

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/07/2025

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	53.81	50.62	50.67	49.88	52.49	52.12	68.72	86.25	63.59	50.34	52.17	46.28	51.37	45.99	42.91	43.39	50.72	85.25	92.07	83.50	69.55	50.74	43.26	49.59
24138	1.97	1.56	1.51	1.63	1.92	2.03	3.10	2.99	2.03	2.62	1.75	0.82	0.22	0.09	1.58	2.35	2.55	4.18	5.02	4.30	3.34	2.32	1.92	1.95
	-12.08	-16.07	-15.39	-11.17	-7.98	0.00	0.00	-24.96	-23.41	0.00	-16.68	-28.91	-46.20	-43.96	-12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	54.00	50.79	50.83	50.07	52.70	52.38	69.06	86.53	63.76	50.56	52.32	46.36	51.40	46.01	43.05	43.57	50.91	85.57	92.35	83.81	69.80	50.94	43.40	49.75
24260	2.15	1.73	1.67	1.81	2.13	2.29	3.45	3.26	2.19	2.85	1.90	0.90	0.25	0.10	1.72	2.52	2.74	4.50	5.30	4.61	3.59	2.51	2.07	2.11
	-12.08	-16.08	-15.39	-11.17	-7.98	0.00	0.00	-24.96	-23.41	0.00	-16.68	-28.92	-46.20	-43.96	-12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	54.00	50.79	50.83	50.07	52.70	52.38	69.06	86.53	63.76	50.56	52.32	46.36	51.40	46.01	43.05	43.57	50.91	85.57	92.35	83.81	69.80	50.94	43.40	49.75
24261	2.15	1.73	1.67	1.81	2.13	2.29	3.45	3.26	2.19	2.85	1.90	0.90	0.25	0.10	1.72	2.52	2.74	4.50	5.30	4.61	3.59	2.51	2.07	2.11
	-12.08	-16.08	-15.39	-11.17	-7.98	0.00	0.00	-24.96	-23.41	0.00	-16.68	-28.92	-46.20	-43.96	-12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	58.69	56.23	56.01	54.48	56.72	55.09	72.18	95.32	70.72	51.58	57.43	53.91	62.92	56.86	46.68	44.63	52.80	89.30	96.17	87.08	72.47	52.74	44.72	51.45
24011	3.87	3.22	3.07	3.48	4.19	5.00	6.56	5.92	3.40	3.86	2.91	1.34	0.42	0.15	2.36	3.58	4.64	8.23	9.13	7.88	6.26	4.31	3.38	3.82
	-15.05	-20.02	-19.17	-13.92	-9.94	0.00	0.00	-31.09	-29.16	0.00	-20.78	-36.02	-57.54	-54.76	-15.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	59.17	56.64	56.35	54.84	57.20	55.64	72.87	96.03	71.11	51.91	57.70	54.07	62.99	56.90	46.95	45.01	53.32	90.15	97.05	87.87	73.02	53.24	45.17	51.93
23798	4.35	3.62	3.40	3.84	4.67	5.55	7.25	6.62	3.78	4.19	3.18	1.50	0.47	0.17	2.63	3.96	5.16	9.08	10.01	8.66	6.81	4.81	3.83	4.30
	-15.06	-20.03	-19.18	-13.92	-9.95	0.00	0.00	-31.10	-29.17	0.00	-20.78	-36.03	-57.56	-54.78	-15.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	58.69	56.23	56.01	54.48	56.72	55.09	72.18	95.32	70.72	51.58	57.43	53.91	62.92	56.86	46.68	44.63	52.80	89.30	96.17	87.08	72.47	52.74	44.72	51.45
24028	3.87	3.22	3.07	3.48	4.19	5.00	6.56	5.92	3.40	3.86	2.91	1.34	0.42	0.15	2.36	3.58	4.64	8.23	9.13	7.88	6.26	4.31	3.38	3.82
	-15.05	-20.02	-19.17	-13.92	-9.94	0.00	0.00	-31.09	-29.16	0.00	-20.78	-36.02	-57.54	-54.76	-15.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	56.38	54.19	54.15	52.59	54.39	52.49	68.32	91.05	68.04	49.44	55.18	52.08	61.01	55.18	45.14	43.17	50.60	85.12	91.29	82.81	69.17	50.65	43.24	50.09
23527	2.01	1.76	1.77	2.00	2.15	2.40	2.70	2.57	1.58	1.72	1.27	0.56	0.19	0.07	1.26	2.12	2.43	4.06	4.25	3.61	2.96	2.22	1.90	2.45
	-14.61	-19.44	-18.61	-13.51	-9.65	0.00	0.00	-30.18	-28.31	0.00	-20.17	-34.97	-55.86	-53.16	-14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	55.76	53.61	53.59	51.96	53.77	51.79	67.83	90.45	67.69	49.24	54.94	51.97	60.97	55.17	44.76	42.42	49.81	84.09	90.44	82.12	68.53	50.09	42.74	49.29
24190	1.38	1.18	1.21	1.36	1.53	1.70	2.21	1.96	1.22	1.52	1.02	0.45	0.13	0.05	0.88	1.37	1.65	3.02	3.39	2.92	2.32	1.66	1.40	1.65
	-14.61	-19.44	-18.62	-13.52	-9.65	0.00	0.00	-30.19	-28.32	0.00	-20.17	-34.98	-55.88	-53.17	-14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	39.95	33.03	33.77	37.11	42.64	50.37	65.80	58.56	38.24	47.73	33.72	20.83	10.38	6.76	39.56	47.82	60.79	87.83	96.53	94.90	83.04	51.78	41.65	48.15
355683	0.19	0.05	0.00	0.03	0.06	0.29	0.19	0.26	0.09	0.01	-0.01	0.04	0.03	0.02	0.20	0.24	0.21	0.30	-0.10	0.00	0.15	0.38	0.32	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.24	-5.39	-4.79	-10.18	-6.53	-12.42	-6.46	-9.58	-15.69	-16.68	-2.98	0.00	0.00
ALBANY_1_SOLAR	55.83	53.55	53.56	52.04	54.02	52.29	68.49	90.32	67.26	49.36	54.72	51.44	60.05	54.30	44.41	42.04	49.87	84.72	91.25	82.86	69.14	50.53	43.10	49.70
323833	1.69	1.44	1.48	1.67	1.93	2.20	2.88	2.32	1.25	1.65	1.14	0.49	0.13	0.05	0.77	1.00	1.70	3.66	4.20	3.66	2.93	2.11	1.77	2.06
	-14.37	-19.13	-18.31	-13.29	-9.49	0.00	0.00	-29.69	-27.85	0.00	-19.84	-34.40	-54.96	-52.30	-14.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	55.81	53.53	53.56	52.04	54.00	52.27	68.46	90.30	67.26	49.36	54.70	51.43	60.05	54.30	44.41	42.04	49.86	84.71	91.20	82.83	69.12	50.52	43.09	49.69
323834	1.68	1.42	1.48	1.66	1.92	2.18	2.85	2.30	1.25	1.65	1.12	0.48	0.12	0.05	0.77	1.00	1.69	3.64	4.16	3.63	2.91	2.09	1.76	2.05
	-14.38	-19.13	-18.31	-13.30	-9.50	0.00	0.00	-29.70	-27.85	0.00	-19.84	-34.40	-54.96	-52.30	-14.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	55.76	53.61	53.59	51.96	53.77	51.79	67.83	90.45	67.69	49.24	54.94	51.97	60.97	55.17	44.76	42.42	49.81	84.09	90.44	82.12	68.53	50.09	42.74	49.29
23571	1.38	1.18	1.21	1.36	1.53	1.70	2.21	1.96	1.22	1.52	1.02	0.45	0.13	0.05	0.88	1.37	1.65	3.02	3.39	2.92	2.32	1.66	1.40	1.65
	-14.61	-19.44	-18.62	-13.52	-9.65	0.00	0.00	-30.19	-28.32	0.00	-20.17	-34.98	-55.88	-53.17	-14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	55.76 1.38 -14.61	53.61 1.18 -19.44	53.59 1.21 -18.62	51.96 1.36 -13.52	53.77 1.53 -9.65	51.79 1.70 0.00	67.83 2.21 0.00	90.45 1.96 -30.19	67.69 1.22 -28.32	49.24 1.52 0.00	54.94 1.02 -20.17	51.97 0.45 -34.98	60.97 0.13 -55.88	55.17 0.05 -53.17	44.76 0.88 -14.69	42.42 1.37 0.00	49.81 1.65 0.00	84.09 3.02 0.00	90.44 3.39 0.00	82.12 2.92 0.00	68.53 2.32 0.00	50.09 1.66 0.00	42.74 1.40 0.00	49.29 1.65 0.00
ALBANY___3 23573	55.76 1.38 -14.61	53.61 1.18 -19.44	53.59 1.21 -18.62	51.96 1.36 -13.52	53.77 1.53 -9.65	51.79 1.70 0.00	67.83 2.21 0.00	90.45 1.96 -30.19	67.69 1.22 -28.32	49.24 1.52 0.00	54.94 1.02 -20.17	51.97 0.45 -34.98	60.97 0.13 -55.88	55.17 0.05 -53.17	44.76 0.88 -14.69	42.42 1.37 0.00	49.81 1.65 0.00	84.09 3.02 0.00	90.44 3.39 0.00	82.12 2.92 0.00	68.53 2.32 0.00	50.09 1.66 0.00	42.74 1.40 0.00	49.29 1.65 0.00
ALBANY___4 23574	55.76 1.38 -14.61	53.61 1.18 -19.44	53.59 1.21 -18.62	51.96 1.36 -13.52	53.77 1.53 -9.65	51.79 1.70 0.00	67.83 2.21 0.00	90.45 1.96 -30.19	67.69 1.22 -28.32	49.24 1.52 0.00	54.94 1.02 -20.17	51.97 0.45 -34.98	60.97 0.13 -55.88	55.17 0.05 -53.17	44.76 0.88 -14.69	42.42 1.37 0.00	49.81 1.65 0.00	84.09 3.02 0.00	90.44 3.39 0.00	82.12 2.92 0.00	68.53 2.32 0.00	50.09 1.66 0.00	42.74 1.40 0.00	49.29 1.65 0.00
ALBANY___LFGE 323615	56.55 1.91 -14.88	54.39 1.61 -19.79	54.36 1.65 -18.95	52.68 1.84 -13.76	54.52 2.10 -9.82	52.47 2.38 0.00	68.74 3.12 0.00	91.78 2.74 -30.73	68.69 1.71 -28.83	49.87 2.15 0.00	55.79 1.51 -20.54	52.81 0.66 -35.61	62.04 0.20 -56.88	56.15 0.07 -54.13	45.43 1.29 -14.96	43.01 1.96 0.00	50.25 2.09 0.00	84.62 3.55 0.00	91.00 3.95 0.00	82.60 3.40 0.00	68.93 2.72 0.00	50.36 1.94 0.00	42.95 1.62 0.00	49.54 1.90 0.00
ALCOA_PA_115KV_PL-6C 55860	40.09 0.33 0.00	33.15 0.17 0.00	33.89 0.12 0.00	37.24 0.16 0.00	42.79 0.20 0.00	50.56 0.47 0.00	66.04 0.42 0.00	58.77 0.47 0.00	38.37 0.22 0.00	47.89 0.17 0.00	33.84 0.10 0.00	22.26 0.12 -5.59	12.12 0.05 -7.11	8.30 0.03 -6.32	42.96 0.34 -13.43	50.12 0.45 -8.62	64.99 0.44 -16.39	90.39 0.79 -8.53	100.18 0.49 -12.64	100.43 0.52 -20.71	88.80 0.58 -22.01	53.07 0.71 -3.93	41.97 0.63 0.00	48.49 0.85 0.00
ALCOA_RYNLDS___DRP 24188	40.09 0.33 0.00	33.15 0.17 0.00	33.89 0.12 0.00	37.24 0.16 0.00	42.79 0.20 0.00	50.56 0.47 0.00	66.04 0.42 0.00	58.77 0.47 0.00	38.37 0.22 0.00	47.89 0.17 0.00	33.84 0.10 0.00	22.26 0.12 -5.59	12.12 0.05 -7.11	8.30 0.03 -6.32	42.96 0.34 -13.43	50.12 0.45 -8.62	64.99 0.44 -16.39	90.39 0.79 -8.53	100.18 0.49 -12.64	100.43 0.52 -20.71	88.80 0.58 -22.01	53.07 0.71 -3.93	41.97 0.63 0.00	48.49 0.85 0.00
ALCOA___DSASP 323711	40.09 0.33 0.00	33.15 0.17 0.00	33.89 0.12 0.00	37.24 0.16 0.00	42.79 0.21 0.00	50.56 0.47 0.00	66.04 0.42 0.00	58.77 0.47 0.00	38.37 0.22 0.00	47.88 0.16 0.00	33.84 0.10 0.00	22.26 0.12 -5.59	12.12 0.05 -7.11	8.30 0.03 -6.32	42.96 0.34 -13.43	50.12 0.45 -8.62	64.99 0.44 -16.39	90.38 0.78 -8.53	100.18 0.49 -12.64	100.43 0.52 -20.71	88.80 0.58 -22.01	53.07 0.71 -3.93	41.97 0.63 0.00	48.49 0.85 0.00
ALLEGHENY___COGEN 23514	62.83 -0.40 -23.47	63.89 -0.24 -31.14	66.99 -0.26 -33.48	68.79 -0.20 -31.91	67.89 -0.08 -25.39	50.20 -0.04 -0.15	94.36 0.39 -28.35	110.88 -0.35 -52.93	78.91 -0.31 -41.06	79.34 -1.65 -33.28	61.77 -1.11 -29.14	40.70 -0.58 -24.73	29.37 -0.22 -24.63	24.42 -0.10 -22.57	52.84 -1.59 -25.24	65.98 -1.95 -26.88	75.45 -1.92 -29.20	123.32 -1.36 -43.62	124.29 -0.19 -37.43	131.13 0.11 -51.82	111.14 0.05 -44.87	56.31 -0.18 -8.06	41.35 0.02 0.00	47.22 -0.42 0.00
ALTAMONT_115KV_TB 2 55880	55.47 1.08 -14.63	53.36 0.92 -19.46	53.34 0.95 -18.63	51.67 1.06 -13.53	53.45 1.20 -9.66	51.39 1.30 0.00	67.36 1.75 0.00	90.04 1.52 -30.21	67.45 0.95 -28.34	48.88 1.16 0.00	54.72 0.79 -20.19	51.88 0.33 -35.00	60.98 0.10 -55.92	55.20 0.04 -53.22	44.56 0.67 -14.70	42.08 1.04 0.00	49.42 1.25 0.00	83.43 2.36 0.00	89.74 2.69 0.00	81.53 2.33 0.00	68.06 1.85 0.00	49.75 1.32 0.00	42.46 1.12 0.00	48.94 1.30 0.00
ALTONA_WT_PWR 323606	-20.51 -1.51 58.76	-20.62 -1.37 52.24	-20.62 -1.46 52.92	-20.57 -1.63 56.02	12.96 -1.81 27.82	48.31 -1.78 0.00	16.81 -2.60 46.20	40.45 -1.97 15.88	13.24 -1.67 23.24	-4.10 -2.41 49.41	-9.87 -1.79 41.82	-20.83 -0.74 36.63	-20.95 -0.19 25.72	-20.98 -0.06 22.87	-20.66 -1.14 48.71	8.08 -1.67 31.29	-13.12 -1.81 59.48	47.41 -2.69 30.97	37.77 -3.38 45.90	0.83 -3.21 75.17	-17.84 -2.54 81.51	29.83 -1.57 17.02	40.38 -0.96 0.00	47.60 -0.04 0.00
AMERICAN_REF_FUEL 24010	34.12 -3.05 2.59	26.98 -2.57 3.43	26.97 -2.70 4.10	29.65 -2.76 4.67	35.61 -3.06 3.91	46.69 -3.37 0.03	54.52 -4.80 6.30	46.16 -5.80 6.34	30.73 -3.38 4.04	36.30 -4.02 7.39	28.36 -2.52 2.86	16.12 -1.20 -0.77	9.15 -0.36 -4.54	6.31 -0.15 -4.51	23.88 -2.33 2.98	31.76 -3.31 5.98	37.75 -3.93 6.49	63.80 -7.57 9.70	70.41 -8.31 8.32	60.05 -7.64 11.52	49.60 -6.63 9.98	41.85 -4.79 1.79	37.63 -3.70 0.00	43.21 -4.43 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.34 -1.40 0.03	31.65 -1.31 0.03	31.93 -1.40 0.44	34.60 -1.32 1.16	40.25 -1.22 1.12	48.71 -1.36 0.02	60.49 -1.98 3.15	54.75 -3.00 0.55	36.82 -1.77 -0.44	41.95 -2.06 3.70	32.94 -1.13 -0.32	19.20 -0.76 -3.42	11.85 -0.23 -7.11	8.71 -0.10 -6.86	27.57 -1.40 0.22	36.20 -1.85 2.99	43.37 -1.55 3.25	73.62 -2.59 4.85	80.59 -2.30 4.16	71.14 -2.30 5.76	58.53 -2.69 4.99	45.52 -2.01 0.90	40.07 -1.26 0.00	45.74 -1.90 0.00
ARTHUR KILL_GT_1 23520	62.42 2.26 -20.39	61.29 1.82 -26.48	60.80 1.74 -25.29	60.81 1.90 -21.83	61.80 2.19 -17.02	60.73 2.38 -8.26	72.43 3.41 -3.40	86.43 3.16 -24.96	75.61 2.27 -35.19	64.14 2.78 -13.64	62.18 1.94 -26.51	61.50 0.92 -44.03	61.88 0.25 -56.67	60.68 0.10 -58.64	61.05 1.74 -30.12	61.49 2.53 -17.91	64.50 2.70 -13.64	104.69 4.08 -19.54	93.53 5.10 -1.39	109.91 4.49 -26.22	115.02 3.50 -45.30	97.71 2.60 -46.69	62.79 2.17 -19.29	61.70 2.20 -11.86
ARTHUR_KILL_2 23512	62.30 2.14 -20.39	61.19 1.72 -26.48	60.71 1.65 -25.29	60.71 1.80 -21.83	61.68 2.07 -17.02	60.57 2.22 -8.26	72.22 3.20 -3.40	86.26 2.99 -24.96	75.50 2.15 -35.19	64.02 2.66 -13.64	62.10 1.86 -26.51	61.46 0.88 -44.03	61.87 0.24 -56.67	60.68 0.09 -58.64	60.99 1.68 -30.12	61.40 2.44 -17.91	64.36 2.56 -13.64	104.44 3.83 -19.54	93.23 4.81 -1.39	109.65 4.22 -26.22	114.80 3.29 -45.30	97.55 2.43 -46.69	62.67 2.05 -19.29	61.56 2.06 -11.86
ARTHUR_KILL_3 23513	61.73 1.56 -20.40	60.72 1.24 -26.49	60.26 1.19 -25.30	60.21 1.29 -21.84	61.13 1.51 -17.03	59.89 1.53 -8.27	71.50 2.45 -3.43	85.62 2.35 -24.96	75.01 1.58 -35.27	63.43 2.07 -13.65	61.68 1.33 -26.61	61.34 0.61 -44.18	61.79 0.16 -56.67	60.65 0.07 -58.64	60.55 1.24 -30.13	60.80 1.84 -17.92	63.74 1.93 -13.65	103.80 3.18 -19.55	91.80 3.95 -0.81	82.54 3.33 0.00	111.47 2.55 -42.71	98.43 1.74 -48.26	62.10 1.47 -19.30	60.94 1.43 -11.87

ARTHUR_KILL_COGEN 323718	62.42 2.26 -20.39	61.29 1.82 -26.48	60.80 1.74 -25.29	60.81 1.90 -21.83	61.80 2.19 -17.02	60.73 2.38 -8.26	72.43 3.41 -3.40	86.43 3.16 -24.96	75.61 2.27 -35.19	64.14 2.78 -13.64	62.18 1.94 -26.51	61.50 0.92 -44.03	61.88 0.25 -56.67	60.68 0.10 -58.64	61.05 1.74 -30.12	61.49 2.53 -17.91	64.50 2.70 -13.64	104.69 4.08 -19.54	93.53 5.10 -1.39	109.91 4.49 -26.22	115.02 3.50 -45.30	97.71 2.60 -46.69	62.79 2.17 -19.29	61.70 2.20 -11.86
ASHOKAN____ 23654	55.50 2.33 -13.40	52.67 1.86 -17.84	52.74 1.89 -17.07	51.55 2.08 -12.40	54.10 2.66 -8.85	53.41 3.32 0.00	70.35 4.73 0.00	90.06 4.07 -27.69	66.34 2.21 -25.97	50.98 3.27 0.00	54.08 1.84 -18.51	49.44 0.81 -32.08	56.43 0.22 -51.25	50.80 0.08 -48.77	44.19 1.53 -13.47	43.41 2.37 0.00	51.27 3.11 0.00	87.26 6.19 0.00	94.47 7.42 0.00	85.78 6.57 0.00	71.48 5.28 0.00	52.10 3.67 0.00	44.36 3.03 0.00	50.93 3.29 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.68 1.83 -12.08	50.54 1.48 -16.08	50.58 1.42 -15.39	49.80 1.54 -11.17	52.33 1.76 -7.98	51.93 1.85 0.00	68.46 2.85 0.00	85.97 2.71 -24.96	63.38 1.81 -23.42	50.03 2.32 0.00	51.97 1.54 -16.68	46.18 0.71 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.67 1.33 -12.15	43.02 1.97 0.00	50.28 2.12 0.00	84.58 3.51 0.00	91.35 4.30 0.00	83.08 3.88 0.00	69.19 2.98 0.00	50.57 2.15 0.00	43.08 1.74 0.00	49.34 1.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	53.68 1.83 -12.08	50.54 1.48 -16.08	50.58 1.42 -15.39	49.80 1.54 -11.17	52.33 1.76 -7.98	51.93 1.85 0.00	68.46 2.85 0.00	85.97 2.71 -24.96	63.38 1.81 -23.42	50.03 2.32 0.00	51.97 1.54 -16.68	46.18 0.71 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.67 1.33 -12.15	43.02 1.97 0.00	50.28 2.12 0.00	84.57 3.50 0.00	91.35 4.30 0.00	83.08 3.88 0.00	69.19 2.98 0.00	50.57 2.15 0.00	43.08 1.74 0.00	49.34 1.70 0.00
ASTORIA_GT2_1 24094	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT2_2 24095	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT2_3 24096	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT2_4 24097	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT3_1 24098	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT3_2 24099	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT3_3 24100	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT3_4 24101	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT4_1 24102	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT4_2 24103	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT4_3 24104	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00

ASTORIA_GT4_4 24105	53.71 1.86 -12.08	50.56 1.49 -16.08	50.59 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.88 0.00	68.51 2.90 0.00	85.99 2.73 -24.96	63.39 1.82 -23.42	50.08 2.37 0.00	51.99 1.57 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.73 1.39 -12.15	43.08 2.03 0.00	50.32 2.15 0.00	84.62 3.56 0.00	91.41 4.36 0.00	83.11 3.91 0.00	69.23 3.02 0.00	50.59 2.16 0.00	43.10 1.77 0.00	49.37 1.73 0.00
ASTORIA_GT_1 23523	53.76 1.92 -12.08	50.61 1.55 -16.08	50.65 1.49 -15.39	49.87 1.62 -11.17	52.42 1.85 -7.98	52.04 1.95 0.00	68.60 2.99 0.00	86.09 2.83 -24.96	63.47 1.90 -23.42	50.16 2.44 0.00	52.05 1.63 -16.68	46.22 0.75 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.97	42.74 1.40 -12.15	43.12 2.07 0.00	50.40 2.23 0.00	84.77 3.70 0.00	91.56 4.51 0.00	83.26 4.05 0.00	69.34 3.14 0.00	50.69 2.26 0.00	43.17 1.83 0.00	49.45 1.81 0.00
ASTORIA_GT_10 24110	53.85 2.00 -12.08	50.66 1.60 -16.08	50.70 1.54 -15.39	49.93 1.68 -11.17	52.52 1.95 -7.98	52.16 2.07 0.00	68.80 3.18 0.00	86.30 3.04 -24.96	63.63 2.05 -23.42	50.34 2.62 0.00	52.18 1.76 -16.68	46.30 0.83 -28.92	51.49 0.22 -46.31	46.29 0.09 -44.25	43.55 1.62 -12.74	43.97 2.38 -0.55	51.01 2.50 -0.34	85.10 4.03 0.00	91.84 4.80 0.00	83.38 4.18 0.00	69.46 3.24 0.00	50.70 2.27 0.00	43.20 1.86 0.00	49.49 1.85 0.00
ASTORIA_GT_11 24225	53.85 2.00 -12.08	50.66 1.60 -16.08	50.70 1.54 -15.39	49.93 1.68 -11.17	52.52 1.95 -7.98	52.16 2.07 0.00	68.80 3.18 0.00	86.30 3.04 -24.96	63.63 2.05 -23.42	50.34 2.62 0.00	52.18 1.76 -16.68	46.30 0.83 -28.92	51.49 0.22 -46.31	46.29 0.09 -44.25	43.55 1.62 -12.74	43.97 2.38 -0.55	51.01 2.50 -0.34	85.10 4.03 0.00	91.84 4.80 0.00	83.38 4.18 0.00	69.46 3.24 0.00	50.70 2.27 0.00	43.20 1.86 0.00	49.49 1.85 0.00
ASTORIA_GT_12 24226	53.85 2.00 -12.08	50.66 1.60 -16.08	50.70 1.54 -15.39	49.93 1.68 -11.17	52.52 1.95 -7.98	52.16 2.07 0.00	68.80 3.18 0.00	86.30 3.04 -24.96	63.63 2.05 -23.42	50.34 2.62 0.00	52.18 1.76 -16.68	46.30 0.83 -28.92	51.49 0.22 -46.31	46.29 0.09 -44.25	43.55 1.62 -12.74	43.97 2.38 -0.55	51.01 2.50 -0.34	85.10 4.03 0.00	91.84 4.80 0.00	83.38 4.18 0.00	69.46 3.24 0.00	50.70 2.27 0.00	43.20 1.86 0.00	49.49 1.85 0.00
ASTORIA_GT_13 24227	53.85 2.00 -12.08	50.66 1.60 -16.08	50.70 1.54 -15.39	49.93 1.68 -11.17	52.52 1.95 -7.98	52.16 2.07 0.00	68.80 3.18 0.00	86.30 3.04 -24.96	63.63 2.05 -23.42	50.34 2.62 0.00	52.18 1.76 -16.68	46.30 0.83 -28.92	51.49 0.22 -46.31	46.29 0.09 -44.25	43.55 1.62 -12.74	43.97 2.38 -0.55	51.01 2.50 -0.34	85.10 4.03 0.00	91.84 4.80 0.00	83.38 4.18 0.00	69.46 3.24 0.00	50.70 2.27 0.00	43.20 1.86 0.00	49.49 1.85 0.00
ASTORIA_GT_5 24106	53.77 1.92 -12.08	50.61 1.55 -16.08	50.65 1.49 -15.39	49.87 1.62 -11.17	52.42 1.85 -7.98	52.04 1.95 0.00	68.61 3.00 0.00	86.10 2.83 -24.96	63.47 1.90 -23.42	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.75 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.97	42.78 1.45 -12.15	43.16 2.11 0.00	50.41 2.25 0.00	84.78 3.71 0.00	91.59 4.54 0.00	83.27 4.07 0.00	69.36 3.15 0.00	50.68 2.25 0.00	43.17 1.83 0.00	49.44 1.81 0.00
ASTORIA_GT_7 24107	53.77 1.92 -12.08	50.61 1.55 -16.08	50.65 1.49 -15.39	49.87 1.62 -11.17	52.42 1.85 -7.98	52.04 1.95 0.00	68.61 3.00 0.00	86.10 2.83 -24.96	63.47 1.90 -23.42	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.75 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.97	42.78 1.45 -12.15	43.16 2.11 0.00	50.41 2.25 0.00	84.78 3.71 0.00	91.59 4.54 0.00	83.27 4.07 0.00	69.36 3.15 0.00	50.68 2.25 0.00	43.17 1.83 0.00	49.44 1.81 0.00
ASTORIA_GT_8 24108	53.77 1.92 -12.08	50.61 1.55 -16.08	50.65 1.49 -15.39	49.87 1.62 -11.17	52.42 1.85 -7.98	52.04 1.95 0.00	68.61 3.00 0.00	86.10 2.83 -24.96	63.47 1.90 -23.42	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.75 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.97	42.78 1.45 -12.15	43.16 2.11 0.00	50.41 2.25 0.00	84.78 3.71 0.00	91.59 4.54 0.00	83.27 4.07 0.00	69.36 3.15 0.00	50.68 2.25 0.00	43.17 1.83 0.00	49.44 1.81 0.00
ASTORIA___2 24149	53.70 1.85 -12.08	50.56 1.50 -16.08	50.60 1.44 -15.39	49.82 1.56 -11.17	52.36 1.79 -7.98	51.97 1.89 0.00	68.51 2.90 0.00	85.98 2.72 -24.96	63.40 1.83 -23.42	50.06 2.35 0.00	51.99 1.56 -16.68	46.19 0.72 -28.92	51.35 0.19 -46.20	45.99 0.07 -43.97	42.68 1.34 -12.15	43.04 1.99 0.00	50.30 2.14 0.00	84.61 3.54 0.00	91.40 4.35 0.00	83.10 3.90 0.00	69.22 3.01 0.00	50.59 2.17 0.00	43.10 1.76 0.00	49.37 1.73 0.00
ASTORIA___3 23516	53.84 1.99 -12.08	50.66 1.60 -16.08	50.70 1.55 -15.39	49.93 1.68 -11.17	52.52 1.95 -7.98	52.17 2.08 0.00	68.80 3.18 0.00	86.29 3.02 -24.96	63.62 2.05 -23.42	50.31 2.60 0.00	52.17 1.75 -16.68	46.30 0.83 -28.92	51.49 0.22 -46.31	46.29 0.09 -44.25	43.53 1.60 -12.74	43.95 2.36 -0.55	51.00 2.50 -0.34	85.09 4.02 0.00	91.84 4.79 0.00	83.38 4.17 0.00	69.44 3.23 0.00	50.70 2.27 0.00	43.19 1.85 0.00	49.49 1.85 0.00
ASTORIA___4 23517	53.85 2.00 -12.08	50.66 1.60 -16.08	50.70 1.54 -15.39	49.93 1.68 -11.17	52.52 1.95 -7.98	52.16 2.07 0.00	68.80 3.18 0.00	86.30 3.04 -24.96	63.63 2.05 -23.42	50.34 2.62 0.00	52.18 1.76 -16.68	46.30 0.83 -28.92	51.49 0.22 -46.31	46.29 0.09 -44.25	43.55 1.62 -12.74	43.97 2.38 -0.55	51.01 2.50 -0.34	85.10 4.03 0.00	91.84 4.80 0.00	83.38 4.18 0.00	69.46 3.24 0.00	50.70 2.27 0.00	43.20 1.86 0.00	49.49 1.85 0.00
ASTORIA___5 23518	53.84 1.99 -12.08	50.66 1.60 -16.08	50.70 1.55 -15.39	49.93 1.68 -11.17	52.52 1.95 -7.98	52.17 2.08 0.00	68.80 3.18 0.00	86.29 3.02 -24.96	63.62 2.05 -23.42	50.31 2.60 0.00	52.17 1.75 -16.68	46.30 0.83 -28.92	51.49 0.22 -46.31	46.29 0.09 -44.25	43.53 1.60 -12.74	43.95 2.36 -0.55	51.00 2.50 -0.34	85.09 4.02 0.00	91.84 4.79 0.00	83.38 4.17 0.00	69.44 3.23 0.00	50.70 2.27 0.00	43.19 1.85 0.00	49.49 1.85 0.00
AST_ENERGY_2_CC3 323677	53.72 1.87 -12.08	50.55 1.49 -16.08	50.60 1.44 -15.39	49.82 1.56 -11.17	52.38 1.81 -7.98	51.93 1.84 0.00	68.43 2.81 0.00	85.99 2.72 -24.96	63.40 1.84 -23.41	50.11 2.39 0.00	52.00 1.57 -16.68	46.19 0.73 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.78 1.45 -12.15	43.17 2.12 0.00	50.43 2.27 0.00	84.82 3.76 0.00	91.64 4.60 0.00	83.17 3.97 0.00	69.28 3.07 0.00	50.57 2.15 0.00	43.10 1.76 0.00	49.42 1.78 0.00
AST_ENERGY_2_CC4 323678	53.72 1.87 -12.08	50.55 1.49 -16.08	50.60 1.44 -15.39	49.82 1.56 -11.17	52.38 1.81 -7.98	51.93 1.84 0.00	68.43 2.81 0.00	85.99 2.72 -24.96	63.40 1.84 -23.41	50.11 2.39 0.00	52.00 1.57 -16.68	46.19 0.73 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.78 1.45 -12.15	43.17 2.12 0.00	50.43 2.27 0.00	84.82 3.76 0.00	91.64 4.60 0.00	83.17 3.97 0.00	69.28 3.07 0.00	50.57 2.15 0.00	43.10 1.76 0.00	49.42 1.78 0.00

ATHENS_STG_1 23668	53.94 1.01 -13.16	51.35 0.85 -17.51	51.41 0.88 -16.77	50.22 0.96 -12.17	52.38 1.10 -8.69	51.22 1.12 0.00	67.20 1.58 0.00	86.92 1.43 -27.19	64.59 0.93 -25.51	48.90 1.18 0.00	52.67 0.76 -18.17	48.41 0.36 -31.50	55.39 0.10 -50.33	49.88 0.04 -47.89	43.14 0.72 -13.23	42.13 1.08 0.00	49.41 1.25 0.00	83.21 2.14 0.00	89.58 2.53 0.00	81.39 2.19 0.00	67.93 1.72 0.00	49.63 1.21 0.00	42.35 1.01 0.00	48.76 1.12 0.00
ATHENS_STG_2 23670	53.94 1.01 -13.16	51.35 0.85 -17.51	51.41 0.88 -16.77	50.22 0.96 -12.17	52.38 1.10 -8.69	51.22 1.12 0.00	67.20 1.58 0.00	86.92 1.43 -27.19	64.59 0.93 -25.51	48.90 1.18 0.00	52.67 0.76 -18.17	48.41 0.36 -31.50	55.39 0.10 -50.33	49.88 0.04 -47.89	43.14 0.72 -13.23	42.13 1.08 0.00	49.41 1.25 0.00	83.21 2.14 0.00	89.58 2.53 0.00	81.39 2.19 0.00	67.93 1.72 0.00	49.63 1.21 0.00	42.35 1.01 0.00	48.76 1.12 0.00
ATHENS_STG_3 23677	53.94 1.01 -13.16	51.35 0.85 -17.51	51.41 0.88 -16.77	50.22 0.96 -12.17	52.38 1.10 -8.69	51.22 1.12 0.00	67.20 1.58 0.00	86.92 1.43 -27.19	64.59 0.93 -25.51	48.90 1.18 0.00	52.67 0.76 -18.17	48.41 0.36 -31.50	55.39 0.10 -50.33	49.88 0.04 -47.89	43.14 0.72 -13.23	42.13 1.08 0.00	49.41 1.25 0.00	83.21 2.14 0.00	89.58 2.53 0.00	81.39 2.19 0.00	67.93 1.72 0.00	49.63 1.21 0.00	42.35 1.01 0.00	48.76 1.12 0.00
AUBURN___LFGE 323710	41.25 -0.29 -1.78	35.24 -0.11 -2.37	35.87 -0.16 -2.27	38.61 -0.11 -1.65	43.71 -0.06 -1.18	50.00 -0.09 0.00	65.42 -0.20 0.00	61.82 -0.16 -3.68	41.55 -0.05 -3.45	47.61 -0.10 0.00	36.19 -0.01 -2.45	20.66 -0.13 -4.24	11.69 -0.05 -6.78	8.37 -0.03 -6.45	30.53 -0.43 -1.78	40.44 -0.60 0.00	47.55 -0.61 0.00	80.27 -0.80 0.00	86.80 -0.24 0.00	79.06 -0.15 0.00	66.01 -0.20 0.00	48.14 -0.28 0.00	41.12 -0.22 0.00	47.22 -0.42 0.00
BABYLON_RES_REC 323704	57.05 2.31 -14.98	52.61 1.79 -17.83	50.89 1.73 -15.39	50.04 1.79 -11.17	52.69 2.12 -7.98	52.33 2.24 0.00	68.40 2.79 0.00	86.21 2.96 -24.95	63.56 2.00 -23.41	50.40 2.68 0.00	52.16 1.74 -16.68	46.31 0.85 -28.91	51.36 0.21 -46.19	45.99 0.08 -43.95	42.88 1.55 -12.14	43.59 2.54 0.00	50.86 2.69 0.00	85.48 4.41 0.00	91.99 4.95 0.00	83.51 4.30 0.00	69.61 3.40 0.00	51.06 2.63 0.00	43.57 2.23 0.00	50.00 2.36 0.00
BABYLON__69_KV_BK2 356345	57.18 2.71 -14.71	52.76 2.11 -17.66	51.20 2.05 -15.39	50.39 2.13 -11.17	53.11 2.54 -7.98	52.73 2.64 0.00	68.79 3.17 0.00	86.68 3.42 -24.95	63.88 2.32 -23.41	50.83 3.12 0.00	52.48 2.06 -16.68	46.46 1.00 -28.91	51.41 0.26 -46.19	46.00 0.10 -43.95	43.15 1.82 -12.14	44.00 2.95 0.00	51.34 3.17 0.00	86.28 5.21 0.00	92.69 5.64 0.00	84.23 5.02 0.00	70.24 4.04 0.00	51.54 3.11 0.00	43.98 2.64 0.00	50.44 2.80 0.00
BALL_HILL_WT_PWR 323825	37.03 -1.52 1.22	30.05 -1.32 1.61	30.22 -1.40 2.15	32.92 -1.36 2.80	38.81 -1.35 2.43	48.55 -1.51 0.03	58.78 -2.18 4.66	51.82 -3.23 3.25	34.63 -1.88 1.64	40.13 -2.12 5.47	31.41 -1.18 1.15	18.15 -0.63 -2.23	10.78 -0.19 -6.01	7.73 -0.08 -5.86	26.44 -1.24 1.50	34.97 -1.66 4.42	41.70 -1.66 4.80	70.41 -3.49 7.17	77.43 -3.46 6.15	67.44 -3.25 8.52	55.65 -3.18 7.38	44.66 -2.44 1.33	39.64 -1.70 0.00	45.38 -2.26 0.00
BARON_WINDS___WT_PWR 323822	-8.86 -2.56 46.07	-30.12 -2.00 61.11	-35.24 -1.99 67.01	-31.36 -2.18 66.27	-13.07 -2.32 53.34	46.84 -2.90 0.35	-3.66 -3.60 65.68	-50.80 -3.62 105.48	-43.33 -2.43 79.06	-32.46 -3.06 77.11	-24.42 -2.09 56.07	-22.01 -1.11 37.45	-20.75 -0.34 25.37	-20.35 -0.15 22.14	-23.08 -2.11 50.16	-24.17 -2.94 62.28	-22.58 -3.07 67.68	-24.93 -4.92 101.08	-4.01 -4.31 86.74	-44.84 -3.97 120.07	-41.05 -3.28 103.99	27.25 -2.51 18.67	39.57 -1.76 0.00	45.20 -2.44 0.00
BARRETT_IC_1 23704	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_10 23701	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_11 23702	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_12 23703	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_2 23705	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_3 23706	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_4 23707	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00

BARRETT_IC_5 23708	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_6 23709	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_7 23710	91.77 2.17 -49.84	73.57 1.65 -38.94	50.65 1.49 -15.39	49.82 1.57 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.05 2.43 0.00	85.73 2.47 -24.95	63.29 1.73 -23.41	50.09 2.38 0.00	52.02 1.60 -16.68	46.23 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.81 1.48 -12.14	43.39 2.35 0.00	50.55 2.39 0.00	84.76 3.69 0.00	91.18 4.13 0.00	82.90 3.69 0.00	69.20 2.99 0.00	50.72 2.29 0.00	43.26 1.92 0.00	49.71 2.07 0.00
BARRETT_IC_8 23711	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT_IC_9 23700	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT___1 23545	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BARRETT___2 23546	91.77 2.16 -49.84	73.57 1.64 -38.94	50.65 1.50 -15.39	49.82 1.56 -11.17	52.44 1.87 -7.98	51.99 1.90 0.00	68.04 2.42 0.00	85.72 2.46 -24.95	63.29 1.73 -23.41	50.08 2.36 0.00	52.02 1.60 -16.68	46.24 0.78 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.80 1.47 -12.14	43.37 2.32 0.00	50.53 2.37 0.00	84.75 3.68 0.00	91.17 4.13 0.00	82.88 3.68 0.00	69.19 2.98 0.00	50.72 2.29 0.00	43.25 1.91 0.00	49.71 2.07 0.00
BATAVIA__115KV_TB1 55881	36.97 -1.01 1.78	29.70 -0.93 2.35	29.85 -1.02 2.90	32.74 -0.90 3.44	38.78 -0.90 2.92	49.31 -0.75 0.03	59.56 -1.06 5.01	51.66 -2.19 4.45	34.29 -1.21 2.66	40.11 -1.73 5.88	30.84 -1.02 1.88	17.33 -0.50 -1.29	9.50 -0.15 -4.69	6.50 -0.06 -4.61	26.74 -0.37 2.08	34.45 -1.85 4.75	41.07 -1.93 5.16	70.42 -2.95 7.71	77.51 -2.93 6.61	67.39 -2.66 9.15	55.68 -2.60 7.93	45.04 -1.96 1.42	39.87 -1.46 0.00	45.70 -1.94 0.00
BAYONEEC___CTG1 323682	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BAYONEEC___CTG10 323750	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BAYONEEC___CTG2 323683	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BAYONEEC___CTG3 323684	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BAYONEEC___CTG4 323685	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BAYONEEC___CTG5 323686	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BAYONEEC___CTG6 323687	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00

BAYONEEC___CTG7 323688	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BAYONEEC___CTG8 323689	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BAYONEEC___CTG9 323749	53.64 1.79 -12.08	50.48 1.42 -16.08	50.53 1.37 -15.39	49.75 1.49 -11.17	52.30 1.74 -7.98	51.88 1.79 0.00	68.39 2.78 0.00	85.92 2.66 -24.96	63.36 1.79 -23.41	50.03 2.32 0.00	51.95 1.53 -16.68	46.17 0.71 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.73 1.40 -12.15	43.11 2.06 0.00	50.38 2.22 0.00	84.69 3.62 0.00	91.45 4.41 0.00	83.00 3.79 0.00	69.14 2.93 0.00	50.46 2.03 0.00	43.01 1.68 0.00	49.32 1.68 0.00
BEACON___LESR 323632	56.19 1.84 -14.59	53.89 1.49 -19.41	53.91 1.56 -18.58	52.31 1.73 -13.49	54.28 2.06 -9.64	52.36 2.27 0.00	68.78 3.16 0.00	91.14 2.69 -30.14	68.06 1.63 -28.27	49.85 2.13 0.00	55.33 1.45 -20.14	52.08 0.61 -34.92	60.94 0.19 -55.79	55.11 0.07 -53.09	45.03 1.18 -14.67	42.85 1.80 0.00	50.44 2.28 0.00	85.24 4.17 0.00	91.74 4.70 0.00	83.32 4.12 0.00	69.46 3.25 0.00	50.72 2.29 0.00	43.19 1.85 0.00	49.79 2.15 0.00
BEAVER RIVER___HYD 24048	41.13 0.68 -0.68	34.34 0.44 -0.91	34.94 0.30 -0.87	38.00 0.29 -0.63	43.64 0.60 -0.45	50.67 0.58 0.00	66.76 1.14 0.00	60.81 1.09 -1.41	40.02 0.54 -1.33	47.69 -0.02 0.00	33.94 -0.69 -0.90	22.20 -0.32 -5.97	12.87 -0.13 -8.04	9.18 -0.06 -7.29	39.66 -0.96 -11.44	46.84 -1.14 -6.93	59.95 -1.39 -13.18	86.81 -1.12 -6.86	96.22 -1.00 -10.17	94.82 -1.03 -16.65	83.17 -0.74 -17.70	51.00 -0.59 -3.16	40.79 -0.55 0.00	46.77 -0.87 0.00
BEEBEE_GT_13 23619	40.26 -1.25 -1.74	34.27 -1.03 -2.32	34.89 -1.10 -2.22	37.59 -1.11 -1.61	42.53 -1.20 -1.15	48.77 -1.32 0.00	63.95 -1.67 0.00	59.55 -2.35 -3.60	40.21 -1.32 -3.37	46.19 -1.52 0.00	35.25 -0.90 -2.40	20.28 -0.42 -4.16	11.46 -0.14 -6.64	8.20 -0.07 -6.32	29.68 -1.26 -1.75	39.53 -1.52 0.00	46.57 -1.59 0.00	78.10 -2.96 0.00	83.84 -3.21 0.00	76.26 -2.95 0.00	63.51 -2.70 0.00	46.33 -2.10 0.00	39.66 -1.67 0.00	45.55 -2.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	62.70 2.54 -20.39	61.50 2.03 -26.48	61.05 1.99 -25.29	61.08 2.17 -21.83	62.13 2.53 -17.02	61.10 2.75 -8.26	73.05 4.03 -3.40	87.02 3.76 -24.96	75.92 2.58 -35.19	64.61 3.25 -13.64	62.52 2.27 -26.51	61.65 1.07 -44.03	61.93 0.30 -56.67	60.70 0.12 -58.64	61.33 2.02 -30.12	61.91 2.95 -17.91	65.01 3.21 -13.64	105.72 5.11 -19.54	94.43 6.00 -1.39	110.70 5.28 -26.22	115.67 4.16 -45.30	98.07 2.96 -46.69	63.07 2.45 -19.29	61.99 2.48 -11.86
BETHLEHEM___GRP 23843	55.76 1.38 -14.61	53.61 1.18 -19.44	53.59 1.21 -18.62	51.96 1.36 -13.52	53.77 1.53 -9.65	51.79 1.70 0.00	67.83 2.21 0.00	90.45 1.96 -30.19	67.69 1.22 -28.32	49.24 1.52 0.00	54.94 1.02 -20.17	51.97 0.45 -34.98	60.97 0.13 -55.88	55.17 0.05 -53.17	44.76 0.88 -14.69	42.42 1.37 0.00	49.81 1.65 0.00	84.09 3.02 0.00	90.44 3.39 0.00	82.12 2.92 0.00	68.53 2.32 0.00	50.09 1.66 0.00	42.74 1.40 0.00	49.29 1.65 0.00
BETHLEHEM___GS1 323560	55.77 1.39 -14.61	53.61 1.18 -19.44	53.59 1.21 -18.62	51.96 1.36 -13.52	53.77 1.53 -9.65	51.79 1.70 0.00	67.82 2.20 0.00	90.45 1.95 -30.19	67.69 1.22 -28.32	49.23 1.52 0.00	54.94 1.02 -20.17	51.97 0.45 -34.98	60.97 0.13 -55.88	55.17 0.05 -53.17	44.76 0.88 -14.69	42.41 1.36 0.00	49.81 1.64 0.00	84.08 3.02 0.00	90.42 3.38 0.00	82.12 2.92 0.00	68.53 2.32 0.00	50.09 1.66 0.00	42.74 1.40 0.00	49.29 1.65 0.00
BETHLEHEM___GS2 323561	55.77 1.39 -14.61	53.61 1.18 -19.44	53.59 1.21 -18.62	51.96 1.36 -13.52	53.77 1.53 -9.65	51.79 1.70 0.00	67.82 2.20 0.00	90.45 1.95 -30.19	67.69 1.22 -28.32	49.23 1.52 0.00	54.94 1.02 -20.17	51.97 0.45 -34.98	60.97 0.13 -55.88	55.17 0.05 -53.17	44.76 0.88 -14.69	42.41 1.36 0.00	49.81 1.64 0.00	84.08 3.02 0.00	90.42 3.38 0.00	82.12 2.92 0.00	68.53 2.32 0.00	50.09 1.66 0.00	42.74 1.40 0.00	49.29 1.65 0.00
BETHLEHEM___GS3 323562	55.77 1.39 -14.61	53.61 1.18 -19.44	53.59 1.21 -18.62	51.96 1.36 -13.52	53.77 1.53 -9.65	51.79 1.70 0.00	67.82 2.20 0.00	90.45 1.95 -30.19	67.69 1.22 -28.32	49.23 1.52 0.00	54.94 1.02 -20.17	51.97 0.45 -34.98	60.97 0.13 -55.88	55.17 0.05 -53.17	44.76 0.88 -14.69	42.41 1.36 0.00	49.81 1.64 0.00	84.08 3.02 0.00	90.42 3.38 0.00	82.12 2.92 0.00	68.53 2.32 0.00	50.09 1.66 0.00	42.74 1.40 0.00	49.29 1.65 0.00
BETHLEHEM___STEEL 23779	36.79 -1.53 1.45	29.74 -1.33 1.92	29.88 -1.41 2.48	32.60 -1.36 3.12	38.54 -1.37 2.68	48.61 -1.45 0.03	58.53 -2.16 4.93	51.19 -3.34 3.77	34.23 -1.88 2.05	39.81 -2.13 5.78	31.17 -1.13 1.44	17.98 -0.55 -1.98	10.54 -0.17 -5.75	7.49 -0.07 -5.62	26.18 -1.25 1.75	34.70 -1.67 4.68	41.28 -1.81 5.08	69.53 -3.96 7.59	76.38 -4.16 6.51	66.35 -3.84 9.01	54.83 -3.57 7.80	44.39 -2.64 1.40	39.41 -1.92 0.00	45.20 -2.44 0.00
BETHLHEM_115KV_TB1 79974	55.45 1.12 -14.57	53.32 0.96 -19.38	53.30 0.98 -18.55	51.66 1.11 -13.47	53.46 1.25 -9.62	51.44 1.35 0.00	67.43 1.82 0.00	89.96 1.57 -30.09	67.38 1.01 -28.22	48.94 1.23 0.00	54.69 0.85 -20.11	51.77 0.37 -34.86	60.76 0.10 -55.69	54.98 0.04 -52.99	44.56 0.73 -14.64	42.14 1.09 0.00	49.66 1.50 0.00	83.94 2.87 0.00	90.26 3.22 0.00	81.97 2.77 0.00	68.42 2.21 0.00	50.00 1.57 0.00	42.68 1.34 0.00	49.19 1.56 0.00
BETHPAGE_CC_5 323564	57.92 2.21 -15.94	53.12 1.72 -18.41	50.80 1.65 -15.39	49.97 1.72 -11.17	52.62 2.05 -7.98	52.22 2.13 0.00	68.34 2.72 0.00	86.11 2.85 -24.95	63.53 1.96 -23.41	50.40 2.68 0.00	52.18 1.76 -16.68	46.32 0.86 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.92 1.58 -12.14	43.60 2.55 0.00	50.84 2.68 0.00	85.23 4.16 0.00	91.73 4.69 0.00	83.31 4.11 0.00	69.42 3.21 0.00	50.89 2.45 0.00	43.42 2.08 0.00	49.92 2.28 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.18 -1.41 1.17	30.22 -1.22 1.54	30.40 -1.30 2.07	33.10 -1.25 2.73	39.00 -1.22 2.37	48.80 -1.27 0.02	59.10 -1.94 4.58	52.06 -3.12 3.13	34.85 -1.76 1.55	40.37 -1.97 5.38	31.63 -1.02 1.09	18.32 -0.50 -2.28	10.84 -0.15 -6.04	7.76 -0.07 -5.88	26.59 -1.15 1.45	35.17 -1.53 4.35	41.80 -1.64 4.72	70.37 -3.64 7.05	77.26 -3.73 6.05	67.36 -3.47 8.38	55.68 -3.27 7.26	44.72 -2.41 1.30	39.61 -1.73 0.00	45.41 -2.23 0.00

BINGHAMTON___COGEN 23790	43.54 -0.23 -4.01	38.17 -0.15 -5.34	38.79 -0.09 -5.11	40.69 -0.10 -3.71	45.19 -0.05 -2.65	49.89 -0.20 0.00	65.54 -0.07 0.00	66.30 -0.29 -8.29	45.76 -0.17 -7.77	47.62 -0.09 0.00	39.29 0.02 -5.54	26.08 -0.06 -9.59	20.27 -0.02 -15.33	16.51 -0.02 -14.59	33.01 -0.21 -4.03	40.74 -0.31 0.00	48.00 -0.16 0.00	80.70 -0.37 0.00	87.00 -0.04 0.00	79.15 -0.05 0.00	66.04 -0.17 0.00	48.17 -0.25 0.00	41.19 -0.15 0.00	47.28 -0.36 0.00
BIXINCNT_115KV_LOAD 355685	38.34 -1.91 -0.49	32.16 -1.48 -0.66	32.46 -1.61 -0.31	35.03 -1.60 0.45	40.69 -1.34 0.55	48.58 -1.49 0.01	60.72 -2.39 2.51	55.24 -3.69 -0.63	37.09 -2.41 -1.35	41.84 -2.92 2.95	33.00 -1.71 -0.97	19.64 -0.87 -3.96	12.33 -0.27 -7.64	9.18 -0.11 -7.35	28.00 -1.53 -0.34	36.62 -2.05 2.38	43.47 -2.11 2.59	73.52 -3.68 3.87	80.90 -2.83 3.32	72.07 -2.53 4.60	59.70 -2.53 3.98	45.93 -1.78 0.72	39.98 -1.36 0.00	45.95 -1.69 0.00
BLACK RIVER___HYD 24047	41.12 0.47 -0.88	34.45 0.29 -1.18	35.09 0.20 -1.13	38.03 0.13 -0.82	43.58 0.41 -0.58	50.65 0.56 0.00	66.90 1.29 0.00	61.18 1.05 -1.83	40.51 0.64 -1.71	47.56 -0.15 0.00	34.23 -0.70 -1.19	21.43 -0.29 -5.19	12.03 -0.15 -7.22	8.50 -0.07 -6.62	36.14 -1.45 -8.40	43.76 -2.10 -4.81	55.35 -1.96 -9.15	84.87 -0.96 -4.76	93.60 -0.51 -7.06	90.16 -0.60 -11.56	78.02 -0.48 -12.28	50.05 -0.57 -2.20	40.75 -0.59 0.00	46.63 -1.01 0.00
BLACKRVR_115KV_TB2 79977	41.12 0.47 -0.88	34.45 0.29 -1.18	35.09 0.20 -1.13	38.03 0.13 -0.82	43.59 0.42 -0.58	50.65 0.56 0.00	66.90 1.29 0.00	61.18 1.05 -1.83	40.51 0.64 -1.71	47.55 -0.16 0.00	34.23 -0.70 -1.19	21.43 -0.29 -5.19	12.03 -0.15 -7.22	8.50 -0.07 -6.62	36.14 -1.45 -8.40	43.76 -2.10 -4.81	55.34 -1.97 -9.15	84.87 -0.96 -4.76	93.60 -0.51 -7.06	90.16 -0.60 -11.56	78.02 -0.48 -12.28	50.05 -0.57 -2.20	40.75 -0.59 0.00	46.63 -1.01 0.00
BLISS_WT_PWR 323608	37.97 -2.29 -0.49	31.91 -1.74 -0.66	32.19 -1.88 -0.31	34.72 -1.92 0.45	40.40 -1.64 0.55	48.22 -1.86 0.01	60.22 -2.89 2.51	54.73 -4.20 -0.63	36.70 -2.81 -1.35	41.37 -3.39 2.95	32.65 -2.06 -0.97	19.45 -1.05 -3.96	12.27 -0.33 -7.64	9.16 -0.13 -7.35	27.77 -1.76 -0.34	36.28 -2.39 2.38	43.09 -2.48 2.59	73.09 -4.12 3.87	80.66 -3.07 3.32	71.87 -2.74 4.60	59.52 -2.71 3.98	45.81 -1.90 0.72	39.82 -1.52 0.00	45.78 -1.86 0.00
BLUESTONE___WT_PWR 323821	42.60 -1.47 -4.31	37.58 -1.13 -5.73	38.12 -1.13 -5.48	39.83 -1.23 -3.98	44.20 -1.23 -2.84	48.58 -1.51 0.00	64.22 -1.40 0.00	66.10 -1.09 -8.89	45.92 -0.57 -8.34	46.89 -0.83 0.00	38.88 -0.80 -5.94	26.37 -0.47 -10.30	21.25 -0.16 -16.45	17.52 -0.08 -15.65	32.14 -1.37 -4.32	39.05 -2.00 0.00	46.63 -1.54 0.00	79.09 -1.98 0.00	86.65 -0.40 0.00	80.20 1.00 0.00	67.77 1.56 0.00	49.72 1.30 0.00	42.22 0.88 0.00	48.03 0.39 0.00
BLUE_CIRC_CHEM_DRP 24182	55.54 1.37 -14.41	53.33 1.17 -19.17	53.34 1.22 -18.36	51.77 1.36 -13.33	53.67 1.56 -9.52	51.84 1.75 0.00	67.86 2.25 0.00	89.94 1.87 -29.77	67.16 1.08 -27.92	49.11 1.40 0.00	54.59 0.96 -19.89	51.45 0.42 -34.49	60.17 0.11 -55.10	54.42 0.04 -52.43	44.41 0.73 -14.49	42.07 1.03 0.00	49.65 1.48 0.00	84.04 2.97 0.00	90.40 3.35 0.00	82.11 2.91 0.00	68.53 2.32 0.00	50.09 1.67 0.00	42.75 1.41 0.00	49.30 1.66 0.00
BOC_GAS_DRP 24189	55.28 0.95 -14.57	53.18 0.81 -19.38	53.16 0.85 -18.55	51.49 0.94 -13.47	53.27 1.06 -9.62	51.20 1.11 0.00	67.10 1.49 0.00	89.71 1.32 -30.09	67.21 0.83 -28.22	48.77 1.05 0.00	54.54 0.69 -20.11	51.71 0.31 -34.86	60.74 0.09 -55.69	54.97 0.03 -52.99	44.46 0.63 -14.64	42.00 0.95 0.00	49.31 1.15 0.00	83.14 2.07 0.00	89.43 2.39 0.00	81.25 2.05 0.00	67.83 1.62 0.00	49.58 1.14 0.00	42.32 0.98 0.00	48.77 1.13 0.00
BOONVILLE_115KV_TB1 79983	41.07 0.76 -0.54	34.30 0.59 -0.72	35.00 0.54 -0.69	38.19 0.60 -0.50	43.77 0.82 -0.36	51.05 0.96 0.00	67.21 1.59 0.00	60.84 1.42 -1.12	40.12 0.92 -1.05	48.55 0.84 0.00	34.77 0.30 -0.73	19.17 0.16 -2.45	8.50 0.03 -3.51	5.20 0.01 -3.25	32.77 0.15 -3.44	43.29 0.38 -1.86	52.11 0.40 -3.54	84.11 1.19 -1.84	91.22 1.45 -2.73	84.88 1.21 -4.47	71.97 1.00 -4.76	49.90 0.62 -0.85	41.80 0.46 0.00	47.99 0.35 0.00
BORALEX_4TH_BRANCH 23824	56.38 2.01 -14.61	54.19 1.76 -19.44	54.15 1.77 -18.61	52.59 2.00 -13.51	54.38 2.14 -9.65	52.49 2.40 0.00	68.32 2.70 0.00	91.06 2.58 -30.18	68.04 1.58 -28.31	49.44 1.72 0.00	55.18 1.27 -20.17	52.08 0.56 -34.97	61.01 0.19 -55.86	55.18 0.08 -53.16	45.14 1.26 -14.69	43.18 2.14 0.00	50.60 2.44 0.00	85.13 4.06 0.00	91.29 4.25 0.00	82.81 3.61 0.00	69.17 2.96 0.00	50.65 2.22 0.00	43.24 1.90 0.00	50.09 2.45 0.00
BOWLINE___1 23526	52.65 1.31 -11.58	49.44 1.05 -15.40	49.55 1.04 -14.74	48.90 1.11 -10.70	51.55 1.32 -7.64	51.47 1.38 0.00	67.76 2.14 0.00	84.20 1.99 -23.91	61.86 1.28 -22.43	49.31 1.60 0.00	50.72 1.00 -15.98	44.72 0.47 -27.70	49.34 0.13 -44.25	44.11 0.05 -42.11	41.79 0.97 -11.63	42.51 1.46 0.00	49.81 1.65 0.00	83.88 2.81 0.00	90.50 3.46 0.00	82.13 2.92 0.00	68.47 2.26 0.00	49.93 1.50 0.00	42.59 1.25 0.00	48.91 1.27 0.00
BOWLINE___2 23595	52.65 1.31 -11.58	49.44 1.05 -15.40	49.55 1.04 -14.74	48.90 1.11 -10.71	51.56 1.32 -7.64	51.47 1.38 0.00	67.76 2.14 0.00	84.20 1.99 -23.91	61.87 1.28 -22.43	49.31 1.60 0.00	50.72 1.00 -15.98	44.72 0.47 -27.70	49.34 0.13 -44.26	44.11 0.05 -42.11	41.79 0.97 -11.64	42.51 1.46 0.00	49.81 1.65 0.00	83.88 2.81 0.00	90.51 3.46 0.00	82.14 2.94 0.00	68.47 2.26 0.00	49.93 1.50 0.00	42.59 1.25 0.00	48.91 1.27 0.00
BRADY___115KV_TB2 356060	47.57 5.41 -2.40	39.61 4.28 -2.34	40.28 4.18 -2.34	43.93 4.57 -2.27	49.32 5.51 -1.22	56.03 5.94 0.00	75.15 8.02 -1.51	66.47 6.66 -1.51	42.37 2.53 -1.69	51.19 1.87 -1.61	35.12 0.43 -0.95	24.70 0.15 -8.00	15.18 0.05 -10.17	11.03 0.03 -9.04	48.83 0.42 -19.22	54.03 0.64 -12.34	72.19 0.57 -23.45	94.63 1.35 -12.21	106.65 1.51 -18.09	110.28 1.44 -29.64	99.03 1.33 -31.49	55.35 1.30 -5.63	42.47 1.13 0.00	49.02 1.38 0.00
BRANSCOMB___SOLAR 323811	57.40 2.63 -15.01	55.16 2.21 -19.97	55.04 2.16 -19.12	53.39 2.43 -13.88	55.36 2.86 -9.91	53.45 3.36 0.00	70.00 4.39 0.00	93.17 3.86 -31.00	69.38 2.14 -29.08	50.17 2.46 0.00	56.33 1.87 -20.72	53.29 0.82 -35.92	62.60 0.26 -57.38	56.65 0.09 -54.61	45.80 1.53 -15.09	43.45 2.40 0.00	51.27 3.11 0.00	86.69 5.62 0.00	93.33 6.28 0.00	84.60 5.40 0.00	70.53 4.32 0.00	51.39 2.96 0.00	43.66 2.32 0.00	50.32 2.68 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	56.01 2.54 -13.71	52.02 1.97 -17.06	51.07 1.92 -15.39	50.24 1.99 -11.17	52.93 2.36 -7.98	52.41 2.32 0.00	67.98 2.36 0.00	86.25 2.99 -24.95	63.63 2.07 -23.41	50.61 2.89 0.00	52.34 1.93 -16.68	46.40 0.94 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.07 1.74 -12.14	43.86 2.81 0.00	51.11 2.95 0.00	85.82 4.75 0.00	91.71 4.66 0.00	83.56 4.36 0.00	69.86 3.65 0.00	51.29 2.86 0.00	43.78 2.44 0.00	50.22 2.58 0.00

BRISTLHL_115KV_TB1 79998	40.64 -0.42 -1.29	34.46 -0.25 -1.72	35.21 -0.21 -1.65	37.99 -0.29 -1.20	43.11 -0.34 -0.85	49.69 -0.40 0.00	65.41 -0.20 0.00	60.67 -0.30 -2.67	40.51 -0.15 -2.51	47.58 -0.13 0.00	35.45 -0.06 -1.78	19.46 -0.15 -3.06	9.79 -0.06 -4.89	6.57 -0.03 -4.65	29.65 -0.82 -1.29	39.60 -1.44 0.00	46.60 -1.57 0.00	78.65 -2.42 0.00	84.45 -2.59 0.00	76.82 -2.39 0.00	64.13 -2.08 0.00	46.79 -1.64 0.00	39.95 -1.38 0.00	45.95 -1.70 0.00
BROOKHAVEN___DRP 24191	55.30 2.09 -13.46	51.47 1.58 -16.90	50.67 1.51 -15.39	49.81 1.56 -11.17	52.49 1.92 -7.98	51.91 1.82 0.00	67.53 1.91 0.00	85.71 2.45 -24.95	63.38 1.82 -23.41	50.31 2.60 0.00	52.03 1.61 -16.68	46.24 0.78 -28.91	51.34 0.19 -46.19	45.97 0.07 -43.95	42.70 1.37 -12.14	43.38 2.33 0.00	50.34 2.18 0.00	84.69 3.62 0.00	91.13 4.08 0.00	82.37 3.17 0.00	68.65 2.44 0.00	50.58 2.16 0.00	43.25 1.91 0.00	49.64 2.00 0.00
BROOKLYN_NAVY_YARD 23515	53.67 1.83 -12.08	50.51 1.45 -16.08	50.57 1.42 -15.39	49.79 1.54 -11.17	52.33 1.75 -7.98	51.93 1.84 0.00	68.45 2.84 0.00	86.00 2.74 -24.96	63.39 1.83 -23.41	50.07 2.35 0.00	51.97 1.54 -16.68	46.18 0.72 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.76 1.43 -12.15	43.14 2.09 0.00	50.40 2.23 0.00	84.75 3.69 0.00	91.49 4.44 0.00	83.02 3.82 0.00	69.16 2.95 0.00	50.49 2.06 0.00	43.05 1.71 0.00	49.31 1.67 0.00
BROOKLYN___ARMY_DRP 323595	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
BROOKVLE_69_KV_TB1 55790	60.71 2.38 -18.57	54.86 1.87 -20.00	50.95 1.80 -15.39	50.14 1.89 -11.17	52.83 2.27 -7.98	52.49 2.40 0.00	68.86 3.25 0.00	86.50 3.24 -24.95	63.77 2.21 -23.41	50.63 2.92 0.00	52.39 1.98 -16.68	46.42 0.96 -28.91	51.40 0.25 -46.19	46.00 0.10 -43.95	43.11 1.77 -12.14	43.82 2.77 0.00	51.15 2.98 0.00	85.90 4.83 0.00	92.48 5.44 0.00	83.98 4.77 0.00	69.98 3.77 0.00	51.24 2.81 0.00	43.68 2.34 0.00	50.14 2.50 0.00
BROOME_2_LFGE 323671	43.54 -0.23 -4.01	38.17 -0.15 -5.34	38.79 -0.09 -5.11	40.69 -0.10 -3.71	45.20 -0.03 -2.65	49.88 -0.20 0.00	65.55 -0.07 0.00	66.30 -0.29 -8.29	45.76 -0.17 -7.77	47.62 -0.09 0.00	39.29 0.01 -5.54	26.08 -0.06 -9.59	20.27 -0.02 -15.33	16.51 -0.02 -14.59	33.01 -0.21 -4.03	40.74 -0.31 0.00	48.01 -0.15 0.00	80.71 -0.36 0.00	87.01 -0.03 0.00	79.16 -0.05 0.00	66.04 -0.16 0.00	48.18 -0.25 0.00	41.19 -0.15 0.00	47.27 -0.37 0.00
BROOME___LFGE 323600	43.54 -0.23 -4.01	38.17 -0.15 -5.34	38.79 -0.09 -5.11	40.69 -0.10 -3.71	45.20 -0.03 -2.65	49.88 -0.20 0.00	65.55 -0.07 0.00	66.30 -0.29 -8.29	45.76 -0.17 -7.77	47.62 -0.09 0.00	39.29 0.01 -5.54	26.08 -0.06 -9.59	20.27 -0.02 -15.33	16.51 -0.02 -14.59	33.01 -0.21 -4.03	40.74 -0.31 0.00	48.01 -0.15 0.00	80.71 -0.36 0.00	87.01 -0.03 0.00	79.16 -0.05 0.00	66.04 -0.16 0.00	48.18 -0.25 0.00	41.19 -0.15 0.00	47.27 -0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	43.59 1.93 -1.90	36.36 1.43 -1.94	36.91 1.21 -1.92	40.18 1.31 -1.79	45.32 1.73 -1.01	51.72 1.63 0.00	68.94 2.30 -1.03	61.88 2.01 -1.56	40.57 0.76 -1.65	48.95 0.13 -1.10	34.42 -0.55 -1.23	25.79 -0.28 -9.52	17.26 -0.11 -12.41	13.04 -0.04 -11.13	49.25 -0.75 -20.82	53.18 -0.94 -13.08	71.85 -1.18 -24.86	92.89 -1.12 -12.94	105.04 -1.19 -19.18	109.49 -1.13 -31.42	98.79 -0.81 -33.38	53.98 -0.41 -5.96	41.04 -0.30 0.00	47.22 -0.42 0.00
BROWNSV1_27_KV_LOAD 356125	54.10 2.26 -12.08	50.86 1.80 -16.08	50.90 1.75 -15.39	50.15 1.90 -11.17	52.80 2.23 -7.98	52.46 2.37 0.00	69.24 3.62 0.00	86.68 3.42 -24.96	63.85 2.29 -23.41	50.67 2.95 0.00	52.39 1.97 -16.68	46.39 0.93 -28.92	51.41 0.25 -46.20	46.01 0.10 -43.96	43.11 1.77 -12.15	43.65 2.60 0.00	51.00 2.84 0.00	85.74 4.67 0.00	92.58 5.54 0.00	84.04 4.84 0.00	69.99 3.77 0.00	51.08 2.65 0.00	43.52 2.18 0.00	49.88 2.24 0.00
BURROWS___LYONSDAL 23803	40.93 0.59 -0.57	34.18 0.43 -0.76	34.86 0.37 -0.73	38.00 0.39 -0.53	43.60 0.63 -0.38	50.79 0.70 0.00	66.89 1.27 0.00	60.67 1.18 -1.18	40.00 0.74 -1.11	48.27 0.56 0.00	34.49 -0.01 -0.77	19.70 0.01 -3.15	9.34 -0.02 -4.40	5.98 -0.01 -4.04	34.06 -0.13 -5.01	43.94 0.04 -2.86	53.54 -0.06 -5.43	84.36 0.46 -2.83	91.89 0.65 -4.19	86.54 0.47 -6.87	73.96 0.45 -7.30	49.97 0.24 -1.30	41.47 0.13 0.00	47.59 -0.05 0.00
CAITHNESS_CC_1 323624	55.29 2.07 -13.45	51.46 1.58 -16.90	50.67 1.51 -15.39	49.80 1.55 -11.17	52.47 1.90 -7.98	51.91 1.82 0.00	67.56 1.94 0.00	85.66 2.40 -24.95	63.35 1.79 -23.41	50.25 2.54 0.00	52.00 1.59 -16.68	46.23 0.77 -28.91	51.34 0.19 -46.19	45.97 0.07 -43.95	42.70 1.37 -12.14	43.36 2.31 0.00	50.37 2.21 0.00	84.70 3.63 0.00	91.13 4.08 0.00	82.43 3.23 0.00	68.71 2.50 0.00	50.60 2.17 0.00	43.25 1.92 0.00	49.64 2.00 0.00
CALPINE BETH_PAGE_GT4 24209	58.89 2.12 -17.01	53.69 1.65 -19.06	50.73 1.58 -15.39	49.89 1.64 -11.17	52.51 1.94 -7.98	52.12 2.02 0.00	68.22 2.60 0.00	85.98 2.72 -24.95	63.46 1.90 -23.41	50.34 2.63 0.00	52.13 1.71 -16.68	46.30 0.84 -28.91	51.36 0.21 -46.19	45.99 0.08 -43.95	42.89 1.56 -12.14	43.55 2.50 0.00	50.76 2.60 0.00	84.91 3.84 0.00	91.40 4.35 0.00	83.03 3.82 0.00	69.18 2.97 0.00	50.70 2.27 0.00	43.27 1.93 0.00	49.83 2.19 0.00
CALPINE_BETH_PAGE_GT_4 323586	58.88 2.11 -17.01	53.70 1.66 -19.06	50.73 1.58 -15.39	49.90 1.64 -11.17	52.51 1.94 -7.98	52.12 2.03 0.00	68.21 2.59 0.00	85.98 2.72 -24.95	63.45 1.89 -23.41	50.32 2.61 0.00	52.13 1.71 -16.68	46.30 0.84 -28.91	51.36 0.21 -46.19	45.99 0.08 -43.95	42.88 1.55 -12.14	43.53 2.48 0.00	50.74 2.58 0.00	84.91 3.84 0.00	91.39 4.34 0.00	83.01 3.80 0.00	69.17 2.96 0.00	50.70 2.27 0.00	43.26 1.93 0.00	49.82 2.18 0.00
CALPINE_BP_GT1 23823	58.88 2.11 -17.01	53.70 1.66 -19.06	50.73 1.58 -15.39	49.90 1.64 -11.17	52.51 1.94 -7.98	52.12 2.03 0.00	68.21 2.59 0.00	85.98 2.72 -24.95	63.45 1.89 -23.41	50.32 2.61 0.00	52.13 1.71 -16.68	46.30 0.84 -28.91	51.36 0.21 -46.19	45.99 0.08 -43.95	42.88 1.55 -12.14	43.53 2.48 0.00	50.74 2.58 0.00	84.91 3.84 0.00	91.39 4.34 0.00	83.01 3.80 0.00	69.17 2.96 0.00	50.70 2.27 0.00	43.26 1.93 0.00	49.82 2.18 0.00
CALSPAN___DRP 24200	36.79 -1.53 1.45	29.74 -1.33 1.92	29.88 -1.41 2.48	32.60 -1.36 3.12	38.54 -1.37 2.68	48.61 -1.45 0.03	58.53 -2.16 4.93	51.19 -3.34 3.77	34.23 -1.88 2.05	39.81 -2.13 5.78	31.17 -1.13 1.44	17.98 -0.55 -1.98	10.54 -0.17 -5.75	7.49 -0.07 -5.62	26.18 -1.25 1.75	34.70 -1.67 4.68	41.28 -1.81 5.08	69.53 -3.96 7.59	76.38 -4.16 6.51	66.35 -3.84 9.01	54.83 -3.57 7.80	44.39 -2.64 1.40	39.41 -1.92 0.00	45.20 -2.44 0.00

CALVERTON___SOLAR 323806	55.31 2.09 -13.46	51.48 1.59 -16.91	50.67 1.51 -15.39	49.81 1.56 -11.17	52.52 1.95 -7.98	51.95 1.86 0.00	67.55 1.94 0.00	85.76 2.50 -24.95	63.41 1.84 -23.41	50.31 2.60 0.00	52.02 1.60 -16.68	46.23 0.78 -28.91	51.34 0.19 -46.19	45.97 0.06 -43.95	42.67 1.33 -12.14	43.35 2.30 0.00	50.28 2.12 0.00	84.65 3.58 0.00	91.14 4.10 0.00	82.30 3.10 0.00	68.58 2.37 0.00	50.57 2.15 0.00	43.23 1.90 0.00	49.67 2.03 0.00
CANDIGU_WT_PWR 323617	-8.86 -2.56 46.07	-30.12 -2.00 61.11	-35.24 -1.99 67.01	-31.36 -2.18 66.27	-13.07 -2.32 53.34	46.84 -2.90 0.35	-3.66 -3.60 65.68	-50.80 -3.62 105.48	-43.33 -2.43 79.06	-32.46 -3.06 77.11	-24.42 -2.09 56.07	-22.01 -1.11 37.45	-20.75 -0.34 25.37	-20.35 -0.15 22.14	-23.08 -2.11 50.16	-24.17 -2.94 62.28	-22.58 -3.07 67.68	-24.93 -4.92 101.08	-4.01 -4.31 86.74	-44.84 -3.97 120.07	-41.05 -3.28 103.99	27.25 -2.51 18.67	39.57 -1.76 0.00	45.20 -2.44 0.00
CARR STREET_E_SYR 24060	40.21 -0.92 -1.36	34.13 -0.66 -1.81	34.86 -0.64 -1.74	37.60 -0.74 -1.26	42.63 -0.86 -0.90	49.03 -1.05 0.00	64.43 -1.19 0.00	59.90 -1.22 -2.82	40.08 -0.72 -2.64	46.94 -0.78 0.00	35.19 -0.43 -1.88	19.52 -0.27 -3.24	10.05 -0.09 -5.18	6.83 -0.04 -4.93	29.92 -0.63 -1.36	40.06 -0.99 0.00	47.10 -1.07 0.00	79.33 -1.73 0.00	85.28 -1.76 0.00	77.59 -1.62 0.00	64.74 -1.47 0.00	47.23 -1.19 0.00	40.34 -1.00 0.00	46.38 -1.26 0.00
CARTHAGE___PAPER 23857	41.45 0.88 -0.81	34.67 0.62 -1.07	35.29 0.50 -1.03	38.32 0.49 -0.75	43.95 0.83 -0.53	51.05 0.96 0.00	67.37 1.75 0.00	61.50 1.53 -1.67	40.58 0.87 -1.56	47.96 0.24 0.00	34.30 -0.52 -1.08	21.84 -0.19 -5.49	12.39 -0.11 -7.54	8.78 -0.05 -6.88	37.72 -1.04 -9.57	45.32 -1.37 -5.63	57.53 -1.34 -10.70	86.31 -0.34 -5.58	95.29 -0.01 -8.26	92.58 -0.15 -13.53	80.55 -0.03 -14.38	50.84 -0.16 -2.57	41.12 -0.22 0.00	47.11 -0.53 0.00
CASSADAGA_WT_PWR 323784	39.25 -0.76 -0.24	32.53 -0.77 -0.32	32.85 -0.86 0.05	35.57 -0.73 0.79	41.21 -0.56 0.82	49.49 -0.58 0.02	61.91 -0.90 2.81	56.36 -2.00 -0.06	37.93 -1.13 -0.90	43.18 -1.23 3.30	33.83 -0.57 -0.65	19.61 -0.62 -3.68	12.13 -0.19 -7.36	8.95 -0.09 -7.09	28.07 -1.19 -0.07	36.88 -1.50 2.67	44.20 -1.07 2.90	75.06 -1.68 4.33	82.08 -1.26 3.72	72.59 -1.47 5.14	59.82 -1.93 4.45	46.23 -1.40 0.80	40.56 -0.78 0.00	46.33 -1.31 0.00
CE_DUNWOOD___DRP 24194	53.47 1.65 -12.06	50.35 1.32 -16.04	50.41 1.28 -15.36	49.62 1.39 -11.15	52.18 1.63 -7.96	51.81 1.72 0.00	68.21 2.60 0.00	85.67 2.46 -24.91	63.15 1.63 -23.37	49.80 2.09 0.00	51.75 1.36 -16.65	46.04 0.64 -28.86	51.24 0.17 -46.11	45.89 0.07 -43.87	42.57 1.27 -12.12	42.96 1.91 0.00	50.27 2.11 0.00	84.61 3.54 0.00	91.26 4.21 0.00	82.83 3.63 0.00	69.02 2.82 0.00	50.39 1.96 0.00	42.95 1.62 0.00	49.32 1.67 0.00
CE_MILLWOOD___DRP 24193	53.38 1.58 -12.04	50.26 1.26 -16.01	50.33 1.23 -15.33	49.54 1.33 -11.13	52.10 1.56 -7.95	51.73 1.64 0.00	68.12 2.51 0.00	85.53 2.36 -24.86	63.03 1.55 -23.32	49.70 1.98 0.00	51.64 1.28 -16.62	45.95 0.60 -28.81	51.15 0.16 -46.02	45.81 0.06 -43.79	42.48 1.19 -12.10	42.86 1.82 0.00	50.18 2.01 0.00	84.49 3.43 0.00	91.12 4.07 0.00	82.70 3.50 0.00	68.93 2.72 0.00	50.30 1.88 0.00	42.89 1.55 0.00	49.25 1.61 0.00
CE_NYC2_DRP 24202	53.88 2.03 -12.08	50.68 1.62 -16.08	50.73 1.57 -15.39	49.96 1.70 -11.17	52.55 1.99 -7.98	52.19 2.11 0.00	68.86 3.24 0.00	86.34 3.08 -24.96	63.65 2.08 -23.42	50.38 2.67 0.00	52.22 1.80 -16.68	46.31 0.84 -28.92	51.50 0.23 -46.31	46.29 0.09 -44.25	43.56 1.64 -12.74	44.00 2.41 -0.55	51.07 2.56 -0.34	85.19 4.12 0.00	91.94 4.89 0.00	83.46 4.26 0.00	69.51 3.30 0.00	50.74 2.32 0.00	43.23 1.90 0.00	49.54 1.90 0.00
CE_NYC_DRP 24195	53.73 1.88 -12.08	50.56 1.50 -16.07	50.61 1.46 -15.39	49.83 1.58 -11.17	52.41 1.84 -7.98	51.99 1.90 0.00	68.55 2.93 0.00	86.06 2.79 -24.96	63.45 1.88 -23.41	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.81 1.48 -12.15	43.24 2.20 0.00	50.52 2.35 0.00	84.92 3.85 0.00	91.68 4.64 0.00	83.19 3.99 0.00	69.30 3.10 0.00	50.58 2.15 0.00	43.10 1.76 0.00	49.42 1.78 0.00
CHAFFEE___LFGE 323603	38.15 -1.15 0.47	31.37 -1.00 0.61	31.64 -1.06 1.06	34.32 -1.00 1.76	40.01 -0.98 1.60	49.08 -0.99 0.02	60.44 -1.48 3.70	54.08 -2.68 1.54	36.35 -1.48 0.32	41.80 -1.57 4.34	32.73 -0.80 0.22	19.13 -0.40 -2.98	11.54 -0.13 -6.71	8.38 -0.06 -6.49	27.54 -0.95 0.69	36.31 -1.23 3.51	43.08 -1.27 3.81	72.28 -3.10 5.70	78.88 -3.28 4.89	69.39 -3.05 6.77	57.40 -2.94 5.86	45.15 -2.22 1.05	39.80 -1.54 0.00	45.61 -2.03 0.00
CHATEAUG_35_KV_LOAD 355732	44.02 -0.48 -4.73	36.65 -0.55 -4.21	37.40 -0.63 -4.26	40.94 -0.65 -4.51	44.13 -0.70 -2.24	49.53 -0.56 0.00	68.42 -0.92 -3.72	58.94 -0.64 -1.28	39.30 -0.73 -1.87	50.57 -1.12 -3.98	36.17 -0.92 -3.35	-6.53 -0.39 22.68	-25.62 -0.10 30.49	-25.19 -0.03 27.11	-29.06 -0.53 57.72	3.19 -0.78 37.08	-23.20 -0.88 70.49	43.16 -1.21 36.70	30.94 -1.72 54.39	-11.32 -1.45 89.08	-29.54 -1.21 94.53	31.17 -0.56 16.69	40.97 -0.36 0.00	47.76 0.12 0.00
CHATEAUG_WT_PWR 323614	-10.86 -0.81 49.80	-12.09 -0.80 44.28	-11.97 -0.88 44.85	-11.34 -0.94 47.48	17.99 -1.02 23.58	49.14 -0.95 0.00	25.00 -1.47 39.15	43.77 -1.08 13.45	17.52 -0.93 19.70	4.48 -1.36 41.88	-2.76 -1.05 35.45	-17.05 -0.45 33.14	-19.62 -0.12 24.46	-19.84 -0.03 21.75	-17.77 -0.64 46.32	10.35 -0.93 29.76	-9.47 -1.07 56.56	49.97 -1.65 29.45	41.28 -2.12 43.65	5.85 -1.87 71.49	-12.67 -1.53 77.35	31.74 -0.78 15.91	40.83 -0.50 0.00	47.61 -0.03 0.00
CHAT_HIGH_FALL_HYD 323578	44.02 -0.48 -4.73	36.65 -0.55 -4.21	37.40 -0.63 -4.26	40.94 -0.65 -4.51	44.13 -0.70 -2.24	49.53 -0.56 0.00	68.42 -0.92 -3.72	58.94 -0.64 -1.28	39.30 -0.73 -1.87	50.57 -1.12 -3.98	36.17 -0.92 -3.35	-6.53 -0.39 22.68	-25.62 -0.10 30.49	-25.19 -0.03 27.11	-29.06 -0.53 57.72	3.19 -0.78 37.08	-23.20 -0.88 70.49	43.16 -1.21 36.70	30.94 -1.72 54.39	-11.32 -1.45 89.08	-29.54 -1.21 94.53	31.17 -0.56 16.69	40.97 -0.36 0.00	47.76 0.12 0.00
CHAUTAUQUA___LFGE 323629	37.92 -1.21 0.63	31.06 -1.10 0.83	31.30 -1.16 1.31	34.00 -1.08 2.00	39.82 -0.98 1.79	48.94 -1.13 0.02	60.10 -1.59 3.92	53.71 -2.67 1.92	35.97 -1.57 0.62	41.31 -1.80 4.60	32.36 -0.96 0.43	18.78 -0.59 -2.82	11.35 -0.17 -6.56	8.24 -0.07 -6.36	27.18 -1.14 0.87	35.84 -1.49 3.72	42.85 -1.28 4.04	72.48 -2.55 6.04	79.56 -2.31 5.18	69.77 -2.26 7.17	57.52 -2.48 6.21	45.38 -1.94 1.12	40.08 -1.25 0.00	45.83 -1.81 0.00
CHERRYST_13_KV_LD 356241	53.84 2.00 -12.08	50.65 1.59 -16.07	50.70 1.54 -15.39	49.93 1.68 -11.17	52.53 1.96 -7.98	52.15 2.06 0.00	68.76 3.14 0.00	86.26 3.00 -24.96	63.59 2.02 -23.41	50.35 2.64 0.00	52.17 1.76 -16.68	46.28 0.82 -28.92	51.38 0.22 -46.20	46.00 0.09 -43.96	42.92 1.59 -12.15	43.40 2.35 0.00	50.69 2.52 0.00	85.24 4.17 0.00	91.98 4.93 0.00	83.43 4.22 0.00	69.50 3.29 0.00	50.72 2.29 0.00	43.21 1.88 0.00	49.55 1.91 0.00

CHESTROR_138KV_BK263 355645	52.05 1.20 -11.09	48.72 0.97 -14.76	48.85 0.96 -14.13	48.38 1.04 -10.26	51.14 1.22 -7.33	51.39 1.30 0.00	67.62 2.00 0.00	83.03 1.81 -22.91	60.78 1.13 -21.49	49.10 1.39 0.00	49.94 0.88 -15.31	43.51 0.42 -26.54	47.48 0.11 -42.41	42.35 0.05 -40.35	41.15 0.81 -11.15	42.31 1.26 0.00	49.63 1.47 0.00	83.67 2.60 0.00	90.23 3.19 0.00	81.93 2.72 0.00	68.31 2.10 0.00	49.84 1.41 0.00	42.51 1.17 0.00	48.83 1.19 0.00
CH_MIDHUDSON___DRP 24192	53.59 1.62 -12.21	50.54 1.31 -16.24	50.61 1.29 -15.55	49.78 1.41 -11.29	52.29 1.64 -8.06	51.88 1.79 0.00	68.27 2.65 0.00	85.99 2.47 -25.22	63.37 1.56 -23.66	49.67 1.96 0.00	51.87 1.28 -16.85	46.36 0.60 -29.22	51.80 0.16 -46.68	46.43 0.06 -44.42	42.59 1.13 -12.27	42.80 1.76 0.00	50.22 2.06 0.00	84.64 3.57 0.00	91.29 4.25 0.00	82.88 3.68 0.00	69.07 2.86 0.00	50.41 1.98 0.00	42.98 1.65 0.00	49.40 1.76 0.00
CH_MISC_IPPS 23765	53.58 1.83 -11.99	50.42 1.48 -15.95	50.50 1.46 -15.27	49.77 1.59 -11.09	52.38 1.87 -7.92	52.16 2.07 0.00	68.70 3.08 0.00	85.87 2.80 -24.77	63.14 1.75 -23.23	49.90 2.18 0.00	51.73 1.44 -16.55	45.94 0.70 -28.69	50.99 0.19 -45.84	45.64 0.07 -43.62	42.51 1.26 -12.05	42.99 1.95 0.00	50.48 2.31 0.00	85.12 4.05 0.00	91.81 4.77 0.00	83.37 4.16 0.00	69.47 3.26 0.00	50.69 2.26 0.00	43.21 1.87 0.00	49.63 1.99 0.00
CH_RES_BVR_FALLS 23983	39.14 -0.63 0.00	32.39 -0.59 0.00	33.08 -0.68 0.00	36.36 -0.72 0.00	41.92 -0.67 0.00	49.30 -0.79 0.00	64.59 -1.03 0.00	57.53 -0.77 0.00	37.74 -0.42 0.00	47.04 -0.67 0.00	33.09 -0.65 0.00	6.24 -0.28 10.03	-7.87 -0.08 12.75	-9.41 -0.02 11.34	4.67 -0.38 24.14	25.06 -0.48 15.51	17.95 -0.73 29.48	64.36 -1.36 15.35	62.64 -1.66 22.75	40.54 -1.40 37.26	25.78 -0.83 39.60	41.00 -0.36 7.07	40.94 -0.40 0.00	47.24 -0.40 0.00
CH_RES_NIAGARA 23895	33.99 -3.04 2.73	26.78 -2.60 3.61	26.74 -2.74 4.29	29.45 -2.79 4.85	35.47 -3.07 4.05	46.67 -3.38 0.03	54.30 -4.85 6.46	45.77 -5.89 6.64	30.46 -3.42 4.27	36.07 -4.06 7.58	28.22 -2.49 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.66 -2.40 3.12	31.63 -3.29 6.13	37.59 -3.92 6.66	63.46 -7.66 9.94	69.97 -8.55 8.53	59.60 -7.80 11.81	49.24 -6.74 10.23	41.65 -4.94 1.84	37.45 -3.89 0.00	43.07 -4.57 0.00
CH_RES_SYRACUSE 23985	40.77 -0.50 -1.49	34.67 -0.30 -1.99	35.38 -0.29 -1.90	38.13 -0.33 -1.38	43.19 -0.39 -0.99	49.60 -0.49 0.00	65.15 -0.47 0.00	60.88 -0.51 -3.09	40.76 -0.29 -2.90	47.44 -0.28 0.00	35.68 -0.11 -2.06	19.97 -0.13 -3.56	10.59 -0.05 -5.68	7.33 -0.03 -5.41	30.23 -0.45 -1.49	40.32 -0.72 0.00	47.42 -0.75 0.00	79.94 -1.13 0.00	85.97 -1.08 0.00	78.23 -0.97 0.00	65.28 -0.93 0.00	47.62 -0.81 0.00	40.66 -0.67 0.00	46.74 -0.90 0.00
CLINTON_WT_PWR 323605	-10.86 -0.81 49.80	-12.09 -0.80 44.28	-11.97 -0.88 44.85	-11.34 -0.94 47.48	17.99 -1.02 23.58	49.14 -0.95 0.00	25.00 -1.47 39.15	43.77 -1.08 13.45	17.52 -0.93 19.70	4.48 -1.36 41.88	-2.76 -1.05 35.45	-17.05 -0.45 33.14	-19.62 -0.12 24.46	-19.84 -0.03 21.75	-17.77 -0.64 46.32	10.35 -0.93 29.76	-9.47 -1.07 56.56	49.97 -1.65 29.45	41.28 -2.12 43.65	5.85 -1.87 71.49	-12.67 -1.53 77.35	31.74 -0.78 15.91	40.83 -0.50 0.00	47.61 -0.03 0.00
CLINTON___LFGE 323618	72.30 -0.60 -33.14	61.82 -0.63 -29.46	62.90 -0.71 -29.85	67.89 -0.78 -31.60	57.47 -0.80 -15.69	49.50 -0.59 0.00	90.69 -0.99 -26.06	66.69 -0.57 -8.95	50.46 -0.80 -13.11	74.25 -1.33 -27.87	56.24 -1.07 -23.57	4.51 -0.43 11.61	-21.63 -0.10 26.49	-21.63 -0.03 23.56	-21.54 -0.57 50.16	8.03 -0.79 32.23	-13.88 -0.79 61.25	48.37 -0.81 31.89	38.51 -1.28 47.27	0.58 -1.21 77.41	-16.06 -0.93 81.34	34.89 -0.40 13.14	41.26 -0.07 0.00	48.36 0.72 0.00
COBBLENY_34_KV_TB1 80064	38.13 -1.17 0.47	31.34 -1.04 0.61	31.59 -1.11 1.06	34.28 -1.04 1.76	39.98 -1.01 1.60	49.08 -0.99 0.02	60.41 -1.51 3.70	54.04 -2.72 1.54	36.31 -1.52 0.32	41.71 -1.66 4.34	32.70 -0.82 0.22	19.13 -0.40 -2.98	11.54 -0.13 -6.71	8.38 -0.06 -6.49	27.49 -1.01 0.69	36.23 -1.31 3.51	43.02 -1.33 3.81	72.22 -3.15 5.70	78.83 -3.33 4.89	69.34 -3.10 6.77	57.37 -2.98 5.86	45.14 -2.23 1.05	39.79 -1.54 0.00	45.61 -2.03 0.00
COFFEEN___115KV_TB3 355620	41.45 0.79 -0.90	34.73 0.55 -1.19	35.38 0.47 -1.14	38.34 0.43 -0.83	43.94 0.76 -0.59	51.08 0.99 0.00	67.53 1.92 0.00	61.73 1.58 -1.86	40.87 0.97 -1.74	47.80 0.09 0.00	34.45 -0.50 -1.21	21.49 -0.19 -5.13	12.00 -0.12 -7.16	8.46 -0.06 -6.57	36.00 -1.37 -8.19	43.66 -2.06 -4.67	55.25 -1.79 -8.87	85.42 -0.27 -4.62	94.25 0.36 -6.84	90.61 0.20 -11.21	78.26 0.14 -11.91	50.40 -0.16 -2.13	41.07 -0.27 0.00	46.98 -0.66 0.00
COLDSPRG_115KV_BK1 355956	42.39 0.22 -2.41	36.28 0.10 -3.21	36.87 0.04 -3.07	39.54 0.23 -2.23	44.65 0.47 -1.59	50.68 0.59 0.00	66.29 0.68 0.00	62.77 -0.51 -4.98	42.67 -0.15 -4.67	47.70 -0.02 0.00	37.37 0.31 -3.33	22.27 -0.03 -5.76	14.14 -0.02 -9.20	10.68 -0.02 -8.75	31.39 -0.22 -2.42	40.97 -0.08 0.00	48.48 0.32 0.00	80.98 -0.09 0.00	87.48 0.43 0.00	79.41 0.21 0.00	65.78 -0.43 0.00	48.03 -0.40 0.00	41.42 0.09 0.00	47.40 -0.24 0.00
COLONIE_LFGE___ 323577	56.26 1.64 -14.86	54.16 1.40 -19.77	54.08 1.39 -18.93	52.40 1.58 -13.74	54.17 1.77 -9.81	52.10 2.01 0.00	68.12 2.50 0.00	91.30 2.31 -30.69	68.30 1.35 -28.79	49.30 1.59 0.00	55.36 1.11 -20.51	52.58 0.48 -35.56	61.92 0.15 -56.81	56.06 0.06 -54.06	45.10 0.97 -14.94	42.66 1.61 0.00	50.09 1.93 0.00	84.51 3.44 0.00	90.85 3.81 0.00	82.46 3.26 0.00	68.84 2.63 0.00	50.27 1.85 0.00	42.86 1.52 0.00	49.51 1.87 0.00
COOPERNY_115KV_TB1 80082	49.69 0.86 -9.06	45.75 0.70 -12.06	46.02 0.71 -11.54	46.24 0.78 -8.38	49.48 0.91 -5.99	51.02 0.93 0.00	67.08 1.46 0.00	78.31 1.29 -18.72	56.54 0.82 -17.56	48.73 1.02 0.00	46.89 0.64 -12.51	38.55 0.32 -21.69	39.70 0.09 -34.65	34.95 0.03 -32.97	38.88 0.58 -9.11	41.92 0.87 0.00	49.21 1.05 0.00	82.88 1.81 0.00	89.31 2.26 0.00	81.15 1.94 0.00	67.69 1.47 0.00	49.41 0.98 0.00	42.16 0.82 0.00	48.46 0.82 0.00
COPENHAGEN_WT_PWR 323753	40.51 -0.17 -0.92	33.99 -0.22 -1.23	34.62 -0.32 -1.17	37.50 -0.44 -0.85	42.93 -0.27 -0.61	49.84 -0.24 0.00	65.83 0.21 0.00	60.36 0.15 -1.91	40.04 0.10 -1.79	47.01 -0.70 0.00	33.90 -1.09 -1.24	21.07 -0.51 -5.04	11.82 -0.21 -7.07	8.34 -0.09 -6.49	35.22 -1.79 -7.82	42.93 -2.53 -4.41	53.98 -2.56 -8.38	83.26 -2.17 -4.36	91.64 -1.88 -6.47	87.96 -1.84 -10.59	76.01 -1.45 -11.25	49.16 -1.28 -2.01	40.15 -1.18 0.00	45.96 -1.68 0.00
CORNELL_____ 23752	45.06 0.21 -5.08	39.99 0.25 -6.75	40.91 0.30 -6.84	43.16 0.32 -5.76	47.41 0.44 -4.38	50.57 0.47 -0.02	69.44 0.88 -2.95	69.94 0.68 -10.95	48.01 0.48 -9.38	51.70 0.53 -3.46	40.68 0.27 -6.67	25.44 0.02 -8.87	17.58 -0.01 -12.63	13.86 -0.02 -11.93	34.12 -0.34 -5.27	43.36 -0.47 -2.79	51.06 -0.13 -3.03	86.00 0.41 -4.53	92.08 1.15 -3.88	85.74 1.15 -5.38	71.80 0.93 -4.66	49.83 0.56 -0.84	41.80 0.47 0.00	47.93 0.28 0.00

CORONA__69_KV_TB1 355595	77.93 2.36 -35.80	65.26 1.84 -30.43	50.89 1.74 -15.39	50.08 1.83 -11.17	52.75 2.19 -7.98	52.39 2.30 0.00	68.68 3.06 0.00	86.25 3.00 -24.95	63.61 2.05 -23.41	50.46 2.74 0.00	52.25 1.84 -16.68	46.35 0.89 -28.91	51.38 0.23 -46.19	45.99 0.09 -43.95	43.00 1.67 -12.14	43.68 2.63 0.00	50.96 2.80 0.00	85.60 4.54 0.00	92.14 5.09 0.00	83.71 4.51 0.00	69.84 3.63 0.00	51.12 2.69 0.00	43.59 2.25 0.00	50.04 2.40 0.00
CORTLAND__115KV_TB3 80093	42.14 0.00 -2.38	36.20 0.06 -3.16	36.90 0.10 -3.03	39.38 0.10 -2.20	44.33 0.17 -1.57	50.21 0.12 0.00	66.04 0.42 0.00	63.47 0.26 -4.91	42.94 0.18 -4.61	47.96 0.25 0.00	37.21 0.20 -3.28	22.24 0.03 -5.67	14.01 -0.01 -9.06	10.56 -0.01 -8.62	31.40 -0.17 -2.38	40.79 -0.26 0.00	48.09 -0.08 0.00	81.22 0.15 0.00	87.62 0.57 0.00	79.75 0.55 0.00	66.55 0.35 0.00	48.54 0.11 0.00	41.43 0.09 0.00	47.55 -0.09 0.00
COXSACKIE__GT 23611	56.81 3.08 -13.96	54.11 2.55 -18.57	54.18 2.63 -17.78	52.95 2.96 -12.91	55.31 3.50 -9.22	54.31 4.22 0.00	71.41 5.80 0.00	92.06 4.92 -28.84	68.09 2.88 -27.05	51.35 3.64 0.00	55.45 2.43 -19.27	51.03 1.07 -33.41	58.64 0.31 -53.38	52.85 0.11 -50.79	44.91 1.69 -14.03	43.58 2.53 0.00	51.65 3.49 0.00	88.47 7.40 0.00	95.87 8.82 0.00	86.78 7.58 0.00	72.29 6.08 0.00	52.73 4.30 0.00	44.86 3.53 0.00	51.64 4.00 0.00
CPV_VALLEY__CC1 323721	51.02 0.89 -10.37	47.52 0.73 -13.80	47.70 0.72 -13.21	47.45 0.78 -9.60	50.35 0.91 -6.85	51.00 0.91 0.00	67.08 1.46 0.00	81.08 1.35 -21.43	59.10 0.85 -20.10	48.78 1.07 0.00	48.72 0.66 -14.32	41.68 0.31 -24.82	44.70 0.08 -39.66	39.72 0.03 -37.74	40.25 0.63 -10.43	42.03 0.99 0.00	49.29 1.12 0.00	82.99 1.93 0.00	89.51 2.46 0.00	81.26 2.06 0.00	67.77 1.56 0.00	49.47 1.05 0.00	42.21 0.87 0.00	48.49 0.85 0.00
CPV_VALLEY__CC2 323722	51.02 0.89 -10.37	47.52 0.73 -13.80	47.70 0.72 -13.21	47.45 0.78 -9.60	50.35 0.91 -6.85	51.00 0.91 0.00	67.08 1.46 0.00	81.08 1.35 -21.43	59.10 0.85 -20.10	48.78 1.07 0.00	48.72 0.66 -14.32	41.68 0.31 -24.82	44.70 0.08 -39.66	39.72 0.03 -37.74	40.25 0.63 -10.43	42.03 0.99 0.00	49.29 1.12 0.00	82.99 1.93 0.00	89.51 2.46 0.00	81.26 2.06 0.00	67.77 1.56 0.00	49.47 1.05 0.00	42.21 0.87 0.00	48.49 0.85 0.00
CRESCENT__HYD 24018	56.26 1.64 -14.86	54.16 1.40 -19.77	54.08 1.39 -18.93	52.40 1.58 -13.74	54.17 1.77 -9.81	52.10 2.01 0.00	68.12 2.50 0.00	91.30 2.31 -30.69	68.30 1.35 -28.79	49.30 1.59 0.00	55.36 1.11 -20.51	52.58 0.48 -35.56	61.92 0.15 -56.81	56.06 0.06 -54.06	45.10 0.97 -14.94	42.66 1.61 0.00	50.09 1.93 0.00	84.51 3.44 0.00	90.85 3.81 0.00	82.46 3.26 0.00	68.84 2.63 0.00	50.27 1.85 0.00	42.86 1.52 0.00	49.51 1.87 0.00
CRICKET__VALLEY_CC1 323756	53.56 1.18 -12.62	50.74 0.96 -16.79	50.77 0.93 -16.07	49.76 1.01 -11.67	52.08 1.15 -8.33	51.31 1.22 0.00	67.45 1.83 0.00	86.15 1.79 -26.06	63.72 1.11 -24.45	49.04 1.33 0.00	51.98 0.82 -17.42	47.09 0.35 -30.20	53.30 0.10 -48.24	47.89 0.04 -45.91	42.65 0.78 -12.68	42.31 1.26 0.00	49.65 1.49 0.00	83.69 2.62 0.00	90.19 3.14 0.00	81.89 2.69 0.00	68.24 2.03 0.00	49.81 1.38 0.00	42.49 1.15 0.00	48.94 1.30 0.00
CRICKET__VALLEY_CC2 323757	53.56 1.18 -12.62	50.74 0.96 -16.79	50.77 0.93 -16.07	49.76 1.01 -11.67	52.08 1.15 -8.33	51.31 1.22 0.00	67.45 1.83 0.00	86.15 1.79 -26.06	63.72 1.11 -24.45	49.04 1.33 0.00	51.98 0.82 -17.42	47.09 0.35 -30.20	53.30 0.10 -48.24	47.89 0.04 -45.91	42.65 0.78 -12.68	42.31 1.26 0.00	49.65 1.49 0.00	83.69 2.62 0.00	90.19 3.14 0.00	81.89 2.69 0.00	68.24 2.03 0.00	49.81 1.38 0.00	42.49 1.15 0.00	48.94 1.30 0.00
CRICKET__VALLEY_CC3 323758	53.56 1.18 -12.62	50.74 0.96 -16.79	50.77 0.93 -16.07	49.76 1.01 -11.67	52.08 1.15 -8.33	51.31 1.22 0.00	67.45 1.83 0.00	86.15 1.79 -26.06	63.72 1.11 -24.45	49.04 1.33 0.00	51.98 0.82 -17.42	47.09 0.35 -30.20	53.30 0.10 -48.24	47.89 0.04 -45.91	42.65 0.78 -12.68	42.31 1.26 0.00	49.65 1.49 0.00	83.69 2.62 0.00	90.19 3.14 0.00	81.89 2.69 0.00	68.24 2.03 0.00	49.81 1.38 0.00	42.49 1.15 0.00	48.94 1.30 0.00
CRUCIBLE__METL_DRP 24180	40.76 -0.50 -1.49	34.67 -0.30 -1.99	35.38 -0.29 -1.90	38.13 -0.33 -1.38	43.19 -0.38 -0.99	49.60 -0.49 0.00	65.14 -0.48 0.00	60.88 -0.51 -3.09	40.76 -0.30 -2.90	47.42 -0.29 0.00	35.68 -0.12 -2.06	19.97 -0.13 -3.56	10.59 -0.05 -5.68	7.33 -0.03 -5.41	30.22 -0.46 -1.49	40.31 -0.74 0.00	47.41 -0.76 0.00	79.94 -1.13 0.00	85.96 -1.09 0.00	78.22 -0.98 0.00	65.28 -0.93 0.00	47.62 -0.80 0.00	40.66 -0.68 0.00	46.74 -0.90 0.00
DAHOWA__HYDRO 323763	57.73 2.95 -15.02	55.44 2.47 -19.99	55.29 2.39 -19.14	53.68 2.70 -13.90	55.73 3.22 -9.92	53.88 3.79 0.00	70.59 4.98 0.00	93.76 4.42 -31.04	69.75 2.48 -29.11	50.53 2.81 0.00	56.63 2.15 -20.74	53.46 0.96 -35.96	62.71 0.30 -57.44	56.72 0.11 -54.66	46.03 1.74 -15.10	43.76 2.71 0.00	51.67 3.51 0.00	87.38 6.31 0.00	94.08 7.03 0.00	85.27 6.06 0.00	71.04 4.83 0.00	51.73 3.30 0.00	43.94 2.60 0.00	50.61 2.97 0.00
DANC__LFGE 323619	40.52 -0.29 -1.06	34.12 -0.27 -1.40	34.80 -0.31 -1.34	37.65 -0.41 -0.98	42.96 -0.32 -0.70	49.75 -0.34 0.00	65.61 -0.01 0.00	60.40 -0.09 -2.18	40.17 -0.03 -2.05	47.18 -0.54 0.00	34.44 -0.73 -1.44	20.68 -0.38 -4.51	11.32 -0.15 -6.52	7.92 -0.07 -6.04	33.57 -1.41 -5.79	41.96 -2.09 -3.00	51.69 -2.17 -5.69	81.82 -2.21 -2.96	89.41 -2.03 -4.39	84.47 -1.93 -7.20	72.29 -1.56 -7.65	48.46 -1.33 -1.37	40.17 -1.16 0.00	46.05 -1.59 0.00
DANSKAMMER__1 23586	53.58 1.83 -11.99	50.42 1.48 -15.95	50.50 1.46 -15.27	49.77 1.59 -11.09	52.38 1.87 -7.92	52.16 2.07 0.00	68.70 3.08 0.00	85.87 2.80 -24.77	63.14 1.75 -23.23	49.90 2.18 0.00	51.73 1.44 -16.55	45.94 0.70 -28.69	50.99 0.19 -45.84	45.64 0.07 -43.62	42.51 1.26 -12.05	42.99 1.95 0.00	50.48 2.31 0.00	85.12 4.05 0.00	91.81 4.77 0.00	83.37 4.16 0.00	69.47 3.26 0.00	50.69 2.26 0.00	43.21 1.87 0.00	49.63 1.99 0.00
DANSKAMMER__2 23589	53.58 1.83 -11.99	50.42 1.48 -15.95	50.50 1.46 -15.27	49.77 1.59 -11.09	52.38 1.87 -7.92	52.16 2.07 0.00	68.70 3.08 0.00	85.87 2.80 -24.77	63.14 1.75 -23.23	49.90 2.18 0.00	51.73 1.44 -16.55	45.94 0.70 -28.69	50.99 0.19 -45.84	45.64 0.07 -43.62	42.51 1.26 -12.05	42.99 1.95 0.00	50.48 2.31 0.00	85.12 4.05 0.00	91.81 4.77 0.00	83.37 4.16 0.00	69.47 3.26 0.00	50.69 2.26 0.00	43.21 1.87 0.00	49.63 1.99 0.00
DANSKAMMER__3 23590	53.58 1.83 -11.99	50.42 1.48 -15.95	50.50 1.46 -15.27	49.77 1.59 -11.09	52.38 1.87 -7.92	52.16 2.07 0.00	68.70 3.08 0.00	85.87 2.80 -24.77	63.14 1.75 -23.23	49.90 2.18 0.00	51.73 1.44 -16.55	45.94 0.70 -28.69	50.99 0.19 -45.84	45.64 0.07 -43.62	42.51 1.26 -12.05	42.99 1.95 0.00	50.48 2.31 0.00	85.12 4.05 0.00	91.81 4.77 0.00	83.37 4.16 0.00	69.47 3.26 0.00	50.69 2.26 0.00	43.21 1.87 0.00	49.63 1.99 0.00

DANSKAMMER___4 23591	53.58 1.83 -11.99	50.42 1.48 -15.95	50.50 1.46 -15.27	49.77 1.59 -11.09	52.38 1.87 -7.92	52.16 2.07 0.00	68.70 3.08 0.00	85.87 2.80 -24.77	63.14 1.75 -23.23	49.90 2.18 0.00	51.73 1.44 -16.55	45.94 0.70 -28.69	50.99 0.19 -45.84	45.64 0.07 -43.62	42.51 1.26 -12.05	42.99 1.95 0.00	50.48 2.31 0.00	85.12 4.05 0.00	91.81 4.77 0.00	83.37 4.16 0.00	69.47 3.26 0.00	50.69 2.26 0.00	43.21 1.87 0.00	49.63 1.99 0.00
DANSKAMMER___DIESEL 23592	53.58 1.83 -11.99	50.42 1.48 -15.95	50.50 1.46 -15.27	49.77 1.60 -11.09	52.38 1.88 -7.92	52.16 2.07 0.00	68.71 3.09 0.00	85.88 2.81 -24.77	63.14 1.75 -23.23	49.91 2.20 0.00	51.74 1.45 -16.55	45.94 0.70 -28.69	50.99 0.19 -45.84	45.64 0.07 -43.62	42.52 1.27 -12.05	43.00 1.96 0.00	50.48 2.32 0.00	85.13 4.06 0.00	91.83 4.78 0.00	83.37 4.17 0.00	69.47 3.26 0.00	50.69 2.27 0.00	43.21 1.88 0.00	49.63 1.99 0.00
DARBY___SOLAR 323810	57.52 2.74 -15.01	55.25 2.30 -19.97	55.12 2.24 -19.12	53.49 2.52 -13.88	55.48 2.98 -9.91	53.59 3.50 0.00	70.20 4.58 0.00	93.36 4.05 -31.00	69.50 2.26 -29.08	50.31 2.59 0.00	56.41 1.96 -20.72	53.33 0.87 -35.92	62.62 0.28 -57.39	56.65 0.10 -54.61	45.87 1.59 -15.09	43.55 2.50 0.00	51.41 3.25 0.00	86.91 5.84 0.00	93.55 6.50 0.00	84.84 5.64 0.00	70.70 4.49 0.00	51.50 3.07 0.00	43.75 2.41 0.00	50.42 2.78 0.00
DASHVILLE___HYD 23610	53.53 1.44 -12.33	50.55 1.16 -16.40	50.63 1.16 -15.70	49.74 1.26 -11.40	52.24 1.51 -8.14	51.82 1.73 0.00	68.20 2.58 0.00	86.12 2.36 -25.46	63.47 1.43 -23.88	49.65 1.94 0.00	51.90 1.14 -17.02	46.59 0.54 -29.50	52.23 0.14 -47.13	46.85 0.05 -44.84	42.64 1.06 -12.39	42.68 1.63 0.00	50.09 1.92 0.00	84.49 3.43 0.00	91.19 4.14 0.00	82.81 3.61 0.00	69.02 2.82 0.00	50.36 1.93 0.00	42.94 1.61 0.00	49.34 1.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	55.04 1.81 -13.46	51.25 1.35 -16.91	50.43 1.28 -15.39	49.58 1.33 -11.17	52.51 1.94 -7.98	52.08 1.99 0.00	67.97 2.35 0.00	86.05 2.79 -24.95	63.51 1.95 -23.41	50.10 2.39 0.00	51.79 1.37 -16.68	46.13 0.67 -28.91	51.30 0.15 -46.19	45.95 0.05 -43.95	42.45 1.12 -12.14	43.07 2.03 0.00	49.95 1.78 0.00	84.17 3.10 0.00	90.79 3.75 0.00	81.93 2.73 0.00	68.23 2.01 0.00	50.32 1.89 0.00	43.10 1.76 0.00	49.88 2.24 0.00
DELAWARE___LFGE 323621	45.86 0.84 -5.26	40.70 0.72 -7.00	41.24 0.77 -6.70	42.79 0.85 -4.87	47.09 1.02 -3.48	51.17 1.08 0.00	67.28 1.66 0.00	70.54 1.37 -10.87	49.28 0.93 -10.19	48.86 1.15 0.00	41.80 0.80 -7.26	29.55 0.41 -12.58	25.19 0.12 -20.11	21.12 0.04 -19.13	35.10 0.63 -5.29	41.89 0.84 0.00	49.31 1.15 0.00	83.03 1.96 0.00	89.41 2.37 0.00	81.38 2.18 0.00	68.01 1.80 0.00	49.64 1.22 0.00	42.35 1.02 0.00	48.67 1.03 0.00
DERFIELD_115KV_TB7 355931	40.15 0.19 -0.20	33.41 0.16 -0.26	34.19 0.17 -0.25	37.45 0.18 -0.18	42.90 0.18 -0.13	50.24 0.15 0.00	65.90 0.28 0.00	58.95 0.23 -0.41	38.70 0.15 -0.39	47.89 0.17 0.00	34.09 0.08 -0.27	17.06 0.05 -0.46	5.70 0.01 -0.73	2.64 0.00 -0.70	29.49 0.11 -0.19	41.25 0.20 0.00	48.40 0.24 0.00	81.55 0.49 0.00	87.68 0.63 0.00	79.75 0.55 0.00	66.66 0.45 0.00	48.72 0.29 0.00	41.58 0.24 0.00	47.91 0.27 0.00
DOGLEVILLE___HYD 23807	40.39 0.44 -0.20	33.57 0.32 -0.26	34.40 0.38 -0.25	37.66 0.40 -0.18	43.16 0.44 -0.13	50.54 0.45 0.00	66.28 0.66 0.00	59.09 0.38 -0.41	38.43 -0.11 -0.39	47.49 -0.23 0.00	33.72 -0.30 -0.27	16.80 -0.21 -0.46	5.62 -0.07 -0.73	2.61 -0.04 -0.70	29.11 -0.27 -0.19	40.98 -0.07 0.00	48.53 0.37 0.00	82.55 1.48 0.00	89.01 1.96 0.00	80.85 1.64 0.00	67.37 1.16 0.00	49.16 0.73 0.00	42.05 0.71 0.00	48.42 0.78 0.00
DUNKIRK___115KV_TB_200 55889	37.81 -1.23 0.72	30.92 -1.12 0.95	31.15 -1.19 1.43	33.85 -1.12 2.11	39.70 -1.01 1.88	48.92 -1.15 0.02	59.94 -1.65 4.03	53.47 -2.72 2.11	35.80 -1.59 0.76	41.12 -1.86 4.73	32.24 -0.97 0.53	18.71 -0.57 -2.74	11.28 -0.17 -6.49	8.17 -0.07 -6.29	27.08 -1.15 0.96	35.72 -1.51 3.82	42.70 -1.32 4.15	72.17 -2.69 6.20	79.25 -2.47 5.32	69.45 -2.39 7.37	57.28 -2.55 6.38	45.30 -1.99 1.15	40.03 -1.31 0.00	45.79 -1.85 0.00
DUNKIRK___1 23563	37.81 -1.23 0.72	30.92 -1.12 0.95	31.15 -1.19 1.43	33.85 -1.12 2.11	39.70 -1.01 1.88	48.92 -1.15 0.02	59.94 -1.65 4.03	53.47 -2.72 2.11	35.80 -1.59 0.76	41.12 -1.86 4.73	32.24 -0.97 0.53	18.71 -0.57 -2.74	11.28 -0.17 -6.49	8.17 -0.07 -6.29	27.08 -1.15 0.96	35.72 -1.51 3.82	42.70 -1.32 4.15	72.17 -2.69 6.20	79.25 -2.47 5.32	69.45 -2.39 7.37	57.28 -2.55 6.38	45.30 -1.99 1.15	40.03 -1.31 0.00	45.79 -1.85 0.00
DUNKIRK___2 23564	37.81 -1.23 0.72	30.92 -1.12 0.95	31.15 -1.19 1.43	33.85 -1.12 2.11	39.70 -1.01 1.88	48.92 -1.15 0.02	59.94 -1.65 4.03	53.47 -2.72 2.11	35.80 -1.59 0.76	41.12 -1.86 4.73	32.24 -0.97 0.53	18.71 -0.57 -2.74	11.28 -0.17 -6.49	8.17 -0.07 -6.29	27.08 -1.15 0.96	35.72 -1.51 3.82	42.70 -1.32 4.15	72.17 -2.69 6.20	79.25 -2.47 5.32	69.45 -2.39 7.37	57.28 -2.55 6.38	45.30 -1.99 1.15	40.03 -1.31 0.00	45.79 -1.85 0.00
DUNKIRK___3 23565	37.36 -1.36 1.04	30.41 -1.20 1.37	30.61 -1.27 1.89	33.31 -1.21 2.56	39.19 -1.16 2.24	48.76 -1.30 0.02	59.28 -1.89 4.44	52.51 -2.95 2.85	35.11 -1.72 1.32	40.52 -1.98 5.22	31.76 -1.05 0.93	18.40 -0.58 -2.43	11.00 -0.17 -6.21	7.92 -0.08 -6.05	26.69 -1.18 1.31	35.27 -1.56 4.22	42.09 -1.49 4.58	71.08 -3.14 6.84	78.11 -3.06 5.87	68.21 -2.87 8.13	56.28 -2.89 7.04	44.94 -2.22 1.27	39.82 -1.52 0.00	45.58 -2.06 0.00
DUNKIRK___4 23566	37.36 -1.36 1.04	30.41 -1.20 1.37	30.61 -1.27 1.89	33.31 -1.21 2.56	39.19 -1.16 2.24	48.76 -1.30 0.02	59.28 -1.89 4.44	52.51 -2.95 2.85	35.11 -1.72 1.32	40.52 -1.98 5.22	31.76 -1.05 0.93	18.40 -0.58 -2.43	11.00 -0.17 -6.21	7.92 -0.08 -6.05	26.69 -1.18 1.31	35.27 -1.56 4.22	42.09 -1.49 4.58	71.08 -3.14 6.84	78.11 -3.06 5.87	68.21 -2.87 8.13	56.28 -2.89 7.04	44.94 -2.22 1.27	39.82 -1.52 0.00	45.58 -2.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.56 1.71 -12.09	50.42 1.36 -16.08	50.48 1.32 -15.39	49.68 1.43 -11.17	52.24 1.67 -7.98	51.86 1.77 0.00	68.28 2.66 0.00	85.81 2.55 -24.96	63.26 1.69 -23.41	49.93 2.22 0.00	51.87 1.45 -16.68	46.15 0.68 -28.92	51.35 0.18 -46.20	45.99 0.07 -43.97	42.68 1.34 -12.15	43.08 2.03 0.00	50.39 2.22 0.00	84.77 3.71 0.00	91.44 4.39 0.00	83.00 3.80 0.00	69.16 2.96 0.00	50.49 2.06 0.00	43.03 1.70 0.00	49.41 1.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.84 1.48 -11.60	49.62 1.20 -15.44	49.74 1.19 -14.78	49.11 1.30 -10.73	51.77 1.52 -7.67	51.73 1.65 0.00	68.13 2.51 0.00	84.55 2.28 -23.97	62.05 1.41 -22.48	49.47 1.76 0.00	50.89 1.13 -16.02	44.86 0.55 -27.77	49.47 0.14 -44.36	44.21 0.05 -42.21	41.86 1.01 -11.66	42.61 1.56 0.00	50.00 1.83 0.00	84.32 3.25 0.00	90.97 3.93 0.00	82.59 3.38 0.00	68.85 2.65 0.00	50.22 1.80 0.00	42.83 1.49 0.00	49.19 1.55 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	53.87 2.03 -12.08	50.70 1.64 -16.08	50.74 1.58 -15.39	49.98 1.73 -11.17	52.56 1.99 -7.98	52.20 2.12 0.00	68.84 3.22 0.00	86.28 3.02 -24.96	63.55 1.98 -23.42	50.20 2.49 0.00	52.07 1.65 -16.68	46.23 0.76 -28.92	51.37 0.21 -46.20	46.00 0.08 -43.97	42.79 1.46 -12.15	43.18 2.13 0.00	50.42 2.26 0.00	84.78 3.71 0.00	91.56 4.51 0.00	83.22 4.02 0.00	69.29 3.09 0.00	50.62 2.20 0.00	43.13 1.79 0.00	49.40 1.76 0.00
E179THST_13_KV_LOAD 356214	54.05 2.20 -12.08	50.84 1.78 -16.08	50.88 1.72 -15.39	50.13 1.87 -11.17	52.74 2.17 -7.98	52.41 2.32 0.00	69.14 3.52 0.00	86.55 3.29 -24.96	63.74 2.16 -23.42	50.42 2.70 0.00	52.23 1.81 -16.68	46.30 0.83 -28.92	51.39 0.23 -46.20	46.00 0.09 -43.97	42.92 1.58 -12.15	43.36 2.31 0.00	50.65 2.48 0.00	85.17 4.10 0.00	91.97 4.92 0.00	83.61 4.41 0.00	69.60 3.39 0.00	50.85 2.41 0.00	43.31 1.98 0.00	49.61 1.97 0.00
EAST HAMPTON___GT 23717	54.24 1.02 -13.46	50.59 0.69 -16.91	49.76 0.60 -15.39	48.88 0.62 -11.17	52.01 1.45 -7.98	51.71 1.63 0.00	67.81 2.19 0.00	85.80 2.54 -24.95	63.28 1.72 -23.41	49.29 1.58 0.00	51.09 0.68 -16.68	45.81 0.35 -28.91	51.21 0.06 -46.19	45.91 0.01 -43.95	41.85 0.52 -12.14	42.28 1.24 0.00	49.06 0.90 0.00	82.71 1.64 0.00	89.37 2.33 0.00	80.61 1.40 0.00	67.03 0.82 0.00	49.49 1.06 0.00	42.50 1.16 0.00	49.74 2.10 0.00
EAST RIVER___6 23660	53.75 1.91 -12.08	50.58 1.52 -16.07	50.62 1.46 -15.39	49.84 1.58 -11.17	52.42 1.85 -7.98	52.00 1.91 0.00	68.49 2.87 0.00	86.02 2.76 -24.96	63.43 1.87 -23.41	50.13 2.42 0.00	52.02 1.60 -16.68	46.21 0.75 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.79 1.46 -12.15	43.21 2.16 0.00	50.49 2.33 0.00	84.87 3.80 0.00	91.62 4.57 0.00	83.13 3.93 0.00	69.26 3.05 0.00	50.56 2.13 0.00	43.07 1.74 0.00	49.38 1.74 0.00
EAST RIVER___7 23524	53.75 1.91 -12.08	50.58 1.52 -16.07	50.62 1.46 -15.39	49.84 1.58 -11.17	52.42 1.85 -7.98	52.00 1.91 0.00	68.49 2.87 0.00	86.02 2.76 -24.96	63.43 1.87 -23.41	50.13 2.42 0.00	52.02 1.60 -16.68	46.21 0.75 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.79 1.46 -12.15	43.21 2.16 0.00	50.49 2.33 0.00	84.87 3.80 0.00	91.62 4.57 0.00	83.13 3.93 0.00	69.26 3.05 0.00	50.56 2.13 0.00	43.07 1.74 0.00	49.38 1.74 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.47 1.65 -12.06	50.35 1.32 -16.04	50.41 1.28 -15.36	49.62 1.39 -11.15	52.18 1.63 -7.96	51.81 1.72 0.00	68.21 2.60 0.00	85.67 2.46 -24.91	63.15 1.63 -23.37	49.80 2.09 0.00	51.75 1.36 -16.65	46.04 0.64 -28.86	51.24 0.17 -46.11	45.89 0.07 -43.87	42.57 1.27 -12.12	42.96 1.91 0.00	50.27 2.11 0.00	84.61 3.54 0.00	91.26 4.21 0.00	82.83 3.63 0.00	69.02 2.82 0.00	50.39 1.96 0.00	42.95 1.62 0.00	49.32 1.67 0.00
EAST_HAMPTON___DIESEL 23722	54.10 0.88 -13.46	50.47 0.57 -16.91	49.64 0.48 -15.39	48.75 0.50 -11.17	51.90 1.33 -7.98	51.60 1.51 0.00	67.68 2.06 0.00	85.69 2.43 -24.95	63.21 1.64 -23.41	49.14 1.43 0.00	50.97 0.56 -16.68	45.75 0.29 -28.91	51.19 0.04 -46.19	45.91 0.00 -43.95	41.75 0.42 -12.14	42.14 1.09 0.00	48.89 0.73 0.00	82.42 1.35 0.00	89.07 2.02 0.00	80.33 1.13 0.00	66.80 0.59 0.00	49.33 0.91 0.00	42.37 1.04 0.00	49.66 2.03 0.00
EAST_POINT___SOLAR 323840	58.61 2.33 -16.52	56.81 1.84 -21.98	56.66 1.85 -21.04	54.39 2.03 -15.28	55.98 2.48 -10.91	53.17 3.08 0.00	70.14 4.52 0.00	96.11 3.68 -34.13	71.79 1.62 -32.01	49.74 2.02 0.00	57.52 0.97 -22.81	56.54 0.46 -39.54	68.30 0.17 -63.17	62.09 0.04 -60.11	46.53 0.73 -16.61	41.80 0.76 0.00	50.10 1.93 0.00	86.10 5.03 0.00	93.08 6.03 0.00	84.69 5.48 0.00	70.81 4.60 0.00	51.64 3.21 0.00	44.00 2.66 0.00	50.58 2.94 0.00
EAST_PULASKI___ESR 323781	40.77 -0.19 -1.19	34.46 -0.11 -1.59	35.18 -0.10 -1.52	38.01 -0.18 -1.10	43.23 -0.15 -0.79	49.92 -0.17 0.00	65.78 0.16 0.00	60.80 0.03 -2.47	40.55 0.08 -2.31	47.61 -0.10 0.00	35.19 -0.19 -1.64	20.40 -0.17 -4.03	10.91 -0.08 -6.03	7.55 -0.04 -5.64	31.99 -0.98 -3.79	41.01 -1.61 -1.58	49.45 -1.71 -2.99	80.44 -2.18 -1.56	87.23 -2.12 -2.31	81.05 -1.93 -3.78	68.61 -1.61 -4.02	47.80 -1.35 -0.72	40.22 -1.12 0.00	46.17 -1.47 0.00
EAST_RIVER___1 323558	53.73 1.88 -12.08	50.56 1.50 -16.07	50.61 1.46 -15.39	49.83 1.58 -11.17	52.40 1.83 -7.98	51.99 1.90 0.00	68.53 2.92 0.00	86.06 2.79 -24.96	63.44 1.88 -23.41	50.16 2.45 0.00	52.04 1.62 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.79 1.46 -12.15	43.23 2.18 0.00	50.49 2.33 0.00	84.91 3.84 0.00	91.66 4.62 0.00	83.19 3.98 0.00	69.29 3.08 0.00	50.58 2.15 0.00	43.10 1.76 0.00	49.42 1.78 0.00
EAST_RIVER___2 323559	53.75 1.91 -12.08	50.58 1.52 -16.07	50.62 1.46 -15.39	49.84 1.58 -11.17	52.42 1.85 -7.98	52.00 1.91 0.00	68.49 2.87 0.00	86.02 2.76 -24.96	63.43 1.87 -23.41	50.13 2.42 0.00	52.02 1.60 -16.68	46.21 0.75 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.79 1.46 -12.15	43.21 2.16 0.00	50.49 2.33 0.00	84.87 3.80 0.00	91.62 4.57 0.00	83.13 3.93 0.00	69.26 3.05 0.00	50.56 2.13 0.00	43.07 1.74 0.00	49.38 1.74 0.00
EAST___DELAWARE_HYD 23607	53.15 2.45 -10.94	49.56 2.02 -14.55	49.77 2.08 -13.93	49.49 2.29 -10.11	52.50 2.69 -7.22	53.19 3.10 0.00	70.02 4.40 0.00	84.67 3.78 -22.59	61.62 2.27 -21.19	50.58 2.86 0.00	50.77 1.94 -15.10	43.69 0.97 -26.17	47.04 0.26 -41.81	41.82 0.09 -39.79	41.40 1.22 -10.99	42.92 1.87 0.00	50.59 2.43 0.00	85.66 4.59 0.00	92.51 5.46 0.00	84.01 4.81 0.00	70.00 3.79 0.00	51.05 2.62 0.00	43.52 2.18 0.00	49.94 2.31 0.00
EIGHT_POINT___WT_PWR 323820	59.96 -3.57 -23.76	61.89 -2.63 -31.53	64.85 -2.76 -33.84	66.24 -2.98 -32.15	64.93 -3.20 -25.54	46.13 -4.10 -0.15	88.78 -5.08 -28.24	106.75 -5.07 -53.52	76.40 -3.40 -41.65	76.37 -4.49 -33.15	60.11 -3.19 -29.56	40.49 -1.60 -25.55	30.44 -0.52 -26.00	25.60 -0.23 -23.88	51.58 -3.14 -25.53	63.46 -4.36 -26.77	72.66 -4.60 -29.09	117.61 -6.90 -43.45	118.94 -5.39 -37.29	126.17 -4.65 -51.62	107.47 -3.44 -44.70	53.83 -2.62 -8.03	39.62 -1.71 0.00	45.23 -2.41 0.00
ELBRIDGE_115KV_TB2 80188	40.48 -0.84 -1.56	34.47 -0.59 -2.07	35.15 -0.60 -1.98	37.86 -0.66 -1.44	42.87 -0.75 -1.03	49.18 -0.91 0.00	64.48 -1.14 0.00	60.43 -1.09 -3.22	40.52 -0.65 -3.02	46.96 -0.75 0.00	35.46 -0.43 -2.15	19.98 -0.28 -3.71	10.80 -0.09 -5.93	7.54 -0.04 -5.64	30.07 -0.67 -1.56	40.05 -1.00 0.00	47.07 -1.09 0.00	79.33 -1.73 0.00	85.45 -1.60 0.00	77.77 -1.44 0.00	64.93 -1.28 0.00	47.38 -1.05 0.00	40.46 -0.87 0.00	46.53 -1.12 0.00
ELEC_TRO_TEK 24086	64.80 2.09 -22.94	57.28 1.64 -22.65	50.73 1.57 -15.39	49.90 1.65 -11.17	52.53 1.96 -7.98	52.14 2.05 0.00	68.36 2.74 0.00	86.03 2.76 -24.95	63.47 1.91 -23.41	50.27 2.55 0.00	52.10 1.69 -16.68	46.28 0.82 -28.91	51.36 0.21 -46.19	45.99 0.08 -43.95	42.88 1.55 -12.14	43.48 2.43 0.00	50.74 2.57 0.00	85.22 4.15 0.00	91.70 4.66 0.00	83.28 4.08 0.00	69.44 3.23 0.00	50.83 2.40 0.00	43.34 2.01 0.00	49.78 2.14 0.00

ELLENBURG_WT_PWR 323604	-10.86 -0.81 49.80	-12.09 -0.80 44.28	-11.97 -0.88 44.85	-11.34 -0.94 47.48	17.99 -1.02 23.58	49.14 -0.95 0.00	25.00 -1.47 39.15	43.77 -1.08 13.45	17.52 -0.93 19.70	4.48 -1.36 41.88	-2.76 -1.05 35.45	-17.05 -0.45 33.14	-19.62 -0.12 24.46	-19.84 -0.03 21.75	-17.77 -0.64 46.32	10.35 -0.93 29.76	-9.47 -1.07 56.56	49.97 -1.65 29.45	41.28 -2.12 43.65	5.85 -1.87 71.49	-12.67 -1.53 77.35	31.74 -0.78 15.91	40.83 -0.50 0.00	47.61 -0.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.01 -1.83 1.93	28.86 -1.57 2.56	28.94 -1.67 3.16	31.68 -1.64 3.77	37.68 -1.71 3.20	48.20 -1.86 0.03	57.40 -2.72 5.50	49.62 -3.83 4.85	33.10 -2.17 2.89	38.76 -2.50 6.46	30.31 -1.39 2.04	17.35 -0.67 -1.47	10.00 -0.21 -5.24	7.01 -0.09 -5.15	25.44 -1.49 2.27	33.84 -1.99 5.22	40.27 -2.22 5.67	67.93 -4.66 8.47	74.77 -5.00 7.27	64.53 -4.61 10.07	53.30 -4.19 8.72	43.76 -3.10 1.57	39.03 -2.30 0.00	44.77 -2.87 0.00
EMPIRE_CC_1 323656	54.99 1.07 -14.16	52.82 0.99 -18.84	52.79 1.00 -18.03	51.31 1.14 -13.09	53.14 1.20 -9.35	51.36 1.28 0.00	67.01 1.39 0.00	88.87 1.32 -29.25	66.39 0.80 -27.43	48.76 1.04 0.00	53.92 0.63 -19.54	50.62 0.19 -33.88	59.16 0.07 -54.13	53.49 0.03 -51.51	43.93 0.51 -14.23	41.97 0.93 0.00	49.23 1.06 0.00	83.14 2.07 0.00	89.29 2.24 0.00	81.05 1.85 0.00	67.72 1.51 0.00	49.56 1.13 0.00	42.39 1.06 0.00	49.04 1.40 0.00
EMPIRE_CC_2 323658	54.99 1.07 -14.16	52.82 0.99 -18.84	52.79 1.00 -18.03	51.31 1.14 -13.09	53.14 1.20 -9.35	51.36 1.28 0.00	67.01 1.39 0.00	88.87 1.32 -29.25	66.39 0.80 -27.43	48.76 1.04 0.00	53.92 0.63 -19.54	50.62 0.19 -33.88	59.16 0.07 -54.13	53.49 0.03 -51.51	43.93 0.51 -14.23	41.97 0.93 0.00	49.23 1.06 0.00	83.14 2.07 0.00	89.29 2.24 0.00	81.05 1.85 0.00	67.72 1.51 0.00	49.56 1.13 0.00	42.39 1.06 0.00	49.04 1.40 0.00
ENORWICH_115KV_TB1 80156	45.28 0.53 -4.99	40.12 0.50 -6.63	40.89 0.58 -6.55	42.87 0.63 -5.16	47.40 0.99 -3.82	51.29 1.19 -0.01	69.39 2.27 -1.51	70.69 1.85 -10.54	48.73 1.15 -9.43	50.71 1.22 -1.77	41.15 0.70 -6.71	27.00 0.20 -10.25	20.59 0.04 -15.59	16.72 -0.01 -14.79	33.84 -0.44 -5.10	41.88 -0.60 -1.43	49.98 0.27 -1.55	85.10 1.71 -2.32	92.39 3.35 -1.99	85.68 3.73 -2.75	72.53 3.93 -2.38	52.00 3.14 -0.43	43.85 2.51 0.00	49.92 2.28 0.00
ERIE_ST__34_KV_TB1-2 80199	37.39 -1.14 1.23	30.36 -1.00 1.63	30.54 -1.07 2.16	33.26 -1.00 2.82	39.17 -0.98 2.44	49.12 -0.94 0.03	59.43 -1.51 4.67	52.36 -2.66 3.28	35.03 -1.46 1.66	40.64 -1.59 5.49	31.81 -0.76 1.17	18.39 -0.38 -2.22	10.84 -0.12 -6.00	7.74 -0.06 -5.85	26.71 -0.96 1.52	35.37 -1.24 4.43	42.04 -1.30 4.82	70.78 -3.09 7.20	77.74 -3.13 6.17	67.70 -2.95 8.55	55.97 -2.84 7.40	45.02 -2.07 1.33	39.93 -1.41 0.00	45.79 -1.85 0.00
ERIE_WT_PWR 323693	36.82 -1.49 1.45	29.78 -1.28 1.92	29.93 -1.36 2.48	32.63 -1.33 3.12	38.56 -1.35 2.68	48.62 -1.44 0.03	58.57 -2.13 4.93	51.25 -3.29 3.77	34.24 -1.86 2.05	39.90 -2.04 5.78	31.20 -1.10 1.44	17.98 -0.55 -1.98	10.54 -0.17 -5.75	7.49 -0.08 -5.62	26.24 -1.20 1.75	34.76 -1.61 4.68	41.32 -1.76 5.08	69.58 -3.90 7.59	76.42 -4.12 6.51	66.39 -3.80 9.01	54.87 -3.53 7.80	44.40 -2.63 1.40	39.41 -1.93 0.00	45.17 -2.47 0.00
ESPRGFLD_115KV_TB1 80157	40.84 1.08 0.00	33.82 0.84 0.00	34.61 0.84 0.00	38.00 0.92 0.00	43.78 1.19 0.00	51.55 1.46 0.00	68.02 2.40 0.00	60.32 2.02 0.00	39.42 1.26 0.00	49.23 1.51 0.00	34.69 0.95 0.00	17.03 0.49 0.00	5.11 0.15 0.00	2.00 0.05 0.00	29.90 0.71 0.00	41.75 0.70 0.00	49.35 1.19 0.00	83.51 2.45 0.00	89.98 2.93 0.00	82.02 2.82 0.00	68.75 2.54 0.00	50.15 1.73 0.00	42.73 1.39 0.00	49.05 1.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.63 0.16 -4.70	39.44 0.21 -6.25	40.31 0.25 -6.30	42.57 0.26 -5.23	46.93 0.38 -3.96	50.48 0.38 -0.01	68.84 0.77 -2.45	68.99 0.59 -10.10	47.29 0.41 -8.72	51.05 0.45 -2.88	40.18 0.24 -6.20	25.07 0.01 -8.51	17.26 -0.02 -12.32	13.57 -0.02 -11.64	33.72 -0.33 -4.86	42.89 -0.48 -2.32	50.53 -0.16 -2.52	85.16 0.32 -3.77	91.28 1.00 -3.23	84.72 1.04 -4.48	70.91 0.83 -3.88	49.61 0.48 -0.70	41.74 0.40 0.00	47.86 0.22 0.00
ETNA____115KV_TB2 80207	44.63 0.16 -4.70	39.44 0.21 -6.25	40.31 0.25 -6.30	42.57 0.26 -5.23	46.93 0.38 -3.96	50.48 0.38 -0.01	68.84 0.77 -2.45	68.99 0.59 -10.10	47.29 0.41 -8.72	51.05 0.45 -2.88	40.18 0.24 -6.20	25.07 0.01 -8.51	17.26 -0.02 -12.32	13.57 -0.02 -11.64	33.72 -0.33 -4.86	42.89 -0.48 -2.32	50.53 -0.16 -2.52	85.16 0.32 -3.77	91.28 1.00 -3.23	84.72 1.04 -4.48	70.91 0.83 -3.88	49.61 0.48 -0.70	41.74 0.40 0.00	47.86 0.22 0.00
EUCLID____115KV_TB2 356179	39.94 -1.12 -1.30	33.88 -0.83 -1.73	34.60 -0.82 -1.66	37.35 -0.94 -1.21	42.35 -1.10 -0.86	48.76 -1.33 0.00	64.03 -1.59 0.00	59.42 -1.58 -2.69	39.73 -0.95 -2.52	46.64 -1.07 0.00	34.89 -0.64 -1.79	19.29 -0.35 -3.09	9.79 -0.11 -4.94	6.60 -0.05 -4.70	29.68 -0.81 -1.30	39.82 -1.23 0.00	46.80 -1.37 0.00	78.83 -2.24 0.00	84.75 -2.30 0.00	77.09 -2.12 0.00	64.33 -1.88 0.00	46.96 -1.47 0.00	40.11 -1.23 0.00	46.13 -1.51 0.00
E_CANADA_CAP_HY 24051	58.36 1.43 -17.16	56.87 1.06 -22.83	56.64 1.02 -21.86	54.05 1.10 -15.87	55.31 1.38 -11.33	51.86 1.77 0.00	68.38 2.77 0.00	96.00 2.25 -35.44	72.62 1.21 -33.25	49.13 1.42 0.00	58.19 0.76 -23.69	57.93 0.32 -41.06	70.68 0.11 -65.61	64.41 0.04 -62.43	47.05 0.62 -17.25	41.62 0.57 0.00	49.28 1.12 0.00	83.93 2.86 0.00	90.36 3.31 0.00	82.32 3.12 0.00	69.00 2.80 0.00	50.41 1.98 0.00	42.99 1.65 0.00	49.44 1.80 0.00
E_CANADA_MHWK_HY 24050	40.39 0.44 -0.20	33.57 0.32 -0.26	34.40 0.38 -0.25	37.66 0.40 -0.18	43.16 0.44 -0.13	50.54 0.45 0.00	66.28 0.66 0.00	59.09 0.38 -0.41	38.43 -0.11 -0.39	47.49 -0.23 0.00	33.72 -0.30 -0.27	16.80 -0.21 -0.46	5.62 -0.07 -0.73	2.61 -0.04 -0.70	29.11 -0.27 -0.19	40.98 -0.07 0.00	48.53 0.37 0.00	82.55 1.48 0.00	89.01 1.96 0.00	80.85 1.64 0.00	67.37 1.16 0.00	49.16 0.73 0.00	42.05 0.71 0.00	48.42 0.78 0.00
E_FISHKILL____LBMP 23776	53.42 1.40 -12.26	50.43 1.13 -16.32	50.50 1.11 -15.62	49.62 1.20 -11.34	52.09 1.40 -8.10	51.56 1.47 0.00	67.82 2.21 0.00	85.73 2.09 -25.33	63.28 1.36 -23.76	49.44 1.72 0.00	51.77 1.10 -16.93	46.41 0.51 -29.35	51.98 0.14 -46.89	46.62 0.05 -44.62	42.55 1.04 -12.33	42.62 1.57 0.00	49.94 1.78 0.00	84.09 3.02 0.00	90.67 3.62 0.00	82.30 3.10 0.00	68.61 2.40 0.00	50.08 1.66 0.00	42.71 1.37 0.00	49.10 1.46 0.00
FALCON____SEABRD_CC1 323796	-18.27 -1.00 57.03	-18.65 -0.94 50.69	-18.61 -1.03 51.35	-18.41 -1.13 54.36	14.38 -1.21 27.00	49.02 -1.07 0.00	19.11 -1.68 44.83	41.75 -1.15 15.41	14.46 -1.14 22.56	-1.97 -1.74 47.95	-8.18 -1.33 40.59	-20.15 -0.54 36.16	-20.91 -0.13 25.74	-20.97 -0.03 22.89	-20.31 -0.77 48.73	8.65 -1.09 31.31	-12.50 -1.15 59.51	48.50 -1.59 30.98	38.91 -2.22 45.92	1.85 -2.15 75.21	-17.00 -1.70 81.51	30.54 -0.94 16.95	40.86 -0.48 0.00	48.03 0.39 0.00

FALCON___SEABRD_CC2 323797	-18.27 -1.00 57.03	-18.65 -0.94 50.69	-18.61 -1.03 51.35	-18.41 -1.13 54.36	14.38 -1.21 27.00	49.02 -1.07 0.00	19.11 -1.68 44.83	41.75 -1.15 15.41	14.46 -1.14 22.56	-1.97 -1.74 47.95	-8.18 -1.33 40.59	-20.15 -0.54 36.16	-20.91 -0.13 25.74	-20.97 -0.03 22.89	-20.31 -0.77 48.73	8.65 -1.09 31.31	-12.50 -1.15 59.51	48.50 -1.59 30.98	38.91 -2.22 45.92	1.85 -2.15 75.21	-17.00 -1.70 81.51	30.54 -0.94 16.95	40.86 -0.48 0.00	48.03 0.39 0.00
FAR ROCKAWAY___4 23548	79.90 2.90 -37.24	66.56 2.27 -31.31	51.33 2.18 -15.39	50.57 2.31 -11.17	53.34 2.78 -7.98	53.10 3.01 0.00	69.30 3.69 0.00	87.02 3.76 -24.95	64.08 2.52 -23.41	51.04 3.33 0.00	52.68 2.26 -16.68	46.56 1.10 -28.91	51.45 0.30 -46.19	46.02 0.12 -43.95	43.38 2.05 -12.14	44.21 3.16 0.00	51.63 3.47 0.00	86.37 5.30 0.00	92.95 5.90 0.00	84.42 5.23 0.00	70.43 4.22 0.00	51.51 3.08 0.00	43.92 2.58 0.00	50.41 2.77 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.75 1.91 -12.08	50.58 1.52 -16.08	50.62 1.46 -15.39	49.84 1.58 -11.17	52.42 1.86 -7.98	52.02 1.93 0.00	68.59 2.98 0.00	86.11 2.85 -24.96	63.48 1.91 -23.41	50.21 2.50 0.00	52.07 1.66 -16.68	46.23 0.77 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.84 1.51 -12.15	43.27 2.23 0.00	50.54 2.38 0.00	85.00 3.92 0.00	91.74 4.69 0.00	83.25 4.05 0.00	69.35 3.14 0.00	50.61 2.19 0.00	43.14 1.80 0.00	49.45 1.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.77 1.92 -12.08	50.60 1.53 -16.08	50.64 1.49 -15.39	49.86 1.61 -11.17	52.45 1.88 -7.98	52.05 1.96 0.00	68.64 3.02 0.00	86.15 2.89 -24.96	63.49 1.93 -23.41	50.23 2.52 0.00	52.08 1.66 -16.68	46.24 0.78 -28.92	51.36 0.21 -46.20	45.99 0.08 -43.96	42.84 1.51 -12.15	43.28 2.24 0.00	50.57 2.41 0.00	85.01 3.94 0.00	91.79 4.74 0.00	83.28 4.08 0.00	69.38 3.17 0.00	50.65 2.22 0.00	43.16 1.83 0.00	49.47 1.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.73 1.88 -12.08	50.56 1.50 -16.08	50.61 1.46 -15.39	49.83 1.58 -11.17	52.41 1.84 -7.98	52.00 1.91 0.00	68.57 2.96 0.00	86.09 2.83 -24.96	63.47 1.90 -23.41	50.19 2.48 0.00	52.06 1.64 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.82 1.49 -12.15	43.25 2.21 0.00	50.53 2.36 0.00	84.94 3.87 0.00	91.71 4.67 0.00	83.19 3.99 0.00	69.30 3.10 0.00	50.60 2.17 0.00	43.12 1.78 0.00	49.43 1.79 0.00
FARRAGUT___LBMP 323566	53.69 1.85 -12.08	50.54 1.48 -16.08	50.58 1.43 -15.39	49.79 1.54 -11.17	52.38 1.81 -7.98	51.96 1.88 0.00	68.51 2.89 0.00	86.03 2.77 -24.96	63.43 1.86 -23.41	50.14 2.42 0.00	52.01 1.60 -16.68	46.21 0.74 -28.92	51.35 0.20 -46.20	45.99 0.08 -43.96	42.79 1.46 -12.15	43.21 2.16 0.00	50.47 2.31 0.00	84.85 3.78 0.00	91.62 4.57 0.00	83.12 3.92 0.00	69.26 3.05 0.00	50.55 2.12 0.00	43.09 1.75 0.00	49.39 1.75 0.00
FENNER___WINDPWR 24204	41.69 0.29 -1.64	35.42 0.26 -2.18	36.14 0.29 -2.08	38.94 0.34 -1.51	44.17 0.50 -1.08	50.67 0.58 0.00	66.65 1.03 0.00	62.49 0.81 -3.38	41.85 0.52 -3.17	48.28 0.57 0.00	36.39 0.40 -2.25	20.60 0.16 -3.89	11.19 0.02 -6.21	7.86 0.01 -5.90	30.93 0.11 -1.63	41.22 0.17 0.00	48.53 0.37 0.00	81.96 0.89 0.00	88.39 1.35 0.00	80.49 1.28 0.00	67.23 1.02 0.00	49.00 0.57 0.00	41.73 0.39 0.00	47.91 0.27 0.00
FIBERTEK___ENERGY 23856	40.76 -0.50 -1.49	34.67 -0.30 -1.99	35.38 -0.29 -1.90	38.13 -0.33 -1.38	43.19 -0.38 -0.99	49.60 -0.49 0.00	65.14 -0.48 0.00	60.88 -0.51 -3.09	40.76 -0.30 -2.90	47.42 -0.29 0.00	35.68 -0.12 -2.06	19.97 -0.13 -3.56	10.59 -0.05 -5.68	7.33 -0.03 -5.41	30.22 -0.46 -1.49	40.31 -0.74 0.00	47.41 -0.76 0.00	79.94 -1.13 0.00	85.96 -1.09 0.00	78.22 -0.98 0.00	65.28 -0.93 0.00	47.62 -0.80 0.00	40.66 -0.68 0.00	46.74 -0.90 0.00
FITZPATRICK____ 23598	39.08 -1.63 -0.94	32.98 -1.26 -1.26	33.71 -1.26 -1.20	36.53 -1.42 -0.87	41.54 -1.67 -0.62	48.10 -1.99 0.00	63.07 -2.55 0.00	57.86 -2.39 -1.95	38.49 -1.49 -1.83	45.98 -1.73 0.00	33.95 -1.09 -1.30	18.25 -0.54 -2.25	8.39 -0.17 -3.59	5.30 -0.07 -3.42	29.00 -1.13 -0.95	39.36 -1.69 0.00	46.17 -1.99 0.00	77.73 -3.34 0.00	83.54 -3.51 0.00	76.00 -3.20 0.00	63.48 -2.73 0.00	46.36 -2.07 0.00	39.63 -1.71 0.00	45.62 -2.02 0.00
FLOWRFLD_69_KV_BK1 356044	55.66 2.37 -13.52	51.76 1.83 -16.95	50.92 1.76 -15.39	50.06 1.81 -11.17	52.74 2.18 -7.98	52.32 2.23 0.00	68.21 2.60 0.00	86.16 2.90 -24.95	63.63 2.07 -23.41	50.57 2.85 0.00	52.23 1.81 -16.68	46.33 0.87 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.91 1.58 -12.14	43.68 2.63 0.00	50.84 2.67 0.00	85.55 4.49 0.00	92.04 4.99 0.00	83.37 4.16 0.00	69.48 3.27 0.00	51.07 2.64 0.00	43.62 2.28 0.00	50.02 2.38 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.72 1.91 -12.04	50.56 1.55 -16.02	50.64 1.53 -15.34	49.89 1.67 -11.14	52.50 1.96 -7.95	52.27 2.18 0.00	68.85 3.23 0.00	86.12 2.93 -24.88	63.33 1.84 -23.34	50.03 2.32 0.00	51.89 1.53 -16.62	46.10 0.73 -28.82	51.21 0.20 -46.05	45.84 0.08 -43.82	42.63 1.34 -12.11	43.11 2.06 0.00	50.61 2.45 0.00	85.33 4.26 0.00	92.05 5.00 0.00	83.55 4.35 0.00	69.64 3.43 0.00	50.80 2.37 0.00	43.30 1.96 0.00	49.73 2.09 0.00
FORT ORANGE____ 23900	55.95 1.65 -14.53	53.72 1.40 -19.34	53.71 1.44 -18.51	52.12 1.60 -13.44	54.03 1.84 -9.60	52.18 2.09 0.00	68.39 2.77 0.00	90.74 2.41 -30.02	67.78 1.46 -28.16	49.51 1.80 0.00	55.00 1.20 -20.06	51.86 0.53 -34.78	60.68 0.16 -55.57	54.88 0.06 -52.88	44.79 0.99 -14.61	42.53 1.49 0.00	50.02 1.86 0.00	84.70 3.63 0.00	91.26 4.21 0.00	82.85 3.65 0.00	69.12 2.91 0.00	50.50 2.07 0.00	43.07 1.73 0.00	49.64 2.00 0.00
FORT_DRUM_COGEN 23780	41.14 0.51 -0.87	34.46 0.32 -1.16	35.10 0.22 -1.11	38.04 0.16 -0.81	43.61 0.45 -0.57	50.67 0.58 0.00	66.93 1.32 0.00	61.19 1.09 -1.80	40.50 0.66 -1.69	47.59 -0.12 0.00	34.24 -0.67 -1.17	21.50 -0.29 -5.24	12.10 -0.14 -7.28	8.55 -0.06 -6.66	36.41 -1.40 -8.62	44.01 -2.00 -4.97	55.70 -1.90 -9.44	85.07 -0.92 -4.91	93.80 -0.53 -7.28	90.53 -0.60 -11.93	78.42 -0.46 -12.67	50.14 -0.55 -2.26	40.76 -0.58 0.00	46.65 -0.99 0.00
FOX_HILLS___ESR 323835	62.42 2.27 -20.39	61.29 1.82 -26.48	60.82 1.76 -25.29	60.83 1.92 -21.83	61.83 2.22 -17.02	60.73 2.38 -8.26	72.50 3.48 -3.40	86.52 3.25 -24.96	75.62 2.27 -35.19	64.21 2.85 -13.64	62.23 1.98 -26.51	61.52 0.94 -44.03	61.89 0.25 -56.67	60.68 0.10 -58.64	61.08 1.77 -30.12	61.55 2.59 -17.91	64.59 2.79 -13.64	104.88 4.26 -19.54	93.60 5.17 -1.39	109.99 4.56 -26.22	115.11 3.59 -45.30	97.71 2.59 -46.69	62.78 2.16 -19.29	61.68 2.18 -11.86
FPL FAR_ROCK_GT1 24212	79.90 2.90 -37.24	66.56 2.27 -31.31	51.34 2.18 -15.39	50.57 2.31 -11.17	53.34 2.78 -7.98	53.10 3.01 0.00	69.30 3.68 0.00	87.00 3.74 -24.95	64.08 2.51 -23.41	51.02 3.31 0.00	52.67 2.26 -16.68	46.56 1.10 -28.91	51.45 0.30 -46.19	46.02 0.12 -43.95	43.37 2.04 -12.14	44.19 3.14 0.00	51.62 3.46 0.00	86.36 5.30 0.00	92.93 5.88 0.00	84.43 5.22 0.00	70.41 4.20 0.00	51.51 3.08 0.00	43.92 2.58 0.00	50.41 2.77 0.00

FPL FAR_ROCK_GT2 23815	79.90 2.90 -37.24	66.56 2.27 -31.31	51.34 2.18 -15.39	50.57 2.31 -11.17	53.34 2.78 -7.98	53.10 3.01 0.00	69.30 3.68 0.00	87.00 3.74 -24.95	64.08 2.51 -23.41	51.02 3.31 0.00	52.67 2.26 -16.68	46.56 1.10 -28.91	51.45 0.30 -46.19	46.02 0.12 -43.95	43.37 2.04 -12.14	44.19 3.14 0.00	51.62 3.46 0.00	86.36 5.30 0.00	92.93 5.88 0.00	84.43 5.22 0.00	70.41 4.20 0.00	51.51 3.08 0.00	43.92 2.58 0.00	50.41 2.77 0.00
FRANKLIN_FALL_HYD 24054	44.58 1.14 -3.67	37.11 0.77 -3.35	37.81 0.66 -3.38	41.34 0.77 -3.49	45.33 0.97 -1.78	51.29 1.20 0.00	69.83 1.50 -2.72	61.11 1.44 -1.37	40.39 0.46 -1.77	50.70 0.08 -2.91	35.96 -0.27 -2.49	63.50 -0.09 -47.04	63.62 -0.01 -58.68	54.13 0.01 -52.18	140.19 -0.02 -111.03	112.31 -0.05 -71.31	183.76 0.05 -135.55	151.99 0.35 -70.57	191.74 0.10 -104.60	250.69 0.19 -171.31	248.52 0.19 -182.12	81.54 0.46 -32.66	41.79 0.46 0.00	48.54 0.90 0.00
FREEPORT_EQUS_GT1 23764	63.29 2.29 -21.23	56.38 1.78 -21.61	50.86 1.71 -15.39	50.04 1.79 -11.17	52.70 2.13 -7.98	52.25 2.17 0.00	68.36 2.74 0.00	86.27 3.01 -24.95	63.60 2.03 -23.41	50.42 2.71 0.00	52.20 1.79 -16.68	46.33 0.88 -28.91	51.37 0.22 -46.19	45.99 0.09 -43.95	42.94 1.61 -12.14	43.62 2.57 0.00	50.92 2.76 0.00	85.35 4.28 0.00	91.93 4.88 0.00	83.64 4.44 0.00	69.69 3.48 0.00	51.05 2.62 0.00	43.54 2.21 0.00	50.02 2.38 0.00
FREEPORT___CT2 23818	63.29 2.29 -21.23	56.38 1.78 -21.61	50.86 1.71 -15.39	50.04 1.79 -11.17	52.70 2.13 -7.98	52.25 2.17 0.00	68.36 2.74 0.00	86.27 3.01 -24.95	63.60 2.03 -23.41	50.42 2.71 0.00	52.20 1.79 -16.68	46.33 0.88 -28.91	51.37 0.22 -46.19	45.99 0.09 -43.95	42.94 1.61 -12.14	43.62 2.57 0.00	50.92 2.76 0.00	85.35 4.28 0.00	91.93 4.88 0.00	83.64 4.44 0.00	69.69 3.48 0.00	51.05 2.62 0.00	43.54 2.21 0.00	50.02 2.38 0.00
FRESHKLS_33_KV_LOAD 356253	62.42 2.26 -20.39	61.29 1.82 -26.48	60.80 1.74 -25.29	60.81 1.90 -21.83	61.80 2.20 -17.02	60.73 2.38 -8.26	72.46 3.44 -3.40	86.45 3.18 -24.96	75.61 2.27 -35.19	64.16 2.80 -13.64	62.18 1.94 -26.51	61.50 0.92 -44.03	61.88 0.25 -56.67	60.68 0.10 -58.64	61.01 1.70 -30.12	61.49 2.53 -17.91	64.51 2.71 -13.64	104.70 4.09 -19.54	93.54 5.11 -1.39	109.92 4.50 -26.22	115.04 3.53 -45.30	97.71 2.59 -46.69	62.80 2.18 -19.29	61.70 2.20 -11.86
FULTON COGEN____ 23766	40.64 -0.42 -1.29	34.46 -0.25 -1.72	35.21 -0.21 -1.65	37.99 -0.29 -1.20	43.11 -0.34 -0.85	49.69 -0.40 0.00	65.41 -0.20 0.00	60.67 -0.30 -2.67	40.51 -0.15 -2.51	47.58 -0.13 0.00	35.45 -0.06 -1.78	19.46 -0.15 -3.06	9.79 -0.06 -4.89	6.57 -0.03 -4.65	29.65 -0.82 -1.29	39.60 -1.44 0.00	46.60 -1.57 0.00	78.65 -2.42 0.00	84.45 -2.59 0.00	76.82 -2.39 0.00	64.13 -2.08 0.00	46.79 -1.64 0.00	39.95 -1.38 0.00	45.95 -1.70 0.00
FULTON___LFGE 323630	58.09 1.97 -16.36	56.32 1.57 -21.76	56.16 1.56 -20.84	53.93 1.72 -15.13	55.48 2.09 -10.80	52.65 2.56 0.00	69.35 3.73 0.00	94.97 2.88 -33.79	71.26 1.40 -31.70	49.39 1.68 0.00	57.18 0.86 -22.58	55.92 0.22 -39.15	67.62 0.11 -62.55	61.50 0.03 -59.52	46.41 0.77 -16.44	41.92 0.87 0.00	49.71 1.55 0.00	85.33 4.27 0.00	92.08 5.03 0.00	83.78 4.57 0.00	70.04 3.83 0.00	51.11 2.68 0.00	43.57 2.23 0.00	50.10 2.46 0.00
G.F.CEMENT___DRP 24184	58.69 3.87 -15.05	56.23 3.22 -20.02	56.01 3.07 -19.17	54.48 3.48 -13.92	56.72 4.19 -9.94	55.09 5.00 0.00	72.18 6.56 0.00	95.32 5.92 -31.09	70.72 3.40 -29.16	51.58 3.86 0.00	57.43 2.91 -20.78	53.91 1.34 -36.02	62.92 0.42 -57.54	56.86 0.15 -54.76	46.68 2.36 -15.13	44.63 3.58 0.00	52.80 4.64 0.00	89.30 8.23 0.00	96.17 9.13 0.00	87.08 7.88 0.00	72.47 6.26 0.00	52.74 4.31 0.00	44.72 3.38 0.00	51.45 3.82 0.00
GARDENVILLE___LBMP 24039	36.45 -1.65 1.67	29.35 -1.43 2.21	29.46 -1.52 2.78	32.19 -1.48 3.41	38.15 -1.52 2.91	48.43 -1.64 0.03	58.02 -2.41 5.19	50.51 -3.53 4.26	33.72 -2.01 2.43	39.33 -2.29 6.09	30.77 -1.26 1.71	17.69 -0.61 -1.75	10.29 -0.19 -5.52	7.28 -0.08 -5.41	25.85 -1.36 1.99	34.30 -1.82 4.92	40.83 -1.98 5.35	68.87 -4.21 7.99	75.75 -4.44 6.86	65.60 -4.11 9.49	54.19 -3.80 8.22	44.14 -2.81 1.48	39.28 -2.05 0.00	45.04 -2.60 0.00
GARDNVLA_35_KV_LD 355827	36.99 -1.43 1.34	29.96 -1.25 1.77	30.12 -1.33 2.32	32.84 -1.28 2.97	38.76 -1.27 2.56	48.75 -1.32 0.03	58.84 -1.98 4.79	51.60 -3.18 3.52	34.54 -1.77 1.85	40.11 -1.97 5.63	31.42 -1.01 1.30	18.16 -0.48 -2.09	10.67 -0.15 -5.86	7.60 -0.07 -5.72	26.41 -1.15 1.63	34.97 -1.53 4.55	41.58 -1.64 4.94	70.01 -3.67 7.38	76.84 -3.88 6.33	66.85 -3.59 8.77	55.26 -3.36 7.59	44.57 -2.49 1.36	39.53 -1.81 0.00	45.32 -2.32 0.00
GELCKHM___115KV_LOAD 80723	40.23 -0.91 -1.37	34.15 -0.66 -1.83	34.88 -0.64 -1.75	37.62 -0.74 -1.27	42.64 -0.86 -0.91	49.05 -1.04 0.00	64.40 -1.22 0.00	59.92 -1.22 -2.84	40.09 -0.73 -2.66	46.90 -0.81 0.00	35.16 -0.47 -1.89	19.53 -0.28 -3.27	10.09 -0.09 -5.22	6.87 -0.04 -4.97	29.87 -0.69 -1.37	39.99 -1.06 0.00	46.99 -1.17 0.00	79.21 -1.86 0.00	85.12 -1.93 0.00	77.46 -1.75 0.00	64.66 -1.55 0.00	47.17 -1.26 0.00	40.29 -1.04 0.00	46.34 -1.30 0.00
GENERAL___MILLS 23808	36.79 -1.53 1.45	29.74 -1.33 1.92	29.88 -1.41 2.48	32.60 -1.36 3.12	38.54 -1.37 2.68	48.61 -1.45 0.03	58.53 -2.16 4.93	51.19 -3.34 3.77	34.23 -1.88 2.05	39.81 -2.13 5.78	31.17 -1.13 1.44	17.98 -0.55 -1.98	10.54 -0.17 -5.75	7.49 -0.07 -5.62	26.18 -1.25 1.75	34.70 -1.67 4.68	41.28 -1.81 5.08	69.53 -3.96 7.59	76.38 -4.16 6.51	66.35 -3.84 9.01	54.83 -3.57 7.80	44.39 -2.64 1.40	39.41 -1.92 0.00	45.20 -2.44 0.00
GE_PLASTICS___DRP 24183	55.51 1.19 -14.55	53.36 1.03 -19.36	53.34 1.05 -18.53	51.71 1.18 -13.45	53.54 1.34 -9.61	51.55 1.46 0.00	67.56 1.94 0.00	90.05 1.70 -30.05	67.39 1.05 -28.19	49.04 1.32 0.00	54.70 0.88 -20.08	51.75 0.39 -34.81	60.69 0.11 -55.62	54.92 0.05 -52.93	44.57 0.76 -14.62	42.21 1.16 0.00	49.59 1.43 0.00	83.70 2.63 0.00	90.05 3.01 0.00	81.79 2.59 0.00	68.27 2.06 0.00	49.90 1.47 0.00	42.58 1.24 0.00	49.08 1.45 0.00
GILBOA___1 23756	52.15 0.81 -11.58	49.09 0.70 -15.41	49.32 0.81 -14.75	48.68 0.89 -10.71	51.24 1.00 -7.65	51.02 0.93 0.00	66.92 1.31 0.00	83.29 1.07 -23.92	61.33 0.74 -22.43	48.65 0.94 0.00	50.34 0.62 -15.98	44.58 0.33 -27.71	49.32 0.09 -44.27	44.11 0.04 -42.12	41.46 0.63 -11.64	41.90 0.85 0.00	49.16 1.00 0.00	82.71 1.64 0.00	88.98 1.94 0.00	80.96 1.75 0.00	67.61 1.40 0.00	49.40 0.98 0.00	42.17 0.83 0.00	48.55 0.91 0.00
GILBOA___2 23757	52.15 0.81 -11.58	49.09 0.70 -15.41	49.32 0.81 -14.75	48.68 0.89 -10.71	51.24 1.00 -7.65	51.02 0.93 0.00	66.92 1.31 0.00	83.29 1.07 -23.92	61.33 0.74 -22.43	48.65 0.94 0.00	50.34 0.62 -15.98	44.58 0.33 -27.71	49.32 0.09 -44.27	44.11 0.04 -42.12	41.46 0.63 -11.64	41.90 0.85 0.00	49.16 1.00 0.00	82.71 1.64 0.00	88.98 1.94 0.00	80.96 1.75 0.00	67.61 1.40 0.00	49.40 0.98 0.00	42.17 0.83 0.00	48.55 0.91 0.00

GILBOA___3 23758	52.15 0.81 -11.58	49.09 0.70 -15.41	49.32 0.81 -14.75	48.68 0.89 -10.71	51.24 1.00 -7.65	51.02 0.93 0.00	66.92 1.31 0.00	83.29 1.07 -23.92	61.33 0.74 -22.43	48.65 0.94 0.00	50.34 0.62 -15.98	44.58 0.33 -27.71	49.32 0.09 -44.27	44.11 0.04 -42.12	41.46 0.63 -11.64	41.90 0.85 0.00	49.16 1.00 0.00	82.71 1.64 0.00	88.98 1.94 0.00	80.96 1.75 0.00	67.61 1.40 0.00	49.40 0.98 0.00	42.17 0.83 0.00	48.55 0.91 0.00
GILBOA___4 23759	52.15 0.81 -11.58	49.09 0.70 -15.41	49.32 0.81 -14.75	48.68 0.89 -10.71	51.24 1.00 -7.65	51.02 0.93 0.00	66.92 1.31 0.00	83.29 1.07 -23.92	61.33 0.74 -22.43	48.65 0.94 0.00	50.34 0.62 -15.98	44.58 0.33 -27.71	49.32 0.09 -44.27	44.11 0.04 -42.12	41.46 0.63 -11.64	41.90 0.85 0.00	49.16 1.00 0.00	82.71 1.64 0.00	88.98 1.94 0.00	80.96 1.75 0.00	67.61 1.40 0.00	49.40 0.98 0.00	42.17 0.83 0.00	48.55 0.91 0.00
GILBOA___ 23599	52.15 0.81 -11.58	49.09 0.70 -15.41	49.32 0.81 -14.75	48.68 0.89 -10.71	51.24 1.01 -7.65	51.02 0.93 0.00	66.92 1.31 0.00	83.29 1.07 -23.92	61.33 0.75 -22.43	48.66 0.94 0.00	50.35 0.63 -15.98	44.59 0.33 -27.71	49.32 0.10 -44.27	44.11 0.04 -42.12	41.46 0.63 -11.64	41.90 0.85 0.00	49.17 1.01 0.00	82.71 1.64 0.00	88.98 1.93 0.00	80.96 1.75 0.00	67.62 1.41 0.00	49.41 0.98 0.00	42.17 0.83 0.00	48.55 0.91 0.00
GINNA___ 23603	38.64 -2.81 -1.69	32.94 -2.30 -2.25	33.55 -2.37 -2.15	36.10 -2.54 -1.56	40.84 -2.86 -1.12	46.81 -3.28 0.00	61.43 -4.19 0.00	57.43 -4.37 -3.49	38.73 -2.70 -3.28	44.49 -3.22 0.00	33.91 -2.16 -2.33	19.53 -1.06 -4.04	11.08 -0.33 -6.45	7.94 -0.14 -6.14	28.39 -2.49 -1.70	37.93 -3.12 0.00	44.77 -3.40 0.00	75.23 -5.84 0.00	80.67 -6.37 0.00	73.36 -5.84 0.00	61.11 -5.10 0.00	44.56 -3.87 0.00	38.10 -3.23 0.00	43.76 -3.88 0.00
GLEN PARK___ 23778	41.36 0.70 -0.89	34.66 0.48 -1.19	35.30 0.40 -1.14	38.26 0.35 -0.83	43.84 0.66 -0.59	50.96 0.86 0.00	67.36 1.74 0.00	61.58 1.43 -1.85	40.77 0.88 -1.73	47.73 0.02 0.00	34.38 -0.56 -1.20	21.47 -0.22 -5.14	12.01 -0.13 -7.18	8.47 -0.06 -6.58	36.04 -1.39 -8.24	43.69 -2.06 -4.71	55.26 -1.85 -8.94	85.27 -0.45 -4.66	94.06 0.11 -6.90	90.48 -0.02 -11.30	78.20 -0.02 -12.01	50.30 -0.27 -2.15	40.99 -0.35 0.00	46.89 -0.75 0.00
GLENDALE_27_KV_LOAD 356172	54.04 2.19 -12.08	50.81 1.75 -16.08	50.85 1.69 -15.39	50.10 1.84 -11.17	52.72 2.15 -7.98	52.40 2.31 0.00	69.17 3.55 0.00	86.60 3.34 -24.96	63.84 2.27 -23.42	50.62 2.91 0.00	52.39 1.97 -16.68	46.40 0.93 -28.92	51.52 0.25 -46.31	46.30 0.10 -44.25	43.70 1.77 -12.74	44.20 2.60 -0.55	51.31 2.81 -0.34	85.60 4.53 0.00	92.37 5.32 0.00	83.87 4.66 0.00	69.85 3.64 0.00	50.98 2.55 0.00	43.42 2.09 0.00	49.74 2.10 0.00
GLENWOOD_IC_1_G5 23712	60.33 2.27 -18.30	54.60 1.78 -19.84	50.87 1.71 -15.39	50.05 1.80 -11.17	52.71 2.14 -7.98	52.37 2.28 0.00	68.67 3.05 0.00	86.31 3.05 -24.95	63.66 2.09 -23.41	50.50 2.79 0.00	52.29 1.87 -16.68	46.36 0.91 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.02 1.69 -12.14	43.69 2.64 0.00	50.99 2.83 0.00	85.65 4.59 0.00	92.22 5.17 0.00	83.74 4.54 0.00	69.78 3.57 0.00	51.09 2.66 0.00	43.55 2.21 0.00	49.99 2.35 0.00
GLENWOOD_IC_2_G1 23688	56.86 2.16 -14.94	52.48 1.69 -17.80	50.79 1.63 -15.39	49.97 1.72 -11.17	52.61 2.04 -7.98	52.24 2.15 0.00	68.49 2.88 0.00	86.14 2.89 -24.95	63.54 1.98 -23.41	50.35 2.64 0.00	52.18 1.76 -16.68	46.31 0.85 -28.91	51.37 0.22 -46.19	45.99 0.09 -43.95	42.92 1.59 -12.14	43.55 2.50 0.00	50.83 2.67 0.00	85.41 4.34 0.00	91.95 4.90 0.00	83.49 4.29 0.00	69.60 3.39 0.00	50.96 2.53 0.00	43.45 2.11 0.00	49.88 2.24 0.00
GLENWOOD_IC_3_G1 23689	56.86 2.16 -14.94	52.48 1.69 -17.80	50.79 1.63 -15.39	49.97 1.72 -11.17	52.61 2.04 -7.98	52.24 2.15 0.00	68.49 2.88 0.00	86.14 2.89 -24.95	63.54 1.98 -23.41	50.35 2.64 0.00	52.18 1.76 -16.68	46.31 0.85 -28.91	51.37 0.22 -46.19	45.99 0.09 -43.95	42.92 1.59 -12.14	43.55 2.50 0.00	50.83 2.67 0.00	85.41 4.34 0.00	91.95 4.90 0.00	83.49 4.29 0.00	69.60 3.39 0.00	50.96 2.53 0.00	43.45 2.11 0.00	49.88 2.24 0.00
GLENWOOD___4 23550	60.33 2.27 -18.30	54.60 1.78 -19.84	50.87 1.71 -15.39	50.05 1.80 -11.17	52.71 2.14 -7.98	52.37 2.28 0.00	68.67 3.05 0.00	86.31 3.05 -24.95	63.66 2.09 -23.41	50.50 2.79 0.00	52.29 1.87 -16.68	46.36 0.91 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.02 1.69 -12.14	43.69 2.64 0.00	50.99 2.83 0.00	85.65 4.59 0.00	92.22 5.17 0.00	83.74 4.54 0.00	69.78 3.57 0.00	51.09 2.66 0.00	43.55 2.21 0.00	49.99 2.35 0.00
GLENWOOD___5 23614	60.33 2.27 -18.30	54.60 1.78 -19.84	50.87 1.71 -15.39	50.05 1.80 -11.17	52.71 2.14 -7.98	52.37 2.28 0.00	68.67 3.05 0.00	86.31 3.05 -24.95	63.66 2.09 -23.41	50.50 2.79 0.00	52.29 1.87 -16.68	46.36 0.91 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.02 1.69 -12.14	43.69 2.64 0.00	50.99 2.83 0.00	85.65 4.59 0.00	92.22 5.17 0.00	83.74 4.54 0.00	69.78 3.57 0.00	51.09 2.66 0.00	43.55 2.21 0.00	49.99 2.35 0.00
GLOBAL GREEN_PORT_GT1 23814	54.80 1.58 -13.46	51.04 1.14 -16.91	50.21 1.06 -15.39	49.36 1.11 -11.17	52.43 1.86 -7.98	52.11 2.02 0.00	68.20 2.58 0.00	86.19 2.93 -24.95	63.56 1.99 -23.41	49.86 2.15 0.00	51.56 1.14 -16.68	46.02 0.56 -28.91	51.27 0.12 -46.19	45.94 0.03 -43.95	42.22 0.89 -12.14	42.82 1.77 0.00	49.72 1.56 0.00	83.85 2.78 0.00	90.55 3.50 0.00	81.70 2.50 0.00	67.96 1.75 0.00	50.14 1.71 0.00	42.99 1.66 0.00	50.01 2.37 0.00
GLOBE___DSASP 323697	33.90 -3.12 2.75	26.68 -2.67 3.64	26.64 -2.80 4.32	29.34 -2.86 4.88	35.36 -3.15 4.08	46.58 -3.47 0.03	54.15 -4.98 6.49	45.61 -6.00 6.70	30.35 -3.49 4.32	35.94 -4.16 7.62	28.13 -2.56 3.05	15.96 -1.19 -0.61	8.98 -0.36 -4.37	6.16 -0.15 -4.36	23.58 -2.46 3.15	31.52 -3.37 6.16	37.46 -4.01 6.69	63.27 -7.81 9.99	69.76 -8.71 8.57	59.39 -7.94 11.87	49.06 -6.87 10.28	41.55 -5.03 1.85	37.37 -3.97 0.00	42.97 -4.67 0.00
GOETHSLN___LBMP 323567	53.41 1.56 -12.08	50.30 1.24 -16.08	50.35 1.19 -15.39	49.54 1.28 -11.17	52.07 1.50 -7.98	51.61 1.52 0.00	68.08 2.46 0.00	85.62 2.36 -24.96	63.15 1.58 -23.41	49.80 2.09 0.00	51.70 1.33 -16.63	46.08 0.61 -28.92	51.32 0.16 -46.20	45.97 0.07 -43.96	42.58 1.25 -12.15	42.90 1.85 0.00	50.10 1.94 0.00	84.26 3.19 0.00	90.98 3.93 0.00	82.54 3.33 0.00	68.76 2.55 0.00	49.75 1.73 0.41	42.80 1.46 0.00	49.06 1.42 0.00
GOLAH___69_KV_TB 1_2 80279	39.45 -1.03 -0.72	33.05 -0.89 -0.96	33.58 -0.93 -0.74	36.42 -0.82 -0.16	41.63 -0.94 0.01	49.23 -0.85 0.01	63.07 -1.15 1.40	57.68 -1.89 -1.27	38.65 -1.12 -1.61	44.73 -1.35 1.64	34.05 -0.84 -1.15	19.38 -0.43 -3.26	10.77 -0.14 -5.95	7.58 -0.06 -5.70	28.69 -1.13 -0.64	38.12 -1.60 1.33	45.06 -1.66 1.44	76.13 -2.78 2.15	82.37 -2.83 1.85	74.08 -2.57 2.56	61.56 -2.43 2.22	46.13 -1.90 0.40	39.85 -1.49 0.00	45.74 -1.90 0.00

GOODYEAR_LAKE_HYD 323669	44.66 1.13 -3.77	38.93 0.93 -5.02	39.56 0.99 -4.80	41.65 1.08 -3.49	46.42 1.34 -2.49	51.61 1.52 0.00	67.99 2.37 0.00	68.07 1.98 -7.79	46.76 1.30 -7.31	49.31 1.59 0.00	40.06 1.12 -5.20	26.15 0.59 -9.02	19.54 0.17 -14.41	15.72 0.06 -13.71	33.83 0.85 -3.79	42.12 1.08 0.00	49.70 1.54 0.00	83.76 2.69 0.00	90.25 3.20 0.00	82.17 2.97 0.00	68.70 2.49 0.00	50.12 1.70 0.00	42.73 1.39 0.00	49.03 1.39 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.55 -0.20 -3.99	38.18 -0.11 -5.30	38.79 -0.05 -5.08	40.71 -0.06 -3.69	45.24 0.02 -2.63	49.93 -0.16 0.00	65.60 -0.02 0.00	66.30 -0.24 -8.24	45.74 -0.14 -7.73	47.67 -0.05 0.00	39.30 0.05 -5.50	26.04 -0.04 -9.53	20.18 -0.01 -15.23	16.43 -0.02 -14.49	33.02 -0.17 -4.00	40.79 -0.26 0.00	48.06 -0.11 0.00	80.77 -0.30 0.00	87.06 0.01 0.00	79.22 0.02 0.00	66.09 -0.12 0.00	48.21 -0.22 0.00	41.23 -0.11 0.00	47.32 -0.32 0.00
GOUDEY___7 23579	43.55 -0.20 -3.99	38.18 -0.11 -5.30	38.79 -0.05 -5.08	40.71 -0.06 -3.69	45.24 0.02 -2.63	49.93 -0.16 0.00	65.60 -0.02 0.00	66.30 -0.24 -8.24	45.74 -0.14 -7.73	47.67 -0.05 0.00	39.30 0.05 -5.50	26.04 -0.04 -9.53	20.18 -0.01 -15.23	16.43 -0.02 -14.49	33.02 -0.17 -4.00	40.79 -0.26 0.00	48.06 -0.11 0.00	80.77 -0.30 0.00	87.06 0.01 0.00	79.22 0.02 0.00	66.09 -0.12 0.00	48.21 -0.22 0.00	41.23 -0.11 0.00	47.32 -0.32 0.00
GOUDEY___8 23580	43.55 -0.20 -3.99	38.18 -0.11 -5.30	38.79 -0.05 -5.08	40.71 -0.06 -3.69	45.24 0.02 -2.63	49.93 -0.16 0.00	65.60 -0.02 0.00	66.30 -0.24 -8.24	45.74 -0.14 -7.73	47.67 -0.05 0.00	39.30 0.05 -5.50	26.04 -0.04 -9.53	20.18 -0.01 -15.23	16.43 -0.02 -14.49	33.02 -0.17 -4.00	40.79 -0.26 0.00	48.06 -0.11 0.00	80.77 -0.30 0.00	87.06 0.01 0.00	79.22 0.02 0.00	66.09 -0.12 0.00	48.21 -0.22 0.00	41.23 -0.11 0.00	47.32 -0.32 0.00
GOWANUS_GT1_1 24077	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.69 3.43 -24.96	75.70 2.35 -35.19	64.33 2.98 -13.64	62.31 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.66 2.71 -17.91	64.72 2.91 -13.64	105.16 4.55 -19.54	93.85 5.42 -1.39	110.17 4.75 -26.22	115.24 3.73 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT1_2 24078	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.69 3.43 -24.96	75.70 2.35 -35.19	64.33 2.98 -13.64	62.31 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.66 2.71 -17.91	64.72 2.91 -13.64	105.16 4.55 -19.54	93.85 5.42 -1.39	110.17 4.75 -26.22	115.24 3.73 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT1_3 24079	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.69 3.43 -24.96	75.70 2.35 -35.19	64.33 2.98 -13.64	62.31 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.66 2.71 -17.91	64.72 2.91 -13.64	105.16 4.55 -19.54	93.85 5.42 -1.39	110.17 4.75 -26.22	115.24 3.73 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT1_4 24080	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.69 3.43 -24.96	75.70 2.35 -35.19	64.33 2.98 -13.64	62.31 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.66 2.71 -17.91	64.72 2.91 -13.64	105.16 4.55 -19.54	93.85 5.42 -1.39	110.17 4.75 -26.22	115.24 3.73 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT1_5 24084	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.69 3.43 -24.96	75.70 2.35 -35.19	64.33 2.98 -13.64	62.31 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.66 2.71 -17.91	64.72 2.91 -13.64	105.16 4.55 -19.54	93.85 5.42 -1.39	110.17 4.75 -26.22	115.24 3.73 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT1_6 24111	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.69 3.43 -24.96	75.70 2.35 -35.19	64.33 2.98 -13.64	62.31 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.66 2.71 -17.91	64.72 2.91 -13.64	105.16 4.55 -19.54	93.85 5.42 -1.39	110.17 4.75 -26.22	115.24 3.73 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT1_7 24112	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.69 3.43 -24.96	75.70 2.35 -35.19	64.33 2.98 -13.64	62.31 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.66 2.71 -17.91	64.72 2.91 -13.64	105.16 4.55 -19.54	93.85 5.42 -1.39	110.17 4.75 -26.22	115.24 3.73 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT1_8 24113	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.69 3.43 -24.96	75.70 2.35 -35.19	64.33 2.98 -13.64	62.31 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.66 2.71 -17.91	64.72 2.91 -13.64	105.16 4.55 -19.54	93.85 5.42 -1.39	110.17 4.75 -26.22	115.24 3.73 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT2_1 24114	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
GOWANUS_GT2_2 24115	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
GOWANUS_GT2_3 24116	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86

GOWANUS_GT2_4 24117	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
GOWANUS_GT2_5 24118	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
GOWANUS_GT2_6 24119	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
GOWANUS_GT2_7 24120	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
GOWANUS_GT2_8 24121	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
GOWANUS_GT3_1 24122	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.41 -24.96	75.69 2.35 -35.19	64.31 2.96 -13.64	62.29 2.05 -26.51	61.55 0.97 -44.03	61.89 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.65 2.70 -17.91	64.70 2.90 -13.64	105.16 4.54 -19.54	93.85 5.42 -1.39	110.17 4.74 -26.22	115.22 3.71 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT3_2 24123	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.41 -24.96	75.69 2.35 -35.19	64.31 2.96 -13.64	62.29 2.05 -26.51	61.55 0.97 -44.03	61.89 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.65 2.70 -17.91	64.70 2.90 -13.64	105.16 4.54 -19.54	93.85 5.42 -1.39	110.17 4.74 -26.22	115.22 3.71 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT3_3 24124	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.41 -24.96	75.69 2.35 -35.19	64.31 2.96 -13.64	62.29 2.05 -26.51	61.55 0.97 -44.03	61.89 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.65 2.70 -17.91	64.70 2.90 -13.64	105.16 4.54 -19.54	93.85 5.42 -1.39	110.17 4.74 -26.22	115.22 3.71 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT3_4 24125	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.41 -24.96	75.69 2.35 -35.19	64.31 2.96 -13.64	62.29 2.05 -26.51	61.55 0.97 -44.03	61.89 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.65 2.70 -17.91	64.70 2.90 -13.64	105.16 4.54 -19.54	93.85 5.42 -1.39	110.17 4.74 -26.22	115.22 3.71 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT3_5 24126	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.41 -24.96	75.69 2.35 -35.19	64.31 2.96 -13.64	62.29 2.05 -26.51	61.55 0.97 -44.03	61.89 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.65 2.70 -17.91	64.70 2.90 -13.64	105.16 4.54 -19.54	93.85 5.42 -1.39	110.17 4.74 -26.22	115.22 3.71 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT3_6 24127	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.41 -24.96	75.69 2.35 -35.19	64.31 2.96 -13.64	62.29 2.05 -26.51	61.55 0.97 -44.03	61.89 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.65 2.70 -17.91	64.70 2.90 -13.64	105.16 4.54 -19.54	93.85 5.42 -1.39	110.17 4.74 -26.22	115.22 3.71 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT3_7 24128	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.41 -24.96	75.69 2.35 -35.19	64.31 2.96 -13.64	62.29 2.05 -26.51	61.55 0.97 -44.03	61.89 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.65 2.70 -17.91	64.70 2.90 -13.64	105.16 4.54 -19.54	93.85 5.42 -1.39	110.17 4.74 -26.22	115.22 3.71 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT3_8 24129	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.41 -24.96	75.69 2.35 -35.19	64.31 2.96 -13.64	62.29 2.05 -26.51	61.55 0.97 -44.03	61.89 0.27 -56.67	60.69 0.11 -58.64	61.15 1.84 -30.12	61.65 2.70 -17.91	64.70 2.90 -13.64	105.16 4.54 -19.54	93.85 5.42 -1.39	110.17 4.74 -26.22	115.22 3.71 -45.30	97.78 2.66 -46.69	62.81 2.19 -19.29	61.70 2.20 -11.86
GOWANUS_GT4_1 24130	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
GOWANUS_GT4_2 24131	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86

GOWANUS_GT4_3 24132	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
GOWANUS_GT4_4 24133	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
GOWANUS_GT4_5 24134	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
GOWANUS_GT4_6 24135	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
GOWANUS_GT4_7 24136	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
GOWANUS_GT4_8 24137	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
GREENBSH_115KV_TB3 55895	55.77 1.41 -14.59	53.61 1.21 -19.41	53.60 1.25 -18.58	51.96 1.38 -13.49	53.80 1.57 -9.64	51.84 1.75 0.00	67.92 2.30 0.00	90.45 2.01 -30.14	67.69 1.25 -28.27	49.28 1.57 0.00	54.93 1.05 -20.14	51.93 0.46 -34.92	60.89 0.14 -55.79	55.09 0.05 -53.09	44.76 0.90 -14.67	42.43 1.38 0.00	49.84 1.68 0.00	84.18 3.11 0.00	90.55 3.50 0.00	82.22 3.01 0.00	68.63 2.42 0.00	50.15 1.72 0.00	42.78 1.45 0.00	49.33 1.69 0.00
GREENIDGE_115KV_TB5 80291	50.59 -0.74 -11.57	47.83 -0.52 -15.36	49.53 -0.50 -16.26	51.59 -0.53 -15.04	53.94 -0.50 -11.85	49.51 -0.64 -0.06	76.86 -0.81 -12.05	82.90 -1.20 -25.79	58.11 -0.60 -20.54	60.87 -0.99 -14.15	47.75 -0.58 -14.59	30.49 -0.38 -14.32	21.37 -0.14 -16.56	17.27 -0.07 -15.39	40.45 -1.07 -12.33	51.02 -1.45 -11.42	59.24 -1.33 -12.41	97.45 -2.16 -18.53	101.26 -1.69 -15.91	99.78 -1.44 -22.02	84.07 -1.21 -19.07	51.06 -0.79 -3.43	40.85 -0.49 0.00	46.76 -0.88 0.00
GREENIDGE___3 23582	50.59 -0.74 -11.57	47.83 -0.52 -15.36	49.53 -0.50 -16.26	51.59 -0.53 -15.04	53.94 -0.50 -11.85	49.51 -0.64 -0.06	76.86 -0.81 -12.05	82.90 -1.20 -25.79	58.11 -0.60 -20.54	60.87 -0.99 -14.15	47.75 -0.58 -14.59	30.49 -0.38 -14.32	21.37 -0.14 -16.56	17.27 -0.07 -15.39	40.45 -1.07 -12.33	51.02 -1.45 -11.42	59.24 -1.33 -12.41	97.45 -2.16 -18.53	101.26 -1.69 -15.91	99.78 -1.44 -22.02	84.07 -1.21 -19.07	51.06 -0.79 -3.43	40.85 -0.49 0.00	46.76 -0.88 0.00
GREENIDGE___4 23583	50.60 -0.74 -11.57	47.83 -0.51 -15.36	49.54 -0.50 -16.26	51.59 -0.53 -15.04	53.94 -0.49 -11.85	49.51 -0.64 -0.06	76.87 -0.80 -12.05	82.88 -1.21 -25.79	58.11 -0.60 -20.54	60.88 -0.98 -14.15	47.77 -0.56 -14.59	30.49 -0.38 -14.32	21.37 -0.14 -16.56	17.27 -0.07 -15.39	40.46 -1.06 -12.33	51.03 -1.43 -11.42	59.25 -1.32 -12.41	97.47 -2.14 -18.53	101.27 -1.68 -15.91	99.77 -1.46 -22.02	84.09 -1.18 -19.07	51.06 -0.79 -3.43	40.85 -0.48 0.00	46.76 -0.88 0.00
GREENLWN_69_KV_BK 3 55738	55.55 2.08 -13.71	51.67 1.63 -17.06	50.72 1.57 -15.39	49.82 1.57 -11.17	52.40 1.83 -7.98	51.95 1.86 0.00	67.90 2.28 0.00	85.66 2.40 -24.95	63.32 1.76 -23.41	50.20 2.49 0.00	52.05 1.63 -16.68	46.25 0.79 -28.91	51.35 0.20 -46.19	45.98 0.08 -43.95	42.84 1.51 -12.14	43.48 2.43 0.00	50.55 2.39 0.00	84.84 3.78 0.00	91.20 4.15 0.00	82.79 3.59 0.00	69.05 2.84 0.00	50.68 2.25 0.00	43.30 1.96 0.00	49.74 2.10 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86
GRISSOM___SOLAR 323813	57.99 2.01 -16.21	56.17 1.61 -21.57	56.03 1.61 -20.65	53.85 1.77 -15.00	55.43 2.13 -10.71	52.67 2.58 0.00	69.34 3.72 0.00	94.59 2.79 -33.49	70.87 1.30 -31.42	49.30 1.58 0.00	56.85 0.73 -22.38	55.48 0.13 -38.80	67.04 0.09 -61.99	60.96 0.02 -58.99	46.23 0.75 -16.30	41.89 0.85 0.00	49.61 1.44 0.00	85.34 4.28 0.00	92.13 5.08 0.00	83.78 4.58 0.00	70.00 3.79 0.00	51.10 2.67 0.00	43.58 2.24 0.00	50.11 2.47 0.00
GROVEVILLE___HYD 323602	53.72 1.91 -12.04	50.56 1.55 -16.02	50.64 1.53 -15.34	49.89 1.67 -11.14	52.50 1.96 -7.95	52.27 2.18 0.00	68.85 3.23 0.00	86.12 2.93 -24.88	63.33 1.84 -23.34	50.03 2.32 0.00	51.89 1.53 -16.62	46.10 0.73 -28.82	51.21 0.20 -46.05	45.84 0.08 -43.82	42.63 1.34 -12.11	43.11 2.06 0.00	50.61 2.45 0.00	85.33 4.26 0.00	92.05 5.00 0.00	83.55 4.35 0.00	69.64 3.43 0.00	50.80 2.37 0.00	43.30 1.96 0.00	49.73 2.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.76 -0.50 -1.49	34.67 -0.30 -1.99	35.38 -0.29 -1.90	38.13 -0.33 -1.38	43.19 -0.38 -0.99	49.60 -0.49 0.00	65.14 -0.48 0.00	60.88 -0.51 -3.09	40.76 -0.30 -2.90	47.42 -0.29 0.00	35.68 -0.12 -2.06	19.97 -0.13 -3.56	10.59 -0.05 -5.68	7.33 -0.03 -5.41	30.22 -0.46 -1.49	40.31 -0.74 0.00	47.41 -0.76 0.00	79.94 -1.13 0.00	85.96 -1.09 0.00	78.22 -0.98 0.00	65.28 -0.93 0.00	47.62 -0.80 0.00	40.66 -0.68 0.00	46.74 -0.90 0.00

HAMLTNNY_34_KV_TB 80303	40.77 -0.55 -1.56	34.72 -0.34 -2.08	35.40 -0.35 -1.99	38.15 -0.38 -1.44	43.20 -0.42 -1.03	49.57 -0.51 0.00	65.06 -0.56 0.00	60.91 -0.62 -3.22	40.84 -0.34 -3.03	47.34 -0.38 0.00	35.70 -0.19 -2.15	20.08 -0.18 -3.72	10.84 -0.06 -5.94	7.57 -0.03 -5.65	30.22 -0.53 -1.56	40.32 -0.73 0.00	47.41 -0.75 0.00	79.98 -1.09 0.00	86.15 -0.90 0.00	78.43 -0.78 0.00	65.44 -0.77 0.00	47.74 -0.69 0.00	40.77 -0.56 0.00	46.84 -0.80 0.00
HAMPSHIRE___PAPER_HYD 323593	43.59 1.93 -1.90	36.36 1.44 -1.94	36.90 1.21 -1.92	40.18 1.31 -1.79	45.32 1.72 -1.01	51.72 1.63 0.00	68.95 2.30 -1.03	61.88 2.01 -1.56	40.57 0.76 -1.65	48.95 0.13 -1.10	34.42 -0.55 -1.23	25.79 -0.27 -9.52	17.26 -0.11 -12.41	13.04 -0.04 -11.13	49.25 -0.75 -20.82	53.19 -0.94 -13.08	71.85 -1.18 -24.86	92.89 -1.13 -12.94	105.04 -1.19 -19.18	109.50 -1.13 -31.42	98.79 -0.80 -33.38	53.97 -0.42 -5.96	41.04 -0.30 0.00	47.22 -0.42 0.00
HARDSCRABBLE_WT_PWR 323673	40.06 0.10 -0.20	33.30 0.05 -0.26	34.11 0.09 -0.25	37.36 0.10 -0.18	42.83 0.12 -0.13	50.16 0.07 0.00	65.80 0.19 0.00	58.74 0.03 -0.41	38.30 -0.23 -0.39	47.29 -0.43 0.00	33.57 -0.44 -0.27	16.76 -0.24 -0.46	5.61 -0.08 -0.73	2.60 -0.04 -0.70	29.03 -0.35 -0.19	40.79 -0.25 0.00	48.23 0.07 0.00	81.85 0.78 0.00	88.15 1.10 0.00	80.12 0.92 0.00	66.87 0.67 0.00	48.77 0.34 0.00	41.73 0.40 0.00	48.10 0.46 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.51 1.53 -11.21	49.13 1.23 -14.92	49.27 1.22 -14.28	48.77 1.33 -10.37	51.56 1.56 -7.40	51.78 1.70 0.00	68.21 2.59 0.00	83.82 2.36 -23.16	61.35 1.47 -21.72	49.56 1.85 0.00	50.41 1.20 -15.47	43.95 0.58 -26.83	47.98 0.15 -42.86	42.79 0.06 -40.79	41.56 1.10 -11.27	42.74 1.69 0.00	50.17 2.01 0.00	84.57 3.50 0.00	91.22 4.17 0.00	82.79 3.59 0.00	69.00 2.79 0.00	50.27 1.85 0.00	42.86 1.52 0.00	49.21 1.57 0.00
HARSNRAD_115KV_TB1 81005	33.05 -2.64 4.07	25.36 -2.23 5.40	25.19 -2.34 6.24	27.96 -2.38 6.74	34.41 -2.61 5.57	47.21 -2.84 0.04	53.32 -4.05 8.25	43.55 -5.04 9.71	28.61 -2.93 6.61	34.48 -3.56 9.68	26.86 -2.20 4.68	14.90 -1.04 0.62	7.99 -0.31 -3.34	5.25 -0.13 -3.43	22.62 -1.98 4.58	30.22 -3.01 7.82	36.17 -3.49 8.50	61.77 -6.60 12.69	69.01 -7.14 10.90	57.63 -6.49 15.08	47.45 -5.69 13.06	41.96 -4.12 2.35	38.16 -3.18 0.00	43.77 -3.87 0.00
HARZA MOOSE___RIVER 24016	40.93 0.59 -0.57	34.18 0.43 -0.76	34.86 0.37 -0.73	38.00 0.39 -0.53	43.60 0.63 -0.38	50.79 0.70 0.00	66.89 1.27 0.00	60.67 1.18 -1.18	40.00 0.74 -1.11	48.27 0.56 0.00	34.49 -0.01 -0.77	19.70 0.01 -3.15	9.34 -0.02 -4.40	5.98 -0.01 -4.04	34.06 -0.13 -5.01	43.94 0.04 -2.86	53.54 -0.06 -5.43	84.36 0.46 -2.83	91.89 0.65 -4.19	86.54 0.47 -6.87	73.96 0.45 -7.30	49.97 0.24 -1.30	41.47 0.13 0.00	47.59 -0.05 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.20 -0.94 -1.38	34.12 -0.69 -1.83	34.85 -0.67 -1.75	37.59 -0.77 -1.27	42.61 -0.89 -0.91	49.00 -1.09 0.00	64.35 -1.27 0.00	59.87 -1.27 -2.84	40.07 -0.75 -2.66	46.88 -0.84 0.00	35.18 -0.46 -1.89	19.54 -0.28 -3.27	10.09 -0.09 -5.22	6.88 -0.04 -4.97	29.90 -0.66 -1.37	40.04 -1.01 0.00	47.06 -1.11 0.00	79.29 -1.78 0.00	85.23 -1.82 0.00	77.53 -1.68 0.00	64.70 -1.51 0.00	47.20 -1.22 0.00	40.31 -1.02 0.00	46.36 -1.28 0.00
HELLGATE_13_KV_LD 55870	53.86 2.02 -12.08	50.68 1.62 -16.08	50.72 1.56 -15.39	49.95 1.69 -11.17	52.54 1.97 -7.98	52.19 2.10 0.00	68.85 3.23 0.00	86.31 3.05 -24.96	63.64 2.07 -23.42	50.35 2.64 0.00	52.19 1.77 -16.68	46.30 0.83 -28.92	51.50 0.22 -46.31	46.29 0.09 -44.25	43.55 1.62 -12.74	43.97 2.38 -0.55	51.02 2.51 -0.34	85.12 4.05 0.00	91.85 4.80 0.00	83.42 4.21 0.00	69.46 3.25 0.00	50.72 2.29 0.00	43.21 1.87 0.00	49.49 1.85 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.86 2.02 -12.08	50.68 1.62 -16.08	50.72 1.56 -15.39	49.95 1.69 -11.17	52.54 1.97 -7.98	52.19 2.10 0.00	68.85 3.23 0.00	86.31 3.05 -24.96	63.64 2.07 -23.42	50.35 2.64 0.00	52.19 1.77 -16.68	46.30 0.83 -28.92	51.50 0.22 -46.31	46.29 0.09 -44.25	43.55 1.62 -12.74	43.97 2.38 -0.55	51.02 2.51 -0.34	85.12 4.05 0.00	91.85 4.80 0.00	83.42 4.21 0.00	69.46 3.25 0.00	50.72 2.29 0.00	43.21 1.87 0.00	49.49 1.85 0.00
HEMPSTEAD____ 23647	60.83 2.05 -19.01	54.86 1.60 -20.27	50.69 1.54 -15.39	49.85 1.60 -11.17	52.48 1.91 -7.98	52.07 1.98 0.00	68.22 2.60 0.00	85.97 2.72 -24.95	63.43 1.87 -23.41	50.22 2.50 0.00	52.07 1.66 -16.68	46.27 0.81 -28.91	51.36 0.21 -46.19	45.98 0.08 -43.95	42.83 1.50 -12.14	43.46 2.42 0.00	50.72 2.56 0.00	85.14 4.07 0.00	91.65 4.61 0.00	83.26 4.05 0.00	69.38 3.17 0.00	50.79 2.36 0.00	43.31 1.98 0.00	49.75 2.11 0.00
HEWLETT_69_KV_BK3 55828	79.58 2.57 -37.24	66.30 2.01 -31.31	51.06 1.91 -15.39	50.27 2.02 -11.17	52.99 2.42 -7.98	52.66 2.57 0.00	68.92 3.30 0.00	86.55 3.29 -24.95	63.78 2.22 -23.41	50.68 2.96 0.00	52.42 2.01 -16.68	46.44 0.98 -28.91	51.41 0.26 -46.19	46.00 0.10 -43.95	43.16 1.83 -12.14	43.89 2.85 0.00	51.23 3.06 0.00	85.94 4.87 0.00	92.47 5.42 0.00	83.99 4.78 0.00	70.05 3.84 0.00	51.27 2.84 0.00	43.71 2.38 0.00	50.19 2.55 0.00
HICKLING___1 23621	44.99 -0.90 -6.13	40.46 -0.66 -8.13	41.48 -0.58 -8.30	43.50 -0.64 -7.07	47.44 -0.56 -5.41	49.24 -0.87 -0.02	68.62 -0.90 -3.91	70.40 -1.16 -13.26	48.60 -0.81 -11.25	51.38 -0.92 -4.58	41.21 -0.53 -8.00	26.48 -0.38 -10.31	19.28 -0.11 -14.43	15.49 -0.06 -13.61	34.84 -0.73 -6.38	43.71 -1.04 -3.70	51.34 -0.85 -4.02	85.63 -1.44 -6.00	91.13 -1.07 -5.15	85.34 -1.00 -7.13	71.42 -0.97 -6.18	48.67 -0.87 -1.11	40.80 -0.53 0.00	46.64 -1.00 0.00
HICKLING___2 23622	44.99 -0.90 -6.13	40.46 -0.66 -8.13	41.48 -0.58 -8.30	43.50 -0.64 -7.07	47.44 -0.56 -5.41	49.24 -0.87 -0.02	68.62 -0.90 -3.91	70.40 -1.16 -13.26	48.60 -0.81 -11.25	51.38 -0.92 -4.58	41.21 -0.53 -8.00	26.48 -0.38 -10.31	19.28 -0.11 -14.43	15.49 -0.06 -13.61	34.84 -0.73 -6.38	43.71 -1.04 -3.70	51.34 -0.85 -4.02	85.63 -1.44 -6.00	91.13 -1.07 -5.15	85.34 -1.00 -7.13	71.42 -0.97 -6.18	48.67 -0.87 -1.11	40.80 -0.53 0.00	46.64 -1.00 0.00
HIGH FALLS___HY 23754	53.76 2.02 -11.98	50.56 1.64 -15.94	50.66 1.64 -15.26	49.95 1.79 -11.08	52.61 2.11 -7.91	52.45 2.36 0.00	69.17 3.55 0.00	86.22 3.17 -24.74	63.28 1.92 -23.21	50.05 2.34 0.00	51.80 1.53 -16.53	46.01 0.79 -28.67	50.96 0.20 -45.80	45.60 0.07 -43.58	42.33 1.10 -12.04	42.80 1.76 0.00	50.42 2.26 0.00	85.31 4.24 0.00	92.21 5.16 0.00	83.75 4.55 0.00	69.78 3.58 0.00	50.88 2.45 0.00	43.36 2.03 0.00	49.75 2.11 0.00
HIGH_RIVER___SOLAR 323847	56.81 1.40 -15.65	54.96 1.15 -20.82	54.86 1.16 -19.94	52.84 1.29 -14.47	54.44 1.51 -10.34	51.85 1.76 0.00	68.10 2.48 0.00	92.52 1.88 -32.33	69.43 0.95 -30.33	48.77 1.05 0.00	56.03 0.68 -21.61	54.14 0.13 -37.46	64.85 0.04 -59.84	58.90 0.01 -56.94	45.36 0.44 -15.73	41.74 0.69 0.00	49.35 1.19 0.00	84.02 2.95 0.00	90.55 3.50 0.00	82.32 3.12 0.00	68.77 2.56 0.00	50.23 1.80 0.00	42.85 1.52 0.00	49.33 1.70 0.00

HILLBURN___GT 23639	52.50 1.38 -11.36	49.21 1.11 -15.11	49.32 1.09 -14.46	48.76 1.17 -10.50	51.48 1.38 -7.50	51.56 1.47 0.00	67.91 2.29 0.00	83.89 2.13 -23.46	61.52 1.36 -22.01	49.41 1.70 0.00	50.48 1.06 -15.68	44.23 0.51 -27.18	48.52 0.14 -43.42	43.32 0.06 -41.32	41.63 1.03 -11.42	42.62 1.57 0.00	49.93 1.76 0.00	84.06 2.99 0.00	90.73 3.68 0.00	82.32 3.12 0.00	68.62 2.41 0.00	50.01 1.58 0.00	42.66 1.32 0.00	48.97 1.33 0.00
HILLSIDE_115KV_TB1 80332	44.66 -1.01 -5.90	40.06 -0.77 -7.84	41.05 -0.67 -7.96	43.03 -0.76 -6.71	47.00 -0.70 -5.11	49.02 -1.08 -0.02	67.89 -1.20 -3.48	69.59 -1.45 -12.74	48.05 -1.01 -10.90	50.73 -1.07 -4.09	40.91 -0.58 -7.75	26.42 -0.39 -10.26	19.42 -0.10 -14.56	15.64 -0.06 -13.75	34.60 -0.72 -6.13	43.31 -1.03 -3.30	50.82 -0.92 -3.58	84.51 -1.91 -5.35	90.12 -1.51 -4.59	84.13 -1.43 -6.36	70.35 -1.37 -5.50	48.23 -1.18 -0.99	40.52 -0.81 0.00	46.38 -1.26 0.00
HISHELDN_WT_PWR 323625	8.28 -3.41 28.07	-6.89 -2.64 37.23	-9.86 -2.68 40.95	-6.55 -2.91 40.72	6.55 -3.21 32.83	46.03 -3.85 0.22	19.56 -5.09 40.97	-11.31 -5.20 64.42	-13.11 -3.24 48.02	-4.50 -4.13 48.09	-3.11 -2.79 34.06	-6.64 -1.40 21.78	-8.77 -0.44 13.29	-9.64 -0.18 11.40	-4.11 -2.67 30.62	-1.55 -3.75 38.85	1.81 -4.15 42.21	11.01 -7.01 63.04	26.09 -6.85 54.10	-1.68 -5.99 74.89	-3.76 -5.11 64.86	32.97 -3.81 11.65	38.41 -2.93 0.00	43.78 -3.86 0.00
HOLTSVILLE_IC_1 23690	55.38 2.18 -13.44	51.56 1.68 -16.89	50.78 1.63 -15.39	49.93 1.68 -11.17	52.59 2.02 -7.98	52.10 2.01 0.00	67.88 2.26 0.00	85.86 2.60 -24.95	63.45 1.89 -23.41	50.37 2.66 0.00	52.09 1.67 -16.68	46.27 0.81 -28.91	51.36 0.21 -46.19	45.97 0.07 -43.95	42.81 1.48 -12.14	43.50 2.45 0.00	50.60 2.44 0.00	85.06 3.99 0.00	91.46 4.42 0.00	82.86 3.66 0.00	69.09 2.88 0.00	50.81 2.38 0.00	43.41 2.07 0.00	49.81 2.17 0.00
HOLTSVILLE_IC_10 23699	55.68 2.37 -13.55	51.77 1.83 -16.96	50.92 1.76 -15.39	50.08 1.83 -11.17	52.77 2.20 -7.98	52.32 2.23 0.00	68.16 2.54 0.00	86.16 2.90 -24.95	63.63 2.06 -23.41	50.58 2.86 0.00	52.23 1.81 -16.68	46.33 0.87 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.90 1.57 -12.14	43.67 2.62 0.00	50.80 2.64 0.00	85.48 4.41 0.00	91.96 4.91 0.00	83.27 4.06 0.00	69.41 3.20 0.00	51.04 2.61 0.00	43.58 2.25 0.00	50.00 2.36 0.00
HOLTSVILLE_IC_2 23691	55.38 2.18 -13.44	51.56 1.68 -16.89	50.78 1.63 -15.39	49.93 1.68 -11.17	52.59 2.02 -7.98	52.10 2.01 0.00	67.88 2.26 0.00	85.86 2.60 -24.95	63.45 1.89 -23.41	50.37 2.66 0.00	52.09 1.67 -16.68	46.27 0.81 -28.91	51.36 0.21 -46.19	45.97 0.07 -43.95	42.81 1.48 -12.14	43.50 2.45 0.00	50.60 2.44 0.00	85.06 3.99 0.00	91.46 4.42 0.00	82.86 3.66 0.00	69.09 2.88 0.00	50.81 2.38 0.00	43.41 2.07 0.00	49.81 2.17 0.00
HOLTSVILLE_IC_3 23692	55.38 2.18 -13.44	51.56 1.68 -16.89	50.78 1.63 -15.39	49.93 1.68 -11.17	52.59 2.02 -7.98	52.10 2.01 0.00	67.88 2.26 0.00	85.86 2.60 -24.95	63.45 1.89 -23.41	50.37 2.66 0.00	52.09 1.67 -16.68	46.27 0.81 -28.91	51.36 0.21 -46.19	45.97 0.07 -43.95	42.81 1.48 -12.14	43.50 2.45 0.00	50.60 2.44 0.00	85.06 3.99 0.00	91.46 4.42 0.00	82.86 3.66 0.00	69.09 2.88 0.00	50.81 2.38 0.00	43.41 2.07 0.00	49.81 2.17 0.00
HOLTSVILLE_IC_4 23693	55.38 2.18 -13.44	51.56 1.68 -16.89	50.78 1.63 -15.39	49.93 1.68 -11.17	52.59 2.02 -7.98	52.10 2.01 0.00	67.88 2.26 0.00	85.86 2.60 -24.95	63.45 1.89 -23.41	50.37 2.66 0.00	52.09 1.67 -16.68	46.27 0.81 -28.91	51.36 0.21 -46.19	45.97 0.07 -43.95	42.81 1.48 -12.14	43.50 2.45 0.00	50.60 2.44 0.00	85.06 3.99 0.00	91.46 4.42 0.00	82.86 3.66 0.00	69.09 2.88 0.00	50.81 2.38 0.00	43.41 2.07 0.00	49.81 2.17 0.00
HOLTSVILLE_IC_5 23694	55.38 2.18 -13.44	51.56 1.68 -16.89	50.78 1.63 -15.39	49.93 1.68 -11.17	52.59 2.02 -7.98	52.10 2.01 0.00	67.88 2.26 0.00	85.86 2.60 -24.95	63.45 1.89 -23.41	50.37 2.66 0.00	52.09 1.67 -16.68	46.27 0.81 -28.91	51.36 0.21 -46.19	45.97 0.07 -43.95	42.81 1.48 -12.14	43.50 2.45 0.00	50.60 2.44 0.00	85.06 3.99 0.00	91.46 4.42 0.00	82.86 3.66 0.00	69.09 2.88 0.00	50.81 2.38 0.00	43.41 2.07 0.00	49.81 2.17 0.00
HOLTSVILLE_IC_6 23695	55.68 2.37 -13.55	51.77 1.83 -16.96	50.92 1.76 -15.39	50.08 1.83 -11.17	52.77 2.20 -7.98	52.32 2.23 0.00	68.16 2.54 0.00	86.16 2.90 -24.95	63.63 2.06 -23.41	50.58 2.86 0.00	52.23 1.81 -16.68	46.33 0.87 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.90 1.57 -12.14	43.67 2.62 0.00	50.80 2.64 0.00	85.48 4.41 0.00	91.96 4.91 0.00	83.27 4.06 0.00	69.41 3.20 0.00	51.04 2.61 0.00	43.58 2.25 0.00	50.00 2.36 0.00
HOLTSVILLE_IC_7 23696	55.68 2.37 -13.55	51.77 1.83 -16.96	50.92 1.76 -15.39	50.08 1.83 -11.17	52.77 2.20 -7.98	52.32 2.23 0.00	68.16 2.54 0.00	86.16 2.90 -24.95	63.63 2.06 -23.41	50.58 2.86 0.00	52.23 1.81 -16.68	46.33 0.87 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.90 1.57 -12.14	43.67 2.62 0.00	50.80 2.64 0.00	85.48 4.41 0.00	91.96 4.91 0.00	83.27 4.06 0.00	69.41 3.20 0.00	51.04 2.61 0.00	43.58 2.25 0.00	50.00 2.36 0.00
HOLTSVILLE_IC_8 23697	55.68 2.37 -13.55	51.77 1.83 -16.96	50.92 1.76 -15.39	50.08 1.83 -11.17	52.77 2.20 -7.98	52.32 2.23 0.00	68.16 2.54 0.00	86.16 2.90 -24.95	63.63 2.06 -23.41	50.58 2.86 0.00	52.23 1.81 -16.68	46.33 0.87 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.90 1.57 -12.14	43.67 2.62 0.00	50.80 2.64 0.00	85.48 4.41 0.00	91.96 4.91 0.00	83.27 4.06 0.00	69.41 3.20 0.00	51.04 2.61 0.00	43.58 2.25 0.00	50.00 2.36 0.00
HOLTSVILLE_IC_9 23698	55.68 2.37 -13.55	51.77 1.83 -16.96	50.92 1.76 -15.39	50.08 1.83 -11.17	52.77 2.20 -7.98	52.32 2.23 0.00	68.16 2.54 0.00	86.16 2.90 -24.95	63.63 2.06 -23.41	50.58 2.86 0.00	52.23 1.81 -16.68	46.33 0.87 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.90 1.57 -12.14	43.67 2.62 0.00	50.80 2.64 0.00	85.48 4.41 0.00	91.96 4.91 0.00	83.27 4.06 0.00	69.41 3.20 0.00	51.04 2.61 0.00	43.58 2.25 0.00	50.00 2.36 0.00
HOMER_HL_115KV_TB2 355744	41.99 -0.24 -2.47	36.06 -0.22 -3.29	36.69 -0.22 -3.15	39.28 -0.09 -2.29	44.20 -0.02 -1.63	49.94 -0.15 0.00	65.14 -0.47 0.00	61.93 -1.49 -5.11	42.12 -0.83 -4.79	46.99 -0.73 0.00	36.95 -0.20 -3.41	22.28 -0.17 -5.91	14.34 -0.07 -9.44	10.90 -0.03 -8.98	31.26 -0.40 -2.48	40.78 -0.27 0.00	47.91 -0.26 0.00	79.44 -1.63 0.00	85.84 -1.20 0.00	78.05 -1.16 0.00	64.74 -1.47 0.00	47.29 -1.14 0.00	40.87 -0.47 0.00	46.92 -0.73 0.00
HOWARD_WT_PWR 323690	58.25 -3.56 -22.04	59.62 -2.62 -29.26	62.36 -2.76 -31.36	63.82 -2.98 -29.72	62.97 -3.21 -23.59	46.13 -4.10 -0.14	86.49 -5.03 -25.90	102.85 -5.06 -49.61	73.45 -3.39 -38.69	73.63 -4.48 -30.40	58.01 -3.19 -27.46	38.98 -1.61 -24.04	29.26 -0.52 -24.82	24.55 -0.23 -22.83	49.73 -3.13 -23.67	61.27 -4.33 -24.55	70.27 -4.57 -26.68	114.02 -6.89 -39.84	115.88 -5.36 -34.19	121.90 -4.64 -47.33	103.81 -3.40 -40.99	53.22 -2.57 -7.36	39.67 -1.67 0.00	45.30 -2.34 0.00

HQ_GEN_CEDARS 23644	46.71 4.55 -2.40	38.91 3.59 -2.34	39.56 3.45 -2.34	43.15 3.79 -2.27	48.36 4.54 -1.22	54.72 4.64 0.00	73.10 5.97 -1.51	64.94 5.13 -1.51	42.23 2.39 -1.69	51.35 2.02 -1.61	36.22 0.77 -1.71	23.63 0.26 -6.82	13.38 0.05 -8.36	9.42 0.03 -7.44	45.34 0.35 -15.80	51.68 0.48 -10.14	67.91 0.47 -19.28	91.96 0.85 -10.04	102.50 0.57 -14.88	104.17 0.60 -24.37	92.76 0.66 -25.89	53.85 0.80 -4.63	42.06 0.72 0.00	48.58 0.94 0.00
HQ_GEN_CEDARS_PROXY 323590	46.71 4.55 -2.40	38.91 3.58 -2.34	39.56 3.46 -2.34	43.14 3.79 -2.27	48.36 4.54 -1.22	54.73 4.64 0.00	73.10 5.98 -1.51	64.94 5.13 -1.51	42.23 2.39 -1.69	51.35 2.02 -1.61	36.22 0.78 -1.71	23.63 0.26 -6.82	13.38 0.05 -8.36	9.42 0.03 -7.44	45.34 0.35 -15.80	51.68 0.49 -10.14	67.91 0.46 -19.28	91.24 0.85 -9.32	102.50 0.58 -14.88	104.17 0.60 -24.37	92.76 0.66 -25.89	53.85 0.80 -4.63	42.05 0.72 0.00	48.59 0.95 0.00
HQ_GEN_IMPORT 323601	39.87 0.11 0.00	33.00 0.01 0.00	33.74 -0.02 0.00	37.07 -0.01 0.00	42.60 0.01 0.00	50.28 0.19 0.00	63.81 0.07 1.88	58.47 0.17 0.00	36.61 0.07 1.61	47.73 0.02 0.00	33.73 -0.01 0.00	17.91 0.02 -1.34	6.69 0.02 -1.71	3.48 0.01 -1.52	32.54 0.13 -3.23	43.27 0.15 -2.07	53.71 0.14 -5.41	82.78 0.11 -1.60	89.91 -0.17 -3.03	83.44 -0.04 -4.27	71.58 0.09 -5.28	49.58 0.21 -0.94	41.49 0.15 0.00	47.91 0.27 0.00
HQ_GEN_WHEEL 23651	39.87 0.11 0.00	33.00 0.01 0.00	33.74 -0.02 0.00	37.07 -0.01 0.00	42.60 0.01 0.00	50.28 0.19 0.00	63.81 0.07 1.88	58.47 0.17 0.00	36.61 0.07 1.61	47.73 0.02 0.00	33.73 -0.01 0.00	17.91 0.02 -1.34	6.69 0.02 -1.71	3.48 0.01 -1.52	32.54 0.13 -3.23	43.27 0.15 -2.07	53.71 0.14 -5.41	82.78 0.11 -1.60	89.91 -0.17 -3.03	83.44 -0.04 -4.27	71.58 0.09 -5.28	49.58 0.21 -0.94	41.49 0.15 0.00	47.91 0.27 0.00
HUDSON AVE_GT_3 23810	53.76 1.92 -12.08	50.59 1.53 -16.08	50.64 1.49 -15.39	49.86 1.61 -11.17	52.44 1.87 -7.98	52.05 1.96 0.00	68.63 3.02 0.00	86.14 2.88 -24.96	63.49 1.93 -23.41	50.23 2.52 0.00	52.09 1.67 -16.68	46.24 0.78 -28.92	51.36 0.21 -46.20	45.99 0.08 -43.96	42.85 1.52 -12.15	43.29 2.24 0.00	50.57 2.41 0.00	85.02 3.95 0.00	91.79 4.74 0.00	83.27 4.07 0.00	69.38 3.17 0.00	50.64 2.21 0.00	43.16 1.82 0.00	49.47 1.83 0.00
HUDSON AVE_GT_4 23540	53.76 1.92 -12.08	50.59 1.53 -16.08	50.64 1.49 -15.39	49.86 1.61 -11.17	52.44 1.87 -7.98	52.05 1.96 0.00	68.63 3.02 0.00	86.14 2.88 -24.96	63.49 1.93 -23.41	50.23 2.52 0.00	52.09 1.67 -16.68	46.24 0.78 -28.92	51.36 0.21 -46.20	45.99 0.08 -43.96	42.85 1.52 -12.15	43.29 2.24 0.00	50.57 2.41 0.00	85.02 3.95 0.00	91.79 4.74 0.00	83.27 4.07 0.00	69.38 3.17 0.00	50.64 2.21 0.00	43.16 1.82 0.00	49.47 1.83 0.00
HUDSON AVE_GT_5 23657	53.76 1.92 -12.08	50.59 1.53 -16.08	50.64 1.49 -15.39	49.86 1.61 -11.17	52.44 1.87 -7.98	52.05 1.96 0.00	68.63 3.02 0.00	86.14 2.88 -24.96	63.49 1.93 -23.41	50.23 2.52 0.00	52.09 1.67 -16.68	46.24 0.78 -28.92	51.36 0.21 -46.20	45.99 0.08 -43.96	42.85 1.52 -12.15	43.29 2.24 0.00	50.57 2.41 0.00	85.02 3.95 0.00	91.79 4.74 0.00	83.27 4.07 0.00	69.38 3.17 0.00	50.64 2.21 0.00	43.16 1.82 0.00	49.47 1.83 0.00
HUDSON_AVE_10 24168	53.67 1.83 -12.08	50.51 1.45 -16.08	50.57 1.41 -15.39	49.78 1.53 -11.17	52.33 1.75 -7.98	51.93 1.84 0.00	68.48 2.86 0.00	86.01 2.75 -24.96	63.40 1.83 -23.41	50.09 2.37 0.00	51.97 1.55 -16.68	46.18 0.72 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.78 1.45 -12.15	43.16 2.12 0.00	50.42 2.25 0.00	84.77 3.70 0.00	91.50 4.46 0.00	83.02 3.82 0.00	69.17 2.96 0.00	50.49 2.07 0.00	43.05 1.71 0.00	49.31 1.67 0.00
HUDSON___115KV_TB 4 355613	56.28 2.23 -14.29	53.87 1.87 -19.01	53.89 1.93 -18.20	52.45 2.16 -13.22	54.54 2.51 -9.44	53.06 2.97 0.00	69.63 4.01 0.00	91.25 3.42 -29.52	67.86 2.02 -27.69	50.16 2.44 0.00	55.07 1.60 -19.73	51.46 0.72 -34.20	59.80 0.20 -54.64	54.02 0.08 -51.99	44.78 1.23 -14.37	42.84 1.79 0.00	50.56 2.40 0.00	86.13 5.06 0.00	93.03 5.99 0.00	84.44 5.24 0.00	70.43 4.22 0.00	51.42 2.99 0.00	43.80 2.46 0.00	50.44 2.80 0.00
HUNTER MOUNT___DRP 323613	56.16 2.44 -13.96	53.59 2.03 -18.57	53.65 2.10 -17.78	52.35 2.36 -12.91	54.58 2.77 -9.22	53.43 3.34 0.00	70.14 4.52 0.00	90.96 3.82 -28.84	67.42 2.22 -27.05	50.53 2.81 0.00	54.85 1.84 -19.27	50.76 0.80 -33.41	58.57 0.23 -53.38	52.83 0.09 -50.79	44.59 1.37 -14.03	43.09 2.04 0.00	50.92 2.76 0.00	86.82 5.75 0.00	93.82 6.77 0.00	85.09 5.89 0.00	70.96 4.76 0.00	51.81 3.38 0.00	44.13 2.80 0.00	50.83 3.19 0.00
HUNTINGTON_RES_REC 323705	55.49 2.18 -13.55	51.64 1.69 -16.96	50.79 1.63 -15.39	49.90 1.64 -11.17	52.51 1.94 -7.98	52.07 1.98 0.00	67.95 2.33 0.00	85.80 2.54 -24.95	63.39 1.83 -23.41	50.27 2.55 0.00	52.06 1.64 -16.68	46.25 0.79 -28.91	51.35 0.20 -46.19	45.98 0.07 -43.95	42.80 1.47 -12.14	43.48 2.43 0.00	50.60 2.43 0.00	85.08 4.01 0.00	91.50 4.46 0.00	82.99 3.78 0.00	69.19 2.98 0.00	50.83 2.40 0.00	43.42 2.08 0.00	49.84 2.20 0.00
HUNTLEY___63 23557	35.22 -2.11 2.44	27.93 -1.83 3.22	27.94 -1.94 3.88	30.69 -1.94 4.46	36.76 -2.08 3.74	47.85 -2.21 0.03	56.29 -3.22 6.11	47.96 -4.35 5.99	31.92 -2.47 3.77	37.66 -2.87 7.18	29.39 -1.69 2.67	16.70 -0.78 -0.94	9.43 -0.24 -4.70	6.51 -0.10 -4.66	24.70 -1.68 2.81	32.85 -2.40 5.80	39.10 -2.76 6.30	66.17 -5.48 9.41	72.98 -6.00 8.08	62.55 -5.48 11.18	51.68 -4.85 9.68	43.12 -3.56 1.74	38.63 -2.71 0.00	44.31 -3.33 0.00
HUNTLEY___64 23558	35.22 -2.11 2.44	27.93 -1.83 3.22	27.94 -1.94 3.88	30.69 -1.94 4.46	36.76 -2.08 3.74	47.85 -2.21 0.03	56.29 -3.22 6.11	47.96 -4.35 5.99	31.92 -2.47 3.77	37.66 -2.87 7.18	29.39 -1.69 2.67	16.70 -0.78 -0.94	9.43 -0.24 -4.70	6.51 -0.10 -4.66	24.70 -1.68 2.81	32.85 -2.40 5.80	39.10 -2.76 6.30	66.17 -5.48 9.41	72.98 -6.00 8.08	62.55 -5.48 11.18	51.68 -4.85 9.68	43.12 -3.56 1.74	38.63 -2.71 0.00	44.31 -3.33 0.00
HUNTLEY___65 23559	35.22 -2.11 2.44	27.93 -1.83 3.22	27.94 -1.94 3.88	30.69 -1.94 4.46	36.76 -2.08 3.74	47.85 -2.21 0.03	56.29 -3.22 6.11	47.96 -4.35 5.99	31.92 -2.47 3.77	37.66 -2.87 7.18	29.39 -1.69 2.67	16.70 -0.78 -0.94	9.43 -0.24 -4.70	6.51 -0.10 -4.66	24.70 -1.68 2.81	32.85 -2.40 5.80	39.10 -2.76 6.30	66.17 -5.48 9.41	72.98 -6.00 8.08	62.55 -5.48 11.18	51.68 -4.85 9.68	43.12 -3.56 1.74	38.63 -2.71 0.00	44.31 -3.33 0.00
HUNTLEY___66 23560	35.22 -2.11 2.44	27.93 -1.83 3.22	27.94 -1.94 3.88	30.69 -1.94 4.46	36.76 -2.08 3.74	47.85 -2.21 0.03	56.29 -3.22 6.11	47.96 -4.35 5.99	31.92 -2.47 3.77	37.66 -2.87 7.18	29.39 -1.69 2.67	16.70 -0.78 -0.94	9.43 -0.24 -4.70	6.51 -0.10 -4.66	24.70 -1.68 2.81	32.85 -2.40 5.80	39.10 -2.76 6.30	66.17 -5.48 9.41	72.98 -6.00 8.08	62.55 -5.48 11.18	51.68 -4.85 9.68	43.12 -3.56 1.74	38.63 -2.71 0.00	44.31 -3.33 0.00

HUNTLEY___67 23561	35.42 -2.15 2.20	28.23 -1.84 2.91	28.27 -1.95 3.54	31.01 -1.94 4.13	37.03 -2.07 3.48	47.76 -2.29 0.03	56.49 -3.30 5.82	48.48 -4.37 5.45	32.29 -2.51 3.35	37.96 -2.92 6.84	29.68 -1.70 2.37	16.93 -0.80 -1.19	9.67 -0.24 -4.95	6.74 -0.10 -4.89	24.90 -1.73 2.56	33.18 -2.34 5.53	39.48 -2.69 6.00	66.62 -5.48 8.97	73.35 -6.00 7.70	63.06 -5.50 10.65	52.08 -4.90 9.23	43.17 -3.60 1.66	38.60 -2.74 0.00	44.32 -3.32 0.00
HUNTLEY___68 23562	35.42 -2.15 2.20	28.23 -1.84 2.91	28.27 -1.95 3.54	31.01 -1.94 4.13	37.03 -2.07 3.48	47.76 -2.29 0.03	56.49 -3.30 5.82	48.48 -4.37 5.45	32.29 -2.51 3.35	37.96 -2.92 6.84	29.68 -1.70 2.37	16.93 -0.80 -1.19	9.67 -0.24 -4.95	6.74 -0.10 -4.89	24.90 -1.73 2.56	33.18 -2.34 5.53	39.48 -2.69 6.00	66.62 -5.48 8.97	73.35 -6.00 7.70	63.06 -5.50 10.65	52.08 -4.90 9.23	43.17 -3.60 1.66	38.60 -2.74 0.00	44.32 -3.32 0.00
HYLAND___LFG 323620	63.01 -0.22 -23.47	64.05 -0.08 -31.14	67.14 -0.11 -33.48	68.97 -0.03 -31.91	68.10 0.12 -25.39	50.46 0.22 -0.15	94.73 0.76 -28.35	111.19 -0.04 -52.93	79.08 -0.13 -41.06	79.31 -1.69 -33.28	61.73 -1.15 -29.14	40.68 -0.60 -24.73	29.36 -0.22 -24.63	24.41 -0.11 -22.57	52.80 -1.63 -25.24	65.93 -2.00 -26.88	75.39 -1.99 -29.20	123.49 -1.19 -43.62	124.71 0.23 -37.43	131.54 0.52 -51.82	111.51 0.42 -44.87	56.57 0.08 -8.06	41.56 0.22 0.00	47.45 -0.19 0.00
INDECK___CORINTH 23802	58.76 3.93 -15.06	56.28 3.25 -20.04	56.07 3.11 -19.19	54.54 3.53 -13.93	56.79 4.25 -9.95	55.15 5.06 0.00	72.32 6.71 0.00	95.46 6.04 -31.12	70.83 3.49 -29.19	51.71 4.00 0.00	57.54 3.00 -20.79	53.98 1.38 -36.05	62.99 0.43 -57.60	56.91 0.16 -54.81	46.73 2.39 -15.14	44.66 3.61 0.00	52.84 4.68 0.00	89.38 8.31 0.00	96.33 9.28 0.00	87.22 8.02 0.00	72.57 6.36 0.00	52.74 4.31 0.00	44.64 3.30 0.00	51.34 3.69 0.00
INDECK___ILION 23567	40.25 0.29 -0.20	33.48 0.23 -0.26	34.28 0.26 -0.25	37.55 0.28 -0.18	43.04 0.32 -0.13	50.42 0.33 0.00	66.13 0.51 0.00	59.08 0.36 -0.41	38.65 0.11 -0.39	47.79 0.07 0.00	33.98 -0.03 -0.27	16.98 -0.02 -0.46	5.68 -0.01 -0.73	2.63 -0.01 -0.70	29.38 0.00 -0.19	41.20 0.15 0.00	48.54 0.38 0.00	82.07 1.00 0.00	88.31 1.27 0.00	80.28 1.08 0.00	67.02 0.82 0.00	48.93 0.50 0.00	41.81 0.47 0.00	48.17 0.53 0.00
INDECK___OLEAN 23982	42.02 -0.22 -2.47	36.10 -0.18 -3.29	36.73 -0.18 -3.15	39.31 -0.06 -2.29	44.21 -0.01 -1.63	49.95 -0.14 0.00	65.20 -0.42 0.00	61.96 -1.45 -5.11	42.15 -0.80 -4.79	47.05 -0.66 0.00	36.98 -0.17 -3.41	22.28 -0.17 -5.91	14.34 -0.07 -9.44	10.90 -0.03 -8.98	31.31 -0.36 -2.48	40.84 -0.20 0.00	47.96 -0.21 0.00	79.49 -1.58 0.00	85.90 -1.15 0.00	78.08 -1.13 0.00	64.78 -1.43 0.00	47.28 -1.15 0.00	40.87 -0.47 0.00	46.92 -0.73 0.00
INDECK___OSWEGO 23783	40.99 -0.06 -1.28	34.71 0.02 -1.71	35.47 0.07 -1.63	38.28 0.02 -1.19	43.46 0.03 -0.85	50.12 0.03 0.00	66.02 0.40 0.00	61.19 0.23 -2.65	40.84 0.20 -2.49	47.95 0.23 0.00	35.65 0.14 -1.76	19.53 -0.04 -3.03	9.76 -0.03 -4.83	6.53 -0.02 -4.60	29.59 -0.87 -1.27	39.46 -1.58 0.00	46.38 -1.79 0.00	78.27 -2.80 0.00	84.13 -2.91 0.00	76.53 -2.67 0.00	63.92 -2.29 0.00	46.64 -1.79 0.00	39.84 -1.49 0.00	45.83 -1.81 0.00
INDECK___YERKES 23781	35.28 -2.04 2.44	28.01 -1.75 3.22	28.03 -1.86 3.88	30.78 -1.85 4.46	36.84 -2.01 3.74	47.90 -2.16 0.03	56.40 -3.10 6.11	48.07 -4.25 5.99	31.99 -2.39 3.77	37.81 -2.73 7.18	29.46 -1.62 2.67	16.72 -0.77 -0.94	9.43 -0.23 -4.70	6.51 -0.10 -4.66	24.79 -1.59 2.81	32.97 -2.28 5.80	39.20 -2.67 6.30	66.31 -5.35 9.41	73.10 -5.87 8.08	62.67 -5.35 11.18	51.79 -4.74 9.68	43.19 -3.50 1.74	38.67 -2.67 0.00	44.35 -3.29 0.00
INDIAN POINT_GT_1 24139	53.39 1.59 -12.04	50.28 1.28 -16.01	50.35 1.25 -15.33	49.56 1.35 -11.13	52.12 1.58 -7.95	51.77 1.68 0.00	68.15 2.53 0.00	85.58 2.41 -24.86	63.04 1.57 -23.32	49.71 1.99 0.00	51.64 1.28 -16.62	45.96 0.61 -28.81	51.15 0.16 -46.02	45.81 0.07 -43.79	42.49 1.21 -12.10	42.89 1.84 0.00	50.25 2.08 0.00	84.58 3.51 0.00	91.26 4.21 0.00	82.83 3.63 0.00	69.03 2.82 0.00	50.36 1.93 0.00	42.93 1.60 0.00	49.30 1.66 0.00
INDIAN POINT_GT_2 23659	53.39 1.59 -12.04	50.28 1.28 -16.01	50.35 1.25 -15.33	49.56 1.35 -11.13	52.12 1.58 -7.95	51.77 1.68 0.00	68.15 2.53 0.00	85.58 2.41 -24.86	63.04 1.57 -23.32	49.71 1.99 0.00	51.64 1.28 -16.62	45.96 0.61 -28.81	51.15 0.16 -46.02	45.81 0.07 -43.79	42.49 1.21 -12.10	42.89 1.84 0.00	50.25 2.08 0.00	84.58 3.51 0.00	91.26 4.21 0.00	82.83 3.63 0.00	69.03 2.82 0.00	50.36 1.93 0.00	42.93 1.60 0.00	49.30 1.66 0.00
INDIAN POINT_GT_3 24019	53.39 1.59 -12.04	50.28 1.28 -16.01	50.35 1.25 -15.33	49.56 1.35 -11.13	52.12 1.58 -7.95	51.77 1.68 0.00	68.15 2.53 0.00	85.58 2.41 -24.86	63.04 1.57 -23.32	49.71 1.99 0.00	51.64 1.28 -16.62	45.96 0.61 -28.81	51.15 0.16 -46.02	45.81 0.07 -43.79	42.49 1.21 -12.10	42.89 1.84 0.00	50.25 2.08 0.00	84.58 3.51 0.00	91.26 4.21 0.00	82.83 3.63 0.00	69.03 2.82 0.00	50.36 1.93 0.00	42.93 1.60 0.00	49.30 1.66 0.00
INDIAN POINT___2 23530	53.50 1.66 -12.08	50.38 1.33 -16.07	50.45 1.29 -15.39	49.65 1.39 -11.17	52.20 1.63 -7.98	51.81 1.72 0.00	68.21 2.59 0.00	85.72 2.46 -24.95	63.20 1.63 -23.41	49.83 2.11 0.00	51.80 1.38 -16.68	46.11 0.65 -28.91	51.32 0.17 -46.19	45.97 0.07 -43.95	42.60 1.27 -12.14	42.97 1.92 0.00	50.28 2.11 0.00	84.61 3.54 0.00	91.27 4.22 0.00	82.84 3.63 0.00	69.03 2.82 0.00	50.40 1.97 0.00	42.97 1.63 0.00	49.32 1.68 0.00
INDIAN POINT___3 23531	53.09 1.44 -11.88	49.96 1.16 -15.81	50.04 1.13 -15.14	49.29 1.22 -10.99	51.88 1.44 -7.85	51.60 1.52 0.00	67.93 2.31 0.00	85.02 2.17 -24.55	62.59 1.41 -23.03	49.51 1.79 0.00	51.29 1.14 -16.40	45.52 0.54 -28.44	50.54 0.14 -45.44	45.24 0.06 -43.24	42.23 1.09 -11.95	42.70 1.65 0.00	49.99 1.83 0.00	84.17 3.11 0.00	90.82 3.77 0.00	82.40 3.20 0.00	68.69 2.48 0.00	50.11 1.69 0.00	42.74 1.40 0.00	49.07 1.43 0.00
INGHAM_C_115KV_TB7 356103	40.39 0.44 -0.20	33.57 0.32 -0.26	34.40 0.38 -0.25	37.66 0.40 -0.18	43.16 0.44 -0.13	50.54 0.45 0.00	66.28 0.66 0.00	59.09 0.38 -0.41	38.43 -0.11 -0.39	47.49 -0.23 0.00	33.72 -0.29 -0.27	16.80 -0.21 -0.46	5.62 -0.07 -0.73	2.61 -0.04 -0.70	29.11 -0.27 -0.19	40.98 -0.07 0.00	48.53 0.37 0.00	82.55 1.48 0.00	89.01 1.96 0.00	80.85 1.65 0.00	67.38 1.17 0.00	49.16 0.73 0.00	42.05 0.71 0.00	48.42 0.78 0.00
IP CORINTH___1 23988	58.76 3.93 -15.06	56.28 3.25 -20.04	56.07 3.11 -19.19	54.53 3.52 -13.93	56.79 4.25 -9.95	55.15 5.06 0.00	72.32 6.71 0.00	95.46 6.04 -31.12	70.83 3.49 -29.19	51.72 4.00 0.00	57.54 3.01 -20.79	53.98 1.38 -36.05	62.99 0.43 -57.60	56.91 0.16 -54.81	46.73 2.40 -15.14	44.67 3.62 0.00	52.84 4.67 0.00	89.38 8.31 0.00	96.34 9.29 0.00	87.22 8.02 0.00	72.57 6.36 0.00	52.73 4.30 0.00	44.64 3.30 0.00	51.34 3.70 0.00

IP__TICONDEROGA 23804	60.97 6.15 -15.06	58.09 5.07 -20.03	57.63 4.69 -19.18	56.27 5.26 -13.92	59.00 6.46 -9.95	57.78 7.69 0.00	75.56 9.94 0.00	98.58 9.18 -31.10	72.49 5.16 -29.17	53.20 5.49 0.00	58.73 4.21 -20.78	54.56 1.99 -36.03	63.15 0.62 -57.56	56.96 0.23 -54.78	47.96 3.64 -15.13	46.55 5.50 0.00	55.11 6.94 0.00	92.89 11.82 0.00	100.15 13.11 0.00	90.60 11.39 0.00	75.00 8.79 0.00	55.02 6.60 0.00	46.75 5.42 0.00	53.65 6.01 0.00
ISLIP_RES_REC 323679	55.90 2.52 -13.62	51.93 1.93 -17.00	51.03 1.88 -15.39	50.21 1.95 -11.17	52.92 2.36 -7.98	52.51 2.42 0.00	68.44 2.83 0.00	86.41 3.15 -24.95	63.77 2.21 -23.41	50.74 3.02 0.00	52.35 1.94 -16.68	46.38 0.93 -28.91	51.39 0.24 -46.19	45.98 0.08 -43.95	43.00 1.66 -12.14	43.82 2.77 0.00	51.00 2.84 0.00	85.86 4.79 0.00	92.35 5.31 0.00	83.59 4.38 0.00	69.68 3.47 0.00	51.23 2.80 0.00	43.75 2.41 0.00	50.16 2.52 0.00
JAMAICA__27_KV_LOAD 355505	53.97 2.12 -12.08	50.78 1.71 -16.08	50.86 1.70 -15.39	50.10 1.84 -11.17	52.60 2.03 -7.98	52.36 2.27 0.00	69.04 3.42 0.00	86.53 3.26 -24.96	63.67 2.10 -23.41	50.41 2.69 0.00	52.14 1.72 -16.68	46.27 0.80 -28.92	51.38 0.22 -46.20	46.00 0.09 -43.96	42.99 1.66 -12.15	43.41 2.36 0.00	50.68 2.52 0.00	85.27 4.20 0.00	92.01 4.96 0.00	83.43 4.23 0.00	69.56 3.35 0.00	50.75 2.33 0.00	43.32 1.99 0.00	49.53 1.89 0.00
JANIS__SOLAR 323808	45.10 0.48 -4.86	39.92 0.47 -6.46	40.73 0.53 -6.43	42.86 0.59 -5.19	47.30 0.82 -3.88	51.07 0.97 -0.01	69.35 1.80 -1.93	70.10 1.45 -10.34	48.20 0.93 -9.11	50.95 0.96 -2.27	40.63 0.40 -6.48	26.02 0.00 -9.47	19.06 -0.02 -14.11	15.29 -0.03 -13.37	33.54 -0.64 -4.99	42.01 -0.87 -1.83	49.91 -0.25 -1.99	85.02 0.98 -2.97	92.03 2.43 -2.55	85.34 2.61 -3.53	71.77 2.51 -3.06	50.85 1.88 -0.55	42.83 1.50 0.00	48.93 1.29 0.00
JARVIS____ 23743	40.15 0.19 -0.20	33.41 0.16 -0.26	34.19 0.17 -0.25	37.45 0.18 -0.18	42.90 0.19 -0.13	50.25 0.15 0.00	65.89 0.27 0.00	58.95 0.24 -0.41	38.70 0.16 -0.39	47.88 0.17 0.00	34.09 0.08 -0.27	17.06 0.05 -0.46	5.70 0.01 -0.73	2.64 0.00 -0.70	29.48 0.11 -0.19	41.24 0.20 0.00	48.40 0.24 0.00	81.55 0.49 0.00	87.68 0.63 0.00	79.75 0.54 0.00	66.65 0.44 0.00	48.72 0.30 0.00	41.58 0.25 0.00	47.91 0.27 0.00
JENNISON__1 23625	43.64 -0.43 -4.31	38.42 -0.29 -5.73	39.01 -0.24 -5.48	40.79 -0.27 -3.98	45.29 -0.14 -2.84	49.85 0.22 0.00	65.83 0.22 0.00	67.39 0.19 -8.89	46.67 0.17 -8.34	47.85 0.14 0.00	39.65 -0.04 -5.94	26.73 -0.11 -10.30	21.36 -0.05 -16.45	17.57 -0.03 -15.65	32.84 -0.67 -4.32	40.08 -0.97 0.00	47.72 -0.44 0.00	80.91 -0.15 0.00	88.12 1.08 0.00	80.99 1.79 0.00	68.19 1.98 0.00	49.96 1.53 0.00	42.49 1.16 0.00	48.49 0.85 0.00
JENNISON__2 23626	43.64 -0.43 -4.31	38.42 -0.29 -5.73	39.01 -0.24 -5.48	40.79 -0.27 -3.98	45.29 -0.14 -2.84	49.85 0.22 0.00	65.83 0.22 0.00	67.39 0.19 -8.89	46.67 0.17 -8.34	47.85 0.14 0.00	39.65 -0.04 -5.94	26.73 -0.11 -10.30	21.36 -0.05 -16.45	17.57 -0.03 -15.65	32.84 -0.67 -4.32	40.08 -0.97 0.00	47.72 -0.44 0.00	80.91 -0.15 0.00	88.12 1.08 0.00	80.99 1.79 0.00	68.19 1.98 0.00	49.96 1.53 0.00	42.49 1.16 0.00	48.49 0.85 0.00
JERICHO_RISE_WT_PWR 323719	43.20 -0.54 -3.98	35.92 -0.60 -3.53	36.65 -0.69 -3.58	40.15 -0.72 -3.79	43.70 -0.77 -1.88	49.43 -0.66 0.00	67.64 -1.10 -3.13	58.61 -0.76 -1.07	38.99 -0.74 -1.57	49.92 -1.14 -3.34	35.63 -0.92 -2.81	-6.83 -0.39 22.98	-25.73 -0.10 30.59	-25.28 -0.03 27.20	-29.27 -0.53 57.92	3.06 -0.78 37.22	-23.47 -0.90 70.74	42.84 -1.40 36.83	30.58 -1.89 54.58	-11.81 -1.63 89.39	-29.97 -1.29 94.88	31.03 -0.62 16.79	40.90 -0.44 0.00	47.65 0.01 0.00
KATONAH__115KV_46KV_TB4 355592	53.84 1.90 -12.18	50.72 1.54 -16.20	50.79 1.51 -15.51	49.99 1.64 -11.26	52.56 1.93 -8.04	52.23 2.15 0.00	68.79 3.17 0.00	86.43 2.97 -25.15	63.65 1.90 -23.60	50.11 2.39 0.00	52.13 1.58 -16.81	46.44 0.75 -29.14	51.73 0.21 -46.56	46.33 0.08 -44.31	42.85 1.42 -12.24	43.19 2.14 0.00	50.59 2.43 0.00	85.27 4.20 0.00	91.99 4.94 0.00	83.50 4.30 0.00	69.58 3.37 0.00	50.76 2.33 0.00	43.26 1.92 0.00	49.64 2.00 0.00
KCE_NY_1 323755	57.47 2.61 -15.09	55.26 2.19 -20.08	55.18 2.18 -19.23	53.47 2.43 -13.96	55.44 2.88 -9.97	53.46 3.37 0.00	70.10 4.49 0.00	93.35 3.86 -31.18	69.57 2.17 -29.25	50.32 2.60 0.00	56.52 1.95 -20.84	53.51 0.84 -36.12	62.94 0.27 -57.71	56.96 0.10 -54.92	45.94 1.58 -15.17	43.55 2.50 0.00	51.34 3.17 0.00	86.77 5.70 0.00	93.41 6.36 0.00	84.80 5.60 0.00	70.65 4.45 0.00	51.36 2.93 0.00	43.57 2.24 0.00	50.23 2.59 0.00
KCE_NY_6_ESR 323823	36.82 -1.49 1.45	29.78 -1.28 1.92	29.93 -1.36 2.48	32.63 -1.33 3.12	38.56 -1.35 2.68	48.62 -1.44 0.03	58.57 -2.13 4.93	51.25 -3.29 3.77	34.24 -1.86 2.05	39.90 -2.04 5.78	31.20 -1.10 1.44	17.98 -0.55 -1.98	10.54 -0.17 -5.75	7.49 -0.08 -5.62	26.24 -1.20 1.75	34.76 -1.61 4.68	41.32 -1.76 5.08	69.58 -3.90 7.59	76.42 -4.12 6.51	66.39 -3.80 9.01	54.87 -3.53 7.80	44.40 -2.63 1.40	39.41 -1.93 0.00	45.17 -2.47 0.00
KEDC_PORT_JEFF_GT2 24210	55.60 2.33 -13.51	51.72 1.79 -16.93	50.89 1.73 -15.39	50.04 1.79 -11.17	52.71 2.15 -7.98	52.26 2.17 0.00	68.11 2.50 0.00	86.10 2.84 -24.95	63.59 2.03 -23.41	50.53 2.81 0.00	52.20 1.78 -16.68	46.32 0.86 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.88 1.55 -12.14	43.63 2.58 0.00	50.75 2.59 0.00	85.40 4.33 0.00	91.91 4.86 0.00	83.21 4.00 0.00	69.36 3.15 0.00	51.01 2.58 0.00	43.55 2.22 0.00	49.97 2.33 0.00
KEDC_PORT_JEFF_GT3 24211	55.60 2.33 -13.51	51.72 1.79 -16.93	50.89 1.73 -15.39	50.04 1.79 -11.17	52.71 2.15 -7.98	52.26 2.17 0.00	68.11 2.50 0.00	86.10 2.84 -24.95	63.59 2.03 -23.41	50.53 2.81 0.00	52.20 1.78 -16.68	46.32 0.86 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.88 1.55 -12.14	43.63 2.58 0.00	50.75 2.59 0.00	85.40 4.33 0.00	91.91 4.86 0.00	83.21 4.00 0.00	69.36 3.15 0.00	51.01 2.58 0.00	43.55 2.22 0.00	49.97 2.33 0.00
KEDC_GLWD_GT4 24219	60.32 2.27 -18.30	54.60 1.78 -19.84	50.87 1.71 -15.39	50.05 1.80 -11.17	52.71 2.14 -7.98	52.37 2.28 0.00	68.66 3.05 0.00	86.31 3.05 -24.95	63.65 2.08 -23.41	50.49 2.77 0.00	52.28 1.86 -16.68	46.36 0.91 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.01 1.68 -12.14	43.68 2.63 0.00	50.98 2.82 0.00	85.65 4.58 0.00	92.23 5.18 0.00	83.73 4.53 0.00	69.78 3.57 0.00	51.08 2.66 0.00	43.55 2.21 0.00	49.99 2.35 0.00
KEDC_GLWD_GT5 24220	60.32 2.27 -18.30	54.60 1.78 -19.84	50.87 1.71 -15.39	50.05 1.80 -11.17	52.71 2.14 -7.98	52.37 2.28 0.00	68.66 3.05 0.00	86.31 3.05 -24.95	63.65 2.08 -23.41	50.49 2.77 0.00	52.28 1.86 -16.68	46.36 0.91 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.01 1.68 -12.14	43.68 2.63 0.00	50.98 2.82 0.00	85.65 4.58 0.00	92.23 5.18 0.00	83.73 4.53 0.00	69.78 3.57 0.00	51.08 2.66 0.00	43.55 2.21 0.00	49.99 2.35 0.00

KENSICO____ 23655	53.47 1.65 -12.06	50.35 1.32 -16.04	50.41 1.28 -15.36	49.62 1.39 -11.15	52.18 1.63 -7.96	51.81 1.72 0.00	68.21 2.60 0.00	85.67 2.46 -24.91	63.15 1.63 -23.37	49.80 2.09 0.00	51.75 1.36 -16.65	46.04 0.64 -28.86	51.24 0.17 -46.11	45.89 0.07 -43.87	42.57 1.27 -12.12	42.96 1.91 0.00	50.27 2.11 0.00	84.61 3.54 0.00	91.26 4.21 0.00	82.83 3.63 0.00	69.02 2.82 0.00	50.39 1.96 0.00	42.95 1.62 0.00	49.32 1.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.41 2.15 -11.49	50.02 1.75 -15.29	50.17 1.76 -14.64	49.64 1.93 -10.63	52.44 2.26 -7.59	52.67 2.58 0.00	69.43 3.81 0.00	85.41 3.37 -23.74	62.43 2.01 -22.27	50.20 2.48 0.00	51.22 1.62 -15.86	44.88 0.83 -27.50	49.11 0.21 -43.94	43.83 0.07 -41.81	41.90 1.16 -11.55	42.88 1.83 0.00	50.53 2.37 0.00	85.56 4.49 0.00	92.49 5.44 0.00	84.01 4.80 0.00	69.99 3.78 0.00	51.03 2.61 0.00	43.49 2.15 0.00	49.93 2.29 0.00
KIAC_JFK_GT1 23816	53.71 1.86 -12.08	50.57 1.51 -16.08	50.64 1.48 -15.39	49.85 1.60 -11.17	52.34 1.77 -7.98	51.96 1.87 0.00	68.33 2.71 0.00	85.90 2.63 -24.96	63.28 1.71 -23.41	49.89 2.18 0.00	51.79 1.37 -16.68	46.12 0.66 -28.92	51.33 0.17 -46.20	45.98 0.07 -43.96	42.74 1.41 -12.15	42.98 1.93 0.00	50.17 2.01 0.00	84.38 3.32 0.00	91.05 4.00 0.00	82.58 3.37 0.00	68.84 2.63 0.00	50.25 1.82 0.00	43.05 1.71 0.00	49.24 1.60 0.00
KIAC_JFK_GT2 23817	53.71 1.86 -12.08	50.57 1.51 -16.08	50.64 1.48 -15.39	49.85 1.60 -11.17	52.34 1.77 -7.98	51.96 1.87 0.00	68.33 2.71 0.00	85.90 2.63 -24.96	63.28 1.71 -23.41	49.89 2.18 0.00	51.79 1.37 -16.68	46.12 0.66 -28.92	51.33 0.17 -46.20	45.98 0.07 -43.96	42.74 1.41 -12.15	42.98 1.93 0.00	50.17 2.01 0.00	84.38 3.32 0.00	91.05 4.00 0.00	82.58 3.37 0.00	68.84 2.63 0.00	50.25 1.82 0.00	43.05 1.71 0.00	49.24 1.60 0.00
KIAC_JFK____ 323774	53.71 1.87 -12.08	50.57 1.51 -16.08	50.64 1.48 -15.39	49.86 1.60 -11.17	52.34 1.77 -7.98	51.96 1.87 0.00	68.31 2.70 0.00	85.88 2.62 -24.96	63.27 1.70 -23.41	49.88 2.16 0.00	51.79 1.37 -16.68	46.12 0.66 -28.92	51.33 0.17 -46.20	45.98 0.07 -43.96	42.72 1.39 -12.15	42.96 1.91 0.00	50.17 2.00 0.00	84.38 3.31 0.00	91.04 3.99 0.00	82.55 3.35 0.00	68.82 2.62 0.00	50.25 1.82 0.00	43.05 1.71 0.00	49.24 1.60 0.00
KINTIGH____ 23543	36.09 -2.15 1.52	29.16 -1.81 2.01	29.33 -1.91 2.52	32.08 -1.94 3.06	37.84 -2.14 2.61	47.61 -2.45 0.02	57.64 -3.38 4.60	50.25 -4.20 3.86	33.50 -2.42 2.23	39.48 -2.83 5.40	30.46 -1.71 1.57	17.20 -0.80 -1.45	9.45 -0.24 -4.74	6.49 -1.77 -4.65	25.61 -2.35 1.81	34.33 -2.73 4.37	40.69 -5.43 4.75	68.55 -7.09 7.09	74.96 -6.00 6.08	65.31 -5.47 8.42	54.09 -4.83 7.29	43.52 -3.60 1.31	38.53 -2.81 0.00	44.27 -3.37 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	72.32 -0.59 -33.14	61.84 -0.61 -29.46	62.92 -0.69 -29.85	67.91 -0.77 -31.60	57.48 -0.80 -15.69	49.50 -0.59 0.00	90.69 -0.99 -26.06	66.70 -0.56 -8.95	50.47 -0.80 -13.11	74.26 -1.33 -27.87	56.24 -1.07 -23.57	4.51 -0.43 11.61	-21.63 -0.10 26.49	-21.63 -0.03 23.56	-21.54 -0.57 50.16	8.04 -0.78 32.23	-13.88 -0.79 61.25	48.37 -0.81 31.89	38.51 -1.28 47.27	0.61 -1.19 77.41	-16.06 -0.93 81.34	34.89 -0.40 13.14	41.26 -0.07 0.00	48.36 0.72 0.00
LACHUTE____HYDRO 323717	60.97 6.16 -15.06	58.09 5.07 -20.03	57.64 4.69 -19.18	56.27 5.26 -13.92	59.00 6.47 -9.95	57.78 7.69 0.00	75.56 9.94 0.00	98.59 9.18 -31.10	72.49 5.16 -29.17	53.20 5.48 0.00	58.73 4.21 -20.78	54.56 1.99 -36.03	63.15 0.62 -57.56	56.96 0.23 -54.78	47.96 3.64 -15.13	46.54 5.49 0.00	55.11 6.94 0.00	92.88 11.81 0.00	100.15 13.10 0.00	90.59 11.38 0.00	75.00 8.79 0.00	55.03 6.60 0.00	46.76 5.42 0.00	53.65 6.00 0.00
LAWRNCV_115KV_TB1 80681	45.96 3.80 -2.40	38.30 2.97 -2.34	38.94 2.83 -2.34	42.45 3.10 -2.27	47.56 3.75 -1.22	53.81 3.72 0.00	71.88 4.75 -1.51	63.89 4.08 -1.51	41.53 1.68 -1.69	50.45 1.13 -1.61	35.59 0.15 -1.71	28.52 0.02 -11.95	20.04 -0.02 -15.09	15.42 0.01 -13.47	56.34 -0.08 -27.24	58.28 -0.12 -17.35	80.91 -0.23 -32.98	98.17 -0.06 -17.17	112.19 -0.30 -25.45	120.67 -0.21 -41.68	110.46 -0.03 -44.29	56.73 0.40 -7.91	41.82 0.49 0.00	48.29 0.66 0.00
LEDERLE____ 23769	52.81 1.53 -11.52	49.54 1.23 -15.33	49.64 1.20 -14.68	49.03 1.30 -10.65	51.74 1.54 -7.61	51.74 1.65 0.00	68.15 2.54 0.00	84.42 2.32 -23.80	61.98 1.50 -22.32	49.60 1.89 0.00	50.85 1.21 -15.90	44.69 0.57 -27.57	49.16 0.15 -44.05	43.92 0.06 -41.91	41.92 1.15 -11.58	42.79 1.75 0.00	50.14 1.98 0.00	84.41 3.34 0.00	91.09 4.04 0.00	82.64 3.44 0.00	68.90 2.69 0.00	50.22 1.79 0.00	42.83 1.49 0.00	49.15 1.51 0.00
LIGHTHSE_115KV_TB6 355974	40.59 -0.33 -1.16	34.29 -0.25 -1.54	35.00 -0.24 -1.48	37.82 -0.33 -1.07	43.05 -0.30 -0.77	49.74 -0.34 0.00	65.54 -0.07 0.00	60.51 -0.19 -2.40	40.32 -0.08 -2.25	47.36 -0.36 0.00	34.93 -0.40 -1.59	20.39 -0.26 -4.10	10.95 -0.11 -6.09	7.59 -0.05 -5.69	32.32 -1.08 -4.21	41.25 -1.69 -1.89	49.96 -1.79 -3.59	80.83 -2.10 -1.87	87.77 -2.05 -2.77	81.87 -1.88 -4.54	69.50 -1.54 -4.82	47.99 -1.30 -0.86	40.26 -1.08 0.00	46.20 -1.44 0.00
LINDEN COGEN____ 23786	53.38 1.53 -12.08	50.28 1.22 -16.08	50.32 1.17 -15.39	49.51 1.26 -11.17	52.05 1.48 -7.98	51.59 1.50 0.00	68.04 2.43 0.00	85.57 2.31 -24.96	63.12 1.56 -23.41	49.74 2.03 0.00	51.69 1.31 -16.63	46.07 0.61 -28.92	51.31 0.16 -46.20	45.97 0.07 -43.96	42.55 1.22 -12.15	42.86 1.81 0.00	50.06 1.89 0.00	84.19 3.12 0.00	90.94 3.89 0.00	82.48 3.27 0.00	68.71 2.50 0.00	49.74 1.73 0.41	42.77 1.43 0.00	49.03 1.39 0.00
LINDHRST_69_KV_BK1 356055	57.79 2.55 -15.48	53.10 1.98 -18.13	51.06 1.91 -15.39	50.23 1.98 -11.17	52.93 2.36 -7.98	52.56 2.47 0.00	68.71 3.09 0.00	86.52 3.26 -24.95	63.79 2.23 -23.41	50.68 2.97 0.00	52.37 1.95 -16.68	46.40 0.95 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.07 1.74 -12.14	43.86 2.81 0.00	51.17 3.00 0.00	85.95 4.88 0.00	92.41 5.37 0.00	83.97 4.77 0.00	69.99 3.78 0.00	51.36 2.93 0.00	43.79 2.46 0.00	50.24 2.60 0.00
LIPA_MISC_IPP 23656	55.30 2.09 -13.46	51.47 1.58 -16.90	50.67 1.51 -15.39	49.81 1.56 -11.17	52.49 1.92 -7.98	51.91 1.82 0.00	67.53 1.91 0.00	85.71 2.45 -24.95	63.38 1.82 -23.41	50.31 2.60 0.00	52.03 1.61 -16.68	46.24 0.78 -28.91	51.34 0.19 -46.19	45.97 0.07 -43.95	42.70 1.37 -12.14	43.38 2.33 0.00	50.34 2.18 0.00	84.69 3.62 0.00	91.13 4.08 0.00	82.37 3.17 0.00	68.65 2.44 0.00	50.58 2.16 0.00	43.25 1.91 0.00	49.64 2.00 0.00
LISF____SOLAR 323691	55.40 2.16 -13.48	51.55 1.64 -16.92	50.73 1.58 -15.39	49.88 1.62 -11.17	52.57 2.00 -7.98	52.02 1.93 0.00	67.66 2.04 0.00	85.80 2.54 -24.95	63.42 1.86 -23.41	50.35 2.63 0.00	52.05 1.63 -16.68	46.25 0.79 -28.91	51.35 0.19 -46.19	45.97 0.07 -43.95	42.70 1.38 -12.14	43.40 2.36 0.00	50.41 2.24 0.00	84.86 3.79 0.00	91.33 4.29 0.00	82.53 3.33 0.00	68.78 2.57 0.00	50.69 2.26 0.00	43.32 1.99 0.00	49.73 2.09 0.00

LITTLE FALLS___HYD 24013	40.39 0.44 -0.20	33.57 0.32 -0.26	34.40 0.38 -0.25	37.66 0.40 -0.18	43.16 0.44 -0.13	50.54 0.45 0.00	66.28 0.66 0.00	59.09 0.38 -0.41	38.43 -0.11 -0.39	47.49 -0.23 0.00	33.72 -0.29 -0.27	16.80 -0.21 -0.46	5.62 -0.07 -0.73	2.61 -0.04 -0.70	29.11 -0.27 -0.19	40.98 -0.07 0.00	48.53 0.37 0.00	82.55 1.48 0.00	89.01 1.96 0.00	80.85 1.65 0.00	67.38 1.17 0.00	49.16 0.73 0.00	42.05 0.71 0.00	48.42 0.78 0.00
LITTLRIV_115KV_TB1 356100	46.72 4.56 -2.40	38.93 3.60 -2.34	39.58 3.47 -2.34	43.15 3.79 -2.27	48.40 4.59 -1.22	54.87 4.78 0.00	73.45 6.33 -1.51	65.14 5.33 -1.51	41.96 2.12 -1.69	50.79 1.46 -1.61	35.66 0.29 -1.64	29.38 0.11 -12.72	21.09 0.02 -16.12	16.36 0.03 -14.38	58.54 0.27 -29.09	59.96 0.39 -18.53	83.65 0.26 -35.22	100.50 1.09 -18.34	115.54 1.31 -27.18	124.96 1.25 -44.51	114.69 1.18 -47.30	58.13 1.26 -8.45	42.51 1.18 0.00	49.05 1.41 0.00
LI_NEWBRDGE___DRP 323616	53.76 1.92 -12.08	50.56 1.50 -16.07	50.60 1.44 -15.39	49.75 1.50 -11.17	52.35 1.78 -7.98	51.92 1.82 0.00	68.01 2.39 0.00	85.73 2.47 -24.95	63.29 1.73 -23.41	50.07 2.35 0.00	51.95 1.54 -16.68	46.20 0.74 -28.91	51.34 0.19 -46.19	45.97 0.07 -43.95	42.74 1.41 -12.14	43.30 2.25 0.00	50.50 2.33 0.00	84.82 3.76 0.00	91.27 4.22 0.00	82.87 3.67 0.00	69.10 2.89 0.00	50.61 2.19 0.00	43.19 1.85 0.00	49.59 1.95 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.10 -2.59 3.07	26.71 -2.20 4.07	26.66 -2.32 4.79	29.42 -2.34 5.32	35.60 -2.56 4.43	47.31 -2.74 0.04	54.79 -3.95 6.88	45.89 -4.99 7.43	30.38 -2.89 4.88	36.12 -3.51 8.08	28.12 -2.17 3.46	15.79 -1.02 -0.26	8.69 -0.30 -4.03	5.87 -0.12 -4.05	23.78 -1.91 3.50	31.55 -2.97 6.53	37.61 -3.46 7.09	63.99 -6.49 10.59	70.93 -7.03 9.09	60.19 -6.43 12.58	49.68 -5.64 10.90	42.39 -4.08 1.96	38.21 -3.13 0.00	43.82 -3.82 0.00
LOCKPORT___CC1 323769	33.08 -2.60 4.07	25.40 -2.18 5.40	25.24 -2.29 6.24	28.02 -2.32 6.74	34.44 -2.58 5.57	47.21 -2.83 0.04	53.38 -4.00 8.25	43.60 -4.99 9.71	28.65 -2.89 6.61	34.57 -3.46 9.68	26.90 -2.17 4.68	14.90 -1.03 0.62	7.99 -0.31 -3.34	5.25 -0.13 -3.43	22.69 -1.91 4.58	30.29 -2.93 7.82	36.23 -3.43 8.50	61.85 -6.53 12.69	69.08 -7.07 10.90	57.67 -6.45 15.08	47.49 -5.66 13.06	41.96 -4.12 2.35	38.17 -3.17 0.00	43.77 -3.87 0.00
LOCKPORT___CC2 323770	33.08 -2.60 4.07	25.40 -2.18 5.40	25.24 -2.29 6.24	28.02 -2.32 6.74	34.44 -2.58 5.57	47.21 -2.83 0.04	53.38 -4.00 8.25	43.60 -4.99 9.71	28.65 -2.89 6.61	34.57 -3.46 9.68	26.90 -2.17 4.68	14.90 -1.03 0.62	7.99 -0.31 -3.34	5.25 -0.13 -3.43	22.69 -1.91 4.58	30.29 -2.93 7.82	36.23 -3.43 8.50	61.85 -6.53 12.69	69.08 -7.07 10.90	57.67 -6.45 15.08	47.49 -5.66 13.06	41.96 -4.12 2.35	38.17 -3.17 0.00	43.77 -3.87 0.00
LOCKPORT___CC3 323771	33.08 -2.60 4.07	25.40 -2.18 5.40	25.24 -2.29 6.24	28.02 -2.32 6.74	34.44 -2.58 5.57	47.21 -2.83 0.04	53.38 -4.00 8.25	43.60 -4.99 9.71	28.65 -2.89 6.61	34.57 -3.46 9.68	26.90 -2.17 4.68	14.90 -1.03 0.62	7.99 -0.31 -3.34	5.25 -0.13 -3.43	22.69 -1.91 4.58	30.29 -2.93 7.82	36.23 -3.43 8.50	61.85 -6.53 12.69	69.08 -7.07 10.90	57.67 -6.45 15.08	47.49 -5.66 13.06	41.96 -4.12 2.35	38.17 -3.17 0.00	43.77 -3.87 0.00
LONG_LAKE_PHOENIX 24014	40.64 -0.42 -1.29	34.46 -0.25 -1.72	35.21 -0.21 -1.65	37.99 -0.29 -1.20	43.11 -0.34 -0.85	49.69 -0.40 0.00	65.41 -0.20 0.00	60.67 -0.30 -2.67	40.51 -0.15 -2.51	47.58 -0.13 0.00	35.45 -0.06 -1.78	19.46 -0.15 -3.06	9.79 -0.06 -4.89	6.57 -0.03 -4.65	29.65 -0.82 -1.29	39.60 -1.44 0.00	46.60 -1.57 0.00	78.65 -2.42 0.00	84.45 -2.59 0.00	76.82 -2.39 0.00	64.13 -2.08 0.00	46.79 -1.64 0.00	39.95 -1.38 0.00	45.95 -1.70 0.00
LOVETT___3 23632	52.73 1.36 -11.61	49.52 1.09 -15.45	49.62 1.06 -14.79	48.97 1.15 -10.74	51.62 1.36 -7.67	51.51 1.42 0.00	67.82 2.20 0.00	84.34 2.05 -23.99	61.98 1.32 -22.50	49.39 1.68 0.00	50.82 1.05 -16.03	44.83 0.50 -27.79	49.49 0.13 -44.40	44.25 0.05 -42.25	41.88 1.02 -11.67	42.59 1.54 0.00	49.88 1.71 0.00	83.96 2.89 0.00	90.60 3.55 0.00	82.22 3.02 0.00	68.54 2.33 0.00	49.98 1.55 0.00	42.64 1.31 0.00	48.95 1.32 0.00
LOVETT___4 23642	52.73 1.36 -11.61	49.52 1.09 -15.45	49.62 1.06 -14.79	48.97 1.15 -10.74	51.62 1.36 -7.67	51.51 1.42 0.00	67.82 2.20 0.00	84.34 2.05 -23.99	61.98 1.32 -22.50	49.39 1.68 0.00	50.82 1.05 -16.03	44.83 0.50 -27.79	49.49 0.13 -44.40	44.25 0.05 -42.25	41.88 1.02 -11.67	42.59 1.54 0.00	49.88 1.71 0.00	83.96 2.89 0.00	90.60 3.55 0.00	82.22 3.02 0.00	68.54 2.33 0.00	49.98 1.55 0.00	42.64 1.31 0.00	48.95 1.32 0.00
LOVETT___5 23593	52.73 1.36 -11.61	49.52 1.09 -15.45	49.62 1.06 -14.79	48.97 1.15 -10.74	51.62 1.36 -7.67	51.51 1.42 0.00	67.82 2.20 0.00	84.34 2.05 -23.99	61.98 1.32 -22.50	49.39 1.68 0.00	50.82 1.05 -16.03	44.83 0.50 -27.79	49.49 0.13 -44.40	44.25 0.05 -42.25	41.88 1.02 -11.67	42.59 1.54 0.00	49.88 1.71 0.00	83.96 2.89 0.00	90.60 3.55 0.00	82.22 3.02 0.00	68.54 2.33 0.00	49.98 1.55 0.00	42.64 1.31 0.00	48.95 1.32 0.00
LOWER RAQUET___HYD 24057	45.72 3.56 -2.40	38.10 2.77 -2.34	38.73 2.63 -2.34	42.23 2.88 -2.27	47.30 3.48 -1.22	53.50 3.41 0.00	71.49 4.36 -1.51	63.54 3.73 -1.51	41.30 1.45 -1.69	50.17 0.84 -1.61	35.38 -0.06 -1.71	29.98 -0.06 -13.49	22.00 -0.04 -17.08	17.18 0.00 -15.24	59.79 -0.23 -30.83	60.39 -0.30 -19.64	85.04 -0.46 -37.33	100.14 -0.37 -19.43	115.27 -0.58 -28.81	125.88 -0.50 -47.18	116.10 -0.25 -50.14	57.65 0.27 -8.95	41.74 0.40 0.00	48.20 0.56 0.00
LOWER___HUDSON 24059	56.26 1.64 -14.86	54.16 1.40 -19.77	54.08 1.39 -18.93	52.40 1.58 -13.74	54.17 1.77 -9.81	52.10 2.01 0.00	68.12 2.50 0.00	91.30 2.31 -30.69	68.30 1.35 -28.79	49.30 1.59 0.00	55.36 1.11 -20.51	52.58 0.48 -35.56	61.92 0.15 -56.81	56.06 0.06 -54.06	45.10 0.97 -14.94	42.66 1.61 0.00	50.09 1.93 0.00	84.51 3.44 0.00	90.85 3.81 0.00	82.46 3.26 0.00	68.84 2.63 0.00	50.27 1.85 0.00	42.86 1.52 0.00	49.51 1.87 0.00
LOWVILLE_115KV_TB2 356335	40.74 0.35 -0.63	34.01 0.19 -0.84	34.63 0.06 -0.80	37.71 0.05 -0.58	43.32 0.31 -0.42	50.38 0.29 0.00	66.39 0.77 0.00	60.43 0.83 -1.30	39.87 0.49 -1.22	47.82 0.11 0.00	33.96 -0.61 -0.83	20.84 -0.29 -4.59	11.11 -0.11 -6.26	7.60 -0.04 -5.70	36.80 -0.67 -8.29	45.40 -0.58 -4.93	56.57 -0.97 -9.38	85.12 -0.84 -4.88	93.49 -0.80 -7.24	90.23 -0.83 -11.86	78.25 -0.56 -12.60	50.21 -0.47 -2.25	40.88 -0.46 0.00	46.86 -0.78 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	57.45 2.59 -15.09	55.24 2.17 -20.08	55.15 2.15 -19.23	53.45 2.41 -13.96	55.40 2.84 -9.97	53.42 3.33 0.00	70.00 4.39 0.00	93.32 3.84 -31.18	69.59 2.19 -29.25	50.32 2.61 0.00	56.50 1.93 -20.84	53.51 0.85 -36.12	62.94 0.27 -57.71	56.96 0.10 -54.92	45.94 1.58 -15.17	43.51 2.46 0.00	51.30 3.13 0.00	86.69 5.62 0.00	93.32 6.28 0.00	84.66 5.46 0.00	70.56 4.35 0.00	51.34 2.91 0.00	43.58 2.24 0.00	50.21 2.57 0.00

LUTHERNY_35_KV_BK2 355980	57.46 2.61 -15.09	55.25 2.18 -20.08	55.17 2.18 -19.23	53.47 2.43 -13.96	55.43 2.87 -9.97	53.46 3.38 0.00	70.11 4.50 0.00	93.35 3.87 -31.18	69.57 2.17 -29.25	50.33 2.62 0.00	56.53 1.95 -20.84	53.51 0.84 -36.12	62.94 0.27 -57.71	56.96 0.10 -54.92	45.94 1.58 -15.17	43.55 2.50 0.00	51.34 3.18 0.00	86.79 5.71 0.00	93.41 6.37 0.00	84.80 5.60 0.00	70.65 4.44 0.00	51.36 2.93 0.00	43.57 2.24 0.00	50.23 2.59 0.00
LWR___OSWEGATCHIE_HYD 23850	43.59 1.93 -1.90	36.36 1.43 -1.94	36.91 1.21 -1.92	40.18 1.31 -1.79	45.32 1.73 -1.01	51.72 1.63 0.00	68.94 2.30 -1.03	61.88 2.01 -1.56	40.57 0.76 -1.65	48.95 0.13 -1.10	34.42 -0.55 -1.23	25.79 -0.28 -9.52	17.26 -0.11 -12.41	13.04 -0.04 -11.13	49.25 -0.75 -20.82	53.18 -0.94 -13.08	71.85 -1.18 -24.86	92.89 -1.12 -12.94	105.04 -1.19 -19.18	109.49 -1.13 -31.42	98.79 -0.81 -33.38	53.98 -0.41 -5.96	41.04 -0.30 0.00	47.22 -0.42 0.00
LYONS_FALL_HYD 23570	40.92 0.59 -0.57	34.18 0.43 -0.76	34.86 0.37 -0.73	38.00 0.39 -0.53	43.60 0.63 -0.38	50.79 0.70 0.00	66.89 1.28 0.00	60.67 1.18 -1.18	40.00 0.74 -1.11	48.28 0.57 0.00	34.50 -0.01 -0.77	19.70 0.01 -3.15	9.34 -0.02 -4.40	5.98 -0.01 -4.04	34.06 -0.13 -5.01	43.95 0.04 -2.86	53.54 -0.06 -5.43	84.36 0.46 -2.83	91.89 0.65 -4.19	86.55 0.48 -6.87	73.96 0.45 -7.30	49.97 0.24 -1.30	41.47 0.13 0.00	47.59 -0.05 0.00
MADISON___COUNTY_LFGE 323628	41.44 0.81 -0.87	34.82 0.67 -1.16	35.58 0.70 -1.11	38.69 0.80 -0.81	44.17 1.00 -0.58	51.31 1.22 0.00	67.58 1.96 0.00	61.75 1.64 -1.80	40.90 1.05 -1.69	48.89 1.17 0.00	35.77 0.83 -1.20	18.98 0.38 -2.05	8.32 0.08 -3.28	5.10 0.04 -3.12	30.52 0.47 -0.86	41.76 0.71 0.00	49.13 0.97 0.00	83.01 1.94 0.00	89.49 2.45 0.00	81.37 2.16 0.00	67.91 1.70 0.00	49.50 1.07 0.00	42.17 0.83 0.00	48.42 0.78 0.00
MALONE___115KV_TB1 356076	44.58 1.14 -3.67	37.11 0.77 -3.35	37.81 0.66 -3.38	41.34 0.77 -3.49	45.33 0.97 -1.78	51.29 1.20 0.00	69.83 1.50 -2.72	61.11 1.44 -1.37	40.39 0.46 -1.77	50.70 0.08 -2.91	35.96 -0.27 -2.49	63.50 -0.09 -47.04	63.62 -0.01 -58.68	54.13 0.01 -52.18	140.19 -0.02 -111.03	112.31 -0.05 -71.31	183.76 0.05 -135.55	151.99 0.35 -70.57	191.74 0.10 -104.60	250.69 0.19 -171.31	248.52 0.19 -182.12	81.54 0.46 -32.66	41.79 0.46 0.00	48.54 0.90 0.00
MAPLEWOD_115KV_TB3 80458	56.18 1.62 -14.79	54.05 1.39 -19.68	54.01 1.41 -18.84	52.34 1.58 -13.68	54.14 1.78 -9.77	52.09 2.00 0.00	68.19 2.57 0.00	91.14 2.29 -30.55	68.23 1.42 -28.65	49.46 1.75 0.00	55.34 1.18 -20.41	52.45 0.51 -35.39	61.65 0.16 -56.54	55.81 0.06 -53.80	45.06 1.01 -14.86	42.70 1.65 0.00	50.07 1.91 0.00	84.58 3.51 0.00	90.92 3.88 0.00	82.53 3.33 0.00	68.88 2.67 0.00	50.34 1.91 0.00	42.94 1.61 0.00	49.56 1.92 0.00
MAPLE_RIDGE_WT_1 323574	38.87 -0.89 0.00	32.19 -0.80 0.00	32.87 -0.90 0.00	36.11 -0.97 0.00	41.70 -0.88 0.00	48.93 -1.16 0.00	64.20 -1.42 0.00	57.21 -1.10 0.00	37.61 -0.54 0.00	46.86 -0.85 0.00	32.88 -0.86 0.00	7.99 -0.38 8.18	-5.55 -0.12 10.40	-7.34 -0.04 9.24	8.93 -0.57 19.69	27.69 -0.70 12.65	23.07 -1.05 24.05	66.66 -1.89 12.52	66.34 -2.15 18.55	46.98 -1.83 30.39	32.81 -1.11 32.29	42.12 -0.54 5.77	40.74 -0.60 0.00	46.98 -0.66 0.00
MAPLE_RIDGE_WT_2 323611	38.87 -0.89 0.00	32.19 -0.80 0.00	32.87 -0.90 0.00	36.11 -0.97 0.00	41.70 -0.88 0.00	48.93 -1.16 0.00	64.20 -1.42 0.00	57.21 -1.10 0.00	37.61 -0.54 0.00	46.86 -0.85 0.00	32.88 -0.86 0.00	7.99 -0.38 8.18	-5.55 -0.12 10.40	-7.34 -0.04 9.24	8.93 -0.57 19.69	27.69 -0.70 12.65	23.07 -1.05 24.05	66.66 -1.89 12.52	66.34 -2.15 18.55	46.98 -1.83 30.39	32.81 -1.11 32.29	42.12 -0.54 5.77	40.74 -0.60 0.00	46.98 -0.66 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -2.00 58.76	-21.00 -1.75 52.24	-21.00 -1.85 52.92	-21.00 -2.06 56.02	12.42 -2.35 27.82	47.66 -2.43 0.00	16.00 -3.42 46.20	39.71 -2.72 15.88	12.76 -2.15 23.24	-4.69 -2.99 49.41	-10.30 -2.22 41.82	-21.00 -0.92 36.63	-21.00 -0.24 25.72	-21.00 -0.07 22.87	-21.00 -1.48 48.71	7.54 -2.21 31.29	-13.73 -2.42 59.48	46.39 -3.71 30.97	36.65 -4.50 45.90	-0.17 -4.21 75.17	-18.55 -3.25 81.51	29.25 -2.15 17.02	39.92 -1.42 0.00	47.19 -0.45 0.00
MARSHVLE_115KV_TB1 80742	58.34 1.61 -16.97	56.78 1.22 -22.57	56.56 1.19 -21.61	54.06 1.30 -15.69	55.42 1.63 -11.21	52.14 2.05 0.00	68.74 3.12 0.00	95.88 2.54 -35.04	72.36 1.34 -32.87	49.29 1.58 0.00	58.01 0.86 -23.42	57.50 0.35 -40.60	69.94 0.12 -64.86	63.71 0.04 -61.72	46.93 0.69 -17.05	41.74 0.69 0.00	49.49 1.32 0.00	84.40 3.33 0.00	90.95 3.90 0.00	82.83 3.62 0.00	69.39 3.18 0.00	50.66 2.24 0.00	43.19 1.85 0.00	49.67 2.03 0.00
MARSH_HILL_WT_PWR 323713	59.96 -3.57 -23.77	61.90 -2.63 -31.54	64.86 -2.76 -33.85	66.25 -2.98 -32.15	64.94 -3.20 -25.55	46.13 -4.10 -0.15	88.79 -5.08 -28.25	106.76 -5.07 -53.53	76.41 -3.40 -41.66	76.38 -4.49 -33.16	60.12 -3.19 -29.56	40.50 -1.60 -25.56	30.45 -0.52 -26.00	25.61 -0.23 -23.88	51.58 -3.14 -25.54	63.47 -4.36 -26.78	72.67 -4.60 -29.10	117.62 -6.90 -43.46	118.95 -5.39 -37.30	126.18 -4.65 -51.63	107.49 -3.44 -44.71	53.83 -2.62 -8.03	39.62 -1.71 0.00	45.23 -2.41 0.00
MCINTYRE_115KV_TB2 80467	47.46 5.30 -2.40	39.52 4.20 -2.34	40.19 4.08 -2.34	43.81 4.46 -2.27	49.20 5.39 -1.22	55.87 5.78 0.00	74.92 7.79 -1.51	66.30 6.49 -1.51	42.37 2.53 -1.69	51.19 1.87 -1.61	35.44 0.49 -1.21	28.11 0.21 -11.35	19.59 0.06 -14.57	15.00 0.04 -13.01	56.03 0.55 -26.29	58.61 0.82 -16.74	80.66 0.66 -31.83	99.42 1.78 -16.57	113.91 2.30 -24.56	121.61 2.18 -40.22	110.90 1.95 -42.75	57.84 1.78 -7.63	42.90 1.56 0.00	49.50 1.86 0.00
MECO_____69_KV_BK1 80468	58.48 2.39 -16.33	56.61 1.91 -21.73	56.48 1.92 -20.80	54.29 2.11 -15.10	55.94 2.57 -10.78	53.24 3.16 0.00	70.15 4.53 0.00	95.57 3.54 -33.73	71.58 1.79 -31.64	49.76 2.05 0.00	57.51 1.23 -22.54	55.94 0.31 -39.08	67.51 0.12 -62.43	61.40 0.04 -59.41	46.52 0.92 -16.41	42.20 1.16 0.00	50.16 1.99 0.00	86.36 5.29 0.00	93.26 6.21 0.00	84.81 5.60 0.00	70.87 4.66 0.00	51.68 3.25 0.00	44.03 2.70 0.00	50.59 2.95 0.00
MENANDS___115KV_TB5 355628	56.06 1.53 -14.76	53.95 1.32 -19.64	53.92 1.34 -18.81	52.24 1.51 -13.65	54.03 1.69 -9.75	51.98 1.89 0.00	68.02 2.40 0.00	90.95 2.15 -30.50	68.11 1.34 -28.61	49.40 1.68 0.00	55.26 1.14 -20.38	52.36 0.48 -35.33	61.56 0.15 -56.45	55.72 0.06 -53.72	45.01 0.99 -14.84	42.63 1.58 0.00	49.96 1.79 0.00	84.30 3.23 0.00	90.63 3.58 0.00	82.25 3.05 0.00	68.67 2.46 0.00	50.18 1.75 0.00	42.83 1.49 0.00	49.43 1.79 0.00
MG INDUSTRY___DRP 24185	55.54 1.37 -14.41	53.33 1.17 -19.17	53.34 1.22 -18.36	51.77 1.36 -13.33	53.67 1.56 -9.52	51.84 1.75 0.00	67.86 2.25 0.00	89.94 1.87 -29.77	67.16 1.08 -27.92	49.11 1.40 0.00	54.59 0.96 -19.89	51.45 0.42 -34.49	60.17 0.11 -55.10	54.42 0.04 -52.43	44.41 0.73 -14.49	42.07 1.03 0.00	49.65 1.48 0.00	84.04 2.97 0.00	90.40 3.35 0.00	82.11 2.91 0.00	68.53 2.32 0.00	50.09 1.67 0.00	42.75 1.41 0.00	49.30 1.66 0.00

MID___OSWEGATCHIE_HYD 23849	43.59 1.93 -1.90	36.36 1.43 -1.94	36.91 1.21 -1.92	40.18 1.31 -1.79	45.32 1.73 -1.01	51.72 1.63 0.00	68.94 2.30 -1.03	61.88 2.01 -1.56	40.57 0.76 -1.65	48.95 0.13 -1.10	34.42 -0.55 -1.23	25.79 -0.28 -9.52	17.26 -0.11 -12.41	13.04 -0.04 -11.13	49.25 -0.75 -20.82	53.18 -0.94 -13.08	71.85 -1.18 -24.86	92.89 -1.12 -12.94	105.04 -1.19 -19.18	109.49 -1.13 -31.42	98.79 -0.81 -33.38	53.98 -0.41 -5.96	41.04 -0.30 0.00	47.22 -0.42 0.00
MID___RAQUETTE_HYD 23851	45.72 3.56 -2.40	38.10 2.78 -2.34	38.73 2.63 -2.34	42.23 2.88 -2.27	47.30 3.49 -1.22	53.50 3.41 0.00	71.49 4.36 -1.51	63.55 3.73 -1.51	41.30 1.45 -1.69	50.17 0.84 -1.61	35.38 -0.07 -1.71	29.97 -0.06 -13.49	22.00 -0.04 -17.08	17.18 0.00 -15.24	59.79 -0.23 -30.83	60.39 -0.30 -19.64	85.04 -0.46 -37.33	100.14 -0.36 -19.43	115.27 -0.58 -28.81	125.88 -0.50 -47.18	116.10 -0.24 -50.14	57.65 0.26 -8.95	41.74 0.40 0.00	48.20 0.56 0.00
MILLIKEN___1 23584	44.10 0.18 -4.16	38.75 0.24 -5.52	39.59 0.27 -5.55	41.97 0.30 -4.59	46.47 0.42 -3.46	50.55 0.45 -0.01	68.48 0.81 -2.06	67.87 0.65 -8.91	46.35 0.46 -7.73	50.62 0.49 -2.41	39.52 0.28 -5.50	24.22 0.02 -7.65	16.09 -0.01 -11.15	12.47 -0.02 -10.55	33.19 -0.29 -4.29	42.57 -0.42 -1.94	50.14 -0.13 -2.11	84.55 0.33 -3.15	90.82 1.06 -2.71	84.03 1.08 -3.74	70.30 0.85 -3.24	49.50 0.49 -0.58	41.74 0.41 0.00	47.86 0.22 0.00
MILLIKEN___2 23585	44.10 0.18 -4.16	38.75 0.24 -5.52	39.59 0.27 -5.55	41.97 0.30 -4.59	46.47 0.42 -3.46	50.55 0.45 -0.01	68.48 0.81 -2.06	67.87 0.65 -8.91	46.35 0.46 -7.73	50.62 0.49 -2.41	39.52 0.28 -5.50	24.22 0.02 -7.65	16.09 -0.01 -11.15	12.47 -0.02 -10.55	33.19 -0.29 -4.29	42.57 -0.42 -1.94	50.14 -0.13 -2.11	84.55 0.33 -3.15	90.82 1.06 -2.71	84.03 1.08 -3.74	70.30 0.85 -3.24	49.50 0.49 -0.58	41.74 0.41 0.00	47.86 0.22 0.00
MILLIKEN___DIESEL 23629	44.10 0.18 -4.16	38.75 0.24 -5.52	39.59 0.27 -5.55	41.97 0.30 -4.59	46.47 0.42 -3.46	50.55 0.45 -0.01	68.48 0.81 -2.06	67.87 0.65 -8.91	46.35 0.46 -7.73	50.62 0.49 -2.41	39.52 0.28 -5.50	24.22 0.02 -7.65	16.09 -0.01 -11.15	12.47 -0.02 -10.55	33.19 -0.29 -4.29	42.57 -0.42 -1.94	50.14 -0.13 -2.11	84.55 0.33 -3.15	90.82 1.06 -2.71	84.03 1.08 -3.74	70.30 0.85 -3.24	49.50 0.49 -0.58	41.74 0.41 0.00	47.86 0.22 0.00
MILLSEAT___LFGE 323607	36.15 -1.46 2.15	28.86 -1.27 2.85	28.96 -1.36 3.45	31.80 -1.29 3.99	37.86 -1.37 3.36	48.71 -1.35 0.03	58.19 -1.88 5.55	49.98 -3.01 5.32	33.15 -1.70 3.31	39.02 -2.18 6.52	30.05 -1.35 2.34	16.87 -0.67 -0.99	9.26 -0.20 -4.49	6.31 -0.08 -4.45	25.85 -0.84 2.50	33.64 -2.14 5.27	40.09 -2.35 5.72	68.55 -3.97 8.55	75.59 -4.12 7.33	65.29 -3.76 10.15	53.93 -3.49 8.79	44.25 -2.60 1.58	39.37 -1.97 0.00	45.13 -2.51 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.38 1.58 -12.04	50.26 1.26 -16.01	50.33 1.23 -15.33	49.54 1.33 -11.13	52.10 1.56 -7.95	51.73 1.64 0.00	68.12 2.51 0.00	85.53 2.36 -24.86	63.03 1.55 -23.32	49.70 1.98 0.00	51.64 1.28 -16.62	45.95 0.60 -28.81	51.15 0.16 -46.02	45.81 0.06 -43.79	42.48 1.19 -12.10	42.86 1.82 0.00	50.18 2.01 0.00	84.49 3.43 0.00	91.12 4.07 0.00	82.70 3.50 0.00	68.93 2.72 0.00	50.30 1.88 0.00	42.89 1.55 0.00	49.25 1.61 0.00
MILLWOOD_13_KV_LOAD 356217	53.43 1.63 -12.04	50.30 1.31 -16.01	50.38 1.28 -15.33	49.59 1.38 -11.13	52.16 1.63 -7.95	51.82 1.73 0.00	68.22 2.60 0.00	85.63 2.46 -24.86	63.08 1.60 -23.32	49.76 2.04 0.00	51.68 1.32 -16.62	45.98 0.62 -28.81	51.15 0.17 -46.02	45.81 0.07 -43.79	42.51 1.23 -12.10	42.91 1.86 0.00	50.26 2.10 0.00	84.60 3.54 0.00	91.27 4.23 0.00	82.86 3.65 0.00	69.05 2.84 0.00	50.39 1.96 0.00	42.95 1.62 0.00	49.32 1.67 0.00
MODEL_CITY_ENERGY 24167	34.00 -2.94 2.83	26.77 -2.47 3.74	26.74 -2.59 4.44	29.44 -2.65 4.98	35.49 -2.94 4.16	46.84 -3.22 0.04	54.47 -4.57 6.58	45.86 -5.58 6.87	30.45 -3.25 4.45	36.11 -3.88 7.73	28.16 -2.44 3.15	15.92 -1.16 -0.53	8.91 -0.34 -4.30	6.09 -0.14 -4.29	23.76 -2.20 3.23	31.57 -3.24 6.24	37.56 -3.82 6.78	63.66 -7.28 10.13	70.39 -7.96 8.70	59.87 -7.29 12.04	49.42 -6.36 10.42	41.96 -4.60 1.87	37.78 -3.55 0.00	43.37 -4.27 0.00
MODERN_LFGE___ 323580	34.00 -2.94 2.83	26.77 -2.47 3.74	26.74 -2.59 4.44	29.44 -2.65 4.98	35.49 -2.94 4.16	46.84 -3.22 0.04	54.47 -4.57 6.58	45.86 -5.58 6.87	30.45 -3.25 4.45	36.11 -3.88 7.73	28.16 -2.44 3.15	15.92 -1.16 -0.53	8.91 -0.34 -4.30	6.09 -0.14 -4.29	23.76 -2.20 3.23	31.57 -3.24 6.24	37.56 -3.82 6.78	63.66 -7.28 10.13	70.39 -7.96 8.70	59.87 -7.29 12.04	49.42 -6.36 10.42	41.96 -4.60 1.87	37.78 -3.55 0.00	43.37 -4.27 0.00
MOHAWK_PAPER___DRP 24187	56.18 1.62 -14.79	54.05 1.39 -19.68	54.01 1.41 -18.84	52.34 1.58 -13.68	54.14 1.78 -9.77	52.09 2.00 0.00	68.19 2.57 0.00	91.14 2.29 -30.55	68.23 1.42 -28.65	49.46 1.75 0.00	55.34 1.18 -20.41	52.45 0.51 -35.39	61.65 0.16 -56.54	55.81 0.06 -53.80	45.06 1.01 -14.86	42.70 1.65 0.00	50.07 1.91 0.00	84.58 3.51 0.00	90.92 3.88 0.00	82.53 3.33 0.00	68.88 2.67 0.00	50.34 1.91 0.00	42.94 1.61 0.00	49.56 1.92 0.00
MOHICAN___35_KV_115KV_LD 80490	58.69 3.87 -15.05	56.23 3.22 -20.02	56.01 3.07 -19.17	54.48 3.48 -13.92	56.72 4.19 -9.94	55.09 5.00 0.00	72.18 6.56 0.00	95.32 5.92 -31.09	70.72 3.40 -29.16	51.58 3.86 0.00	57.43 2.91 -20.78	53.91 1.34 -36.02	62.92 0.42 -57.54	56.86 0.15 -54.76	46.68 2.36 -15.13	44.63 3.58 0.00	52.80 4.64 0.00	89.30 8.23 0.00	96.17 9.13 0.00	87.08 7.88 0.00	72.47 6.26 0.00	52.74 4.31 0.00	44.72 3.38 0.00	51.45 3.82 0.00
MONGAUP___HYD 23641	52.45 1.78 -10.91	48.94 1.45 -14.51	49.11 1.45 -13.89	48.74 1.57 -10.09	51.64 1.85 -7.20	52.19 2.11 0.00	68.82 3.20 0.00	83.58 2.74 -22.53	60.64 1.35 -21.14	49.07 1.36 0.00	49.80 1.00 -15.06	43.16 0.51 -26.10	46.78 0.12 -41.71	41.67 0.04 -39.69	40.79 0.64 -10.96	42.07 1.02 0.00	49.67 1.51 0.00	84.65 3.58 0.00	91.78 4.73 0.00	83.42 4.22 0.00	69.57 3.36 0.00	50.72 2.30 0.00	43.23 1.90 0.00	49.62 1.98 0.00
MONTAUK___DIESEL 23721	54.25 1.02 -13.46	50.59 0.70 -16.91	49.76 0.60 -15.39	48.88 0.63 -11.17	52.02 1.45 -7.98	51.72 1.63 0.00	67.82 2.20 0.00	85.80 2.55 -24.95	63.29 1.73 -23.41	49.30 1.59 0.00	51.10 0.68 -16.68	45.81 0.35 -28.91	51.21 0.06 -46.19	45.91 0.01 -43.95	41.86 0.53 -12.14	42.29 1.24 0.00	49.08 0.92 0.00	82.71 1.64 0.00	89.38 2.33 0.00	80.61 1.41 0.00	67.04 0.83 0.00	49.49 1.06 0.00	42.50 1.16 0.00	49.74 2.10 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.22 -0.78 -0.24	32.51 -0.80 -0.32	32.82 -0.89 0.05	35.54 -0.75 0.79	41.19 -0.58 0.82	49.49 -0.59 0.02	61.88 -0.92 2.81	56.33 -2.03 -0.06	37.91 -1.15 -0.90	43.12 -1.30 3.30	33.80 -0.59 -0.65	19.61 -0.62 -3.68	12.13 -0.19 -7.36	8.95 -0.09 -7.09	28.04 -1.22 -0.07	36.82 -1.56 2.67	44.15 -1.11 2.90	75.04 -1.70 4.33	82.03 -1.30 3.72	72.55 -1.51 5.14	59.79 -1.97 4.45	46.23 -1.40 0.80	40.56 -0.78 0.00	46.33 -1.32 0.00

MORRIS_RIDGE___SOLAR 323848	-4.05 -3.01 40.81	-23.45 -2.30 54.13	-27.94 -2.33 59.38	-24.22 -2.55 58.76	-7.47 -2.76 47.30	46.39 -3.39 0.31	2.97 -4.31 58.34	-39.51 -4.35 93.47	-34.69 -2.84 70.01	-24.43 -3.67 68.48	-18.46 -2.55 49.65	-17.80 -1.33 33.02	-17.60 -0.42 22.13	-17.52 -0.18 19.29	-17.80 -2.54 44.45	-17.80 -3.54 55.31	-15.68 -3.73 60.11	-14.64 -5.93 89.77	4.59 -5.42 77.04	-32.21 -4.77 106.64	-30.13 -3.99 92.35	28.83 -3.01 16.59	39.12 -2.22 0.00	44.61 -3.03 0.00
MORTIMER_115KV_TB3 55949	40.18 -1.33 -1.75	34.21 -1.10 -2.33	34.83 -1.17 -2.23	37.52 -1.18 -1.62	42.45 -1.29 -1.16	48.67 -1.42 0.00	63.78 -1.84 0.00	59.45 -2.47 -3.61	40.14 -1.40 -3.39	46.09 -1.63 0.00	35.18 -0.97 -2.41	20.26 -0.46 -4.18	11.48 -0.15 -6.67	8.23 -0.07 -6.35	29.64 -1.31 -1.75	39.44 -1.61 0.00	46.43 -1.74 0.00	77.91 -3.16 0.00	83.62 -3.43 0.00	76.08 -3.13 0.00	63.36 -2.85 0.00	46.22 -2.21 0.00	39.57 -1.76 0.00	45.46 -2.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.73 1.88 -12.08	50.56 1.50 -16.08	50.61 1.45 -15.39	49.83 1.57 -11.17	52.41 1.84 -7.98	52.01 1.92 0.00	68.57 2.95 0.00	86.08 2.82 -24.96	63.45 1.88 -23.41	50.17 2.45 0.00	52.04 1.62 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.81 1.48 -12.15	43.24 2.19 0.00	50.53 2.36 0.00	84.94 3.87 0.00	91.70 4.66 0.00	83.19 3.99 0.00	69.32 3.11 0.00	50.60 2.18 0.00	43.13 1.79 0.00	49.45 1.81 0.00
MUNSVILLE_WIND_PWR 323609	45.25 0.49 -4.99	40.09 0.48 -6.63	40.86 0.55 -6.55	42.85 0.62 -5.16	47.39 0.98 -3.82	51.32 1.22 -0.01	69.47 2.34 -1.51	70.74 1.90 -10.54	48.75 1.16 -9.43	50.70 1.21 -1.77	41.16 0.71 -6.71	27.00 0.20 -10.25	20.59 0.04 -15.59	16.72 -0.01 -14.79	33.83 -0.45 -5.10	41.91 -0.56 -1.43	50.06 0.34 -1.55	85.17 1.78 -2.32	92.48 3.45 -1.99	85.83 3.87 -2.75	72.83 4.24 -2.38	52.33 3.48 -0.43	44.13 2.79 0.00	50.19 2.55 0.00
N SALMON___HYD 24042	44.57 1.14 -3.67	37.11 0.77 -3.35	37.81 0.66 -3.38	41.34 0.77 -3.49	45.33 0.97 -1.78	51.29 1.20 0.00	69.83 1.49 -2.72	61.11 1.44 -1.37	40.39 0.46 -1.77	50.69 0.07 -2.91	35.96 -0.27 -2.49	63.50 -0.08 -47.04	63.62 -0.01 -58.68	54.13 0.01 -52.18	140.19 -0.02 -111.03	112.30 -0.06 -71.31	183.76 0.05 -135.55	151.99 0.35 -70.57	191.74 0.10 -104.60	250.69 0.18 -171.31	248.52 0.19 -182.12	81.55 0.46 -32.66	41.79 0.46 0.00	48.54 0.90 0.00
N.AKRON__115KV_KNAPP 355671	35.69 -1.63 2.44	28.33 -1.42 3.23	28.38 -1.52 3.87	31.22 -1.46 4.41	37.36 -1.54 3.69	48.55 -1.51 0.03	57.50 -2.15 5.97	49.04 -3.28 5.98	32.50 -1.86 3.80	38.30 -2.41 7.00	29.60 -1.46 2.69	16.62 -0.69 -0.76	9.12 -0.19 -4.35	6.20 -0.07 -4.32	26.49 0.11 2.81	33.28 -2.10 5.66	39.55 -2.47 6.15	67.55 -4.33 9.19	74.60 -4.56 7.88	64.13 -4.16 10.91	52.95 -3.81 9.45	43.93 -2.80 1.70	39.22 -2.12 0.00	44.96 -2.68 0.00
N.BELMOR_69_KV_BK1 55787	61.89 2.24 -19.89	55.53 1.74 -20.80	50.82 1.66 -15.39	49.99 1.74 -11.17	52.65 2.08 -7.98	52.23 2.14 0.00	68.39 2.77 0.00	86.21 2.95 -24.95	63.56 2.00 -23.41	50.40 2.68 0.00	52.18 1.77 -16.68	46.32 0.86 -28.91	51.37 0.22 -46.19	45.99 0.09 -43.95	42.92 1.59 -12.14	43.60 2.55 0.00	50.88 2.72 0.00	85.35 4.28 0.00	91.91 4.87 0.00	83.58 4.37 0.00	69.64 3.43 0.00	50.99 2.57 0.00	43.50 2.17 0.00	49.97 2.33 0.00
N.E_GEN_SANDY PD 24062	54.75 1.43 -13.56	52.24 1.22 -18.04	52.22 1.19 -17.27	50.95 1.33 -12.54	53.01 1.47 -8.96	51.70 1.61 0.00	65.79 2.06 1.88	90.06 1.99 -29.77	63.71 1.23 -24.33	49.15 1.44 0.00	53.38 0.92 -18.72	49.39 0.39 -32.45	56.92 0.12 -51.84	51.32 0.05 -49.33	44.09 0.90 -14.01	42.54 1.49 0.00	51.34 1.70 -1.48	83.58 2.96 0.45	90.37 3.33 0.00	79.89 2.82 2.13	68.44 2.24 0.00	50.05 1.62 0.00	42.71 1.37 0.00	49.29 1.70 0.06
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.74 1.42 -11.56	49.50 1.14 -15.37	49.61 1.12 -14.72	48.96 1.20 -10.69	51.64 1.42 -7.63	51.58 1.49 0.00	67.92 2.30 0.00	84.32 2.14 -23.87	61.92 1.37 -22.39	49.46 1.74 0.00	50.79 1.10 -15.95	44.72 0.52 -27.65	49.28 0.14 -44.18	44.04 0.06 -42.04	41.87 1.06 -11.62	42.66 1.62 0.00	49.97 1.81 0.00	84.13 3.06 0.00	90.76 3.71 0.00	82.35 3.15 0.00	68.66 2.45 0.00	50.06 1.63 0.00	42.70 1.36 0.00	49.01 1.37 0.00
N.QUEENS_27_KV_LOAD 356247	53.77 1.92 -12.08	50.61 1.55 -16.08	50.65 1.49 -15.39	49.87 1.62 -11.17	52.42 1.85 -7.98	52.04 1.95 0.00	68.61 3.00 0.00	86.10 2.83 -24.96	63.47 1.90 -23.42	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.75 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.97	42.78 1.45 -12.15	43.16 2.11 0.00	50.41 2.25 0.00	84.78 3.71 0.00	91.59 4.54 0.00	83.27 4.07 0.00	69.36 3.15 0.00	50.68 2.25 0.00	43.17 1.83 0.00	49.44 1.81 0.00
N.TROY___115KV_TB1 355778	56.26 1.64 -14.86	54.16 1.40 -19.77	54.08 1.39 -18.93	52.40 1.58 -13.74	54.16 1.76 -9.81	52.10 2.01 0.00	68.13 2.51 0.00	91.30 2.31 -30.69	68.30 1.35 -28.79	49.31 1.60 0.00	55.37 1.12 -20.51	52.58 0.48 -35.56	61.92 0.15 -56.81	56.06 0.06 -54.06	45.10 0.98 -14.94	42.66 1.61 0.00	50.10 1.93 0.00	84.51 3.45 0.00	90.86 3.82 0.00	82.46 3.25 0.00	68.84 2.63 0.00	50.28 1.85 0.00	42.86 1.52 0.00	49.51 1.87 0.00
NARROWS_GT1_1 24228	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT1_2 24229	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT1_3 24230	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT1_4 24231	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86

NARROWS_GT1_5 24232	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT1_6 24233	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT1_7 24234	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT1_8 24235	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT2_1 24236	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT2_2 24237	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT2_3 24238	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT2_4 24239	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT2_5 24240	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT2_6 24241	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT2_7 24242	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NARROWS_GT2_8 24243	62.48 2.32 -20.39	61.34 1.87 -26.48	60.88 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.68 3.67 -3.40	86.68 3.42 -24.96	75.70 2.35 -35.19	64.32 2.96 -13.64	62.30 2.06 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.11 -58.64	61.16 1.84 -30.12	61.66 2.70 -17.91	64.71 2.90 -13.64	105.16 4.54 -19.54	93.86 5.43 -1.39	110.18 4.76 -26.22	115.24 3.72 -45.30	97.79 2.67 -46.69	62.83 2.20 -19.29	61.73 2.23 -11.86
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	56.16 2.44 -13.96	53.59 2.03 -18.57	53.65 2.10 -17.78	52.35 2.36 -12.91	54.58 2.77 -9.22	53.43 3.34 0.00	70.14 4.52 0.00	90.96 3.82 -28.84	67.42 2.22 -27.05	50.53 2.81 0.00	54.85 1.84 -19.27	50.76 0.80 -33.41	58.57 0.23 -53.38	52.83 0.09 -50.79	44.59 1.37 -14.03	43.09 2.04 0.00	50.92 2.76 0.00	86.82 5.75 0.00	93.82 6.77 0.00	85.09 5.89 0.00	70.96 4.76 0.00	51.81 3.38 0.00	44.13 2.80 0.00	50.83 3.19 0.00
NCHELSEA_115KV_TR2 355582	53.61 1.84 -12.01	50.45 1.49 -15.98	50.54 1.48 -15.30	49.80 1.61 -11.11	52.41 1.89 -7.93	52.18 2.09 0.00	68.72 3.11 0.00	85.96 2.84 -24.81	63.20 1.77 -23.27	49.94 2.22 0.00	51.79 1.47 -16.58	45.99 0.70 -28.74	51.07 0.19 -45.92	45.72 0.07 -43.70	42.54 1.28 -12.07	43.03 1.98 0.00	50.52 2.35 0.00	85.18 4.11 0.00	91.88 4.83 0.00	83.41 4.21 0.00	69.51 3.30 0.00	50.71 2.29 0.00	43.23 1.89 0.00	49.66 2.02 0.00
NEG CAPITAL___MECHNVIL 23645	57.30 2.52 -15.02	55.08 2.11 -19.99	55.01 2.11 -19.13	53.32 2.35 -13.89	55.26 2.75 -9.92	53.31 3.22 0.00	69.87 4.25 0.00	93.08 3.75 -31.03	69.41 2.14 -29.11	50.28 2.56 0.00	56.36 1.88 -20.74	53.32 0.83 -35.95	62.65 0.26 -57.43	56.70 0.09 -54.66	45.84 1.56 -15.10	43.47 2.42 0.00	51.25 3.09 0.00	86.60 5.54 0.00	93.18 6.13 0.00	84.54 5.34 0.00	70.48 4.27 0.00	51.32 2.89 0.00	43.62 2.29 0.00	50.30 2.65 0.00

NEG CENTRAL_HIGH_ACRES 23767	39.70 -1.77 -1.70	33.82 -1.42 -2.26	34.46 -1.46 -2.16	37.09 -1.56 -1.57	41.97 -1.74 -1.12	48.11 -1.98 0.00	63.14 -2.48 0.00	58.98 -2.83 -3.50	39.77 -1.67 -3.29	45.79 -1.93 0.00	34.83 -1.25 -2.34	19.96 -0.64 -4.05	11.22 -0.21 -6.46	8.01 -0.09 -6.15	29.29 -1.60 -1.70	39.05 -2.00 0.00	46.06 -2.11 0.00	77.33 -3.74 0.00	82.99 -4.06 0.00	75.50 -3.71 0.00	62.89 -3.32 0.00	45.84 -2.58 0.00	39.21 -2.13 0.00	45.03 -2.61 0.00
NEG CENTRAL___DRP 24199	42.92 -0.60 -3.76	37.57 -0.41 -5.00	38.48 -0.41 -5.12	41.07 -0.43 -4.42	45.57 -0.41 -3.39	49.59 -0.51 -0.01	67.67 -0.55 -2.60	65.74 -0.75 -8.18	44.62 -0.42 -6.89	50.17 -0.61 -3.06	38.31 -0.32 -4.89	22.39 -0.25 -6.10	13.25 -0.10 -8.38	9.79 -0.05 -7.90	32.33 -0.78 -3.92	42.45 -1.05 -2.46	49.85 -0.99 -2.67	83.67 -1.39 -3.99	89.38 -1.09 -3.42	83.01 -0.93 -4.74	69.48 -0.84 -4.11	48.47 -0.70 -0.74	40.81 -0.52 0.00	46.81 -0.84 0.00
NEG CENTRAL___INDECK 23768	62.56 -0.77 -23.57	63.72 -0.54 -31.28	66.83 -0.56 -33.63	68.60 -0.54 -32.06	67.61 -0.48 -25.50	49.69 -0.55 -0.15	93.79 -0.31 -28.48	110.48 -0.98 -53.16	78.76 -0.64 -41.24	79.58 -1.58 -33.44	61.99 -1.02 -29.27	40.83 -0.53 -24.82	29.47 -0.20 -24.71	24.50 -0.10 -22.65	53.02 -1.53 -25.36	66.20 -1.85 -27.00	75.70 -1.80 -29.34	123.18 -1.72 -43.83	123.70 -0.95 -37.61	130.57 -0.70 -52.06	110.63 -0.66 -45.09	55.84 -0.69 -8.10	40.94 -0.40 0.00	46.77 -0.87 0.00
NEG CENTRAL___SENECA 23627	44.30 -0.56 -5.10	39.36 -0.39 -6.77	40.42 -0.37 -7.02	42.92 -0.38 -6.22	47.09 -0.32 -4.82	49.70 -0.41 -0.02	69.39 -0.39 -4.17	68.73 -0.76 -11.19	47.00 -0.39 -9.23	51.98 -0.63 -4.89	39.98 -0.32 -6.56	23.85 -0.27 -7.57	14.76 -0.10 -9.90	11.19 -0.05 -9.30	33.68 -0.87 -5.36	43.86 -1.13 -3.95	51.48 -0.97 -4.29	86.08 -1.39 -6.40	91.51 -1.03 -5.50	85.94 -0.87 -7.61	72.00 -0.80 -6.59	48.99 -0.62 -1.18	40.91 -0.43 0.00	46.86 -0.78 0.00
NEG CENTRAL___STATE_STREET 24147	41.25 -0.29 -1.78	35.24 -0.11 -2.37	35.87 -0.16 -2.27	38.61 -0.11 -1.65	43.71 -0.06 -1.18	50.00 -0.09 0.00	65.42 -0.20 0.00	61.82 -0.16 -3.68	41.55 -0.05 -3.45	47.61 -0.10 0.00	36.19 -0.01 -2.45	20.66 -0.13 -4.24	11.69 -0.05 -6.78	8.37 -0.03 -6.45	30.53 -0.43 -1.78	40.44 -0.60 0.00	47.55 -0.61 0.00	80.27 -0.80 0.00	86.80 -0.24 0.00	79.06 -0.15 0.00	66.01 -0.20 0.00	48.14 -0.28 0.00	41.12 -0.22 0.00	47.22 -0.42 0.00
NEG MILLWOOD___DRP 24198	53.91 2.01 -12.14	50.76 1.62 -16.15	50.83 1.60 -15.46	50.05 1.75 -11.23	52.66 2.05 -8.02	52.38 2.29 0.00	69.04 3.42 0.00	86.52 3.14 -25.07	63.65 1.98 -23.52	50.20 2.49 0.00	52.14 1.65 -16.76	46.38 0.78 -29.05	51.58 0.22 -46.41	46.19 0.08 -44.16	42.84 1.45 -12.20	43.23 2.19 0.00	50.72 2.56 0.00	85.51 4.44 0.00	92.28 5.23 0.00	83.78 4.58 0.00	69.80 3.59 0.00	50.92 2.49 0.00	43.38 2.05 0.00	49.82 2.17 0.00
NEG NORTH_FLCN_SEA 23793	-18.25 -0.99 57.03	-18.64 -0.93 50.69	-18.60 -1.01 51.35	-18.40 -1.12 54.36	14.38 -1.21 27.00	49.02 -1.07 0.00	19.11 -1.68 44.83	41.75 -1.15 15.41	14.46 -1.14 22.56	-1.96 -1.72 47.95	-8.17 -1.32 40.59	-20.15 -0.54 36.16	-20.91 -0.13 25.74	-20.97 -0.03 22.89	-20.31 -0.77 48.73	8.65 -1.09 31.31	-12.49 -1.15 59.51	48.50 -1.58 30.98	38.92 -2.21 45.92	1.87 -2.13 75.21	-17.00 -1.70 81.51	30.54 -0.94 16.95	40.86 -0.48 0.00	48.03 0.39 0.00
NEG NORTH_KES_CHATEGAY 23792	44.02 -0.48 -4.73	36.65 -0.55 -4.21	37.40 -0.63 -4.26	40.94 -0.65 -4.51	44.13 -0.70 -2.24	49.53 -0.56 0.00	68.42 -0.92 -3.72	58.94 -0.64 -1.28	39.30 -0.73 -1.87	50.57 -1.12 -3.98	36.17 -0.92 -3.35	-6.53 -0.39 22.68	-25.62 -0.10 30.49	-25.19 -0.03 27.11	-29.06 -0.53 57.72	3.19 -0.78 37.08	-23.20 -0.88 70.49	43.16 -1.21 36.70	30.94 -1.72 54.39	-11.32 -1.45 89.08	-29.54 -1.21 94.53	31.17 -0.56 16.69	40.97 -0.36 0.00	47.76 0.12 0.00
NEG NORTH___ALICE_FALLS 23915	72.32 -0.59 -33.14	61.84 -0.61 -29.46	62.92 -0.69 -29.85	67.91 -0.77 -31.60	57.48 -0.80 -15.69	49.50 -0.59 0.00	90.69 -0.99 -26.06	66.70 -0.56 -8.95	50.47 -0.80 -13.11	74.26 -1.33 -27.87	56.24 -1.07 -23.57	4.51 -0.43 11.61	-21.63 -0.10 26.49	-21.63 -0.03 23.56	-21.54 -0.57 50.16	8.04 -0.78 32.23	-13.88 -0.79 61.25	48.37 -0.81 31.89	38.51 -1.28 47.27	0.61 -1.19 77.41	-16.06 -0.93 81.34	34.89 -0.40 13.14	41.26 -0.07 0.00	48.36 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	72.32 -0.59 -33.14	61.84 -0.61 -29.46	62.92 -0.69 -29.85	67.91 -0.77 -31.60	57.48 -0.80 -15.69	49.50 -0.59 0.00	90.69 -0.99 -26.06	66.70 -0.56 -8.95	50.47 -0.80 -13.11	74.26 -1.33 -27.87	56.24 -1.07 -23.57	4.51 -0.43 11.61	-21.63 -0.10 26.49	-21.63 -0.03 23.56	-21.54 -0.57 50.16	8.04 -0.78 32.23	-13.88 -0.79 61.25	48.37 -0.81 31.89	38.51 -1.28 47.27	0.61 -1.19 77.41	-16.06 -0.93 81.34	34.89 -0.40 13.14	41.26 -0.07 0.00	48.36 0.72 0.00
NEG NORTH___PLATTSBURG 23628	72.30 -0.60 -33.14	61.82 -0.63 -29.46	62.90 -0.71 -29.85	67.89 -0.78 -31.60	57.47 -0.80 -15.69	49.50 -0.59 0.00	90.69 -0.99 -26.06	66.69 -0.57 -8.95	50.46 -0.80 -13.11	74.25 -1.33 -27.87	56.24 -1.07 -23.57	4.51 -0.43 11.61	-21.63 -0.10 26.49	-21.63 -0.03 23.56	-21.54 -0.57 50.16	8.03 -0.79 32.23	-13.88 -0.79 61.25	48.37 -0.81 31.89	38.51 -1.28 47.27	0.58 -1.21 77.41	-16.06 -0.93 81.34	34.89 -0.40 13.14	41.26 -0.07 0.00	48.36 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	33.05 -2.64 4.07	25.36 -2.23 5.40	25.19 -2.34 6.24	27.96 -2.38 6.74	34.41 -2.61 5.57	47.21 -2.84 0.04	53.32 -4.05 8.25	43.55 -5.04 9.71	28.61 -2.93 6.61	34.48 -3.56 9.68	26.86 -2.20 4.68	14.90 -1.04 0.62	7.99 -0.31 -3.34	5.25 -0.13 -3.43	22.62 -1.98 4.58	30.22 -3.01 7.82	36.17 -3.49 8.50	61.77 -6.60 12.69	69.01 -7.14 10.90	57.63 -6.49 15.08	47.45 -5.69 13.06	41.96 -4.12 2.35	38.16 -3.18 0.00	43.77 -3.87 0.00
NEG WEST___LANCASTER 23811	38.23 -1.04 0.49	31.43 -0.90 0.65	31.72 -0.93 1.11	34.40 -0.86 1.82	40.14 -0.80 1.65	49.30 -0.77 0.02	60.42 -1.39 3.80	54.15 -2.54 1.61	36.37 -1.42 0.36	41.74 -1.51 4.46	32.79 -0.70 0.25	19.21 -0.36 -3.02	11.67 -0.11 -6.82	8.50 -0.05 -6.61	27.58 -0.88 0.72	36.32 -1.12 3.61	43.04 -1.20 3.92	72.22 -3.00 5.85	79.05 -2.98 5.02	69.41 -2.85 6.95	57.46 -2.73 6.02	45.38 -1.97 1.08	40.07 -1.27 0.00	45.97 -1.67 0.00
NEG_PENN_ALLEGHNY 23528	43.59 -0.18 -4.01	38.22 -0.10 -5.33	38.83 -0.04 -5.11	40.74 -0.05 -3.71	45.26 0.02 -2.65	49.96 -0.13 0.00	65.68 0.06 0.00	66.41 -0.17 -8.28	45.82 -0.09 -7.77	47.72 0.00 0.00	39.36 0.09 -5.53	26.09 -0.03 -9.58	20.26 -0.01 -15.31	16.50 -0.02 -14.57	33.05 -0.16 -4.03	40.80 -0.24 0.00	48.11 -0.06 0.00	80.87 -0.20 0.00	87.15 0.11 0.00	79.31 0.10 0.00	66.16 -0.05 0.00	48.26 -0.17 0.00	41.25 -0.09 0.00	47.33 -0.31 0.00
NEG___GEN_MONROE 24207	39.45 -1.03 -0.72	33.05 -0.89 -0.96	33.58 -0.93 -0.74	36.42 -0.82 -0.16	41.63 -0.94 0.01	49.23 -0.85 0.01	63.07 -1.15 1.40	57.68 -1.89 -1.27	38.65 -1.12 -1.61	44.73 -1.35 1.64	34.05 -0.84 -1.15	19.38 -0.43 -3.26	10.77 -0.14 -5.95	7.58 -0.06 -5.70	28.69 -1.13 -0.64	38.12 -1.60 1.33	45.06 -1.66 1.44	76.13 -2.78 2.15	82.37 -2.83 1.85	74.08 -2.57 2.56	61.56 -2.43 2.22	46.13 -1.90 0.40	39.85 -1.49 0.00	45.74 -1.90 0.00

NEPA__ENERGY 23901	37.99 -1.14 0.63	31.17 -0.99 0.82	31.49 -0.97 1.31	34.13 -0.93 2.02	39.96 -0.82 1.81	49.02 -1.05 0.02	60.17 -1.46 4.00	53.97 -2.41 1.92	36.07 -1.49 0.59	41.39 -1.63 4.69	32.52 -0.81 0.41	19.00 -0.47 -2.93	11.60 -0.12 -6.77	8.45 -0.06 -6.56	27.42 -0.90 0.87	36.05 -1.21 3.79	42.96 -1.09 4.12	72.26 -2.66 6.15	79.41 -2.35 5.28	69.62 -2.27 7.31	57.51 -2.37 6.33	45.37 -1.92 1.14	40.07 -1.27 0.00	45.86 -1.78 0.00
NEVERSINK__HYD 23608	53.15 2.51 -10.88	49.53 2.07 -14.47	49.75 2.13 -13.85	49.49 2.35 -10.06	52.55 2.77 -7.18	53.28 3.19 0.00	70.13 4.51 0.00	84.63 3.86 -22.47	61.54 2.32 -21.07	50.63 2.92 0.00	50.74 1.99 -15.01	43.58 1.00 -26.03	46.81 0.27 -41.59	41.61 0.09 -39.57	41.35 1.23 -10.93	42.93 1.88 0.00	50.61 2.44 0.00	85.69 4.61 0.00	92.51 5.46 0.00	84.02 4.82 0.00	70.00 3.79 0.00	51.05 2.63 0.00	43.52 2.18 0.00	49.94 2.31 0.00
NEWKRMKL_115KV_TB1 55635	56.56 1.92 -14.88	54.42 1.64 -19.79	54.37 1.65 -18.95	52.71 1.86 -13.76	54.54 2.13 -9.82	52.50 2.41 0.00	68.78 3.17 0.00	91.82 2.79 -30.73	68.72 1.74 -28.83	49.90 2.18 0.00	55.81 1.53 -20.54	52.82 0.67 -35.61	62.04 0.20 -56.88	56.15 0.08 -54.13	45.46 1.31 -14.96	43.04 1.99 0.00	50.21 2.05 0.00	84.48 3.41 0.00	90.84 3.79 0.00	82.49 3.29 0.00	68.82 2.61 0.00	50.30 1.87 0.00	42.90 1.57 0.00	49.48 1.84 0.00
NEWTON__FALLS_HYD 23847	43.59 1.93 -1.90	36.36 1.43 -1.94	36.91 1.21 -1.92	40.18 1.31 -1.79	45.32 1.73 -1.01	51.72 1.63 0.00	68.94 2.30 -1.03	61.88 2.01 -1.56	40.57 0.76 -1.65	48.95 0.13 -1.10	34.42 -0.55 -1.23	25.79 -0.28 -9.52	17.26 -0.11 -12.41	13.04 -0.04 -11.13	49.25 -0.75 -20.82	53.18 -0.94 -13.08	71.85 -1.18 -24.86	92.89 -1.12 -12.94	105.04 -1.19 -19.18	109.49 -1.13 -31.42	98.79 -0.81 -33.38	53.98 -0.41 -5.96	41.04 -0.30 0.00	47.22 -0.42 0.00
NGRID_A1_DSASP 323792	34.03 -3.01 2.73	26.83 -2.54 3.61	26.80 -2.67 4.29	29.50 -2.74 4.85	35.49 -3.04 4.05	46.68 -3.38 0.03	54.35 -4.81 6.46	45.83 -5.84 6.64	30.50 -3.38 4.27	36.18 -3.96 7.58	28.26 -2.46 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.73 -2.33 3.12	31.70 -3.22 6.13	37.65 -3.85 6.66	63.53 -7.60 9.94	70.00 -8.52 8.53	59.66 -7.73 11.81	49.28 -6.70 10.23	41.67 -4.93 1.84	37.45 -3.89 0.00	43.07 -4.58 0.00
NGRID_A2_DSASP 323793	34.03 -3.01 2.73	26.83 -2.54 3.61	26.80 -2.67 4.29	29.50 -2.74 4.85	35.49 -3.04 4.05	46.68 -3.38 0.03	54.35 -4.81 6.46	45.83 -5.84 6.64	30.50 -3.38 4.27	36.18 -3.96 7.58	28.26 -2.46 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.73 -2.33 3.12	31.70 -3.22 6.13	37.65 -3.85 6.66	63.53 -7.60 9.94	70.00 -8.52 8.53	59.66 -7.73 11.81	49.28 -6.70 10.23	41.67 -4.93 1.84	37.45 -3.89 0.00	43.07 -4.58 0.00
NGRID_A4_DSASP 323807	34.03 -3.01 2.73	26.83 -2.54 3.61	26.80 -2.67 4.29	29.50 -2.74 4.85	35.49 -3.04 4.05	46.68 -3.38 0.03	54.35 -4.81 6.46	45.83 -5.84 6.64	30.50 -3.38 4.27	36.18 -3.96 7.58	28.26 -2.46 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.73 -2.33 3.12	31.70 -3.22 6.13	37.65 -3.85 6.66	63.53 -7.60 9.94	70.00 -8.52 8.53	59.66 -7.73 11.81	49.28 -6.70 10.23	41.67 -4.93 1.84	37.45 -3.89 0.00	43.07 -4.58 0.00
NIAGARA_115E_LBMP 323715	33.91 -3.15 2.70	26.75 -2.66 3.58	26.73 -2.77 4.26	29.42 -2.85 4.82	35.38 -3.18 4.03	46.58 -3.47 0.03	54.24 -4.94 6.44	45.77 -5.94 6.60	30.44 -3.48 4.24	36.02 -4.14 7.55	28.14 -2.61 3.00	15.97 -1.24 -0.66	9.01 -0.37 -4.42	6.20 -0.15 -4.41	23.69 -2.39 3.10	31.53 -3.42 6.11	37.47 -4.06 6.63	63.40 -7.76 9.91	70.04 -8.51 8.50	59.62 -7.82 11.77	49.22 -6.79 10.19	41.69 -4.91 1.83	37.55 -3.78 0.00	43.11 -4.53 0.00
NIAGARA_115W_LBMP 323714	33.93 -3.08 2.75	26.73 -2.61 3.64	26.70 -2.74 4.32	29.39 -2.81 4.88	35.39 -3.12 4.08	46.59 -3.47 0.03	54.19 -4.93 6.49	45.66 -5.95 6.70	30.39 -3.45 4.32	36.05 -4.05 7.62	28.16 -2.53 3.05	15.96 -1.19 -0.61	8.98 -0.36 -4.37	6.16 -0.15 -4.36	23.64 -2.39 3.15	31.59 -3.30 6.16	37.53 -3.95 6.69	63.32 -7.76 9.99	69.80 -8.67 8.57	59.45 -7.89 11.87	49.10 -6.83 10.28	41.57 -5.02 1.85	37.38 -3.96 0.00	42.97 -4.66 0.00
NIAGARA_230_LBMP 323716	34.14 -2.66 2.97	26.82 -2.24 3.93	26.79 -2.34 4.63	29.52 -2.39 5.17	35.63 -2.65 4.31	47.04 -3.02 0.04	54.62 -4.25 6.75	45.88 -5.24 7.18	30.44 -3.02 4.70	36.27 -3.52 7.93	28.26 -2.16 3.32	15.91 -1.02 -0.38	8.81 -0.31 -4.15	5.97 -0.13 -4.15	23.73 -2.08 3.38	31.79 -2.85 6.40	37.81 -3.39 6.96	63.87 -6.81 10.39	70.54 -7.58 8.92	59.96 -6.90 12.35	49.48 -6.04 10.69	42.07 -4.43 1.92	37.88 -3.46 0.00	43.55 -4.09 0.00
NIAGARA__115KV_198_GIBSON 55903	33.90 -3.12 2.75	26.68 -2.67 3.64	26.64 -2.80 4.32	29.34 -2.86 4.88	35.36 -3.15 4.08	46.58 -3.47 0.03	54.15 -4.98 6.49	45.61 -6.00 6.70	30.35 -3.49 4.32	35.94 -4.16 7.62	28.13 -2.56 3.05	15.96 -1.19 -0.61	8.98 -0.36 -4.37	6.16 -0.15 -4.36	23.58 -2.46 3.15	31.52 -3.37 6.16	37.46 -4.01 6.69	63.27 -7.81 9.99	69.76 -8.71 8.57	59.39 -7.94 11.87	49.06 -6.87 10.28	41.55 -5.03 1.85	37.37 -3.97 0.00	42.97 -4.67 0.00
NIAGARA____ 23760	34.32 -2.66 2.79	27.06 -2.24 3.69	27.05 -2.34 4.38	29.76 -2.39 4.93	35.82 -2.65 4.12	47.04 -3.02 0.04	54.80 -4.25 6.57	46.15 -5.24 6.92	30.66 -3.02 4.48	36.44 -3.52 7.76	28.41 -2.16 3.17	16.06 -1.02 -0.53	8.97 -0.31 -4.32	6.14 -0.13 -4.32	23.88 -2.08 3.23	31.93 -2.85 6.26	37.96 -3.39 6.81	64.08 -6.81 10.18	70.72 -7.58 8.74	60.21 -6.90 12.10	49.70 -6.04 10.47	42.11 -4.43 1.88	37.88 -3.46 0.00	43.55 -4.09 0.00
NINE_MILE_1 23575	39.10 -1.64 -0.97	33.02 -1.26 -1.29	33.74 -1.26 -1.24	36.55 -1.43 -0.90	41.56 -1.67 -0.64	48.10 -1.99 0.00	63.07 -2.55 0.00	57.92 -2.39 -2.01	38.55 -1.49 -1.89	45.98 -1.73 0.00	33.99 -1.09 -1.34	18.32 -0.55 -2.32	8.50 -0.17 -3.71	5.41 -0.07 -3.53	29.03 -1.13 -0.97	39.35 -1.70 0.00	46.17 -2.00 0.00	77.73 -3.34 0.00	83.54 -3.51 0.00	76.00 -3.21 0.00	63.47 -2.74 0.00	46.36 -2.07 0.00	39.63 -1.71 0.00	45.61 -2.03 0.00
NINE_MILE_2 23744	39.10 -1.64 -0.97	33.01 -1.26 -1.29	33.74 -1.26 -1.24	36.55 -1.43 -0.90	41.56 -1.67 -0.64	48.10 -1.99 0.00	63.07 -2.55 0.00	57.92 -2.39 -2.01	38.54 -1.49 -1.88	45.98 -1.73 0.00	33.99 -1.09 -1.34	18.32 -0.54 -2.31	8.49 -0.16 -3.70	5.40 -0.07 -3.52	29.03 -1.13 -0.97	39.35 -1.70 0.00	46.17 -2.00 0.00	77.73 -3.34 0.00	83.54 -3.51 0.00	76.00 -3.21 0.00	63.47 -2.74 0.00	46.36 -2.07 0.00	39.63 -1.71 0.00	45.61 -2.02 0.00
NM_CAPITAL__DRP 24208	55.97 1.49 -14.72	53.85 1.29 -19.58	53.82 1.31 -18.74	52.16 1.47 -13.61	53.96 1.65 -9.72	51.93 1.84 0.00	67.95 2.34 0.00	90.79 2.09 -30.39	67.98 1.31 -28.51	49.36 1.64 0.00	55.16 1.11 -20.31	52.23 0.47 -35.21	61.36 0.14 -56.26	55.54 0.06 -53.53	44.94 0.96 -14.79	42.57 1.52 0.00	49.93 1.76 0.00	84.25 3.18 0.00	90.58 3.53 0.00	82.23 3.02 0.00	68.63 2.42 0.00	50.16 1.74 0.00	42.81 1.47 0.00	49.40 1.76 0.00

NM_CENTRAL___DRP 24181	40.23 -0.87 -1.33	34.13 -0.63 -1.77	34.86 -0.60 -1.70	37.62 -0.69 -1.23	42.66 -0.81 -0.88	49.10 -0.99 0.00	64.51 -1.11 0.00	59.92 -1.14 -2.75	40.07 -0.67 -2.58	46.99 -0.72 0.00	35.19 -0.39 -1.84	19.47 -0.24 -3.17	9.94 -0.08 -5.06	6.72 -0.04 -4.82	29.91 -0.61 -1.33	40.09 -0.96 0.00	47.14 -1.03 0.00	79.40 -1.67 0.00	85.35 -1.69 0.00	77.66 -1.55 0.00	64.80 -1.41 0.00	47.27 -1.15 0.00	40.37 -0.97 0.00	46.41 -1.23 0.00
NM_FRONTIER___DRP 24179	33.90 -3.12 2.75	26.68 -2.67 3.64	26.64 -2.80 4.32	29.34 -2.86 4.88	35.36 -3.15 4.08	46.58 -3.47 0.03	54.15 -4.98 6.49	45.61 -6.00 6.70	30.35 -3.49 4.32	35.94 -4.16 7.62	28.13 -2.56 3.05	15.96 -1.19 -0.61	8.98 -0.36 -4.37	6.16 -0.15 -4.36	23.58 -2.46 3.15	31.52 -3.37 6.16	37.46 -4.01 6.69	63.27 -7.81 9.99	69.76 -8.71 8.57	59.39 -7.94 11.87	49.06 -6.87 10.28	41.55 -5.03 1.85	37.37 -3.97 0.00	42.97 -4.67 0.00
NM_ST_REGIS___HYD 24053	45.43 3.01 -2.66	37.84 2.31 -2.55	38.49 2.17 -2.56	41.98 2.38 -2.52	46.83 2.91 -1.34	52.99 2.90 0.00	71.08 3.71 -1.76	63.00 3.21 -1.48	41.09 1.23 -1.70	50.25 0.65 -1.88	35.52 -0.12 -1.90	37.01 -0.08 -20.54	30.67 -0.04 -25.74	24.89 0.00 -22.94	76.37 -0.19 -47.37	71.08 -0.24 -30.28	105.40 -0.32 -57.55	110.86 -0.17 -29.97	131.06 -0.39 -44.41	151.65 -0.28 -72.73	143.43 -0.11 -77.32	62.61 0.33 -13.86	41.77 0.44 0.00	48.32 0.68 0.00
NORTHPORT___1 23551	55.15 2.13 -13.25	51.41 1.64 -16.78	50.75 1.59 -15.39	49.87 1.61 -11.17	52.48 1.91 -7.98	51.99 1.90 0.00	67.73 2.11 0.00	85.65 2.39 -24.95	63.31 1.75 -23.41	50.20 2.48 0.00	51.99 1.58 -16.68	46.24 0.78 -28.91	51.34 0.19 -46.19	45.98 0.08 -43.95	42.82 1.49 -12.14	43.45 2.40 0.00	50.55 2.39 0.00	84.80 3.73 0.00	91.01 3.96 0.00	82.62 3.42 0.00	68.91 2.69 0.00	50.64 2.22 0.00	43.27 1.94 0.00	49.68 2.04 0.00
NORTHPORT___2 23552	55.15 2.13 -13.25	51.41 1.64 -16.78	50.75 1.59 -15.39	49.87 1.61 -11.17	52.48 1.91 -7.98	51.99 1.90 0.00	67.73 2.11 0.00	85.65 2.39 -24.95	63.31 1.75 -23.41	50.20 2.48 0.00	51.99 1.58 -16.68	46.24 0.78 -28.91	51.34 0.19 -46.19	45.98 0.08 -43.95	42.82 1.49 -12.14	43.45 2.40 0.00	50.55 2.39 0.00	84.80 3.73 0.00	91.01 3.96 0.00	82.62 3.42 0.00	68.91 2.69 0.00	50.64 2.22 0.00	43.27 1.94 0.00	49.68 2.04 0.00
NORTHPORT___3 23553	54.99 2.01 -13.21	51.32 1.57 -16.76	50.66 1.51 -15.39	49.74 1.49 -11.17	52.29 1.72 -7.98	51.81 1.72 0.00	67.65 2.04 0.00	85.43 2.17 -24.95	63.21 1.64 -23.41	50.08 2.37 0.00	51.99 1.57 -16.68	46.22 0.76 -28.91	51.35 0.20 -46.19	45.98 0.07 -43.95	42.77 1.44 -12.14	43.39 2.34 0.00	50.39 2.22 0.00	84.52 3.46 0.00	90.82 3.77 0.00	82.47 3.26 0.00	68.77 2.57 0.00	50.53 2.10 0.00	43.20 1.86 0.00	49.64 2.00 0.00
NORTHPORT___4 23650	54.99 2.01 -13.21	51.32 1.57 -16.76	50.66 1.51 -15.39	49.74 1.49 -11.17	52.29 1.72 -7.98	51.81 1.72 0.00	67.65 2.04 0.00	85.43 2.17 -24.95	63.21 1.64 -23.41	50.08 2.37 0.00	51.99 1.57 -16.68	46.22 0.76 -28.91	51.35 0.20 -46.19	45.98 0.07 -43.95	42.77 1.44 -12.14	43.39 2.34 0.00	50.39 2.22 0.00	84.52 3.46 0.00	90.82 3.77 0.00	82.47 3.26 0.00	68.77 2.57 0.00	50.53 2.10 0.00	43.20 1.86 0.00	49.64 2.00 0.00
NORTHPORT___IC 23718	55.15 2.14 -13.25	51.41 1.64 -16.78	50.74 1.59 -15.39	49.87 1.62 -11.17	52.48 1.91 -7.98	51.98 1.89 0.00	67.73 2.12 0.00	85.66 2.41 -24.95	63.31 1.75 -23.41	50.21 2.50 0.00	51.99 1.58 -16.68	46.24 0.78 -28.91	51.34 0.19 -46.19	45.98 0.08 -43.95	42.83 1.50 -12.14	43.48 2.43 0.00	50.56 2.40 0.00	84.82 3.75 0.00	91.01 3.97 0.00	82.63 3.43 0.00	68.90 2.70 0.00	50.64 2.22 0.00	43.27 1.94 0.00	49.68 2.04 0.00
NORTH___COUNTRY_ESR 323785	43.20 -0.54 -3.98	35.92 -0.60 -3.53	36.65 -0.69 -3.58	40.15 -0.72 -3.79	43.70 -0.77 -1.88	49.43 -0.66 0.00	67.64 -1.10 -3.13	58.61 -0.76 -1.07	38.99 -0.74 -1.57	49.92 -1.14 -3.34	35.63 -0.92 -2.81	-6.83 -0.39 22.98	-25.73 -0.10 30.59	-25.28 -0.03 27.20	-29.27 -0.53 57.92	3.06 -0.78 37.22	-23.47 -0.90 70.74	42.84 -1.40 36.83	30.58 -1.89 54.58	-11.81 -1.63 89.39	-29.97 -1.29 94.88	31.03 -0.62 16.79	40.90 -0.44 0.00	47.65 0.01 0.00
NPX_GEN_1385_PROXY 323591	55.15 2.13 -13.25	51.41 1.64 -16.78	50.75 1.59 -15.39	49.87 1.61 -11.17	52.48 1.91 -7.98	52.13 2.04 0.00	67.23 1.61 0.00	85.01 1.75 -24.95	63.02 1.46 -23.41	50.04 2.32 0.00	51.46 1.04 -16.68	46.04 0.58 -28.91	51.27 0.12 -46.19	45.97 0.07 -43.95	42.72 1.38 -12.14	43.31 2.26 0.00	50.21 2.04 0.00	83.47 3.12 0.72	89.51 2.46 0.00	81.20 1.99 0.00	67.73 1.52 0.00	50.12 1.70 0.00	42.94 1.61 0.00	49.20 1.56 0.00
NPX_GEN_CSC 323557	55.25 2.03 -13.46	51.42 1.53 -16.91	50.59 1.44 -15.39	49.72 1.46 -11.17	52.41 1.84 -7.98	51.72 1.63 0.00	67.16 1.54 0.00	85.56 2.31 -24.95	63.35 1.78 -23.41	50.35 2.63 0.00	52.06 1.64 -16.68	46.26 0.80 -28.91	51.35 0.20 -46.19	45.96 0.06 -43.95	42.65 1.32 -12.14	43.31 2.26 0.00	50.09 1.93 0.00	83.62 3.27 0.72	90.80 3.75 0.00	81.86 2.66 0.00	68.22 2.01 0.00	50.37 1.94 0.00	43.07 1.74 0.00	49.46 1.83 0.00
NSINS_S___GLNS_FALLS 23858	58.79 3.97 -15.06	56.30 3.28 -20.03	56.08 3.14 -19.18	54.56 3.55 -13.93	56.82 4.29 -9.95	55.20 5.11 0.00	72.36 6.74 0.00	95.46 6.05 -31.10	70.83 3.50 -29.17	51.72 4.00 0.00	57.54 3.01 -20.78	53.96 1.38 -36.03	62.96 0.43 -57.56	56.88 0.16 -54.78	46.75 2.43 -15.13	44.71 3.66 0.00	52.90 4.74 0.00	89.47 8.40 0.00	96.43 9.38 0.00	87.30 8.10 0.00	72.64 6.43 0.00	52.82 4.39 0.00	44.76 3.42 0.00	51.49 3.85 0.00
NUCOR_STEEL___DRP 24197	41.16 -0.32 -1.72	35.14 -0.14 -2.29	35.76 -0.19 -2.19	38.53 -0.14 -1.59	43.63 -0.10 -1.14	49.95 -0.14 0.00	65.34 -0.28 0.00	61.66 -0.19 -3.55	41.40 -0.09 -3.33	47.58 -0.13 0.00	36.09 -0.02 -2.37	20.51 -0.13 -4.10	11.45 -0.05 -6.55	8.14 -0.03 -6.23	30.49 -0.42 -1.72	40.46 -0.59 0.00	47.52 -0.64 0.00	80.22 -0.85 0.00	86.75 -0.29 0.00	79.00 -0.20 0.00	65.96 -0.25 0.00	48.09 -0.34 0.00	41.08 -0.26 0.00	47.19 -0.45 0.00
NUMBER_THREE_WT_PWR 323818	40.68 0.28 -0.64	33.95 0.12 -0.84	34.56 -0.01 -0.81	37.64 -0.03 -0.59	43.24 0.23 -0.42	50.26 0.17 0.00	66.24 0.63 0.00	60.32 0.70 -1.31	39.81 0.42 -1.23	47.72 0.00 0.00	33.88 -0.70 -0.84	20.95 -0.34 -4.73	11.28 -0.12 -6.45	7.76 -0.05 -5.87	37.08 -0.73 -8.63	45.54 -0.66 -5.15	56.84 -1.12 -9.79	85.08 -1.09 -5.10	93.53 -1.07 -7.55	90.51 -1.07 -12.38	78.62 -0.75 -13.15	50.17 -0.60 -2.35	40.77 -0.57 0.00	46.73 -0.91 0.00
NYISO_LBMP_REFERENCE 24008	39.76 0.00 0.00	32.98 0.00 0.00	33.77 0.00 0.00	37.08 0.00 0.00	42.59 0.00 0.00	50.09 0.00 0.00	65.62 0.00 0.00	58.30 0.00 0.00	38.15 0.00 0.00	47.71 0.00 0.00	33.74 0.00 0.00	16.55 0.00 0.00	4.96 0.00 0.00	1.95 0.00 0.00	29.19 0.00 0.00	41.05 0.00 0.00	48.16 0.00 0.00	81.07 0.00 0.00	87.05 0.00 0.00	79.20 0.00 0.00	66.21 0.00 0.00	48.43 0.00 0.00	41.34 0.00 0.00	47.64 0.00 0.00

OAK ORCHARD___HYD 24046	40.20 -1.31 -1.75	34.23 -1.08 -2.33	34.86 -1.13 -2.23	37.55 -1.15 -1.62	42.48 -1.27 -1.16	48.68 -1.41 0.00	63.83 -1.79 0.00	59.49 -2.43 -3.61	40.16 -1.38 -3.39	46.14 -1.58 0.00	35.21 -0.94 -2.41	20.26 -0.46 -4.18	11.48 -0.15 -6.67	8.23 -0.07 -6.35	29.67 -1.27 -1.75	39.48 -1.56 0.00	46.48 -1.69 0.00	77.95 -3.12 0.00	83.65 -3.40 0.00	76.11 -3.10 0.00	63.39 -2.82 0.00	46.22 -2.21 0.00	39.57 -1.76 0.00	45.46 -2.18 0.00
OAKDALE___35_KV_LOAD 356122	43.47 -0.27 -3.98	38.10 -0.18 -5.30	38.71 -0.13 -5.07	40.63 -0.14 -3.68	45.13 -0.09 -2.63	49.82 -0.27 0.00	65.44 -0.18 0.00	66.14 -0.39 -8.22	45.64 -0.23 -7.72	47.55 -0.16 0.00	39.21 -0.03 -5.50	26.00 -0.07 -9.52	20.15 -0.02 -15.21	16.40 -0.02 -14.47	32.97 -0.22 -4.00	40.73 -0.32 0.00	47.97 -0.20 0.00	80.61 -0.46 0.00	86.87 -0.18 0.00	79.04 -0.16 0.00	65.95 -0.25 0.00	48.11 -0.32 0.00	41.14 -0.20 0.00	47.22 -0.42 0.00
OCC_CHEM___DRP 24175	33.99 -3.04 2.73	26.78 -2.60 3.61	26.74 -2.74 4.29	29.45 -2.79 4.85	35.47 -3.07 4.05	46.67 -3.38 0.03	54.30 -4.85 6.46	45.77 -5.89 6.64	30.46 -3.42 4.27	36.07 -4.06 7.58	28.22 -2.49 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.66 -2.40 3.12	31.63 -3.29 6.13	37.59 -3.92 6.66	63.46 -7.66 9.94	69.97 -8.55 8.53	59.60 -7.80 11.81	49.24 -6.74 10.23	41.65 -4.94 1.84	37.45 -3.89 0.00	43.07 -4.57 0.00
OH_GEN_PROXY 24063	34.83 -2.55 2.39	27.67 -2.15 3.16	27.71 -2.26 3.80	30.43 -2.28 4.36	36.38 -2.55 3.66	47.16 -2.90 0.03	55.55 -4.08 5.98	47.42 -5.02 5.87	31.56 -2.90 3.69	37.34 -3.35 7.02	29.08 -2.05 2.61	16.49 -0.97 -0.92	9.27 -0.29 -4.60	6.39 -0.12 -4.56	24.45 -1.98 2.75	32.67 -2.70 5.67	38.78 -3.22 6.17	64.62 -6.52 9.92	71.89 -7.26 7.90	61.66 -6.60 10.94	50.94 -5.79 9.47	42.46 -4.27 1.70	38.01 -3.33 0.00	43.68 -3.96 0.00
OLIN_CORP_DRP 24177	34.08 -3.09 2.59	26.93 -2.63 3.43	26.91 -2.76 4.10	29.61 -2.81 4.67	35.57 -3.11 3.91	46.68 -3.37 0.03	54.48 -4.84 6.30	46.13 -5.84 6.34	30.69 -3.42 4.04	36.20 -4.11 7.39	28.33 -2.55 2.86	16.12 -1.20 -0.77	9.14 -0.36 -4.54	6.31 -0.15 -4.51	23.82 -2.39 2.98	31.68 -3.39 5.98	37.68 -3.99 6.49	63.74 -7.63 9.70	70.38 -8.34 8.32	59.99 -7.69 11.52	49.55 -6.68 9.98	41.83 -4.81 1.79	37.63 -3.71 0.00	43.20 -4.44 0.00
OLIN_CORP_DSASP 323712	34.03 -3.01 2.73	26.83 -2.54 3.61	26.80 -2.67 4.29	29.50 -2.74 4.85	35.49 -3.04 4.05	46.68 -3.38 0.03	54.35 -4.81 6.46	45.83 -5.84 6.64	30.50 -3.38 4.27	36.18 -3.96 7.58	28.26 -2.46 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.73 -2.33 3.12	31.70 -3.22 6.13	37.65 -3.85 6.66	63.53 -7.60 9.94	70.00 -8.52 8.53	59.66 -7.73 11.81	49.28 -6.70 10.23	41.67 -4.93 1.84	37.45 -3.89 0.00	43.07 -4.58 0.00
ONEIDA_HERK_LFGE 323681	41.04 0.75 -0.52	34.27 0.59 -0.70	34.98 0.54 -0.66	38.16 0.60 -0.48	43.75 0.82 -0.35	51.05 0.96 0.00	67.19 1.58 0.00	60.77 1.39 -1.08	40.06 0.90 -1.01	48.55 0.83 0.00	34.76 0.32 -0.70	19.01 0.17 -2.29	8.28 0.03 -3.29	5.00 0.01 -3.04	32.49 0.17 -3.14	43.13 0.40 -1.69	51.81 0.44 -3.20	83.97 1.23 -1.67	90.97 1.45 -2.47	84.45 1.21 -4.04	71.52 1.01 -4.30	49.83 0.63 -0.77	41.82 0.48 0.00	48.02 0.38 0.00
ONEIDA___115KV_TB4 55905	41.44 0.81 -0.87	34.82 0.67 -1.16	35.58 0.70 -1.11	38.69 0.80 -0.81	44.17 1.00 -0.58	51.31 1.22 0.00	67.58 1.96 0.00	61.75 1.64 -1.80	40.90 1.05 -1.69	48.89 1.17 0.00	35.77 0.83 -1.20	18.98 0.38 -2.05	8.32 0.08 -3.28	5.10 0.04 -3.12	30.52 0.47 -0.86	41.76 0.71 0.00	49.13 0.97 0.00	83.01 1.94 0.00	89.49 2.45 0.00	81.37 2.16 0.00	67.91 1.70 0.00	49.50 1.07 0.00	42.17 0.83 0.00	48.42 0.78 0.00
ONONDAGA_REF_OCCRA 23987	40.80 -0.54 -1.58	34.72 -0.36 -2.10	35.45 -0.32 -2.01	38.14 -0.40 -1.46	43.17 -0.46 -1.04	49.50 -0.59 0.00	65.06 -0.56 0.00	60.94 -0.62 -3.26	40.87 -0.34 -3.05	47.37 -0.34 0.00	35.76 -0.15 -2.17	20.16 -0.14 -3.75	10.90 -0.05 -6.00	7.63 -0.03 -5.71	30.33 -0.43 -1.58	40.36 -0.68 0.00	47.50 -0.67 0.00	80.09 -0.98 0.00	86.14 -0.91 0.00	78.38 -0.83 0.00	65.40 -0.81 0.00	47.71 -0.72 0.00	40.72 -0.61 0.00	46.81 -0.83 0.00
ONONDAGA___COGEN 23986	40.76 -0.50 -1.49	34.67 -0.30 -1.99	35.38 -0.29 -1.90	38.13 -0.33 -1.38	43.19 -0.38 -0.99	49.60 -0.49 0.00	65.14 -0.48 0.00	60.88 -0.51 -3.09	40.76 -0.30 -2.90	47.42 -0.29 0.00	35.68 -0.12 -2.06	19.97 -0.13 -3.56	10.59 -0.05 -5.68	7.33 -0.03 -5.41	30.22 -0.46 -1.49	40.31 -0.74 0.00	47.41 -0.76 0.00	79.94 -1.13 0.00	85.96 -1.09 0.00	78.22 -0.98 0.00	65.28 -0.93 0.00	47.62 -0.80 0.00	40.66 -0.68 0.00	46.74 -0.90 0.00
ONTARIO___LFGE 23819	44.31 -0.55 -5.10	39.37 -0.38 -6.77	40.42 -0.36 -7.02	42.92 -0.37 -6.22	47.09 -0.32 -4.82	49.69 -0.42 -0.02	69.40 -0.39 -4.17	68.72 -0.77 -11.19	47.00 -0.38 -9.23	52.00 -0.61 -4.89	40.00 -0.30 -6.56	23.84 -0.27 -7.57	14.76 -0.10 -9.90	11.19 -0.05 -9.30	33.69 -0.86 -5.36	43.87 -1.12 -3.95	51.50 -0.95 -4.29	86.09 -1.38 -6.40	91.51 -1.03 -5.50	85.94 -0.87 -7.61	72.02 -0.78 -6.59	48.99 -0.62 -1.18	40.91 -0.43 0.00	46.85 -0.79 0.00
ORANGEVILLE_WT_PWR 323706	4.60 -3.44 31.72	-11.72 -2.63 42.08	-15.13 -2.66 46.24	-11.72 -2.91 45.89	2.41 -3.19 36.98	45.97 -3.88 0.24	14.61 -5.06 45.95	-19.52 -5.07 72.75	-19.39 -3.22 54.33	-10.38 -4.15 53.94	-7.64 -2.86 38.53	-9.90 -1.45 25.00	-11.32 -0.45 15.83	-11.91 -0.19 13.66	-8.14 -2.74 34.59	-6.36 -3.84 43.57	-3.39 -4.21 47.34	3.43 -6.93 70.71	19.73 -6.63 60.68	-10.52 -5.72 84.00	-11.41 -4.87 72.75	31.70 -3.66 13.06	38.54 -2.80 0.00	43.91 -3.73 0.00
ORANGEVILLE___ESR 323794	4.60 -3.44 31.72	-11.72 -2.63 42.08	-15.13 -2.66 46.24	-11.72 -2.91 45.89	2.41 -3.19 36.98	45.97 -3.88 0.24	14.61 -5.06 45.95	-19.52 -5.07 72.75	-19.39 -3.22 54.33	-10.38 -4.15 53.94	-7.64 -2.86 38.53	-9.90 -1.45 25.00	-11.32 -0.45 15.83	-11.91 -0.19 13.66	-8.14 -2.74 34.59	-6.36 -3.84 43.57	-3.39 -4.21 47.34	3.43 -6.93 70.71	19.73 -6.63 60.68	-10.52 -5.72 84.00	-11.41 -4.87 72.75	31.70 -3.66 13.06	38.54 -2.80 0.00	43.91 -3.73 0.00
OSWEGATCHIE___HYD 24044	43.59 1.93 -1.90	36.36 1.44 -1.94	36.90 1.21 -1.92	40.18 1.31 -1.79	45.32 1.72 -1.01	51.72 1.63 0.00	68.95 2.30 -1.03	61.88 2.01 -1.56	40.57 0.76 -1.65	48.95 0.13 -1.10	34.42 -0.55 -1.23	25.79 -0.27 -9.52	17.26 -0.11 -12.41	13.04 -0.04 -11.13	49.25 -0.75 -20.82	53.19 -0.94 -13.08	71.85 -1.18 -24.86	92.89 -1.13 -12.94	105.04 -1.19 -19.18	109.50 -1.13 -31.42	98.79 -0.80 -33.38	53.97 -0.42 -5.96	41.04 -0.30 0.00	47.22 -0.42 0.00
OSWEGO___5 23606	39.52 -1.33 -1.08	33.40 -1.03 -1.44	34.13 -1.02 -1.38	36.93 -1.14 -1.00	41.96 -1.34 -0.72	48.48 -1.60 0.00	63.59 -2.03 0.00	58.61 -1.93 -2.23	39.05 -1.20 -2.10	46.33 -1.39 0.00	34.36 -0.87 -1.49	18.69 -0.44 -2.58	8.95 -0.13 -4.12	5.81 -0.06 -3.92	29.33 -0.94 -1.08	39.65 -1.40 0.00	46.54 -1.63 0.00	78.37 -2.69 0.00	84.24 -2.80 0.00	76.64 -2.56 0.00	64.01 -2.20 0.00	46.74 -1.69 0.00	39.94 -1.40 0.00	45.97 -1.68 0.00

OSWEGO___6 23613	39.52 -1.33 -1.08	33.40 -1.03 -1.44	34.13 -1.02 -1.38	36.93 -1.14 -1.00	41.96 -1.34 -0.72	48.48 -1.60 0.00	63.59 -2.03 0.00	58.61 -1.93 -2.23	39.05 -1.20 -2.10	46.33 -1.39 0.00	34.36 -0.87 -1.49	18.69 -0.44 -2.58	8.95 -0.13 -4.12	5.81 -0.06 -3.92	29.33 -0.94 -1.08	39.65 -1.40 0.00	46.54 -1.63 0.00	78.37 -2.69 0.00	84.24 -2.80 0.00	76.64 -2.56 0.00	64.01 -2.20 0.00	46.74 -1.69 0.00	39.94 -1.40 0.00	45.97 -1.68 0.00
OUTOKUMPU-AB___DRP 24206	35.22 -2.11 2.44	27.93 -1.83 3.22	27.94 -1.94 3.88	30.69 -1.94 4.46	36.76 -2.08 3.74	47.85 -2.21 0.03	56.29 -3.22 6.11	47.96 -4.35 5.99	31.92 -2.47 3.77	37.66 -2.87 7.18	29.39 -1.69 2.67	16.70 -0.78 -0.94	9.43 -0.24 -4.70	6.51 -0.10 -4.66	24.70 -1.68 2.81	32.85 -2.40 5.80	39.10 -2.76 6.30	66.17 -5.48 9.41	72.98 -6.00 8.08	62.55 -5.48 11.18	51.68 -4.85 9.68	43.12 -3.56 1.74	38.63 -2.71 0.00	44.31 -3.33 0.00
OXBOW___BTM 323836	34.57 -2.61 2.58	27.35 -2.22 3.42	27.35 -2.34 4.08	30.07 -2.36 4.65	36.08 -2.61 3.89	47.20 -2.86 0.03	55.24 -4.09 6.28	46.86 -5.13 6.31	31.19 -2.95 4.02	36.91 -3.43 7.38	28.81 -2.09 2.84	16.34 -0.99 -0.79	9.22 -0.30 -4.55	6.35 -0.12 -4.52	24.20 -2.02 2.97	32.26 -2.82 5.96	38.34 -3.35 6.48	64.80 -6.60 9.67	71.41 -7.33 8.30	61.03 -6.68 11.49	50.42 -5.84 9.95	42.35 -4.29 1.79	37.99 -3.35 0.00	43.62 -4.02 0.00
OXBOW____ 24026	34.55 -2.64 2.58	27.30 -2.27 3.42	27.29 -2.40 4.08	30.02 -2.42 4.65	36.04 -2.65 3.89	47.19 -2.87 0.03	55.21 -4.12 6.28	46.80 -5.19 6.31	31.15 -2.99 4.02	36.81 -3.53 7.38	28.76 -2.13 2.84	16.34 -0.99 -0.79	9.22 -0.30 -4.55	6.35 -0.12 -4.52	24.14 -2.08 2.97	32.18 -2.90 5.96	38.28 -3.41 6.48	64.75 -6.65 9.67	71.38 -7.36 8.30	60.99 -6.72 11.49	50.38 -5.88 9.95	42.34 -4.30 1.79	37.99 -3.35 0.00	43.62 -4.02 0.00
OXY_CHEM_DSASP 323612	33.99 -3.04 2.73	26.78 -2.60 3.61	26.74 -2.74 4.29	29.45 -2.79 4.85	35.47 -3.07 4.05	46.67 -3.38 0.03	54.30 -4.85 6.46	45.77 -5.89 6.64	30.46 -3.42 4.27	36.07 -4.06 7.58	28.22 -2.49 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.66 -2.40 3.12	31.63 -3.29 6.13	37.59 -3.92 6.66	63.46 -7.66 9.94	69.97 -8.55 8.53	59.60 -7.80 11.81	49.24 -6.74 10.23	41.65 -4.94 1.84	37.45 -3.89 0.00	43.07 -4.57 0.00
OZONE_PARK_ESR 323760	54.09 2.24 -12.08	50.85 1.78 -16.08	50.89 1.73 -15.39	50.14 1.88 -11.17	52.79 2.22 -7.98	52.44 2.35 0.00	69.23 3.62 0.00	86.67 3.41 -24.96	63.83 2.27 -23.41	50.63 2.91 0.00	52.37 1.95 -16.68	46.38 0.92 -28.92	51.40 0.25 -46.20	46.01 0.10 -43.96	43.08 1.74 -12.15	43.60 2.56 0.00	50.96 2.80 0.00	85.72 4.66 0.00	92.57 5.53 0.00	84.04 4.84 0.00	69.97 3.76 0.00	51.07 2.64 0.00	43.50 2.17 0.00	49.87 2.23 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	33.99 -3.04 2.73	26.78 -2.60 3.61	26.74 -2.74 4.29	29.45 -2.79 4.85	35.47 -3.07 4.05	46.67 -3.38 0.03	54.30 -4.85 6.46	45.77 -5.89 6.64	30.46 -3.42 4.27	36.07 -4.06 7.58	28.22 -2.49 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.66 -2.40 3.12	31.63 -3.29 6.13	37.59 -3.92 6.66	63.46 -7.66 9.94	69.97 -8.55 8.53	59.60 -7.80 11.81	49.24 -6.74 10.23	41.65 -4.94 1.84	37.45 -3.89 0.00	43.07 -4.57 0.00
PACKARD__115KV_DUPONT_184 80571	33.99 -3.04 2.73	26.78 -2.60 3.61	26.74 -2.74 4.29	29.45 -2.79 4.85	35.47 -3.07 4.05	46.67 -3.38 0.03	54.30 -4.85 6.46	45.77 -5.89 6.64	30.46 -3.42 4.27	36.07 -4.06 7.58	28.22 -2.49 3.02	16.02 -1.16 -0.63	9.01 -0.35 -4.40	6.18 -0.14 -4.38	23.66 -2.40 3.12	31.63 -3.29 6.13	37.59 -3.92 6.66	63.46 -7.66 9.94	69.97 -8.55 8.53	59.60 -7.80 11.81	49.24 -6.74 10.23	41.65 -4.94 1.84	37.45 -3.89 0.00	43.07 -4.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.88 2.03 -12.08	50.71 1.65 -16.08	50.75 1.59 -15.39	49.99 1.73 -11.17	52.57 2.00 -7.98	52.21 2.12 0.00	68.86 3.24 0.00	86.29 3.03 -24.96	63.55 1.98 -23.42	50.20 2.48 0.00	52.07 1.65 -16.68	46.23 0.75 -28.92	51.36 0.20 -46.20	46.00 0.08 -43.97	42.78 1.45 -12.15	43.18 2.13 0.00	50.42 2.25 0.00	84.77 3.70 0.00	91.55 4.50 0.00	83.22 4.02 0.00	69.29 3.08 0.00	50.62 2.20 0.00	43.13 1.79 0.00	49.40 1.76 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.12 2.28 -12.08	51.05 1.98 -16.08	51.10 1.94 -15.39	50.43 2.18 -11.17	53.10 2.53 -7.98	52.85 2.76 0.00	69.81 4.19 0.00	86.99 3.73 -24.96	63.90 2.33 -23.42	50.24 2.53 0.00	52.07 1.65 -16.68	46.23 0.76 -28.92	51.37 0.21 -46.20	46.00 0.08 -43.97	42.79 1.45 -12.15	43.18 2.13 0.00	50.42 2.26 0.00	84.79 3.72 0.00	91.57 4.52 0.00	83.22 4.02 0.00	69.31 3.10 0.00	50.62 2.20 0.00	43.13 1.80 0.00	49.41 1.77 0.00
PATROON__115KV_TB1 80586	56.55 1.91 -14.88	54.39 1.61 -19.79	54.36 1.65 -18.95	52.69 1.84 -13.76	54.51 2.09 -9.82	52.47 2.38 0.00	68.74 3.12 0.00	91.78 2.74 -30.73	68.70 1.71 -28.83	49.87 2.16 0.00	55.79 1.51 -20.54	52.81 0.66 -35.61	62.04 0.20 -56.88	56.15 0.07 -54.13	45.44 1.30 -14.96	43.02 1.97 0.00	50.25 2.08 0.00	84.63 3.56 0.00	91.00 3.95 0.00	82.61 3.41 0.00	68.93 2.73 0.00	50.37 1.94 0.00	42.95 1.61 0.00	49.54 1.89 0.00
PATTRSNVILLE__SOLAR 323815	56.66 1.31 -15.58	54.78 1.07 -20.73	54.69 1.08 -19.85	52.69 1.20 -14.41	54.29 1.41 -10.29	51.72 1.63 0.00	67.90 2.28 0.00	92.29 1.81 -32.19	69.32 0.98 -30.19	48.86 1.15 0.00	56.00 0.75 -21.51	54.09 0.25 -37.29	64.61 0.08 -59.57	58.66 0.03 -56.69	45.42 0.57 -15.66	41.90 0.86 0.00	49.42 1.25 0.00	83.84 2.77 0.00	90.25 3.20 0.00	82.06 2.85 0.00	68.52 2.32 0.00	50.09 1.66 0.00	42.77 1.43 0.00	49.24 1.60 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.56 -1.15 1.06	30.59 -1.00 1.40	30.80 -1.05 1.92	33.52 -0.98 2.59	39.39 -0.95 2.26	49.14 -0.92 0.02	59.60 -1.55 4.47	52.70 -2.72 2.89	35.30 -1.50 1.35	40.83 -1.64 5.24	31.99 -0.80 0.95	18.56 -0.40 -2.41	11.03 -0.13 -6.20	7.92 -0.06 -6.03	26.87 -0.99 1.33	35.53 -1.28 4.24	42.19 -1.36 4.61	70.97 -3.22 6.88	77.91 -3.23 5.90	67.96 -3.07 8.17	56.22 -2.91 7.08	45.03 -2.12 1.27	39.90 -1.44 0.00	45.77 -1.88 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	53.91 2.01 -12.14	50.76 1.62 -16.15	50.83 1.60 -15.46	50.05 1.75 -11.23	52.66 2.05 -8.02	52.38 2.29 0.00	69.04 3.42 0.00	86.52 3.14 -25.07	63.65 1.98 -23.52	50.20 2.49 0.00	52.14 1.65 -16.76	46.38 0.78 -29.05	51.58 0.22 -46.41	46.19 0.08 -44.16	42.84 1.45 -12.20	43.23 2.19 0.00	50.72 2.56 0.00	85.51 4.44 0.00	92.28 5.23 0.00	83.78 4.58 0.00	69.80 3.59 0.00	50.92 2.49 0.00	43.38 2.05 0.00	49.82 2.17 0.00
PEEKSKILL____ 23653	53.40 1.59 -12.04	50.28 1.28 -16.01	50.35 1.25 -15.33	49.56 1.35 -11.13	52.12 1.58 -7.95	51.77 1.68 0.00	68.15 2.53 0.00	85.57 2.40 -24.86	63.04 1.57 -23.32	49.69 1.98 0.00	51.64 1.28 -16.62	45.96 0.61 -28.81	51.15 0.16 -46.02	45.81 0.07 -43.79	42.48 1.19 -12.10	42.86 1.82 0.00	50.23 2.07 0.00	84.58 3.51 0.00	91.26 4.21 0.00	82.83 3.62 0.00	69.02 2.81 0.00	50.36 1.94 0.00	42.93 1.60 0.00	49.30 1.66 0.00

PGE MADISON___WINDPWR 24146	45.25 0.49 -4.99	40.09 0.48 -6.63	40.86 0.55 -6.55	42.85 0.62 -5.16	47.39 0.98 -3.82	51.32 1.22 -0.01	69.47 2.34 -1.51	70.74 1.90 -10.54	48.75 1.16 -9.43	50.70 1.21 -1.77	41.16 0.71 -6.71	27.00 0.20 -10.25	20.59 0.04 -15.59	16.72 -0.01 -14.79	33.83 -0.45 -5.10	41.91 -0.56 -1.43	50.06 0.34 -1.55	85.17 1.78 -2.32	92.48 3.45 -1.99	85.83 3.87 -2.75	72.83 4.24 -2.38	52.33 3.48 -0.43	44.13 2.79 0.00	50.19 2.55 0.00
PIERCEFIELD___HYD 23852	45.72 3.56 -2.40	38.10 2.78 -2.34	38.73 2.63 -2.34	42.23 2.88 -2.27	47.30 3.49 -1.22	53.50 3.41 0.00	71.49 4.36 -1.51	63.55 3.73 -1.51	41.30 1.45 -1.69	50.17 0.84 -1.61	35.38 -0.07 -1.71	29.97 -0.06 -13.49	22.00 -0.04 -17.08	17.18 0.00 -15.24	59.79 -0.23 -30.83	60.39 -0.30 -19.64	85.04 -0.46 -37.33	100.14 -0.36 -19.43	115.27 -0.58 -28.81	125.88 -0.50 -47.18	116.10 -0.24 -50.14	57.65 0.26 -8.95	41.74 0.40 0.00	48.20 0.56 0.00
PINELAWN_CC_1 323563	57.05 2.31 -14.98	52.61 1.79 -17.83	50.89 1.73 -15.39	50.04 1.79 -11.17	52.69 2.12 -7.98	52.33 2.24 0.00	68.40 2.79 0.00	86.21 2.96 -24.95	63.56 2.00 -23.41	50.40 2.68 0.00	52.16 1.74 -16.68	46.31 0.85 -28.91	51.36 0.21 -46.19	45.99 0.08 -43.95	42.88 1.55 -12.14	43.59 2.54 0.00	50.86 2.69 0.00	85.48 4.41 0.00	91.99 4.95 0.00	83.51 4.30 0.00	69.61 3.40 0.00	51.06 2.63 0.00	43.57 2.23 0.00	50.00 2.36 0.00
PJM_GEN_HTP_PROXY 323702	53.65 1.80 -12.08	50.50 1.44 -16.07	50.55 1.39 -15.39	49.76 1.50 -11.17	52.33 1.76 -7.98	51.90 1.81 0.00	66.57 2.83 1.88	85.96 2.70 -24.96	61.75 1.80 -21.80	50.07 2.36 0.00	51.98 1.56 -16.68	46.19 0.72 -28.91	51.35 0.19 -46.20	45.98 0.08 -43.96	42.73 1.40 -12.15	43.14 2.09 0.00	51.88 2.24 -1.48	84.31 3.69 0.45	91.49 4.44 0.00	82.33 3.83 0.70	69.16 2.95 0.00	50.50 2.07 0.00	43.03 1.70 0.00	49.36 1.72 0.00
PJM_GEN_KEystone 24065	47.13 -0.07 -7.44	42.81 -0.07 -9.90	43.16 -0.08 -9.47	43.92 -0.04 -6.88	47.54 0.03 -4.92	49.94 -0.15 0.00	63.70 -0.04 1.88	73.23 -0.44 -15.37	50.71 -0.25 -12.81	47.56 -0.16 0.00	43.95 -0.06 -10.27	34.30 -0.06 -17.81	33.39 -0.02 -28.45	29.01 -0.01 -27.07	36.62 -0.05 -7.48	41.08 0.03 0.00	49.66 0.02 -1.48	80.15 -0.47 0.45	86.95 -0.10 0.00	78.25 -0.26 0.70	65.73 -0.48 0.00	47.90 -0.50 0.03	41.06 -0.27 0.00	47.12 -0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	53.73 1.89 -12.08	50.53 1.48 -16.07	50.58 1.43 -15.39	49.73 1.48 -11.17	52.33 1.76 -7.98	51.88 1.79 0.00	66.07 2.33 1.88	85.69 2.43 -24.95	61.64 1.69 -21.79	50.03 2.32 0.00	51.93 1.51 -16.68	46.19 0.73 -28.91	51.33 0.19 -46.19	45.97 0.07 -43.95	42.71 1.38 -12.14	43.25 2.20 0.00	51.93 2.29 -1.48	84.30 3.67 0.45	91.22 4.17 0.00	82.11 3.60 0.70	69.03 2.82 0.00	50.59 2.16 0.00	43.15 1.82 0.00	49.56 1.92 0.00
PJM_GEN_VFT_PROXY 323633	53.38 1.53 -12.08	50.28 1.22 -16.08	50.32 1.17 -15.39	49.51 1.26 -11.17	52.05 1.48 -7.98	51.59 1.50 0.00	66.16 2.43 1.88	85.57 2.31 -24.96	61.51 1.56 -21.80	49.74 2.03 0.00	51.69 1.31 -16.63	46.07 0.61 -28.92	51.31 0.16 -46.20	45.97 0.07 -43.96	42.55 1.22 -12.15	42.86 1.81 0.00	51.54 1.89 -1.48	83.74 3.12 0.45	90.94 3.89 0.00	81.78 3.27 0.70	68.71 2.50 0.00	49.74 1.73 0.41	42.77 1.43 0.00	49.03 1.39 0.00
PLATSBURG_115KV_PMLD1 355749	-20.03 -1.03 58.76	-20.21 -0.96 52.24	-20.19 -1.04 52.92	-20.09 -1.15 56.02	13.53 -1.24 27.82	48.97 -1.12 0.00	17.67 -1.75 46.20	41.22 -1.21 15.88	13.74 -1.18 23.24	-3.46 -1.77 49.41	-9.43 -1.35 41.82	-20.64 -0.56 36.63	-20.90 -0.13 25.72	-20.96 -0.04 22.87	-20.30 -0.79 48.71	8.63 -1.13 31.29	-12.50 -1.19 59.48	48.44 -1.67 30.97	38.84 -2.31 45.90	1.83 -2.21 75.17	-17.08 -1.78 81.51	30.42 -0.99 17.02	40.83 -0.51 0.00	47.99 0.35 0.00
PLEASANTVLY___LBMP 24000	53.67 1.38 -12.52	50.76 1.12 -16.66	50.81 1.10 -15.95	49.85 1.19 -11.58	52.24 1.38 -8.27	51.55 1.46 0.00	67.80 2.19 0.00	86.23 2.06 -25.87	63.75 1.33 -24.26	49.39 1.68 0.00	52.10 1.08 -17.28	47.01 0.50 -29.97	52.97 0.14 -47.87	47.56 0.05 -45.55	42.78 1.01 -12.59	42.60 1.55 0.00	49.91 1.75 0.00	84.06 2.99 0.00	90.61 3.56 0.00	82.27 3.07 0.00	68.58 2.37 0.00	50.06 1.63 0.00	42.70 1.37 0.00	49.10 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.56 1.65 -12.15	50.47 1.33 -16.16	50.54 1.30 -15.47	49.72 1.41 -11.23	52.26 1.65 -8.02	51.86 1.77 0.00	68.22 2.60 0.00	85.89 2.49 -25.09	63.33 1.64 -23.54	49.81 2.10 0.00	51.87 1.36 -16.77	46.25 0.64 -29.07	51.58 0.17 -46.44	46.21 0.07 -44.20	42.66 1.27 -12.21	42.96 1.91 0.00	50.28 2.12 0.00	84.66 3.59 0.00	91.29 4.24 0.00	82.90 3.70 0.00	69.09 2.88 0.00	50.41 1.98 0.00	42.99 1.65 0.00	49.36 1.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.56 1.65 -12.15	50.47 1.33 -16.16	50.54 1.30 -15.47	49.72 1.41 -11.23	52.26 1.65 -8.02	51.86 1.77 0.00	68.22 2.60 0.00	85.89 2.49 -25.09	63.33 1.64 -23.54	49.81 2.10 0.00	51.87 1.36 -16.77	46.25 0.64 -29.07	51.58 0.17 -46.44	46.21 0.07 -44.20	42.66 1.27 -12.21	42.96 1.91 0.00	50.28 2.12 0.00	84.66 3.59 0.00	91.29 4.24 0.00	82.90 3.70 0.00	69.09 2.88 0.00	50.41 1.98 0.00	42.99 1.65 0.00	49.36 1.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.77 1.73 -12.26	50.71 1.40 -16.32	50.78 1.39 -15.62	49.94 1.52 -11.34	52.45 1.76 -8.10	52.04 1.95 0.00	68.53 2.91 0.00	86.33 2.69 -25.34	63.59 1.67 -23.77	49.80 2.09 0.00	52.03 1.36 -16.93	46.54 0.64 -29.35	52.03 0.17 -46.89	46.64 0.07 -44.62	42.69 1.18 -12.33	42.85 1.81 0.00	50.34 2.18 0.00	84.96 3.89 0.00	91.65 4.60 0.00	83.23 4.02 0.00	69.33 3.12 0.00	50.59 2.16 0.00	43.13 1.80 0.00	49.57 1.93 0.00
POLETTI___ 23519	53.72 1.87 -12.08	50.55 1.49 -16.08	50.60 1.44 -15.39	49.81 1.56 -11.17	52.38 1.81 -7.98	51.93 1.84 0.00	68.44 2.83 0.00	86.00 2.74 -24.96	63.41 1.85 -23.41	50.13 2.41 0.00	52.00 1.58 -16.68	46.19 0.73 -28.92	51.35 0.19 -46.20	45.99 0.08 -43.96	42.79 1.46 -12.15	43.19 2.14 0.00	50.45 2.29 0.00	84.84 3.77 0.00	91.64 4.60 0.00	83.17 3.97 0.00	69.28 3.07 0.00	50.57 2.14 0.00	43.10 1.76 0.00	49.42 1.78 0.00
POMONA___ESR 323819	52.74 1.42 -11.56	49.50 1.14 -15.37	49.60 1.12 -14.72	48.97 1.20 -10.69	51.64 1.42 -7.63	51.58 1.49 0.00	67.92 2.30 0.00	84.31 2.14 -23.87	61.91 1.37 -22.39	49.45 1.73 0.00	50.79 1.09 -15.95	44.72 0.52 -27.65	49.28 0.14 -44.18	44.04 0.06 -42.04	41.86 1.06 -11.62	42.64 1.59 0.00	49.96 1.80 0.00	84.12 3.05 0.00	90.75 3.70 0.00	82.35 3.14 0.00	68.65 2.44 0.00	50.06 1.63 0.00	42.70 1.36 0.00	49.02 1.38 0.00
PORT_JEFF_3 23555	55.55 2.32 -13.47	51.68 1.79 -16.91	50.89 1.73 -15.39	50.04 1.79 -11.17	52.72 2.15 -7.98	52.27 2.18 0.00	68.11 2.50 0.00	86.07 2.81 -24.95	63.58 2.01 -23.41	50.52 2.81 0.00	52.19 1.77 -16.68	46.32 0.86 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.89 1.55 -12.14	43.62 2.57 0.00	50.77 2.61 0.00	85.40 4.33 0.00	91.84 4.79 0.00	83.19 3.99 0.00	69.35 3.14 0.00	50.99 2.56 0.00	43.54 2.21 0.00	49.97 2.33 0.00

PORT_JEFF_4 23616	55.55 2.32 -13.47	51.68 1.79 -16.91	50.89 1.73 -15.39	50.04 1.79 -11.17	52.72 2.15 -7.98	52.27 2.18 0.00	68.11 2.50 0.00	86.07 2.81 -24.95	63.58 2.01 -23.41	50.52 2.81 0.00	52.19 1.77 -16.68	46.32 0.86 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.89 1.55 -12.14	43.62 2.57 0.00	50.77 2.61 0.00	85.40 4.33 0.00	91.84 4.79 0.00	83.19 3.99 0.00	69.35 3.14 0.00	50.99 2.56 0.00	43.54 2.21 0.00	49.97 2.33 0.00
PORT_JEFF_IC 23713	55.60 2.33 -13.51	51.72 1.80 -16.93	50.89 1.73 -15.39	50.04 1.79 -11.17	52.72 2.15 -7.98	52.27 2.18 0.00	68.12 2.50 0.00	86.11 2.85 -24.95	63.60 2.04 -23.41	50.55 2.83 0.00	52.20 1.78 -16.68	46.32 0.86 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.90 1.57 -12.14	43.64 2.60 0.00	50.78 2.61 0.00	85.41 4.35 0.00	91.92 4.87 0.00	83.21 4.01 0.00	69.37 3.16 0.00	51.01 2.58 0.00	43.56 2.22 0.00	49.97 2.33 0.00
PPL_PILGRIM_ST_GT1 24216	56.01 2.53 -13.71	52.02 1.97 -17.06	51.07 1.92 -15.39	50.25 1.99 -11.17	52.93 2.36 -7.98	52.41 2.32 0.00	67.97 2.35 0.00	86.23 2.97 -24.95	63.63 2.06 -23.41	50.60 2.88 0.00	52.34 1.92 -16.68	46.40 0.94 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.06 1.73 -12.14	43.84 2.80 0.00	51.10 2.93 0.00	85.82 4.75 0.00	91.71 4.66 0.00	83.55 4.34 0.00	69.85 3.64 0.00	51.28 2.85 0.00	43.78 2.44 0.00	50.21 2.57 0.00
PPL_PILGRIM_ST_GT2 24217	56.01 2.53 -13.71	52.02 1.97 -17.06	51.07 1.92 -15.39	50.25 1.99 -11.17	52.93 2.36 -7.98	52.41 2.32 0.00	67.97 2.35 0.00	86.23 2.97 -24.95	63.63 2.06 -23.41	50.60 2.88 0.00	52.34 1.92 -16.68	46.40 0.94 -28.91	51.39 0.24 -46.19	45.99 0.09 -43.95	43.06 1.73 -12.14	43.84 2.80 0.00	51.10 2.93 0.00	85.82 4.75 0.00	91.71 4.66 0.00	83.55 4.34 0.00	69.85 3.64 0.00	51.28 2.85 0.00	43.78 2.44 0.00	50.21 2.57 0.00
PPL_SHRM_GT3 24213	55.28 2.03 -13.48	51.45 1.54 -16.92	50.63 1.48 -15.39	49.77 1.51 -11.17	52.45 1.89 -7.98	51.79 1.71 0.00	67.27 1.65 0.00	85.56 2.30 -24.95	63.35 1.79 -23.41	50.37 2.66 0.00	52.07 1.65 -16.68	46.26 0.80 -28.91	51.35 0.20 -46.19	45.97 0.06 -43.95	42.66 1.33 -12.14	43.33 2.29 0.00	50.14 1.97 0.00	84.43 3.36 0.00	90.92 3.88 0.00	81.98 2.78 0.00	68.32 2.11 0.00	50.43 2.00 0.00	43.12 1.79 0.00	49.53 1.89 0.00
PPL_SHRM_GT4 24214	55.28 2.03 -13.48	51.45 1.54 -16.92	50.63 1.48 -15.39	49.77 1.51 -11.17	52.45 1.89 -7.98	51.79 1.71 0.00	67.27 1.65 0.00	85.56 2.30 -24.95	63.35 1.79 -23.41	50.37 2.66 0.00	52.07 1.65 -16.68	46.26 0.80 -28.91	51.35 0.20 -46.19	45.97 0.06 -43.95	42.66 1.33 -12.14	43.33 2.29 0.00	50.14 1.97 0.00	84.43 3.36 0.00	90.92 3.88 0.00	81.98 2.78 0.00	68.32 2.11 0.00	50.43 2.00 0.00	43.12 1.79 0.00	49.53 1.89 0.00
PROJECT___ORANGE 1 24174	40.25 -0.86 -1.35	34.15 -0.63 -1.79	34.89 -0.60 -1.72	37.63 -0.69 -1.25	42.68 -0.80 -0.89	49.10 -0.99 0.00	64.51 -1.11 0.00	59.95 -1.14 -2.78	40.09 -0.67 -2.61	47.00 -0.72 0.00	35.21 -0.38 -1.86	19.51 -0.24 -3.21	10.00 -0.08 -5.12	6.78 -0.04 -4.87	29.93 -0.60 -1.35	40.11 -0.93 0.00	47.17 -1.00 0.00	79.47 -1.60 0.00	85.39 -1.65 0.00	77.69 -1.52 0.00	64.83 -1.38 0.00	47.29 -1.14 0.00	40.39 -0.94 0.00	46.44 -1.20 0.00
PROJECT___ORANGE 2 24166	40.25 -0.86 -1.35	34.15 -0.63 -1.79	34.89 -0.60 -1.72	37.63 -0.69 -1.25	42.68 -0.80 -0.89	49.10 -0.99 0.00	64.51 -1.11 0.00	59.95 -1.14 -2.78	40.09 -0.67 -2.61	47.00 -0.72 0.00	35.21 -0.38 -1.86	19.51 -0.24 -3.21	10.00 -0.08 -5.12	6.78 -0.04 -4.87	29.93 -0.60 -1.35	40.11 -0.93 0.00	47.17 -1.00 0.00	79.47 -1.60 0.00	85.39 -1.65 0.00	77.69 -1.52 0.00	64.83 -1.38 0.00	47.29 -1.14 0.00	40.39 -0.94 0.00	46.44 -1.20 0.00
PUCKETT___SOLAR 323809	43.76 -0.11 -4.11	38.41 -0.04 -5.46	39.02 0.02 -5.23	40.89 0.02 -3.80	45.44 0.14 -2.71	50.12 0.03 0.00	66.01 0.39 0.00	66.97 0.19 -8.48	46.25 0.14 -7.95	47.88 0.16 0.00	39.48 0.08 -5.66	26.24 -0.12 -9.81	20.60 -0.05 -15.68	16.84 -0.03 -14.92	32.78 -0.53 -4.12	40.34 -0.70 0.00	47.89 -0.27 0.00	81.07 0.00 0.00	87.77 0.73 0.00	80.13 0.93 0.00	67.05 0.84 0.00	48.97 0.55 0.00	41.79 0.45 0.00	47.88 0.24 0.00
PYRITES___HYD 24023	47.03 4.87 -2.40	39.18 3.86 -2.34	39.84 3.74 -2.34	43.44 4.09 -2.27	48.74 4.93 -1.22	55.29 5.20 0.00	74.08 6.95 -1.51	65.64 5.83 -1.51	42.19 2.35 -1.69	51.02 1.69 -1.61	35.77 0.42 -1.62	29.22 0.17 -12.50	20.83 0.04 -15.83	16.11 0.03 -14.13	58.17 0.41 -28.57	59.84 0.59 -18.20	83.18 0.42 -34.60	100.57 1.48 -18.01	115.64 1.90 -26.70	124.72 1.78 -43.73	114.29 1.62 -46.47	58.29 1.56 -8.30	42.74 1.41 0.00	49.31 1.67 0.00
QUAKERRD_115KV_BK1 80622	39.47 -1.98 -1.70	33.63 -1.61 -2.25	34.25 -1.67 -2.16	36.88 -1.77 -1.57	41.73 -1.98 -1.12	47.83 -2.26 0.00	62.72 -2.90 0.00	58.55 -3.25 -3.50	39.49 -1.95 -3.28	45.41 -2.30 0.00	34.62 -1.46 -2.33	19.87 -0.72 -4.04	11.19 -0.23 -6.46	7.99 -0.10 -6.14	29.11 -1.77 -1.70	38.81 -2.24 0.00	45.73 -2.44 0.00	76.78 -4.29 0.00	82.39 -4.66 0.00	74.93 -4.27 0.00	62.45 -3.76 0.00	45.56 -2.87 0.00	38.98 -2.36 0.00	44.78 -2.85 0.00
QUEENSBRY_115KV_TB8 356137	58.98 4.16 -15.06	56.46 3.44 -20.04	56.22 3.28 -19.18	54.71 3.70 -13.93	57.02 4.48 -9.95	55.43 5.34 0.00	72.66 7.04 0.00	95.80 6.39 -31.11	71.01 3.68 -29.18	51.88 4.17 0.00	57.68 3.15 -20.79	54.05 1.46 -36.04	63.00 0.45 -57.58	56.91 0.17 -54.79	46.88 2.55 -15.14	44.88 3.83 0.00	53.14 4.97 0.00	89.86 8.79 0.00	96.81 9.76 0.00	87.65 8.45 0.00	72.89 6.68 0.00	53.04 4.61 0.00	44.92 3.59 0.00	51.65 4.01 0.00
RAMAPO___LBMP 323565	52.43 1.23 -11.44	49.19 0.99 -15.21	49.31 0.98 -14.57	48.70 1.04 -10.57	51.39 1.24 -7.55	51.38 1.29 0.00	67.66 2.04 0.00	83.81 1.88 -23.62	61.52 1.21 -22.16	49.21 1.49 0.00	50.44 0.91 -15.78	44.34 0.43 -27.36	48.79 0.12 -43.72	43.59 0.05 -41.60	41.59 0.91 -11.49	42.43 1.38 0.00	49.71 1.54 0.00	83.69 2.62 0.00	90.32 3.28 0.00	81.95 2.75 0.00	68.34 2.12 0.00	49.82 1.39 0.00	42.50 1.16 0.00	48.81 1.17 0.00
RANKINE____ 23646	36.79 -1.53 1.45	29.74 -1.33 1.92	29.88 -1.41 2.48	32.60 -1.36 3.12	38.54 -1.37 2.68	48.61 -1.45 0.03	58.53 -2.16 4.93	51.19 -3.34 3.77	34.23 -1.88 2.05	39.81 -2.13 5.78	31.17 -1.13 1.44	17.98 -0.55 -1.98	10.54 -0.17 -5.75	7.49 -0.07 -5.62	26.18 -1.25 1.75	34.70 -1.67 4.68	41.28 -1.81 5.08	69.53 -3.96 7.59	76.38 -4.16 6.51	66.35 -3.84 9.01	54.83 -3.57 7.80	44.39 -2.64 1.40	39.41 -1.92 0.00	45.20 -2.44 0.00
RAVENSWOOD_GT2_1 24244	53.73 1.88 -12.08	50.56 1.50 -16.08	50.61 1.46 -15.39	49.83 1.58 -11.17	52.41 1.84 -7.98	52.01 1.92 0.00	68.57 2.96 0.00	86.08 2.82 -24.96	63.46 1.89 -23.41	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.82 1.49 -12.15	43.24 2.20 0.00	50.52 2.36 0.00	84.93 3.86 0.00	91.70 4.65 0.00	83.19 3.99 0.00	69.30 3.10 0.00	50.60 2.17 0.00	43.12 1.78 0.00	49.43 1.79 0.00

RAVENSWOOD_GT2_2 24245	53.73 1.88 -12.08	50.56 1.50 -16.08	50.61 1.46 -15.39	49.83 1.58 -11.17	52.41 1.84 -7.98	52.01 1.92 0.00	68.57 2.96 0.00	86.08 2.82 -24.96	63.46 1.89 -23.41	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.82 1.49 -12.15	43.24 2.20 0.00	50.52 2.36 0.00	84.93 3.86 0.00	91.70 4.65 0.00	83.19 3.99 0.00	69.30 3.10 0.00	50.60 2.17 0.00	43.12 1.78 0.00	49.43 1.79 0.00
RAVENSWOOD_GT2_3 24246	53.75 1.90 -12.08	50.58 1.52 -16.08	50.62 1.47 -15.39	49.84 1.58 -11.17	52.42 1.86 -7.98	52.04 1.95 0.00	68.60 2.98 0.00	86.11 2.84 -24.96	63.48 1.91 -23.41	50.20 2.48 0.00	52.06 1.64 -16.68	46.23 0.77 -28.92	51.36 0.21 -46.20	45.99 0.08 -43.96	42.84 1.51 -12.15	43.26 2.22 0.00	50.55 2.38 0.00	84.99 3.92 0.00	91.72 4.67 0.00	83.25 4.05 0.00	69.35 3.14 0.00	50.61 2.19 0.00	43.13 1.80 0.00	49.45 1.81 0.00
RAVENSWOOD_GT2_4 24247	53.75 1.90 -12.08	50.58 1.52 -16.08	50.62 1.47 -15.39	49.84 1.58 -11.17	52.42 1.86 -7.98	52.04 1.95 0.00	68.60 2.98 0.00	86.11 2.84 -24.96	63.48 1.91 -23.41	50.20 2.48 0.00	52.06 1.64 -16.68	46.23 0.77 -28.92	51.36 0.21 -46.20	45.99 0.08 -43.96	42.84 1.51 -12.15	43.26 2.22 0.00	50.55 2.38 0.00	84.99 3.92 0.00	91.72 4.67 0.00	83.25 4.05 0.00	69.35 3.14 0.00	50.61 2.19 0.00	43.13 1.80 0.00	49.45 1.81 0.00
RAVENSWOOD_GT3_1 24248	53.73 1.88 -12.08	50.56 1.50 -16.08	50.61 1.46 -15.39	49.83 1.58 -11.17	52.41 1.84 -7.98	52.01 1.92 0.00	68.57 2.96 0.00	86.08 2.82 -24.96	63.46 1.89 -23.41	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.82 1.49 -12.15	43.24 2.20 0.00	50.52 2.36 0.00	84.94 3.87 0.00	91.70 4.66 0.00	83.19 3.99 0.00	69.30 3.10 0.00	50.60 2.17 0.00	43.12 1.78 0.00	49.43 1.79 0.00
RAVENSWOOD_GT3_2 24249	53.73 1.88 -12.08	50.56 1.50 -16.08	50.61 1.46 -15.39	49.83 1.58 -11.17	52.41 1.84 -7.98	52.01 1.92 0.00	68.57 2.96 0.00	86.08 2.82 -24.96	63.46 1.89 -23.41	50.18 2.47 0.00	52.05 1.63 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.82 1.49 -12.15	43.24 2.20 0.00	50.52 2.36 0.00	84.94 3.87 0.00	91.70 4.66 0.00	83.19 3.99 0.00	69.30 3.10 0.00	50.60 2.17 0.00	43.12 1.78 0.00	49.43 1.79 0.00
RAVENSWOOD_GT3_3 24250	53.79 1.95 -12.08	50.61 1.55 -16.08	50.65 1.50 -15.39	49.87 1.62 -11.17	52.47 1.90 -7.98	52.10 2.01 0.00	68.68 3.06 0.00	86.17 2.91 -24.96	63.52 1.95 -23.41	50.26 2.54 0.00	52.11 1.69 -16.68	46.25 0.79 -28.92	51.37 0.21 -46.20	45.99 0.09 -43.96	42.87 1.54 -12.15	43.32 2.27 0.00	50.62 2.45 0.00	85.08 4.01 0.00	91.82 4.77 0.00	83.34 4.14 0.00	69.41 3.21 0.00	50.67 2.24 0.00	43.18 1.84 0.00	49.50 1.86 0.00
RAVENSWOOD_GT3_4 24251	53.79 1.95 -12.08	50.61 1.55 -16.08	50.65 1.50 -15.39	49.87 1.62 -11.17	52.47 1.90 -7.98	52.10 2.01 0.00	68.68 3.06 0.00	86.17 2.91 -24.96	63.52 1.95 -23.41	50.26 2.54 0.00	52.11 1.69 -16.68	46.25 0.79 -28.92	51.37 0.21 -46.20	45.99 0.09 -43.96	42.87 1.54 -12.15	43.32 2.27 0.00	50.62 2.45 0.00	85.08 4.01 0.00	91.82 4.77 0.00	83.34 4.14 0.00	69.41 3.21 0.00	50.67 2.24 0.00	43.18 1.84 0.00	49.50 1.86 0.00
RAVENSWOOD_GT_1 23729	55.58 2.05 -13.78	52.82 1.64 -18.20	52.76 1.59 -17.41	52.15 1.73 -13.35	54.42 2.02 -9.82	53.92 2.15 -1.68	69.60 3.29 -0.69	86.37 3.11 -24.96	66.08 2.11 -25.82	53.20 2.70 -2.78	54.24 1.82 -18.68	49.40 0.86 -32.00	53.63 0.23 -48.44	49.28 0.09 -47.24	47.24 1.66 -16.39	47.68 2.44 -4.19	53.87 2.60 -3.11	89.22 4.17 -3.98	92.30 4.97 -0.28	88.86 4.32 -5.34	78.78 3.35 -9.22	60.29 2.36 -9.51	47.20 1.94 -3.93	51.99 1.94 -2.41
RAVENSWOOD_GT_10 24258	53.92 1.88 -12.28	50.80 1.49 -16.32	50.84 1.45 -15.62	50.08 1.57 -11.43	52.62 1.83 -8.19	52.19 1.91 -0.19	68.65 2.95 -0.08	86.08 2.82 -24.96	63.73 1.88 -23.69	50.49 2.45 -0.32	52.27 1.62 -16.91	46.57 0.76 -29.27	51.59 0.20 -46.43	46.30 0.08 -44.27	43.17 1.48 -12.50	43.59 2.19 -0.36	50.80 2.36 -0.28	85.38 3.85 -0.46	91.70 4.63 -0.03	83.80 3.99 -0.61	70.37 3.10 -1.07	51.69 2.16 -1.10	43.57 1.78 -0.45	49.71 1.79 -0.28
RAVENSWOOD_GT_11 24259	53.92 1.88 -12.28	50.80 1.49 -16.32	50.84 1.45 -15.62	50.08 1.57 -11.43	52.62 1.83 -8.19	52.19 1.91 -0.19	68.65 2.95 -0.08	86.08 2.82 -24.96	63.73 1.88 -23.69	50.49 2.45 -0.32	52.27 1.62 -16.91	46.57 0.76 -29.27	51.59 0.20 -46.43	46.30 0.08 -44.27	43.17 1.48 -12.50	43.59 2.19 -0.36	50.80 2.36 -0.28	85.38 3.85 -0.46	91.70 4.63 -0.03	83.80 3.99 -0.61	70.37 3.10 -1.07	51.69 2.16 -1.10	43.57 1.78 -0.45	49.71 1.79 -0.28
RAVENSWOOD_GT_4 24252	54.99 1.85 -13.37	52.16 1.48 -17.69	52.12 1.43 -16.93	51.45 1.55 -12.83	53.78 1.81 -9.38	53.26 1.89 -1.28	69.04 2.90 -0.53	86.03 2.77 -24.96	65.24 1.86 -25.23	52.25 2.42 -2.11	53.54 1.59 -18.20	48.55 0.74 -31.26	52.89 0.20 -47.74	48.04 0.08 -46.01	45.11 1.45 -14.47	45.55 2.16 -2.35	52.34 2.33 -1.85	87.94 3.84 -3.03	91.84 4.58 -0.21	87.24 3.97 -4.07	76.31 3.07 -7.02	57.80 2.13 -7.24	46.09 1.76 -2.99	51.26 1.78 -1.84
RAVENSWOOD_GT_5 24254	54.99 1.85 -13.37	52.16 1.48 -17.69	52.12 1.43 -16.93	51.45 1.55 -12.83	53.78 1.81 -9.38	53.26 1.89 -1.28	69.04 2.90 -0.53	86.03 2.77 -24.96	65.24 1.86 -25.23	52.25 2.42 -2.11	53.54 1.59 -18.20	48.55 0.74 -31.26	52.89 0.20 -47.74	48.04 0.08 -46.01	45.11 1.45 -14.47	45.55 2.16 -2.35	52.34 2.33 -1.85	87.94 3.84 -3.03	91.84 4.58 -0.21	87.24 3.97 -4.07	76.31 3.07 -7.02	57.80 2.13 -7.24	46.09 1.76 -2.99	51.26 1.78 -1.84
RAVENSWOOD_GT_6 24253	54.99 1.85 -13.37	52.16 1.48 -17.69	52.12 1.43 -16.93	51.45 1.55 -12.83	53.78 1.81 -9.38	53.26 1.89 -1.28	69.04 2.90 -0.53	86.03 2.77 -24.96	65.24 1.86 -25.23	52.25 2.42 -2.11	53.54 1.59 -18.20	48.55 0.74 -31.26	52.89 0.20 -47.74	48.04 0.08 -46.01	45.11 1.45 -14.47	45.55 2.16 -2.35	52.34 2.33 -1.85	87.94 3.84 -3.03	91.84 4.58 -0.21	87.24 3.97 -4.07	76.31 3.07 -7.02	57.80 2.13 -7.24	46.09 1.76 -2.99	51.26 1.78 -1.84
RAVENSWOOD_GT_7 24255	54.99 1.85 -13.37	52.16 1.48 -17.69	52.12 1.43 -16.93	51.45 1.55 -12.83	53.78 1.81 -9.38	53.26 1.89 -1.28	69.04 2.90 -0.53	86.03 2.77 -24.96	65.24 1.86 -25.23	52.25 2.42 -2.11	53.54 1.59 -18.20	48.55 0.74 -31.26	52.89 0.20 -47.74	48.04 0.08 -46.01	45.11 1.45 -14.47	45.55 2.16 -2.35	52.34 2.33 -1.85	87.94 3.84 -3.03	91.84 4.58 -0.21	87.24 3.97 -4.07	76.31 3.07 -7.02	57.80 2.13 -7.24	46.09 1.76 -2.99	51.26 1.78 -1.84
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.92 1.88 -12.28	50.80 1.49 -16.32	50.84 1.45 -15.62	50.08 1.57 -11.43	52.62 1.83 -8.19	52.19 1.91 -0.19	68.65 2.95 -0.08	86.08 2.82 -24.96	63.73 1.88 -23.69	50.49 2.45 -0.32	52.27 1.62 -16.91	46.57 0.76 -29.27	51.59 0.20 -46.43	46.30 0.08 -44.27	43.17 1.48 -12.50	43.59 2.19 -0.36	50.80 2.36 -0.28	85.38 3.85 -0.46	91.70 4.63 -0.03	83.80 3.99 -0.61	70.37 3.10 -1.07	51.69 2.16 -1.10	43.57 1.78 -0.45	49.71 1.79 -0.28

RAVENSWOOD_GT_9 24257	53.92 1.88 -12.28	50.80 1.49 -16.32	50.84 1.45 -15.62	50.08 1.57 -11.43	52.62 1.83 -8.19	52.19 1.91 -0.19	68.65 2.95 -0.08	86.08 2.82 -24.96	63.73 1.88 -23.69	50.49 2.45 -0.32	52.27 1.62 -16.91	46.57 0.76 -29.27	51.59 0.20 -46.43	46.30 0.08 -44.27	43.17 1.48 -12.50	43.59 2.19 -0.36	50.80 2.36 -0.28	85.38 3.85 -0.46	91.70 4.63 -0.03	83.80 3.99 -0.61	70.37 3.10 -1.07	51.69 2.16 -1.10	43.57 1.78 -0.45	49.71 1.79 -0.28
RAVENSWOOD___1 23533	52.18 2.00 -10.42	48.58 1.61 -13.99	48.73 1.56 -13.41	47.81 1.69 -9.04	50.73 1.97 -6.17	50.52 2.09 1.65	68.14 3.20 0.68	86.31 3.05 -24.96	61.27 2.06 -21.06	47.62 2.64 2.74	50.23 1.78 -14.71	43.28 0.84 -25.89	49.40 0.22 -44.21	43.36 0.09 -41.31	39.93 1.61 -9.14	40.39 2.38 3.04	48.30 2.53 2.39	81.22 4.07 3.92	91.61 4.84 0.28	78.15 4.20 5.26	60.39 3.26 9.08	41.38 2.31 9.36	39.35 1.88 3.87	47.13 1.87 2.38
RAVENSWOOD___2 23534	52.18 2.00 -10.42	48.58 1.61 -13.99	48.73 1.56 -13.41	47.81 1.69 -9.04	50.73 1.97 -6.17	50.52 2.09 1.65	68.14 3.20 0.68	86.31 3.05 -24.96	61.27 2.06 -21.06	47.62 2.64 2.74	50.23 1.78 -14.71	43.28 0.84 -25.89	49.40 0.22 -44.21	43.36 0.09 -41.31	39.93 1.61 -9.14	40.39 2.38 3.04	48.30 2.53 2.39	81.22 4.07 3.92	91.61 4.84 0.28	78.15 4.20 5.26	60.39 3.26 9.08	41.38 2.31 9.36	39.35 1.88 3.87	47.13 1.87 2.38
RAVENSWOOD___3 23535	53.73 1.88 -12.08	50.56 1.50 -16.08	50.62 1.46 -15.39	49.83 1.58 -11.17	52.40 1.83 -7.98	52.01 1.92 0.00	68.56 2.95 0.00	86.08 2.82 -24.96	63.46 1.89 -23.41	50.16 2.45 0.00	52.05 1.63 -16.68	46.22 0.76 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.96	42.81 1.48 -12.15	43.23 2.18 0.00	50.52 2.36 0.00	84.92 3.85 0.00	91.68 4.63 0.00	83.19 3.98 0.00	69.30 3.09 0.00	50.60 2.17 0.00	43.12 1.78 0.00	49.44 1.80 0.00
RAVENSWOOD___4 23820	52.18 2.00 -10.42	48.58 1.61 -13.99	48.73 1.56 -13.41	47.81 1.69 -9.04	50.73 1.97 -6.17	50.52 2.09 1.65	68.14 3.20 0.68	86.31 3.05 -24.96	61.27 2.06 -21.06	47.62 2.64 2.74	50.23 1.78 -14.71	43.28 0.84 -25.89	49.40 0.22 -44.21	43.36 0.09 -41.31	39.93 1.61 -9.14	40.39 2.38 3.04	48.30 2.53 2.39	81.22 4.07 3.92	91.61 4.84 0.28	78.15 4.20 5.26	60.39 3.26 9.08	41.38 2.31 9.36	39.35 1.88 3.87	47.13 1.87 2.38
RCPL_TRUST___DRP 24196	53.68 1.83 -12.08	50.52 1.46 -16.07	50.56 1.41 -15.39	49.77 1.52 -11.17	52.36 1.79 -7.98	51.94 1.85 0.00	68.50 2.88 0.00	86.01 2.76 -24.96	63.41 1.84 -23.41	50.13 2.42 0.00	52.01 1.60 -16.68	46.20 0.74 -28.91	51.35 0.20 -46.20	45.99 0.08 -43.96	42.78 1.45 -12.15	43.19 2.15 0.00	50.46 2.29 0.00	84.84 3.77 0.00	91.60 4.55 0.00	83.11 3.91 0.00	69.24 3.03 0.00	50.55 2.12 0.00	43.06 1.73 0.00	49.37 1.73 0.00
RED___ROCHESTER 323720	40.50 -1.00 -1.74	34.47 -0.83 -2.32	35.09 -0.89 -2.22	37.81 -0.88 -1.61	42.78 -0.96 -1.15	49.06 -1.03 0.00	64.34 -1.27 0.00	59.91 -1.99 -3.60	40.43 -1.10 -3.37	46.51 -1.21 0.00	35.43 -0.71 -2.40	20.36 -0.34 -4.16	11.48 -0.12 -6.64	8.21 -0.05 -6.32	29.81 -1.12 -1.75	39.79 -1.26 0.00	46.89 -1.27 0.00	78.66 -2.41 0.00	84.43 -2.62 0.00	76.81 -2.39 0.00	63.96 -2.25 0.00	46.63 -1.80 0.00	39.91 -1.43 0.00	45.80 -1.84 0.00
REGAN___SOLAR 323812	58.25 2.25 -16.24	56.39 1.80 -21.60	56.25 1.81 -20.68	54.09 2.00 -15.01	55.72 2.41 -10.72	53.04 2.95 0.00	69.84 4.22 0.00	94.98 3.15 -33.53	71.06 1.45 -31.45	49.41 1.70 0.00	56.97 0.82 -22.41	55.50 0.11 -38.85	67.09 0.07 -62.07	61.03 0.02 -59.06	46.21 0.70 -16.32	41.79 0.74 0.00	49.67 1.51 0.00	85.97 4.90 0.00	92.84 5.79 0.00	84.42 5.22 0.00	70.54 4.34 0.00	51.46 3.04 0.00	43.87 2.53 0.00	50.42 2.78 0.00
RENSSELAER___COGEN 23796	55.77 1.41 -14.59	53.61 1.21 -19.41	53.60 1.25 -18.58	51.97 1.39 -13.49	53.80 1.57 -9.64	51.83 1.75 0.00	67.91 2.29 0.00	90.45 2.00 -30.14	67.68 1.25 -28.27	49.28 1.56 0.00	54.93 1.05 -20.14	51.93 0.46 -34.92	60.89 0.14 -55.79	55.09 0.05 -53.09	44.75 0.90 -14.67	42.42 1.38 0.00	49.84 1.68 0.00	84.17 3.11 0.00	90.54 3.49 0.00	82.21 3.00 0.00	68.61 2.40 0.00	50.15 1.72 0.00	42.78 1.44 0.00	49.34 1.69 0.00
REPUBLIC_115KV_BARTNBRK 55605	61.32 6.50 -15.06	58.38 5.36 -20.03	57.93 4.99 -19.18	56.60 5.60 -13.92	59.38 6.85 -9.95	58.24 8.15 0.00	76.21 10.59 0.00	99.14 9.74 -31.10	72.88 5.55 -29.17	53.68 5.97 0.00	59.08 4.56 -20.78	54.71 2.13 -36.03	63.19 0.67 -57.56	56.97 0.25 -54.78	48.23 3.91 -15.13	46.92 5.87 0.00	55.61 7.44 0.00	93.74 12.67 0.00	101.05 14.00 0.00	91.41 12.21 0.00	75.65 9.44 0.00	55.48 7.05 0.00	47.12 5.78 0.00	54.03 6.39 0.00
REVERE_CPDR_DRP 24186	41.80 1.28 -0.76	35.04 1.04 -1.02	35.78 1.04 -0.97	38.94 1.15 -0.71	44.53 1.44 -0.51	51.86 1.77 0.00	68.34 2.72 0.00	62.19 2.31 -1.58	41.15 1.51 -1.48	49.37 1.66 0.00	35.88 1.10 -1.04	18.86 0.54 -1.77	7.91 0.12 -2.83	4.70 0.06 -2.69	30.66 0.73 -0.74	42.16 1.11 0.00	49.62 1.45 0.00	83.96 2.89 0.00	90.44 3.39 0.00	82.15 2.95 0.00	68.56 2.35 0.00	49.95 1.52 0.00	42.55 1.21 0.00	48.82 1.18 0.00
REYNOLDS_115KV_TB3 80639	55.89 1.43 -14.70	53.78 1.24 -19.55	53.73 1.25 -18.72	52.09 1.42 -13.59	53.85 1.56 -9.71	51.82 1.73 0.00	67.74 2.12 0.00	90.61 1.95 -30.35	67.83 1.21 -28.47	49.23 1.51 0.00	55.03 1.00 -20.29	52.12 0.41 -35.17	61.27 0.13 -56.18	55.46 0.05 -53.46	44.84 0.88 -14.77	42.49 1.44 0.00	49.80 1.64 0.00	84.03 2.96 0.00	90.30 3.25 0.00	81.97 2.77 0.00	68.43 2.22 0.00	50.03 1.61 0.00	42.71 1.38 0.00	49.35 1.71 0.00
RIVERBAY____ 323610	54.12 2.28 -12.08	51.05 1.98 -16.08	51.10 1.94 -15.39	50.43 2.18 -11.17	53.10 2.53 -7.98	52.85 2.76 0.00	69.81 4.19 0.00	86.99 3.73 -24.96	63.90 2.33 -23.42	50.24 2.53 0.00	52.07 1.65 -16.68	46.23 0.76 -28.92	51.37 0.21 -46.20	46.00 0.08 -43.97	42.79 1.45 -12.15	43.18 2.13 0.00	50.42 2.26 0.00	84.79 3.72 0.00	91.57 4.52 0.00	83.22 4.02 0.00	69.31 3.10 0.00	50.62 2.20 0.00	43.13 1.80 0.00	49.41 1.77 0.00
RIVERSIDE_115KV_TB3 55908	55.97 1.49 -14.72	53.85 1.29 -19.58	53.82 1.31 -18.74	52.16 1.47 -13.61	53.96 1.65 -9.72	51.93 1.84 0.00	67.95 2.34 0.00	90.79 2.09 -30.39	67.98 1.31 -28.51	49.36 1.64 0.00	55.16 1.11 -20.31	52.23 0.47 -35.21	61.36 0.14 -56.26	55.54 0.06 -53.53	44.94 0.96 -14.79	42.57 1.52 0.00	49.93 1.76 0.00	84.25 3.18 0.00	90.58 3.53 0.00	82.23 3.02 0.00	68.63 2.42 0.00	50.16 1.74 0.00	42.81 1.47 0.00	49.40 1.76 0.00
ROARING___BROOK_WT_PWR 323790	38.87 -0.89 0.00	32.19 -0.80 0.00	32.87 -0.90 0.00	36.11 -0.97 0.00	41.70 -0.88 0.00	48.93 -1.16 0.00	64.20 -1.42 0.00	57.21 -1.10 0.00	37.61 -0.54 0.00	46.86 -0.85 0.00	32.88 -0.86 0.00	7.99 -0.38 8.18	-5.55 -0.12 10.40	-7.34 -0.04 9.24	8.93 -0.57 19.69	27.69 -0.70 12.65	23.07 -1.05 24.05	66.66 -1.89 12.52	66.34 -2.15 18.55	46.98 -1.83 30.39	32.81 -1.11 32.29	42.12 -0.54 5.77	40.74 -0.60 0.00	46.98 -0.66 0.00

ROCHESRG_115KV_T4 355643	38.94 -1.47 -0.65	32.63 -1.23 -0.88	33.13 -1.29 -0.65	35.85 -1.31 -0.09	41.06 -1.45 0.07	48.46 -1.62 0.01	62.07 -2.11 1.44	56.70 -2.73 -1.13	38.09 -1.56 -1.50	44.22 -1.81 1.69	33.72 -1.09 -1.07	19.18 -0.52 -3.16	10.59 -0.17 -5.80	7.43 -0.08 -5.56	28.38 -1.37 -0.57	37.95 -1.73 1.37	44.79 -1.89 1.49	75.33 -3.52 2.22	81.32 -3.82 1.91	73.07 -3.49 2.64	60.77 -3.15 2.29	45.60 -2.42 0.41	39.41 -1.92 0.00	45.28 -2.36 0.00
ROCHESTER_9_IC 23652	40.26 -1.25 -1.74	34.27 -1.03 -2.32	34.89 -1.10 -2.22	37.59 -1.11 -1.61	42.53 -1.20 -1.15	48.77 -1.32 0.00	63.95 -1.67 0.00	59.55 -2.35 -3.60	40.21 -1.32 -3.37	46.19 -1.52 0.00	35.25 -0.90 -2.40	20.28 -0.42 -4.16	11.46 -0.14 -6.64	8.20 -0.07 -6.32	29.68 -1.26 -1.75	39.53 -1.52 0.00	46.57 -1.59 0.00	78.10 -2.96 0.00	83.84 -3.21 0.00	76.26 -2.95 0.00	63.51 -2.70 0.00	46.33 -2.10 0.00	39.66 -1.67 0.00	45.55 -2.09 0.00
ROCKVIEW_13_KV_LD 356306	53.66 1.81 -12.09	50.52 1.46 -16.08	50.57 1.42 -15.39	49.78 1.52 -11.17	52.36 1.79 -7.98	52.01 1.93 0.00	68.49 2.87 0.00	86.01 2.74 -24.96	63.38 1.81 -23.41	50.08 2.37 0.00	51.98 1.55 -16.68	46.20 0.73 -28.92	51.36 0.20 -46.20	45.99 0.08 -43.97	42.77 1.43 -12.15	43.20 2.16 0.00	50.55 2.38 0.00	85.06 3.99 0.00	91.78 4.73 0.00	83.28 4.07 0.00	69.40 3.19 0.00	50.65 2.23 0.00	43.17 1.84 0.00	49.55 1.91 0.00
ROME____115KV_TB2 80656	41.80 1.28 -0.76	35.04 1.04 -1.02	35.78 1.04 -0.97	38.94 1.15 -0.71	44.53 1.44 -0.51	51.86 1.77 0.00	68.34 2.72 0.00	62.19 2.31 -1.58	41.15 1.51 -1.48	49.37 1.66 0.00	35.88 1.10 -1.04	18.86 0.54 -1.77	7.91 0.12 -2.83	4.70 0.06 -2.69	30.66 0.73 -0.74	42.16 1.11 0.00	49.62 1.45 0.00	83.96 2.89 0.00	90.44 3.39 0.00	82.15 2.95 0.00	68.56 2.35 0.00	49.95 1.52 0.00	42.55 1.21 0.00	48.82 1.18 0.00
ROSETON___1 23587	53.07 1.31 -11.99	50.00 1.07 -15.95	50.09 1.05 -15.27	49.32 1.15 -11.09	51.83 1.33 -7.92	51.48 1.39 0.00	67.70 2.08 0.00	85.02 1.95 -24.77	62.65 1.26 -23.23	49.30 1.59 0.00	51.31 1.02 -16.55	45.72 0.48 -28.69	50.93 0.13 -45.84	45.62 0.05 -43.62	42.19 0.95 -12.05	42.50 1.46 0.00	49.81 1.65 0.00	83.89 2.83 0.00	90.45 3.40 0.00	82.11 2.91 0.00	68.47 2.26 0.00	49.99 1.56 0.00	42.63 1.29 0.00	49.01 1.37 0.00
ROSETON___2 23588	53.07 1.31 -11.99	50.00 1.07 -15.95	50.09 1.05 -15.27	49.32 1.15 -11.09	51.83 1.33 -7.92	51.48 1.39 0.00	67.70 2.08 0.00	85.02 1.95 -24.77	62.65 1.26 -23.23	49.30 1.59 0.00	51.31 1.02 -16.55	45.72 0.48 -28.69	50.93 0.13 -45.84	45.62 0.05 -43.62	42.19 0.95 -12.05	42.50 1.46 0.00	49.81 1.65 0.00	83.89 2.83 0.00	90.45 3.40 0.00	82.11 2.91 0.00	68.47 2.26 0.00	49.99 1.56 0.00	42.63 1.29 0.00	49.01 1.37 0.00
ROTRDAM_115KV_TB3 80664	56.17 1.06 -15.35	54.30 0.89 -20.42	54.23 0.91 -19.55	52.27 1.00 -14.19	53.87 1.15 -10.14	51.38 1.29 0.00	67.38 1.76 0.00	91.51 1.50 -31.70	68.78 0.89 -29.74	48.80 1.08 0.00	55.66 0.73 -21.19	53.58 0.31 -36.73	63.73 0.09 -58.68	57.82 0.03 -55.84	45.24 0.62 -15.43	42.01 0.97 0.00	49.39 1.22 0.00	83.34 2.27 0.00	89.61 2.57 0.00	81.44 2.24 0.00	67.99 1.78 0.00	49.74 1.32 0.00	42.50 1.17 0.00	48.96 1.33 0.00
RUSSELL___1 23602	40.48 -1.03 -1.74	34.44 -0.86 -2.32	35.06 -0.92 -2.22	37.78 -0.91 -1.61	42.76 -0.98 -1.15	49.05 -1.04 0.00	64.32 -1.30 0.00	59.88 -2.02 -3.60	40.40 -1.12 -3.37	46.44 -1.27 0.00	35.41 -0.73 -2.40	20.36 -0.34 -4.16	11.48 -0.12 -6.64	8.21 -0.05 -6.32	29.77 -1.16 -1.75	39.74 -1.31 0.00	46.84 -1.33 0.00	78.63 -2.44 0.00	84.40 -2.64 0.00	76.78 -2.42 0.00	63.93 -2.28 0.00	46.63 -1.80 0.00	39.91 -1.43 0.00	45.81 -1.84 0.00
RUSSELL___2 23532	40.48 -1.03 -1.74	34.44 -0.86 -2.32	35.06 -0.92 -2.22	37.78 -0.91 -1.61	42.76 -0.98 -1.15	49.05 -1.04 0.00	64.32 -1.30 0.00	59.88 -2.02 -3.60	40.40 -1.12 -3.37	46.44 -1.27 0.00	35.41 -0.73 -2.40	20.36 -0.34 -4.16	11.48 -0.12 -6.64	8.21 -0.05 -6.32	29.77 -1.16 -1.75	39.74 -1.31 0.00	46.84 -1.33 0.00	78.63 -2.44 0.00	84.40 -2.64 0.00	76.78 -2.42 0.00	63.93 -2.28 0.00	46.63 -1.80 0.00	39.91 -1.43 0.00	45.81 -1.84 0.00
RUSSELL___3 23549	40.48 -1.03 -1.74	34.44 -0.86 -2.32	35.06 -0.92 -2.22	37.78 -0.91 -1.61	42.76 -0.98 -1.15	49.05 -1.04 0.00	64.32 -1.30 0.00	59.88 -2.02 -3.60	40.40 -1.12 -3.37	46.44 -1.27 0.00	35.41 -0.73 -2.40	20.36 -0.34 -4.16	11.48 -0.12 -6.64	8.21 -0.05 -6.32	29.77 -1.16 -1.75	39.74 -1.31 0.00	46.84 -1.33 0.00	78.63 -2.44 0.00	84.40 -2.64 0.00	76.78 -2.42 0.00	63.93 -2.28 0.00	46.63 -1.80 0.00	39.91 -1.43 0.00	45.81 -1.84 0.00
RUSSELL___4 23556	40.48 -1.03 -1.74	34.44 -0.86 -2.32	35.06 -0.92 -2.22	37.78 -0.91 -1.61	42.76 -0.98 -1.15	49.05 -1.04 0.00	64.32 -1.30 0.00	59.88 -2.02 -3.60	40.40 -1.12 -3.37	46.44 -1.27 0.00	35.41 -0.73 -2.40	20.36 -0.34 -4.16	11.48 -0.12 -6.64	8.21 -0.05 -6.32	29.77 -1.16 -1.75	39.74 -1.31 0.00	46.84 -1.33 0.00	78.63 -2.44 0.00	84.40 -2.64 0.00	76.78 -2.42 0.00	63.93 -2.28 0.00	46.63 -1.80 0.00	39.91 -1.43 0.00	45.81 -1.84 0.00
RUSSELL___STATION 23914	40.48 -1.03 -1.74	34.44 -0.86 -2.32	35.06 -0.92 -2.22	37.78 -0.91 -1.61	42.76 -0.98 -1.15	49.05 -1.04 0.00	64.32 -1.30 0.00	59.88 -2.02 -3.60	40.40 -1.12 -3.37	46.44 -1.27 0.00	35.41 -0.73 -2.40	20.36 -0.34 -4.16	11.48 -0.12 -6.64	8.21 -0.05 -6.32	29.77 -1.16 -1.75	39.74 -1.31 0.00	46.84 -1.33 0.00	78.63 -2.44 0.00	84.40 -2.64 0.00	76.78 -2.42 0.00	63.93 -2.28 0.00	46.63 -1.80 0.00	39.91 -1.43 0.00	45.81 -1.84 0.00
S SALMON___HYD 24043	40.60 -0.33 -1.16	34.29 -0.24 -1.54	35.00 -0.24 -1.48	37.82 -0.33 -1.07	43.05 -0.30 -0.77	49.75 -0.34 0.00	65.54 -0.07 0.00	60.52 -0.18 -2.40	40.32 -0.08 -2.25	47.36 -0.36 0.00	34.93 -0.40 -1.59	20.39 -0.26 -4.10	10.95 -0.11 -6.09	7.59 -0.05 -5.69	32.32 -1.07 -4.21	41.26 -1.68 -1.89	49.98 -1.78 -3.59	80.84 -2.10 -1.87	87.78 -2.04 -1.87	81.88 -1.87 -4.54	69.50 -1.53 -4.82	47.99 -1.30 -0.86	40.26 -1.08 0.00	46.20 -1.44 0.00
S.PERRY__115KV_TB1 80734	62.55 -0.78 -23.57	63.69 -0.57 -31.28	66.81 -0.59 -33.63	68.58 -0.56 -32.06	67.59 -0.50 -25.50	49.68 -0.55 -0.15	93.76 -0.34 -28.48	110.48 -0.99 -53.16	78.74 -0.66 -41.24	79.52 -1.63 -33.44	61.96 -1.05 -29.27	40.84 -0.54 -24.82	29.47 -0.20 -24.71	24.50 -0.10 -22.65	52.98 -1.56 -25.36	66.17 -1.88 -27.00	75.67 -1.84 -29.34	123.13 -1.76 -43.83	123.67 -0.99 -37.61	130.53 -0.73 -52.06	110.62 -0.68 -45.09	55.83 -0.69 -8.10	40.93 -0.40 0.00	46.77 -0.87 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.51 -2.05 2.21	28.30 -1.76 2.92	28.35 -1.87 3.55	31.09 -1.85 4.14	37.11 -1.98 3.49	47.89 -2.17 0.03	56.65 -3.14 5.83	48.60 -4.23 5.47	32.38 -2.41 3.37	38.07 -2.80 6.85	29.76 -1.61 2.38	16.97 -0.76 -1.18	9.68 -0.23 -4.95	6.73 -0.10 -4.88	24.96 -1.66 2.57	33.28 -2.23 5.53	39.61 -2.55 6.01	66.84 -5.24 8.98	73.60 -5.74 7.71	63.27 -5.27 10.67	52.25 -4.72 9.24	43.30 -3.46 1.66	38.71 -2.63 0.00	44.43 -3.21 0.00

SAWYER___23_KV_LOAD 55526	35.51 -2.05 2.21	28.30 -1.76 2.92	28.35 -1.87 3.55	31.09 -1.85 4.14	37.11 -1.98 3.49	47.89 -2.17 0.03	56.65 -3.14 5.83	48.60 -4.23 5.47	32.38 -2.41 3.37	38.07 -2.80 6.85	29.76 -1.61 2.38	16.97 -0.76 -1.18	9.68 -0.23 -4.95	6.73 -0.10 -4.88	24.96 -1.66 2.57	33.28 -2.23 5.53	39.61 -2.55 6.01	66.84 -5.24 8.98	73.60 -5.74 7.71	63.27 -5.27 10.67	52.25 -4.72 9.24	43.30 -3.46 1.66	38.71 -2.63 0.00	44.43 -3.21 0.00
SELKIRK___I 23801	55.55 1.37 -14.41	53.33 1.17 -19.17	53.34 1.21 -18.36	51.78 1.37 -13.33	53.67 1.56 -9.52	51.84 1.75 0.00	67.86 2.24 0.00	89.94 1.87 -29.77	67.16 1.08 -27.92	49.11 1.39 0.00	54.59 0.96 -19.89	51.45 0.42 -34.49	60.17 0.11 -55.10	54.42 0.04 -52.43	44.40 0.73 -14.49	42.07 1.02 0.00	49.65 1.48 0.00	84.03 2.96 0.00	90.40 3.35 0.00	82.11 2.91 0.00	68.52 2.32 0.00	50.09 1.67 0.00	42.75 1.41 0.00	49.30 1.66 0.00
SELKIRK___II 23799	55.50 1.19 -14.55	53.37 1.03 -19.36	53.34 1.05 -18.53	51.71 1.18 -13.45	53.54 1.34 -9.61	51.55 1.46 0.00	67.55 1.93 0.00	90.05 1.70 -30.05	67.39 1.05 -28.19	49.03 1.32 0.00	54.70 0.88 -20.08	51.75 0.39 -34.81	60.69 0.11 -55.62	54.92 0.05 -52.93	44.57 0.76 -14.62	42.20 1.15 0.00	49.58 1.42 0.00	83.69 2.63 0.00	90.05 3.01 0.00	81.79 2.59 0.00	68.27 2.06 0.00	49.89 1.46 0.00	42.57 1.24 0.00	49.09 1.45 0.00
SENECA OSWGO___HYD 24041	40.65 -0.41 -1.29	34.46 -0.25 -1.72	35.21 -0.21 -1.65	37.99 -0.29 -1.20	43.11 -0.33 -0.85	49.69 -0.40 0.00	65.43 -0.19 0.00	60.68 -0.29 -2.67	40.51 -0.15 -2.51	47.59 -0.13 0.00	35.46 -0.06 -1.78	19.46 -0.15 -3.06	9.79 -0.06 -4.89	6.57 -0.03 -4.65	29.65 -0.82 -1.29	39.61 -1.44 0.00	46.61 -1.56 0.00	78.65 -2.42 0.00	84.45 -2.59 0.00	76.83 -2.37 0.00	64.14 -2.07 0.00	46.79 -1.64 0.00	39.95 -1.38 0.00	45.95 -1.70 0.00
SENECA___115KV_TB3 355854	36.86 -1.45 1.45	29.80 -1.26 1.92	29.94 -1.35 2.48	32.66 -1.30 3.12	38.61 -1.30 2.68	48.70 -1.36 0.03	58.66 -2.03 4.93	51.30 -3.23 3.77	34.30 -1.81 2.05	39.90 -2.03 5.78	31.24 -1.06 1.44	18.01 -0.51 -1.98	10.55 -0.16 -5.75	7.49 -0.07 -5.62	26.24 -1.20 1.75	34.77 -1.60 4.68	41.36 -1.73 5.08	69.68 -3.80 7.59	76.54 -3.99 6.51	66.49 -3.70 9.01	54.95 -3.45 7.80	44.47 -2.55 1.40	39.49 -1.85 0.00	45.28 -2.36 0.00
SENECA___ENERGY 23797	42.12 -0.86 -3.21	36.60 -0.64 -4.26	37.42 -0.67 -4.33	40.02 -0.71 -3.65	44.65 -0.71 -2.78	49.22 -0.88 -0.01	66.47 -1.03 -1.88	64.05 -1.17 -6.92	43.37 -0.70 -5.92	49.04 -0.89 -2.21	37.43 -0.52 -4.21	21.77 -0.34 -5.57	12.75 -0.12 -7.92	9.36 -0.06 -7.47	31.60 -0.91 -3.32	41.59 -1.24 -1.78	48.80 -1.30 -1.93	82.01 -1.94 -2.88	87.83 -1.68 -2.47	81.14 -1.49 -3.42	67.88 -1.30 -2.97	47.91 -1.05 -0.53	40.51 -0.83 0.00	46.49 -1.15 0.00
SHOEMAKER___GT 23640	51.83 1.16 -10.91	48.45 0.95 -14.51	48.61 0.95 -13.89	48.20 1.03 -10.09	51.00 1.21 -7.20	51.38 1.30 0.00	67.57 1.96 0.00	82.58 1.74 -22.53	60.33 1.04 -21.14	48.94 1.22 0.00	49.61 0.82 -15.06	43.05 0.40 -26.10	46.77 0.10 -41.71	41.67 0.04 -39.69	40.84 0.69 -10.96	42.14 1.09 0.00	49.50 1.34 0.00	83.57 2.50 0.00	90.16 3.12 0.00	81.87 2.66 0.00	68.27 2.07 0.00	49.83 1.40 0.00	42.50 1.16 0.00	48.83 1.19 0.00
SHOEMAKR_138KV_BK 111 55601	51.74 1.14 -10.84	48.33 0.93 -14.42	48.49 0.92 -13.80	48.10 1.00 -10.02	50.92 1.18 -7.16	51.33 1.24 0.00	67.53 1.91 0.00	82.40 1.71 -22.39	60.19 1.04 -21.00	48.97 1.26 0.00	49.51 0.82 -14.96	42.87 0.39 -25.93	46.49 0.10 -41.43	41.41 0.04 -39.43	40.81 0.73 -10.89	42.17 1.12 0.00	49.51 1.34 0.00	83.51 2.45 0.00	90.08 3.04 0.00	81.81 2.61 0.00	68.22 2.01 0.00	49.78 1.36 0.00	42.47 1.13 0.00	48.79 1.16 0.00
SHOREHAM_IC_1 23715	55.28 2.03 -13.48	51.45 1.54 -16.92	50.63 1.48 -15.39	49.77 1.51 -11.17	52.45 1.89 -7.98	51.79 1.71 0.00	67.27 1.65 0.00	85.56 2.30 -24.95	63.35 1.79 -23.41	50.37 2.66 0.00	52.07 1.65 -16.68	46.26 0.80 -28.91	51.35 0.20 -46.19	45.97 0.06 -43.95	42.66 1.33 -12.14	43.33 2.29 0.00	50.14 1.97 0.00	84.43 3.36 0.00	90.92 3.88 0.00	81.98 2.78 0.00	68.32 2.11 0.00	50.43 2.00 0.00	43.12 1.79 0.00	49.53 1.89 0.00
SHOREHAM_IC_2 23716	55.28 2.03 -13.48	51.45 1.54 -16.92	50.63 1.48 -15.39	49.77 1.51 -11.17	52.45 1.89 -7.98	51.79 1.71 0.00	67.27 1.65 0.00	85.56 2.30 -24.95	63.35 1.79 -23.41	50.37 2.66 0.00	52.07 1.65 -16.68	46.26 0.80 -28.91	51.35 0.20 -46.19	45.97 0.06 -43.95	42.66 1.33 -12.14	43.33 2.29 0.00	50.14 1.97 0.00	84.43 3.36 0.00	90.92 3.88 0.00	81.98 2.78 0.00	68.32 2.11 0.00	50.43 2.00 0.00	43.12 1.79 0.00	49.53 1.89 0.00
SISSONVILLE____ 23735	45.72 3.56 -2.40	38.10 2.78 -2.34	38.73 2.63 -2.34	42.23 2.88 -2.27	47.30 3.49 -1.22	53.50 3.41 0.00	71.49 4.36 -1.51	63.55 3.73 -1.51	41.30 1.45 -1.69	50.17 0.84 -1.61	35.38 -0.07 -1.71	29.97 -0.06 -13.49	22.00 -0.04 -17.08	17.18 0.00 -15.24	59.79 -0.23 -30.83	60.39 -0.30 -19.64	85.04 -0.46 -37.33	100.14 -0.36 -19.43	115.27 -0.58 -28.81	125.88 -0.50 -47.18	116.10 -0.24 -50.14	57.65 0.26 -8.95	41.74 0.40 0.00	48.20 0.56 0.00
SITHE_IND_GS1 24169	39.08 -1.67 -0.99	33.00 -1.29 -1.31	33.73 -1.28 -1.25	36.54 -1.45 -0.91	41.53 -1.71 -0.65	48.05 -2.04 0.00	63.00 -2.61 0.00	57.89 -2.45 -2.04	38.54 -1.52 -1.91	45.96 -1.76 0.00	34.00 -1.09 -1.36	18.36 -0.54 -2.35	8.55 -0.16 -3.75	5.45 -0.07 -3.57	29.04 -1.14 -0.99	39.33 -1.72 0.00	46.12 -2.04 0.00	77.65 -3.41 0.00	83.45 -3.60 0.00	75.91 -3.29 0.00	63.40 -2.81 0.00	46.31 -2.12 0.00	39.58 -1.75 0.00	45.57 -2.06 0.00
SITHE_IND_GS2 24170	39.08 -1.67 -0.99	33.00 -1.29 -1.31	33.73 -1.28 -1.25	36.54 -1.45 -0.91	41.53 -1.71 -0.65	48.05 -2.04 0.00	63.00 -2.61 0.00	57.89 -2.45 -2.04	38.54 -1.52 -1.91	45.96 -1.76 0.00	34.00 -1.09 -1.36	18.36 -0.54 -2.35	8.55 -0.16 -3.75	5.45 -0.07 -3.57	29.04 -1.14 -0.99	39.33 -1.72 0.00	46.12 -2.04 0.00	77.65 -3.41 0.00	83.45 -3.60 0.00	75.91 -3.29 0.00	63.40 -2.81 0.00	46.31 -2.12 0.00	39.58 -1.75 0.00	45.57 -2.06 0.00
SITHE_IND_GS3 24171	39.08 -1.67 -0.99	33.00 -1.29 -1.31	33.73 -1.28 -1.25	36.54 -1.45 -0.91	41.53 -1.71 -0.65	48.05 -2.04 0.00	63.00 -2.61 0.00	57.89 -2.45 -2.04	38.54 -1.52 -1.91	45.96 -1.76 0.00	34.00 -1.09 -1.36	18.36 -0.54 -2.35	8.55 -0.16 -3.75	5.45 -0.07 -3.57	29.04 -1.14 -0.99	39.33 -1.72 0.00	46.12 -2.04 0.00	77.65 -3.41 0.00	83.45 -3.60 0.00	75.91 -3.29 0.00	63.40 -2.81 0.00	46.31 -2.12 0.00	39.58 -1.75 0.00	45.57 -2.06 0.00
SITHE_IND_GS4 24172	39.08 -1.67 -0.99	33.00 -1.29 -1.31	33.73 -1.28 -1.25	36.54 -1.45 -0.91	41.53 -1.71 -0.65	48.05 -2.04 0.00	63.00 -2.61 0.00	57.89 -2.45 -2.04	38.54 -1.52 -1.91	45.96 -1.76 0.00	34.00 -1.09 -1.36	18.36 -0.54 -2.35	8.55 -0.16 -3.75	5.45 -0.07 -3.57	29.04 -1.14 -0.99	39.33 -1.72 0.00	46.12 -2.04 0.00	77.65 -3.41 0.00	83.45 -3.60 0.00	75.91 -3.29 0.00	63.40 -2.81 0.00	46.31 -2.12 0.00	39.58 -1.75 0.00	45.57 -2.06 0.00

SITHE___BATAVIA 24024	37.29 -0.92 1.54	30.10 -0.84 2.04	30.29 -0.91 2.56	33.17 -0.80 3.11	39.14 -0.80 2.65	49.39 -0.67 0.03	60.03 -0.92 4.67	52.34 -2.04 3.92	34.78 -1.11 2.27	40.68 -1.55 5.49	31.22 -0.92 1.60	17.54 -0.48 -1.47	9.62 -0.14 -4.80	6.60 -0.06 -4.71	27.01 -0.35 1.83	34.89 -1.72 4.43	41.53 -1.81 4.82	71.12 -2.76 7.19	78.15 -2.72 6.17	68.18 -2.48 8.55	56.37 -2.44 7.40	45.23 -1.87 1.33	39.94 -1.39 0.00	45.78 -1.86 0.00
SITHE___INDEPEND 23800	39.08 -1.67 -0.99	33.00 -1.29 -1.31	33.73 -1.28 -1.25	36.54 -1.45 -0.91	41.53 -1.71 -0.65	48.05 -2.04 0.00	63.01 -2.61 0.00	57.88 -2.46 -2.04	38.54 -1.53 -1.91	45.95 -1.77 0.00	34.00 -1.10 -1.36	18.36 -0.54 -2.35	8.55 -0.16 -3.75	5.45 -0.07 -3.57	29.04 -1.13 -0.99	39.32 -1.73 0.00	46.12 -2.05 0.00	77.65 -3.42 0.00	83.45 -3.59 0.00	75.90 -3.31 0.00	63.39 -2.82 0.00	46.30 -2.13 0.00	39.58 -1.76 0.00	45.57 -2.06 0.00
SITHE___MASSENA 23902	40.09 0.33 0.00	33.15 0.17 0.00	33.89 0.12 0.00	37.24 0.16 0.00	42.79 0.21 0.00	50.56 0.47 0.00	66.04 0.42 0.00	58.77 0.47 0.00	38.37 0.22 0.00	47.88 0.16 0.00	33.84 0.10 0.00	22.36 0.12 -5.69	12.25 0.05 -7.24	8.42 0.03 -6.44	43.21 0.34 -13.68	50.28 0.45 -8.78	65.30 0.44 -16.69	90.55 0.79 -8.69	100.41 0.49 -12.88	100.81 0.52 -21.09	89.21 0.58 -22.41	53.16 0.73 -4.00	41.98 0.64 0.00	48.50 0.86 0.00
SITHE___OGDNSBRG 24021	47.49 5.33 -2.40	39.55 4.22 -2.34	40.22 4.11 -2.34	43.85 4.50 -2.27	49.24 5.43 -1.22	55.92 5.83 0.00	74.99 7.86 -1.51	66.36 6.54 -1.51	42.37 2.53 -1.69	51.19 1.87 -1.61	35.39 0.47 -1.18	26.78 0.19 -10.04	17.73 0.05 -12.71	13.29 0.04 -11.31	53.72 0.51 -24.03	57.24 0.77 -15.43	78.12 0.64 -29.32	98.00 1.67 -15.26	111.73 2.06 -22.62	118.21 1.96 -37.05	107.35 1.77 -39.37	57.09 1.63 -7.03	42.77 1.44 0.00	49.36 1.72 0.00
SITHE___STERLING 23777	41.45 0.81 -0.87	34.82 0.67 -1.16	35.58 0.70 -1.11	38.69 0.80 -0.81	44.17 1.01 -0.58	51.32 1.23 0.00	67.58 1.96 0.00	61.74 1.64 -1.80	40.90 1.05 -1.69	48.89 1.17 0.00	35.77 0.84 -1.20	18.98 0.38 -2.05	8.32 0.08 -3.28	5.10 0.04 -3.12	30.53 0.48 -0.86	41.76 0.71 0.00	49.14 0.98 0.00	83.01 1.94 0.00	89.50 2.45 0.00	81.37 2.17 0.00	67.92 1.71 0.00	49.50 1.07 0.00	42.17 0.83 0.00	48.42 0.78 0.00
SLEIGHT__34_KV_TB1 80719	40.37 -1.09 -1.70	34.38 -0.86 -2.26	35.01 -0.92 -2.16	37.71 -0.94 -1.57	42.69 -1.02 -1.12	48.97 -1.12 0.00	64.25 -1.37 0.00	60.12 -1.69 -3.51	40.45 -0.99 -3.29	46.59 -1.12 0.00	35.38 -0.70 -2.34	20.21 -0.39 -4.05	11.30 -0.14 -6.47	8.04 -0.06 -6.16	29.74 -1.15 -1.70	39.62 -1.43 0.00	46.78 -1.39 0.00	78.74 -2.33 0.00	84.63 -2.42 0.00	77.02 -2.19 0.00	64.17 -2.04 0.00	46.78 -1.65 0.00	40.00 -1.34 0.00	45.93 -1.72 0.00
SOUTH CAIRO___GT 23612	56.72 2.99 -13.96	54.06 2.50 -18.57	54.11 2.57 -17.78	52.87 2.88 -12.91	55.21 3.40 -9.22	54.21 4.13 0.00	71.23 5.62 0.00	91.89 4.75 -28.84	67.94 2.74 -27.05	51.17 3.46 0.00	55.28 2.27 -19.27	50.96 1.00 -33.41	58.62 0.29 -53.38	52.85 0.11 -50.79	44.80 1.58 -14.03	43.40 2.36 0.00	51.45 3.29 0.00	88.09 7.02 0.00	95.44 8.39 0.00	86.52 7.31 0.00	72.09 5.88 0.00	52.61 4.18 0.00	44.78 3.45 0.00	51.53 3.89 0.00
SOUTH HAMPTN___IC 23720	55.21 1.98 -13.46	51.39 1.50 -16.91	50.57 1.42 -15.39	49.73 1.48 -11.17	52.57 2.00 -7.98	52.08 1.99 0.00	67.85 2.23 0.00	85.98 2.73 -24.95	63.52 1.96 -23.41	50.28 2.56 0.00	51.95 1.54 -16.68	46.21 0.75 -28.91	51.33 0.18 -46.19	45.96 0.06 -43.95	42.58 1.25 -12.14	43.25 2.20 0.00	50.15 1.98 0.00	84.47 3.40 0.00	91.07 4.02 0.00	82.17 2.96 0.00	68.43 2.22 0.00	50.49 2.06 0.00	43.20 1.87 0.00	49.83 2.19 0.00
SOUTHDOW_115KV_TB1 355954	41.03 0.15 -1.12	34.48 0.00 -1.50	34.92 -0.06 -1.21	37.64 0.13 -0.43	43.13 0.39 -0.15	50.64 0.56 0.01	64.63 0.70 1.69	59.83 -0.53 -2.05	40.44 -0.15 -2.44	45.68 -0.05 1.99	35.78 0.30 -1.74	21.03 -0.07 -4.55	13.09 -0.03 -8.16	9.74 -0.02 -7.81	29.89 -0.32 -1.02	39.18 -0.26 1.61	46.65 0.23 1.74	78.47 0.00 2.61	85.31 0.49 2.24	76.33 0.22 3.10	63.06 -0.47 2.68	47.54 -0.41 0.48	41.39 0.05 0.00	47.30 -0.34 0.00
SOUTHOLD_69_KV_BK 2 55809	54.80 1.58 -13.46	51.04 1.14 -16.91	50.21 1.06 -15.39	49.36 1.11 -11.17	52.43 1.86 -7.98	52.11 2.02 0.00	68.21 2.59 0.00	86.19 2.93 -24.95	63.56 2.00 -23.41	49.88 2.17 0.00	51.56 1.14 -16.68	46.02 0.56 -28.91	51.27 0.12 -46.19	45.94 0.03 -43.95	42.24 0.90 -12.14	42.83 1.78 0.00	49.75 1.59 0.00	83.86 2.79 0.00	90.56 3.51 0.00	81.70 2.50 0.00	67.96 1.75 0.00	50.14 1.71 0.00	43.00 1.66 0.00	50.02 2.38 0.00
SOUTHOLD___IC 23719	54.80 1.58 -13.46	51.04 1.14 -16.91	50.21 1.06 -15.39	49.36 1.11 -11.17	52.43 1.86 -7.98	52.11 2.02 0.00	68.20 2.58 0.00	86.19 2.93 -24.95	63.56 1.99 -23.41	49.86 2.15 0.00	51.56 1.14 -16.68	46.02 0.56 -28.91	51.27 0.12 -46.19	45.94 0.03 -43.95	42.22 0.89 -12.14	42.82 1.77 0.00	49.72 1.56 0.00	83.85 2.78 0.00	90.55 3.50 0.00	81.70 2.50 0.00	67.96 1.75 0.00	50.14 1.71 0.00	42.99 1.66 0.00	50.01 2.37 0.00
SOUTH_FORK_WT_PWR 323839	54.10 0.88 -13.46	50.47 0.57 -16.91	49.64 0.48 -15.39	48.75 0.50 -11.17	51.90 1.33 -7.98	51.60 1.51 0.00	67.68 2.06 0.00	85.69 2.43 -24.95	63.21 1.64 -23.41	49.14 1.43 0.00	50.97 0.56 -16.68	45.75 0.29 -28.91	51.19 0.04 -46.19	45.91 0.00 -43.95	41.75 0.42 -12.14	42.14 1.09 0.00	48.89 0.73 0.00	82.42 1.35 0.00	89.07 2.02 0.00	80.33 1.13 0.00	66.80 0.59 0.00	49.33 0.91 0.00	42.37 1.04 0.00	49.66 2.03 0.00
SPIERFLS_115KV_TB 1 80737	58.76 3.93 -15.06	56.28 3.25 -20.04	56.07 3.11 -19.19	54.53 3.52 -13.93	56.79 4.25 -9.95	55.15 5.06 0.00	72.32 6.71 0.00	95.46 6.04 -31.12	70.83 3.49 -29.19	51.72 4.00 0.00	57.54 3.01 -20.79	53.98 1.38 -36.05	62.99 0.43 -57.60	56.91 0.16 -54.81	46.73 2.40 -15.14	44.67 3.62 0.00	52.84 4.67 0.00	89.38 8.31 0.00	96.34 9.29 0.00	87.22 8.02 0.00	72.57 6.36 0.00	52.73 4.30 0.00	44.64 3.30 0.00	51.34 3.70 0.00
ST LAWRENCE____ 23600	39.69 -0.07 0.00	32.82 -0.16 0.00	33.55 -0.22 0.00	36.87 -0.21 0.00	42.37 -0.22 0.00	50.03 -0.06 0.00	65.35 -0.26 0.00	58.19 -0.12 0.00	38.00 -0.15 0.00	47.43 -0.28 0.00	33.50 -0.24 0.00	20.15 -0.06 -3.67	9.64 0.00 -4.68	6.12 0.01 -4.16	38.02 0.00 -8.84	46.66 -0.04 -5.66	58.82 -0.12 -10.77	86.41 -0.25 -5.60	94.71 -0.64 -8.30	92.33 -0.51 -13.63	80.43 -0.27 -14.48	51.03 0.03 -2.59	41.33 0.00 0.00	47.78 0.14 0.00
STATE_CA_115KV_115_LB 55624	56.54 1.90 -14.88	54.39 1.61 -19.80	54.36 1.64 -18.96	52.69 1.84 -13.76	54.50 2.09 -9.83	52.46 2.37 0.00	68.74 3.12 0.00	91.78 2.73 -30.74	68.70 1.71 -28.84	49.87 2.15 0.00	55.79 1.51 -20.54	52.82 0.65 -35.62	62.06 0.20 -56.90	56.17 0.07 -54.15	45.43 1.29 -14.96	43.01 1.96 0.00	50.25 2.09 0.00	84.63 3.56 0.00	91.01 3.96 0.00	82.61 3.41 0.00	68.93 2.73 0.00	50.37 1.94 0.00	42.95 1.62 0.00	49.54 1.89 0.00

STATE_ST_34_KV_LOAD 55959	41.25 -0.29 -1.78	35.24 -0.11 -2.37	35.87 -0.16 -2.27	38.61 -0.11 -1.65	43.71 -0.06 -1.18	50.00 -0.09 0.00	65.42 -0.20 0.00	61.82 -0.16 -3.68	41.55 -0.05 -3.45	47.61 -0.10 0.00	36.19 -0.01 -2.45	20.66 -0.13 -4.24	11.69 -0.05 -6.78	8.37 -0.03 -6.45	30.53 -0.43 -1.78	40.44 -0.60 0.00	47.55 -0.61 0.00	80.27 -0.80 0.00	86.80 -0.24 0.00	79.06 -0.15 0.00	66.01 -0.20 0.00	48.14 -0.28 0.00	41.12 -0.22 0.00	47.22 -0.42 0.00
STATION 5_MISC_HYD 23604	40.28 -1.23 -1.74	34.30 -1.00 -2.32	34.92 -1.07 -2.22	37.62 -1.07 -1.61	42.56 -1.18 -1.15	48.78 -1.31 0.00	63.97 -1.65 0.00	59.58 -2.32 -3.60	40.23 -1.30 -3.37	46.26 -1.46 0.00	35.26 -0.88 -2.40	20.28 -0.42 -4.16	11.46 -0.14 -6.64	8.20 -0.06 -6.32	29.71 -1.22 -1.75	39.59 -1.46 0.00	46.60 -1.56 0.00	78.14 -2.93 0.00	83.87 -3.18 0.00	76.27 -2.93 0.00	63.54 -2.68 0.00	46.34 -2.09 0.00	39.67 -1.66 0.00	45.55 -2.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.93 -0.54 -1.70	34.85 -0.40 -2.26	35.51 -0.42 -2.17	38.24 -0.42 -1.57	43.32 -0.40 -1.12	49.70 -0.39 0.00	65.27 -0.35 0.00	61.01 -0.81 -3.52	41.08 -0.37 -3.30	47.25 -0.46 0.00	35.87 -0.22 -2.35	20.43 -0.17 -4.06	11.37 -0.07 -6.49	8.08 -0.04 -6.17	29.98 -0.91 -1.71	40.09 -0.96 0.00	47.39 -0.78 0.00	79.85 -1.22 0.00	85.94 -1.11 0.00	78.17 -1.04 0.00	65.17 -1.04 0.00	47.54 -0.88 0.00	40.64 -0.70 0.00	46.62 -1.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.06 -1.43 -1.73	34.11 -1.18 -2.30	34.72 -1.24 -2.20	37.41 -1.27 -1.60	42.34 -1.39 -1.14	48.54 -1.55 0.00	63.64 -1.98 0.00	59.34 -2.53 -3.57	40.06 -1.44 -3.35	46.03 -1.68 0.00	35.12 -1.01 -2.38	20.19 -0.48 -4.12	11.39 -0.16 -6.59	8.14 -0.07 -6.27	29.54 -1.38 -1.73	39.37 -1.67 0.00	46.40 -1.77 0.00	77.84 -3.23 0.00	83.56 -3.49 0.00	75.97 -3.23 0.00	63.30 -2.91 0.00	46.17 -2.26 0.00	39.52 -1.82 0.00	45.38 -2.26 0.00
STA_56___34_KV_BUS2 355983	40.06 -1.43 -1.73	34.11 -1.18 -2.30	34.72 -1.24 -2.20	37.41 -1.27 -1.60	42.34 -1.39 -1.14	48.54 -1.55 0.00	63.64 -1.98 0.00	59.34 -2.53 -3.57	40.06 -1.44 -3.35	46.03 -1.68 0.00	35.12 -1.01 -2.38	20.19 -0.48 -4.12	11.39 -0.16 -6.59	8.14 -0.07 -6.27	29.54 -1.38 -1.73	39.37 -1.67 0.00	46.40 -1.77 0.00	77.84 -3.23 0.00	83.56 -3.49 0.00	75.97 -3.23 0.00	63.30 -2.91 0.00	46.17 -2.26 0.00	39.52 -1.82 0.00	45.38 -2.26 0.00
STA_67___115KV_BK2 355882	40.17 -1.34 -1.74	34.18 -1.12 -2.31	34.80 -1.18 -2.22	37.50 -1.19 -1.61	42.43 -1.31 -1.15	48.65 -1.44 0.00	63.76 -1.86 0.00	59.40 -2.50 -3.59	40.11 -1.41 -3.37	46.07 -1.65 0.00	35.16 -0.98 -2.40	20.24 -0.46 -4.15	11.44 -0.15 -6.63	8.19 -0.07 -6.31	29.62 -1.31 -1.74	39.45 -1.60 0.00	46.43 -1.73 0.00	77.88 -3.19 0.00	83.59 -3.46 0.00	76.04 -3.16 0.00	63.32 -2.89 0.00	46.20 -2.23 0.00	39.56 -1.77 0.00	45.44 -2.20 0.00
STA_7___115KV_9TRANS 80674	40.48 -1.03 -1.74	34.44 -0.86 -2.32	35.06 -0.92 -2.22	37.78 -0.91 -1.61	42.76 -0.98 -1.15	49.05 -1.04 0.00	64.32 -1.30 0.00	59.88 -2.02 -3.60	40.40 -1.12 -3.37	46.44 -1.27 0.00	35.41 -0.73 -2.40	20.36 -0.34 -4.16	11.48 -0.12 -6.64	8.21 -0.05 -6.32	29.77 -1.16 -1.75	39.74 -1.31 0.00	46.84 -1.33 0.00	78.63 -2.44 0.00	84.40 -2.64 0.00	76.78 -2.42 0.00	63.93 -2.28 0.00	46.63 -1.80 0.00	39.91 -1.43 0.00	45.81 -1.84 0.00
STA_82___115KV_TB1 80780	40.17 -1.34 -1.75	34.20 -1.11 -2.33	34.81 -1.18 -2.23	37.51 -1.18 -1.62	42.44 -1.30 -1.15	48.66 -1.43 0.00	63.77 -1.85 0.00	59.43 -2.49 -3.61	40.13 -1.41 -3.39	46.07 -1.65 0.00	35.17 -0.98 -2.41	20.25 -0.46 -4.17	11.47 -0.15 -6.66	8.22 -0.07 -6.34	29.63 -1.31 -1.75	39.44 -1.61 0.00	46.43 -1.74 0.00	77.89 -3.18 0.00	83.61 -3.44 0.00	76.04 -3.16 0.00	63.33 -2.88 0.00	46.21 -2.22 0.00	39.57 -1.77 0.00	45.44 -2.20 0.00
STEEL___WIND 323596	36.82 -1.49 1.45	29.78 -1.28 1.92	29.93 -1.36 2.48	32.63 -1.33 3.12	38.56 -1.35 2.68	48.62 -1.44 0.03	58.57 -2.13 4.93	51.25 -3.29 3.77	34.24 -1.86 2.05	39.90 -2.04 5.78	31.20 -1.10 1.44	17.98 -0.55 -1.98	10.54 -0.17 -5.75	7.49 -0.08 -5.62	26.24 -1.20 1.75	34.76 -1.61 4.68	41.32 -1.76 5.08	69.58 -3.90 7.59	76.42 -4.12 6.51	66.39 -3.80 9.01	54.87 -3.53 7.80	44.40 -2.63 1.40	39.41 -1.93 0.00	45.17 -2.47 0.00
STEPHTWN_115KV_BK_2 55603	56.19 1.83 -14.59	53.88 1.49 -19.41	53.91 1.56 -18.58	52.30 1.73 -13.49	54.28 2.06 -9.64	52.36 2.27 0.00	68.78 3.16 0.00	91.14 2.70 -30.14	68.06 1.63 -28.27	49.85 2.14 0.00	55.34 1.46 -20.14	52.08 0.61 -34.92	60.94 0.19 -55.79	55.11 0.08 -53.09	45.03 1.18 -14.67	42.86 1.81 0.00	50.44 2.28 0.00	85.25 4.18 0.00	91.79 4.74 0.00	83.32 4.12 0.00	69.47 3.26 0.00	50.72 2.29 0.00	43.19 1.85 0.00	49.79 2.15 0.00
STEUBEN_REC_LFGE 323667	53.74 -2.90 -16.89	53.29 -2.11 -22.41	55.42 -2.24 -23.90	57.10 -2.39 -22.40	57.74 -2.57 -17.72	46.93 -3.26 -0.10	80.48 -3.98 -18.85	91.95 -4.19 -37.84	65.18 -2.77 -29.79	66.15 -3.69 -22.12	52.26 -2.63 -21.15	34.71 -1.35 -19.51	25.79 -0.44 -21.28	21.43 -0.19 -19.67	44.56 -2.70 -18.07	55.24 -3.68 -17.86	63.74 -3.83 -19.41	104.38 -5.69 -28.99	107.64 -4.29 -24.88	109.94 -3.71 -34.44	93.25 -2.78 -29.83	51.69 -2.10 -5.36	40.04 -1.30 0.00	45.73 -1.91 0.00
STILLWATER___SOLAR 323814	57.38 2.55 -15.06	55.16 2.14 -20.03	55.05 2.11 -19.18	53.38 2.37 -13.93	55.32 2.79 -9.95	53.36 3.27 0.00	69.92 4.30 0.00	93.17 3.76 -31.10	69.45 2.12 -29.18	50.20 2.49 0.00	56.39 1.86 -20.79	53.39 0.81 -36.04	62.79 0.26 -57.57	56.82 0.09 -54.78	45.83 1.51 -15.14	43.43 2.39 0.00	51.21 3.04 0.00	86.57 5.50 0.00	93.16 6.11 0.00	84.51 5.30 0.00	70.46 4.25 0.00	51.29 2.87 0.00	43.55 2.21 0.00	50.21 2.57 0.00
STONY___BROOK 24151	55.60 2.32 -13.52	51.71 1.78 -16.94	50.88 1.73 -15.39	50.03 1.78 -11.17	52.70 2.13 -7.98	52.26 2.17 0.00	68.11 2.50 0.00	86.10 2.84 -24.95	63.59 2.02 -23.41	50.51 2.80 0.00	52.19 1.77 -16.68	46.31 0.85 -28.91	51.37 0.22 -46.19	45.98 0.08 -43.95	42.87 1.54 -12.14	43.62 2.57 0.00	50.77 2.61 0.00	85.46 4.39 0.00	91.92 4.87 0.00	83.25 4.05 0.00	69.41 3.20 0.00	51.01 2.59 0.00	43.56 2.22 0.00	49.97 2.33 0.00
STURGEON_POOL_HYD 23609	53.50 1.46 -12.28	50.50 1.17 -16.34	50.58 1.16 -15.64	49.70 1.26 -11.36	52.20 1.50 -8.11	51.73 1.65 0.00	68.12 2.50 0.00	85.98 2.31 -25.37	63.38 1.43 -23.80	49.59 1.88 0.00	51.84 1.15 -16.95	46.49 0.56 -29.39	52.06 0.14 -46.95	46.69 0.06 -44.68	42.58 1.04 -12.34	42.65 1.61 0.00	50.05 1.88 0.00	84.38 3.31 0.00	91.03 3.98 0.00	82.68 3.47 0.00	68.92 2.71 0.00	50.28 1.85 0.00	42.88 1.54 0.00	49.25 1.61 0.00
ST_LAW_115_BK7_LBMP 345037	39.70 -0.06 0.00	32.83 -0.16 0.00	33.56 -0.21 0.00	36.87 -0.21 0.00	42.38 -0.21 0.00	50.05 -0.04 0.00	65.36 -0.26 0.00	58.20 -0.11 0.00	38.02 -0.14 0.00	47.44 -0.27 0.00	33.52 -0.22 0.00	20.73 -0.06 -4.24	10.34 0.00 -5.39	6.75 0.01 -4.79	39.39 0.02 -10.18	47.57 -0.02 -6.53	60.50 -0.09 -12.42	87.32 -0.21 -6.46	96.01 -0.61 -9.58	94.41 -0.48 -15.69	82.64 -0.25 -16.68	51.50 0.09 -2.98	41.41 0.08 0.00	47.87 0.23 0.00

ST_LAW_115_BK8_LBMP 345038	39.70 -0.06 0.00	32.83 -0.16 0.00	33.56 -0.21 0.00	36.87 -0.21 0.00	42.38 -0.21 0.00	50.05 -0.04 0.00	65.36 -0.26 0.00	58.20 -0.11 0.00	38.02 -0.14 0.00	47.44 -0.27 0.00	33.52 -0.22 0.00	20.73 -0.06 -4.24	10.34 0.00 -5.39	6.75 0.01 -4.79	39.39 0.02 -10.18	47.57 -0.02 -6.53	60.50 -0.09 -12.42	87.32 -0.21 -6.46	96.01 -0.61 -9.58	94.41 -0.48 -15.69	82.64 -0.25 -16.68	51.50 0.09 -2.98	41.41 0.08 0.00	47.87 0.23 0.00
ST_LAW_230_BK5_LBMP 345035	39.69 -0.07 0.00	32.82 -0.16 0.00	33.55 -0.22 0.00	36.87 -0.21 0.00	42.37 -0.22 0.00	50.03 -0.06 0.00	65.35 -0.26 0.00	58.19 -0.12 0.00	38.00 -0.15 0.00	47.43 -0.28 0.00	33.50 -0.24 0.00	18.56 -0.06 -2.08	7.60 0.00 -2.65	4.31 0.01 -2.35	34.18 0.00 -5.00	44.21 -0.04 -3.20	54.14 -0.12 -6.09	83.99 -0.25 -3.17	91.11 -0.64 -4.70	86.40 -0.51 -7.70	74.13 -0.27 -8.18	49.91 0.03 -1.46	41.33 0.00 0.00	47.78 0.14 0.00
ST_LAW_230_BK6_LBMP 345036	39.69 -0.07 0.00	32.82 -0.16 0.00	33.55 -0.22 0.00	36.87 -0.21 0.00	42.37 -0.22 0.00	50.03 -0.06 0.00	65.35 -0.26 0.00	58.19 -0.12 0.00	38.00 -0.15 0.00	47.43 -0.28 0.00	33.50 -0.24 0.00	18.56 -0.06 -2.08	7.60 0.00 -2.65	4.31 0.01 -2.35	34.18 0.00 -5.00	44.21 -0.04 -3.20	54.14 -0.12 -6.09	83.99 -0.25 -3.17	91.11 -0.64 -4.70	86.40 -0.51 -7.70	74.13 -0.27 -8.18	49.91 0.03 -1.46	41.33 0.00 0.00	47.78 0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.15 1.24 -11.15	48.82 1.01 -14.83	48.96 0.99 -14.20	48.46 1.07 -10.31	51.22 1.27 -7.36	51.43 1.34 0.00	67.69 2.07 0.00	83.22 1.90 -23.03	60.94 1.19 -21.60	49.20 1.48 0.00	50.06 0.93 -15.39	43.66 0.45 -26.68	47.69 0.12 -42.62	42.55 0.05 -40.55	41.28 0.88 -11.20	42.40 1.35 0.00	49.73 1.56 0.00	83.78 2.72 0.00	90.39 3.34 0.00	82.03 2.83 0.00	68.41 2.20 0.00	49.88 1.45 0.00	42.55 1.21 0.00	48.88 1.24 0.00
SWANROAD_115KV_TB1 355699	33.90 -3.06 2.80	26.67 -2.61 3.70	26.63 -2.74 4.39	29.34 -2.79 4.95	35.38 -3.08 4.13	46.73 -3.33 0.03	54.30 -4.77 6.55	45.72 -5.78 6.80	30.36 -3.40 4.40	35.92 -4.11 7.69	28.07 -2.56 3.11	15.90 -1.20 -0.56	8.92 -0.36 -4.32	6.11 -0.15 -4.31	23.63 -2.36 3.20	31.42 -3.41 6.21	37.42 -4.00 6.75	63.42 -7.57 10.08	70.16 -8.24 8.65	59.65 -7.58 11.98	49.23 -6.61 10.37	41.83 -4.74 1.86	37.69 -3.65 0.00	43.26 -4.38 0.00
SYNERGY___BIOGAS 323694	37.29 -0.92 1.54	30.10 -0.84 2.04	30.29 -0.91 2.56	33.17 -0.80 3.11	39.14 -0.80 2.65	49.39 -0.67 0.03	60.03 -0.92 4.67	52.34 -2.04 3.92	34.78 -1.11 2.27	40.68 -1.55 5.49	31.22 -0.92 1.60	17.54 -0.48 -1.47	9.62 -0.14 -4.80	6.60 -0.06 -4.71	27.01 -0.35 1.83	34.89 -1.72 4.43	41.53 -1.81 4.82	71.12 -2.76 7.19	78.15 -2.72 6.17	68.18 -2.48 8.55	56.37 -2.44 7.40	45.23 -1.87 1.33	39.94 -1.39 0.00	45.78 -1.86 0.00
SYRACUSE___ENERGY_ST1 323597	40.76 -0.50 -1.49	34.67 -0.30 -1.99	35.38 -0.29 -1.90	38.13 -0.33 -1.38	43.19 -0.38 -0.99	49.60 -0.49 0.00	65.14 -0.48 0.00	60.88 -0.51 -3.09	40.76 -0.30 -2.90	47.42 -0.29 0.00	35.68 -0.12 -2.06	19.97 -0.13 -3.56	10.59 -0.05 -5.68	7.33 -0.03 -5.41	30.22 -0.46 -1.49	40.31 -0.74 0.00	47.41 -0.76 0.00	79.94 -1.13 0.00	85.96 -1.09 0.00	78.22 -0.98 0.00	65.28 -0.93 0.00	47.62 -0.80 0.00	40.66 -0.68 0.00	46.74 -0.90 0.00
SYRACUSE___ENERGY_ST2 323598	40.76 -0.50 -1.49	34.67 -0.30 -1.99	35.38 -0.29 -1.90	38.13 -0.33 -1.38	43.19 -0.38 -0.99	49.60 -0.49 0.00	65.14 -0.48 0.00	60.88 -0.51 -3.09	40.76 -0.30 -2.90	47.42 -0.29 0.00	35.68 -0.12 -2.06	19.97 -0.13 -3.56	10.59 -0.05 -5.68	7.33 -0.03 -5.41	30.22 -0.46 -1.49	40.31 -0.74 0.00	47.41 -0.76 0.00	79.94 -1.13 0.00	85.96 -1.09 0.00	78.22 -0.98 0.00	65.28 -0.93 0.00	47.62 -0.80 0.00	40.66 -0.68 0.00	46.74 -0.90 0.00
SYRACUSE___POWER 24017	40.70 -0.60 -1.54	34.63 -0.40 -2.05	35.36 -0.37 -1.96	38.06 -0.44 -1.42	43.09 -0.51 -1.02	49.44 -0.65 0.00	64.96 -0.66 0.00	60.76 -0.72 -3.18	40.73 -0.41 -2.98	47.30 -0.41 0.00	35.66 -0.20 -2.12	20.05 -0.16 -3.66	10.75 -0.06 -5.85	7.48 -0.03 -5.56	30.27 -0.46 -1.54	40.32 -0.73 0.00	47.44 -0.73 0.00	79.96 -1.11 0.00	85.99 -1.06 0.00	78.24 -0.96 0.00	65.29 -0.92 0.00	47.63 -0.80 0.00	40.66 -0.67 0.00	46.74 -0.90 0.00
TALLMAN___138KV_BK151 55660	52.56 1.35 -11.45	49.30 1.08 -15.24	49.41 1.05 -14.59	48.80 1.13 -10.59	51.49 1.34 -7.57	51.51 1.42 0.00	67.83 2.21 0.00	83.99 2.03 -23.66	61.66 1.31 -22.19	49.36 1.65 0.00	50.57 1.03 -15.81	44.44 0.49 -27.41	48.88 0.13 -43.79	43.67 0.05 -41.67	41.71 1.01 -11.51	42.58 1.53 0.00	49.87 1.70 0.00	83.97 2.90 0.00	90.59 3.54 0.00	82.19 2.99 0.00	68.52 2.31 0.00	49.95 1.52 0.00	42.61 1.27 0.00	48.91 1.27 0.00
TEALLAVE_115KV_TB7 355573	40.23 -0.87 -1.33	34.13 -0.63 -1.77	34.86 -0.60 -1.70	37.62 -0.69 -1.23	42.66 -0.81 -0.88	49.10 -0.99 0.00	64.51 -1.11 0.00	59.92 -1.14 -2.75	40.07 -0.67 -2.58	46.99 -0.72 0.00	35.19 -0.39 -1.84	19.47 -0.24 -3.17	9.94 -0.08 -5.06	6.72 -0.04 -4.82	29.91 -0.61 -1.33	40.09 -0.96 0.00	47.14 -1.03 0.00	79.40 -1.67 0.00	85.35 -1.69 0.00	77.66 -1.55 0.00	64.80 -1.41 0.00	47.27 -1.15 0.00	40.37 -0.97 0.00	46.41 -1.23 0.00
TELGRAPH_34_KV_EAST 80808	35.28 -2.01 2.48	27.98 -1.72 3.29	28.02 -1.82 3.93	30.81 -1.80 4.47	36.91 -1.93 3.74	48.05 -2.01 0.03	56.73 -2.86 6.03	48.32 -3.91 6.07	32.04 -2.24 3.87	37.86 -2.78 7.08	29.30 -1.70 2.74	16.48 -0.80 -0.73	9.05 -0.24 -4.33	6.15 -0.09 -4.30	25.22 -1.11 2.85	32.89 -2.44 5.72	39.14 -2.81 6.21	66.66 -5.13 9.28	73.61 -5.48 7.96	63.16 -5.02 11.02	52.17 -4.49 9.54	43.42 -3.29 1.72	38.83 -2.51 0.00	44.52 -3.12 0.00
TEMPLE___115KV_TB 2 55572	40.25 -0.86 -1.35	34.15 -0.63 -1.79	34.89 -0.60 -1.72	37.63 -0.69 -1.25	42.68 -0.80 -0.89	49.10 -0.99 0.00	64.51 -1.11 0.00	59.95 -1.14 -2.78	40.09 -0.67 -2.61	47.00 -0.72 0.00	35.21 -0.38 -1.86	19.51 -0.24 -3.21	10.00 -0.08 -5.12	6.78 -0.04 -4.87	29.93 -0.60 -1.35	40.11 -0.93 0.00	47.17 -1.00 0.00	79.47 -1.60 0.00	85.39 -1.65 0.00	77.69 -1.52 0.00	64.83 -1.38 0.00	47.29 -1.14 0.00	40.39 -0.94 0.00	46.44 -1.20 0.00
TIANA____69_KV_BK 1 55817	55.34 2.11 -13.46	51.50 1.60 -16.91	50.68 1.53 -15.39	49.83 1.58 -11.17	52.63 2.06 -7.98	52.10 2.02 0.00	67.83 2.22 0.00	85.99 2.74 -24.95	63.54 1.98 -23.41	50.41 2.70 0.00	52.07 1.65 -16.68	46.26 0.80 -28.91	51.35 0.19 -46.19	45.97 0.06 -43.95	42.68 1.35 -12.14	43.39 2.34 0.00	50.31 2.15 0.00	84.73 3.66 0.00	91.29 4.25 0.00	82.40 3.20 0.00	68.64 2.43 0.00	50.62 2.20 0.00	43.30 1.96 0.00	49.83 2.19 0.00
TILDEN___115KV_TB1 80814	40.70 -0.60 -1.54	34.63 -0.40 -2.05	35.36 -0.37 -1.96	38.06 -0.44 -1.42	43.09 -0.51 -1.02	49.44 -0.65 0.00	64.96 -0.66 0.00	60.76 -0.72 -3.18	40.73 -0.41 -2.98	47.30 -0.41 0.00	35.66 -0.20 -2.12	20.05 -0.16 -3.66	10.75 -0.06 -5.85	7.48 -0.03 -5.56	30.27 -0.46 -1.54	40.32 -0.73 0.00	47.44 -0.73 0.00	79.96 -1.11 0.00	85.99 -1.06 0.00	78.24 -0.96 0.00	65.29 -0.92 0.00	47.63 -0.80 0.00	40.66 -0.67 0.00	46.74 -0.90 0.00

TRIGEN___CC 323695	64.80 2.09 -22.94	57.28 1.64 -22.65	50.73 1.57 -15.39	49.90 1.65 -11.17	52.53 1.96 -7.98	52.14 2.05 0.00	68.36 2.74 0.00	86.03 2.76 -24.95	63.47 1.91 -23.41	50.27 2.55 0.00	52.10 1.69 -16.68	46.28 0.82 -28.91	51.36 0.21 -46.19	45.99 0.08 -43.95	42.88 1.55 -12.14	43.48 2.43 0.00	50.74 2.57 0.00	85.22 4.15 0.00	91.70 4.66 0.00	83.28 4.08 0.00	69.44 3.23 0.00	50.83 2.40 0.00	43.34 2.01 0.00	49.78 2.14 0.00
TRINITY___115KV___4 BK 55933	55.90 1.48 -14.66	53.76 1.28 -19.50	53.72 1.28 -18.67	52.09 1.45 -13.55	53.89 1.62 -9.68	51.90 1.81 0.00	67.94 2.33 0.00	90.64 2.07 -30.27	67.85 1.30 -28.40	49.33 1.61 0.00	55.06 1.09 -20.23	52.09 0.47 -35.07	61.14 0.14 -56.03	55.32 0.05 -53.32	44.87 0.95 -14.73	42.54 1.49 0.00	49.92 1.75 0.00	84.25 3.18 0.00	90.58 3.53 0.00	82.25 3.04 0.00	68.66 2.45 0.00	50.17 1.74 0.00	42.81 1.48 0.00	49.39 1.76 0.00
UNION___PROCESSING_DRP 323587	40.18 -1.33 -1.75	34.21 -1.10 -2.33	34.83 -1.17 -2.23	37.52 -1.18 -1.62	42.45 -1.29 -1.16	48.67 -1.42 0.00	63.78 -1.84 0.00	59.45 -2.47 -3.61	40.14 -1.40 -3.39	46.09 -1.63 0.00	35.18 -0.97 -2.41	20.26 -0.46 -4.18	11.48 -0.15 -6.67	8.23 -0.07 -6.35	29.64 -1.31 -1.75	39.44 -1.61 0.00	46.43 -1.74 0.00	77.91 -3.16 0.00	83.62 -3.43 0.00	76.08 -3.13 0.00	63.36 -2.85 0.00	46.22 -2.21 0.00	39.57 -1.76 0.00	45.46 -2.18 0.00
UPPER HUDSON___HYD 24058	58.76 3.93 -15.06	56.28 3.25 -20.04	56.07 3.11 -19.19	54.54 3.53 -13.93	56.79 4.25 -9.95	55.15 5.06 0.00	72.32 6.71 0.00	95.46 6.04 -31.12	70.83 3.49 -29.19	51.71 4.00 0.00	57.54 3.00 -20.79	53.98 1.38 -36.05	62.99 0.43 -57.60	56.91 0.16 -54.81	46.73 2.39 -15.14	44.66 3.61 0.00	52.84 4.68 0.00	89.38 8.31 0.00	96.33 9.28 0.00	87.22 8.02 0.00	72.57 6.36 0.00	52.74 4.31 0.00	44.64 3.30 0.00	51.34 3.69 0.00
UPPER RAQUET___HYD 24056	45.72 3.56 -2.40	38.10 2.77 -2.34	38.73 2.63 -2.34	42.23 2.88 -2.27	47.30 3.48 -1.22	53.50 3.41 0.00	71.49 4.36 -1.51	63.54 3.73 -1.51	41.30 1.45 -1.69	50.17 0.84 -1.61	35.38 -0.06 -1.71	29.98 -0.06 -13.49	22.00 -0.04 -17.08	17.18 0.00 -15.24	59.79 -0.23 -30.83	60.39 -0.30 -19.64	85.04 -0.46 -37.33	100.14 -0.37 -19.43	115.27 -0.58 -28.81	125.88 -0.50 -47.18	116.10 -0.25 -50.14	57.65 0.27 -8.95	41.74 0.40 0.00	48.20 0.56 0.00
VALLEY44_115KV_TB2 355964	41.88 -0.33 -2.45	35.95 -0.30 -3.26	36.58 -0.31 -3.12	39.17 -0.18 -2.27	44.08 -0.12 -1.62	49.85 -0.23 0.00	65.01 -0.61 0.00	61.73 -1.65 -5.07	42.01 -0.90 -4.75	46.89 -0.82 0.00	36.87 -0.26 -3.38	22.24 -0.17 -5.86	14.26 -0.06 -9.36	10.82 -0.03 -8.91	31.23 -0.42 -2.46	40.70 -0.35 0.00	47.82 -0.34 0.00	79.26 -1.81 0.00	85.60 -1.45 0.00	77.79 -1.41 0.00	64.56 -1.64 0.00	47.15 -1.27 0.00	40.72 -0.61 0.00	46.75 -0.89 0.00
VALLEY___115KV_TB 1-4 80826	40.13 0.17 -0.20	33.37 0.12 -0.26	34.17 0.15 -0.25	37.43 0.16 -0.18	42.90 0.18 -0.13	50.25 0.16 0.00	65.93 0.31 0.00	58.87 0.16 -0.41	38.45 -0.09 -0.39	47.49 -0.23 0.00	33.73 -0.28 -0.27	16.87 -0.14 -0.46	5.64 -0.05 -0.73	2.62 -0.02 -0.70	29.20 -0.18 -0.19	40.98 -0.07 0.00	48.38 0.21 0.00	81.92 0.85 0.00	88.10 1.06 0.00	80.11 0.90 0.00	66.87 0.67 0.00	48.79 0.36 0.00	41.75 0.41 0.00	48.13 0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.11 2.09 -5.26	41.75 1.76 -7.00	42.33 1.86 -6.70	44.03 2.08 -4.87	48.55 2.49 -3.48	52.99 2.90 0.00	69.67 4.05 0.00	72.56 3.39 -10.87	50.58 2.23 -10.19	50.46 2.75 0.00	42.99 1.99 -7.26	30.19 1.05 -12.58	25.38 0.32 -20.11	21.20 0.12 -19.13	36.08 1.61 -5.29	43.23 2.18 0.00	51.06 2.89 0.00	85.92 4.85 0.00	92.56 5.51 0.00	84.20 5.00 0.00	70.36 4.15 0.00	51.29 2.87 0.00	43.75 2.42 0.00	50.26 2.62 0.00
VISCHER___FERRY HYD 24020	56.26 1.64 -14.86	54.16 1.40 -19.77	54.08 1.39 -18.93	52.40 1.58 -13.74	54.17 1.77 -9.81	52.10 2.01 0.00	68.12 2.50 0.00	91.30 2.31 -30.69	68.30 1.35 -28.79	49.30 1.59 0.00	55.36 1.11 -20.51	52.58 0.48 -35.56	61.92 0.15 -56.81	56.06 0.06 -54.06	45.10 0.97 -14.94	42.66 1.61 0.00	50.09 1.93 0.00	84.51 3.44 0.00	90.85 3.81 0.00	82.46 3.26 0.00	68.84 2.63 0.00	50.27 1.85 0.00	42.86 1.52 0.00	49.51 1.87 0.00
V_A_10_SYNC_DSASP 323832	36.12 -2.12 1.52	29.20 -1.77 2.01	29.38 -1.86 2.52	32.13 -1.89 3.06	37.88 -2.10 2.61	47.62 -2.44 0.02	57.67 -3.34 4.60	50.28 -4.16 3.86	33.53 -2.39 2.23	39.56 -2.75 5.40	30.49 -1.68 1.57	17.20 -0.80 -1.45	9.45 -0.24 -4.74	6.49 -0.10 -4.65	25.67 -1.72 1.81	34.40 -2.28 4.37	40.74 -2.68 4.75	68.59 -5.39 7.09	75.02 -5.95 6.08	65.35 -5.43 8.42	54.13 -4.79 7.29	43.53 -3.59 1.31	38.53 -2.81 0.00	44.27 -3.37 0.00
V_CMM_10_SYNC_DSASP 323787	39.90 0.14 0.00	32.99 0.01 0.00	33.73 -0.03 0.00	37.07 -0.01 0.00	42.59 0.00 0.00	50.32 0.23 0.00	65.72 0.10 0.00	58.49 0.18 0.00	38.19 0.04 0.00	47.68 -0.04 0.00	33.68 -0.06 0.00	20.81 0.03 -4.24	10.37 0.02 -5.39	6.76 0.02 -4.79	39.53 0.16 -10.18	47.78 0.20 -6.53	60.74 0.15 -12.42	87.74 0.20 -6.46	96.44 -0.19 -9.58	94.79 -0.11 -15.69	82.98 0.09 -16.68	51.73 0.33 -2.98	41.61 0.27 0.00	48.09 0.45 0.00
V_CMP_10_SYNC_DSASP 323788	-20.04 -1.04 58.76	-20.22 -0.97 52.24	-20.21 -1.06 52.92	-20.10 -1.17 56.02	13.52 -1.25 27.82	48.97 -1.12 0.00	17.67 -1.75 46.20	41.22 -1.21 15.88	13.74 -1.17 23.24	-3.47 -1.78 49.41	-9.43 -1.35 41.82	-20.64 -0.55 36.63	-20.90 -0.13 25.72	-20.96 -0.04 22.87	-20.30 -0.79 48.71	8.63 -1.13 31.29	-12.51 -1.20 59.48	48.44 -1.67 30.97	38.85 -2.31 45.90	1.81 -2.23 75.17	-17.08 -1.78 81.51	30.42 -0.99 17.02	40.83 -0.51 0.00	47.99 0.35 0.00
V_D_10_SYNC_DSASP 323841	40.09 0.33 0.00	33.15 0.17 0.00	33.89 0.12 0.00	37.24 0.16 0.00	42.79 0.21 0.00	50.56 0.47 0.00	66.04 0.42 0.00	58.77 0.47 0.00	38.37 0.22 0.00	47.88 0.16 0.00	33.84 0.10 0.00	22.26 0.12 -5.59	12.12 0.05 -7.11	8.30 0.03 -6.32	42.96 0.34 -13.43	50.12 0.45 -8.62	64.99 0.44 -16.39	90.38 0.78 -8.53	100.18 0.49 -12.64	100.43 0.52 -20.71	88.80 0.58 -22.01	53.07 0.71 -3.93	41.97 0.63 0.00	48.49 0.85 0.00
V_E_10_SYNC_DSASP 323830	45.25 0.49 -4.99	40.09 0.48 -6.63	40.86 0.55 -6.55	42.85 0.62 -5.16	47.39 0.98 -3.82	51.32 1.22 -0.01	69.47 2.34 -1.51	70.74 1.90 -10.54	48.75 1.16 -9.43	50.70 1.21 -1.77	41.16 0.71 -6.71	27.00 0.20 -10.25	20.59 0.04 -15.59	16.72 -0.01 -14.79	33.83 -0.45 -5.10	41.91 -0.56 -1.43	50.06 0.34 -1.55	85.17 1.78 -2.32	92.48 3.45 -1.99	85.83 3.87 -2.75	72.83 4.24 -2.38	52.33 3.48 -0.43	44.13 2.79 0.00	50.19 2.55 0.00
V_F_30_NSYNC___DSASP 323816	57.45 2.59 -15.09	55.24 2.17 -20.08	55.15 2.16 -19.23	53.45 2.41 -13.96	55.40 2.85 -9.97	53.42 3.33 0.00	70.00 4.39 0.00	93.32 3.83 -31.18	69.59 2.19 -29.25	50.31 2.60 0.00	56.49 1.92 -20.84	53.51 0.85 -36.12	62.94 0.27 -57.71	56.96 0.10 -54.92	45.93 1.57 -15.17	43.50 2.46 0.00	51.29 3.13 0.00	86.69 5.62 0.00	93.33 6.28 0.00	84.66 5.46 0.00	70.56 4.36 0.00	51.34 2.91 0.00	43.58 2.24 0.00	50.21 2.57 0.00

V_F_30_SYNC_DSASP 323786	56.55 1.91 -14.88	54.39 1.61 -19.79	54.36 1.65 -18.95	52.69 1.84 -13.76	54.51 2.09 -9.82	52.47 2.38 0.00	68.74 3.12 0.00	91.78 2.74 -30.73	68.70 1.71 -28.83	49.87 2.16 0.00	55.79 1.51 -20.54	52.81 0.66 -35.61	62.04 0.20 -56.88	56.15 0.07 -54.13	45.44 1.30 -14.96	43.02 1.97 0.00	50.25 2.08 0.00	84.63 3.56 0.00	91.00 3.95 0.00	82.61 3.41 0.00	68.93 2.73 0.00	50.37 1.94 0.00	42.95 1.61 0.00	49.54 1.89 0.00
V_XM_10_SYNC_DSASP 323789	-20.04 -1.04 58.76	-20.22 -0.97 52.24	-20.21 -1.06 52.92	-20.10 -1.17 56.02	13.52 -1.25 27.82	48.97 -1.12 0.00	17.67 -1.75 46.20	41.22 -1.21 15.88	13.74 -1.17 23.24	-3.47 -1.78 49.41	-9.43 -1.35 41.82	-20.64 -0.55 36.63	-20.90 -0.13 25.72	-20.96 -0.04 22.87	-20.30 -0.79 48.71	8.63 -1.13 31.29	-12.51 -1.20 59.48	48.44 -1.67 30.97	38.85 -2.31 45.90	1.81 -2.23 75.17	-17.08 -1.78 81.51	30.42 -0.99 17.02	40.83 -0.51 0.00	47.99 0.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.83 1.51 -11.56	49.57 1.21 -15.38	49.67 1.19 -14.72	49.04 1.27 -10.69	51.73 1.51 -7.63	51.71 1.62 0.00	68.09 2.48 0.00	84.46 2.27 -23.88	62.02 1.47 -22.40	49.58 1.86 0.00	50.88 1.18 -15.96	44.77 0.56 -27.66	49.31 0.15 -44.20	44.06 0.06 -42.06	41.93 1.13 -11.62	42.75 1.71 0.00	50.10 1.94 0.00	84.33 3.26 0.00	91.00 3.95 0.00	82.56 3.36 0.00	68.85 2.64 0.00	50.18 1.75 0.00	42.80 1.46 0.00	49.14 1.50 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.68 1.84 -12.08	50.52 1.46 -16.07	50.56 1.41 -15.39	49.78 1.53 -11.17	52.36 1.79 -7.98	51.94 1.85 0.00	68.51 2.89 0.00	86.02 2.76 -24.96	63.41 1.85 -23.41	50.14 2.43 0.00	52.02 1.61 -16.68	46.20 0.74 -28.91	51.35 0.20 -46.20	45.99 0.08 -43.96	42.78 1.45 -12.15	43.20 2.16 0.00	50.49 2.33 0.00	84.88 3.81 0.00	91.63 4.58 0.00	83.12 3.92 0.00	69.24 3.03 0.00	50.55 2.13 0.00	43.08 1.74 0.00	49.41 1.77 0.00
W50THST__13_KV_LOAD 356117	53.82 1.97 -12.08	50.63 1.57 -16.07	50.67 1.52 -15.39	49.90 1.65 -11.17	52.50 1.93 -7.98	52.14 2.05 0.00	68.77 3.15 0.00	86.28 3.02 -24.96	63.60 2.03 -23.41	50.38 2.66 0.00	52.19 1.77 -16.68	46.29 0.83 -28.91	51.38 0.22 -46.20	45.99 0.09 -43.96	42.94 1.60 -12.15	43.43 2.38 0.00	50.74 2.58 0.00	85.28 4.21 0.00	92.10 5.05 0.00	83.53 4.33 0.00	69.56 3.35 0.00	50.74 2.32 0.00	43.26 1.93 0.00	49.59 1.95 0.00
WADING RIVER_IC_1 23522	55.25 2.03 -13.46	51.42 1.53 -16.91	50.58 1.43 -15.39	49.71 1.46 -11.17	52.40 1.84 -7.98	51.70 1.61 0.00	67.14 1.52 0.00	85.56 2.31 -24.95	63.35 1.78 -23.41	50.35 2.63 0.00	52.06 1.64 -16.68	46.26 0.80 -28.91	51.35 0.20 -46.19	45.96 0.06 -43.95	42.64 1.31 -12.14	43.31 2.26 0.00	50.07 1.90 0.00	84.32 3.25 0.00	90.79 3.74 0.00	81.81 2.61 0.00	68.18 1.97 0.00	50.35 1.92 0.00	43.06 1.72 0.00	49.45 1.81 0.00
WADING RIVER_IC_2 23547	55.25 2.03 -13.46	51.42 1.53 -16.91	50.58 1.43 -15.39	49.71 1.46 -11.17	52.40 1.84 -7.98	51.70 1.61 0.00	67.14 1.52 0.00	85.56 2.31 -24.95	63.35 1.78 -23.41	50.35 2.63 0.00	52.06 1.64 -16.68	46.26 0.80 -28.91	51.35 0.20 -46.19	45.96 0.06 -43.95	42.64 1.31 -12.14	43.31 2.26 0.00	50.07 1.90 0.00	84.32 3.25 0.00	90.79 3.74 0.00	81.81 2.61 0.00	68.18 1.97 0.00	50.35 1.92 0.00	43.06 1.72 0.00	49.45 1.81 0.00
WADING RIVER_IC_3 23601	55.25 2.03 -13.46	51.42 1.53 -16.91	50.58 1.43 -15.39	49.71 1.46 -11.17	52.40 1.84 -7.98	51.70 1.61 0.00	67.14 1.52 0.00	85.56 2.31 -24.95	63.35 1.78 -23.41	50.35 2.63 0.00	52.06 1.64 -16.68	46.26 0.80 -28.91	51.35 0.20 -46.19	45.96 0.06 -43.95	42.64 1.31 -12.14	43.31 2.26 0.00	50.07 1.90 0.00	84.32 3.25 0.00	90.79 3.74 0.00	81.81 2.61 0.00	68.18 1.97 0.00	50.35 1.92 0.00	43.06 1.72 0.00	49.45 1.81 0.00
WALDENNY_12_KV_BK2 80841	36.64 -1.53 1.59	29.55 -1.33 2.11	29.67 -1.42 2.68	32.40 -1.37 3.31	38.37 -1.39 2.83	48.62 -1.45 0.03	58.36 -2.16 5.10	50.87 -3.34 4.09	34.01 -1.86 2.29	39.63 -2.10 5.99	31.00 -1.12 1.62	17.84 -0.54 -1.83	10.39 -0.16 -5.60	7.35 -0.07 -5.48	26.05 -1.24 1.91	34.55 -1.67 4.84	41.09 -1.82 5.26	69.26 -3.96 7.85	76.13 -4.18 6.73	66.00 -3.88 9.32	54.53 -3.60 8.07	44.32 -2.66 1.45	39.39 -1.95 0.00	45.17 -2.48 0.00
WALDEN__HYDRO 24148	52.87 1.51 -11.60	49.65 1.22 -15.44	49.76 1.22 -14.78	49.13 1.31 -10.73	51.80 1.55 -7.67	51.77 1.69 0.00	68.17 2.55 0.00	84.60 2.33 -23.97	62.07 1.43 -22.48	49.48 1.77 0.00	50.89 1.14 -16.02	44.86 0.55 -27.77	49.47 0.14 -44.36	44.21 0.05 -42.21	41.86 1.01 -11.66	42.61 1.56 0.00	50.01 1.84 0.00	84.37 3.30 0.00	91.02 3.97 0.00	82.65 3.45 0.00	68.91 2.70 0.00	50.26 1.84 0.00	42.86 1.52 0.00	49.22 1.58 0.00
WARRENSBURG____ 23737	58.76 3.93 -15.06	56.28 3.25 -20.04	56.07 3.11 -19.19	54.53 3.52 -13.93	56.79 4.25 -9.95	55.15 5.06 0.00	72.32 6.71 0.00	95.46 6.04 -31.12	70.83 3.49 -29.19	51.72 4.00 0.00	57.54 3.01 -20.79	53.98 1.38 -36.05	62.99 0.43 -57.60	56.91 0.16 -54.81	46.73 2.40 -15.14	44.67 3.62 0.00	52.84 4.67 0.00	89.38 8.31 0.00	96.34 9.29 0.00	87.22 8.02 0.00	72.57 6.36 0.00	52.73 4.30 0.00	44.64 3.30 0.00	51.34 3.70 0.00
WATERSIDE____6 8 9 23538	52.19 2.01 -10.42	48.58 1.61 -13.99	48.73 1.56 -13.41	47.81 1.69 -9.04	50.73 1.97 -6.17	50.53 2.09 1.65	68.15 3.21 0.68	86.31 3.05 -24.96	61.28 2.06 -21.06	47.63 2.66 2.74	50.24 1.79 -14.71	43.28 0.84 -25.89	49.40 0.22 -44.21	43.36 0.09 -41.31	39.95 1.63 -9.14	40.40 2.39 3.04	48.32 2.55 2.39	81.25 4.10 3.92	91.63 4.86 0.28	78.17 4.22 5.26	60.40 3.28 9.08	41.37 2.31 9.36	39.35 1.88 3.87	47.14 1.87 2.38
WATKINRD_115KV_LN8_ILLION 55919	40.25 0.29 -0.20	33.48 0.23 -0.26	34.28 0.26 -0.25	37.55 0.28 -0.18	43.04 0.32 -0.13	50.42 0.33 0.00	66.13 0.51 0.00	59.08 0.36 -0.41	38.65 0.11 -0.39	47.79 0.07 0.00	33.98 -0.03 -0.27	16.98 -0.02 -0.46	5.68 -0.01 -0.73	2.63 -0.01 -0.70	29.38 0.00 -0.19	41.20 0.15 0.00	48.54 0.38 0.00	82.07 1.00 0.00	88.31 1.27 0.00	80.28 1.08 0.00	67.02 0.82 0.00	48.93 0.50 0.00	41.81 0.47 0.00	48.17 0.53 0.00
WATSON__69_KV_BK 1 55734	56.49 2.76 -13.97	52.34 2.14 -17.22	51.23 2.08 -15.39	50.42 2.17 -11.17	53.16 2.60 -7.98	52.77 2.68 0.00	68.74 3.13 0.00	86.70 3.44 -24.95	63.92 2.35 -23.41	50.89 3.17 0.00	52.50 2.09 -16.68	46.47 1.01 -28.91	51.41 0.27 -46.19	46.00 0.10 -43.95	43.17 1.84 -12.14	44.03 2.98 0.00	51.35 3.18 0.00	86.34 5.27 0.00	92.70 5.65 0.00	84.19 4.98 0.00	70.24 4.03 0.00	51.57 3.15 0.00	44.02 2.68 0.00	50.45 2.81 0.00
WDELAWARE__HYD 323627	53.15 2.46 -10.93	49.56 2.04 -14.54	49.77 2.09 -13.92	49.48 2.30 -10.11	52.51 2.71 -7.22	53.21 3.12 0.00	70.03 4.42 0.00	84.68 3.80 -22.57	61.60 2.28 -21.17	50.58 2.87 0.00	50.76 1.94 -15.08	43.68 0.98 -26.15	47.00 0.26 -41.77	41.79 0.09 -39.75	41.39 1.22 -10.98	42.92 1.87 0.00	50.59 2.43 0.00	85.66 4.59 0.00	92.51 5.46 0.00	84.01 4.81 0.00	70.00 3.79 0.00	51.05 2.62 0.00	43.52 2.18 0.00	49.94 2.31 0.00

WEST BABYLON___IC 23714	57.50 2.65 -15.09	52.95 2.07 -17.90	51.15 1.99 -15.39	50.33 2.08 -11.17	53.04 2.47 -7.98	52.67 2.58 0.00	68.79 3.17 0.00	86.62 3.36 -24.95	63.85 2.29 -23.41	50.78 3.06 0.00	52.44 2.02 -16.68	46.44 0.98 -28.91	51.40 0.25 -46.19	46.00 0.10 -43.95	43.12 1.79 -12.14	43.94 2.90 0.00	51.28 3.11 0.00	86.17 5.10 0.00	92.61 5.56 0.00	84.15 4.94 0.00	70.16 3.95 0.00	51.47 3.04 0.00	43.92 2.58 0.00	50.37 2.73 0.00
WEST CANADA___HYD 24049	40.15 0.19 -0.20	33.41 0.16 -0.26	34.19 0.17 -0.25	37.45 0.18 -0.18	42.90 0.19 -0.13	50.25 0.15 0.00	65.89 0.27 0.00	58.95 0.24 -0.41	38.70 0.16 -0.39	47.88 0.17 0.00	34.09 0.08 -0.27	17.06 0.05 -0.46	5.70 0.01 -0.73	2.64 0.00 -0.70	29.48 0.11 -0.19	41.24 0.20 0.00	48.40 0.24 0.00	81.55 0.49 0.00	87.68 0.63 0.00	79.75 0.54 0.00	66.65 0.44 0.00	48.72 0.30 0.00	41.58 0.25 0.00	47.91 0.27 0.00
WESTERN_NY_WIND 24143	36.97 -1.01 1.78	29.70 -0.93 2.35	29.85 -1.02 2.90	32.74 -0.90 3.44	38.78 -0.90 2.92	49.31 -0.75 0.03	59.56 -1.06 5.01	51.66 -2.19 4.45	34.29 -1.21 2.66	40.11 -1.73 5.88	30.84 -1.02 1.88	17.33 -0.50 -1.29	9.50 -0.15 -4.69	6.50 -0.06 -4.61	26.74 -0.37 2.08	34.45 -1.85 4.75	41.07 -1.93 5.16	70.42 -2.95 7.71	77.51 -2.93 6.61	67.39 -2.66 9.15	55.68 -2.60 7.93	45.04 -1.96 1.42	39.87 -1.46 0.00	45.70 -1.94 0.00
WESTOVER___LESR 323668	43.55 -0.20 -3.99	38.18 -0.11 -5.30	38.79 -0.05 -5.08	40.71 -0.06 -3.69	45.24 0.02 -2.63	49.93 -0.16 0.00	65.60 -0.02 0.00	66.30 -0.24 -8.24	45.74 -0.14 -7.73	47.67 -0.05 0.00	39.30 0.05 -5.50	26.04 -0.04 -9.53	20.18 -0.01 -15.23	16.43 -0.02 -14.49	33.02 -0.17 -4.00	40.79 -0.26 0.00	48.06 -0.11 0.00	80.77 -0.30 0.00	87.06 0.01 0.00	79.22 0.02 0.00	66.09 -0.12 0.00	48.21 -0.22 0.00	41.23 -0.11 0.00	47.32 -0.32 0.00
WETHRSFD_WT_PWR 323626	3.65 -3.42 32.69	-12.98 -2.61 43.36	-16.51 -2.65 47.63	-13.07 -2.90 47.25	1.34 -3.18 38.08	45.98 -3.86 0.25	13.32 -5.03 47.26	-21.69 -5.04 74.94	-21.05 -3.21 55.99	-11.91 -4.14 55.48	-8.82 -2.85 39.71	-10.75 -1.45 25.85	-11.99 -0.46 16.49	-12.51 -0.19 14.26	-9.19 -2.75 35.63	-7.61 -3.85 44.81	-4.73 -4.20 48.70	1.47 -6.87 72.73	18.09 -6.54 62.41	-12.85 -5.66 86.40	-13.42 -4.80 74.82	31.38 -3.61 13.44	38.59 -2.75 0.00	43.96 -3.68 0.00
WHAVSTOR_138KV_BK127 55557	52.70 1.35 -11.58	49.48 1.08 -15.41	49.57 1.06 -14.75	48.93 1.14 -10.71	51.59 1.35 -7.65	51.51 1.41 0.00	67.81 2.19 0.00	84.26 2.03 -23.92	61.92 1.32 -22.44	49.37 1.66 0.00	50.77 1.04 -15.99	44.75 0.49 -27.72	49.38 0.13 -44.28	44.14 0.05 -42.14	41.84 1.01 -11.64	42.59 1.54 0.00	49.87 1.70 0.00	83.95 2.88 0.00	90.59 3.54 0.00	82.19 2.99 0.00	68.53 2.32 0.00	49.97 1.54 0.00	42.63 1.29 0.00	48.95 1.31 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.70 1.35 -11.58	49.48 1.08 -15.41	49.57 1.06 -14.75	48.93 1.14 -10.71	51.59 1.35 -7.65	51.51 1.41 0.00	67.81 2.19 0.00	84.26 2.03 -23.92	61.92 1.32 -22.44	49.37 1.66 0.00	50.77 1.04 -15.99	44.75 0.49 -27.72	49.38 0.13 -44.28	44.14 0.05 -42.14	41.84 1.01 -11.64	42.59 1.54 0.00	49.87 1.70 0.00	83.95 2.88 0.00	90.59 3.54 0.00	82.19 2.99 0.00	68.53 2.32 0.00	49.97 1.54 0.00	42.63 1.29 0.00	48.95 1.31 0.00
WHITEHAL_115KV_TB1 80871	59.95 5.13 -15.06	57.23 4.22 -20.03	56.76 3.82 -19.18	55.29 4.28 -13.92	57.86 5.33 -9.95	56.43 6.34 0.00	73.62 8.01 0.00	97.03 7.63 -31.10	71.68 4.35 -29.17	52.28 4.57 0.00	58.08 3.56 -20.78	54.29 1.71 -36.03	63.07 0.55 -57.56	56.92 0.20 -54.78	47.47 3.15 -15.13	45.79 4.74 0.00	54.21 6.04 0.00	91.30 10.23 0.00	97.98 10.94 0.00	88.65 9.44 0.00	73.46 7.25 0.00	53.93 5.50 0.00	45.96 4.63 0.00	52.82 5.18 0.00
WHITEPLN_13_KV_LOAD 356215	53.85 2.03 -12.06	50.65 1.62 -16.04	50.72 1.59 -15.36	49.95 1.72 -11.15	52.57 2.02 -7.96	52.30 2.21 0.00	68.93 3.31 0.00	86.33 3.11 -24.91	63.57 2.05 -23.37	50.33 2.61 0.00	52.13 1.74 -16.65	46.23 0.83 -28.86	51.29 0.23 -46.11	45.91 0.09 -43.87	42.88 1.57 -12.12	43.41 2.36 0.00	50.84 2.68 0.00	85.62 4.56 0.00	92.36 5.31 0.00	83.79 4.59 0.00	69.79 3.58 0.00	50.92 2.49 0.00	43.39 2.06 0.00	49.79 2.15 0.00
WM_FLOYD_69_KV_BK2 356380	55.49 2.24 -13.49	51.62 1.71 -16.92	50.80 1.65 -15.39	49.95 1.70 -11.17	52.66 2.09 -7.98	52.15 2.06 0.00	67.86 2.24 0.00	85.95 2.69 -24.95	63.52 1.95 -23.41	50.45 2.74 0.00	52.12 1.70 -16.68	46.28 0.82 -28.91	51.35 0.20 -46.19	45.97 0.07 -43.95	42.78 1.45 -12.14	43.51 2.46 0.00	50.55 2.38 0.00	85.07 4.00 0.00	91.58 4.54 0.00	82.77 3.57 0.00	68.97 2.76 0.00	50.81 2.38 0.00	43.42 2.08 0.00	49.84 2.21 0.00
WOODARD___115KV_TB2 355635	40.27 -0.85 -1.36	34.19 -0.61 -1.81	34.91 -0.59 -1.74	37.66 -0.68 -1.26	42.69 -0.80 -0.90	49.11 -0.98 0.00	64.52 -1.10 0.00	60.00 -1.12 -2.82	40.14 -0.66 -2.64	46.99 -0.72 0.00	35.22 -0.40 -1.88	19.54 -0.25 -3.24	10.06 -0.08 -5.18	6.84 -0.04 -4.93	29.91 -0.64 -1.36	40.03 -1.02 0.00	47.06 -1.11 0.00	79.29 -1.78 0.00	85.19 -1.86 0.00	77.52 -1.68 0.00	64.71 -1.50 0.00	47.20 -1.22 0.00	40.32 -1.01 0.00	46.36 -1.28 0.00
YORK___WARBASSE 23770	62.48 2.32 -20.39	61.34 1.87 -26.48	60.89 1.82 -25.29	60.90 1.99 -21.83	61.92 2.31 -17.02	60.84 2.49 -8.26	72.70 3.68 -3.40	86.70 3.43 -24.96	75.70 2.36 -35.19	64.34 2.98 -13.64	62.31 2.07 -26.51	61.55 0.97 -44.03	61.90 0.27 -56.67	60.69 0.10 -58.64	61.16 1.84 -30.12	61.66 2.71 -17.91	64.72 2.92 -13.64	105.17 4.56 -19.54	93.87 5.44 -1.39	110.20 4.77 -26.22	115.25 3.73 -45.30	97.79 2.67 -46.69	62.83 2.21 -19.29	61.72 2.22 -11.86