 0.88	85.08 7.08 18.45	81.67 6.28 13.55	75.96 5.42 6.91	75.06 4.62 -2.92	56.55 3.77 2.09	70.82 4.33 0.30
RAVENSWOOD___2 23534	51.29 2.46 1.96	52.61 2.22 1.50	69.68 2.60 0.00	71.47 2.48 0.00	80.76 2.55 0.00	77.94 3.11 0.00	66.82 2.92 -8.93	69.28 3.88 -4.60	61.42 3.75 0.89	94.12 5.52 0.00	85.99 5.35 0.00	62.10 4.01 0.35	66.95 4.03 0.16	67.49 4.01 0.00	61.12 4.05 0.70	62.14 4.11 -4.00	85.39 5.39 0.01	113.16 7.71 0.88	85.08 7.08 18.45	81.67 6.28 13.55	75.96 5.42 6.91	75.06 4.62 -2.92	56.55 3.77 2.09	70.82 4.33 0.30
RAVENSWOOD___3 23535	53.13 2.34 0.00	54.01 2.13 0.00	69.56 2.48 0.00	71.34 2.35 0.00	80.63 2.42 0.00	77.80 2.97 0.00	66.73 2.83 -8.93	69.12 3.72 -4.60	62.12 3.57 0.00	93.86 5.26 0.00	85.74 5.09 0.00	62.26 3.82 0.00	66.92 3.84 0.00	67.32 3.84 0.00	61.66 3.89 0.00	62.97 3.97 -4.96	85.23 5.23 0.00	113.79 7.45 0.00	103.27 6.83 0.00	95.01 6.07 0.00	82.70 5.25 0.00	75.57 4.46 -3.58	58.53 3.66 0.00	70.92 4.13 0.00
RAVENSWOOD___4 23820	51.29 2.46 1.96	52.61 2.22 1.50	69.68 2.60 0.00	71.47 2.48 0.00	80.76 2.55 0.00	77.94 3.11 0.00	66.82 2.92 -8.93	69.28 3.88 -4.60	61.42 3.75 0.89	94.12 5.52 0.00	85.99 5.35 0.00	62.10 4.01 0.35	66.95 4.03 0.16	67.49 4.01 0.00	61.12 4.05 0.70	62.14 4.11 -4.00	85.39 5.39 0.01	113.16 7.71 0.88	85.08 7.08 18.45	81.67 6.28 13.55	75.96 5.42 6.91	75.06 4.62 -2.92	56.55 3.77 2.09	70.82 4.33 0.30
RCPL_TRUST___DRP 24196	53.20 2.41 0.00	54.07 2.19 0.00	69.62 2.54 0.00	71.41 2.42 0.00	80.71 2.50 0.00	77.90 3.07 0.00	66.78 2.88 -8.93	69.17 3.62 -4.60	62.17 3.62 0.00	93.97 5.36 0.00	85.84 5.20 0.00	62.31 3.87 0.00	66.99 3.91 0.00	67.39 3.91 0.00	61.73 3.96 0.00	63.01 4.02 -4.96	85.33 5.32 0.00	113.89 7.56 0.00	103.37 6.93 0.00	95.07 6.13 0.00	82.75 5.30 0.00	75.59 4.49 -3.58	58.55 3.67 0.00	70.94 4.15 0.00
RED___ROCHESTER 323720	48.33 -2.46 0.00	49.20 -2.69 0.00	63.21 -3.87 0.00	65.12 -3.87 0.00	74.11 -4.11 0.00	71.36 -3.46 0.00	52.97 -2.01 0.00	58.45 -2.57 -0.23	56.46 -2.10 0.00	84.95 -3.65 0.00	77.77 -2.87 0.00	54.38 -2.43 1.63	60.81 -2.28 0.00	61.01 -2.48 0.00	55.65 -2.12 0.00	53.50 -1.25 -0.71	77.58 -2.42 0.00	103.08 -3.26 0.00	93.85 -2.59 0.00	85.92 -3.02 0.00	74.52 -2.93 0.00	65.62 -2.42 -0.52	53.09 -1.79 0.00	64.75 -2.03 0.00
REGAN___SOLAR 323812	54.02 3.23 0.00	55.21 3.32 0.00	71.26 4.18 0.00	73.16 4.17 0.00	82.89 4.67 0.00	79.69 4.86 0.00	161.88 4.08 -102.82	107.79 4.53 -42.47	61.91 3.35 0.00	91.11 2.51 0.00	83.66 3.01 0.00	60.96 2.52 0.00	64.87 1.79 0.00	64.94 1.46 0.00	59.79 2.02 0.00	63.85 3.10 -6.72	85.62 5.62 0.00	115.24 8.90 0.00	104.72 8.28 0.00	96.47 7.54 0.00	83.92 6.47 0.00	77.95 5.56 -4.86	59.31 4.44 0.00	72.04 5.25 0.00
RENSSELAER___COGEN 23796	52.37 1.58 0.00	53.51 1.63 0.00	69.48 2.40 0.00	71.36 2.37 0.00	80.68 2.47 0.00	77.01 2.18 0.00	105.57 1.90 -48.69	80.60 2.37 -17.44	60.82 2.27 0.00	92.01 3.41 0.00	84.09 3.44 0.00	60.97 2.53 0.00	65.58 2.49 0.00	65.94 2.46 0.00	60.17 2.40 0.00	62.49 2.42 -6.04	83.12 3.11 0.00	109.94 3.61 0.00	99.70 3.26 0.00	91.83 2.90 0.00	79.95 2.50 0.00	74.12 2.23 -4.36	56.70 1.83 0.00	69.04 2.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	56.86 6.07 0.00	58.10 6.22 0.00	75.62 8.54 0.00	77.67 8.69 0.00	87.73 9.52 0.00	84.57 9.75 0.00	166.18 8.78 -102.42	113.18 10.41 -41.97	66.27 7.72 0.00	98.45 9.85 0.00	89.01 8.37 0.00	64.61 6.17 0.00	69.71 6.63 0.00	70.00 6.52 0.00	63.88 6.11 0.00	67.09 6.77 -6.28	90.32 10.31 0.00	122.06 15.72 0.00	111.90 15.45 0.00	103.25 14.32 0.00	90.03 12.58 0.00	82.66 10.61 -4.53	63.66 8.78 0.00	77.25 10.47 0.00
REVERE_CPFR_DRP 24186	52.25 1.47 0.00	53.36 1.47 0.00	68.99 1.91 0.00	71.29 2.31 0.00	80.90 2.68 0.00	77.90 3.07 0.00	57.55 2.58 0.00	63.93 3.04 -0.09	61.51 2.95 0.00	92.31 3.71 0.00	84.04 3.40 0.00	60.62 2.18 0.00	65.54 2.46 0.00	65.85 2.37 0.00	60.03 2.26 0.00	56.69 2.37 -0.29	83.71 3.70 0.00	111.85 5.52 0.00	101.72 5.28 0.00	93.82 4.89 0.00	81.44 3.99 0.00	71.17 3.43 -0.21	57.61 2.73 0.00	69.89 3.11 0.00
REYNOLDS_115KV_TB3 80639	52.68 1.89 0.00	53.81 1.93 0.00	69.80 2.71 0.00	71.68 2.70 0.00	81.04 2.83 0.00	77.50 2.67 0.00	112.51 2.32 -55.21	83.46 2.86 -19.80	61.32 2.76 0.00	92.73 4.13 0.00	84.64 4.00 0.00	61.38 2.94 0.00	66.02 2.94 0.00	66.38 2.89 0.00	60.61 2.84 0.00	63.00 2.91 -6.05	83.85 3.84 0.00	111.03 4.69 0.00	100.73 4.29 0.00	92.80 3.86 0.00	80.81 3.36 0.00	74.88 2.97 -4.38	57.28 2.40 0.00	69.64 2.86 0.00
RIVERBAY____ 323610	53.35 2.56 0.00	54.30 2.42 0.00	69.90 2.83 0.00	71.75 2.76 0.00	81.09 2.87 0.00	78.30 3.48 0.00	67.09 3.19 -8.93	69.70 4.31 -4.60	62.66 4.10 0.00	94.46 5.86 0.00	86.19 5.55 0.00	62.55 4.11 0.00	67.25 4.17 0.00	67.60 4.12 0.00	61.88 4.11 0.00	63.22 4.22 -4.96	85.70 5.70 0.00	114.58 8.24 0.00	104.00 7.56 0.00	95.70 6.77 0.00	83.27 5.82 0.00	76.06 4.95 -3.58	58.88 4.00 0.00	71.45 4.67 0.00
RIVERSIDE_115KV_TB3 55908	52.58 1.79 0.00	53.71 1.83 0.00	69.70 2.62 0.00	71.58 2.59 0.00	80.93 2.72 0.00	77.33 2.50 0.00	112.58 2.20 -55.40	82.96 2.75 -19.41	61.21 2.65 0.00	92.60 4.00 0.00	84.57 3.92 0.00	61.32 2.88 0.00	65.96 2.88 0.00	66.32 2.84 0.00	60.55 2.78 0.00	62.91 2.80 -6.07	83.63 3.62 0.00	110.63 4.30 0.00	100.36 3.91 0.00	92.44 3.51 0.00	80.49 3.05 0.00	74.62 2.70 -4.39	57.04 2.17 0.00	69.40 2.62 0.00
ROARING___BROOK_WT_PWR 323790	50.02 -0.77 0.00	51.33 -0.55 0.00	66.50 -0.58 0.00	68.82 -0.16 0.00	78.35 0.13 0.00	74.91 0.08 0.00	54.56 -0.41 0.00	60.18 -0.62 0.00	57.96 -0.60 0.00	87.33 -1.27 0.00	79.06 -1.58 0.00	57.14 -1.30 0.00	61.71 -1.37 0.00	62.15 -1.33 0.00	56.55 -1.22 0.00	52.64 -1.40 0.00	78.34 -1.67 0.00	104.63 -1.71 0.00	94.94 -1.50 0.00	87.79 -1.14 0.00	76.56 -0.89 0.00	66.94 -0.59 0.00	54.47 -0.40 0.00	66.44 -0.34 0.00

ROCHESRG_115KV_T4 355643	47.73 -3.06 0.00	48.60 -3.28 0.00	62.47 -4.61 0.00	64.35 -4.64 0.00	73.22 -5.00 0.00	70.43 -4.40 0.00	52.23 -2.75 0.00	57.60 -3.43 -0.23	55.64 -2.91 0.00	83.79 -4.81 0.00	76.76 -3.89 0.00	53.70 -3.14 1.61	60.01 -3.08 0.00	60.20 -3.29 0.00	54.93 -2.84 0.00	52.79 -1.96 -0.71	76.51 -3.50 0.00	101.54 -4.79 0.00	92.42 -4.02 0.00	84.63 -4.31 0.00	73.45 -4.00 0.00	64.71 -3.33 -0.51	52.39 -2.49 0.00	63.95 -2.83 0.00
ROCHESTER_9_IC 23652	48.05 -2.75 0.00	48.91 -2.97 0.00	62.86 -4.22 0.00	64.75 -4.24 0.00	73.70 -4.52 0.00	70.92 -3.90 0.00	52.62 -2.36 0.00	58.05 -2.98 -0.23	56.08 -2.48 0.00	84.41 -4.19 0.00	77.28 -3.36 0.00	54.05 -2.76 1.63	60.42 -2.66 0.00	60.62 -2.86 0.00	55.30 -2.47 0.00	53.16 -1.59 -0.71	77.07 -2.94 0.00	102.35 -3.98 0.00	93.14 -3.30 0.00	85.29 -3.65 0.00	74.00 -3.45 0.00	65.17 -2.87 -0.52	52.74 -2.13 0.00	64.36 -2.42 0.00
ROCKVIEW_13_KV_LD 356306	53.24 2.45 0.00	54.14 2.25 0.00	69.77 2.70 0.00	71.55 2.56 0.00	80.93 2.72 0.00	78.05 3.22 0.00	66.89 2.99 -8.93	69.26 3.87 -4.60	62.19 3.63 0.00	93.95 5.35 0.00	85.80 5.15 0.00	62.23 3.78 0.00	66.91 3.83 0.00	67.31 3.83 0.00	61.62 3.85 0.00	62.94 3.95 -4.96	85.35 5.34 0.00	113.95 7.62 0.00	103.48 7.04 0.00	95.19 6.26 0.00	82.86 5.42 0.00	75.69 4.59 -3.58	58.60 3.72 0.00	71.05 4.27 0.00
ROME____115KV_TB2 80656	52.25 1.47 0.00	53.36 1.47 0.00	68.99 1.91 0.00	71.29 2.31 0.00	80.90 2.68 0.00	77.90 3.07 0.00	57.55 2.58 0.00	63.93 3.04 -0.09	61.51 2.95 0.00	92.31 3.71 0.00	84.04 3.40 0.00	60.62 2.18 0.00	65.54 2.46 0.00	65.85 2.37 0.00	60.03 2.26 0.00	56.69 2.37 -0.29	83.71 3.70 0.00	111.85 5.52 0.00	101.72 5.28 0.00	93.82 4.89 0.00	81.44 3.99 0.00	71.17 3.43 -0.21	57.61 2.73 0.00	69.89 3.11 0.00
ROSETON___1 23587	52.71 1.92 0.00	53.67 1.79 0.00	69.24 2.16 0.00	71.07 2.08 0.00	80.38 2.17 0.00	77.36 2.53 0.00	66.03 2.39 -8.66	68.39 3.09 -4.50	61.43 2.87 0.00	92.77 4.17 0.00	84.69 4.04 0.00	61.37 2.93 0.00	66.03 2.94 0.00	66.43 2.94 0.00	60.76 2.99 0.00	62.12 3.12 -4.96	84.24 4.24 0.00	112.40 6.07 0.00	102.06 5.61 0.00	93.94 5.01 0.00	81.80 4.35 0.00	74.79 3.69 -3.58	57.87 3.00 0.00	70.22 3.44 0.00
ROSETON___2 23588	52.71 1.92 0.00	53.67 1.79 0.00	69.24 2.16 0.00	71.07 2.08 0.00	80.38 2.17 0.00	77.36 2.53 0.00	66.03 2.39 -8.66	68.39 3.09 -4.50	61.43 2.87 0.00	92.77 4.17 0.00	84.69 4.04 0.00	61.37 2.93 0.00	66.03 2.94 0.00	66.43 2.94 0.00	60.76 2.99 0.00	62.12 3.12 -4.96	84.24 4.24 0.00	112.40 6.07 0.00	102.06 5.61 0.00	93.94 5.01 0.00	81.80 4.35 0.00	74.79 3.69 -3.58	57.87 3.00 0.00	70.22 3.44 0.00
ROTTTRDAM_115KV_TB3 80664	52.55 1.76 0.00	53.67 1.78 0.00	69.43 2.35 0.00	71.34 2.35 0.00	80.72 2.51 0.00	77.41 2.58 0.00	171.02 2.26 -113.79	110.92 2.63 -47.48	60.87 2.31 0.00	91.64 3.04 0.00	83.57 2.92 0.00	60.54 2.10 0.00	65.19 2.10 0.00	65.51 2.03 0.00	59.78 2.01 0.00	62.69 2.29 -6.37	83.57 3.56 0.00	111.36 5.03 0.00	101.14 4.69 0.00	93.19 4.25 0.00	81.10 3.65 0.00	75.26 3.14 -4.60	57.40 2.53 0.00	69.73 2.95 0.00
RUSSELL___1 23602	48.33 -2.46 0.00	49.20 -2.69 0.00	63.21 -3.87 0.00	65.12 -3.87 0.00	74.11 -4.11 0.00	71.35 -3.48 0.00	52.97 -2.01 0.00	58.45 -2.58 -0.23	56.45 -2.10 0.00	84.95 -3.65 0.00	77.79 -2.86 0.00	54.38 -2.42 1.63	60.80 -2.28 0.00	61.01 -2.48 0.00	55.64 -2.13 0.00	53.52 -1.23 -0.71	77.58 -2.42 0.00	103.07 -3.27 0.00	93.85 -2.59 0.00	85.91 -3.02 0.00	74.53 -2.92 0.00	65.62 -2.42 -0.52	53.09 -1.79 0.00	64.75 -2.03 0.00
RUSSELL___2 23532	48.33 -2.46 0.00	49.20 -2.69 0.00	63.21 -3.87 0.00	65.12 -3.87 0.00	74.11 -4.11 0.00	71.35 -3.48 0.00	52.97 -2.01 0.00	58.45 -2.58 -0.23	56.45 -2.10 0.00	84.95 -3.65 0.00	77.79 -2.86 0.00	54.38 -2.42 1.63	60.80 -2.28 0.00	61.01 -2.48 0.00	55.64 -2.13 0.00	53.52 -1.23 -0.71	77.58 -2.42 0.00	103.07 -3.27 0.00	93.85 -2.59 0.00	85.91 -3.02 0.00	74.53 -2.92 0.00	65.62 -2.42 -0.52	53.09 -1.79 0.00	64.75 -2.03 0.00
RUSSELL___3 23549	48.33 -2.46 0.00	49.20 -2.69 0.00	63.21 -3.87 0.00	65.12 -3.87 0.00	74.11 -4.11 0.00	71.35 -3.48 0.00	52.97 -2.01 0.00	58.45 -2.58 -0.23	56.45 -2.10 0.00	84.95 -3.65 0.00	77.79 -2.86 0.00	54.38 -2.42 1.63	60.80 -2.28 0.00	61.01 -2.48 0.00	55.64 -2.13 0.00	53.52 -1.23 -0.71	77.58 -2.42 0.00	103.07 -3.27 0.00	93.85 -2.59 0.00	85.91 -3.02 0.00	74.53 -2.92 0.00	65.62 -2.42 -0.52	53.09 -1.79 0.00	64.75 -2.03 0.00
RUSSELL___4 23556	48.33 -2.46 0.00	49.20 -2.69 0.00	63.21 -3.87 0.00	65.12 -3.87 0.00	74.11 -4.11 0.00	71.35 -3.48 0.00	52.97 -2.01 0.00	58.45 -2.58 -0.23	56.45 -2.10 0.00	84.95 -3.65 0.00	77.79 -2.86 0.00	54.38 -2.42 1.63	60.80 -2.28 0.00	61.01 -2.48 0.00	55.64 -2.13 0.00	53.52 -1.23 -0.71	77.58 -2.42 0.00	103.07 -3.27 0.00	93.85 -2.59 0.00	85.91 -3.02 0.00	74.53 -2.92 0.00	65.62 -2.42 -0.52	53.09 -1.79 0.00	64.75 -2.03 0.00
RUSSELL___STATION 23914	48.33 -2.46 0.00	49.20 -2.69 0.00	63.21 -3.87 0.00	65.12 -3.87 0.00	74.11 -4.11 0.00	71.35 -3.48 0.00	52.97 -2.01 0.00	58.45 -2.58 -0.23	56.45 -2.10 0.00	84.95 -3.65 0.00	77.79 -2.86 0.00	54.38 -2.42 1.63	60.80 -2.28 0.00	61.01 -2.48 0.00	55.64 -2.13 0.00	53.52 -1.23 -0.71	77.58 -2.42 0.00	103.07 -3.27 0.00	93.85 -2.59 0.00	85.91 -3.02 0.00	74.53 -2.92 0.00	65.62 -2.42 -0.52	53.09 -1.79 0.00	64.75 -2.03 0.00
S SALMON___HYD 24043	49.22 -1.57 0.00	50.27 -1.61 0.00	64.93 -2.15 0.00	67.32 -1.67 0.00	76.57 -1.65 0.00	73.59 -1.24 0.00	54.20 -0.77 0.00	61.18 0.23 -0.15	58.90 0.34 0.00	87.75 -0.85 0.00	79.98 -0.67 0.00	57.48 -0.96 0.00	61.65 -1.43 0.00	61.64 -1.84 0.00	56.26 -1.51 0.00	53.96 -0.54 -0.46	79.51 -0.50 0.00	106.78 0.44 0.00	97.60 1.16 0.00	90.22 1.28 0.00	78.21 0.76 0.00	68.53 0.66 -0.33	55.64 0.76 0.00	67.65 0.87 0.00
S.PERRY___115KV_TB1 80734	49.38 -1.41 0.00	50.01 -1.88 0.00	63.98 -3.10 0.00	65.96 -3.02 0.00	75.23 -2.98 0.00	72.46 -2.37 0.00	54.10 -0.87 0.00	60.20 -0.90 -0.31	57.93 -0.63 0.00	86.36 -2.24 0.00	78.30 -2.35 0.00	51.84 -2.23 4.36	61.12 -1.96 0.00	61.51 -1.98 0.00	55.64 -2.13 0.00	53.72 -1.27 -0.96	77.41 -2.60 0.00	103.71 -2.63 0.00	95.12 -1.33 0.00	86.94 -1.99 0.00	75.39 -2.06 0.00	66.69 -1.52 -0.69	53.72 -1.16 0.00	65.06 -1.72 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.53 -4.26 0.00	47.28 -4.61 0.00	60.58 -6.51 0.00	62.43 -6.55 0.00	71.08 -7.14 0.00	68.43 -6.40 0.00	50.77 -4.20 0.00	55.72 -5.37 -0.29	54.05 -4.51 0.00	81.35 -7.25 0.00	75.03 -5.62 0.00	51.38 -4.40 2.66	58.82 -4.26 0.00	58.94 -4.55 0.00	53.87 -3.90 0.00	52.25 -2.68 -0.89	74.84 -5.17 0.00	99.18 -7.15 0.00	90.36 -6.09 0.00	82.52 -6.42 0.00	71.56 -5.89 0.00	63.45 -4.72 -0.64	51.46 -3.42 0.00	63.09 -3.69 0.00

SAWYER___23_KV_LOAD 55526	46.53	47.28	60.58	62.43	71.08	68.43	50.77	55.72	54.05	81.35	75.03	51.38	58.82	58.94	53.87	52.25	74.84	99.18	90.36	82.52	71.56	63.45	51.46	63.09
	-4.26	-4.61	-6.51	-6.55	-7.14	-6.40	-4.20	-5.37	-4.51	-7.25	-5.62	-4.40	-4.26	-4.55	-3.90	-2.68	-5.17	-7.15	-6.09	-6.42	-5.89	-4.72	-3.42	-3.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	2.66	0.00	0.00	0.00	-0.89	0.00	0.00	0.00	0.00	0.00	-0.64	0.00	0.00
SELKIRK___I 23801	54.25	55.45	71.97	73.97	83.52	79.90	96.78	79.06	62.54	93.37	85.26	61.45	65.30	65.67	60.06	62.37	83.34	110.54	100.27	92.37	80.41	74.45	57.01	69.40
	3.46	3.56	4.89	4.99	5.31	5.07	4.02	4.57	3.98	4.78	4.61	3.01	2.22	2.18	2.29	2.39	3.33	4.20	3.83	3.43	2.96	2.62	2.14	2.62
	0.00	0.00	0.00	0.00	0.00	0.00	-37.78	-13.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.95	0.00	0.00	0.00	0.00	0.00	-4.30	0.00	0.00
SELKIRK___II 23799	52.38	53.51	69.37	71.27	80.57	77.03	93.72	76.38	60.80	91.84	83.87	60.78	65.36	65.74	60.02	62.33	83.07	110.13	99.90	92.04	80.13	74.22	56.80	69.11
	1.59	1.62	2.29	2.29	2.35	2.20	1.92	2.37	2.24	3.24	3.23	2.34	2.27	2.26	2.25	2.29	3.06	3.79	3.46	3.10	2.68	2.36	1.92	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	-36.82	-13.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.01	0.00	0.00	0.00	0.00	0.00	-4.34	0.00	0.00
SENECA OSWGO___HYD 24041	48.87	49.83	64.32	66.22	75.11	72.08	53.43	60.73	58.47	87.79	80.10	57.81	62.34	62.57	57.11	54.50	79.94	106.77	97.19	89.45	77.63	68.02	54.98	66.79
	-1.93	-2.05	-2.76	-2.77	-3.11	-2.75	-1.54	-0.23	-0.08	-0.81	-0.55	-0.63	-0.75	-0.91	-0.66	-0.06	-0.06	0.43	0.75	0.52	0.19	0.11	0.11	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	0.00	0.00	0.00	0.00	0.00	-0.38	0.00	0.00
SENECA___115KV_TB3 355854	47.25	47.92	61.44	63.33	72.09	69.42	51.62	56.79	55.02	82.65	76.14	52.00	59.68	59.80	54.67	53.06	76.14	101.21	92.28	84.27	73.06	64.76	52.44	64.19
	-3.54	-3.96	-5.65	-5.65	-6.13	-5.40	-3.36	-4.31	-3.53	-5.95	-4.50	-3.60	-3.41	-3.68	-3.10	-1.90	-3.86	-5.13	-4.16	-4.67	-4.39	-3.43	-2.44	-2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	2.84	0.00	0.00	0.00	-0.92	0.00	0.00	0.00	0.00	0.00	-0.67	0.00	0.00
SENECA___ENERGY 23797	49.07	49.96	64.21	66.10	75.04	72.16	53.69	59.63	57.44	86.03	78.11	55.73	60.94	61.26	55.93	53.43	78.14	104.46	95.25	87.55	76.20	66.95	54.07	65.71
	-1.72	-1.92	-2.87	-2.89	-3.17	-2.67	-1.29	-1.41	-1.11	-2.57	-2.53	-2.08	-2.14	-2.23	-1.84	-1.35	-1.87	-1.88	-1.20	-1.39	-1.25	-1.12	-0.80	-1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	0.00	0.63	0.00	0.00	0.00	-0.74	0.00	0.00	0.00	0.00	0.00	-0.54	0.00	0.00
SHOEMAKER___GT 23640	52.45	53.42	68.93	70.78	80.06	77.04	65.21	67.73	61.05	92.00	83.82	60.70	65.29	65.69	60.07	61.08	83.56	111.75	101.52	93.44	81.36	74.11	57.55	69.84
	1.66	1.53	1.85	1.79	1.84	2.21	2.12	2.74	2.49	3.40	3.17	2.26	2.21	2.21	2.29	2.50	3.55	5.41	5.08	4.50	3.91	3.31	2.68	3.06
	0.00	0.00	0.00	0.00	0.00	0.00	-8.11	-4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.54	0.00	0.00	0.00	0.00	0.00	-3.27	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	52.41	53.37	68.88	70.71	79.99	76.97	65.10	67.64	61.00	92.02	83.85	60.72	65.33	65.72	60.10	61.08	83.56	111.68	101.43	93.38	81.29	74.02	57.51	69.78
	1.62	1.49	1.79	1.72	1.77	2.15	2.07	2.69	2.44	3.42	3.21	2.27	2.25	2.24	2.33	2.54	3.55	5.35	4.99	4.44	3.85	3.24	2.63	2.99
	0.00	0.00	0.00	0.00	0.00	0.00	-8.06	-4.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	0.00	0.00	0.00	0.00	0.00	-3.25	0.00	0.00
SHOREHAM_IC_1 23715	54.56	55.51	71.47	73.30	83.06	95.12	112.05	71.96	63.49	94.70	85.49	62.10	67.49	67.98	62.21	63.20	86.11	115.74	104.59	96.19	83.71	76.71	59.66	72.66
	3.77	3.62	4.40	4.32	4.85	5.27	4.75	5.80	4.93	6.10	4.85	3.66	4.41	4.49	4.44	4.21	6.11	9.41	8.14	7.25	6.26	5.60	4.79	5.88
	0.00	0.00	0.00	0.00	0.00	-15.03	-52.33	-5.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.96	0.00	0.00	0.00	0.00	0.00	-3.58	0.00	0.00
SHOREHAM_IC_2 23716	54.56	55.51	71.47	73.30	83.06	95.12	112.05	71.96	63.49	94.70	85.49	62.10	67.49	67.98	62.21	63.20	86.11	115.74	104.59	96.19	83.71	76.71	59.66	72.66
	3.77	3.62	4.40	4.32	4.85	5.27	4.75	5.80	4.93	6.10	4.85	3.66	4.41	4.49	4.44	4.21	6.11	9.41	8.14	7.25	6.26	5.60	4.79	5.88
	0.00	0.00	0.00	0.00	0.00	-15.03	-52.33	-5.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.96	0.00	0.00	0.00	0.00	0.00	-3.58	0.00	0.00
SISSONVILLE____ 23735	51.13	52.30	67.84	69.82	80.12	76.55	55.43	61.06	58.74	88.96	80.25	57.85	62.66	63.16	56.74	52.19	77.75	103.49	93.81	86.99	76.22	67.16	54.75	66.99
	0.33	0.41	0.76	0.83	1.91	1.72	0.45	0.23	0.18	0.36	-0.40	-0.59	-0.42	-0.33	-1.03	-1.93	-2.26	-2.85	-2.63	-1.95	-1.23	-0.43	-0.12	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00
SITHE_IND_GS1 24169	48.32	49.32	63.66	65.49	74.28	71.24	52.62	58.32	56.14	84.62	77.13	55.76	60.26	60.56	55.22	52.32	76.77	102.21	92.83	85.45	74.31	65.11	52.69	64.11
	-2.47	-2.57	-3.42	-3.49	-3.93	-3.59	-2.35	-2.61	-2.42	-3.98	-3.52	-2.68	-2.83	-2.92	-2.55	-2.12	-3.23	-4.13	-3.61	-3.49	-3.13	-2.71	-2.18	-2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00
SITHE_IND_GS2 24170	48.32	49.32	63.66	65.49	74.28	71.24	52.62	58.32	56.14	84.62	77.13	55.76	60.26	60.56	55.22	52.32	76.77	102.21	92.83	85.45	74.31	65.11	52.69	64.11
	-2.47	-2.57	-3.42	-3.49	-3.93	-3.59	-2.35	-2.61	-2.42	-3.98	-3.52	-2.68	-2.83	-2.92	-2.55	-2.12	-3.23	-4.13	-3.61	-3.49	-3.13	-2.71	-2.18	-2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00
SITHE_IND_GS3 24171	48.32	49.32	63.66	65.49	74.28	71.24	52.62	58.32	56.14	84.62	77.13	55.76	60.26	60.56	55.22	52.32	76.77	102.21	92.83	85.45	74.31	65.11	52.69	64.11
	-2.47	-2.57	-3.42	-3.49	-3.93	-3.59	-2.35	-2.61	-2.42	-3.98	-3.52	-2.68	-2.83	-2.92	-2.55	-2.12	-3.23	-4.13	-3.61	-3.49	-3.13	-2.71	-2.18	-2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00
SITHE_IND_GS4 24172	48.32	49.32	63.66	65.49	74.28	71.24	52.62	58.32	56.14	84.62	77.13	55.76	60.26	60.56	55.22	52.32	76.77	102.21	92.83	85.45	74.31	65.11	52.69	64.11
	-2.47	-2.57	-3.42	-3.49	-3.93	-3.59	-2.35	-2.61	-2.42	-3.98	-3.52	-2.68	-2.83	-2.92	-2.55	-2.12	-3.23	-4.13	-3.61	-3.49	-3.13	-2.71	-2.18	-2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00

SITHE____BATAVIA 24024	48.18 -2.61 0.00	48.96 -2.93 0.00	62.76 -4.32 0.00	64.67 -4.32 0.00	73.71 -4.50 0.00	71.17 -3.66 0.00	52.90 -2.08 0.00	58.18 -2.88 -0.26	56.29 -2.27 0.00	84.09 -4.52 0.00	77.09 -3.55 0.00	53.08 -3.23 2.14	59.92 -3.16 0.00	60.10 -3.38 0.00	55.05 -2.72 0.00	53.27 -1.56 -0.80	77.17 -2.84 0.00	102.79 -3.54 0.00	93.81 -2.63 0.00	85.69 -3.24 0.00	74.27 -3.17 0.00	65.59 -2.51 -0.58	53.10 -1.78 0.00	64.99 -1.79 0.00
SITHE____INDEPEND 23800	48.32 -2.47 0.00	49.32 -2.57 0.00	63.66 -3.42 0.00	65.49 -3.50 0.00	74.28 -3.93 0.00	71.23 -3.59 0.00	52.62 -2.35 0.00	58.31 -2.61 -0.13	56.14 -2.42 0.00	84.62 -3.98 0.00	77.13 -3.52 0.00	55.76 -2.68 0.00	60.24 -2.84 0.00	60.56 -2.93 0.00	55.22 -2.55 0.00	52.32 -2.12 -0.41	76.77 -3.23 0.00	102.21 -4.13 0.00	92.83 -3.61 0.00	85.45 -3.48 0.00	74.32 -3.13 0.00	65.11 -2.71 -0.29	52.70 -2.18 0.00	64.10 -2.68 0.00
SITHE____MASSENA 23902	51.27 0.48 0.00	52.42 0.54 0.00	67.96 0.88 0.00	69.75 0.77 0.00	79.77 1.56 0.00	76.05 1.23 0.00	55.11 0.13 0.00	60.59 -0.21 0.00	58.40 -0.16 0.00	88.95 0.35 0.00	80.46 -0.19 0.00	58.14 -0.30 0.00	62.89 -0.19 0.00	63.36 -0.12 0.00	57.22 -0.55 0.00	52.93 -1.10 0.00	78.83 -1.17 0.00	104.39 -1.94 0.00	94.39 -2.06 0.00	87.34 -1.60 0.00	76.29 -1.16 0.00	66.74 -0.79 0.00	54.32 -0.56 0.00	66.42 -0.36 0.00
SITHE____OGDNSBRG 24021	52.21 1.42 0.00	53.39 1.51 0.00	69.23 2.15 0.00	71.11 2.13 0.00	81.42 3.21 0.00	77.78 2.96 0.00	56.39 1.41 0.00	62.02 1.23 0.00	59.59 1.03 0.00	90.31 1.71 0.00	80.83 0.18 0.00	58.28 -0.16 0.00	63.26 0.17 0.00	63.75 0.27 0.00	57.48 -0.29 0.00	52.90 -1.13 0.00	79.27 -0.74 0.00	105.63 -0.70 0.00	95.59 -0.85 0.00	88.53 -0.40 0.00	77.43 -0.02 0.00	67.90 0.37 0.00	55.28 0.41 0.00	67.64 0.86 0.00
SITHE____STERLING 23777	51.70 0.91 0.00	52.80 0.91 0.00	68.29 1.21 0.00	70.44 1.46 0.00	79.87 1.66 0.00	76.84 2.01 0.00	56.85 1.87 0.00	63.14 2.23 -0.11	60.73 2.17 0.00	91.31 2.71 0.00	83.15 2.50 0.00	60.04 1.60 0.00	64.87 1.79 0.00	65.10 1.62 0.00	59.40 1.62 0.00	56.21 1.83 -0.34	82.78 2.77 0.00	110.40 4.06 0.00	100.37 3.92 0.00	92.45 3.52 0.00	80.32 2.87 0.00	70.23 2.45 -0.24	56.80 1.92 0.00	68.93 2.15 0.00
SLEIGHT__34_KV_TB1 80719	48.53 -2.26 0.00	49.42 -2.46 0.00	63.61 -3.47 0.00	65.51 -3.47 0.00	74.48 -3.73 0.00	71.65 -3.18 0.00	53.15 -1.83 0.00	58.86 -2.17 -0.23	56.77 -1.78 0.00	85.38 -3.22 0.00	77.91 -2.74 0.00	55.25 -2.30 0.89	60.84 -2.25 0.00	61.10 -2.39 0.00	55.74 -2.03 0.00	53.43 -1.31 -0.70	77.80 -2.20 0.00	103.48 -2.86 0.00	94.17 -2.27 0.00	86.43 -2.51 0.00	75.04 -2.40 0.00	65.93 -2.11 -0.50	53.30 -1.58 0.00	64.90 -1.87 0.00
SOUTH CAIRO____GT 23612	55.13 4.33 0.00	56.31 4.43 0.00	73.07 5.99 0.00	75.13 6.14 0.00	84.99 6.78 0.00	81.31 6.48 0.00	94.21 5.06 -34.17	79.27 5.90 -12.57	64.16 5.61 0.00	96.54 7.94 0.00	87.94 7.29 0.00	63.53 5.08 0.00	68.06 4.98 0.00	68.31 4.83 0.00	62.42 4.65 0.00	64.44 4.64 -5.77	87.36 7.35 0.00	116.40 10.06 0.00	105.72 9.28 0.00	97.17 8.24 0.00	84.43 6.98 0.00	77.72 6.03 -4.17	59.66 4.79 0.00	72.64 5.85 0.00
SOUTH HAMPTN____IC 23720	54.49 3.70 0.00	55.43 3.54 0.00	71.40 4.32 0.00	73.23 4.25 0.00	83.01 4.79 0.00	95.11 5.26 -15.03	112.10 4.80 -52.33	72.03 5.86 -5.37	63.56 5.00 0.00	94.64 6.04 0.00	85.92 5.28 0.00	62.42 3.98 0.00	67.38 4.30 0.00	67.91 4.43 0.00	62.16 4.39 0.00	63.24 4.24 -4.96	86.26 6.25 0.00	116.05 9.71 0.00	105.01 8.57 0.00	96.53 7.59 0.00	84.05 6.60 0.00	77.13 6.02 -3.58	59.99 5.11 0.00	73.25 6.48 0.00
SOUTHDOW_115KV_TB1 355954	47.99 -2.81 0.00	48.81 -3.08 0.00	62.50 -4.58 0.00	64.61 -4.38 0.00	73.44 -4.77 0.00	70.90 -3.92 0.00	54.86 -1.73 -1.61	59.18 -1.94 -0.32	57.31 -1.25 0.00	86.20 -2.40 0.00	78.99 -1.65 0.00	53.74 -1.66 3.04	61.68 -1.41 0.00	61.77 -1.71 0.00	56.49 -1.28 0.00	54.79 -0.23 -0.99	78.70 -1.31 0.00	104.95 -1.39 0.00	95.77 -0.67 0.00	87.64 -1.30 0.00	75.83 -1.62 0.00	66.98 -1.27 -0.71	53.83 -1.04 0.00	65.37 -1.41 0.00
SOUTHOLD_69_KV_BK 2 55809	54.16 3.37 0.00	55.08 3.19 0.00	70.95 3.87 0.00	72.79 3.80 0.00	82.56 4.34 0.00	94.78 4.92 -15.03	111.93 4.63 -52.33	71.89 5.73 -5.37	63.43 4.87 0.00	94.08 5.48 0.00	85.30 4.65 0.00	61.95 3.51 0.00	66.87 3.78 0.00	67.45 3.96 0.00	61.76 3.99 0.00	62.86 3.86 -4.96	85.94 5.93 0.00	115.77 9.44 0.00	104.97 8.52 0.00	96.39 7.45 0.00	84.05 6.60 0.00	77.37 6.26 -3.58	60.24 5.37 0.00	74.00 7.22 0.00
SOUTHOLD____IC 23719	54.16 3.37 0.00	55.08 3.19 0.00	70.95 3.87 0.00	72.79 3.80 0.00	82.55 4.34 0.00	94.77 4.92 -15.03	111.92 4.62 -52.33	71.89 5.73 -5.37	63.43 4.87 0.00	94.08 5.48 0.00	85.29 4.65 0.00	61.95 3.51 0.00	66.86 3.78 0.00	67.46 3.97 0.00	61.77 4.00 0.00	62.86 3.86 -4.96	85.94 5.93 0.00	115.77 9.44 0.00	104.96 8.52 0.00	96.39 7.45 0.00	84.04 6.60 0.00	77.37 6.26 -3.58	60.24 5.37 0.00	74.00 7.22 0.00
SOUTH_FORK_WT_PWR 323839	53.39 2.60 0.00	54.29 2.41 0.00	69.96 2.88 0.00	71.77 2.78 0.00	81.41 3.20 0.00	93.69 3.84 -15.03	111.13 3.83 -52.33	71.06 4.90 -5.37	62.66 4.10 0.00	92.76 4.15 0.00	84.08 3.44 0.00	61.08 2.64 0.00	65.89 2.80 0.00	66.54 3.05 0.00	60.87 3.10 0.00	62.03 3.03 -4.96	84.73 4.73 0.00	114.22 7.88 0.00	103.58 7.14 0.00	95.07 6.14 0.00	83.02 5.57 0.00	76.70 5.59 -3.58	59.74 4.86 0.00	73.75 6.97 0.00
SPIERFLS_115KV_TB 1 80737	54.98 4.19 0.00	56.11 4.23 0.00	72.72 5.64 0.00	74.72 5.74 0.00	84.53 6.32 0.00	81.27 6.44 0.00	164.09 5.52 -103.60	109.77 6.44 -42.54	64.04 5.48 0.00	96.06 7.46 0.00	87.41 6.76 0.00	63.19 4.75 0.00	68.02 4.94 0.00	68.17 4.69 0.00	62.19 4.41 0.00	65.23 4.90 -6.29	87.53 7.53 0.00	117.02 10.69 0.00	106.46 10.02 0.00	98.06 9.12 0.00	85.31 7.86 0.00	78.89 6.82 -4.54	60.39 5.52 0.00	73.26 6.48 0.00
ST LAWRENCE____ 23600	50.78 -0.01 0.00	51.94 0.05 0.00	67.19 0.10 0.00	69.13 0.14 0.00	78.75 0.53 0.00	75.03 0.20 0.00	54.40 -0.58 0.00	59.83 -0.96 0.00	57.69 -0.86 0.00	87.99 -0.61 0.00	79.70 -0.95 0.00	57.63 -0.81 0.00	62.30 -0.78 0.00	62.76 -0.73 0.00	56.75 -1.02 0.00	52.60 -1.44 0.00	78.26 -1.75 0.00	103.59 -2.74 0.00	93.68 -2.76 0.00	86.65 -2.29 0.00	75.62 -1.83 0.00	66.05 -1.48 0.00	53.71 -1.17 0.00	65.65 -1.13 0.00
STATE_CA_115KV_115_LB 55624	52.59 1.80 0.00	53.75 1.87 0.00	69.77 2.69 0.00	71.68 2.70 0.00	81.02 2.81 0.00	77.40 2.57 0.00	120.80 2.25 -63.57	86.87 2.79 -23.28	61.26 2.70 0.00	92.69 4.09 0.00	84.69 4.04 0.00	61.38 2.94 0.00	66.04 2.95 0.00	66.38 2.89 0.00	60.59 2.82 0.00	63.00 2.85 -6.11	83.74 3.73 0.00	110.79 4.45 0.00	100.45 4.01 0.00	92.53 3.59 0.00	80.52 3.07 0.00	74.65 2.71 -4.42	57.06 2.19 0.00	69.44 2.66 0.00

STATE_ST_34_KV_LOAD 55959	49.95 -0.85 0.00	50.89 -1.00 0.00	65.62 -1.46 0.00	67.52 -1.46 0.00	76.64 -1.57 0.00	73.54 -1.29 0.00	54.44 -0.54 0.00	60.46 -0.57 -0.24	58.34 -0.22 0.00	87.67 -0.93 0.00	79.63 -1.02 0.00	58.40 -1.02 -0.99	62.05 -1.03 0.00	62.37 -1.11 0.00	56.94 -0.83 0.00	54.36 -0.41 -0.73	79.55 -0.46 0.00	106.02 -0.32 0.00	96.57 0.13 0.00	89.09 0.16 0.00	77.48 0.04 0.00	67.83 -0.23 -0.53	54.84 -0.04 0.00	66.65 -0.13 0.00
STATION 5_MISC_HYD 23604	48.05 -2.74 0.00	48.92 -2.97 0.00	62.87 -4.21 0.00	64.75 -4.24 0.00	73.69 -4.52 0.00	70.94 -3.89 0.00	52.63 -2.35 0.00	58.05 -2.98 -0.23	56.08 -2.47 0.00	84.42 -4.18 0.00	77.28 -3.36 0.00	54.05 -2.76 1.63	60.43 -2.66 0.00	60.62 -2.86 0.00	55.30 -2.47 0.00	53.16 -1.59 -0.71	77.07 -2.94 0.00	102.35 -3.98 0.00	93.14 -3.30 0.00	85.29 -3.64 0.00	74.00 -3.44 0.00	65.18 -2.87 -0.52	52.74 -2.13 0.00	64.37 -2.41 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.98 -1.81 0.00	49.87 -2.02 0.00	64.09 -2.99 0.00	66.00 -2.98 0.00	75.08 -3.13 0.00	72.28 -2.55 0.00	53.73 -1.24 0.00	59.51 -1.52 -0.23	57.40 -1.16 0.00	86.18 -2.42 0.00	78.62 -2.03 0.00	54.99 -1.81 1.64	61.31 -1.78 0.00	61.61 -1.87 0.00	56.20 -1.57 0.00	53.92 -0.83 -0.71	78.48 -1.53 0.00	104.59 -1.74 0.00	95.24 -1.20 0.00	87.34 -1.59 0.00	75.83 -1.61 0.00	66.69 -1.34 -0.51	53.88 -0.99 0.00	65.56 -1.22 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.87 -2.92 0.00	48.75 -3.14 0.00	62.66 -4.42 0.00	64.53 -4.46 0.00	73.44 -4.78 0.00	70.67 -4.15 0.00	52.43 -2.54 0.00	57.87 -3.15 -0.23	55.91 -2.65 0.00	84.15 -4.45 0.00	77.02 -3.63 0.00	53.90 -2.94 1.60	60.22 -2.87 0.00	60.43 -3.06 0.00	55.11 -2.66 0.00	52.96 -1.79 -0.71	76.82 -3.18 0.00	102.04 -4.30 0.00	92.84 -3.60 0.00	85.02 -3.91 0.00	73.78 -3.67 0.00	64.95 -3.09 -0.51	52.54 -2.33 0.00	64.10 -2.68 0.00
STA_56___34_KV_BUS2 355983	47.87 -2.92 0.00	48.75 -3.14 0.00	62.66 -4.42 0.00	64.53 -4.46 0.00	73.44 -4.78 0.00	70.67 -4.15 0.00	52.43 -2.54 0.00	57.87 -3.15 -0.23	55.91 -2.65 0.00	84.15 -4.45 0.00	77.02 -3.63 0.00	53.90 -2.94 1.60	60.22 -2.87 0.00	60.43 -3.06 0.00	55.11 -2.66 0.00	52.96 -1.79 -0.71	76.82 -3.18 0.00	102.04 -4.30 0.00	92.84 -3.60 0.00	85.02 -3.91 0.00	73.78 -3.67 0.00	64.95 -3.09 -0.51	52.54 -2.33 0.00	64.10 -2.68 0.00
STA_67___115KV_BK2 355882	47.92 -2.87 0.00	48.79 -3.09 0.00	62.70 -4.38 0.00	64.60 -4.39 0.00	73.50 -4.72 0.00	70.72 -4.11 0.00	52.45 -2.52 0.00	57.87 -3.16 -0.23	55.91 -2.64 0.00	84.15 -4.45 0.00	77.08 -3.56 0.00	53.89 -2.92 1.63	60.25 -2.84 0.00	60.44 -3.04 0.00	55.14 -2.63 0.00	53.01 -1.74 -0.71	76.83 -3.17 0.00	102.03 -4.30 0.00	92.85 -3.59 0.00	85.02 -3.92 0.00	73.77 -3.68 0.00	64.99 -3.05 -0.51	52.60 -2.28 0.00	64.20 -2.59 0.00
STA_7___115KV_9TRANS 80674	48.33 -2.46 0.00	49.20 -2.69 0.00	63.21 -3.87 0.00	65.12 -3.87 0.00	74.11 -4.11 0.00	71.35 -3.48 0.00	52.97 -2.01 0.00	58.45 -2.58 -0.23	56.45 -2.10 0.00	84.95 -3.65 0.00	77.79 -2.86 0.00	54.38 -2.42 1.63	60.80 -2.28 0.00	61.01 -2.48 0.00	55.64 -2.13 0.00	53.52 -1.23 -0.71	77.58 -2.42 0.00	103.07 -3.27 0.00	93.85 -2.59 0.00	85.91 -3.02 0.00	74.53 -2.92 0.00	65.62 -2.42 -0.52	53.09 -1.79 0.00	64.75 -2.03 0.00
STA_82___115KV_TB1 80780	47.94 -2.85 0.00	48.80 -3.08 0.00	62.73 -4.35 0.00	64.60 -4.38 0.00	73.53 -4.69 0.00	70.77 -4.06 0.00	52.49 -2.49 0.00	57.91 -3.12 -0.23	55.94 -2.62 0.00	84.18 -4.42 0.00	77.09 -3.56 0.00	53.89 -2.90 1.65	60.26 -2.82 0.00	60.45 -3.04 0.00	55.16 -2.62 0.00	53.03 -1.72 -0.72	76.86 -3.15 0.00	102.08 -4.25 0.00	92.91 -3.53 0.00	85.06 -3.88 0.00	73.81 -3.64 0.00	65.03 -3.01 -0.52	52.62 -2.26 0.00	64.22 -2.56 0.00
STEEL___WIND 323596	47.16 -3.63 0.00	47.82 -4.07 0.00	61.32 -5.76 0.00	63.16 -5.82 0.00	71.92 -6.29 0.00	69.29 -5.53 0.00	51.52 -3.45 0.00	56.66 -4.43 -0.30	54.92 -3.64 0.00	82.42 -6.18 0.00	75.95 -4.70 0.00	51.84 -3.76 2.84	59.55 -3.54 0.00	59.63 -3.85 0.00	54.55 -3.22 0.00	52.94 -2.02 -0.92	75.99 -4.01 0.00	100.99 -5.34 0.00	92.11 -4.33 0.00	84.17 -4.76 0.00	72.94 -4.50 0.00	64.69 -3.50 -0.67	52.37 -2.50 0.00	64.12 -2.66 0.00
STEPHTWN_115KV_BK_2 55603	52.98 2.19 0.00	54.12 2.24 0.00	70.20 3.12 0.00	72.16 3.17 0.00	81.56 3.35 0.00	77.87 3.05 0.00	106.32 2.65 -48.69	81.52 3.28 -17.44	61.73 3.18 0.00	93.25 4.65 0.00	85.04 4.39 0.00	61.67 3.22 0.00	66.32 3.24 0.00	66.66 3.18 0.00	60.83 3.06 0.00	63.27 3.19 -6.04	84.28 4.27 0.00	111.79 5.46 0.00	101.32 4.88 0.00	93.27 4.33 0.00	81.15 3.71 0.00	75.15 3.26 -4.36	57.48 2.61 0.00	69.95 3.17 0.00
STEUBEN_REC_LFGE 323667	47.42 -3.37 0.00	47.52 -4.36 0.00	60.21 -6.87 0.00	62.27 -6.71 0.00	71.20 -7.02 0.00	67.84 -6.98 0.00	53.49 -4.31 -2.83	57.97 -4.23 -1.40	54.92 -3.64 0.00	81.32 -7.29 0.00	73.68 -6.97 0.00	43.09 -5.28 10.07	58.31 -4.77 0.00	59.41 -4.08 0.00	54.22 -3.55 0.00	53.08 -2.12 -1.17	77.39 -2.61 0.00	105.30 -1.04 0.00	96.68 0.24 0.00	88.65 -0.28 0.00	76.99 -0.46 0.00	68.29 -0.08 -0.84	54.83 -0.05 0.00	66.19 -0.59 0.00
STILLWATER___SOLAR 323814	54.06 3.27 0.00	55.18 3.30 0.00	71.44 4.36 0.00	73.41 4.42 0.00	83.04 4.82 0.00	79.74 4.92 0.00	157.60 4.14 -98.48	105.67 4.82 -40.06	62.79 4.24 0.00	94.41 5.81 0.00	86.03 5.39 0.00	62.26 3.82 0.00	66.98 3.89 0.00	67.27 3.78 0.00	61.35 3.58 0.00	64.28 3.99 -6.25	86.13 6.13 0.00	114.77 8.43 0.00	104.34 7.90 0.00	96.09 7.15 0.00	83.58 6.13 0.00	77.35 5.31 -4.51	59.16 4.28 0.00	71.79 5.01 0.00
STONY___BROOK 24151	54.54 3.75 0.00	55.45 3.56 0.00	71.38 4.30 0.00	73.22 4.23 0.00	82.96 4.74 0.00	95.01 5.16 -15.03	111.94 4.63 -52.33	71.82 5.65 -5.37	63.46 4.90 0.00	94.84 6.24 0.00	86.40 5.76 0.00	62.81 4.37 0.00	67.68 4.60 0.00	68.17 4.69 0.00	62.44 4.67 0.00	63.62 4.62 -4.96	86.78 6.78 0.00	116.46 10.13 0.00	105.59 9.15 0.00	97.08 8.14 0.00	84.46 7.02 0.00	77.20 6.09 -3.58	59.92 5.04 0.00	72.73 5.95 0.00
STURGEON_POOL_HYD 23609	53.01 2.22 0.00	53.98 2.09 0.00	69.62 2.54 0.00	71.46 2.48 0.00	80.87 2.66 0.00	77.86 3.03 0.00	71.48 2.73 -13.77	70.40 3.51 -6.09	61.85 3.29 0.00	93.36 4.76 0.00	85.12 4.48 0.00	61.69 3.25 0.00	66.35 3.26 0.00	66.75 3.27 0.00	61.01 3.24 0.00	62.52 3.40 -5.08	84.84 4.83 0.00	113.50 7.16 0.00	103.14 6.69 0.00	94.93 5.99 0.00	82.64 5.19 0.00	75.56 4.36 -3.67	58.41 3.53 0.00	70.81 4.02 0.00
ST_LAW_115_BK7_LBMP 345037	50.83 0.03 0.00	51.99 0.10 0.00	67.28 0.20 0.00	69.19 0.21 0.00	78.85 0.63 0.00	75.12 0.30 0.00	54.45 -0.53 0.00	59.84 -0.96 0.00	57.70 -0.85 0.00	88.02 -0.58 0.00	79.70 -0.95 0.00	57.62 -0.82 0.00	62.32 -0.77 0.00	62.76 -0.72 0.00	56.73 -1.04 0.00	52.54 -1.50 0.00	78.19 -1.82 0.00	103.49 -2.85 0.00	93.50 -2.94 0.00	86.49 -2.44 0.00	75.53 -1.92 0.00	65.98 -1.55 0.00	53.67 -1.20 0.00	65.62 -1.16 0.00

ST_LAW_115_BK8_LBMP 345038	50.83 0.03 0.00	51.99 0.10 0.00	67.28 0.20 0.00	69.19 0.21 0.00	78.85 0.63 0.00	75.12 0.30 0.00	54.45 -0.53 0.00	59.84 -0.96 0.00	57.70 -0.85 0.00	88.02 -0.58 0.00	79.70 -0.95 0.00	57.62 -0.82 0.00	62.32 -0.77 0.00	62.76 -0.72 0.00	56.73 -1.04 0.00	52.54 -1.50 0.00	78.19 -1.82 0.00	103.49 -2.85 0.00	93.50 -2.94 0.00	86.49 -2.44 0.00	75.53 -1.92 0.00	65.98 -1.55 0.00	53.67 -1.20 0.00	65.62 -1.16 0.00
ST_LAW_230_BK5_LBMP 345035	50.78 -0.01 0.00	51.94 0.05 0.00	67.19 0.10 0.00	69.13 0.14 0.00	78.75 0.53 0.00	75.03 0.20 0.00	54.40 -0.58 0.00	59.83 -0.96 0.00	57.69 -0.86 0.00	87.99 -0.61 0.00	79.70 -0.95 0.00	57.63 -0.81 0.00	62.30 -0.78 0.00	62.76 -0.73 0.00	56.75 -1.02 0.00	52.60 -1.44 0.00	78.26 -1.75 0.00	103.59 -2.74 0.00	93.68 -2.76 0.00	86.65 -2.29 0.00	75.62 -1.83 0.00	66.05 -1.48 0.00	53.71 -1.17 0.00	65.65 -1.13 0.00
ST_LAW_230_BK6_LBMP 345036	50.78 -0.01 0.00	51.94 0.05 0.00	67.19 0.10 0.00	69.13 0.14 0.00	78.75 0.53 0.00	75.03 0.20 0.00	54.40 -0.58 0.00	59.83 -0.96 0.00	57.69 -0.86 0.00	87.99 -0.61 0.00	79.70 -0.95 0.00	57.63 -0.81 0.00	62.30 -0.78 0.00	62.76 -0.73 0.00	56.75 -1.02 0.00	52.60 -1.44 0.00	78.26 -1.75 0.00	103.59 -2.74 0.00	93.68 -2.76 0.00	86.65 -2.29 0.00	75.62 -1.83 0.00	66.05 -1.48 0.00	53.71 -1.17 0.00	65.65 -1.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.56 1.77 0.00	53.49 1.60 0.00	68.99 1.92 0.00	70.79 1.80 0.00	80.09 1.88 0.00	77.13 2.31 0.00	65.50 2.21 -8.31	67.99 2.91 -4.29	61.22 2.66 0.00	92.49 3.89 0.00	84.37 3.73 0.00	61.10 2.65 0.00	65.72 2.63 0.00	66.13 2.65 0.00	60.48 2.71 0.00	61.59 2.91 -4.64	84.00 3.99 0.00	112.13 5.79 0.00	101.81 5.37 0.00	93.72 4.78 0.00	81.61 4.16 0.00	74.37 3.50 -3.35	57.71 2.83 0.00	70.04 3.25 0.00
SWANROAD_115KV_TB1 355699	45.66 -5.13 0.00	46.40 -5.48 0.00	59.36 -7.72 0.00	61.16 -7.82 0.00	69.69 -8.53 0.00	67.15 -7.68 0.00	49.69 -5.29 0.00	54.39 -6.68 -0.28	52.84 -5.72 0.00	79.43 -9.17 0.00	73.39 -7.25 0.00	50.46 -5.52 2.46	57.52 -5.57 0.00	57.59 -5.89 0.00	52.64 -5.13 0.00	51.03 -3.86 -0.86	72.93 -7.07 0.00	96.52 -9.82 0.00	87.95 -8.49 0.00	80.30 -8.64 0.00	69.71 -7.74 0.00	61.86 -6.29 -0.62	50.25 -4.63 0.00	61.81 -4.97 0.00
SYNERGY___BIOGAS 323694	48.18 -2.61 0.00	48.96 -2.93 0.00	62.76 -4.32 0.00	64.67 -4.32 0.00	73.71 -4.50 0.00	71.17 -3.66 0.00	52.90 -2.08 0.00	58.18 -2.88 -0.26	56.29 -2.27 0.00	84.09 -4.52 0.00	77.09 -3.55 0.00	53.08 -3.23 2.14	59.92 -3.16 0.00	60.10 -3.38 0.00	55.05 -2.72 0.00	53.27 -1.56 -0.80	77.17 -2.84 0.00	102.79 -3.54 0.00	93.81 -2.63 0.00	85.69 -3.24 0.00	74.27 -3.17 0.00	65.59 -2.51 -0.58	53.10 -1.78 0.00	64.99 -1.79 0.00
SYRACUSE___ENERGY_ST1 323597	49.52 -1.27 0.00	50.50 -1.38 0.00	65.15 -1.93 0.00	67.06 -1.93 0.00	76.06 -2.15 0.00	73.00 -1.83 0.00	54.06 -0.91 0.00	60.28 -0.71 -0.20	58.01 -0.55 0.00	87.26 -1.34 0.00	79.48 -1.16 0.00	57.37 -1.07 0.00	61.94 -1.15 0.00	62.26 -1.23 0.00	56.81 -0.96 0.00	54.17 -0.48 -0.61	79.30 -0.71 0.00	105.74 -0.60 0.00	96.18 -0.26 0.00	88.52 -0.42 0.00	76.92 -0.52 0.00	67.46 -0.51 -0.44	54.48 -0.40 0.00	66.19 -0.59 0.00
SYRACUSE___ENERGY_ST2 323598	49.52 -1.27 0.00	50.50 -1.38 0.00	65.15 -1.93 0.00	67.06 -1.93 0.00	76.06 -2.15 0.00	73.00 -1.83 0.00	54.06 -0.91 0.00	60.28 -0.71 -0.20	58.01 -0.55 0.00	87.26 -1.34 0.00	79.48 -1.16 0.00	57.37 -1.07 0.00	61.94 -1.15 0.00	62.26 -1.23 0.00	56.81 -0.96 0.00	54.17 -0.48 -0.61	79.30 -0.71 0.00	105.74 -0.60 0.00	96.18 -0.26 0.00	88.52 -0.42 0.00	76.92 -0.52 0.00	67.46 -0.51 -0.44	54.48 -0.40 0.00	66.19 -0.59 0.00
SYRACUSE___POWER 24017	49.49 -1.30 0.00	50.48 -1.40 0.00	65.12 -1.96 0.00	67.03 -1.95 0.00	76.00 -2.21 0.00	72.97 -1.86 0.00	54.05 -0.93 0.00	60.11 -0.89 -0.20	57.81 -0.74 0.00	87.01 -1.59 0.00	79.29 -1.35 0.00	57.92 -1.19 -0.67	61.81 -1.28 0.00	62.10 -1.38 0.00	56.68 -1.09 0.00	54.04 -0.63 -0.63	79.05 -0.95 0.00	105.49 -0.84 0.00	95.95 -0.49 0.00	88.26 -0.68 0.00	76.69 -0.76 0.00	67.30 -0.68 -0.45	54.31 -0.56 0.00	65.98 -0.81 0.00
TALLMAN___138KV_BK151 55660	52.61 1.82 0.00	53.50 1.62 0.00	68.97 1.89 0.00	70.74 1.75 0.00	80.04 1.82 0.00	77.14 2.32 0.00	65.77 2.26 -8.53	68.19 2.99 -4.40	61.31 2.75 0.00	92.72 4.12 0.00	84.63 3.99 0.00	61.29 2.85 0.00	65.91 2.82 0.00	66.34 2.86 0.00	60.71 2.94 0.00	61.94 3.15 -4.76	84.21 4.20 0.00	112.39 6.05 0.00	102.05 5.61 0.00	93.92 4.99 0.00	81.82 4.38 0.00	74.61 3.65 -3.44	57.84 2.96 0.00	70.21 3.43 0.00
TEALLAVE_115KV_TB7 355573	49.12 -1.67 0.00	50.10 -1.78 0.00	64.65 -2.43 0.00	66.53 -2.45 0.00	75.45 -2.76 0.00	72.45 -2.38 0.00	53.65 -1.33 0.00	59.63 -1.35 -0.18	57.40 -1.16 0.00	86.39 -2.21 0.00	78.79 -1.86 0.00	56.89 -1.55 0.00	61.43 -1.65 0.00	61.74 -1.74 0.00	56.34 -1.43 0.00	53.65 -0.93 -0.54	78.56 -1.45 0.00	104.67 -1.66 0.00	95.18 -1.26 0.00	87.55 -1.39 0.00	76.07 -1.38 0.00	66.70 -1.22 -0.39	53.88 -0.99 0.00	65.48 -1.30 0.00
TELGRAPH_34_KV_EAST 80808	46.97 -3.82 0.00	47.74 -4.15 0.00	61.14 -5.94 0.00	63.02 -5.97 0.00	71.81 -6.40 0.00	69.22 -5.60 0.00	51.35 -3.62 0.00	56.35 -4.71 -0.27	54.63 -3.92 0.00	81.99 -6.61 0.00	75.49 -5.15 0.00	52.04 -4.12 2.29	59.02 -4.06 0.00	59.10 -4.39 0.00	54.11 -3.66 0.00	52.32 -2.54 -0.83	75.16 -4.85 0.00	99.75 -6.59 0.00	90.91 -5.53 0.00	83.03 -5.91 0.00	72.05 -5.40 0.00	63.79 -4.34 -0.60	51.72 -3.16 0.00	63.43 -3.35 0.00
TEMPLE___115KV_TB 2 55572	49.14 -1.65 0.00	50.13 -1.76 0.00	64.66 -2.42 0.00	66.56 -2.43 0.00	75.47 -2.75 0.00	72.46 -2.37 0.00	53.66 -1.32 0.00	59.63 -1.35 -0.18	57.40 -1.16 0.00	86.39 -2.21 0.00	78.79 -1.85 0.00	56.90 -1.54 0.00	61.45 -1.64 0.00	61.76 -1.73 0.00	56.35 -1.42 0.00	53.67 -0.92 -0.55	78.57 -1.43 0.00	104.70 -1.64 0.00	95.19 -1.25 0.00	87.55 -1.38 0.00	76.07 -1.38 0.00	66.71 -1.22 -0.40	53.88 -0.99 0.00	65.49 -1.30 0.00
TIANA____69_KV_BK 1 55817	54.58 3.78 0.00	55.53 3.64 0.00	71.50 4.42 0.00	73.33 4.35 0.00	83.14 4.92 0.00	95.22 5.36 -15.03	112.15 4.85 -52.33	72.08 5.92 -5.37	63.59 5.04 0.00	94.78 6.18 0.00	86.08 5.43 0.00	62.52 4.08 0.00	67.50 4.42 0.00	68.03 4.55 0.00	62.26 4.49 0.00	63.33 4.34 -4.96	86.39 6.38 0.00	116.18 9.84 0.00	105.12 8.68 0.00	96.63 7.70 0.00	84.12 6.67 0.00	77.12 6.01 -3.58	59.98 5.11 0.00	73.12 6.34 0.00
TILDEN___115KV_TB1 80814	49.49 -1.30 0.00	50.48 -1.40 0.00	65.12 -1.96 0.00	67.03 -1.95 0.00	76.00 -2.21 0.00	72.97 -1.86 0.00	54.05 -0.93 0.00	60.11 -0.89 -0.20	57.81 -0.74 0.00	87.01 -1.59 0.00	79.29 -1.35 0.00	57.92 -1.19 -0.67	61.81 -1.28 0.00	62.10 -1.38 0.00	56.68 -1.09 0.00	54.04 -0.63 -0.63	79.05 -0.95 0.00	105.49 -0.84 0.00	95.95 -0.49 0.00	88.26 -0.68 0.00	76.69 -0.76 0.00	67.30 -0.68 -0.45	54.31 -0.56 0.00	65.98 -0.81 0.00

TRIGEN___CC 323695	53.72 2.93 0.00	54.62 2.74 0.00	70.35 3.27 0.00	72.16 3.17 0.00	81.70 3.48 0.00	93.82 3.97 -15.03	110.84 3.54 -52.33	70.57 4.41 -5.37	62.47 3.92 0.00	94.06 5.45 0.00	86.06 5.41 0.00	62.46 4.03 0.00	67.18 4.10 0.00	67.58 4.10 0.00	61.92 4.15 0.00	63.17 4.17 -4.96	85.85 5.84 0.00	114.63 8.29 0.00	104.06 7.62 0.00	95.77 6.83 0.00	83.35 5.90 0.00	76.12 5.02 -3.58	59.01 4.14 0.00	71.52 4.74 0.00
TRINITY___115KV___4 BK 55933	52.44 1.65 0.00	53.59 1.70 0.00	69.57 2.49 0.00	71.48 2.49 0.00	80.78 2.56 0.00	77.15 2.32 0.00	107.61 2.04 -50.59	81.28 2.55 -17.93	61.02 2.46 0.00	92.33 3.73 0.00	84.37 3.72 0.00	61.16 2.72 0.00	65.80 2.72 0.00	66.14 2.66 0.00	60.39 2.62 0.00	62.72 2.63 -6.05	83.40 3.39 0.00	110.26 3.93 0.00	100.01 3.57 0.00	92.10 3.16 0.00	80.20 2.75 0.00	74.34 2.44 -4.37	56.87 1.99 0.00	69.21 2.42 0.00
UNION___PROCESSING_DRP 323587	47.95 -2.84 0.00	48.82 -3.07 0.00	62.74 -4.34 0.00	64.63 -4.36 0.00	73.55 -4.67 0.00	70.77 -4.05 0.00	52.51 -2.47 0.00	57.92 -3.11 -0.23	55.96 -2.60 0.00	84.24 -4.37 0.00	77.11 -3.54 0.00	53.89 -2.90 1.65	60.28 -2.81 0.00	60.46 -3.03 0.00	55.17 -2.60 0.00	53.05 -1.71 -0.72	76.90 -3.11 0.00	102.14 -4.20 0.00	92.94 -3.50 0.00	85.09 -3.85 0.00	73.84 -3.61 0.00	65.04 -3.00 -0.52	52.64 -2.24 0.00	64.24 -2.54 0.00
UPPER HUDSON___HYD 24058	54.98 4.19 0.00	56.12 4.23 0.00	72.72 5.64 0.00	74.72 5.73 0.00	84.53 6.32 0.00	81.27 6.44 0.00	164.09 5.52 -103.60	109.78 6.44 -42.54	64.04 5.49 0.00	96.06 7.46 0.00	87.41 6.76 0.00	63.19 4.75 0.00	68.01 4.93 0.00	68.17 4.69 0.00	62.19 4.41 0.00	65.23 4.90 -6.29	87.53 7.53 0.00	117.02 10.69 0.00	106.46 10.02 0.00	98.06 9.13 0.00	85.31 7.86 0.00	78.89 6.82 -4.54	60.40 5.52 0.00	73.26 6.48 0.00
UPPER RAQUET___HYD 24056	51.13 0.33 0.00	52.30 0.41 0.00	67.84 0.76 0.00	69.82 0.83 0.00	80.12 1.91 0.00	76.54 1.72 0.00	55.43 0.45 0.00	61.06 0.24 -0.03	58.73 0.17 0.00	88.96 0.36 0.00	80.24 -0.40 0.00	57.86 -0.59 0.00	62.66 -0.42 0.00	63.16 -0.33 0.00	56.73 -1.03 0.00	52.19 -1.93 -0.09	77.75 -2.26 0.00	103.49 -2.85 0.00	93.81 -2.63 0.00	86.99 -1.95 0.00	76.22 -1.23 0.00	67.16 -0.43 -0.06	54.75 -0.12 0.00	66.99 0.21 0.00
VALLEY44_115KV_TB2 355964	48.80 -1.99 0.00	49.55 -2.33 0.00	63.69 -3.39 0.00	65.59 -3.40 0.00	74.51 -3.71 0.00	71.31 -3.52 0.00	54.68 -1.95 -1.66	58.81 -2.31 -0.32	56.75 -1.81 0.00	85.41 -3.18 0.00	78.35 -2.30 0.00	53.41 -1.91 3.12	61.56 -1.52 0.00	61.73 -1.75 0.00	56.28 -1.49 0.00	54.12 -0.93 -1.02	77.24 -2.76 0.00	102.65 -3.68 0.00	93.53 -2.92 0.00	85.53 -3.41 0.00	74.23 -3.22 0.00	65.88 -2.38 -0.73	53.47 -1.41 0.00	65.28 -1.50 0.00
VALLEY___115KV_TB 1-4 80826	51.98 1.19 0.00	53.05 1.16 0.00	68.62 1.55 0.00	70.46 1.48 0.00	79.69 1.48 0.00	76.47 1.64 0.00	56.86 1.89 0.00	63.15 2.35 0.00	60.27 1.72 0.00	90.31 1.71 0.00	82.80 2.15 0.00	60.03 1.59 0.00	64.49 1.41 0.00	64.57 1.08 0.00	59.04 1.27 0.00	55.78 1.74 0.00	82.55 2.55 0.00	110.35 4.02 0.00	100.29 3.85 0.00	92.47 3.53 0.00	80.52 3.07 0.00	70.22 2.69 0.00	57.09 2.21 0.00	69.21 2.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	53.57 2.78 0.00	54.75 2.87 0.00	70.78 3.70 0.00	72.76 3.78 0.00	82.47 4.26 0.00	79.19 4.36 0.00	72.53 3.61 -13.94	70.96 4.21 -5.96	62.68 4.13 0.00	94.59 5.99 0.00	86.20 5.56 0.00	62.29 3.85 0.00	67.21 4.12 0.00	67.63 4.15 0.00	61.73 3.96 0.00	60.38 4.16 -2.18	86.20 6.20 0.00	115.08 8.74 0.00	104.55 8.11 0.00	96.31 7.38 0.00	83.85 6.41 0.00	74.64 5.54 -1.57	59.31 4.43 0.00	71.98 5.20 0.00
VISCHER___FERRY HYD 24020	53.30 2.52 0.00	54.42 2.53 0.00	70.46 3.38 0.00	72.38 3.39 0.00	81.87 3.65 0.00	78.45 3.62 0.00	139.50 3.08 -81.43	96.40 3.66 -31.94	61.95 3.40 0.00	93.44 4.84 0.00	85.15 4.51 0.00	61.75 3.31 0.00	66.44 3.35 0.00	66.75 3.27 0.00	60.95 3.18 0.00	63.56 3.39 -6.14	84.88 4.88 0.00	112.75 6.41 0.00	102.42 5.97 0.00	94.33 5.40 0.00	82.13 4.69 0.00	76.02 4.06 -4.43	58.16 3.29 0.00	70.61 3.83 0.00
V_A_10_SYNC_DSASP 323832	46.42 -4.37 0.00	47.22 -4.66 0.00	60.60 -6.48 0.00	62.45 -6.54 0.00	71.05 -7.16 0.00	68.36 -6.47 0.00	50.64 -4.34 0.00	55.63 -5.43 -0.25	53.90 -4.66 0.00	81.22 -7.38 0.00	74.73 -5.92 0.00	51.83 -4.59 2.02	58.59 -4.50 0.00	58.72 -4.76 0.00	53.62 -4.15 0.00	51.74 -3.08 -0.79	74.39 -5.62 0.00	98.47 -7.86 0.00	89.60 -6.84 0.00	81.90 -7.04 0.00	71.06 -6.38 0.00	62.87 -5.23 -0.57	51.02 -3.86 0.00	62.51 -4.27 0.00
V_CMM_10_SYNC_DSASP 323787	51.09 0.30 0.00	52.24 0.35 0.00	67.59 0.51 0.00	69.54 0.55 0.00	79.23 1.02 0.00	75.50 0.67 0.00	54.72 -0.25 0.00	60.16 -0.63 0.00	58.00 -0.55 0.00	88.47 -0.13 0.00	80.13 -0.52 0.00	57.92 -0.53 0.00	62.63 -0.45 0.00	63.09 -0.39 0.00	57.03 -0.74 0.00	52.83 -1.21 0.00	78.63 -1.38 0.00	104.01 -2.33 0.00	93.70 -2.74 0.00	86.65 -2.29 0.00	75.64 -1.81 0.00	66.14 -1.39 0.00	53.92 -0.95 0.00	65.95 -0.83 0.00
V_CMP_10_SYNC_DSASP 323788	50.52 -0.27 0.00	51.70 -0.18 0.00	67.03 -0.05 0.00	68.98 -0.01 0.00	78.74 0.53 0.00	74.96 0.13 0.00	54.21 -0.77 0.00	59.80 -1.00 0.00	57.71 -0.85 0.00	88.22 -0.38 0.00	79.83 -0.82 0.00	57.08 -1.36 0.00	61.49 -1.59 0.00	23.52 -1.66 38.30	-14.37 -1.95 70.19	51.90 -2.13 0.00	77.94 -2.07 0.00	103.94 -2.39 0.00	95.05 -1.39 0.00	88.17 -0.77 0.00	77.06 -0.39 0.00	67.41 -0.12 0.00	54.77 -0.11 0.00	67.34 0.56 0.00
V_D_10_SYNC_DSASP 323841	51.27 0.48 0.00	52.42 0.54 0.00	67.96 0.88 0.00	69.75 0.77 0.00	79.77 1.55 0.00	76.03 1.20 0.00	55.11 0.13 0.00	60.58 -0.22 0.00	58.40 -0.16 0.00	88.95 0.35 0.00	80.46 -0.19 0.00	58.14 -0.30 0.00	62.89 -0.19 0.00	63.36 -0.12 0.00	57.22 -0.55 0.00	52.94 -1.10 0.00	78.84 -1.16 0.00	104.40 -1.93 0.00	94.39 -2.05 0.00	87.34 -1.60 0.00	76.29 -1.16 0.00	66.73 -0.80 0.00	54.32 -0.56 0.00	66.41 -0.37 0.00
V_E_10_SYNC_DSASP 323830	52.01 1.22 0.00	53.02 1.13 0.00	68.63 1.55 0.00	70.88 1.89 0.00	79.41 1.19 0.00	77.67 2.84 0.00	64.78 3.37 -6.43	67.04 3.34 -2.90	62.21 3.65 0.00	93.05 4.45 0.00	84.06 3.41 0.00	64.13 1.36 -4.34	64.53 1.44 0.00	64.93 1.45 0.00	59.49 1.72 0.00	57.72 2.09 -1.60	84.58 4.58 0.00	115.27 8.94 0.00	106.87 10.43 0.00	98.40 9.46 0.00	86.15 8.71 0.00	76.44 7.76 -1.15	61.03 6.15 0.00	73.86 7.08 0.00
V_F_30_NSYNC___DSASP 323816	54.09 3.30 0.00	55.22 3.33 0.00	71.45 4.37 0.00	73.45 4.46 0.00	83.08 4.86 0.00	79.78 4.95 0.00	159.91 4.16 -100.77	106.79 4.82 -41.17	62.82 4.26 0.00	94.50 5.90 0.00	86.09 5.44 0.00	62.31 3.87 0.00	67.05 3.96 0.00	67.34 3.86 0.00	61.43 3.66 0.00	64.35 4.05 -6.27	86.19 6.18 0.00	114.83 8.49 0.00	104.38 7.94 0.00	96.13 7.19 0.00	83.62 6.17 0.00	77.40 5.35 -4.52	59.18 4.31 0.00	71.82 5.04 0.00

V_F_30_SYNC_DSASP 323786	52.59 1.80 0.00	53.75 1.87 0.00	69.77 2.69 0.00	71.68 2.70 0.00	81.01 2.80 0.00	77.40 2.57 0.00	119.72 2.25 -62.49	86.40 2.79 -22.81	61.25 2.70 0.00	92.69 4.09 0.00	84.69 4.04 0.00	61.38 2.94 0.00	66.03 2.95 0.00	66.37 2.89 0.00	60.59 2.82 0.00	63.00 2.85 -6.11	83.74 3.73 0.00	110.79 4.45 0.00	100.45 4.01 0.00	92.53 3.59 0.00	80.52 3.07 0.00	74.65 2.71 -4.42	57.07 2.20 0.00	69.44 2.66 0.00
V_XM_10_SYNC_DSASP 323789	50.52 -0.27 0.00	51.70 -0.18 0.00	67.03 -0.05 0.00	68.98 -0.01 0.00	78.74 0.53 0.00	74.96 0.13 0.00	54.21 -0.77 0.00	59.80 -1.00 0.00	57.71 -0.85 0.00	88.22 -0.38 0.00	79.83 -0.82 0.00	57.08 -1.36 0.00	61.49 -1.59 0.00	23.52 -1.66 38.30	-14.37 -1.95 70.19	51.90 -2.13 0.00	77.94 -2.07 0.00	103.94 -2.39 0.00	95.05 -1.39 0.00	88.17 -0.77 0.00	77.06 -0.39 0.00	67.41 -0.12 0.00	54.77 -0.11 0.00	67.34 0.56 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.79 2.00 0.00	53.69 1.81 0.00	69.23 2.15 0.00	70.99 2.00 0.00	80.31 2.09 0.00	77.43 2.61 0.00	66.04 2.47 -8.58	68.44 3.22 -4.43	61.51 2.95 0.00	93.07 4.47 0.00	84.94 4.29 0.00	61.52 3.08 0.00	66.16 3.08 0.00	66.58 3.10 0.00	60.93 3.16 0.00	62.18 3.36 -4.79	84.55 4.54 0.00	112.85 6.51 0.00	102.45 6.01 0.00	94.30 5.37 0.00	82.15 4.70 0.00	74.90 3.92 -3.46	58.05 3.17 0.00	70.45 3.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.11 2.32 0.00	53.99 2.10 0.00	69.54 2.47 0.00	71.33 2.35 0.00	80.62 2.40 0.00	77.78 2.96 0.00	66.69 2.79 -8.93	69.05 3.66 -4.60	62.05 3.49 0.00	93.75 5.16 0.00	85.64 4.99 0.00	62.16 3.72 0.00	66.83 3.75 0.00	67.24 3.76 0.00	61.58 3.80 0.00	62.91 3.91 -4.96	85.15 5.15 0.00	113.66 7.32 0.00	103.17 6.72 0.00	94.89 5.95 0.00	82.61 5.16 0.00	75.48 4.37 -3.58	58.45 3.58 0.00	70.84 4.05 0.00
W50THST__13_KV_LOAD 356117	53.48 2.69 0.00	54.33 2.44 0.00	69.90 2.82 0.00	71.68 2.69 0.00	81.03 2.82 0.00	78.22 3.40 0.00	67.05 3.15 -8.93	69.53 4.14 -4.60	62.53 3.98 0.00	94.55 5.95 0.00	86.40 5.75 0.00	62.73 4.29 0.00	67.44 4.36 0.00	67.84 4.36 0.00	62.13 4.36 0.00	63.40 4.40 -4.96	85.86 5.86 0.00	114.59 8.25 0.00	103.95 7.50 0.00	95.56 6.62 0.00	83.16 5.71 0.00	75.93 4.82 -3.58	58.83 3.95 0.00	71.27 4.49 0.00
WADING RIVER_IC_1 23522	54.52 3.73 0.00	55.45 3.57 0.00	71.42 4.34 0.00	73.23 4.25 0.00	82.99 4.78 0.00	95.05 5.19 -15.03	112.00 4.69 -52.33	71.90 5.73 -5.37	63.43 4.87 0.00	94.64 6.04 0.00	85.95 5.30 0.00	62.46 4.01 0.00	67.46 4.38 0.00	67.97 4.48 0.00	62.21 4.44 0.00	63.18 4.18 -4.96	86.04 6.03 0.00	115.59 9.25 0.00	104.43 7.99 0.00	96.02 7.09 0.00	83.59 6.14 0.00	76.60 5.49 -3.58	59.60 4.72 0.00	72.57 5.79 0.00
WADING RIVER_IC_2 23547	54.52 3.73 0.00	55.45 3.57 0.00	71.42 4.34 0.00	73.23 4.25 0.00	82.99 4.78 0.00	95.05 5.19 -15.03	112.00 4.69 -52.33	71.90 5.73 -5.37	63.43 4.87 0.00	94.64 6.04 0.00	85.95 5.30 0.00	62.46 4.01 0.00	67.46 4.38 0.00	67.97 4.48 0.00	62.21 4.44 0.00	63.18 4.18 -4.96	86.04 6.03 0.00	115.59 9.25 0.00	104.43 7.99 0.00	96.02 7.09 0.00	83.59 6.14 0.00	76.60 5.49 -3.58	59.60 4.72 0.00	72.57 5.79 0.00
WADING RIVER_IC_3 23601	54.52 3.73 0.00	55.45 3.57 0.00	71.42 4.34 0.00	73.23 4.25 0.00	82.99 4.78 0.00	95.05 5.19 -15.03	112.00 4.69 -52.33	71.90 5.73 -5.37	63.43 4.87 0.00	94.64 6.04 0.00	85.95 5.30 0.00	62.46 4.01 0.00	67.46 4.38 0.00	67.97 4.48 0.00	62.21 4.44 0.00	63.18 4.18 -4.96	86.04 6.03 0.00	115.59 9.25 0.00	104.43 7.99 0.00	96.02 7.09 0.00	83.59 6.14 0.00	76.60 5.49 -3.58	59.60 4.72 0.00	72.57 5.79 0.00
WALDENNY_12_KV_BK2 80841	47.20 -3.59 0.00	47.87 -4.01 0.00	61.35 -5.73 0.00	63.25 -5.74 0.00	72.00 -6.21 0.00	69.36 -5.47 0.00	51.55 -3.43 0.00	56.70 -4.40 -0.30	54.97 -3.59 0.00	82.58 -6.02 0.00	76.11 -4.54 0.00	52.03 -3.62 2.80	59.64 -3.45 0.00	59.76 -3.73 0.00	54.65 -3.12 0.00	53.04 -1.92 -0.92	76.04 -3.97 0.00	101.02 -5.32 0.00	92.09 -4.35 0.00	84.12 -4.82 0.00	72.92 -4.52 0.00	64.66 -3.53 -0.66	52.34 -2.54 0.00	64.08 -2.70 0.00
WALDEN__HYDRO 24148	52.94 2.15 0.00	53.89 2.00 0.00	69.50 2.42 0.00	71.33 2.34 0.00	80.70 2.48 0.00	77.72 2.89 0.00	66.62 2.69 -8.95	68.79 3.45 -4.54	61.71 3.15 0.00	93.11 4.52 0.00	84.90 4.25 0.00	61.51 3.07 0.00	66.10 3.02 0.00	66.53 3.04 0.00	60.83 3.06 0.00	62.10 3.25 -4.81	84.60 4.60 0.00	113.10 6.76 0.00	102.74 6.30 0.00	94.57 5.63 0.00	82.34 4.89 0.00	75.11 4.11 -3.47	58.20 3.32 0.00	70.59 3.81 0.00
WARRENSBURG____ 23737	54.98 4.19 0.00	56.12 4.23 0.00	72.72 5.64 0.00	74.72 5.73 0.00	84.53 6.32 0.00	81.27 6.44 0.00	164.09 5.52 -103.60	109.78 6.44 -42.54	64.04 5.49 0.00	96.06 7.46 0.00	87.41 6.76 0.00	63.19 4.75 0.00	68.01 4.93 0.00	68.17 4.69 0.00	62.19 4.41 0.00	65.23 4.90 -6.29	87.53 7.53 0.00	117.02 10.69 0.00	106.46 10.02 0.00	98.06 9.13 0.00	85.31 7.86 0.00	78.89 6.82 -4.54	60.40 5.52 0.00	73.26 6.48 0.00
WATERSIDE____6 8 9 23538	51.29 2.46 1.96	52.61 2.22 1.50	69.68 2.60 0.00	71.47 2.48 0.00	80.76 2.55 0.00	77.94 3.11 0.00	66.82 2.92 -8.93	69.28 3.88 -4.60	61.42 3.75 0.89	94.13 5.53 0.00	85.98 5.33 0.00	62.10 4.01 0.35	66.95 4.03 0.16	67.49 4.00 0.00	61.12 4.05 0.70	62.14 4.11 -4.00	85.39 5.39 0.01	113.16 7.70 0.88	85.08 7.08 18.45	81.67 6.28 13.55	75.96 5.42 6.91	75.06 4.61 -2.92	56.56 3.77 2.09	70.82 4.33 0.30
WATKINRD_115KV_LN8_ILLION 55919	51.73 0.94 0.00	52.81 0.92 0.00	68.31 1.23 0.00	70.18 1.20 0.00	79.41 1.19 0.00	76.16 1.33 0.00	56.46 1.49 0.00	62.63 1.84 0.00	59.94 1.39 0.00	90.03 1.43 0.00	82.38 1.73 0.00	59.69 1.25 0.00	64.19 1.11 0.00	64.41 0.92 0.00	58.83 1.06 0.00	55.44 1.40 0.00	82.05 2.04 0.00	109.51 3.18 0.00	99.46 3.02 0.00	91.67 2.74 0.00	79.80 2.35 0.00	69.59 2.07 0.00	56.55 1.67 0.00	68.63 1.85 0.00
WATSON____69_KV_BK 1 55734	54.98 4.19 0.00	55.87 3.98 0.00	71.93 4.85 0.00	73.78 4.80 0.00	83.59 5.38 0.00	95.71 5.85 -15.03	112.36 5.06 -52.33	72.30 6.14 -5.37	63.98 5.42 0.00	95.79 7.19 0.00	87.48 6.83 0.00	63.45 5.01 0.00	68.26 5.18 0.00	68.71 5.23 0.00	63.01 5.24 0.00	64.31 5.31 -4.96	87.84 7.84 0.00	117.73 11.40 0.00	106.93 10.48 0.00	98.32 9.39 0.00	85.50 8.05 0.00	77.99 6.88 -3.58	60.49 5.62 0.00	73.32 6.54 0.00
WDELAWARE__HYD 323627	52.48 1.69 0.00	53.44 1.56 0.00	68.93 1.85 0.00	70.79 1.80 0.00	80.11 1.90 0.00	77.22 2.40 0.00	66.94 2.39 -9.57	68.49 3.07 -4.62	61.33 2.78 0.00	92.37 3.77 0.00	83.95 3.31 0.00	60.89 2.45 0.00	65.31 2.22 0.00	65.69 2.21 0.00	60.00 2.23 0.00	61.09 2.53 -4.53	83.87 3.86 0.00	112.51 6.18 0.00	102.25 5.81 0.00	94.12 5.18 0.00	81.90 4.46 0.00	74.53 3.73 -3.27	57.84 2.97 0.00	70.10 3.32 0.00

WEST BABYLON___IC 23714	54.71 3.92 0.00	55.60 3.72 0.00	71.59 4.51 0.00	73.39 4.40 0.00	83.16 4.94 0.00	95.30 5.44 -15.03	112.05 4.75 -52.33	71.95 5.79 -5.37	63.66 5.11 0.00	95.42 6.82 0.00	87.16 6.52 0.00	63.18 4.74 0.00	67.98 4.90 0.00	68.43 4.95 0.00	62.74 4.97 0.00	64.02 5.02 -4.96	87.37 7.37 0.00	116.98 10.65 0.00	106.23 9.79 0.00	97.72 8.78 0.00	85.02 7.57 0.00	77.59 6.48 -3.58	60.15 5.28 0.00	72.92 6.14 0.00
WEST CANADA___HYD 24049	51.12 0.33 0.00	52.22 0.34 0.00	67.55 0.47 0.00	69.47 0.48 0.00	78.69 0.47 0.00	75.36 0.53 0.00	55.52 0.55 0.00	61.46 0.67 0.00	59.14 0.59 0.00	89.30 0.69 0.00	81.34 0.70 0.00	58.95 0.51 0.00	63.58 0.50 0.00	63.94 0.46 0.00	58.29 0.52 0.00	54.63 0.60 0.00	80.81 0.81 0.00	107.59 1.26 0.00	97.60 1.16 0.00	90.01 1.07 0.00	78.33 0.88 0.00	68.33 0.80 0.00	55.53 0.66 0.00	67.50 0.71 0.00
WESTERN_NY_WIND 24143	48.10 -2.69 0.00	48.86 -3.02 0.00	62.63 -4.45 0.00	64.54 -4.45 0.00	73.59 -4.63 0.00	71.01 -3.82 0.00	52.78 -2.19 0.00	58.05 -3.01 -0.26	56.16 -2.39 0.00	83.91 -4.69 0.00	76.96 -3.69 0.00	52.96 -3.30 2.18	59.81 -3.28 0.00	60.01 -3.48 0.00	54.96 -2.81 0.00	53.20 -1.64 -0.81	77.02 -2.99 0.00	102.60 -3.73 0.00	93.63 -2.81 0.00	85.50 -3.44 0.00	74.13 -3.32 0.00	65.47 -2.64 -0.58	53.02 -1.86 0.00	64.87 -1.91 0.00
WESTOVER___LESR 323668	49.93 -0.87 0.00	50.90 -0.98 0.00	65.64 -1.44 0.00	67.55 -1.43 0.00	76.49 -1.72 0.00	73.38 -1.45 0.00	58.71 -0.52 -4.25	62.43 -0.43 -2.06	58.28 -0.28 0.00	87.60 -1.00 0.00	79.73 -0.91 0.00	56.02 -0.88 1.54	62.31 -0.78 0.00	62.58 -0.91 0.00	57.14 -0.63 0.00	55.43 -0.25 -1.65	79.49 -0.51 0.00	106.31 -0.02 0.00	96.75 0.31 0.00	88.93 0.00 0.00	77.33 -0.12 0.00	68.75 0.03 -1.19	54.90 0.02 0.00	66.71 -0.07 0.00
WETHRSFD_WT_PWR 323626	46.43 -4.36 0.00	46.80 -5.08 0.00	59.95 -7.13 0.00	61.83 -7.16 0.00	70.33 -7.89 0.00	67.70 -7.13 0.00	52.81 -4.54 -2.37	56.78 -5.19 -1.18	53.91 -4.64 0.00	80.19 -8.40 0.00	73.41 -7.23 0.00	49.01 -5.43 3.99	57.68 -5.41 0.00	58.10 -5.38 0.00	53.20 -4.57 0.00	51.98 -3.07 -1.02	75.24 -4.77 0.00	101.15 -5.18 0.00	92.54 -3.90 0.00	84.69 -4.25 0.00	73.49 -3.95 0.00	65.17 -3.10 -0.73	52.54 -2.33 0.00	63.92 -2.86 0.00
WHAVSTOR_138KV_BK127 55557	52.56 1.77 0.00	53.46 1.57 0.00	68.91 1.83 0.00	70.69 1.71 0.00	79.96 1.75 0.00	77.07 2.24 0.00	65.77 2.20 -8.59	68.14 2.90 -4.43	61.21 2.66 0.00	92.60 4.00 0.00	84.51 3.86 0.00	61.22 2.78 0.00	65.85 2.76 0.00	66.28 2.79 0.00	60.65 2.88 0.00	61.89 3.06 -4.80	84.10 4.10 0.00	112.22 5.89 0.00	101.91 5.46 0.00	93.80 4.86 0.00	81.72 4.27 0.00	74.55 3.57 -3.46	57.78 2.90 0.00	70.18 3.40 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.56 1.77 0.00	53.46 1.57 0.00	68.91 1.83 0.00	70.69 1.71 0.00	79.96 1.75 0.00	77.07 2.24 0.00	65.77 2.20 -8.59	68.14 2.90 -4.43	61.21 2.66 0.00	92.60 4.00 0.00	84.51 3.86 0.00	61.22 2.78 0.00	65.85 2.76 0.00	66.28 2.79 0.00	60.65 2.88 0.00	61.89 3.06 -4.80	84.10 4.10 0.00	112.22 5.89 0.00	101.91 5.46 0.00	93.80 4.86 0.00	81.72 4.27 0.00	74.55 3.57 -3.46	57.78 2.90 0.00	70.18 3.40 0.00
WHITEHAL_115KV_TB1 80871	55.58 4.79 0.00	56.81 4.93 0.00	73.95 6.87 0.00	75.98 6.99 0.00	85.74 7.53 0.00	82.46 7.63 0.00	164.51 7.11 -102.42	111.27 8.51 -41.97	64.60 6.05 0.00	96.33 7.73 0.00	87.09 6.44 0.00	63.19 4.75 0.00	68.23 5.14 0.00	68.55 5.07 0.00	62.57 4.80 0.00	65.87 5.56 -6.28	88.54 8.53 0.00	118.88 12.54 0.00	108.76 12.32 0.00	100.24 11.31 0.00	87.34 9.90 0.00	80.40 8.33 -4.53	61.65 6.78 0.00	74.70 7.92 0.00
WHITEPLN_13_KV_LOAD 356215	53.54 2.75 0.00	54.45 2.56 0.00	70.17 3.09 0.00	71.96 2.97 0.00	81.41 3.19 0.00	78.51 3.68 0.00	67.26 3.38 -8.90	69.68 4.29 -4.59	62.62 4.06 0.00	94.58 5.98 0.00	86.34 5.69 0.00	62.58 4.14 0.00	67.29 4.21 0.00	67.70 4.22 0.00	61.99 4.22 0.00	63.30 4.31 -4.95	85.94 5.93 0.00	114.82 8.48 0.00	104.27 7.83 0.00	95.86 6.92 0.00	83.41 5.96 0.00	76.13 5.03 -3.57	58.96 4.08 0.00	71.46 4.68 0.00
WM_FLOYD_69_KV_BK2 356380	54.57 3.78 0.00	55.52 3.63 0.00	71.49 4.41 0.00	73.30 4.32 0.00	83.06 4.85 0.00	95.12 5.27 -15.03	112.05 4.75 -52.33	71.92 5.76 -5.37	63.48 4.93 0.00	94.71 6.11 0.00	86.09 5.45 0.00	62.55 4.11 0.00	67.50 4.42 0.00	67.99 4.50 0.00	62.25 4.48 0.00	63.40 4.41 -4.96	86.51 6.50 0.00	116.22 9.88 0.00	105.21 8.76 0.00	96.73 7.79 0.00	84.17 6.72 0.00	77.03 5.92 -3.58	59.85 4.97 0.00	72.78 6.00 0.00
WOODARD___115KV_TB2 355635	49.09 -1.70 0.00	50.07 -1.81 0.00	64.61 -2.47 0.00	66.51 -2.48 0.00	75.43 -2.78 0.00	72.39 -2.43 0.00	53.59 -1.39 0.00	59.67 -1.32 -0.18	57.41 -1.14 0.00	86.44 -2.16 0.00	78.81 -1.84 0.00	56.92 -1.52 0.00	61.44 -1.65 0.00	61.76 -1.72 0.00	56.35 -1.42 0.00	53.66 -0.93 -0.56	78.57 -1.44 0.00	104.71 -1.62 0.00	95.23 -1.21 0.00	87.60 -1.33 0.00	76.11 -1.33 0.00	66.75 -1.18 -0.40	53.93 -0.95 0.00	65.53 -1.25 0.00
YORK___WARBASSE 23770	63.22 2.81 -9.62	61.83 2.58 -7.37	70.01 2.93 0.00	71.77 2.78 0.00	81.05 2.84 0.00	78.22 3.40 0.00	67.01 3.12 -8.93	69.54 4.13 -4.61	67.01 4.08 -4.38	94.49 5.89 0.00	86.33 5.68 0.00	64.52 4.33 -1.75	68.27 4.37 -0.81	67.80 4.32 0.00	65.59 4.40 -3.42	68.19 4.45 -9.71	85.93 5.87 -0.05	119.08 8.42 -4.32	194.72 7.75 -90.52	162.35 6.90 -66.51	117.37 6.00 -33.92	79.47 5.12 -6.82	69.36 4.20 -10.28	73.05 4.81 -1.46