

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/09/2025

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	53.83	47.85	41.87	44.24	54.48	63.72	231.76	114.12	55.45	24.73	30.43	19.27	27.31	30.86	31.98	27.91	37.19	42.84	45.78	65.25	53.72	51.64	56.63	48.60
24138	2.55	2.13	1.80	1.98	2.24	2.70	10.10	5.94	3.24	1.51	1.63	1.42	1.99	2.15	2.03	1.78	2.34	2.83	3.18	4.22	3.30	2.71	2.68	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.77	-1.06	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	53.88	47.89	41.93	44.29	54.56	63.78	231.96	114.18	55.39	24.70	30.39	19.26	27.29	30.83	31.95	27.88	37.15	42.78	45.70	65.18	53.69	51.66	56.75	48.70
24260	2.60	2.17	1.86	2.03	2.32	2.77	10.30	5.99	3.18	1.48	1.59	1.41	1.97	2.12	2.00	1.75	2.30	2.78	3.11	4.16	3.26	2.73	2.79	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.77	-1.06	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	53.88	47.89	41.93	44.29	54.56	63.78	231.96	114.18	55.39	24.70	30.39	19.26	27.29	30.83	31.95	27.88	37.15	42.78	45.70	65.18	53.69	51.66	56.75	48.70
24261	2.60	2.17	1.86	2.03	2.32	2.77	10.30	5.99	3.18	1.48	1.59	1.41	1.97	2.12	2.00	1.75	2.30	2.78	3.11	4.16	3.26	2.73	2.79	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.77	-1.06	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	53.86	48.10	42.10	44.40	54.70	63.94	233.21	113.36	54.60	23.96	30.54	18.83	26.48	29.69	30.72	26.82	36.06	42.17	45.11	64.54	53.14	51.33	56.56	48.71
24011	2.58	2.38	2.04	2.14	2.47	2.92	11.55	5.17	2.39	0.74	0.68	0.75	1.07	0.98	0.78	0.69	1.21	2.16	2.52	3.51	2.72	2.41	2.60	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.83	-1.29	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	54.18	48.45	42.38	44.70	55.05	64.30	235.09	114.07	54.92	24.04	30.58	18.88	26.52	29.76	30.78	26.87	36.20	42.48	45.44	64.95	53.51	51.67	56.95	49.10
23798	2.90	2.73	2.31	2.44	2.81	3.28	13.43	5.89	2.71	0.82	0.72	0.80	1.11	1.05	0.84	0.74	1.35	2.47	2.84	3.93	3.08	2.75	2.99	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.83	-1.29	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	53.86	48.10	42.10	44.40	54.70	63.94	233.21	113.36	54.60	23.96	30.54	18.83	26.48	29.69	30.72	26.82	36.06	42.17	45.11	64.54	53.14	51.33	56.56	48.71
24028	2.58	2.38	2.04	2.14	2.47	2.92	11.55	5.17	2.39	0.74	0.68	0.75	1.07	0.98	0.78	0.69	1.21	2.16	2.52	3.51	2.72	2.41	2.60	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.83	-1.29	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	52.97	47.26	41.37	43.59	53.60	62.59	225.52	109.84	53.37	23.63	30.21	18.66	26.28	29.48	30.52	26.58	35.69	41.49	43.93	62.77	51.34	49.63	55.00	47.44
23527	1.69	1.55	1.31	1.32	1.37	1.57	3.85	1.65	1.16	0.41	0.52	0.62	0.89	0.77	0.57	0.45	0.85	1.48	1.34	1.74	0.92	0.70	1.04	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.66	-1.25	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	51.67	46.23	40.50	42.72	52.46	60.99	219.94	107.36	52.05	23.22	29.78	18.37	25.87	29.01	30.06	26.24	34.93	40.37	42.81	61.18	50.46	48.76	53.70	46.32
24190	0.39	0.51	0.44	0.46	0.22	-0.02	-1.72	-0.82	-0.16	0.00	0.09	0.33	0.48	0.30	0.11	0.11	0.08	0.36	0.22	0.16	0.03	-0.16	-0.26	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.66	-1.25	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	50.86	45.46	39.81	42.00	52.34	61.11	221.30	107.99	52.22	23.22	24.07	15.96	23.10	26.11	26.01	-3.79	-27.51	16.64	41.81	60.15	49.82	48.72	53.92	46.61
355683	-0.43	-0.26	-0.25	-0.26	0.10	0.09	-0.36	-0.20	0.01	0.00	-0.05	-0.85	-1.81	-2.60	-3.94	-3.97	-4.58	-2.83	-0.78	-0.88	-0.61	-0.21	-0.04	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.02	-0.01	0.00	0.00	25.95	57.78	20.55	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	52.59	46.98	41.18	43.45	53.46	62.32	225.35	109.41	52.72	23.35	29.69	18.36	25.86	28.98	30.15	26.29	35.09	40.60	43.52	62.43	51.46	49.74	54.81	47.26
323833	1.30	1.26	1.11	1.19	1.23	1.30	3.68	1.23	0.51	0.13	0.09	0.33	0.47	0.26	0.21	0.15	0.25	0.59	0.92	1.41	1.03	0.81	0.86	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.57	-1.23	-0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	52.58	46.97	41.18	43.44	53.45	62.30	225.27	109.39	52.72	23.35	29.69	18.35	25.86	28.98	30.15	26.29	35.09	40.60	43.51	62.41	51.45	49.72	54.80	47.24
323834	1.29	1.25	1.11	1.18	1.21	1.28	3.61	1.20	0.50	0.12	0.09	0.33	0.47	0.26	0.21	0.15	0.25	0.59	0.92	1.39	1.02	0.80	0.84	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.57	-1.23	-0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	51.67	46.23	40.50	42.72	52.46	60.99	219.94	107.36	52.05	23.22	29.78	18.37	25.87	29.01	30.06	26.24	34.93	40.37	42.81	61.18	50.46	48.76	53.70	46.32
23571	0.39	0.51	0.44	0.46	0.22	-0.02	-1.72	-0.82	-0.16	0.00	0.09	0.33	0.48	0.30	0.11	0.11	0.08	0.36	0.22	0.16	0.03	-0.16	-0.26	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.66	-1.25	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	51.67 0.39 0.00	46.23 0.51 0.00	40.50 0.44 0.00	42.72 0.46 0.00	52.46 0.22 0.00	60.99 -0.02 0.00	219.94 -1.72 0.00	107.36 -0.82 0.00	52.05 -0.16 0.00	23.22 0.00 0.00	29.78 0.09 -5.66	18.37 0.33 -1.25	25.87 0.48 -0.49	29.01 0.30 0.00	30.06 0.11 0.00	26.24 0.11 0.00	34.93 0.08 0.00	40.37 0.36 0.00	42.81 0.22 0.00	61.18 0.16 0.00	50.46 0.03 0.00	48.76 -0.16 0.00	53.70 -0.26 0.00	46.32 -0.16 0.00
ALBANY___3 23573	51.67 0.39 0.00	46.23 0.51 0.00	40.50 0.44 0.00	42.72 0.46 0.00	52.46 0.22 0.00	60.99 -0.02 0.00	219.94 -1.72 0.00	107.36 -0.82 0.00	52.05 -0.16 0.00	23.22 0.00 0.00	29.78 0.09 -5.66	18.37 0.33 -1.25	25.87 0.48 -0.49	29.01 0.30 0.00	30.06 0.11 0.00	26.24 0.11 0.00	34.93 0.08 0.00	40.37 0.36 0.00	42.81 0.22 0.00	61.18 0.16 0.00	50.46 0.03 0.00	48.76 -0.16 0.00	53.70 -0.26 0.00	46.32 -0.16 0.00
ALBANY___4 23574	51.67 0.39 0.00	46.23 0.51 0.00	40.50 0.44 0.00	42.72 0.46 0.00	52.46 0.22 0.00	60.99 -0.02 0.00	219.94 -1.72 0.00	107.36 -0.82 0.00	52.05 -0.16 0.00	23.22 0.00 0.00	29.78 0.09 -5.66	18.37 0.33 -1.25	25.87 0.48 -0.49	29.01 0.30 0.00	30.06 0.11 0.00	26.24 0.11 0.00	34.93 0.08 0.00	40.37 0.36 0.00	42.81 0.22 0.00	61.18 0.16 0.00	50.46 0.03 0.00	48.76 -0.16 0.00	53.70 -0.26 0.00	46.32 -0.16 0.00
ALBANY___LFGE 323615	52.19 0.90 0.00	46.64 0.92 0.00	40.86 0.79 0.00	43.09 0.83 0.00	52.94 0.70 0.00	61.66 0.64 0.00	222.60 0.93 0.00	108.63 0.45 0.00	52.64 0.43 0.00	23.45 0.23 0.00	30.04 0.31 -5.70	18.54 0.49 -1.26	26.10 0.70 -0.50	29.26 0.55 0.00	30.31 0.37 0.00	26.47 0.33 0.00	35.29 0.44 0.00	40.81 0.81 0.00	43.33 0.74 0.00	61.91 0.89 0.00	51.03 0.60 0.00	49.30 0.37 0.00	54.28 0.33 0.00	46.81 0.32 0.00
ALCOA_PA_115KV_PL-6C 55860	51.39 0.11 0.00	45.78 0.07 0.00	40.10 0.04 0.00	42.32 0.05 0.00	52.75 0.51 0.00	61.61 0.59 0.00	223.06 1.40 0.00	108.85 0.66 0.00	52.73 0.51 0.00	23.36 0.14 0.00	24.20 0.07 -0.10	16.05 -0.76 -0.02	23.23 -1.68 -0.01	26.28 -2.44 0.00	26.20 -3.74 0.00	-2.80 -3.80 25.13	-25.46 -4.36 55.94	17.53 -2.58 19.89	42.05 -0.54 0.00	60.34 -0.69 0.00	50.16 -0.26 0.00	49.12 0.19 0.00	54.34 0.39 0.00	46.98 0.49 0.00
ALCOA_RYNLDS___DRP 24188	51.39 0.11 0.00	45.78 0.07 0.00	40.10 0.04 0.00	42.32 0.05 0.00	52.75 0.51 0.00	61.61 0.59 0.00	223.06 1.40 0.00	108.85 0.66 0.00	52.73 0.51 0.00	23.36 0.14 0.00	24.20 0.07 -0.10	16.05 -0.76 -0.02	23.23 -1.68 -0.01	26.28 -2.44 0.00	26.20 -3.74 0.00	-2.80 -3.80 25.13	-25.46 -4.36 55.94	17.53 -2.58 19.89	42.05 -0.54 0.00	60.34 -0.69 0.00	50.16 -0.26 0.00	49.12 0.19 0.00	54.34 0.39 0.00	46.98 0.49 0.00
ALCOA___DSASP 323711	51.39 0.11 0.00	45.79 0.07 0.00	40.10 0.04 0.00	42.32 0.05 0.00	52.75 0.51 0.00	61.60 0.59 0.00	223.07 1.41 0.00	108.85 0.66 0.00	52.73 0.51 0.00	23.36 0.14 0.00	24.21 0.08 -0.10	16.05 -0.76 -0.02	23.23 -1.69 -0.01	26.28 -2.44 0.00	26.20 -3.74 0.00	-2.84 -3.84 25.13	-25.51 -4.42 55.94	17.50 -2.61 19.89	42.05 -0.54 0.00	60.34 -0.69 0.00	50.17 -0.26 0.00	49.12 0.19 0.00	54.34 0.39 0.00	46.98 0.49 0.00
ALLEGHENY___COGEN 23514	52.61 1.33 0.00	47.00 1.28 0.00	41.23 1.17 0.00	43.42 1.16 0.00	53.81 1.57 0.00	63.10 2.08 0.00	233.67 12.00 0.00	112.96 4.77 0.00	52.63 0.42 0.00	23.09 -0.13 0.00	24.68 -0.12 -0.77	16.99 0.03 -0.17	25.11 0.14 -0.07	28.84 0.13 0.00	29.94 -0.01 0.00	26.18 0.05 0.00	34.90 0.05 0.00	40.33 0.32 0.00	43.60 1.01 0.00	62.81 1.78 0.00	52.66 2.23 0.00	51.23 2.30 0.00	56.32 2.36 0.00	48.40 1.91 0.00
ALTAMONT_115KV_TB 2 55880	52.14 0.86 0.00	46.54 0.82 0.00	40.78 0.71 0.00	43.02 0.76 0.00	52.97 0.73 0.00	61.79 0.77 0.00	223.54 1.88 0.00	109.14 0.95 0.00	52.81 0.60 0.00	23.48 0.26 0.00	29.97 0.29 -5.65	18.51 0.47 -1.25	26.10 0.70 -0.49	29.28 0.57 0.00	30.34 0.40 0.00	26.48 0.34 0.00	35.30 0.45 0.00	40.77 0.76 0.00	43.37 0.78 0.00	62.06 1.04 0.00	51.14 0.71 0.00	49.45 0.52 0.00	54.48 0.52 0.00	46.94 0.45 0.00
ALTONA_WT_PWR 323606	50.61 -0.67 0.00	45.33 -0.39 0.00	39.89 -0.17 0.00	42.24 -0.02 0.00	52.92 0.68 0.00	61.94 0.92 0.00	226.19 4.53 0.00	110.49 2.30 0.00	53.30 1.09 0.00	23.58 0.36 0.00	24.31 0.19 -0.09	16.18 -0.64 -0.02	23.44 -1.47 -0.01	26.42 -2.29 0.00	25.87 -4.07 0.00	-3.71 -4.03 25.81	-26.68 -4.05 57.47	17.02 -2.55 20.44	42.13 -0.46 0.00	60.85 -0.18 0.00	51.05 0.62 0.00	49.85 0.93 0.00	55.03 1.08 0.00	47.37 0.88 0.00
AMERICAN_REF_FUEL 24010	48.34 -2.95 0.00	43.11 -2.61 0.00	37.63 -2.43 0.00	39.57 -2.69 0.00	48.83 -3.41 0.00	57.00 -4.02 0.00	209.84 -11.83 0.00	101.21 -6.97 0.00	48.23 -3.98 0.00	21.92 -1.30 0.00	23.44 -1.28 -0.69	16.21 -0.74 -0.15	23.93 -1.04 -0.06	27.62 -1.10 0.00	28.71 -1.24 0.00	25.28 -0.85 0.00	33.64 -1.21 0.00	38.29 -1.72 0.00	40.18 -2.41 0.00	56.31 -4.71 0.00	46.94 -3.49 0.00	45.84 -3.09 0.00	50.86 -3.09 0.00	44.09 -2.40 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.60 0.32 0.00	46.01 0.29 0.00	40.35 0.28 0.00	42.47 0.20 0.00	52.46 0.22 0.00	61.37 0.36 0.00	226.14 4.47 0.00	109.52 1.33 0.00	51.96 -0.25 0.00	23.60 0.38 0.00	25.30 0.49 -0.78	17.46 0.50 -0.17	25.57 0.60 -0.07	29.43 0.72 0.00	30.63 0.69 0.00	26.88 0.75 0.00	35.87 1.02 0.00	41.16 1.15 0.00	43.40 0.81 0.00	61.12 0.09 0.00	51.04 0.61 0.00	49.76 0.84 0.00	54.94 0.99 0.00	47.30 0.82 0.00
ARTHUR KILL_GT_1 23520	60.65 2.47 -6.90	59.39 2.11 -11.57	59.37 1.81 -17.49	59.15 1.97 -14.92	61.05 2.24 -6.57	65.48 2.69 -1.77	231.15 9.48 0.00	121.27 5.64 -7.44	100.39 2.80 -45.38	57.20 1.22 -32.76	67.23 1.30 -41.90	79.27 1.20 -61.27	103.50 1.75 -76.85	101.86 1.88 -71.26	81.66 1.69 -50.02	83.33 1.48 -55.71	65.76 1.99 -28.92	57.50 2.52 -14.97	69.25 2.74 -23.91	66.89 3.68 -2.19	68.33 2.96 -14.94	68.69 2.52 -17.24	74.65 2.75 -17.95	58.85 2.29 -10.07
ARTHUR_KILL_2 23512	60.51 2.33 -6.90	59.26 1.97 -11.57	59.26 1.70 -17.49	59.04 1.86 -14.92	60.91 2.10 -6.57	65.30 2.52 -1.77	230.41 8.74 0.00	120.93 5.30 -7.44	100.24 2.64 -45.38	57.14 1.15 -32.76	67.17 1.24 -41.90	79.24 1.17 -61.27	103.44 1.69 -76.85	101.80 1.82 -71.26	81.60 1.63 -50.02	83.27 1.43 -55.71	65.69 1.92 -28.92	57.40 2.42 -14.97	69.13 2.62 -23.91	66.71 3.50 -2.19	68.17 2.80 -14.94	68.54 2.37 -17.24	74.49 2.58 -17.95	58.71 2.15 -10.07
ARTHUR_KILL_3 23513	60.20 2.04 -6.89	58.94 1.66 -11.56	58.98 1.42 -17.49	58.77 1.60 -14.91	60.58 1.78 -6.56	64.89 2.11 -1.76	229.32 7.66 0.00	120.25 4.74 -7.33	54.79 2.57 0.00	24.42 1.20 0.00	30.10 1.30 -4.77	19.04 1.20 -1.06	26.96 1.64 -0.42	30.44 1.73 0.00	31.55 1.60 0.00	27.54 1.41 0.00	36.68 1.83 0.00	42.28 2.27 0.00	69.33 2.62 -24.11	74.74 3.45 -10.27	75.05 2.69 -21.93	91.40 2.18 -40.30	74.43 2.19 -18.28	57.40 1.72 -9.20

ARTHUR_KILL_COGEN 323718	60.65 2.47 -6.90	59.39 2.11 -11.57	59.37 1.81 -17.49	59.15 1.97 -14.92	61.05 2.24 -6.57	65.48 2.69 -1.77	231.15 9.48 0.00	121.27 5.64 -7.44	100.39 2.80 -45.38	57.20 1.22 -32.76	67.23 1.30 -41.90	79.27 1.20 -61.27	103.50 1.75 -76.85	101.86 1.88 -71.26	81.66 1.69 -50.02	83.33 1.48 -55.71	65.76 1.99 -28.92	57.50 2.52 -14.97	69.25 2.74 -23.91	66.89 3.68 -2.19	68.33 2.96 -14.94	68.69 2.52 -17.24	74.65 2.75 -17.95	58.85 2.29 -10.07
ASHOKAN____ 23654	53.60 2.31 0.00	47.78 2.07 0.00	41.86 1.80 0.00	44.17 1.91 0.00	54.43 2.19 0.00	63.60 2.58 0.00	231.27 9.61 0.00	113.21 5.02 0.00	54.47 2.26 0.00	24.06 0.84 0.00	30.00 0.74 -5.24	18.71 0.76 -1.16	26.37 1.01 -0.46	29.68 0.97 0.00	30.75 0.81 0.00	26.82 0.69 0.00	35.76 0.91 0.00	41.52 1.51 0.00	44.49 1.90 0.00	63.99 2.96 0.00	52.79 2.37 0.00	50.98 2.05 0.00	55.99 2.04 0.00	48.10 1.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.33 2.05 0.01	47.38 1.66 0.01	41.45 1.40 0.01	43.81 1.56 0.00	53.96 1.73 0.01	63.02 2.01 0.01	230.70 7.23 -1.80	112.98 4.80 0.01	56.13 2.77 -1.14	24.57 1.36 0.01	30.27 1.48 -4.77	19.17 1.34 -1.05	27.17 1.86 -0.41	30.75 2.05 0.01	31.88 1.94 0.01	27.83 1.70 0.01	36.90 2.06 0.01	42.28 2.27 0.00	45.12 2.53 0.00	64.47 3.45 0.00	53.24 2.69 -0.12	51.45 2.19 -0.33	56.15 2.19 -0.01	48.22 1.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	53.33 2.05 0.01	47.38 1.66 0.01	41.45 1.40 0.01	43.81 1.56 0.00	53.96 1.73 0.01	63.02 2.01 0.01	230.70 7.23 -1.80	112.98 4.80 0.01	56.13 2.77 -1.14	24.57 1.36 0.01	30.27 1.48 -4.77	19.17 1.34 -1.05	27.17 1.86 -0.41	30.75 2.04 0.01	31.87 1.94 0.01	27.83 1.70 0.01	36.90 2.06 0.01	42.28 2.27 0.00	45.12 2.53 0.00	64.47 3.45 0.00	53.24 2.69 -0.12	51.45 2.19 -0.33	56.15 2.19 -0.01	48.22 1.73 0.00
ASTORIA_GT2_1 24094	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT2_2 24095	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT2_3 24096	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT2_4 24097	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT3_1 24098	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT3_2 24099	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT3_3 24100	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT3_4 24101	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT4_1 24102	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT4_2 24103	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT4_3 24104	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00

ASTORIA_GT4_4 24105	53.36 2.08 0.00	47.40 1.68 0.00	41.49 1.43 0.00	43.84 1.57 0.00	53.99 1.75 0.00	63.05 2.03 0.00	230.88 7.41 -1.81	113.09 4.90 0.00	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.16 2.57 0.00	64.51 3.48 0.00	53.30 2.75 -0.12	51.50 2.23 -0.33	56.19 2.23 -0.01	48.24 1.76 0.00
ASTORIA_GT_1 23523	53.43 2.16 0.01	47.46 1.75 0.01	41.53 1.48 0.01	43.89 1.63 0.00	54.06 1.83 0.01	63.14 2.13 0.01	231.17 7.71 -1.80	113.24 5.06 0.01	56.25 2.89 -1.14	24.63 1.42 0.01	30.33 1.54 -4.77	19.21 1.37 -1.05	27.22 1.92 -0.41	30.81 2.11 0.01	31.93 2.00 0.01	27.88 1.76 0.01	36.97 2.13 0.01	42.37 2.35 0.00	45.22 2.63 0.00	64.63 3.60 0.00	53.36 2.82 -0.12	51.57 2.30 -0.33	56.27 2.31 -0.01	48.32 1.83 0.00
ASTORIA_GT_10 24110	53.71 2.43 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.85 9.18 0.00	113.91 5.61 -0.11	110.41 3.03 -55.16	109.38 1.43 -84.74	107.54 1.53 -81.99	107.53 1.37 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.40 2.92 -2.89	64.92 3.89 0.00	53.47 3.04 0.00	51.49 2.56 0.00	57.04 2.68 -0.41	49.69 2.15 -1.05
ASTORIA_GT_11 24225	53.71 2.43 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.85 9.18 0.00	113.91 5.61 -0.11	110.41 3.03 -55.16	109.38 1.43 -84.74	107.54 1.53 -81.99	107.53 1.37 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.40 2.92 -2.89	64.92 3.89 0.00	53.47 3.04 0.00	51.49 2.56 0.00	57.04 2.68 -0.41	49.69 2.15 -1.05
ASTORIA_GT_12 24226	53.71 2.43 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.85 9.18 0.00	113.91 5.61 -0.11	110.41 3.03 -55.16	109.38 1.43 -84.74	107.54 1.53 -81.99	107.53 1.37 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.40 2.92 -2.89	64.92 3.89 0.00	53.47 3.04 0.00	51.49 2.56 0.00	57.04 2.68 -0.41	49.69 2.15 -1.05
ASTORIA_GT_13 24227	53.71 2.43 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.85 9.18 0.00	113.91 5.61 -0.11	110.41 3.03 -55.16	109.38 1.43 -84.74	107.54 1.53 -81.99	107.53 1.37 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.40 2.92 -2.89	64.92 3.89 0.00	53.47 3.04 0.00	51.49 2.56 0.00	57.04 2.68 -0.41	49.69 2.15 -1.05
ASTORIA_GT_5 24106	53.44 2.16 0.00	47.46 1.75 0.00	41.55 1.49 0.00	43.89 1.64 0.00	54.07 1.84 0.00	63.15 2.13 0.00	231.18 7.71 -1.81	113.25 5.06 0.00	56.25 2.89 -1.14	24.63 1.41 0.01	30.33 1.54 -4.77	19.21 1.37 -1.05	27.23 1.92 -0.41	30.82 2.11 0.01	31.93 2.00 0.01	27.88 1.75 0.01	36.97 2.13 0.01	42.37 2.36 0.00	45.22 2.63 0.00	64.63 3.60 0.00	53.39 2.84 -0.12	51.58 2.32 -0.33	56.28 2.32 -0.01	48.32 1.83 0.00
ASTORIA_GT_7 24107	53.44 2.16 0.00	47.46 1.75 0.00	41.55 1.49 0.00	43.89 1.64 0.00	54.07 1.84 0.00	63.15 2.13 0.00	231.18 7.71 -1.81	113.25 5.06 0.00	56.25 2.89 -1.14	24.63 1.41 0.01	30.33 1.54 -4.77	19.21 1.37 -1.05	27.23 1.92 -0.41	30.82 2.11 0.01	31.93 2.00 0.01	27.88 1.75 0.01	36.97 2.13 0.01	42.37 2.36 0.00	45.22 2.63 0.00	64.63 3.60 0.00	53.39 2.84 -0.12	51.58 2.32 -0.33	56.28 2.32 -0.01	48.32 1.83 0.00
ASTORIA_GT_8 24108	53.44 2.16 0.00	47.46 1.75 0.00	41.55 1.49 0.00	43.89 1.64 0.00	54.07 1.84 0.00	63.15 2.13 0.00	231.18 7.71 -1.81	113.25 5.06 0.00	56.25 2.89 -1.14	24.63 1.41 0.01	30.33 1.54 -4.77	19.21 1.37 -1.05	27.23 1.92 -0.41	30.82 2.11 0.01	31.93 2.00 0.01	27.88 1.75 0.01	36.97 2.13 0.01	42.37 2.36 0.00	45.22 2.63 0.00	64.63 3.60 0.00	53.39 2.84 -0.12	51.58 2.32 -0.33	56.28 2.32 -0.01	48.32 1.83 0.00
ASTORIA___2 24149	53.35 2.08 0.01	47.40 1.69 0.01	41.48 1.42 0.01	43.83 1.57 0.00	53.98 1.75 0.01	63.04 2.03 0.01	230.87 7.41 -1.80	113.09 4.91 0.01	56.15 2.79 -1.14	24.58 1.37 0.01	30.29 1.49 -4.77	19.18 1.34 -1.05	27.18 1.87 -0.41	30.76 2.06 0.01	31.89 1.95 0.01	27.83 1.71 0.01	36.90 2.06 0.01	42.30 2.29 0.00	45.15 2.56 0.00	64.51 3.48 0.00	53.27 2.73 -0.12	51.48 2.22 -0.33	56.18 2.22 -0.01	48.24 1.76 0.00
ASTORIA___3 23516	53.71 2.42 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.82 9.16 0.00	113.90 5.60 -0.11	110.42 3.04 -55.16	109.38 1.43 -84.74	107.54 1.53 -81.99	107.53 1.36 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.81 2.20 -34.76	57.60 2.62 -14.97	48.40 2.91 -2.89	64.92 3.90 0.00	53.46 3.03 0.00	51.47 2.55 0.00	57.04 2.68 -0.41	49.69 2.16 -1.05
ASTORIA___4 23517	53.71 2.43 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.85 9.18 0.00	113.91 5.61 -0.11	110.41 3.03 -55.16	109.38 1.43 -84.74	107.54 1.53 -81.99	107.53 1.37 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.40 2.92 -2.89	64.92 3.89 0.00	53.47 3.04 0.00	51.49 2.56 0.00	57.04 2.68 -0.41	49.69 2.15 -1.05
ASTORIA___5 23518	53.71 2.42 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.80 9.14 0.00	113.90 5.60 -0.11	110.42 3.04 -55.16	109.38 1.42 -84.74	107.54 1.53 -81.99	107.53 1.36 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.81 2.20 -34.76	57.60 2.62 -14.97	48.40 2.91 -2.89	64.92 3.90 0.00	53.46 3.03 0.00	51.47 2.55 0.00	57.04 2.68 -0.41	49.69 2.16 -1.05
AST_ENERGY_2_CC3 323677	53.47 2.19 0.00	47.54 1.82 0.00	41.61 1.55 0.00	43.97 1.71 0.00	54.16 1.92 0.00	63.31 2.29 0.00	230.14 8.48 0.00	113.27 5.09 0.00	54.97 2.75 0.00	24.51 1.29 0.00	30.20 1.40 -4.77	19.11 1.26 -1.06	27.05 1.73 -0.42	30.55 1.84 0.00	31.64 1.70 0.00	27.62 1.48 0.00	36.78 1.93 0.00	42.38 2.37 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.34 1.86 0.00
AST_ENERGY_2_CC4 323678	53.47 2.19 0.00	47.54 1.82 0.00	41.61 1.55 0.00	43.97 1.71 0.00	54.16 1.92 0.00	63.31 2.29 0.00	230.14 8.48 0.00	113.27 5.09 0.00	54.97 2.75 0.00	24.51 1.29 0.00	30.20 1.40 -4.77	19.11 1.26 -1.06	27.05 1.73 -0.42	30.55 1.84 0.00	31.64 1.70 0.00	27.62 1.48 0.00	36.78 1.93 0.00	42.38 2.37 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.34 1.86 0.00

ATHENS_STG_1 23668	52.22 0.94 0.00	46.57 0.85 0.00	40.82 0.75 0.00	43.06 0.80 0.00	53.02 0.79 0.00	61.85 0.84 0.00	223.75 2.09 0.00	109.56 1.37 0.00	53.09 0.87 0.00	23.66 0.44 0.00	29.52 0.49 -5.00	18.55 0.65 -1.11	26.35 1.02 -0.44	29.68 0.97 0.00	30.75 0.81 0.00	26.84 0.70 0.00	35.71 0.86 0.00	41.11 1.11 0.00	43.61 1.02 0.00	62.31 1.28 0.00	51.31 0.88 0.00	49.60 0.67 0.00	54.61 0.66 0.00	46.99 0.50 0.00
ATHENS_STG_2 23670	52.22 0.94 0.00	46.57 0.85 0.00	40.82 0.75 0.00	43.06 0.80 0.00	53.02 0.79 0.00	61.85 0.84 0.00	223.75 2.09 0.00	109.56 1.37 0.00	53.09 0.87 0.00	23.66 0.44 0.00	29.52 0.49 -5.00	18.55 0.65 -1.11	26.35 1.02 -0.44	29.68 0.97 0.00	30.75 0.81 0.00	26.84 0.70 0.00	35.71 0.86 0.00	41.11 1.11 0.00	43.61 1.02 0.00	62.31 1.28 0.00	51.31 0.88 0.00	49.60 0.67 0.00	54.61 0.66 0.00	46.99 0.50 0.00
ATHENS_STG_3 23677	52.22 0.94 0.00	46.57 0.85 0.00	40.82 0.75 0.00	43.06 0.80 0.00	53.02 0.79 0.00	61.85 0.84 0.00	223.75 2.09 0.00	109.56 1.37 0.00	53.09 0.87 0.00	23.66 0.44 0.00	29.52 0.49 -5.00	18.55 0.65 -1.11	26.35 1.02 -0.44	29.68 0.97 0.00	30.75 0.81 0.00	26.84 0.70 0.00	35.71 0.86 0.00	41.11 1.11 0.00	43.61 1.02 0.00	62.31 1.28 0.00	51.31 0.88 0.00	49.60 0.67 0.00	54.61 0.66 0.00	46.99 0.50 0.00
AUBURN___LFGE 323710	52.03 0.75 0.00	46.39 0.67 0.00	40.52 0.46 0.00	42.88 0.63 0.00	52.71 0.48 0.00	61.83 0.82 0.00	225.88 4.22 0.00	109.97 1.79 0.00	52.63 0.42 0.00	23.40 0.18 0.00	24.78 0.20 -0.56	17.11 0.19 -0.12	25.25 0.30 -0.05	29.04 0.33 0.00	30.19 0.25 0.00	26.36 0.23 0.00	35.14 0.29 0.00	40.54 0.53 0.00	43.37 0.77 0.00	61.89 0.87 0.00	51.39 0.97 0.00	49.82 0.89 0.00	54.61 0.66 0.00	47.14 0.65 0.00
BABYLON_RES_REC 323704	60.80 2.57 -6.94	53.46 2.40 -5.34	42.49 1.93 -0.49	44.20 1.94 0.00	54.56 2.32 0.00	63.53 2.51 0.00	227.24 7.98 2.40	114.53 5.07 -1.28	59.36 2.98 -4.17	31.55 1.38 -6.95	33.80 1.45 -8.32	19.04 1.20 -1.06	26.94 1.62 -0.42	30.49 1.77 0.00	31.96 1.69 -0.33	28.82 1.60 -1.08	36.92 2.02 -0.05	45.02 2.23 -2.78	50.00 2.72 -4.69	74.17 3.96 -9.18	65.66 3.21 -12.02	62.12 2.76 -10.44	65.02 2.89 -8.17	62.81 2.50 -13.83
BABYLON__69_KV_BK2 356345	61.11 3.03 -6.80	53.80 2.85 -5.23	42.92 2.37 -0.48	44.59 2.32 0.00	55.08 2.84 0.00	64.07 3.05 0.00	228.86 9.66 2.46	115.27 5.83 -1.25	59.71 3.50 -4.01	31.63 1.60 -6.81	33.94 1.68 -8.24	19.17 1.32 -1.06	27.09 1.78 -0.42	30.69 1.97 0.00	32.16 1.90 -0.32	29.03 1.84 -1.06	37.23 2.33 -0.05	45.30 2.56 -2.73	50.44 3.26 -4.59	74.72 4.70 -8.99	66.05 3.86 -11.76	62.47 3.35 -10.20	65.46 3.51 -7.99	63.03 3.01 -13.53
BALL_HILL_WT_PWR 323825	50.79 -0.49 0.00	45.29 -0.43 0.00	39.69 -0.38 0.00	41.74 -0.52 0.00	51.48 -0.76 0.00	60.08 -0.94 0.00	221.09 -0.58 0.00	106.96 -1.23 0.00	50.92 -1.29 0.00	23.14 -0.08 0.00	24.81 0.03 -0.75	17.13 0.17 -0.17	25.17 0.20 -0.06	29.05 0.34 0.00	30.17 0.23 0.00	26.48 0.35 0.00	35.29 0.44 0.00	40.43 0.42 0.00	42.58 -0.02 0.00	59.87 -1.15 0.00	49.93 -0.49 0.00	48.69 -0.24 0.00	53.84 -0.12 0.00	46.49 0.01 0.00
BARON_WINDS___WT_PWR 323822	50.30 -0.98 0.00	45.12 -0.60 0.00	39.75 -0.32 0.00	41.81 -0.46 0.00	51.65 -0.59 0.00	60.32 -0.70 0.00	221.57 -0.10 0.00	107.46 -0.73 0.00	50.89 -1.32 0.00	22.78 -0.44 0.00	24.64 -0.38 -0.99	16.83 -0.18 -0.22	24.77 -0.21 -0.09	28.51 -0.21 0.00	29.58 -0.36 0.00	25.84 -0.28 0.00	34.31 -0.54 0.00	39.79 -0.22 0.00	42.57 -0.03 0.00	60.68 -0.35 0.00	50.53 0.10 0.00	49.22 0.30 0.00	54.30 0.34 0.00	46.84 0.35 0.00
BARRETT_IC_1 23704	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	230.55 5.25 -3.64	113.35 3.94 -1.22	73.82 2.45 -19.16	89.85 1.19 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	83.07 2.12 -40.94	91.50 2.31 -46.60	131.98 3.26 -67.69	174.35 2.60 -121.33	162.98 2.18 -111.88	129.52 2.30 -73.26	84.75 1.95 -36.32
BARRETT_IC_10 23701	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	160.84 5.25 66.07	113.35 3.94 -1.22	23.05 2.45 31.61	89.84 1.19 -65.43	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	55.01 2.12 -12.88	60.63 2.31 -15.72	88.80 3.26 -24.51	89.71 2.60 -36.69	76.74 2.18 -25.64	84.72 2.30 -28.46	84.75 1.95 -36.32
BARRETT_IC_11 23702	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	160.84 5.25 66.07	113.35 3.94 -1.22	23.05 2.45 31.61	89.84 1.19 -65.43	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	55.01 2.12 -12.88	60.63 2.31 -15.72	88.80 3.26 -24.51	89.71 2.60 -36.69	76.74 2.18 -25.64	84.72 2.30 -28.46	84.75 1.95 -36.32
BARRETT_IC_12 23703	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	160.84 5.25 66.07	113.35 3.94 -1.22	23.05 2.45 31.61	89.84 1.19 -65.43	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	55.01 2.12 -12.88	60.63 2.31 -15.72	88.80 3.26 -24.51	89.71 2.60 -36.69	76.74 2.18 -25.64	84.72 2.30 -28.46	84.75 1.95 -36.32
BARRETT_IC_2 23705	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	230.55 5.25 -3.64	113.35 3.94 -1.22	73.82 2.45 -19.16	89.85 1.19 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	83.07 2.12 -40.94	91.50 2.31 -46.60	131.98 3.26 -67.69	174.35 2.60 -121.33	162.98 2.18 -111.88	129.52 2.30 -73.26	84.75 1.95 -36.32
BARRETT_IC_3 23706	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	230.55 5.25 -3.64	113.35 3.94 -1.22	73.82 2.45 -19.16	89.85 1.19 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	83.07 2.12 -40.94	91.50 2.31 -46.60	131.98 3.26 -67.69	174.35 2.60 -121.33	162.98 2.18 -111.88	129.52 2.30 -73.26	84.75 1.95 -36.32
BARRETT_IC_4 23707	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	230.55 5.25 -3.64	113.35 3.94 -1.22	73.82 2.45 -19.16	89.85 1.19 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	83.07 2.12 -40.94	91.50 2.31 -46.60	131.98 3.26 -67.69	174.35 2.60 -121.33	162.98 2.18 -111.88	129.52 2.30 -73.26	84.75 1.95 -36.32

BARRETT_IC_5 23708	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	230.55 5.25 -3.64	113.35 3.94 -1.22	73.82 2.45 -19.16	89.85 1.19 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	83.07 2.12 -40.94	91.50 2.31 -46.60	131.98 3.26 -67.69	174.35 2.60 -121.33	162.98 2.18 -111.88	129.52 2.30 -73.26	84.75 1.95 -36.32
BARRETT_IC_6 23709	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	230.55 5.25 -3.64	113.35 3.94 -1.22	73.82 2.45 -19.16	89.85 1.19 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	83.07 2.12 -40.94	91.50 2.31 -46.60	131.98 3.26 -67.69	174.35 2.60 -121.33	162.98 2.18 -111.88	129.52 2.30 -73.26	84.75 1.95 -36.32
BARRETT_IC_7 23710	98.01 2.16 -44.57	98.01 1.95 -50.34	46.39 1.61 -4.71	43.94 1.61 -0.06	54.19 1.95 0.00	63.03 2.01 0.00	230.88 5.57 -3.64	113.35 3.94 -1.22	73.83 2.46 -19.16	89.85 1.20 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.78 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.75 1.90 -27.01	83.08 2.12 -40.94	91.53 2.35 -46.60	131.98 3.26 -67.69	174.36 2.61 -121.33	163.00 2.19 -111.88	129.54 2.32 -73.26	84.78 1.97 -36.32
BARRETT_IC_8 23711	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	230.55 5.25 -3.64	113.35 3.94 -1.22	73.82 2.45 -19.16	89.85 1.19 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	83.07 2.12 -40.94	91.50 2.31 -46.60	131.98 3.26 -67.69	174.35 2.60 -121.33	162.98 2.18 -111.88	129.52 2.30 -73.26	84.75 1.95 -36.32
BARRETT_IC_9 23700	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	160.84 5.25 66.07	113.35 3.94 -1.22	23.05 2.45 31.61	89.84 1.19 -65.43	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	55.01 2.12 -12.88	60.63 2.31 -15.72	88.80 3.26 -24.51	89.71 2.60 -36.69	76.74 2.18 -25.64	84.72 2.30 -28.46	84.75 1.95 -36.32
BARRETT___1 23545	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	230.55 5.25 -3.64	113.35 3.94 -1.22	73.82 2.45 -19.16	89.85 1.19 -65.44	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	83.07 2.12 -40.94	91.50 2.31 -46.60	131.98 3.26 -67.69	174.35 2.60 -121.33	162.98 2.18 -111.88	129.52 2.30 -73.26	84.75 1.95 -36.32
BARRETT___2 23546	97.95 2.10 -44.57	97.95 1.89 -50.34	46.31 1.53 -4.71	43.92 1.59 -0.06	54.18 1.94 0.00	63.03 2.01 0.00	160.84 5.25 66.07	113.35 3.94 -1.22	23.05 2.45 31.61	89.84 1.19 -65.43	67.39 1.31 -42.05	67.39 1.17 -49.43	67.39 1.63 -40.85	35.03 1.77 -4.54	56.38 1.68 -24.76	67.39 1.52 -39.73	63.76 1.91 -27.01	55.01 2.12 -12.88	60.63 2.31 -15.72	88.80 3.26 -24.51	89.71 2.60 -36.69	76.74 2.18 -25.64	84.72 2.30 -28.46	84.75 1.95 -36.32
BATAVIA__115KV_TB1 55881	50.89 -0.39 0.00	45.36 -0.36 0.00	39.62 -0.45 0.00	41.69 -0.57 0.00	51.55 -0.68 0.00	60.30 -0.72 0.00	222.55 0.88 0.00	107.60 -0.59 0.00	50.96 -1.25 0.00	22.83 -0.39 0.00	24.24 -0.42 -0.64	16.78 -0.16 -0.14	24.77 -0.18 -0.06	28.49 -0.22 0.00	29.59 -0.35 0.00	26.03 -0.10 0.00	34.82 -0.03 0.00	39.85 -0.16 0.00	42.35 -0.24 0.00	59.79 -1.23 0.00	49.89 -0.54 0.00	48.52 -0.41 0.00	53.63 -0.33 0.00	46.30 -0.18 0.00
BAYONEEC___CTG1 323682	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BAYONEEC___CTG10 323750	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BAYONEEC___CTG2 323683	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BAYONEEC___CTG3 323684	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BAYONEEC___CTG4 323685	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BAYONEEC___CTG5 323686	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BAYONEEC___CTG6 323687	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00

BAYONEEC___CTG7 323688	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BAYONEEC___CTG8 323689	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BAYONEEC___CTG9 323749	53.47 2.19 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.93 0.00	63.31 2.30 0.00	230.01 8.35 0.00	113.25 5.07 0.00	54.97 2.75 0.00	24.50 1.28 0.00	30.19 1.39 -4.77	19.10 1.26 -1.06	27.05 1.74 -0.42	30.55 1.84 0.00	31.66 1.72 0.00	27.64 1.51 0.00	36.81 1.97 0.00	42.42 2.41 0.00	45.35 2.76 0.00	64.68 3.66 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.30 2.35 0.00	48.35 1.86 0.00
BEACON___LESR 323632	52.64 1.36 0.00	46.97 1.25 0.00	41.13 1.07 0.00	43.41 1.15 0.00	53.45 1.21 0.00	62.16 1.15 0.00	224.82 3.15 0.00	109.66 1.47 0.00	53.06 0.84 0.00	23.58 0.36 0.00	30.14 0.46 -5.65	18.61 0.57 -1.25	26.21 0.82 -0.49	29.34 0.63 0.00	30.42 0.48 0.00	26.55 0.42 0.00	35.43 0.59 0.00	41.16 1.16 0.00	43.83 1.24 0.00	62.44 1.41 0.00	51.52 1.09 0.00	49.68 0.76 0.00	54.56 0.60 0.00	47.11 0.62 0.00
BEAVER RIVER___HYD 24048	50.82 -0.46 0.00	45.40 -0.31 0.00	40.09 0.03 0.00	42.43 0.17 0.00	52.85 0.61 0.00	62.15 1.13 0.00	227.55 5.89 0.00	110.63 2.44 0.00	52.73 0.52 0.00	22.98 -0.24 0.00	23.69 -0.53 -0.19	15.95 -0.88 -0.04	23.29 -1.63 -0.02	26.65 -2.06 0.00	27.45 -2.50 0.00	16.24 -2.25 7.63	14.96 -2.89 16.99	31.62 -2.34 6.04	41.92 -0.67 0.00	61.46 0.44 0.00	51.06 0.63 0.00	49.52 0.59 0.00	54.67 0.71 0.00	47.07 0.58 0.00
BEEBEE_GT_13 23619	50.93 -0.35 0.00	45.36 -0.35 0.00	39.66 -0.41 0.00	41.76 -0.50 0.00	51.57 -0.67 0.00	60.28 -0.73 0.00	221.41 -0.26 0.00	107.42 -0.77 0.00	51.30 -0.91 0.00	22.98 -0.24 0.00	24.37 -0.19 -0.53	16.91 0.00 -0.12	24.98 0.03 -0.05	28.76 0.05 0.00	29.89 -0.05 0.00	26.18 0.05 0.00	34.91 0.07 0.00	39.95 -0.06 0.00	42.38 -0.21 0.00	60.09 -0.94 0.00	49.91 -0.51 0.00	48.43 -0.50 0.00	53.42 -0.54 0.00	46.09 -0.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	61.19 3.01 -6.90	59.82 2.54 -11.57	59.72 2.16 -17.49	59.52 2.34 -14.92	61.52 2.72 -6.57	66.00 3.22 -1.77	233.50 11.83 0.00	122.54 6.91 -7.44	110.85 3.47 -55.16	109.55 1.59 -84.74	107.72 1.70 -81.99	107.65 1.48 -89.37	107.85 2.11 -80.85	102.24 2.27 -71.26	82.08 2.12 -50.02	83.69 1.85 -55.71	72.06 2.45 -34.76	57.96 2.98 -14.97	72.88 3.28 -27.01	75.74 4.45 -10.27	75.90 3.54 -21.93	90.74 3.06 -38.75	75.22 3.31 -17.95	59.25 2.69 -10.07
BETHLEHEM___GRP 23843	51.67 0.39 0.00	46.23 0.51 0.00	40.50 0.44 0.00	42.72 0.46 0.00	52.46 0.22 0.00	60.99 -0.02 0.00	219.94 -1.72 0.00	107.36 -0.82 0.00	52.05 -0.16 0.00	23.22 0.00 0.00	29.78 0.09 -5.66	18.37 0.33 -1.25	25.87 0.48 -0.49	29.01 0.30 0.00	30.06 0.11 0.00	26.24 0.11 0.00	34.93 0.08 0.00	40.37 0.36 0.00	42.81 0.22 0.00	61.18 0.16 0.00	50.46 0.03 0.00	48.76 -0.16 0.00	53.70 -0.26 0.00	46.32 -0.16 0.00
BETHLEHEM___GS1 323560	51.67 0.39 0.00	46.23 0.51 0.00	40.50 0.44 0.00	42.72 0.46 0.00	52.46 0.22 0.00	60.99 -0.02 0.00	219.94 -1.72 0.00	107.37 -0.82 0.00	52.05 -0.16 0.00	23.22 0.00 0.00	29.78 0.09 -5.66	18.37 0.33 -1.25	25.87 0.48 -0.49	29.01 0.30 0.00	30.06 0.11 0.00	26.24 0.11 0.00	34.94 0.09 0.00	40.37 0.36 0.00	42.81 0.22 0.00	61.19 0.16 0.00	50.46 0.03 0.00	48.76 -0.16 0.00	53.71 -0.25 0.00	46.33 -0.16 0.00
BETHLEHEM___GS2 323561	51.67 0.39 0.00	46.23 0.51 0.00	40.50 0.44 0.00	42.72 0.46 0.00	52.46 0.22 0.00	60.99 -0.02 0.00	219.94 -1.72 0.00	107.37 -0.82 0.00	52.05 -0.16 0.00	23.22 0.00 0.00	29.78 0.09 -5.66	18.37 0.33 -1.25	25.87 0.48 -0.49	29.01 0.30 0.00	30.06 0.11 0.00	26.24 0.11 0.00	34.94 0.09 0.00	40.37 0.36 0.00	42.81 0.22 0.00	61.19 0.16 0.00	50.46 0.03 0.00	48.76 -0.16 0.00	53.71 -0.25 0.00	46.33 -0.16 0.00
BETHLEHEM___GS3 323562	51.67 0.39 0.00	46.23 0.51 0.00	40.50 0.44 0.00	42.72 0.46 0.00	52.46 0.22 0.00	60.99 -0.02 0.00	219.94 -1.72 0.00	107.37 -0.82 0.00	52.05 -0.16 0.00	23.22 0.00 0.00	29.78 0.09 -5.66	18.37 0.33 -1.25	25.87 0.48 -0.49	29.01 0.30 0.00	30.06 0.11 0.00	26.24 0.11 0.00	34.94 0.09 0.00	40.37 0.36 0.00	42.81 0.22 0.00	61.19 0.16 0.00	50.46 0.03 0.00	48.76 -0.16 0.00	53.71 -0.25 0.00	46.33 -0.16 0.00
BETHLEHEM___STEEL 23779	50.36 -0.92 0.00	44.92 -0.80 0.00	39.28 -0.79 0.00	41.29 -0.97 0.00	50.97 -1.27 0.00	59.48 -1.54 0.00	218.98 -2.69 0.00	105.82 -2.37 0.00	50.48 -1.74 0.00	22.93 -0.29 0.00	24.54 -0.23 -0.74	16.94 -0.02 -0.16	24.97 0.00 -0.06	28.82 0.11 0.00	29.93 -0.01 0.00	26.28 0.15 0.00	34.99 0.14 0.00	40.12 0.11 0.00	42.23 -0.36 0.00	59.29 -1.74 0.00	49.42 -1.00 0.00	48.20 -0.73 0.00	53.36 -0.60 0.00	46.13 -0.35 0.00
BETHLHEM_115KV_TB1 79974	51.77 0.49 0.00	46.29 0.57 0.00	40.56 0.50 0.00	42.79 0.53 0.00	52.56 0.32 0.00	61.17 0.15 0.00	220.67 -0.99 0.00	107.71 -0.47 0.00	52.21 0.00 0.00	23.28 0.06 0.00	29.83 0.14 -5.65	18.41 0.37 -1.25	25.93 0.54 -0.49	29.09 0.38 0.00	30.13 0.19 0.00	26.30 0.17 0.00	35.02 0.18 0.00	40.47 0.47 0.00	42.94 0.35 0.00	61.37 0.34 0.00	50.61 0.18 0.00	48.91 -0.01 0.00	53.86 -0.09 0.00	46.45 -0.04 0.00
BETHPAGE_CC_5 323564	62.85 2.48 -9.09	55.78 2.31 -7.75	42.65 1.87 -0.71	44.15 1.88 0.00	54.41 2.17 0.00	63.37 2.36 0.00	227.14 7.52 2.04	114.38 4.84 -1.36	60.13 2.82 -5.10	34.63 1.33 -10.07	35.58 1.46 -10.09	21.29 1.24 -3.27	28.87 1.70 -2.26	30.78 1.86 -0.20	33.18 1.77 -1.46	30.69 1.64 -2.92	38.21 2.08 -1.28	46.66 2.32 -4.34	51.68 2.59 -6.49	76.61 3.70 -11.88	70.15 2.98 -16.74	65.54 2.53 -14.09	66.87 2.63 -10.28	64.17 2.27 -15.41
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.51 -0.77 0.00	45.06 -0.66 0.00	39.41 -0.65 0.00	41.46 -0.80 0.00	51.17 -1.07 0.00	59.71 -1.31 0.00	219.76 -1.90 0.00	106.25 -1.93 0.00	50.68 -1.53 0.00	23.01 -0.21 0.00	24.64 -0.13 -0.75	17.00 0.05 -0.16	25.06 0.09 -0.06	28.92 0.20 0.00	30.03 0.09 0.00	26.36 0.23 0.00	35.10 0.25 0.00	40.30 0.29 0.00	42.44 -0.15 0.00	59.61 -1.42 0.00	49.71 -0.72 0.00	48.46 -0.47 0.00	53.63 -0.32 0.00	46.36 -0.13 0.00

BINGHAMTON___COGEN 23790	51.79 0.50 0.00	46.18 0.46 0.00	40.56 0.49 0.00	42.71 0.46 0.00	52.65 0.41 0.00	61.48 0.46 0.00	224.00 2.34 0.00	109.29 1.11 0.00	52.33 0.12 0.00	23.44 0.22 0.00	25.73 0.29 -1.42	17.48 0.38 -0.31	25.58 0.55 -0.12	29.34 0.63 0.00	30.43 0.49 0.00	26.58 0.45 0.00	35.39 0.54 0.00	40.74 0.73 0.00	43.29 0.70 0.00	61.83 0.80 0.00	51.21 0.78 0.00	49.65 0.72 0.00	54.70 0.75 0.00	47.07 0.58 0.00
BIXINCNT_115KV_LOAD 355685	51.34 0.06 0.00	45.90 0.18 0.00	40.25 0.18 0.00	42.42 0.16 0.00	52.41 0.18 0.00	61.04 0.02 0.00	224.65 2.99 0.00	108.87 0.69 0.00	51.91 -0.30 0.00	23.50 0.28 0.00	25.24 0.42 -0.80	17.35 0.38 -0.18	25.59 0.62 -0.07	29.49 0.78 0.00	30.63 0.69 0.00	26.78 0.65 0.00	35.58 0.73 0.00	41.04 1.03 0.00	43.34 0.75 0.00	61.14 0.12 0.00	51.01 0.59 0.00	49.71 0.79 0.00	55.02 1.07 0.00	47.53 1.04 0.00
BLACK RIVER___HYD 24047	51.17 -0.11 0.00	45.74 0.02 0.00	40.39 0.33 0.00	42.76 0.50 0.00	53.26 1.02 0.00	62.74 1.72 0.00	230.67 9.01 0.00	111.87 3.68 0.00	52.87 0.65 0.00	22.84 -0.38 0.00	23.54 -0.74 -0.25	15.91 -0.93 -0.06	23.25 -1.67 -0.02	26.63 -2.08 0.00	27.56 -2.39 0.00	18.63 -2.25 5.25	20.08 -3.08 11.69	33.27 -2.58 4.16	42.04 -0.55 0.00	62.06 1.03 0.00	51.62 1.19 0.00	50.04 1.11 0.00	55.15 1.19 0.00	47.42 0.93 0.00
BLACKRVR_115KV_TB2 79977	51.17 -0.11 0.00	45.74 0.02 0.00	40.39 0.33 0.00	42.76 0.50 0.00	53.26 1.02 0.00	62.73 1.72 0.00	230.68 9.01 0.00	111.87 3.68 0.00	52.87 0.65 0.00	22.84 -0.38 0.00	23.54 -0.74 -0.25	15.91 -0.93 -0.06	23.25 -1.67 -0.02	26.63 -2.08 0.00	27.56 -2.39 0.00	18.64 -2.24 5.25	20.08 -3.08 11.69	33.28 -2.57 4.16	42.04 -0.55 0.00	62.06 1.03 0.00	51.62 1.19 0.00	50.04 1.11 0.00	55.15 1.19 0.00	47.42 0.93 0.00
BLISS_WT_PWR 323608	51.26 -0.03 0.00	45.83 0.11 0.00	40.20 0.14 0.00	42.40 0.14 0.00	52.44 0.20 0.00	61.08 0.06 0.00	224.85 3.19 0.00	108.99 0.81 0.00	51.97 -0.24 0.00	23.51 0.29 0.00	25.25 0.43 -0.80	17.34 0.37 -0.18	25.59 0.62 -0.07	29.50 0.79 0.00	30.64 0.70 0.00	26.79 0.66 0.00	35.58 0.73 0.00	41.01 1.01 0.00	43.35 0.76 0.00	61.21 0.19 0.00	51.08 0.65 0.00	49.77 0.84 0.00	55.05 1.10 0.00	47.56 1.07 0.00
BLUESTONE___WT_PWR 323821	50.42 -0.87 0.00	45.45 -0.27 0.00	40.06 -0.01 0.00	42.52 0.26 0.00	52.65 0.41 0.00	62.88 1.86 0.00	230.77 9.11 0.00	113.70 5.51 0.00	55.38 3.17 0.00	24.41 1.19 0.00	26.51 0.95 -1.53	18.06 0.93 -0.34	26.30 1.27 -0.13	30.13 1.41 0.00	31.24 1.30 0.00	27.05 0.92 0.00	36.04 1.19 0.00	41.98 1.98 0.00	45.17 2.58 0.00	65.22 4.20 0.00	53.94 3.51 0.00	51.65 2.72 0.00	56.89 2.94 0.00	48.85 2.36 0.00
BLUE_CIRC_CHEM_DRP 24182	52.24 0.96 0.00	46.68 0.96 0.00	40.90 0.84 0.00	43.17 0.91 0.00	53.11 0.87 0.00	61.89 0.88 0.00	223.67 2.00 0.00	108.82 0.63 0.00	52.59 0.38 0.00	23.36 0.14 0.00	29.76 0.15 -5.58	18.40 0.37 -1.23	25.94 0.56 -0.49	29.09 0.38 0.00	30.21 0.27 0.00	26.35 0.22 0.00	35.14 0.30 0.00	40.61 0.61 0.00	43.32 0.73 0.00	62.01 0.99 0.00	51.11 0.68 0.00	49.40 0.47 0.00	54.46 0.50 0.00	46.95 0.47 0.00
BOC_GAS_DRP 24189	51.97 0.69 0.00	46.38 0.65 0.00	40.65 0.58 0.00	42.88 0.62 0.00	52.77 0.53 0.00	61.52 0.51 0.00	222.44 0.77 0.00	108.64 0.45 0.00	52.62 0.40 0.00	23.43 0.21 0.00	29.93 0.27 -5.63	18.49 0.46 -1.24	26.09 0.69 -0.49	29.27 0.56 0.00	30.33 0.39 0.00	26.47 0.33 0.00	35.27 0.42 0.00	40.70 0.70 0.00	43.21 0.62 0.00	61.78 0.76 0.00	50.89 0.47 0.00	49.22 0.29 0.00	54.24 0.28 0.00	46.74 0.25 0.00
BOONVILLE_115KV_TB1 79983	52.04 0.76 0.00	46.46 0.74 0.00	40.86 0.79 0.00	43.16 0.90 0.00	53.50 1.26 0.00	62.77 1.75 0.00	229.23 7.56 0.00	111.65 3.47 0.00	53.47 1.26 0.00	23.57 0.35 0.00	24.42 0.23 -0.16	16.79 -0.04 -0.04	24.72 -0.20 -0.01	28.36 -0.36 0.00	29.41 -0.53 0.00	23.05 -0.43 2.65	28.46 -0.48 5.90	37.77 -0.14 2.10	43.29 0.70 0.00	62.69 1.66 0.00	51.92 1.50 0.00	50.26 1.33 0.00	55.38 1.42 0.00	47.64 1.16 0.00
BORALEX_4TH_BRANCH 23824	52.97 1.69 0.00	47.27 1.55 0.00	41.37 1.31 0.00	43.59 1.32 0.00	53.60 1.36 0.00	62.60 1.58 0.00	225.53 3.86 0.00	109.84 1.65 0.00	53.39 1.17 0.00	23.63 0.41 0.00	30.21 0.52 -5.66	18.66 0.62 -1.25	26.28 0.89 -0.49	29.48 0.77 0.00	30.52 0.57 0.00	26.58 0.45 0.00	35.69 0.84 0.00	41.49 1.48 0.00	43.94 1.34 0.00	62.77 1.74 0.00	51.34 0.92 0.00	49.63 0.71 0.00	54.99 1.04 0.00	47.44 0.96 0.00
BOWLINE___1 23526	52.70 1.42 0.00	46.89 1.17 0.00	41.15 1.08 0.00	43.46 1.20 0.00	53.46 1.22 0.00	62.41 1.39 0.00	226.50 4.83 0.00	111.24 3.06 0.00	53.82 1.61 0.00	23.99 0.77 0.00	29.52 0.84 -4.65	18.75 0.93 -1.03	26.62 1.31 -0.40	30.07 1.35 0.00	31.16 1.22 0.00	27.22 1.08 0.00	36.27 1.42 0.00	41.69 1.68 0.00	44.45 1.86 0.00	63.46 2.44 0.00	52.23 1.80 0.00	50.40 1.47 0.00	55.45 1.49 0.00	47.60 1.12 0.00
BOWLINE___2 23595	52.79 1.50 0.00	46.95 1.23 0.00	41.17 1.10 0.00	43.50 1.24 0.00	53.54 1.30 0.00	62.52 1.50 0.00	226.93 5.26 0.00	111.43 3.24 0.00	53.91 1.69 0.00	24.03 0.81 0.00	29.55 0.88 -4.65	18.77 0.95 -1.03	26.63 1.33 -0.40	30.09 1.38 0.00	31.19 1.24 0.00	27.24 1.11 0.00	36.31 1.46 0.00	41.76 1.75 0.00	44.52 1.93 0.00	63.56 2.54 0.00	52.32 1.89 0.00	50.49 1.56 0.00	55.56 1.61 0.00	47.69 1.20 0.00
BRADY___115KV_TB2 356060	51.73 0.45 0.00	46.09 0.37 0.00	40.37 0.30 0.00	42.60 0.33 0.00	53.16 0.92 0.00	62.14 1.12 0.00	225.41 3.75 0.00	109.83 1.65 0.00	52.92 0.71 0.00	23.31 0.09 0.00	24.11 -0.02 -0.11	15.97 -0.85 -0.02	23.10 -1.81 -0.01	26.15 -2.56 0.00	26.11 -3.83 0.00	-1.40 -3.87 23.66	-22.27 -4.44 52.68	18.67 -2.61 18.73	42.08 -0.51 0.00	60.69 -0.34 0.00	50.59 0.17 0.00	49.55 0.63 0.00	54.81 0.85 0.00	47.35 0.86 0.00
BRANSCOMB___SOLAR 323811	53.18 1.90 0.00	47.47 1.75 0.00	41.56 1.50 0.00	43.83 1.56 0.00	54.01 1.77 0.00	63.10 2.08 0.00	229.24 7.58 0.00	111.55 3.37 0.00	53.76 1.55 0.00	23.66 0.44 0.00	30.26 0.43 -5.80	18.62 0.55 -1.28	26.23 0.82 -0.51	29.40 0.68 0.00	30.42 0.48 0.00	26.56 0.43 0.00	35.61 0.77 0.00	41.50 1.49 0.00	44.38 1.79 0.00	63.54 2.51 0.00	52.28 1.85 0.00	50.49 1.57 0.00	55.67 1.72 0.00	47.96 1.47 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	58.68 2.63 -4.77	51.28 2.58 -2.98	42.46 2.12 -0.27	44.32 2.06 0.00	54.80 2.56 0.00	63.59 2.58 0.00	225.38 6.51 2.80	113.67 4.33 -1.16	58.27 3.11 -2.95	28.58 1.49 -3.88	32.19 1.57 -6.59	17.11 1.24 0.92	25.25 1.59 1.24	30.30 1.78 0.18	30.93 1.69 0.70	27.23 1.70 0.60	35.89 2.11 1.06	43.27 2.26 -1.00	48.12 2.95 -2.57	71.27 4.27 -5.97	60.44 3.52 -6.50	57.36 3.03 -5.41	62.04 3.21 -4.88	61.10 2.83 -11.77

BRISTLHL_115KV_TB1 79998	50.64 -0.65 0.00	45.11 -0.61 0.00	39.54 -0.53 0.00	41.68 -0.58 0.00	51.49 -0.75 0.00	60.20 -0.81 0.00	219.54 -2.12 0.00	107.02 -1.17 0.00	51.42 -0.79 0.00	22.89 -0.33 0.00	24.04 -0.34 -0.35	16.69 -0.18 -0.08	24.66 -0.28 -0.03	28.35 -0.37 0.00	29.47 -0.48 0.00	25.08 -0.42 0.62	32.90 -0.55 1.39	39.00 -0.52 0.49	42.21 -0.39 0.00	60.43 -0.59 0.00	49.98 -0.45 0.00	48.40 -0.53 0.00	53.32 -0.64 0.00	45.89 -0.60 0.00
BROOKHAVEN___DRP 24191	57.84 2.38 -4.18	50.26 2.22 -2.32	42.08 1.81 -0.21	43.87 1.61 0.00	54.42 2.18 0.00	63.31 2.29 0.00	225.60 6.90 2.97	113.90 4.59 -1.13	57.77 2.94 -2.62	27.55 1.32 -3.01	31.56 1.43 -6.10	16.35 1.07 1.51	24.56 1.39 1.73	30.10 1.63 0.24	30.47 1.54 1.01	26.61 1.58 1.10	35.30 1.85 1.39	42.13 1.59 -0.53	47.45 2.84 -2.02	70.14 3.97 -5.14	58.76 3.28 -5.05	56.03 2.80 -4.30	61.15 2.94 -4.26	60.47 2.62 -11.36
BROOKLYN_NAVY_YARD 23515	47.62 2.03 5.69	30.36 1.67 17.02	-15.23 1.41 56.70	43.82 1.57 0.01	53.98 1.75 0.02	63.10 2.10 0.02	230.78 7.67 -1.44	112.90 4.71 0.00	55.72 2.58 -0.93	24.43 1.21 0.00	30.13 1.33 -4.77	19.07 1.23 -1.06	27.00 1.69 -0.42	30.53 1.81 0.00	31.62 1.68 0.00	27.60 1.47 0.00	36.76 1.91 0.00	42.34 2.33 0.00	45.27 2.67 0.00	64.57 3.55 0.00	53.33 2.75 -0.15	51.59 2.24 -0.42	56.21 2.26 0.00	48.24 1.75 0.00
BROOKLYN___ARMY_DRP 323595	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
BROOKVLE_69_KV_TB1 55790	68.83 2.66 -14.89	61.50 2.40 -13.38	43.31 2.00 -1.24	44.34 2.07 -0.01	54.65 2.41 0.00	63.73 2.71 0.00	231.14 9.66 0.19	115.75 5.68 -1.88	64.49 3.08 -9.19	42.06 1.44 -17.40	39.69 1.54 -14.12	25.08 1.34 -6.95	32.13 1.89 -5.34	31.32 2.05 -0.55	35.37 1.97 -3.46	34.21 1.76 -6.31	40.49 2.28 -3.36	50.76 2.64 -8.12	56.84 2.93 -11.32	84.72 3.98 -19.71	82.93 3.12 -29.39	78.00 2.70 -26.37	75.66 2.87 -18.83	72.16 2.38 -23.29
BROOME_2_LFGE 323671	51.78 0.50 0.00	46.18 0.46 0.00	40.56 0.49 0.00	42.72 0.46 0.00	52.65 0.41 0.00	61.48 0.46 0.00	224.01 2.34 0.00	109.30 1.11 0.00	52.33 0.12 0.00	23.44 0.22 0.00	25.73 0.29 -1.42	17.48 0.38 -0.31	25.58 0.55 -0.12	29.34 0.62 0.00	30.43 0.49 0.00	26.57 0.44 0.00	35.37 0.52 0.00	40.74 0.73 0.00	43.29 0.70 0.00	61.83 0.80 0.00	51.21 0.78 0.00	49.65 0.72 0.00	54.70 0.75 0.00	47.07 0.58 0.00
BROOME___LFGE 323600	51.78 0.50 0.00	46.18 0.46 0.00	40.56 0.49 0.00	42.72 0.46 0.00	52.65 0.41 0.00	61.48 0.46 0.00	224.01 2.34 0.00	109.30 1.11 0.00	52.33 0.12 0.00	23.44 0.22 0.00	25.73 0.29 -1.42	17.48 0.38 -0.31	25.58 0.55 -0.12	29.34 0.62 0.00	30.43 0.49 0.00	26.57 0.44 0.00	35.37 0.52 0.00	40.74 0.73 0.00	43.29 0.70 0.00	61.83 0.80 0.00	51.21 0.78 0.00	49.65 0.72 0.00	54.70 0.75 0.00	47.07 0.58 0.00
BROWNFLS_115KV_TB_3_5 80003	50.12 -1.16 0.00	44.72 -1.00 0.00	39.37 -0.69 0.00	41.63 -0.63 0.00	51.92 -0.32 0.00	60.93 -0.09 0.00	222.07 0.41 0.00	108.10 -0.09 0.00	51.84 -0.37 0.00	22.69 -0.52 0.00	23.42 -0.77 -0.16	15.64 -1.18 -0.04	22.75 -2.17 -0.01	25.94 -2.78 0.00	26.39 -3.56 0.00	8.77 -3.37 13.99	-0.47 -4.17 31.15	25.70 -3.24 11.08	41.15 -1.44 0.00	59.88 -1.14 0.00	49.82 -0.60 0.00	48.53 -0.40 0.00	53.62 -0.34 0.00	46.23 -0.25 0.00
BROWNSV1_27_KV_LOAD 356125	54.02 2.73 0.00	48.01 2.29 0.00	42.01 1.95 0.00	44.39 2.12 0.00	54.67 2.43 0.00	63.95 2.93 0.00	232.67 11.00 0.00	114.51 6.33 0.00	55.56 3.35 0.00	24.77 1.55 0.00	30.46 1.66 -4.77	19.29 1.45 -1.06	27.33 2.01 -0.42	30.88 2.17 0.00	32.00 2.05 0.00	27.93 1.80 0.00	37.21 2.36 0.00	42.86 2.85 0.00	45.84 3.25 0.00	65.40 4.37 0.00	53.87 3.45 0.00	51.84 2.92 0.00	56.92 2.96 0.00	48.84 2.35 0.00
BURROWS___LYONSDAL 23803	51.67 0.39 0.00	46.16 0.44 0.00	40.66 0.59 0.00	42.98 0.72 0.00	53.32 1.09 0.00	62.63 1.61 0.00	228.84 7.18 0.00	111.42 3.23 0.00	53.30 1.09 0.00	23.45 0.23 0.00	24.25 0.05 -0.17	16.58 -0.24 -0.04	24.36 -0.55 -0.02	27.93 -0.78 0.00	28.92 -1.02 0.00	21.66 -0.84 3.63	25.74 -1.03 8.08	36.46 -0.68 2.87	42.93 0.34 0.00	62.38 1.35 0.00	51.70 1.27 0.00	50.03 1.10 0.00	55.17 1.22 0.00	47.48 0.99 0.00
CAITHNESS_CC_1 323624	57.73 2.28 -4.16	50.18 2.16 -2.30	41.99 1.71 -0.21	43.85 1.59 0.00	54.35 2.11 0.00	63.21 2.20 0.00	225.13 6.45 2.97	113.72 4.41 -1.13	57.65 2.83 -2.62	27.50 1.29 -2.99	31.52 1.41 -6.09	16.34 1.07 1.53	24.55 1.40 1.74	30.09 1.62 0.24	30.45 1.52 1.02	26.57 1.55 1.11	35.27 1.82 1.40	42.16 1.63 -0.52	47.30 2.70 -2.01	69.96 3.81 -5.12	58.62 3.17 -5.02	55.90 2.70 -4.27	61.04 2.85 -4.25	60.39 2.56 -11.35
CALPINE BETH_PAGE_GT4 24209	64.61 2.40 -10.93	57.69 2.24 -9.73	42.81 1.84 -0.90	44.07 1.81 0.00	54.22 1.97 0.00	63.15 2.13 0.00	227.00 7.00 1.66	114.08 4.45 -1.45	60.87 2.63 -6.03	37.13 1.26 -12.65	36.99 1.42 -11.54	22.99 1.21 -4.99	30.27 1.66 -3.71	30.90 1.81 -0.37	34.02 1.72 -2.36	32.09 1.59 -4.38	39.10 2.01 -2.25	47.96 2.25 -5.70	53.14 2.45 -8.11	78.80 3.46 -14.32	74.15 2.77 -20.95	69.25 2.32 -18.01	69.23 2.37 -12.90	65.75 2.06 -17.21
CALPINE_BETH_PAGE_GT_4 323586	64.58 2.38 -10.93	57.68 2.22 -9.73	42.76 1.79 -0.90	44.06 1.80 0.00	54.21 1.97 0.00	63.15 2.13 0.00	226.79 6.79 1.66	114.06 4.43 -1.45	60.86 2.62 -6.03	37.13 1.25 -12.65	36.99 1.42 -11.54	22.99 1.21 -4.99	30.27 1.66 -3.71	30.89 1.81 -0.37	34.02 1.72 -2.36	32.10 1.59 -4.38	39.12 2.02 -2.25	47.96 2.25 -5.70	53.12 2.42 -8.11	78.80 3.46 -14.32	74.14 2.77 -20.95	69.26 2.33 -18.01	69.24 2.38 -12.90	65.78 2.08 -17.21
CALPINE_BP_GT1 23823	64.58 2.38 -10.93	57.68 2.22 -9.73	42.76 1.79 -0.90	44.06 1.80 0.00	54.21 1.97 0.00	63.15 2.13 0.00	226.79 6.79 1.66	114.06 4.43 -1.45	60.86 2.62 -6.03	37.13 1.25 -12.65	36.99 1.42 -11.54	22.99 1.21 -4.99	30.27 1.66 -3.71	30.89 1.81 -0.37	34.02 1.72 -2.36	32.10 1.59 -4.38	39.12 2.02 -2.25	47.96 2.25 -5.70	53.12 2.42 -8.11	78.80 3.46 -14.32	74.14 2.77 -20.95	69.26 2.33 -18.01	69.24 2.38 -12.90	65.78 2.08 -17.21
CALSPAN___DRP 24200	50.36 -0.92 0.00	44.92 -0.80 0.00	39.28 -0.79 0.00	41.29 -0.97 0.00	50.97 -1.27 0.00	59.48 -1.54 0.00	218.98 -2.69 0.00	105.82 -2.37 0.00	50.48 -1.74 0.00	22.93 -0.29 0.00	24.54 -0.23 -0.74	16.94 -0.02 -0.16	24.97 0.00 -0.06	28.82 0.11 0.00	29.93 -0.01 0.00	26.28 0.15 0.00	34.99 0.14 0.00	40.12 0.11 0.00	42.23 -0.36 0.00	59.29 -1.74 0.00	49.42 -1.00 0.00	48.20 -0.73 0.00	53.36 -0.60 0.00	46.13 -0.35 0.00

CALVERTON___SOLAR 323806	57.86 2.40 -4.18	50.29 2.25 -2.32	42.06 1.79 -0.21	43.86 1.60 0.00	54.47 2.23 0.00	63.37 2.35 0.00	225.77 7.08 2.97	114.08 4.77 -1.13	57.83 2.99 -2.63	27.58 1.34 -3.02	31.58 1.45 -6.10	16.35 1.07 1.51	24.56 1.39 1.73	30.12 1.64 0.24	30.48 1.55 1.01	26.65 1.61 1.10	35.34 1.88 1.39	42.12 1.58 -0.54	47.55 2.94 -2.02	70.27 4.10 -5.15	58.91 3.42 -5.07	56.16 2.93 -4.31	61.31 3.10 -4.26	60.62 2.76 -11.37
CANDIGU_WT_PWR 323617	50.30 -0.98 0.00	45.12 -0.60 0.00	39.75 -0.32 0.00	41.81 -0.46 0.00	51.65 -0.59 0.00	60.32 -0.70 0.00	221.57 -0.10 0.00	107.46 -0.73 0.00	50.89 -1.32 0.00	22.78 -0.44 0.00	24.64 -0.38 -0.99	16.83 -0.18 -0.22	24.77 -0.21 -0.09	28.51 -0.21 0.00	29.58 -0.36 0.00	25.84 -0.28 0.00	34.31 -0.54 0.00	39.79 -0.22 0.00	42.57 -0.03 0.00	60.68 -0.35 0.00	50.53 0.10 0.00	49.22 0.30 0.00	54.30 0.34 0.00	46.84 0.35 0.00
CARR STREET_E_SYR 24060	51.15 -0.13 0.00	45.57 -0.15 0.00	39.95 -0.12 0.00	42.11 -0.15 0.00	51.98 -0.26 0.00	60.77 -0.24 0.00	221.61 -0.05 0.00	108.04 -0.15 0.00	51.90 -0.31 0.00	23.12 -0.10 0.00	24.34 -0.09 -0.40	16.90 0.02 -0.09	24.97 0.03 -0.04	28.73 0.01 0.00	29.88 -0.06 0.00	25.59 -0.04 0.50	33.67 -0.06 1.11	39.64 0.02 0.39	42.65 0.05 0.00	61.01 -0.02 0.00	50.46 0.04 0.00	48.88 -0.04 0.00	53.85 -0.11 0.00	46.34 -0.15 0.00
CARTHAGE___PAPER 23857	51.33 0.04 0.00	45.86 0.14 0.00	40.49 0.43 0.00	42.85 0.59 0.00	53.40 1.16 0.00	62.88 1.86 0.00	230.70 9.03 0.00	111.98 3.79 0.00	53.14 0.93 0.00	23.05 -0.17 0.00	23.72 -0.53 -0.23	15.99 -0.86 -0.05	23.33 -1.59 -0.02	26.74 -1.97 0.00	27.58 -2.36 0.00	17.79 -2.17 6.17	18.25 -2.86 13.74	32.82 -2.30 4.89	42.20 -0.39 0.00	62.13 1.10 0.00	51.66 1.24 0.00	50.10 1.17 0.00	55.26 1.30 0.00	47.54 1.05 0.00
CASSADAGA_WT_PWR 323784	52.22 0.94 0.00	46.60 0.88 0.00	40.83 0.76 0.00	43.00 0.74 0.00	53.11 0.87 0.00	62.11 1.09 0.00	229.07 7.40 0.00	111.04 2.85 0.00	52.66 0.45 0.00	23.92 0.70 0.00	25.64 0.82 -0.79	17.68 0.72 -0.17	25.88 0.91 -0.07	29.78 1.06 0.00	31.02 1.07 0.00	27.19 1.06 0.00	36.30 1.45 0.00	41.70 1.69 0.00	43.99 1.40 0.00	61.97 0.95 0.00	51.75 1.32 0.00	50.42 1.50 0.00	55.67 1.71 0.00	47.90 1.41 0.00
CE_DUNWOOD___DRP 24194	53.30 2.02 0.00	47.43 1.71 0.00	41.54 1.48 0.00	43.87 1.61 0.00	54.03 1.79 0.00	63.12 2.10 0.00	229.30 7.64 0.00	112.62 4.44 0.00	54.54 2.33 0.00	24.30 1.08 0.00	29.94 1.15 -4.77	18.96 1.12 -1.05	26.89 1.58 -0.42	30.37 1.52 0.00	31.47 1.52 0.00	27.48 1.34 0.00	36.62 1.77 0.00	42.18 2.17 0.00	45.03 2.43 0.00	64.26 3.23 0.00	52.91 2.49 0.00	50.98 2.06 0.00	56.05 2.10 0.00	48.13 1.64 0.00
CE_MILLWOOD___DRP 24193	53.10 1.82 0.00	47.24 1.53 0.00	41.39 1.33 0.00	43.73 1.47 0.00	53.84 1.60 0.00	62.89 1.88 0.00	228.39 6.73 0.00	112.14 3.96 0.00	54.28 2.07 0.00	24.18 0.96 0.00	29.79 1.03 -4.73	18.88 1.05 -1.04	26.78 1.47 -0.41	30.25 1.53 0.00	31.34 1.40 0.00	27.37 1.24 0.00	36.48 1.63 0.00	42.01 2.00 0.00	44.82 2.23 0.00	63.98 2.95 0.00	52.66 2.24 0.00	50.78 1.86 0.00	55.84 1.89 0.00	47.94 1.46 0.00
CE_NYC2_DRP 24202	53.72 2.43 0.00	47.75 2.03 0.00	41.79 1.73 0.00	44.16 1.90 0.00	54.41 2.17 0.00	63.57 2.55 0.00	230.93 9.27 0.00	113.97 5.67 -0.11	110.41 3.03 -55.16	109.37 1.42 -84.74	107.54 1.53 -81.99	107.53 1.36 -89.37	107.64 1.90 -80.85	102.02 2.04 -71.26	81.89 1.93 -50.02	83.53 1.69 -55.71	71.80 2.19 -34.76	57.61 2.62 -14.97	48.41 2.93 -2.89	64.93 3.91 0.00	53.48 3.05 0.00	51.50 2.57 0.00	57.06 2.70 -0.41	49.69 2.16 -1.05
CE_NYC_DRP 24195	53.59 2.31 0.00	47.63 1.92 0.00	41.70 1.64 0.00	44.07 1.81 0.00	54.27 2.02 0.00	63.46 2.45 0.00	230.69 9.03 0.00	113.50 5.32 0.00	55.09 2.88 0.00	24.57 1.35 0.00	30.26 1.46 -4.77	19.15 1.31 -1.06	27.13 1.81 -0.42	30.65 1.93 0.00	31.75 1.81 0.00	27.71 1.58 0.00	36.91 2.07 0.00	42.53 2.52 0.00	45.46 2.87 0.00	64.83 3.80 0.00	53.39 2.97 0.00	51.37 2.45 0.00	56.42 2.46 0.00	48.43 1.95 0.00
CHAFFEE___LFGE 323603	52.10 0.81 0.00	46.61 0.89 0.00	40.91 0.84 0.00	43.00 0.74 0.00	52.81 0.57 0.00	61.10 0.09 0.00	224.31 2.64 0.00	108.80 0.62 0.00	51.74 -0.47 0.00	23.58 0.36 0.00	25.46 0.59 -0.85	17.59 0.62 -0.19	25.81 0.83 -0.07	29.72 1.00 0.00	30.85 0.91 0.00	27.00 0.87 0.00	35.99 1.14 0.00	41.60 1.59 0.00	43.60 1.01 0.00	61.54 0.51 0.00	51.19 0.77 0.00	49.83 0.91 0.00	55.20 1.25 0.00	47.66 1.17 0.00
CHATEAUG_35_KV_LOAD 355732	50.23 -1.05 0.00	45.02 -0.69 0.00	39.64 -0.42 0.00	41.99 -0.27 0.00	52.62 0.38 0.00	61.49 0.47 0.00	224.38 2.72 0.00	109.65 1.47 0.00	52.94 0.73 0.00	23.42 0.20 0.00	24.14 0.02 -0.10	16.04 -0.77 -0.02	23.24 -1.67 -0.01	26.17 -2.55 0.00	25.62 -4.32 0.00	-3.35 -4.21 25.26	-25.73 -4.33 56.25	17.15 -2.86 20.00	41.77 -0.82 0.00	60.42 -0.60 0.00	50.66 0.24 0.00	49.42 0.50 0.00	54.58 0.62 0.00	46.98 0.49 0.00
CHATEAUG_WT_PWR 323614	50.32 -0.96 0.00	45.09 -0.63 0.00	39.70 -0.37 0.00	42.03 -0.23 0.00	52.64 0.40 0.00	61.52 0.50 0.00	224.40 2.74 0.00	109.64 1.46 0.00	52.92 0.71 0.00	23.42 0.20 0.00	24.16 0.04 -0.09	16.06 -0.76 -0.02	23.27 -1.64 -0.01	26.23 -2.48 0.00	25.72 -4.22 0.00	-3.85 -4.17 25.81	-26.90 -4.27 57.47	16.78 -2.80 20.44	41.85 -0.74 0.00	60.49 -0.54 0.00	50.67 0.25 0.00	49.46 0.54 0.00	54.62 0.67 0.00	47.02 0.53 0.00
CHAT_HIGH_FALL_HYD 323578	50.23 -1.05 0.00	45.02 -0.69 0.00	39.64 -0.42 0.00	41.99 -0.27 0.00	52.62 0.38 0.00	61.49 0.47 0.00	224.38 2.72 0.00	109.65 1.47 0.00	52.94 0.73 0.00	23.42 0.20 0.00	24.14 0.02 -0.10	16.04 -0.77 -0.02	23.24 -1.67 -0.01	26.17 -2.55 0.00	25.62 -4.32 0.00	-3.35 -4.21 25.26	-25.73 -4.33 56.25	17.15 -2.86 20.00	41.77 -0.82 0.00	60.42 -0.60 0.00	50.66 0.24 0.00	49.42 0.50 0.00	54.58 0.62 0.00	46.98 0.49 0.00
CHAUTAUQUA___LFGE 323629	51.49 0.20 0.00	45.89 0.18 0.00	40.25 0.19 0.00	42.35 0.08 0.00	52.25 0.01 0.00	61.02 0.00 0.00	224.64 2.98 0.00	108.81 0.62 0.00	51.67 -0.54 0.00	23.48 0.26 0.00	25.18 0.39 -0.77	17.39 0.43 -0.17	25.49 0.52 -0.07	29.39 0.67 0.00	30.54 0.60 0.00	26.79 0.66 0.00	35.73 0.88 0.00	40.95 0.94 0.00	43.17 0.58 0.00	60.79 -0.24 0.00	50.76 0.33 0.00	49.49 0.56 0.00	54.67 0.71 0.00	47.13 0.65 0.00
CHERRYST_13_KV_LD 356241	53.75 2.47 0.00	47.78 2.06 0.00	41.83 1.76 0.00	44.19 1.94 0.00	54.44 2.21 0.00	63.66 2.65 0.00	231.49 9.83 0.00	113.92 5.74 0.00	55.30 3.09 0.00	24.66 1.44 0.00	30.36 1.55 -4.77	19.22 1.37 -1.06	27.23 1.91 -0.42	30.76 2.05 0.00	31.87 1.93 0.00	27.83 1.69 0.00	37.06 2.21 0.00	42.69 2.68 0.00	45.63 3.04 0.00	65.06 4.03 0.00	53.57 3.15 0.00	51.54 2.62 0.00	56.59 2.64 0.00	48.58 2.10 0.00

CHESTROR_138KV_BK263 355645	52.68 1.40 0.00	46.86 1.14 0.00	41.10 1.04 0.00	43.40 1.15 0.00	53.46 1.22 0.00	62.42 1.41 0.00	226.63 4.97 0.00	111.15 2.96 0.00	53.74 1.53 0.00	23.92 0.70 0.00	29.29 0.74 -4.52	18.66 0.87 -1.00	26.52 1.22 -0.39	29.95 1.24 0.00	31.04 1.10 0.00	27.11 0.98 0.00	36.13 1.28 0.00	41.61 1.61 0.00	44.36 1.77 0.00	63.36 2.34 0.00	52.14 1.72 0.00	50.35 1.42 0.00	55.42 1.46 0.00	47.57 1.09 0.00
CH_MIDHUDSON___DRP 24192	53.27 1.99 0.00	47.41 1.69 0.00	41.53 1.47 0.00	43.85 1.59 0.00	53.99 1.75 0.00	63.09 2.07 0.00	229.19 7.52 0.00	112.41 4.22 0.00	54.35 2.14 0.00	24.18 0.96 0.00	29.82 0.99 -4.80	18.87 1.01 -1.06	26.77 1.45 -0.42	30.21 1.49 0.00	31.28 1.34 0.00	27.31 1.18 0.00	36.42 1.57 0.00	42.05 2.04 0.00	44.85 2.26 0.00	64.04 3.02 0.00	52.69 2.26 0.00	50.83 1.90 0.00	55.88 1.93 0.00	47.98 1.50 0.00
CH_MISC_IPPS 23765	53.50 2.21 0.00	47.61 1.89 0.00	41.73 1.66 0.00	44.04 1.79 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.51 8.84 0.00	113.05 4.87 0.00	54.64 2.43 0.00	24.29 1.07 0.00	29.88 1.11 -4.75	18.93 1.09 -1.05	26.87 1.56 -0.41	30.33 1.61 0.00	31.42 1.48 0.00	27.44 1.31 0.00	36.62 1.77 0.00	42.26 2.25 0.00	45.10 2.51 0.00	64.42 3.39 0.00	53.03 2.60 0.00	51.15 2.22 0.00	56.22 2.26 0.00	48.25 1.76 0.00
CH_RES_BVR_FALLS 23983	50.72 -0.56 0.00	45.30 -0.43 0.00	39.77 -0.29 0.00	41.98 -0.29 0.00	52.16 -0.08 0.00	60.89 -0.13 0.00	221.17 -0.50 0.00	107.91 -0.27 0.00	52.17 -0.04 0.00	23.14 -0.09 0.00	23.84 -0.19 0.00	16.11 -0.68 0.00	23.54 -1.36 0.00	26.78 -1.94 0.00	27.07 -2.87 0.00	-7.12 -2.89 30.36	-36.15 -3.39 67.60	13.69 -2.28 24.04	41.82 -0.76 0.00	60.25 -0.78 0.00	49.93 -0.49 0.00	48.56 -0.36 0.00	53.71 -0.24 0.00	46.40 -0.08 0.00
CH_RES_NIAGARA 23895	48.38 -2.91 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.97 -4.05 0.00	209.51 -12.15 0.00	100.97 -7.22 0.00	48.18 -4.04 0.00	21.91 -1.31 0.00	23.44 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.66 -1.05 0.00	28.79 -1.16 0.00	25.30 -0.83 0.00	33.64 -1.21 0.00	38.27 -1.73 0.00	40.20 -2.39 0.00	56.29 -4.74 0.00	46.88 -3.54 0.00	45.75 -3.17 0.00	50.80 -3.15 0.00	44.07 -2.41 0.00
CH_RES_SYRACUSE 23985	51.46 0.18 0.00	45.85 0.13 0.00	40.18 0.11 0.00	42.37 0.11 0.00	52.26 0.02 0.00	61.13 0.11 0.00	222.92 1.26 0.00	108.63 0.44 0.00	52.14 -0.07 0.00	23.21 -0.01 0.00	24.47 0.00 -0.45	16.97 0.08 -0.10	25.06 0.12 -0.04	28.81 0.10 0.00	29.97 0.03 0.00	25.72 0.03 0.45	33.90 0.04 0.99	39.83 0.18 0.35	42.87 0.27 0.00	61.33 0.30 0.00	50.76 0.34 0.00	49.18 0.25 0.00	54.11 0.16 0.00	46.59 0.10 0.00
CLINTON_WT_PWR 323605	50.32 -0.96 0.00	45.09 -0.63 0.00	39.70 -0.37 0.00	42.03 -0.23 0.00	52.64 0.40 0.00	61.52 0.50 0.00	224.40 2.74 0.00	109.64 1.46 0.00	52.92 0.71 0.00	23.42 0.20 0.00	24.16 0.04 -0.09	16.06 -0.76 -0.02	23.27 -1.64 -0.01	26.23 -2.48 0.00	25.72 -4.22 0.00	-3.85 -4.17 25.81	-26.90 -4.27 57.47	16.78 -2.80 20.44	41.85 -0.74 0.00	60.49 -0.54 0.00	50.67 0.25 0.00	49.46 0.54 0.00	54.62 0.67 0.00	47.02 0.53 0.00
CLINTON___LFGE 323618	51.40 0.12 0.00	45.98 0.26 0.00	40.42 0.36 0.00	42.79 0.53 0.00	53.71 1.47 0.00	62.87 1.86 0.00	230.12 8.45 0.00	112.36 4.17 0.00	54.03 1.82 0.00	23.85 0.63 0.00	24.56 0.44 -0.09	16.35 -0.47 -0.02	23.65 -1.26 -0.01	26.68 -2.04 0.00	26.10 -3.84 0.00	-3.52 -3.84 25.81	-26.37 -3.75 57.47	17.42 -2.15 20.44	42.64 0.05 0.00	61.65 0.62 0.00	51.84 1.41 0.00	50.59 1.67 0.00	55.79 1.84 0.00	48.00 1.52 0.00
COBBLENY_34_KV_TB1 80064	52.09 0.81 0.00	46.61 0.89 0.00	40.91 0.84 0.00	43.00 0.74 0.00	52.80 0.56 0.00	61.10 0.08 0.00	224.27 2.61 0.00	108.79 0.61 0.00	51.75 -0.47 0.00	23.59 0.37 0.00	25.46 0.59 -0.85	17.59 0.61 -0.19	25.80 0.83 -0.07	29.71 1.00 0.00	30.85 0.91 0.00	26.99 0.86 0.00	35.97 1.12 0.00	41.59 1.58 0.00	43.60 1.01 0.00	61.53 0.50 0.00	51.19 0.77 0.00	49.82 0.90 0.00	55.23 1.27 0.00	47.66 1.17 0.00
COFFEEN___115KV_TB3 355620	51.47 0.19 0.00	45.98 0.26 0.00	40.60 0.53 0.00	42.97 0.71 0.00	53.51 1.26 0.00	63.04 2.03 0.00	233.64 11.98 0.00	113.42 5.23 0.00	53.25 1.04 0.00	22.79 -0.43 0.00	23.43 -0.84 -0.25	15.83 -1.01 -0.06	23.13 -1.80 -0.02	26.64 -2.08 0.00	27.57 -2.37 0.00	18.83 -2.22 5.08	20.48 -3.04 11.32	33.46 -2.52 4.03	42.24 -0.35 0.00	62.44 1.41 0.00	51.99 1.57 0.00	50.37 1.45 0.00	55.47 1.52 0.00	47.65 1.17 0.00
COLDSPRG_115KV_BK1 355956	53.01 1.73 0.00	47.34 1.62 0.00	41.49 1.43 0.00	43.65 1.39 0.00	53.78 1.54 0.00	62.68 1.66 0.00	231.06 9.40 0.00	112.11 3.92 0.00	53.22 1.01 0.00	24.20 0.98 0.00	26.00 1.15 -0.82	17.94 0.97 -0.18	26.28 1.31 -0.07	30.27 1.55 0.00	31.46 1.51 0.00	27.55 1.41 0.00	36.75 1.91 0.00	42.31 2.30 0.00	44.54 1.95 0.00	62.77 1.75 0.00	52.40 1.97 0.00	51.01 2.09 0.00	56.40 2.45 0.00	48.56 2.08 0.00
COLONIE_LFGE___ 323577	52.49 1.21 0.00	46.83 1.11 0.00	41.02 0.95 0.00	43.26 1.00 0.00	53.25 1.01 0.00	62.16 1.14 0.00	224.86 3.20 0.00	109.62 1.44 0.00	53.09 0.88 0.00	23.52 0.30 0.00	30.11 0.35 -5.74	18.54 0.48 -1.27	26.12 0.72 -0.50	29.29 0.57 0.00	30.33 0.38 0.00	26.45 0.32 0.00	35.40 0.55 0.00	41.08 1.07 0.00	43.71 1.11 0.00	62.48 1.45 0.00	51.34 0.92 0.00	49.62 0.69 0.00	54.75 0.80 0.00	47.17 0.68 0.00
COOPERNY_115KV_TB1 80082	52.30 1.02 0.00	46.57 0.85 0.00	40.85 0.79 0.00	43.13 0.87 0.00	53.14 0.89 0.00	62.05 1.04 0.00	225.20 3.53 0.00	110.33 2.14 0.00	53.42 1.21 0.00	23.78 0.56 0.00	28.58 0.57 -3.99	18.45 0.78 -0.88	26.37 1.12 -0.35	29.82 1.11 0.00	30.84 0.90 0.00	26.94 0.80 0.00	35.88 1.04 0.00	41.29 1.28 0.00	43.96 1.37 0.00	62.78 1.76 0.00	51.69 1.27 0.00	50.00 1.07 0.00	55.04 1.08 0.00	47.29 0.81 0.00
COPENHAGEN_WT_PWR 323753	50.78 -0.51 0.00	45.43 -0.29 0.00	40.18 0.11 0.00	42.55 0.29 0.00	53.01 0.77 0.00	62.45 1.43 0.00	229.42 7.75 0.00	111.32 3.14 0.00	52.69 0.48 0.00	22.82 -0.40 0.00	23.55 -0.74 -0.26	15.90 -0.95 -0.06	23.21 -1.72 -0.02	26.57 -2.14 0.00	27.48 -2.46 0.00	19.00 -2.34 4.80	20.89 -3.28 10.68	33.35 -2.86 3.80	41.75 -0.85 0.00	61.62 0.60 0.00	51.20 0.77 0.00	49.68 0.76 0.00	54.81 0.85 0.00	47.17 0.68 0.00
CORNELL_____ 23752	52.48 1.20 0.00	46.78 1.07 0.00	41.04 0.98 0.00	43.28 1.02 0.00	53.43 1.19 0.00	62.56 1.54 0.00	228.73 7.07 0.00	111.50 3.31 0.00	53.31 1.10 0.00	23.59 0.37 0.00	25.35 0.34 -0.99	17.32 0.31 -0.22	25.39 0.41 -0.09	29.15 0.44 0.00	30.25 0.30 0.00	26.39 0.26 0.00	35.19 0.35 0.00	40.73 0.72 0.00	43.81 1.21 0.00	62.91 1.89 0.00	52.18 1.76 0.00	50.54 1.61 0.00	55.57 1.62 0.00	47.81 1.33 0.00

CORONA V_69_KV_TB1 355595	88.06 2.66 -34.12	83.96 2.38 -35.86	45.39 1.98 -3.35	44.31 2.01 -0.04	54.62 2.38 0.00	63.64 2.62 0.00	234.77 8.59 -4.51	115.56 5.30 -2.08	72.46 2.98 -17.26	71.24 1.40 -46.62	56.43 1.51 -30.89	48.23 1.32 -30.11	51.46 1.85 -24.71	33.47 2.03 -2.73	47.09 1.93 -15.22	52.88 1.74 -25.01	53.34 2.22 -16.28	70.17 2.53 -27.63	78.47 2.84 -33.04	115.51 3.99 -50.49	139.61 3.21 -85.98	130.63 2.76 -78.94	109.74 2.91 -52.87	85.49 2.42 -36.58
CORTLAND_115KV_TB3 80093	52.08 0.80 0.00	46.42 0.70 0.00	40.73 0.66 0.00	42.93 0.67 0.00	52.99 0.75 0.00	61.98 0.96 0.00	226.14 4.47 0.00	110.29 2.11 0.00	52.86 0.65 0.00	23.50 0.28 0.00	25.10 0.28 -0.80	17.26 0.29 -0.18	25.37 0.40 -0.07	29.14 0.43 0.00	30.26 0.32 0.00	26.03 0.30 0.40	34.34 0.38 0.89	40.30 0.61 0.32	43.43 0.83 0.00	62.31 1.28 0.00	51.60 1.17 0.00	49.98 1.06 0.00	55.00 1.05 0.00	47.32 0.83 0.00
COXSACKIE__GT 23611	54.07 2.79 0.00	48.28 2.56 0.00	42.28 2.22 0.00	44.58 2.32 0.00	54.90 2.66 0.00	64.08 3.06 0.00	232.95 11.29 0.00	113.30 5.11 0.00	54.39 2.17 0.00	23.89 0.67 0.00	29.99 0.53 -5.43	18.59 0.59 -1.20	26.23 0.85 -0.47	29.36 0.65 0.00	30.51 0.56 0.00	26.66 0.53 0.00	35.49 0.64 0.00	41.47 1.46 0.00	44.45 1.86 0.00	64.22 3.20 0.00	53.10 2.68 0.00	51.25 2.33 0.00	56.30 2.35 0.00	48.45 1.96 0.00
CPV_VALLEY__CC1 323721	52.28 1.00 0.00	46.53 0.81 0.00	40.83 0.76 0.00	43.11 0.84 0.00	53.07 0.83 0.00	61.97 0.95 0.00	224.91 3.25 0.00	110.29 2.11 0.00	53.36 1.14 0.00	23.79 0.57 0.00	28.95 0.60 -4.33	18.54 0.79 -0.96	26.38 1.10 -0.38	29.80 1.09 0.00	30.91 0.97 0.00	27.00 0.87 0.00	35.98 1.14 0.00	41.42 1.41 0.00	44.12 1.53 0.00	62.95 1.92 0.00	51.73 1.31 0.00	49.98 1.05 0.00	55.01 1.05 0.00	47.25 0.76 0.00
CPV_VALLEY__CC2 323722	52.28 1.00 0.00	46.53 0.81 0.00	40.83 0.76 0.00	43.11 0.84 0.00	53.07 0.83 0.00	61.97 0.95 0.00	224.91 3.25 0.00	110.29 2.11 0.00	53.36 1.14 0.00	23.79 0.57 0.00	28.95 0.60 -4.33	18.54 0.79 -0.96	26.38 1.10 -0.38	29.80 1.09 0.00	30.91 0.97 0.00	27.00 0.87 0.00	35.98 1.14 0.00	41.42 1.41 0.00	44.12 1.53 0.00	62.95 1.92 0.00	51.73 1.31 0.00	49.98 1.05 0.00	55.01 1.05 0.00	47.25 0.76 0.00
CRESCENT__HYD 24018	52.49 1.21 0.00	46.83 1.11 0.00	41.02 0.95 0.00	43.26 1.00 0.00	53.25 1.01 0.00	62.16 1.14 0.00	224.86 3.20 0.00	109.62 1.44 0.00	53.09 0.88 0.00	23.52 0.30 0.00	30.11 0.35 -5.74	18.54 0.48 -1.27	26.12 0.72 -0.50	29.29 0.57 0.00	30.33 0.38 0.00	26.45 0.32 0.00	35.40 0.55 0.00	41.08 1.07 0.00	43.71 1.11 0.00	62.48 1.45 0.00	51.34 0.92 0.00	49.62 0.69 0.00	54.75 0.80 0.00	47.17 0.68 0.00
CRICKET__VALLEY_CC1 323756	52.73 1.44 0.00	46.95 1.23 0.00	41.13 1.06 0.00	43.39 1.14 0.00	53.41 1.17 0.00	62.40 1.38 0.00	226.64 4.97 0.00	111.01 2.83 0.00	53.74 1.52 0.00	23.89 0.67 0.00	29.64 0.69 -4.93	18.71 0.83 -1.09	26.51 1.18 -0.43	29.90 1.18 0.00	30.92 0.98 0.00	26.98 0.85 0.00	36.00 1.15 0.00	41.67 1.66 0.00	44.38 1.79 0.00	63.32 2.29 0.00	51.97 1.54 0.00	50.12 1.20 0.00	55.13 1.17 0.00	47.35 0.86 0.00
CRICKET__VALLEY_CC2 323757	52.73 1.44 0.00	46.95 1.23 0.00	41.13 1.06 0.00	43.39 1.14 0.00	53.41 1.17 0.00	62.40 1.38 0.00	226.64 4.97 0.00	111.01 2.83 0.00	53.74 1.52 0.00	23.89 0.67 0.00	29.64 0.69 -4.93	18.71 0.83 -1.09	26.51 1.18 -0.43	29.90 1.18 0.00	30.92 0.98 0.00	26.98 0.85 0.00	36.00 1.15 0.00	41.67 1.66 0.00	44.38 1.79 0.00	63.32 2.29 0.00	51.97 1.54 0.00	50.12 1.20 0.00	55.13 1.17 0.00	47.35 0.86 0.00
CRICKET__VALLEY_CC3 323758	52.73 1.44 0.00	46.95 1.23 0.00	41.13 1.06 0.00	43.39 1.14 0.00	53.41 1.17 0.00	62.40 1.38 0.00	226.64 4.97 0.00	111.01 2.83 0.00	53.74 1.52 0.00	23.89 0.67 0.00	29.64 0.69 -4.93	18.71 0.83 -1.09	26.51 1.18 -0.43	29.90 1.18 0.00	30.92 0.98 0.00	26.98 0.85 0.00	36.00 1.15 0.00	41.67 1.66 0.00	44.38 1.79 0.00	63.32 2.29 0.00	51.97 1.54 0.00	50.12 1.20 0.00	55.13 1.17 0.00	47.35 0.86 0.00
CRUCIBLE_METL_DRP 24180	51.46 0.18 0.00	45.85 0.13 0.00	40.18 0.11 0.00	42.37 0.11 0.00	52.26 0.02 0.00	61.13 0.11 0.00	222.91 1.25 0.00	108.63 0.44 0.00	52.14 -0.07 0.00	23.21 -0.01 0.00	24.47 0.00 -0.45	16.97 0.08 -0.10	25.05 0.11 -0.04	28.81 0.10 0.00	29.97 0.03 0.00	25.72 0.03 0.45	33.90 0.04 0.99	39.83 0.17 0.35	42.87 0.27 0.00	61.33 0.30 0.00	50.76 0.34 0.00	49.18 0.25 0.00	54.11 0.16 0.00	46.59 0.10 0.00
DAHOWA__HYDRO 323763	53.31 2.03 0.00	47.60 1.88 0.00	41.66 1.59 0.00	43.94 1.68 0.00	54.13 1.89 0.00	63.25 2.23 0.00	230.02 8.35 0.00	111.89 3.70 0.00	53.92 1.71 0.00	23.72 0.50 0.00	30.30 0.46 -5.81	18.66 0.58 -1.28	26.26 0.85 -0.51	29.44 0.72 0.00	30.46 0.52 0.00	26.60 0.46 0.00	35.69 0.84 0.00	41.63 1.62 0.00	44.53 1.94 0.00	63.75 2.72 0.00	52.45 2.02 0.00	50.67 1.74 0.00	55.84 1.89 0.00	48.10 1.61 0.00
DANC__LFGE 323619	50.62 -0.66 0.00	45.20 -0.52 0.00	39.84 -0.23 0.00	42.12 -0.14 0.00	52.32 0.08 0.00	61.46 0.44 0.00	225.03 3.37 0.00	109.38 1.20 0.00	52.05 -0.16 0.00	22.76 -0.46 -0.30	23.64 -0.68 -0.07	16.15 -0.71 -0.03	23.70 -1.23 0.00	27.18 -1.53 0.00	28.17 -1.77 0.00	21.26 -1.66 3.20	25.41 -2.30 7.13	35.47 -2.00 2.54	41.86 -0.73 0.00	61.13 0.10 0.00	50.71 0.28 0.00	49.17 0.25 0.00	54.24 0.28 0.00	46.66 0.17 0.00
DANSKAMMER__1 23586	53.50 2.21 0.00	47.61 1.89 0.00	41.73 1.66 0.00	44.04 1.79 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.51 8.84 0.00	113.05 4.87 0.00	54.64 2.43 0.00	24.29 1.07 0.00	29.88 1.11 -4.75	18.93 1.09 -1.05	26.87 1.56 -0.41	30.33 1.61 0.00	31.42 1.48 0.00	27.44 1.31 0.00	36.62 1.77 0.00	42.26 2.25 0.00	45.10 2.51 0.00	64.42 3.39 0.00	53.03 2.60 0.00	51.15 2.22 0.00	56.22 2.26 0.00	48.25 1.76 0.00
DANSKAMMER__2 23589	53.50 2.21 0.00	47.61 1.89 0.00	41.73 1.66 0.00	44.04 1.79 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.51 8.84 0.00	113.05 4.87 0.00	54.64 2.43 0.00	24.29 1.07 0.00	29.88 1.11 -4.75	18.93 1.09 -1.05	26.87 1.56 -0.41	30.33 1.61 0.00	31.42 1.48 0.00	27.44 1.31 0.00	36.62 1.77 0.00	42.26 2.25 0.00	45.10 2.51 0.00	64.42 3.39 0.00	53.03 2.60 0.00	51.15 2.22 0.00	56.22 2.26 0.00	48.25 1.76 0.00
DANSKAMMER__3 23590	53.50 2.21 0.00	47.61 1.89 0.00	41.73 1.66 0.00	44.04 1.79 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.51 8.84 0.00	113.05 4.87 0.00	54.64 2.43 0.00	24.29 1.07 0.00	29.88 1.11 -4.75	18.93 1.09 -1.05	26.87 1.56 -0.41	30.33 1.61 0.00	31.42 1.48 0.00	27.44 1.31 0.00	36.62 1.77 0.00	42.26 2.25 0.00	45.10 2.51 0.00	64.42 3.39 0.00	53.03 2.60 0.00	51.15 2.22 0.00	56.22 2.26 0.00	48.25 1.76 0.00

DANSKAMMER___4 23591	53.50 2.21 0.00	47.61 1.89 0.00	41.73 1.66 0.00	44.04 1.79 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.51 8.84 0.00	113.05 4.87 0.00	54.64 2.43 0.00	24.29 1.07 0.00	29.88 1.11 -4.75	18.93 1.09 -1.05	26.87 1.56 -0.41	30.33 1.61 0.00	31.42 1.48 0.00	27.44 1.31 0.00	36.62 1.77 0.00	42.26 2.25 0.00	45.10 2.51 0.00	64.42 3.39 0.00	53.03 2.60 0.00	51.15 2.22 0.00	56.22 2.26 0.00	48.25 1.76 0.00
DANSKAMMER___DIESEL 23592	53.50 2.22 0.00	47.61 1.89 0.00	41.73 1.66 0.00	44.04 1.78 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.49 8.83 0.00	113.05 4.86 0.00	54.64 2.43 0.00	24.29 1.07 0.00	29.88 1.11 -4.75	18.93 1.09 -1.05	26.87 1.55 -0.41	30.33 1.62 0.00	31.42 1.48 0.00	27.44 1.31 0.00	36.62 1.77 0.00	42.26 2.25 0.00	45.10 2.51 0.00	64.42 3.39 0.00	53.03 2.60 0.00	51.15 2.22 0.00	56.21 2.26 0.00	48.25 1.76 0.00
DARBY___SOLAR 323810	53.27 1.99 0.00	47.55 1.83 0.00	41.62 1.56 0.00	43.90 1.64 0.00	54.09 1.86 0.00	63.19 2.17 0.00	229.67 8.01 0.00	111.76 3.57 0.00	53.87 1.66 0.00	23.70 0.48 0.00	30.28 0.46 -5.80	18.64 0.57 -1.28	26.26 0.85 -0.51	29.43 0.71 0.00	30.46 0.51 0.00	26.59 0.46 0.00	35.68 0.84 0.00	41.59 1.58 0.00	44.48 1.89 0.00	63.66 2.63 0.00	52.38 1.95 0.00	50.59 1.66 0.00	55.77 1.82 0.00	48.04 1.56 0.00
DASHVILLE___HYD 23610	53.06 1.77 0.00	47.22 1.51 0.00	41.38 1.32 0.00	43.69 1.43 0.00	53.82 1.58 0.00	62.88 1.86 0.00	228.29 6.62 0.00	112.03 3.85 0.00	54.18 1.97 0.00	24.10 0.88 0.00	29.79 0.89 -4.87	18.80 0.93 -1.08	26.67 1.34 -0.42	30.10 1.39 0.00	31.19 1.25 0.00	27.22 1.09 0.00	36.28 1.43 0.00	41.84 1.84 0.00	44.59 2.00 0.00	63.73 2.70 0.00	52.46 2.03 0.00	50.63 1.71 0.00	55.67 1.71 0.00	47.80 1.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	57.68 2.20 -4.19	50.12 2.07 -2.34	41.95 1.67 -0.21	43.71 1.45 0.00	54.32 2.08 0.00	63.28 2.26 0.00	224.90 6.21 2.97	114.09 4.77 -1.13	57.73 2.89 -2.63	27.54 1.28 -3.04	31.63 1.49 -6.12	16.47 1.18 1.50	24.79 1.61 1.72	30.40 1.93 0.24	30.79 1.85 1.00	26.87 1.83 1.09	35.57 2.10 1.38	42.22 1.67 -0.55	47.94 3.32 -2.03	70.83 4.64 -5.17	59.47 3.95 -5.09	56.69 3.44 -4.33	61.95 3.72 -4.28	61.31 3.45 -11.37
DELAWARE___LFGE 323621	52.57 1.29 0.00	46.87 1.16 0.00	41.11 1.05 0.00	43.40 1.14 0.00	53.55 1.30 0.00	62.61 1.60 0.00	227.14 5.47 0.00	111.15 2.96 0.00	53.55 1.34 0.00	23.89 0.67 0.00	26.65 0.73 -1.90	17.95 0.74 -0.42	26.26 1.19 -0.17	29.97 1.25 0.00	31.10 1.15 0.00	27.12 0.99 0.00	36.07 1.22 0.00	41.50 1.49 0.00	44.06 1.47 0.00	63.04 2.02 0.00	52.06 1.63 0.00	50.44 1.51 0.00	55.53 1.57 0.00	47.74 1.25 0.00
DERFIELD_115KV_TB7 355931	51.35 0.06 0.00	45.80 0.09 0.00	40.15 0.08 0.00	42.35 0.09 0.00	52.28 0.05 0.00	61.09 0.07 0.00	221.89 0.22 0.00	108.30 0.11 0.00	52.25 0.03 0.00	23.22 0.00 0.00	24.02 -0.01 0.00	16.82 0.03 0.00	24.92 0.02 0.00	28.67 -0.04 0.00	29.80 -0.14 0.00	26.00 -0.13 0.00	34.69 -0.15 0.00	40.03 0.03 0.00	42.77 0.17 0.00	61.30 0.27 0.00	50.60 0.17 0.00	49.02 0.09 0.00	54.01 0.06 0.00	46.52 0.03 0.00
DOGLEVILLE___HYD 23807	50.54 -0.74 0.00	45.18 -0.54 0.00	39.78 -0.28 0.00	42.01 -0.25 0.00	51.61 -0.63 0.00	60.56 -0.46 0.00	219.66 -2.00 0.00	106.73 -1.46 0.00	50.61 -1.60 0.00	22.23 -0.99 0.00	22.88 -1.15 0.00	16.36 -0.43 0.00	24.27 -0.63 0.00	27.62 -1.09 0.00	28.73 -1.21 0.00	25.19 -0.94 0.00	33.54 -1.31 0.00	39.35 -0.66 0.00	42.70 0.10 0.00	61.89 0.86 0.00	51.02 0.59 0.00	49.12 0.19 0.00	53.77 -0.18 0.00	46.08 -0.40 0.00
DUNKIRK___115KV_TB_200 55889	51.38 0.10 0.00	45.81 0.09 0.00	40.18 0.11 0.00	42.27 0.01 0.00	52.13 -0.11 0.00	60.87 -0.15 0.00	224.06 2.40 0.00	108.52 0.33 0.00	51.55 -0.66 0.00	23.43 0.21 0.00	25.13 0.34 -0.76	17.35 0.39 -0.17	25.44 0.47 -0.07	29.35 0.63 0.00	30.50 0.55 0.00	26.75 0.62 0.00	35.66 0.82 0.00	40.87 0.86 0.00	43.07 0.48 0.00	60.63 -0.40 0.00	50.61 0.18 0.00	49.35 0.43 0.00	54.55 0.59 0.00	47.03 0.54 0.00
DUNKIRK___1 23563	51.38 0.10 0.00	45.81 0.09 0.00	40.18 0.11 0.00	42.27 0.01 0.00	52.13 -0.11 0.00	60.87 -0.15 0.00	224.06 2.40 0.00	108.52 0.33 0.00	51.55 -0.66 0.00	23.43 0.21 0.00	25.13 0.34 -0.76	17.35 0.39 -0.17	25.44 0.47 -0.07	29.35 0.63 0.00	30.50 0.55 0.00	26.75 0.62 0.00	35.66 0.82 0.00	40.87 0.86 0.00	43.07 0.48 0.00	60.63 -0.40 0.00	50.61 0.18 0.00	49.35 0.43 0.00	54.55 0.59 0.00	47.03 0.54 0.00
DUNKIRK___2 23564	51.38 0.10 0.00	45.81 0.09 0.00	40.18 0.11 0.00	42.27 0.01 0.00	52.13 -0.11 0.00	60.87 -0.15 0.00	224.06 2.40 0.00	108.52 0.33 0.00	51.55 -0.66 0.00	23.43 0.21 0.00	25.13 0.34 -0.76	17.35 0.39 -0.17	25.44 0.47 -0.07	29.35 0.63 0.00	30.50 0.55 0.00	26.75 0.62 0.00	35.66 0.82 0.00	40.87 0.86 0.00	43.07 0.48 0.00	60.63 -0.40 0.00	50.61 0.18 0.00	49.35 0.43 0.00	54.55 0.59 0.00	47.03 0.54 0.00
DUNKIRK___3 23565	51.04 -0.24 0.00	45.51 -0.21 0.00	39.89 -0.17 0.00	41.96 -0.30 0.00	51.74 -0.50 0.00	60.36 -0.66 0.00	222.09 0.43 0.00	107.54 -0.65 0.00	51.14 -1.07 0.00	23.25 0.03 0.00	24.94 0.15 -0.76	17.22 0.26 -0.17	25.28 0.31 -0.07	29.17 0.46 0.00	30.30 0.36 0.00	26.58 0.45 0.00	35.42 0.57 0.00	40.59 0.58 0.00	42.76 0.17 0.00	60.18 -0.84 0.00	50.19 -0.23 0.00	48.95 0.02 0.00	54.14 0.18 0.00	46.71 0.22 0.00
DUNKIRK___4 23566	51.04 -0.24 0.00	45.51 -0.21 0.00	39.89 -0.17 0.00	41.96 -0.30 0.00	51.74 -0.50 0.00	60.36 -0.66 0.00	222.09 0.43 0.00	107.54 -0.65 0.00	51.14 -1.07 0.00	23.25 0.03 0.00	24.94 0.15 -0.76	17.22 0.26 -0.17	25.28 0.31 -0.07	29.17 0.46 0.00	30.30 0.36 0.00	26.58 0.45 0.00	35.42 0.57 0.00	40.59 0.58 0.00	42.76 0.17 0.00	60.18 -0.84 0.00	50.19 -0.23 0.00	48.95 0.02 0.00	54.14 0.18 0.00	46.71 0.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.48 2.20 0.00	47.57 1.85 0.00	41.65 1.59 0.00	43.98 1.72 0.00	54.17 1.93 0.00	63.29 2.27 0.00	230.00 8.33 0.00	112.97 4.78 0.00	54.71 2.50 0.00	24.38 1.16 0.00	30.04 1.24 -4.77	19.03 1.18 -1.06	26.98 1.66 -0.42	30.47 1.76 0.00	31.58 1.63 0.00	27.57 1.44 0.00	36.74 1.89 0.00	42.32 2.31 0.00	45.17 2.58 0.00	64.49 3.46 0.00	53.08 2.66 0.00	51.15 2.23 0.00	56.22 2.27 0.00	48.28 1.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.07 1.78 0.00	47.21 1.49 0.00	41.39 1.33 0.00	43.70 1.44 0.00	53.82 1.58 0.00	62.88 1.87 0.00	228.42 6.75 0.00	112.05 3.87 0.00	54.16 1.95 0.00	24.10 0.88 0.00	29.58 0.91 -4.65	18.79 0.97 -1.03	26.68 1.37 -0.40	30.13 1.41 0.00	31.22 1.28 0.00	27.26 1.13 0.00	36.35 1.50 0.00	41.92 1.91 0.00	44.71 2.12 0.00	63.87 2.85 0.00	52.56 2.14 0.00	50.74 1.81 0.00	55.79 1.84 0.00	47.89 1.40 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	53.42 2.14 0.00	47.48 1.76 0.00	41.55 1.49 0.00	43.91 1.65 0.00	54.10 1.86 0.00	63.21 2.19 0.00	229.64 7.97 0.00	113.33 5.14 0.00	55.11 2.91 0.01	24.61 1.40 0.01	30.31 1.51 -4.77	19.20 1.36 -1.05	27.20 1.89 -0.41	30.73 2.03 0.01	31.85 1.92 0.01	27.80 1.68 0.01	36.93 2.09 0.01	42.42 2.40 0.00	45.29 2.70 0.00	64.69 3.66 0.00	53.28 2.86 0.00	51.29 2.37 0.00	56.36 2.40 -0.01	48.38 1.89 0.00
E179THST_13_KV_LOAD 356214	53.66 2.38 0.00	47.67 1.95 0.00	41.72 1.66 0.00	44.08 1.82 0.00	54.30 2.07 0.00	63.47 2.45 0.00	230.71 9.04 0.00	113.87 5.68 0.00	55.37 3.17 0.01	24.73 1.52 0.01	30.43 1.64 -4.77	19.28 1.44 -1.05	27.32 2.01 -0.41	30.88 2.17 0.01	32.00 2.06 0.01	27.93 1.81 0.01	37.10 2.26 0.01	42.62 2.61 0.00	45.51 2.92 0.00	65.01 3.98 0.00	53.56 3.13 0.00	51.55 2.62 0.00	56.63 2.67 -0.01	48.59 2.11 0.00
EAST HAMPTON___GT 23717	56.74 1.27 -4.19	49.31 1.25 -2.34	41.20 0.92 -0.21	42.98 0.72 0.00	53.43 1.19 0.00	62.28 1.27 0.00	220.89 2.19 2.97	112.44 3.13 -1.13	56.88 2.04 -2.63	27.20 0.94 -3.04	31.47 1.32 -6.12	16.44 1.14 1.50	24.80 1.62 1.72	30.43 1.96 0.24	30.82 1.88 1.00	26.83 1.78 1.09	35.48 2.01 1.38	41.98 1.43 -0.55	47.73 3.10 -2.03	70.56 4.37 -5.17	59.42 3.90 -5.09	56.60 3.34 -4.33	61.93 3.70 -4.28	61.49 3.63 -11.38
EAST RIVER___6 23660	53.67 2.38 0.00	47.72 2.00 0.00	41.77 1.70 0.00	44.13 1.87 0.00	54.36 2.12 0.00	63.55 2.53 0.00	231.07 9.40 0.00	113.70 5.52 0.00	55.19 2.98 0.00	24.61 1.40 0.00	30.31 1.51 -4.77	19.19 1.34 -1.06	27.18 1.86 -0.42	30.70 1.98 0.00	31.81 1.87 0.00	27.77 1.64 0.00	36.99 2.14 0.00	42.60 2.59 0.00	45.54 2.95 0.00	64.95 3.92 0.00	53.49 3.06 0.00	51.46 2.53 0.00	56.51 2.56 0.00	48.52 2.03 0.00
EAST RIVER___7 23524	53.67 2.38 0.00	47.72 2.00 0.00	41.77 1.70 0.00	44.13 1.87 0.00	54.36 2.12 0.00	63.55 2.53 0.00	231.07 9.40 0.00	113.70 5.52 0.00	55.19 2.98 0.00	24.61 1.40 0.00	30.31 1.51 -4.77	19.19 1.34 -1.06	27.18 1.86 -0.42	30.70 1.98 0.00	31.81 1.87 0.00	27.77 1.64 0.00	36.99 2.14 0.00	42.60 2.59 0.00	45.54 2.95 0.00	64.95 3.92 0.00	53.49 3.06 0.00	51.46 2.53 0.00	56.51 2.56 0.00	48.52 2.03 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.30 2.02 0.00	47.43 1.71 0.00	41.54 1.48 0.00	43.87 1.61 0.00	54.03 1.79 0.00	63.12 2.10 0.00	229.30 7.64 0.00	112.62 4.44 0.00	54.54 2.33 0.00	24.30 1.08 0.00	29.94 1.15 -4.77	18.96 1.12 -1.05	26.89 1.58 -0.42	30.37 1.66 0.00	31.47 1.52 0.00	27.48 1.34 0.00	36.62 1.77 0.00	42.18 2.17 0.00	45.03 2.43 0.00	64.26 3.23 0.00	52.91 2.49 0.00	50.98 2.06 0.00	56.05 2.10 0.00	48.13 1.64 0.00
EAST_HAMPTON___DIESEL 23722	56.58 1.11 -4.19	49.17 1.11 -2.34	41.07 0.79 -0.21	42.84 0.58 0.00	53.26 1.02 0.00	62.09 1.07 0.00	220.18 1.49 2.97	112.12 2.80 -1.13	56.72 1.88 -2.63	27.13 0.87 -3.04	31.43 1.28 -6.12	16.42 1.13 1.50	24.79 1.61 1.72	30.41 1.94 0.24	30.80 1.86 1.00	26.80 1.76 1.09	35.43 1.97 1.38	41.90 1.35 -0.55	47.66 3.04 -2.03	70.46 4.26 -5.17	59.35 3.83 -5.09	56.52 3.27 -4.33	61.87 3.64 -4.28	61.46 3.60 -11.38
EAST_POINT___SOLAR 323840	54.75 3.47 0.00	48.78 3.06 0.00	42.81 2.75 0.00	45.16 2.90 0.00	56.02 3.78 0.00	65.75 4.73 0.00	241.23 19.57 0.00	116.68 8.49 0.00	54.24 2.03 0.00	23.65 0.43 0.00	30.68 0.34 -6.31	18.65 0.47 -1.40	25.80 0.35 -0.55	29.07 0.36 0.00	30.10 0.15 0.00	26.16 0.03 0.00	35.25 0.41 0.00	40.80 0.79 0.00	45.14 2.55 0.00	66.24 5.22 0.00	54.99 4.57 0.00	53.16 4.23 0.00	58.40 4.44 0.00	50.14 3.65 0.00
EAST_PULASKI___ESR 323781	50.63 -0.65 0.00	45.15 -0.57 0.00	39.66 -0.41 0.00	41.85 -0.42 0.00	51.81 -0.44 0.00	60.69 -0.33 0.00	221.60 -0.07 0.00	107.89 -0.30 0.00	51.61 -0.60 0.00	22.79 -0.44 0.00	23.83 -0.53 -0.33	16.45 -0.42 -0.07	24.24 -0.69 -0.03	27.85 -0.87 0.00	28.94 -1.01 0.00	23.55 -0.93 1.65	29.93 -1.25 3.67	37.63 -1.08 1.30	42.09 -0.51 0.00	60.81 -0.22 0.00	50.33 -0.09 0.00	48.79 -0.14 0.00	53.80 -0.16 0.00	46.26 -0.23 0.00
EAST_RIVER___1 323558	53.59 2.31 0.00	47.64 1.92 0.00	41.71 1.64 0.00	44.07 1.81 0.00	54.27 2.02 0.00	63.46 2.44 0.00	230.63 8.97 0.00	113.50 5.31 0.00	55.09 2.88 0.00	24.57 1.35 0.00	30.26 1.46 -4.77	19.15 1.30 -1.06	27.13 1.81 -0.42	30.64 1.93 0.00	31.75 1.81 0.00	27.72 1.59 0.00	36.92 2.07 0.00	42.53 2.52 0.00	45.46 2.87 0.00	64.83 3.81 0.00	53.39 2.97 0.00	51.37 2.45 0.00	56.42 2.47 0.00	48.44 1.95 0.00
EAST_RIVER___2 323559	53.67 2.38 0.00	47.72 2.00 0.00	41.77 1.70 0.00	44.13 1.87 0.00	54.36 2.12 0.00	63.55 2.53 0.00	231.07 9.40 0.00	113.70 5.52 0.00	55.19 2.98 0.00	24.61 1.40 0.00	30.31 1.51 -4.77	19.19 1.34 -1.06	27.18 1.86 -0.42	30.70 1.98 0.00	31.81 1.87 0.00	27.77 1.64 0.00	36.99 2.14 0.00	42.60 2.59 0.00	45.54 2.95 0.00	64.95 3.92 0.00	53.49 3.06 0.00	51.46 2.53 0.00	56.51 2.56 0.00	48.52 2.03 0.00
EAST___DELAWARE_HYD 23607	53.92 2.63 0.00	48.26 2.54 0.00	42.33 2.27 0.00	44.70 2.45 0.00	55.12 2.88 0.00	64.48 3.46 0.00	234.56 12.89 0.00	114.90 6.72 0.00	55.44 3.23 0.00	24.57 1.35 0.00	29.87 1.35 -4.48	19.07 1.28 -0.99	27.11 1.82 -0.39	30.63 1.92 0.00	31.69 1.75 0.00	27.68 1.55 0.00	36.98 2.14 0.00	42.76 2.75 0.00	45.73 3.14 0.00	65.40 4.37 0.00	53.82 3.39 0.00	51.95 3.03 0.00	57.11 3.15 0.00	49.00 2.52 0.00
EIGHT_POINT___WT_PWR 323820	49.94 -1.35 0.00	45.04 -0.68 0.00	39.73 -0.34 0.00	41.81 -0.45 0.00	51.76 -0.48 0.00	60.68 -0.33 0.00	223.54 1.87 0.00	108.39 0.21 0.00	51.30 -0.92 0.00	22.81 -0.41 0.00	24.55 -0.39 -0.92	16.73 -0.26 -0.20	24.73 -0.26 -0.08	28.44 -0.28 0.00	29.50 -0.44 0.00	25.73 -0.40 0.00	34.11 -0.74 0.00	39.64 -0.37 0.00	42.80 0.21 0.00	61.16 0.13 0.00	51.24 0.81 0.00	49.94 1.01 0.00	54.92 0.97 0.00	47.40 0.91 0.00
ELBRIDGE_115KV_TB2 80188	51.23 -0.06 0.00	45.66 -0.06 0.00	39.97 -0.09 0.00	42.20 -0.06 0.00	52.00 -0.24 0.00	60.86 -0.16 0.00	221.87 0.20 0.00	108.14 -0.04 0.00	51.89 -0.33 0.00	23.10 -0.12 0.00	24.40 -0.10 -0.48	16.90 0.01 -0.10	24.96 0.02 -0.04	28.71 -0.01 0.00	29.86 -0.08 0.00	25.68 -0.06 0.40	33.87 -0.09 0.88	39.70 0.01 0.31	42.68 0.09 0.00	61.00 -0.03 0.00	50.52 0.09 0.00	48.96 0.04 0.00	53.83 -0.12 0.00	46.39 -0.09 0.00
ELEC_TRO_TEK 24086	73.73 2.36 -20.09	67.10 2.15 -19.23	43.63 1.77 -1.79	44.07 1.79 -0.01	54.32 2.08 0.00	63.29 2.27 0.00	230.21 7.68 -0.86	115.00 4.79 -2.03	66.47 2.73 -11.53	49.51 1.29 -25.00	43.88 1.40 -18.45	30.57 1.24 -12.54	36.65 1.73 -10.02	31.68 1.89 -1.08	38.06 1.79 -6.33	38.66 1.62 -10.91	43.38 2.05 -6.48	55.57 2.32 -13.24	62.34 2.60 -17.14	92.82 3.63 -28.16	97.85 2.88 -44.54	91.88 2.46 -40.49	84.64 2.57 -28.12	76.32 2.15 -27.69

ELLENBURG_WT_PWR 323604	50.32 -0.96 0.00	45.09 -0.63 0.00	39.70 -0.37 0.00	42.03 -0.23 0.00	52.64 0.40 0.00	61.52 0.50 0.00	224.40 2.74 0.00	109.64 1.46 0.00	52.92 0.71 0.00	23.42 0.20 0.00	24.16 0.04 -0.09	16.06 -0.76 -0.02	23.27 -1.64 -0.01	26.23 -2.48 0.00	25.72 -4.22 0.00	-3.85 -4.17 25.81	-26.90 -4.27 57.47	16.78 -2.80 20.44	41.85 -0.74 0.00	60.49 -0.54 0.00	50.67 0.25 0.00	49.46 0.54 0.00	54.62 0.67 0.00	47.02 0.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.99 -1.30 0.00	44.58 -1.14 0.00	38.97 -1.10 0.00	40.97 -1.29 0.00	50.57 -1.67 0.00	58.99 -2.02 0.00	217.12 -4.55 0.00	105.01 -3.17 0.00	50.57 -1.64 0.00	22.97 -0.25 0.00	24.58 -0.18 -0.73	16.97 0.02 -0.16	25.02 0.05 -0.06	28.87 0.15 0.00	29.71 -0.23 0.00	26.09 -0.04 0.00	34.73 -0.11 0.00	39.73 -0.28 0.00	41.81 -0.78 0.00	58.67 -2.36 0.00	48.90 -1.52 0.00	47.67 -1.25 0.00	52.81 -1.14 0.00	45.69 -0.80 0.00
EMPIRE_CC_1 323656	51.92 0.64 0.00	46.34 0.61 0.00	40.66 0.60 0.00	42.85 0.58 0.00	52.65 0.41 0.00	61.39 0.37 0.00	221.16 -0.50 0.00	107.89 -0.30 0.00	52.50 0.29 0.00	23.39 0.17 0.00	29.75 0.26 -5.47	18.34 0.34 -1.21	25.88 0.50 -0.48	29.03 0.32 0.00	30.06 0.12 0.00	26.21 0.08 0.00	35.05 0.20 0.00	40.71 0.71 0.00	43.20 0.60 0.00	61.61 0.58 0.00	50.62 0.19 0.00	48.93 0.00 0.00	54.00 0.05 0.00	46.61 0.12 0.00
EMPIRE_CC_2 323658	51.92 0.64 0.00	46.34 0.61 0.00	40.66 0.60 0.00	42.85 0.58 0.00	52.65 0.41 0.00	61.39 0.37 0.00	221.16 -0.50 0.00	107.89 -0.30 0.00	52.50 0.29 0.00	23.39 0.17 0.00	29.75 0.26 -5.47	18.34 0.34 -1.21	25.88 0.50 -0.48	29.03 0.32 0.00	30.06 0.12 0.00	26.21 0.08 0.00	35.05 0.20 0.00	40.71 0.71 0.00	43.20 0.60 0.00	61.61 0.58 0.00	50.62 0.19 0.00	48.93 0.00 0.00	54.00 0.05 0.00	46.61 0.12 0.00
ENORWICH_115KV_TB1 80156	53.23 1.95 0.00	47.83 2.11 0.00	42.16 2.10 0.00	44.62 2.36 0.00	55.27 3.03 0.00	65.51 4.49 0.00	241.68 20.01 0.00	118.25 10.07 0.00	56.94 4.73 0.00	24.89 1.66 0.00	26.75 1.37 -1.36	18.25 1.16 -0.30	26.51 1.49 -0.12	30.49 1.77 0.00	31.43 1.49 0.00	27.31 1.18 0.00	36.37 1.52 0.00	42.49 2.49 0.00	46.08 3.49 0.00	66.84 5.81 0.00	55.51 5.08 0.00	53.52 4.60 0.00	58.82 4.87 0.00	50.45 3.97 0.00
ERIE_ST_34_KV_TB1-2 80199	50.72 -0.57 0.00	45.26 -0.46 0.00	39.61 -0.46 0.00	41.65 -0.62 0.00	51.38 -0.86 0.00	59.91 -1.10 0.00	220.42 -1.25 0.00	106.59 -1.59 0.00	50.87 -1.34 0.00	23.10 -0.12 0.00	24.73 -0.05 -0.75	17.07 0.12 -0.17	25.15 0.18 -0.06	29.01 0.29 0.00	30.13 0.19 0.00	26.44 0.31 0.00	35.23 0.39 0.00	40.60 0.59 0.00	42.78 0.19 0.00	60.11 -0.92 0.00	50.11 -0.32 0.00	48.85 -0.08 0.00	54.05 0.10 0.00	46.70 0.21 0.00
ERIE_WT_PWR 323693	50.37 -0.92 0.00	44.92 -0.80 0.00	39.29 -0.77 0.00	41.32 -0.94 0.00	50.98 -1.26 0.00	59.52 -1.50 0.00	219.18 -2.49 0.00	105.89 -2.30 0.00	50.51 -1.70 0.00	22.94 -0.28 0.00	24.55 -0.21 -0.74	16.94 -0.01 -0.16	24.98 0.02 -0.06	28.83 0.12 0.00	29.93 -0.01 0.00	26.31 0.18 0.00	35.06 0.21 0.00	40.15 0.14 0.00	42.25 -0.34 0.00	59.34 -1.68 0.00	49.46 -0.96 0.00	48.23 -0.69 0.00	53.38 -0.58 0.00	46.14 -0.34 0.00
ESPRGFLD_115KV_TB1 80157	53.74 2.46 0.00	47.91 2.19 0.00	42.08 2.02 0.00	44.41 2.15 0.00	55.05 2.81 0.00	64.60 3.58 0.00	236.49 14.82 0.00	115.47 7.29 0.00	55.06 2.85 0.00	24.35 1.13 0.00	25.16 1.14 0.00	17.71 0.91 0.00	26.27 1.37 0.00	30.23 1.52 0.00	31.37 1.42 0.00	27.27 1.14 0.00	36.34 1.49 0.00	41.97 1.96 0.00	45.13 2.54 0.00	65.13 4.11 0.00	54.03 3.60 0.00	52.35 3.43 0.00	57.56 3.61 0.00	49.45 2.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	52.39 1.11 0.00	46.73 1.01 0.00	40.97 0.91 0.00	43.22 0.96 0.00	53.34 1.11 0.00	62.47 1.45 0.00	228.31 6.65 0.00	111.33 3.14 0.00	53.24 1.03 0.00	23.57 0.35 0.00	25.33 0.33 -0.98	17.31 0.30 -0.22	25.39 0.41 -0.08	29.15 0.44 0.00	30.25 0.31 0.00	26.39 0.26 0.00	35.19 0.35 0.00	40.71 0.70 0.00	43.74 1.15 0.00	62.82 1.79 0.00	52.09 1.67 0.00	50.45 1.53 0.00	55.47 1.52 0.00	47.72 1.24 0.00
ETNA____115KV_TB2 80207	52.39 1.11 0.00	46.73 1.01 0.00	40.97 0.91 0.00	43.22 0.96 0.00	53.34 1.11 0.00	62.47 1.45 0.00	228.31 6.65 0.00	111.33 3.14 0.00	53.24 1.03 0.00	23.57 0.35 0.00	25.33 0.33 -0.98	17.31 0.30 -0.22	25.39 0.41 -0.08	29.15 0.44 0.00	30.25 0.31 0.00	26.39 0.26 0.00	35.19 0.35 0.00	40.71 0.70 0.00	43.74 1.15 0.00	62.82 1.79 0.00	52.09 1.67 0.00	50.45 1.53 0.00	55.47 1.52 0.00	47.72 1.24 0.00
EUCLID____115KV_TB2 356179	50.87 -0.42 0.00	45.32 -0.40 0.00	39.71 -0.35 0.00	41.87 -0.39 0.00	51.70 -0.54 0.00	60.44 -0.58 0.00	220.28 -1.38 0.00	107.38 -0.81 0.00	51.60 -0.61 0.00	22.98 -0.23 0.00	24.17 -0.23 -0.38	16.79 -0.08 -0.08	24.82 -0.12 -0.03	28.55 -0.16 0.00	29.70 -0.24 0.00	25.41 -0.20 0.53	33.41 -0.26 1.17	39.36 -0.23 0.42	42.39 -0.20 0.00	60.63 -0.40 0.00	50.14 -0.28 0.00	48.59 -0.33 0.00	53.54 -0.42 0.00	46.07 -0.41 0.00
E_CANADA_CAP_HY 24051	53.84 2.56 0.00	48.00 2.28 0.00	42.15 2.09 0.00	44.48 2.22 0.00	55.20 2.96 0.00	64.77 3.76 0.00	237.53 15.87 0.00	115.49 7.31 0.00	54.61 2.40 0.00	23.97 0.75 0.00	31.30 0.72 -6.54	18.84 0.60 -1.45	26.31 0.83 -0.57	29.58 0.87 0.00	30.69 0.74 0.00	26.67 0.54 0.00	35.64 0.79 0.00	41.28 1.27 0.00	44.90 2.31 0.00	65.27 4.25 0.00	54.21 3.78 0.00	52.46 3.53 0.00	57.70 3.75 0.00	49.62 3.13 0.00
E_CANADA_MHWK_HY 24050	50.54 -0.74 0.00	45.18 -0.54 0.00	39.78 -0.28 0.00	42.01 -0.25 0.00	51.61 -0.63 0.00	60.56 -0.46 0.00	219.66 -2.00 0.00	106.73 -1.46 0.00	50.61 -1.60 0.00	22.23 -0.99 0.00	22.88 -1.15 0.00	16.36 -0.43 0.00	24.27 -0.63 0.00	27.62 -1.09 0.00	28.73 -1.21 0.00	25.19 -0.94 0.00	33.54 -1.31 0.00	39.35 -0.66 0.00	42.70 0.10 0.00	61.89 0.86 0.00	51.02 0.59 0.00	49.12 0.19 0.00	53.77 -0.18 0.00	46.08 -0.40 0.00
E_FISHKILL____LBMP 23776	52.96 1.68 0.00	47.14 1.42 0.00	41.30 1.23 0.00	43.60 1.34 0.00	53.68 1.44 0.00	62.71 1.70 0.00	227.58 5.91 0.00	111.65 3.46 0.00	54.06 1.85 0.00	24.07 0.85 0.00	29.76 0.91 -4.82	18.82 0.96 -1.07	26.69 1.37 -0.42	30.12 1.41 0.00	31.19 1.25 0.00	27.23 1.10 0.00	36.29 1.45 0.00	41.86 1.85 0.00	44.61 2.02 0.00	63.67 2.65 0.00	52.38 1.96 0.00	50.53 1.60 0.00	55.57 1.62 0.00	47.75 1.26 0.00
FALCON____SEABRD_CC1 323796	51.02 -0.26 0.00	45.68 -0.04 0.00	40.18 0.11 0.00	42.54 0.28 0.00	53.30 1.06 0.00	62.39 1.37 0.00	228.01 6.35 0.00	111.35 3.16 0.00	53.69 1.48 0.00	23.75 0.53 0.00	24.46 0.34 -0.09	16.28 -0.53 -0.02	23.58 -1.34 -0.01	26.60 -2.12 0.00	26.04 -3.90 0.00	-3.59 -3.91 25.81	-26.47 -3.85 57.47	17.28 -2.29 20.44	42.39 -0.20 0.00	61.22 0.20 0.00	51.38 0.96 0.00	50.20 1.27 0.00	55.42 1.46 0.00	47.72 1.23 0.00

FALCON___SEABRD_CC2 323797	51.02 -0.26 0.00	45.68 -0.04 0.00	40.18 0.11 0.00	42.54 0.28 0.00	53.30 1.06 0.00	62.39 1.37 0.00	228.01 6.35 0.00	111.35 3.16 0.00	53.69 1.48 0.00	23.75 0.53 0.00	24.46 0.34 -0.09	16.28 -0.53 -0.02	23.58 -1.34 -0.01	26.60 -2.12 0.00	26.04 -3.90 0.00	-3.59 -3.91 25.81	-26.47 -3.85 57.47	17.28 -2.29 20.44	42.39 -0.20 0.00	61.22 0.20 0.00	51.38 0.96 0.00	50.20 1.27 0.00	55.42 1.46 0.00	47.72 1.23 0.00
FAR ROCKAWAY___4 23548	89.15 3.26 -34.61	85.54 2.91 -36.91	45.93 2.42 -3.45	44.77 2.47 -0.04	55.19 2.95 0.00	64.32 3.31 0.00	237.86 11.34 -4.85	116.71 6.64 -1.88	72.78 3.59 -16.98	72.87 1.67 -47.98	57.56 1.79 -31.75	50.41 1.51 -32.10	53.41 2.13 -26.37	33.98 2.35 -2.91	48.38 2.26 -16.17	54.62 2.05 -26.44	54.87 2.65 -17.38	71.84 3.02 -28.81	79.99 3.31 -34.09	117.09 4.50 -51.56	142.80 3.65 -88.72	133.61 3.17 -81.52	111.63 3.34 -54.34	84.64 2.78 -35.38
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.53 2.25 0.00	47.59 1.87 0.00	41.66 1.60 0.00	44.02 1.76 0.00	54.22 1.97 0.00	63.39 2.38 0.00	230.36 8.70 0.00	113.38 5.20 0.00	55.02 2.81 0.00	24.53 1.31 0.00	30.22 1.42 -4.77	19.12 1.28 -1.06	27.08 1.76 -0.42	30.60 1.89 0.00	31.70 1.75 0.00	27.67 1.54 0.00	36.85 2.00 0.00	42.46 2.45 0.00	45.39 2.80 0.00	64.75 3.72 0.00	53.33 2.90 0.00	51.30 2.38 0.00	56.36 2.41 0.00	48.39 1.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.62 2.33 0.00	47.67 1.95 0.00	41.73 1.66 0.00	44.09 1.83 0.00	54.30 2.07 0.00	63.49 2.47 0.00	230.73 9.07 0.00	113.60 5.41 0.00	55.12 2.91 0.00	24.57 1.35 0.00	30.26 1.46 -4.77	19.15 1.31 -1.06	27.13 1.81 -0.42	30.65 1.93 0.00	31.75 1.81 0.00	27.72 1.59 0.00	36.92 2.07 0.00	42.53 2.52 0.00	45.48 2.89 0.00	64.87 3.84 0.00	53.43 3.00 0.00	51.40 2.48 0.00	56.46 2.50 0.00	48.47 1.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.56 2.28 0.00	47.62 1.91 0.00	41.68 1.62 0.00	44.05 1.79 0.00	54.26 2.02 0.00	63.43 2.41 0.00	230.51 8.85 0.00	113.49 5.30 0.00	55.07 2.86 0.00	24.56 1.33 0.00	30.24 1.44 -4.77	19.14 1.29 -1.06	27.11 1.79 -0.42	30.63 1.92 0.00	31.73 1.79 0.00	27.69 1.56 0.00	36.89 2.05 0.00	42.50 2.50 0.00	45.43 2.84 0.00	64.79 3.77 0.00	53.37 2.94 0.00	51.34 2.41 0.00	56.40 2.45 0.00	48.42 1.93 0.00
FARRAGUT___LBMP 323566	53.53 2.25 0.00	47.59 1.87 0.00	41.66 1.60 0.00	44.02 1.76 0.00	54.22 1.97 0.00	63.39 2.38 0.00	230.36 8.70 0.00	113.38 5.20 0.00	55.02 2.81 0.00	24.53 1.31 0.00	30.22 1.42 -4.77	19.12 1.28 -1.06	27.08 1.76 -0.42	30.60 1.89 0.00	31.70 1.75 0.00	27.67 1.54 0.00	36.85 2.00 0.00	42.46 2.45 0.00	45.39 2.80 0.00	64.75 3.72 0.00	53.33 2.90 0.00	51.30 2.38 0.00	56.36 2.41 0.00	48.39 1.90 0.00
FENNER___WINDPWR 24204	52.13 0.85 0.00	46.54 0.82 0.00	40.82 0.76 0.00	43.10 0.84 0.00	53.28 1.04 0.00	62.43 1.41 0.00	228.03 6.37 0.00	111.15 2.96 0.00	53.30 1.09 0.00	23.63 0.41 0.00	24.92 0.36 -0.54	17.20 0.29 -0.12	25.30 0.35 -0.05	29.04 0.33 0.00	30.18 0.24 0.00	25.71 0.24 0.66	33.68 0.31 1.48	40.09 0.60 0.53	43.58 0.99 0.00	62.73 1.71 0.00	51.95 1.53 0.00	50.31 1.39 0.00	55.36 1.40 0.00	47.59 1.10 0.00
FIBERTEK___ENERGY 23856	51.46 0.18 0.00	45.85 0.13 0.00	40.18 0.11 0.00	42.37 0.11 0.00	52.26 0.02 0.00	61.13 0.11 0.00	222.91 1.25 0.00	108.63 0.44 0.00	52.14 -0.07 0.00	23.21 -0.01 0.00	24.47 0.00 -0.45	16.97 0.08 -0.10	25.05 0.11 -0.04	28.81 0.10 0.00	29.97 0.03 0.00	25.72 0.03 0.45	33.90 0.04 0.99	39.83 0.17 0.35	42.87 0.27 0.00	61.33 0.30 0.00	50.76 0.34 0.00	49.18 0.25 0.00	54.11 0.16 0.00	46.59 0.10 0.00
FITZPATRICK____ 23598	50.12 -1.16 0.00	44.68 -1.04 0.00	39.15 -0.92 0.00	41.28 -0.98 0.00	50.98 -1.26 0.00	59.59 -1.42 0.00	216.97 -4.69 0.00	105.79 -2.40 0.00	50.89 -1.32 0.00	22.66 -0.56 0.00	23.72 -0.58 -0.26	16.51 -0.34 -0.06	24.43 -0.50 -0.02	28.10 -0.61 0.00	29.24 -0.70 0.00	25.53 -0.60 0.00	34.04 -0.81 0.00	39.15 -0.85 0.00	41.73 -0.86 0.00	59.70 -1.32 0.00	49.38 -1.05 0.00	47.86 -1.06 0.00	52.75 -1.21 0.00	45.43 -1.05 0.00
FLOWRFLD_69_KV_BK1 356044	58.32 2.68 -4.35	50.72 2.49 -2.51	42.33 2.04 -0.23	44.18 1.92 0.00	54.71 2.47 0.00	63.69 2.67 0.00	227.25 8.51 2.93	114.61 5.28 -1.14	58.12 3.20 -2.72	27.93 1.45 -3.26	31.80 1.53 -6.24	16.63 1.19 1.35	24.87 1.56 1.59	30.28 1.79 0.22	30.71 1.69 0.92	26.83 1.66 0.96	35.58 2.03 1.29	42.71 2.04 -0.67	47.71 2.94 -2.18	70.59 4.17 -5.39	59.34 3.43 -5.47	56.49 2.96 -4.61	61.49 3.10 -4.43	60.69 2.72 -11.48
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.63 2.35 0.00	47.71 1.99 0.00	41.81 1.74 0.00	44.13 1.87 0.00	54.36 2.12 0.00	63.54 2.52 0.00	231.02 9.35 0.00	113.30 5.12 0.00	54.75 2.54 0.00	24.34 1.12 0.00	29.95 1.16 -4.76	18.97 1.13 -1.05	26.92 1.60 -0.42	30.39 1.67 0.00	31.48 1.54 0.00	27.49 1.36 0.00	36.69 1.85 0.00	42.36 2.35 0.00	45.19 2.60 0.00	64.56 3.54 0.00	53.13 2.71 0.00	51.26 2.34 0.00	56.33 2.37 0.00	48.34 1.85 0.00
FORT ORANGE____ 23900	52.23 0.95 0.00	46.67 0.95 0.00	40.90 0.84 0.00	43.13 0.87 0.00	53.01 0.77 0.00	61.73 0.71 0.00	222.93 1.27 0.00	108.73 0.55 0.00	52.59 0.38 0.00	23.40 0.18 0.00	29.88 0.22 -5.63	18.45 0.41 -1.24	25.99 0.60 -0.49	29.14 0.42 0.00	30.20 0.26 0.00	26.35 0.22 0.00	35.14 0.30 0.00	40.65 0.65 0.00	43.21 0.61 0.00	61.90 0.87 0.00	51.04 0.61 0.00	49.33 0.40 0.00	54.32 0.36 0.00	46.82 0.33 0.00
FORT_DRUM_COGEN 23780	51.15 -0.13 0.00	45.72 0.00 0.00	40.38 0.32 0.00	42.74 0.49 0.00	53.24 1.01 0.00	62.70 1.69 0.00	230.52 8.86 0.00	111.82 3.64 0.00	52.87 0.66 0.00	22.86 -0.36 0.00	23.56 -0.71 -0.24	15.92 -0.92 -0.05	23.26 -1.66 -0.02	26.65 -2.06 0.00	27.56 -2.38 0.00	18.48 -2.23 5.42	19.74 -3.04 12.07	33.18 -2.53 4.29	42.05 -0.54 0.00	62.03 1.01 0.00	51.60 1.17 0.00	50.02 1.09 0.00	55.13 1.18 0.00	47.40 0.91 0.00
FOX_HILLS___ESR 323835	60.75 2.57 -6.90	59.46 2.17 -11.57	59.42 1.86 -17.49	59.22 2.03 -14.92	61.13 2.32 -6.57	65.52 2.74 -1.77	231.48 9.81 0.00	121.46 5.83 -7.44	100.52 2.93 -45.38	57.32 1.33 -32.76	67.35 1.43 -41.90	79.36 1.29 -61.27	103.60 1.85 -76.85	101.95 1.97 -71.26	81.75 1.79 -50.02	83.41 1.57 -55.71	65.85 2.08 -28.92	57.56 2.58 -14.97	69.34 2.84 -23.91	67.02 3.81 -2.19	68.40 3.03 -14.94	68.74 2.58 -17.24	74.73 2.82 -17.95	58.87 2.31 -10.07
FPL FAR_ROCK_GT1 24212	89.11 3.21 -34.61	85.50 2.88 -36.91	45.87 2.36 -3.45	44.75 2.45 -0.04	55.19 2.95 0.00	64.32 3.31 0.00	237.56 11.04 -4.85	116.71 6.64 -1.88	72.77 3.57 -16.98	72.87 1.67 -47.98	57.56 1.79 -31.75	50.41 1.51 -32.10	53.41 2.13 -26.37	33.97 2.34 -2.91	48.38 2.26 -16.17	54.62 2.05 -26.44	54.88 2.66 -17.38	71.84 3.02 -28.81	79.96 3.28 -34.09	117.09 4.50 -51.56	142.80 3.65 -88.72	133.62 3.17 -81.52	111.62 3.33 -54.34	84.63 2.77 -35.38

FPL FAR_ROCK_GT2 23815	89.11 3.21 -34.61	85.50 2.88 -36.91	45.87 2.36 -3.45	44.75 2.45 -0.04	55.19 2.95 0.00	64.32 3.31 0.00	237.56 11.04 -4.85	116.71 6.64 -1.88	72.77 3.57 -16.98	72.87 1.67 -47.98	57.56 1.79 -31.75	50.41 1.51 -32.10	53.41 2.13 -26.37	33.97 2.34 -2.91	48.38 2.26 -16.17	54.62 2.05 -26.44	54.88 2.66 -17.38	71.84 3.02 -28.81	79.96 3.28 -34.09	117.09 4.50 -51.56	142.80 3.65 -88.72	133.62 3.17 -81.52	111.62 3.33 -54.34	84.63 2.77 -35.38
FRANKLIN_FALL_HYD 24054	50.99 -0.29 0.00	45.56 -0.15 0.00	40.07 0.00 0.00	42.40 0.14 0.00	53.12 0.88 0.00	62.11 1.09 0.00	226.73 5.07 0.00	110.87 2.68 0.00	53.41 1.20 0.00	23.57 0.35 0.00	24.27 0.14 -0.10	16.11 -0.70 -0.02	23.31 -1.60 -0.01	26.27 -2.44 0.00	25.87 -4.07 0.00	-1.99 -3.99 24.14	-23.13 -4.23 53.74	18.29 -2.61 19.11	42.09 -0.50 0.00	60.85 -0.18 0.00	51.09 0.66 0.00	49.81 0.89 0.00	54.97 1.01 0.00	47.30 0.82 0.00
FREEPORT_EQU_S_GT1 23764	70.10 2.42 -16.40	64.06 2.37 -15.97	43.47 1.92 -1.49	44.24 1.97 -0.01	54.57 2.33 0.00	63.41 2.40 0.00	228.62 7.57 0.61	114.61 4.87 -1.56	63.55 2.84 -8.50	45.37 1.38 -20.77	41.70 1.50 -16.18	29.22 1.27 -11.16	35.51 1.75 -8.86	31.58 1.92 -0.95	37.27 1.83 -5.50	37.22 1.68 -9.40	42.70 2.16 -5.69	52.99 2.45 -10.54	58.76 2.60 -13.57	86.81 3.58 -22.20	88.57 2.93 -35.22	82.87 2.56 -31.39	78.25 2.62 -21.67	70.26 2.29 -21.49
FREEPORT___CT2 23818	70.10 2.42 -16.40	64.06 2.37 -15.97	43.47 1.92 -1.49	44.24 1.97 -0.01	54.57 2.33 0.00	63.41 2.40 0.00	228.62 7.57 0.61	114.61 4.87 -1.56	63.55 2.84 -8.50	45.37 1.38 -20.77	41.70 1.50 -16.18	29.22 1.27 -11.16	35.51 1.75 -8.86	31.58 1.92 -0.95	37.27 1.83 -5.50	37.22 1.68 -9.40	42.70 2.16 -5.69	52.99 2.45 -10.54	58.76 2.60 -13.57	86.81 3.58 -22.20	88.57 2.93 -35.22	82.87 2.56 -31.39	78.25 2.62 -21.67	70.26 2.29 -21.49
FRESHKLS_33_KV_LOAD 356253	60.65 2.47 -6.90	59.39 2.10 -11.57	59.37 1.81 -17.49	59.15 1.97 -14.92	61.05 2.24 -6.57	65.48 2.69 -1.77	231.17 9.50 0.00	121.27 5.64 -7.44	100.39 2.80 -45.38	57.22 1.23 -32.76	67.24 1.32 -41.90	79.27 1.21 -61.27	103.49 1.75 -76.85	101.85 1.88 -71.26	81.66 1.69 -50.02	83.32 1.48 -55.71	65.76 1.99 -28.92	57.50 2.52 -14.97	69.25 2.75 -23.91	66.90 3.69 -2.19	68.34 2.97 -14.94	68.69 2.53 -17.24	74.63 2.72 -17.95	58.84 2.28 -10.07
FULTON COGEN____ 23766	50.64 -0.65 0.00	45.11 -0.61 0.00	39.54 -0.53 0.00	41.68 -0.58 0.00	51.49 -0.75 0.00	60.20 -0.81 0.00	219.54 -2.12 0.00	107.02 -1.17 0.00	51.42 -0.79 0.00	22.89 -0.33 0.00	24.04 -0.34 -0.35	16.69 -0.18 -0.08	24.66 -0.28 -0.03	28.35 -0.37 0.00	29.47 -0.48 0.00	25.08 -0.42 0.62	32.90 -0.55 1.39	39.00 -0.52 0.49	42.21 -0.39 0.00	60.43 -0.59 0.00	49.98 -0.45 0.00	48.40 -0.53 0.00	53.32 -0.64 0.00	45.89 -0.60 0.00
FULTON___LFGE 323630	54.12 2.84 0.00	48.25 2.52 0.00	42.30 2.24 0.00	44.62 2.35 0.00	55.27 3.04 0.00	64.83 3.82 0.00	237.20 15.54 0.00	114.83 6.65 0.00	53.96 1.75 0.00	23.55 0.33 0.00	30.54 0.26 -6.26	18.52 0.34 -1.38	25.95 0.50 -0.54	29.06 0.34 0.00	30.21 0.26 0.00	26.40 0.26 0.00	35.11 0.26 0.00	40.81 0.80 0.00	44.77 2.18 0.00	65.27 4.25 0.00	54.11 3.68 0.00	52.30 3.38 0.00	57.50 3.55 0.00	49.41 2.93 0.00
G.F.CEMENT___DRP 24184	53.86 2.58 0.00	48.10 2.38 0.00	42.10 2.04 0.00	44.40 2.14 0.00	54.70 2.47 0.00	63.94 2.92 0.00	233.21 11.55 0.00	113.36 5.17 0.00	54.60 2.39 0.00	23.96 0.74 -5.83	30.54 0.68 -1.29	18.83 0.75 -0.51	26.48 1.07 -0.51	29.69 0.98 0.00	30.72 0.78 0.00	26.82 0.69 0.00	36.06 1.21 0.00	42.17 2.16 2.52	45.11 2.52 3.51	64.54 3.51 2.72	53.14 2.72 2.41	51.33 2.41 2.60	56.56 2.60 2.23	48.71 2.23 0.00
GARDENVILLE___LBMP 24039	50.25 -1.03 0.00	44.81 -0.91 0.00	39.19 -0.88 0.00	41.20 -1.06 0.00	50.86 -1.38 0.00	59.34 -1.68 0.00	218.38 -3.28 0.00	105.55 -2.64 0.00	50.36 -1.85 0.00	22.87 -0.35 0.00	24.48 -0.27 -0.73	16.90 -0.05 -0.16	24.91 -0.05 -0.06	28.75 0.04 0.00	29.86 -0.08 0.00	26.21 0.08 0.00	34.91 0.06 0.00	39.98 -0.03 0.00	42.09 -0.51 0.00	59.10 -1.92 0.00	49.27 -1.15 0.00	48.03 -0.90 0.00	53.20 -0.76 0.00	45.99 -0.49 0.00
GARDNVLA_35_KV_LD 355827	50.47 -0.81 0.00	44.99 -0.73 0.00	39.35 -0.71 0.00	41.37 -0.89 0.00	51.07 -1.17 0.00	59.60 -1.42 0.00	219.51 -2.15 0.00	106.11 -2.08 0.00	50.63 -1.59 0.00	23.00 -0.22 0.00	24.61 -0.15 -0.74	16.99 0.03 -0.16	25.04 0.08 -0.06	28.90 0.19 0.00	30.02 0.08 0.00	26.36 0.23 0.00	35.10 0.26 0.00	40.25 0.24 0.00	42.37 -0.22 0.00	59.47 -1.56 0.00	49.57 -0.85 0.00	48.33 -0.60 0.00	53.50 -0.45 0.00	46.24 -0.24 0.00
GELCKHM___115KV_LOAD 80723	51.07 -0.21 0.00	45.50 -0.22 0.00	39.87 -0.19 0.00	42.04 -0.22 0.00	51.88 -0.36 0.00	60.66 -0.35 0.00	221.16 -0.51 0.00	107.81 -0.37 0.00	51.78 -0.43 0.00	23.06 -0.15 0.00	24.28 -0.15 -0.40	16.85 -0.03 -0.09	24.90 -0.04 -0.04	28.65 -0.07 0.00	29.80 -0.15 0.00	25.52 -0.12 0.49	33.59 -0.16 1.10	39.52 -0.10 0.39	42.55 -0.04 0.00	60.88 -0.15 0.00	50.37 -0.06 0.00	48.80 -0.13 0.00	53.74 -0.22 0.00	46.25 -0.23 0.00
GENERAL___MILLS 23808	50.36 -0.92 0.00	44.92 -0.80 0.00	39.28 -0.79 0.00	41.29 -0.97 0.00	50.97 -1.27 0.00	59.48 -1.54 0.00	218.98 -2.69 0.00	105.82 -2.37 0.00	50.48 -1.74 0.00	22.93 -0.29 0.00	24.54 -0.23 -0.74	16.94 -0.02 -0.16	24.97 0.11 -0.06	28.82 0.11 0.00	29.93 -0.01 0.00	26.28 0.15 0.00	34.99 0.14 0.00	40.12 0.11 0.00	42.23 -0.36 0.00	59.29 -1.74 0.00	49.42 -1.00 0.00	48.20 -0.73 0.00	53.36 -0.60 0.00	46.13 -0.35 0.00
GE_PLASTICS___DRP 24183	52.02 0.74 0.00	46.46 0.74 0.00	40.72 0.65 0.00	42.95 0.69 0.00	52.83 0.59 0.00	61.56 0.54 0.00	222.39 0.72 0.00	108.56 0.38 0.00	52.57 0.36 0.00	23.41 0.19 0.00	29.90 0.24 -5.63	18.47 0.44 -1.24	26.05 0.66 -0.49	29.22 0.50 0.00	30.28 0.33 0.00	26.42 0.29 0.00	35.22 0.37 0.00	40.68 0.67 0.00	43.21 0.61 0.00	61.79 0.76 0.00	50.91 0.48 0.00	49.21 0.28 0.00	54.21 0.26 0.00	46.74 0.25 0.00
GILBOA___1 23756	52.10 0.82 0.00	46.45 0.73 0.00	40.73 0.66 0.00	42.97 0.71 0.00	52.93 0.70 0.00	61.68 0.66 0.00	221.61 -0.05 0.00	108.65 0.46 0.00	52.72 0.51 0.00	23.56 0.34 0.00	28.22 0.43 -3.76	18.25 0.63 -0.83	26.46 1.23 -0.33	29.97 1.26 0.00	31.07 1.13 0.00	27.12 0.99 0.00	35.95 1.10 0.00	41.21 1.20 0.00	43.31 0.72 0.00	61.93 0.91 0.00	51.10 0.67 0.00	49.62 0.69 0.00	54.64 0.69 0.00	47.02 0.53 0.00
GILBOA___2 23757	52.10 0.82 0.00	46.45 0.73 0.00	40.73 0.66 0.00	42.97 0.71 0.00	52.93 0.70 0.00	61.68 0.66 0.00	221.61 -0.05 0.00	108.65 0.46 0.00	52.72 0.51 0.00	23.56 0.34 0.00	28.22 0.43 -3.76	18.25 0.63 -0.83	26.46 1.23 -0.33	29.97 1.26 0.00	31.07 1.13 0.00	27.12 0.99 0.00	35.95 1.10 0.00	41.21 1.20 0.00	43.31 0.72 0.00	61.93 0.91 0.00	51.10 0.67 0.00	49.62 0.69 0.00	54.64 0.69 0.00	47.02 0.53 0.00

GILBOA___3 23758	52.10 0.82 0.00	46.45 0.73 0.00	40.73 0.66 0.00	42.97 0.71 0.00	52.93 0.70 0.00	61.68 0.66 0.00	221.61 -0.05 0.00	108.65 0.46 0.00	52.72 0.51 0.00	23.56 0.34 0.00	28.22 0.43 -3.76	18.25 0.63 -0.83	26.46 1.23 -0.33	29.97 1.26 0.00	31.07 1.13 0.00	27.12 0.99 0.00	35.95 1.10 0.00	41.21 1.20 0.00	43.31 0.72 0.00	61.93 0.91 0.00	51.10 0.67 0.00	49.62 0.69 0.00	54.64 0.69 0.00	47.02 0.53 0.00
GILBOA___4 23759	52.10 0.82 0.00	46.45 0.73 0.00	40.73 0.66 0.00	42.97 0.71 0.00	52.93 0.70 0.00	61.68 0.66 0.00	221.61 -0.05 0.00	108.65 0.46 0.00	52.72 0.51 0.00	23.56 0.34 0.00	28.22 0.43 -3.76	18.25 0.63 -0.83	26.46 1.23 -0.33	29.97 1.26 0.00	31.07 1.13 0.00	27.12 0.99 0.00	35.95 1.10 0.00	41.21 1.20 0.00	43.31 0.72 0.00	61.93 0.91 0.00	51.10 0.67 0.00	49.62 0.69 0.00	54.64 0.69 0.00	47.02 0.53 0.00
GILBOA___ 23599	52.11 0.82 0.00	46.45 0.73 0.00	40.73 0.66 0.00	42.97 0.71 0.00	52.93 0.70 0.00	61.68 0.66 0.00	221.61 -0.05 0.00	108.65 0.46 0.00	52.71 0.50 0.00	23.56 0.34 0.00	28.22 0.43 -3.76	18.25 0.63 -0.83	26.46 1.23 -0.33	29.97 1.26 0.00	31.07 1.13 0.00	27.12 0.99 0.00	35.95 1.10 0.00	41.21 1.20 0.00	43.31 0.72 0.00	61.94 0.91 0.00	51.10 0.68 0.00	49.62 0.69 0.00	54.64 0.69 0.00	47.01 0.53 0.00
GINNA___ 23603	48.84 -2.44 0.00	43.50 -2.22 0.00	38.04 -2.02 0.00	40.07 -2.19 0.00	49.50 -2.73 0.00	57.91 -3.10 0.00	212.40 -9.27 0.00	103.15 -5.03 0.00	49.27 -2.94 0.00	22.02 -1.20 0.00	23.32 -1.22 -0.52	16.19 -0.72 -0.11	23.90 -1.05 -0.05	27.50 -1.22 0.00	28.58 -1.37 0.00	25.05 -1.08 0.00	33.44 -1.41 0.00	38.31 -1.70 0.00	40.72 -1.87 0.00	57.84 -3.19 0.00	47.97 -2.46 0.00	46.48 -2.44 0.00	51.20 -2.76 0.00	44.15 -2.33 0.00
GLEN PARK___ 23778	51.34 0.06 0.00	45.87 0.15 0.00	40.50 0.44 0.00	42.87 0.61 0.00	53.38 1.14 0.00	62.89 1.87 0.00	232.60 10.94 0.00	112.88 4.69 0.00	53.07 0.86 0.00	22.78 -0.44 0.00	23.43 -0.85 -0.25	15.83 -1.01 -0.06	23.13 -1.80 -0.02	26.60 -2.11 0.00	27.53 -2.41 0.00	18.74 -2.26 5.13	20.33 -3.10 11.42	33.37 -2.58 4.06	42.14 -0.46 0.00	62.25 1.23 0.00	51.82 1.40 0.00	50.23 1.30 0.00	55.32 1.37 0.00	47.53 1.04 0.00
GLENDALE_27_KV_LOAD 356172	53.94 2.66 0.00	47.93 2.21 0.00	41.94 1.87 0.00	44.31 2.05 0.00	54.59 2.35 0.00	63.81 2.79 0.00	231.99 10.32 0.00	114.48 6.18 -0.11	110.68 3.30 -55.16	109.51 1.55 -84.74	107.68 1.66 -81.99	107.62 1.45 -89.37	107.78 2.03 -80.85	102.17 2.19 -71.26	82.04 2.07 -50.02	83.66 1.82 -55.71	71.98 2.37 -34.76	57.83 2.84 -14.97	48.66 3.18 -2.89	65.29 4.27 0.00	53.78 3.36 0.00	51.74 2.82 0.00	57.30 2.94 -0.41	49.88 2.34 -1.05
GLENWOOD_IC_1_G5 23712	68.75 2.51 -14.96	61.16 2.22 -13.23	43.16 1.86 -1.23	44.21 1.94 -0.01	54.49 2.25 0.00	63.56 2.54 0.00	230.53 9.01 0.14	115.51 5.34 -1.98	64.66 2.89 -9.56	41.76 1.35 -17.19	39.44 1.45 -13.96	24.41 1.29 -6.32	31.54 1.81 -4.82	31.17 1.96 -0.50	34.97 1.86 -3.17	33.69 1.66 -5.90	40.01 2.15 -3.02	50.51 2.50 -8.01	56.71 2.79 -11.33	84.64 3.69 -19.93	82.69 2.86 -29.40	77.83 2.47 -26.44	75.62 2.69 -18.98	72.85 2.19 -24.17
GLENWOOD_IC_2_G1 23688	54.00 2.26 -0.46	48.05 1.98 -0.35	41.76 1.66 -0.03	44.03 1.77 0.00	54.25 2.01 0.00	63.31 2.30 0.00	229.73 8.06 0.00	113.10 4.83 -0.08	55.19 2.60 -0.37	24.90 1.23 -0.46	30.35 1.31 -5.01	19.06 1.21 -1.06	27.01 1.69 -0.42	30.53 1.82 0.00	31.67 1.70 -0.02	27.72 1.52 -0.07	36.82 1.97 0.00	42.52 2.33 -0.18	45.50 2.60 -0.31	65.16 3.53 -0.60	53.98 2.75 -0.80	51.98 2.32 -0.72	56.92 2.42 -0.55	49.38 1.96 -0.93
GLENWOOD_IC_3_G1 23689	54.00 2.26 -0.46	48.05 1.98 -0.35	41.76 1.66 -0.03	44.03 1.77 0.00	54.25 2.01 0.00	63.31 2.30 0.00	229.73 8.06 0.00	113.10 4.83 -0.08	55.19 2.60 -0.37	24.90 1.23 -0.46	30.35 1.31 -5.01	19.06 1.21 -1.06	27.01 1.69 -0.42	30.53 1.82 0.00	31.67 1.70 -0.02	27.72 1.52 -0.07	36.82 1.97 0.00	42.52 2.33 -0.18	45.50 2.60 -0.31	65.16 3.53 -0.60	53.98 2.75 -0.80	51.98 2.32 -0.72	56.92 2.42 -0.55	49.38 1.96 -0.93
GLENWOOD___4 23550	68.75 2.51 -14.96	61.16 2.22 -13.23	43.16 1.86 -1.23	44.21 1.94 -0.01	54.49 2.25 0.00	63.56 2.54 0.00	230.53 9.01 0.14	115.51 5.34 -1.98	64.66 2.89 -9.56	41.76 1.35 -17.19	39.44 1.45 -13.96	24.41 1.29 -6.32	31.54 1.81 -4.82	31.17 1.96 -0.50	34.97 1.86 -3.17	33.69 1.66 -5.90	40.01 2.15 -3.02	50.51 2.50 -8.01	56.71 2.79 -11.33	84.70 3.74 -19.93	82.74 2.91 -29.40	77.86 2.50 -26.44	75.62 2.69 -18.98	72.85 2.19 -24.17
GLENWOOD___5 23614	68.75 2.51 -14.96	61.16 2.22 -13.23	43.16 1.86 -1.23	44.21 1.94 -0.01	54.49 2.25 0.00	63.56 2.54 0.00	230.53 9.01 0.14	115.51 5.34 -1.98	64.66 2.89 -9.56	41.76 1.35 -17.19	39.44 1.45 -13.96	24.41 1.29 -6.32	31.54 1.81 -4.82	31.17 1.96 -0.50	34.97 1.86 -3.17	33.69 1.66 -5.90	40.01 2.15 -3.02	50.51 2.50 -8.01	56.71 2.79 -11.33	84.70 3.74 -19.93	82.74 2.91 -29.40	77.86 2.50 -26.44	75.62 2.69 -18.98	72.85 2.19 -24.17
GLOBAL GREEN_PORT_GT1 23814	57.40 1.92 -4.19	49.90 1.84 -2.34	41.70 1.43 -0.21	43.51 1.25 0.00	54.07 1.83 0.00	63.03 2.01 0.00	222.91 4.21 2.97	113.76 4.44 -1.13	57.52 2.68 -2.63	27.47 1.21 -3.04	31.64 1.50 -6.12	16.50 1.21 1.50	24.86 1.68 1.72	30.48 2.01 0.24	30.88 1.93 1.00	26.91 1.86 1.09	35.63 2.17 1.38	42.24 1.69 -0.55	47.96 3.34 -2.04	70.90 4.71 -5.17	59.64 4.11 -5.10	56.82 3.56 -4.33	62.12 3.89 -4.28	61.53 3.67 -11.38
GLOBE___DSASP 323697	48.23 -3.06 0.00	43.00 -2.72 0.00	37.52 -2.54 0.00	39.45 -2.81 0.00	48.69 -3.54 0.00	56.78 -4.24 0.00	208.84 -12.83 0.00	100.65 -7.54 0.00	48.03 -4.18 0.00	21.84 -1.38 0.00	23.36 -1.35 -0.69	16.15 -0.80 -0.15	23.87 -1.09 -0.06	27.57 -1.14 0.00	28.69 -1.25 0.00	25.22 -0.91 0.00	33.53 -1.32 0.00	38.15 -1.86 0.00	40.07 -2.52 0.00	56.10 -4.93 0.00	46.73 -3.70 0.00	45.61 -3.32 0.00	50.65 -3.31 0.00	43.93 -2.56 0.00
GOETHSLN___LBMP 323567	53.31 2.02 0.00	47.36 1.64 0.00	41.48 1.42 0.00	43.85 1.59 0.00	54.01 1.77 0.00	63.13 2.11 0.00	229.32 7.66 0.00	112.90 4.72 0.00	54.77 2.56 0.00	24.41 1.19 0.00	30.10 1.30 -4.77	19.04 1.19 -1.06	26.95 1.64 -0.42	30.45 1.73 0.00	31.55 1.60 0.00	27.54 1.41 0.00	36.68 1.84 0.00	42.27 2.26 0.00	45.20 2.61 0.00	64.46 3.43 0.00	53.10 2.67 0.00	51.09 2.16 0.00	56.14 2.18 0.00	48.19 1.70 0.00
GOLAH___69_KV_TB 1_2 80279	51.12 -0.16 0.00	45.54 -0.18 0.00	39.85 -0.21 0.00	41.90 -0.36 0.00	51.79 -0.45 0.00	60.73 -0.29 0.00	222.59 0.93 0.00	108.12 -0.07 0.00	51.38 -0.83 0.00	22.97 -0.25 0.00	24.34 -0.24 -0.55	16.89 -0.02 -0.12	24.94 -0.01 -0.05	28.69 -0.03 0.00	29.82 -0.12 0.00	26.16 0.03 0.00	34.93 0.08 0.00	39.99 -0.03 0.00	42.55 -0.04 0.00	60.24 -0.79 0.00	50.10 -0.33 0.00	48.60 -0.32 0.00	53.64 -0.32 0.00	46.36 -0.12 0.00

GOODYEAR_LAKE_HYD 323669	53.28 2.00 0.00	47.49 1.77 0.00	41.68 1.62 0.00	43.99 1.73 0.00	54.36 2.12 0.00	63.66 2.64 0.00	231.80 10.14 0.00	113.38 5.19 0.00	54.45 2.23 0.00	24.24 1.02 0.00	26.47 1.07 -1.37	18.04 0.94 -0.30	26.48 1.46 -0.12	30.29 1.57 0.00	31.44 1.50 0.00	27.39 1.26 0.00	36.44 1.59 0.00	41.99 1.98 0.00	44.76 2.17 0.00	64.18 3.15 0.00	53.07 2.64 0.00	51.42 2.49 0.00	56.53 2.58 0.00	48.57 2.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.88 0.60 0.00	46.27 0.55 0.00	40.65 0.58 0.00	42.80 0.54 0.00	52.75 0.51 0.00	61.57 0.56 0.00	224.41 2.74 0.00	109.50 1.31 0.00	52.42 0.21 0.00	23.51 0.29 0.00	25.78 0.35 -1.41	17.53 0.42 -0.31	25.62 0.60 -0.12	29.40 0.68 0.00	30.50 0.56 0.00	26.63 0.50 0.00	35.46 0.61 0.00	40.82 0.81 0.00	43.37 0.77 0.00	61.91 0.89 0.00	51.28 0.86 0.00	49.74 0.82 0.00	54.80 0.84 0.00	47.16 0.67 0.00
GOUDEY___7 23579	51.88 0.60 0.00	46.27 0.55 0.00	40.65 0.58 0.00	42.80 0.54 0.00	52.75 0.51 0.00	61.57 0.56 0.00	224.41 2.74 0.00	109.50 1.31 0.00	52.42 0.21 0.00	23.51 0.29 0.00	25.78 0.35 -1.41	17.53 0.42 -0.31	25.62 0.60 -0.12	29.40 0.68 0.00	30.50 0.56 0.00	26.63 0.50 0.00	35.46 0.61 0.00	40.82 0.81 0.00	43.37 0.77 0.00	61.91 0.89 0.00	51.28 0.86 0.00	49.74 0.82 0.00	54.80 0.84 0.00	47.16 0.67 0.00
GOUDEY___8 23580	51.88 0.60 0.00	46.27 0.55 0.00	40.65 0.58 0.00	42.80 0.54 0.00	52.75 0.51 0.00	61.57 0.56 0.00	224.41 2.74 0.00	109.50 1.31 0.00	52.42 0.21 0.00	23.51 0.29 0.00	25.78 0.35 -1.41	17.53 0.42 -0.31	25.62 0.60 -0.12	29.40 0.68 0.00	30.50 0.56 0.00	26.63 0.50 0.00	35.46 0.61 0.00	40.82 0.81 0.00	43.37 0.77 0.00	61.91 0.89 0.00	51.28 0.86 0.00	49.74 0.82 0.00	54.80 0.84 0.00	47.16 0.67 0.00
GOWANUS_GT1_1 24077	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.57 1.55 -81.99	107.54 1.38 -89.37	107.70 1.96 -80.85	102.07 2.10 -71.26	81.91 1.94 -50.02	83.54 1.70 -55.71	71.86 2.24 -34.76	57.71 2.73 -14.97	72.61 3.01 -27.01	75.35 4.05 -10.27	75.59 3.23 -21.93	90.42 2.75 -38.75	74.90 2.99 -17.95	58.98 2.42 -10.07
GOWANUS_GT1_2 24078	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.57 1.55 -81.99	107.54 1.38 -89.37	107.70 1.96 -80.85	102.07 2.10 -71.26	81.91 1.94 -50.02	83.54 1.70 -55.71	71.86 2.24 -34.76	57.71 2.73 -14.97	72.61 3.01 -27.01	75.35 4.05 -10.27	75.59 3.23 -21.93	90.42 2.75 -38.75	74.90 2.99 -17.95	58.98 2.42 -10.07
GOWANUS_GT1_3 24079	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.57 1.55 -81.99	107.54 1.38 -89.37	107.70 1.96 -80.85	102.07 2.10 -71.26	81.91 1.94 -50.02	83.54 1.70 -55.71	71.86 2.24 -34.76	57.71 2.73 -14.97	72.61 3.01 -27.01	75.35 4.05 -10.27	75.59 3.23 -21.93	90.42 2.75 -38.75	74.90 2.99 -17.95	58.98 2.42 -10.07
GOWANUS_GT1_4 24080	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.57 1.55 -81.99	107.54 1.38 -89.37	107.70 1.96 -80.85	102.07 2.10 -71.26	81.91 1.94 -50.02	83.54 1.70 -55.71	71.86 2.24 -34.76	57.71 2.73 -14.97	72.61 3.01 -27.01	75.35 4.05 -10.27	75.59 3.23 -21.93	90.42 2.75 -38.75	74.90 2.99 -17.95	58.98 2.42 -10.07
GOWANUS_GT1_5 24084	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.57 1.55 -81.99	107.54 1.38 -89.37	107.70 1.96 -80.85	102.07 2.10 -71.26	81.91 1.94 -50.02	83.54 1.70 -55.71	71.86 2.24 -34.76	57.71 2.73 -14.97	72.61 3.01 -27.01	75.35 4.05 -10.27	75.59 3.23 -21.93	90.42 2.75 -38.75	74.90 2.99 -17.95	58.98 2.42 -10.07
GOWANUS_GT1_6 24111	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.57 1.55 -81.99	107.54 1.38 -89.37	107.70 1.96 -80.85	102.07 2.10 -71.26	81.91 1.94 -50.02	83.54 1.70 -55.71	71.86 2.24 -34.76	57.71 2.73 -14.97	72.61 3.01 -27.01	75.35 4.05 -10.27	75.59 3.23 -21.93	90.42 2.75 -38.75	74.90 2.99 -17.95	58.98 2.42 -10.07
GOWANUS_GT1_7 24112	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.57 1.55 -81.99	107.54 1.38 -89.37	107.70 1.96 -80.85	102.07 2.10 -71.26	81.91 1.94 -50.02	83.54 1.70 -55.71	71.86 2.24 -34.76	57.71 2.73 -14.97	72.61 3.01 -27.01	75.35 4.05 -10.27	75.59 3.23 -21.93	90.42 2.75 -38.75	74.90 2.99 -17.95	58.98 2.42 -10.07
GOWANUS_GT1_8 24113	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.57 1.55 -81.99	107.54 1.38 -89.37	107.70 1.96 -80.85	102.07 2.10 -71.26	81.91 1.94 -50.02	83.54 1.70 -55.71	71.86 2.24 -34.76	57.71 2.73 -14.97	72.61 3.01 -27.01	75.35 4.05 -10.27	75.59 3.23 -21.93	90.42 2.75 -38.75	74.90 2.99 -17.95	58.98 2.42 -10.07
GOWANUS_GT2_1 24114	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
GOWANUS_GT2_2 24115	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
GOWANUS_GT2_3 24116	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07

GOWANUS_GT2_4 24117	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
GOWANUS_GT2_5 24118	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
GOWANUS_GT2_6 24119	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
GOWANUS_GT2_7 24120	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
GOWANUS_GT2_8 24121	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
GOWANUS_GT3_1 24122	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.17 -55.16	109.40 1.45 -84.74	107.56 1.54 -81.99	107.54 1.37 -89.37	107.70 1.96 -80.85	102.08 2.10 -71.26	81.91 1.94 -50.02	83.55 1.70 -55.71	71.86 2.25 -34.76	57.71 2.73 -14.97	72.61 3.02 -27.01	75.34 4.05 -10.27	75.58 3.22 -21.93	90.41 2.74 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT3_2 24123	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.17 -55.16	109.40 1.45 -84.74	107.56 1.54 -81.99	107.54 1.37 -89.37	107.70 1.96 -80.85	102.08 2.10 -71.26	81.91 1.94 -50.02	83.55 1.70 -55.71	71.86 2.25 -34.76	57.71 2.73 -14.97	72.61 3.02 -27.01	75.34 4.05 -10.27	75.58 3.22 -21.93	90.41 2.74 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT3_3 24124	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.17 -55.16	109.40 1.45 -84.74	107.56 1.54 -81.99	107.54 1.37 -89.37	107.70 1.96 -80.85	102.08 2.10 -71.26	81.91 1.94 -50.02	83.55 1.70 -55.71	71.86 2.25 -34.76	57.71 2.73 -14.97	72.61 3.02 -27.01	75.34 4.05 -10.27	75.58 3.22 -21.93	90.41 2.74 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT3_4 24125	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.17 -55.16	109.40 1.45 -84.74	107.56 1.54 -81.99	107.54 1.37 -89.37	107.70 1.96 -80.85	102.08 2.10 -71.26	81.91 1.94 -50.02	83.55 1.70 -55.71	71.86 2.25 -34.76	57.71 2.73 -14.97	72.61 3.02 -27.01	75.34 4.05 -10.27	75.58 3.22 -21.93	90.41 2.74 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT3_5 24126	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.17 -55.16	109.40 1.45 -84.74	107.56 1.54 -81.99	107.54 1.37 -89.37	107.70 1.96 -80.85	102.08 2.10 -71.26	81.91 1.94 -50.02	83.55 1.70 -55.71	71.86 2.25 -34.76	57.71 2.73 -14.97	72.61 3.02 -27.01	75.34 4.05 -10.27	75.58 3.22 -21.93	90.41 2.74 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT3_6 24127	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.17 -55.16	109.40 1.45 -84.74	107.56 1.54 -81.99	107.54 1.37 -89.37	107.70 1.96 -80.85	102.08 2.10 -71.26	81.91 1.94 -50.02	83.55 1.70 -55.71	71.86 2.25 -34.76	57.71 2.73 -14.97	72.61 3.02 -27.01	75.34 4.05 -10.27	75.58 3.22 -21.93	90.41 2.74 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT3_7 24128	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.17 -55.16	109.40 1.45 -84.74	107.56 1.54 -81.99	107.54 1.37 -89.37	107.70 1.96 -80.85	102.08 2.10 -71.26	81.91 1.94 -50.02	83.55 1.70 -55.71	71.86 2.25 -34.76	57.71 2.73 -14.97	72.61 3.02 -27.01	75.34 4.05 -10.27	75.58 3.22 -21.93	90.41 2.74 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT3_8 24129	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.17 -55.16	109.40 1.45 -84.74	107.56 1.54 -81.99	107.54 1.37 -89.37	107.70 1.96 -80.85	102.08 2.10 -71.26	81.91 1.94 -50.02	83.55 1.70 -55.71	71.86 2.25 -34.76	57.71 2.73 -14.97	72.61 3.02 -27.01	75.34 4.05 -10.27	75.58 3.22 -21.93	90.41 2.74 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT4_1 24130	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT4_2 24131	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07

GOWANUS_GT4_3 24132	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT4_4 24133	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT4_5 24134	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT4_6 24135	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT4_7 24136	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GOWANUS_GT4_8 24137	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GREENBSH_115KV_TB3 55895	51.89 0.61 0.00	46.38 0.66 0.00	40.66 0.59 0.00	42.87 0.61 0.00	52.68 0.44 0.00	61.30 0.28 0.00	221.10 -0.57 0.00	107.91 -0.28 0.00	52.31 0.10 0.00	23.32 0.10 0.00	29.86 0.18 -5.65	18.43 0.39 -1.25	25.95 0.56 -0.49	29.11 0.40 0.00	30.15 0.21 0.00	26.32 0.19 0.00	35.07 0.22 0.00	40.56 0.55 0.00	43.02 0.43 0.00	61.49 0.46 0.00	50.68 0.25 0.00	48.98 0.05 0.00	53.95 -0.01 0.00	46.54 0.05 0.00
GREENDGE_115KV_TB5 80291	51.81 0.53 0.00	46.25 0.53 0.00	40.62 0.56 0.00	42.78 0.52 0.00	52.72 0.47 0.00	61.35 0.33 0.00	222.51 0.85 0.00	108.38 0.19 0.00	51.96 -0.25 0.00	23.33 0.11 0.00	24.95 0.05 -0.87	17.12 0.13 -0.19	24.99 0.01 -0.08	28.94 0.22 0.00	30.00 0.06 0.00	26.28 0.15 0.00	34.94 0.09 0.00	40.52 0.51 0.00	43.34 0.75 0.00	61.69 0.67 0.00	51.22 0.80 0.00	49.71 0.78 0.00	54.67 0.72 0.00	47.31 0.82 0.00
GREENIDGE___3 23582	51.81 0.53 0.00	46.25 0.53 0.00	40.62 0.56 0.00	42.78 0.52 0.00	52.72 0.47 0.00	61.35 0.33 0.00	222.51 0.85 0.00	108.38 0.19 0.00	51.96 -0.25 0.00	23.33 0.11 0.00	24.95 0.05 -0.87	17.12 0.13 -0.19	24.99 0.01 -0.08	28.94 0.22 0.00	30.00 0.06 0.00	26.28 0.15 0.00	34.94 0.09 0.00	40.52 0.51 0.00	43.34 0.75 0.00	61.69 0.67 0.00	51.22 0.80 0.00	49.71 0.78 0.00	54.67 0.72 0.00	47.31 0.82 0.00
GREENIDGE___4 23583	51.82 0.53 0.00	46.24 0.52 0.00	40.62 0.55 0.00	42.78 0.52 0.00	52.73 0.49 0.00	61.35 0.33 0.00	222.52 0.85 0.00	108.38 0.19 0.00	51.97 -0.25 0.00	23.33 0.11 0.00	24.95 0.05 -0.87	17.11 0.13 -0.19	24.99 0.01 -0.08	28.94 0.23 0.00	30.00 0.06 0.00	26.28 0.15 0.00	34.94 0.09 0.00	40.53 0.52 0.00	43.34 0.75 0.00	61.70 0.67 0.00	51.22 0.79 0.00	49.69 0.77 0.00	54.66 0.70 0.00	47.31 0.82 0.00
GREENLWN_69_KV_BK 3 55738	58.58 2.46 -4.84	51.06 2.28 -3.05	42.23 1.88 -0.28	44.11 1.85 0.00	54.46 2.22 0.00	63.47 2.45 0.00	226.66 7.84 2.84	114.07 4.72 -1.17	58.00 2.83 -2.97	28.53 1.34 -3.97	32.12 1.45 -6.64	17.13 1.23 0.89	25.36 1.67 1.22	30.37 1.84 0.18	30.99 1.74 0.69	27.13 1.57 0.57	35.75 1.95 1.04	43.17 2.13 -1.05	47.47 2.25 -2.63	70.10 3.00 -6.07	59.40 2.33 -6.64	56.36 1.95 -5.48	60.98 2.11 -4.92	60.23 1.88 -11.86
GREENWD_138_KV_38B11_REV_LBMP_J 345004	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07
GRISSOM___SOLAR 323813	54.05 2.77 0.00	48.19 2.47 0.00	42.23 2.17 0.00	44.54 2.28 0.00	55.14 2.90 0.00	64.64 3.62 0.00	236.19 14.53 0.00	114.16 5.97 0.00	53.56 1.34 0.00	23.35 0.13 0.00	30.30 0.07 -6.20	18.38 0.22 -1.37	25.81 0.37 -0.54	28.83 0.11 0.00	30.02 0.07 0.00	26.30 0.17 0.00	34.87 0.02 0.00	40.58 0.57 0.00	44.57 1.98 0.00	65.03 4.00 0.00	53.90 3.47 0.00	52.07 3.14 0.00	57.28 3.33 0.00	49.23 2.74 0.00
GROVEVILLE___HYD 323602	53.63 2.35 0.00	47.71 1.99 0.00	41.81 1.74 0.00	44.13 1.87 0.00	54.36 2.12 0.00	63.54 2.52 0.00	231.02 9.35 0.00	113.30 5.12 0.00	54.75 2.54 0.00	24.34 1.12 0.00	29.95 1.16 -4.76	18.97 1.13 -1.05	26.92 1.60 -0.42	30.39 1.67 0.00	31.48 1.54 0.00	27.49 1.36 0.00	36.69 1.85 0.00	42.36 2.35 0.00	45.19 2.60 0.00	64.56 3.54 0.00	53.13 2.71 0.00	51.26 2.34 0.00	56.33 2.37 0.00	48.34 1.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.46 0.18 0.00	45.85 0.13 0.00	40.18 0.11 0.00	42.37 0.11 0.00	52.26 0.02 0.00	61.13 0.11 0.00	222.91 1.25 0.00	108.63 0.44 0.00	52.14 -0.07 0.00	23.21 -0.01 0.00	24.47 0.00 -0.45	16.97 0.08 -0.10	25.05 0.11 -0.04	28.81 0.10 0.00	29.97 0.03 0.00	25.72 0.03 0.45	33.90 0.04 0.99	39.83 0.17 0.35	42.87 0.27 0.00	61.33 0.30 0.00	50.76 0.34 0.00	49.18 0.25 0.00	54.11 0.16 0.00	46.59 0.10 0.00

HAMLTNNY_34_KV_TB 80303	51.65 0.37 0.00	46.04 0.33 0.00	40.32 0.25 0.00	42.55 0.29 0.00	52.47 0.23 0.00	61.42 0.40 0.00	224.07 2.41 0.00	109.18 0.99 0.00	52.32 0.11 0.00	23.25 0.03 0.00	24.56 0.05 -0.48	17.00 0.10 -0.11	25.10 0.16 -0.04	28.87 0.15 0.00	30.03 0.09 0.00	25.84 0.11 0.40	34.08 0.12 0.88	39.99 0.30 0.31	43.02 0.43 0.00	61.52 0.50 0.00	50.92 0.50 0.00	49.33 0.40 0.00	54.25 0.29 0.00	46.74 0.25 0.00
HAMPSHIRE___PAPER_HYD 323593	50.12 -1.16 0.00	44.72 -1.00 0.00	39.37 -0.69 0.00	41.63 -0.63 0.00	51.92 -0.32 0.00	60.93 -0.09 0.00	222.07 0.41 0.00	108.10 -0.09 0.00	51.84 -0.37 0.00	22.70 -0.52 0.00	23.42 -0.77 -0.16	15.64 -1.18 -0.04	22.75 -2.17 -0.01	25.94 -2.78 0.00	26.39 -3.55 0.00	8.75 -3.40 13.99	-0.50 -4.20 31.15	25.68 -3.25 11.08	41.15 -1.44 0.00	59.88 -1.14 0.00	49.83 -0.60 0.00	48.53 -0.40 0.00	53.62 -0.33 0.00	46.23 -0.25 0.00
HARDSCRABBLE_WT_PWR 323673	50.45 -0.83 0.00	45.14 -0.58 0.00	39.77 -0.30 0.00	42.01 -0.26 0.00	51.69 -0.55 0.00	60.66 -0.36 0.00	220.32 -1.34 0.00	107.16 -1.03 0.00	50.95 -1.26 0.00	22.41 -0.80 0.00	23.06 -0.97 0.00	16.43 -0.37 0.00	24.38 -0.52 0.00	27.79 -0.92 0.00	28.90 -1.04 0.00	25.30 -0.83 0.00	33.69 -1.16 0.00	39.48 -0.52 0.00	42.75 0.16 0.00	61.91 0.88 0.00	51.09 0.67 0.00	49.25 0.32 0.00	53.94 -0.01 0.00	46.26 -0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.11 1.83 0.00	47.23 1.51 0.00	41.43 1.36 0.00	43.76 1.50 0.00	53.89 1.65 0.00	62.95 1.93 0.00	228.65 6.99 0.00	112.20 4.01 0.00	54.22 2.01 0.00	24.14 0.92 0.00	29.55 0.97 -4.55	18.82 1.02 -1.01	26.73 1.43 -0.40	30.21 1.49 0.00	31.31 1.36 0.00	27.35 1.22 0.00	36.48 1.64 0.00	42.04 2.03 0.00	44.84 2.24 0.00	64.02 3.00 0.00	52.69 2.27 0.00	50.86 1.94 0.00	55.95 2.00 0.00	48.01 1.52 0.00
HARSNRAD_115KV_TB1 81005	49.04 -2.24 0.00	43.74 -1.98 0.00	38.20 -1.86 0.00	40.17 -2.09 0.00	49.61 -2.63 0.00	57.90 -3.12 0.00	213.20 -8.46 0.00	102.87 -5.32 0.00	48.96 -3.25 0.00	22.18 -1.04 0.00	23.70 -1.01 -0.68	16.38 -0.56 -0.15	24.20 -0.76 -0.06	27.91 -0.80 0.00	29.01 -0.93 0.00	25.52 -0.61 0.00	33.95 -0.89 0.00	38.76 -1.25 0.00	40.82 -1.77 0.00	57.29 -3.73 0.00	47.78 -2.65 0.00	46.61 -2.32 0.00	51.69 -2.27 0.00	44.75 -1.73 0.00
HARZA MOOSE___RIVER 24016	51.67 0.39 0.00	46.16 0.44 0.00	40.66 0.59 0.00	42.98 0.72 0.00	53.32 1.09 0.00	62.63 1.61 0.00	228.84 7.18 0.00	111.42 3.23 0.00	53.30 1.09 0.00	23.45 0.23 0.00	24.25 0.05 -0.17	16.58 -0.24 -0.04	24.36 -0.55 -0.02	27.93 -0.78 0.00	28.92 -1.02 0.00	21.66 -0.84 3.63	25.74 -1.03 8.08	36.46 -0.68 2.87	42.93 0.34 0.00	62.38 1.35 0.00	51.70 1.27 0.00	50.03 1.10 0.00	55.17 1.22 0.00	47.48 0.99 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	51.12 -0.16 0.00	45.55 -0.17 0.00	39.92 -0.14 0.00	42.08 -0.18 0.00	51.95 -0.29 0.00	60.73 -0.29 0.00	221.42 -0.25 0.00	107.97 -0.21 0.00	51.86 -0.35 0.00	23.10 -0.12 0.00	24.33 -0.11 -0.41	16.90 0.02 -0.09	24.96 0.02 -0.04	28.72 0.00 0.00	29.86 -0.08 0.00	25.60 -0.05 0.49	33.68 -0.08 1.09	39.62 0.00 0.39	42.63 0.04 0.00	60.97 -0.05 0.00	50.43 0.01 0.00	48.87 -0.06 0.00	53.81 -0.14 0.00	46.32 -0.17 0.00
HELLGATE_13_KV_LD 55870	53.98 2.70 0.00	47.98 2.27 0.00	42.00 1.93 0.00	44.38 2.11 0.00	54.67 2.43 0.00	63.91 2.89 0.00	232.29 10.63 0.00	114.73 6.43 -0.11	110.81 3.44 -55.16	109.56 1.60 -84.74	107.73 1.71 -81.99	107.66 1.49 -89.37	107.84 2.09 -80.85	102.24 2.26 -71.26	82.12 2.15 -50.02	83.72 1.88 -55.71	72.05 2.44 -34.76	57.88 2.89 -14.97	48.70 3.22 -2.89	65.36 4.34 0.00	53.83 3.41 0.00	51.83 2.90 0.00	57.40 3.03 -0.41	49.97 2.43 -1.05
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.98 2.70 0.00	47.98 2.27 0.00	42.00 1.93 0.00	44.38 2.11 0.00	54.67 2.43 0.00	63.91 2.89 0.00	232.29 10.63 0.00	114.73 6.43 -0.11	110.81 3.44 -55.16	109.56 1.60 -84.74	107.73 1.71 -81.99	107.66 1.49 -89.37	107.84 2.09 -80.85	102.24 2.26 -71.26	82.12 2.15 -50.02	83.72 1.88 -55.71	72.05 2.44 -34.76	57.88 2.89 -14.97	48.70 3.22 -2.89	65.36 4.34 0.00	53.83 3.41 0.00	51.83 2.90 0.00	57.40 3.03 -0.41	49.97 2.43 -1.05
HEMPSTEAD____ 23647	68.29 2.24 -14.77	61.43 2.07 -13.64	43.02 1.68 -1.27	44.00 1.72 -0.01	54.24 2.00 0.00	63.19 2.17 0.00	228.59 7.20 0.27	114.50 4.60 -1.72	63.43 2.62 -8.60	42.20 1.25 -17.73	39.75 1.36 -14.37	25.94 1.20 -7.95	32.75 1.67 -6.18	31.16 1.80 -0.65	35.57 1.71 -3.92	34.66 1.56 -6.97	40.75 2.00 -3.91	50.57 2.26 -8.30	56.40 2.49 -11.31	83.85 3.46 -19.37	82.54 2.74 -29.37	77.53 2.33 -26.27	74.99 2.43 -18.60	70.42 2.04 -21.89
HEWLETT_69_KV_BK3 55828	88.78 2.88 -34.61	85.22 2.59 -36.91	45.66 2.15 -3.45	44.48 2.17 -0.04	54.83 2.59 0.00	63.89 2.87 0.00	236.09 9.57 -4.85	115.87 5.80 -1.88	72.41 3.22 -16.98	72.71 1.51 -47.98	57.39 1.62 -31.75	50.29 1.39 -32.10	53.23 1.96 -26.37	33.78 2.15 -2.91	48.18 2.06 -16.17	54.43 1.87 -26.44	54.61 2.39 -17.38	71.53 2.70 -28.81	79.70 3.02 -34.09	116.78 4.19 -51.56	142.52 3.37 -88.72	133.36 2.92 -81.52	111.37 3.08 -54.34	84.42 2.56 -35.38
HICKLING___1 23621	51.80 0.52 0.00	46.27 0.55 0.00	40.75 0.69 0.00	42.85 0.59 0.00	52.79 0.56 0.00	61.62 0.60 0.00	225.64 3.97 0.00	109.78 1.59 0.00	52.15 -0.07 0.00	23.44 0.22 0.00	25.44 0.30 -1.11	17.40 0.36 -0.25	25.46 0.46 -0.10	29.31 0.60 0.00	30.40 0.46 0.00	26.56 0.43 0.00	35.34 0.49 0.00	40.82 0.81 0.00	43.48 0.89 0.00	61.96 0.94 0.00	51.47 1.04 0.00	50.03 1.10 0.00	55.12 1.16 0.00	47.47 0.98 0.00
HICKLING___2 23622	51.80 0.52 0.00	46.27 0.55 0.00	40.75 0.69 0.00	42.85 0.59 0.00	52.79 0.56 0.00	61.62 0.60 0.00	225.64 3.97 0.00	109.78 1.59 0.00	52.15 -0.07 0.00	23.44 0.22 0.00	25.44 0.30 -1.11	17.40 0.36 -0.25	25.46 0.46 -0.10	29.31 0.60 0.00	30.40 0.46 0.00	26.56 0.43 0.00	35.34 0.49 0.00	40.82 0.81 0.00	43.48 0.89 0.00	61.96 0.94 0.00	51.47 1.04 0.00	50.03 1.10 0.00	55.12 1.16 0.00	47.47 0.98 0.00
HIGH FALLS___HY 23754	53.83 2.55 0.00	47.91 2.19 0.00	42.01 1.94 0.00	44.36 2.09 0.00	54.68 2.44 0.00	63.96 2.94 0.00	232.81 11.15 0.00	114.32 6.13 0.00	55.17 2.96 0.00	24.46 1.24 0.00	29.99 1.19 -4.77	19.01 1.16 -1.05	26.96 1.64 -0.42	30.44 1.72 0.00	31.51 1.57 0.00	27.51 1.38 0.00	36.72 1.87 0.00	42.44 2.43 0.00	45.41 2.82 0.00	65.00 3.98 0.00	53.52 3.09 0.00	51.67 2.74 0.00	56.77 2.82 0.00	48.67 2.18 0.00
HIGH_RIVER___SOLAR 323847	53.07 1.79 0.00	47.31 1.59 0.00	41.46 1.40 0.00	43.74 1.48 0.00	54.02 1.78 0.00	63.20 2.19 0.00	230.03 8.36 0.00	111.76 3.57 0.00	53.20 0.98 0.00	23.30 0.08 0.00	30.09 0.05 -6.01	18.36 0.24 -1.33	25.76 0.33 -0.52	28.88 0.17 0.00	29.94 0.00 0.00	26.15 0.02 0.00	34.88 0.04 0.00	40.63 0.62 0.00	43.99 1.40 0.00	63.54 2.52 0.00	52.51 2.08 0.00	50.78 1.85 0.00	55.91 1.96 0.00	48.10 1.61 0.00

HILLBURN___GT 23639	52.89 1.60 0.00	47.03 1.31 0.00	41.25 1.18 0.00	43.60 1.33 0.00	53.68 1.45 0.00	62.67 1.66 0.00	227.55 5.89 0.00	111.76 3.57 0.00	54.06 1.85 0.00	24.09 0.86 0.00	29.56 0.94 -4.59	18.80 1.00 -1.01	26.69 1.39 -0.40	30.17 1.45 0.00	31.27 1.33 0.00	27.32 1.18 0.00	36.41 1.56 0.00	41.89 1.89 0.00	44.65 2.05 0.00	63.75 2.73 0.00	52.47 2.04 0.00	50.64 1.71 0.00	55.74 1.79 0.00	47.82 1.34 0.00
HILLSIDE_115KV_TB1 80332	51.43 0.15 0.00	45.91 0.19 0.00	40.43 0.37 0.00	42.51 0.25 0.00	52.31 0.07 0.00	60.98 -0.04 0.00	222.68 1.02 0.00	108.57 0.38 0.00	51.67 -0.55 0.00	23.32 0.10 0.00	25.37 0.19 -1.15	17.36 0.31 -0.25	25.36 0.35 -0.10	29.21 0.50 0.00	30.28 0.34 0.00	26.46 0.33 0.00	35.18 0.34 0.00	40.54 0.53 0.00	43.03 0.43 0.00	61.27 0.25 0.00	50.88 0.45 0.00	49.45 0.52 0.00	54.47 0.52 0.00	46.91 0.43 0.00
HISHELDN_WT_PWR 323625	49.24 -2.04 0.00	44.04 -1.68 0.00	38.67 -1.39 0.00	40.71 -1.55 0.00	50.36 -1.88 0.00	58.81 -2.21 0.00	216.26 -5.40 0.00	104.43 -3.76 0.00	49.50 -2.72 0.00	22.23 -0.99 0.00	23.88 -0.98 -0.83	16.40 -0.58 -0.18	24.23 -0.75 -0.07	27.87 -0.84 0.00	28.96 -0.99 0.00	25.40 -0.73 0.00	33.71 -1.14 0.00	38.88 -1.13 0.00	41.45 -1.14 0.00	58.70 -2.33 0.00	48.96 -1.47 0.00	47.73 -1.20 0.00	52.77 -1.18 0.00	45.65 -0.83 0.00
HOLTSVILLE_IC_1 23690	57.82 2.40 -4.14	50.27 2.27 -2.28	42.07 1.80 -0.21	43.98 1.72 0.00	54.46 2.22 0.00	63.36 2.34 0.00	225.60 6.92 2.98	113.92 4.60 -1.13	57.72 2.91 -2.61	27.52 1.34 -2.96	31.54 1.44 -6.07	16.37 1.13 1.55	24.63 1.49 1.76	30.16 1.70 0.24	30.51 1.59 1.03	26.59 1.59 1.13	35.34 1.90 1.41	42.36 1.85 -0.50	47.29 2.71 -1.98	70.01 3.90 -5.09	58.60 3.21 -4.96	55.90 2.74 -4.23	61.08 2.91 -4.22	60.42 2.59 -11.34
HOLTSVILLE_IC_10 23699	58.31 2.64 -4.38	50.74 2.47 -2.55	42.29 1.98 -0.23	44.15 1.90 0.00	54.71 2.47 0.00	63.67 2.65 0.00	226.93 8.19 2.92	114.57 5.25 -1.14	58.12 3.18 -2.73	27.99 1.45 -3.31	31.84 1.55 -6.27	16.67 1.19 1.31	24.90 1.56 1.56	30.27 1.78 0.22	30.72 1.68 0.90	26.88 1.67 0.93	35.61 2.03 1.27	42.70 1.99 -0.70	47.76 2.96 -2.21	70.70 4.24 -5.43	59.49 3.51 -5.56	56.65 3.04 -4.69	61.62 3.19 -4.48	60.81 2.81 -11.51
HOLTSVILLE_IC_2 23691	57.82 2.40 -4.14	50.27 2.27 -2.28	42.07 1.80 -0.21	43.98 1.72 0.00	54.46 2.22 0.00	63.36 2.34 0.00	225.60 6.92 2.98	113.92 4.60 -1.13	57.72 2.91 -2.61	27.52 1.34 -2.96	31.54 1.44 -6.07	16.37 1.13 1.55	24.63 1.49 1.76	30.16 1.70 0.24	30.51 1.59 1.03	26.59 1.59 1.13	35.34 1.90 1.41	42.36 1.85 -0.50	47.29 2.71 -1.98	70.01 3.90 -5.09	58.60 3.21 -4.96	55.90 2.74 -4.23	61.08 2.91 -4.22	60.42 2.59 -11.34
HOLTSVILLE_IC_3 23692	57.82 2.40 -4.14	50.27 2.27 -2.28	42.07 1.80 -0.21	43.98 1.72 0.00	54.46 2.22 0.00	63.36 2.34 0.00	225.60 6.92 2.98	113.92 4.60 -1.13	57.72 2.91 -2.61	27.52 1.34 -2.96	31.54 1.44 -6.07	16.37 1.13 1.55	24.63 1.49 1.76	30.16 1.70 0.24	30.51 1.59 1.03	26.59 1.59 1.13	35.34 1.90 1.41	42.36 1.85 -0.50	47.29 2.71 -1.98	70.01 3.90 -5.09	58.60 3.21 -4.96	55.90 2.74 -4.23	61.08 2.91 -4.22	60.42 2.59 -11.34
HOLTSVILLE_IC_4 23693	57.82 2.40 -4.14	50.27 2.27 -2.28	42.07 1.80 -0.21	43.98 1.72 0.00	54.46 2.22 0.00	63.36 2.34 0.00	225.60 6.92 2.98	113.92 4.60 -1.13	57.72 2.91 -2.61	27.52 1.34 -2.96	31.54 1.44 -6.07	16.37 1.13 1.55	24.63 1.49 1.76	30.16 1.70 0.24	30.51 1.59 1.03	26.59 1.59 1.13	35.34 1.90 1.41	42.36 1.85 -0.50	47.29 2.71 -1.98	70.01 3.90 -5.09	58.60 3.21 -4.96	55.90 2.74 -4.23	61.08 2.91 -4.22	60.42 2.59 -11.34
HOLTSVILLE_IC_5 23694	57.82 2.40 -4.14	50.27 2.27 -2.28	42.07 1.80 -0.21	43.98 1.72 0.00	54.46 2.22 0.00	63.36 2.34 0.00	225.60 6.92 2.98	113.92 4.60 -1.13	57.72 2.91 -2.61	27.52 1.34 -2.96	31.54 1.44 -6.07	16.37 1.13 1.55	24.63 1.49 1.76	30.16 1.70 0.24	30.51 1.59 1.03	26.59 1.59 1.13	35.34 1.90 1.41	42.36 1.85 -0.50	47.29 2.71 -1.98	70.01 3.90 -5.09	58.60 3.21 -4.96	55.90 2.74 -4.23	61.08 2.91 -4.22	60.42 2.59 -11.34
HOLTSVILLE_IC_6 23695	58.31 2.64 -4.38	50.74 2.47 -2.55	42.29 1.98 -0.23	44.15 1.90 0.00	54.71 2.47 0.00	63.67 2.65 0.00	226.93 8.19 2.92	114.57 5.25 -1.14	58.12 3.18 -2.73	27.99 1.45 -3.31	31.84 1.55 -6.27	16.67 1.19 1.31	24.90 1.56 1.56	30.27 1.78 0.22	30.72 1.68 0.90	26.88 1.67 0.93	35.61 2.03 1.27	42.70 1.99 -0.70	47.76 2.96 -2.21	70.70 4.24 -5.43	59.49 3.51 -5.56	56.65 3.04 -4.69	61.62 3.19 -4.48	60.81 2.81 -11.51
HOLTSVILLE_IC_7 23696	58.31 2.64 -4.38	50.74 2.47 -2.55	42.29 1.98 -0.23	44.15 1.90 0.00	54.71 2.47 0.00	63.67 2.65 0.00	226.93 8.19 2.92	114.57 5.25 -1.14	58.12 3.18 -2.73	27.99 1.45 -3.31	31.84 1.55 -6.27	16.67 1.19 1.31	24.90 1.56 1.56	30.27 1.78 0.22	30.72 1.68 0.90	26.88 1.67 0.93	35.61 2.03 1.27	42.70 1.99 -0.70	47.76 2.96 -2.21	70.70 4.24 -5.43	59.49 3.51 -5.56	56.65 3.04 -4.69	61.62 3.19 -4.48	60.81 2.81 -11.51
HOLTSVILLE_IC_8 23697	58.31 2.64 -4.38	50.74 2.47 -2.55	42.29 1.98 -0.23	44.15 1.90 0.00	54.71 2.47 0.00	63.67 2.65 0.00	226.93 8.19 2.92	114.57 5.25 -1.14	58.12 3.18 -2.73	27.99 1.45 -3.31	31.84 1.55 -6.27	16.67 1.19 1.31	24.90 1.56 1.56	30.27 1.78 0.22	30.72 1.68 0.90	26.88 1.67 0.93	35.61 2.03 1.27	42.70 1.99 -0.70	47.76 2.96 -2.21	70.70 4.24 -5.43	59.49 3.51 -5.56	56.65 3.04 -4.69	61.62 3.19 -4.48	60.81 2.81 -11.51
HOLTSVILLE_IC_9 23698	58.31 2.64 -4.38	50.74 2.47 -2.55	42.29 1.98 -0.23	44.15 1.90 0.00	54.71 2.47 0.00	63.67 2.65 0.00	226.93 8.19 2.92	114.57 5.25 -1.14	58.12 3.18 -2.73	27.99 1.45 -3.31	31.84 1.55 -6.27	16.67 1.19 1.31	24.90 1.56 1.56	30.27 1.78 0.22	30.72 1.68 0.90	26.88 1.67 0.93	35.61 2.03 1.27	42.70 1.99 -0.70	47.76 2.96 -2.21	70.70 4.24 -5.43	59.49 3.51 -5.56	56.65 3.04 -4.69	61.62 3.19 -4.48	60.81 2.81 -11.51
HOMER_HL_115KV_TB2 355744	52.17 0.89 0.00	46.63 0.91 0.00	40.91 0.84 0.00	43.01 0.75 0.00	52.80 0.56 0.00	61.14 0.12 0.00	224.44 2.78 0.00	108.82 0.63 0.00	51.77 -0.45 0.00	23.61 0.39 0.00	25.49 0.62 -0.84	17.59 0.61 -0.19	25.81 0.84 -0.07	29.74 1.03 0.00	30.89 0.94 0.00	27.05 0.92 0.00	36.05 1.20 0.00	41.66 1.65 0.00	43.73 1.14 0.00	61.64 0.61 0.00	51.33 0.91 0.00	49.95 1.03 0.00	55.41 1.45 0.00	47.82 1.33 0.00
HOWARD_WT_PWR 323690	50.02 -1.27 0.00	45.12 -0.60 0.00	39.81 -0.26 0.00	41.90 -0.36 0.00	51.87 -0.37 0.00	60.80 -0.22 0.00	224.05 2.38 0.00	108.64 0.46 0.00	51.43 -0.78 0.00	22.87 -0.35 0.00	24.62 -0.34 -0.93	16.78 -0.22 -0.21	24.78 -0.20 -0.08	28.51 -0.20 0.00	29.56 -0.38 0.00	25.79 -0.34 0.00	34.19 -0.66 0.00	39.72 -0.29 0.00	42.91 0.32 0.00	61.29 0.27 0.00	51.34 0.91 0.00	50.03 1.10 0.00	55.03 1.08 0.00	47.49 1.00 0.00

HQ_GEN_CEDARS 23644	51.39 0.11 0.00	45.79 0.07 0.00	40.11 0.04 0.00	42.33 0.06 0.00	52.79 0.55 0.00	61.64 0.62 0.00	222.78 1.11 0.00	108.68 0.49 0.00	52.75 0.54 0.00	23.36 0.14 0.00	24.19 0.06 -0.10	16.04 -0.78 -0.02	23.22 -1.69 -0.01	26.27 -2.45 0.00	26.20 -3.74 0.00	-2.19 -3.80 24.52	-24.13 -4.37 54.61	17.98 -2.61 19.42	42.02 -0.57 0.00	60.19 -0.83 0.00	50.05 -0.37 0.00	49.14 0.21 0.00	54.38 0.43 0.00	47.00 0.51 0.00
HQ_GEN_CEDARS_PROXY 323590	51.39 0.11 0.00	45.79 0.07 0.00	40.11 0.04 0.00	42.33 0.06 0.00	52.79 0.55 0.00	61.64 0.62 0.00	222.79 1.12 0.00	108.69 0.50 0.00	52.75 0.54 0.00	23.06 0.14 0.30	24.20 0.07 -0.10	16.04 -0.78 -0.02	23.22 -1.69 -0.01	26.27 -2.45 0.00	26.20 -3.74 0.00	-2.23 -3.84 24.52	-24.19 -4.43 54.61	17.95 -2.64 19.42	42.02 -0.57 0.00	60.19 -0.83 0.00	50.05 -0.37 0.00	49.14 0.21 0.00	54.38 0.43 0.00	47.00 0.51 0.00
HQ_GEN_IMPORT 323601	51.07 -0.21 0.00	45.54 -0.18 0.00	39.88 -0.18 0.00	42.07 -0.19 0.00	52.26 0.02 0.00	61.05 0.03 0.00	221.81 0.14 0.00	108.22 0.04 0.00	35.13 0.09 17.17	23.22 0.00 0.00	24.08 -0.04 -0.09	15.90 -0.91 -0.02	23.02 -1.89 -0.01	26.03 -2.69 0.00	25.92 -4.02 0.00	-4.42 -4.07 26.48	-28.83 -4.71 58.96	14.03 -2.71 23.27	42.05 -0.54 0.00	49.49 -0.59 10.94	50.08 -0.35 0.00	48.80 -0.12 0.00	53.93 -0.03 0.00	46.55 0.06 0.00
HQ_GEN_WHEEL 23651	51.07 -0.21 0.00	45.54 -0.18 0.00	39.88 -0.18 0.00	42.07 -0.19 0.00	52.26 0.02 0.00	61.05 0.03 0.00	221.81 0.14 0.00	108.22 0.04 0.00	35.13 0.09 17.17	23.22 0.00 0.00	24.08 -0.04 -0.09	15.90 -0.91 -0.02	23.02 -1.89 -0.01	26.03 -2.69 0.00	25.92 -4.02 0.00	-4.42 -4.07 26.48	-28.83 -4.71 58.96	14.03 -2.71 23.27	42.05 -0.54 0.00	49.49 -0.59 10.94	50.08 -0.35 0.00	48.80 -0.12 0.00	53.93 -0.03 0.00	46.55 0.06 0.00
HUDSON AVE_GT_3 23810	53.64 2.35 0.00	47.68 1.96 0.00	41.74 1.67 0.00	44.10 1.83 0.00	54.32 2.08 0.00	63.51 2.49 0.00	230.85 9.19 0.00	113.60 5.41 0.00	55.14 2.93 0.00	24.59 1.37 0.00	30.27 1.47 -4.77	19.16 1.31 -1.06	27.14 1.82 -0.42	30.66 1.95 0.00	31.77 1.82 0.00	27.73 1.60 0.00	36.94 2.09 0.00	42.55 2.54 0.00	45.49 2.90 0.00	64.88 3.85 0.00	53.44 3.01 0.00	51.41 2.48 0.00	56.47 2.52 0.00	48.48 1.99 0.00
HUDSON AVE_GT_4 23540	53.64 2.35 0.00	47.68 1.96 0.00	41.74 1.67 0.00	44.10 1.83 0.00	54.32 2.08 0.00	63.51 2.49 0.00	230.85 9.19 0.00	113.60 5.41 0.00	55.14 2.93 0.00	24.59 1.37 0.00	30.27 1.47 -4.77	19.16 1.31 -1.06	27.14 1.82 -0.42	30.66 1.95 0.00	31.77 1.82 0.00	27.73 1.60 0.00	36.94 2.09 0.00	42.55 2.54 0.00	45.49 2.90 0.00	64.88 3.85 0.00	53.44 3.01 0.00	51.41 2.48 0.00	56.47 2.52 0.00	48.48 1.99 0.00
HUDSON AVE_GT_5 23657	53.64 2.35 0.00	47.68 1.96 0.00	41.74 1.67 0.00	44.10 1.83 0.00	54.32 2.08 0.00	63.51 2.49 0.00	230.85 9.19 0.00	113.60 5.41 0.00	55.14 2.93 0.00	24.59 1.37 0.00	30.27 1.47 -4.77	19.16 1.31 -1.06	27.14 1.82 -0.42	30.66 1.95 0.00	31.77 1.82 0.00	27.73 1.60 0.00	36.94 2.09 0.00	42.55 2.54 0.00	45.49 2.90 0.00	64.88 3.85 0.00	53.44 3.01 0.00	51.41 2.48 0.00	56.47 2.52 0.00	48.48 1.99 0.00
HUDSON_AVE_10 24168	47.62 2.03 5.69	30.36 1.67 17.02	-15.23 1.40 56.70	43.82 1.57 0.01	53.98 1.75 0.02	63.10 2.10 0.02	230.82 7.71 -1.44	112.88 4.70 0.00	55.71 2.57 -0.93	24.43 1.21 0.00	30.13 1.33 -4.77	19.07 1.23 -1.06	27.00 1.69 -0.42	30.53 1.81 0.00	31.62 1.68 0.00	27.60 1.47 0.00	36.76 1.91 0.00	42.34 2.33 0.00	45.27 2.67 0.00	64.57 3.55 0.00	53.32 2.74 -0.15	51.59 2.24 -0.42	56.21 2.26 0.00	48.23 1.74 0.00
HUDSON___115KV_TB 4 355613	53.01 1.73 0.00	47.35 1.63 0.00	41.50 1.44 0.00	43.76 1.50 0.00	53.83 1.59 0.00	62.76 1.74 0.00	227.31 5.64 0.00	110.70 2.51 0.00	53.28 1.06 0.00	23.62 0.40 0.00	29.92 0.35 -5.55	18.50 0.48 -1.23	26.07 0.68 -0.48	29.22 0.50 0.00	30.31 0.37 0.00	26.45 0.31 0.00	35.29 0.43 0.00	40.92 0.92 0.00	43.67 1.08 0.00	62.86 1.84 0.00	51.91 1.49 0.00	50.15 1.22 0.00	55.18 1.22 0.00	47.54 1.05 0.00
HUNTER MOUNT___DRP 323613	53.25 1.97 0.00	47.58 1.86 0.00	41.68 1.62 0.00	43.96 1.69 0.00	54.10 1.86 0.00	63.08 2.06 0.00	228.69 7.02 0.00	111.26 3.08 0.00	53.54 1.33 0.00	23.66 0.44 0.00	29.83 0.37 -5.43	18.48 0.49 -1.20	26.08 0.70 -0.47	29.22 0.51 0.00	30.33 0.38 0.00	26.47 0.34 0.00	35.29 0.44 0.00	41.04 1.03 0.00	43.84 1.25 0.00	63.14 2.12 0.00	52.16 1.74 0.00	50.40 1.47 0.00	55.41 1.46 0.00	47.74 1.25 0.00
HUNTINGTON_RES_REC 323705	58.23 2.48 -4.47	50.69 2.32 -2.65	42.16 1.85 -0.24	44.08 1.82 0.00	54.52 2.28 0.00	63.51 2.49 0.00	226.35 7.59 2.90	114.16 4.83 -1.15	57.91 2.92 -2.79	28.02 1.36 -3.44	31.80 1.43 -6.34	16.72 1.17 1.24	24.96 1.56 1.50	30.24 1.73 0.21	30.71 1.63 0.87	26.82 1.55 0.86	35.52 1.90 1.24	42.77 2.00 -0.76	47.36 2.48 -2.29	70.05 3.46 -5.56	58.98 2.78 -5.77	56.09 2.37 -4.79	60.99 2.52 -4.51	60.29 2.24 -11.56
HUNTLEY___63 23557	49.62 -1.66 0.00	44.24 -1.48 0.00	38.63 -1.44 0.00	40.63 -1.63 0.00	50.15 -2.09 0.00	58.56 -2.46 0.00	215.57 -6.10 0.00	104.05 -4.14 0.00	49.61 -2.61 0.00	22.51 -0.71 0.00	24.06 -0.66 -0.70	16.63 -0.32 -0.15	24.55 -0.41 -0.06	28.35 -0.36 0.00	29.48 -0.46 0.00	25.90 -0.23 0.00	34.45 -0.39 0.00	39.35 -0.66 0.00	41.43 -1.16 0.00	58.09 -2.93 0.00	48.45 -1.98 0.00	47.22 -1.70 0.00	52.38 -1.57 0.00	45.32 -1.17 0.00
HUNTLEY___64 23558	49.62 -1.66 0.00	44.24 -1.48 0.00	38.63 -1.44 0.00	40.63 -1.63 0.00	50.15 -2.09 0.00	58.56 -2.46 0.00	215.57 -6.10 0.00	104.05 -4.14 0.00	49.61 -2.61 0.00	22.51 -0.71 0.00	24.06 -0.66 -0.70	16.63 -0.32 -0.15	24.55 -0.41 -0.06	28.35 -0.36 0.00	29.48 -0.46 0.00	25.90 -0.23 0.00	34.45 -0.39 0.00	39.35 -0.66 0.00	41.43 -1.16 0.00	58.09 -2.93 0.00	48.45 -1.98 0.00	47.22 -1.70 0.00	52.38 -1.57 0.00	45.32 -1.17 0.00
HUNTLEY___65 23559	49.62 -1.66 0.00	44.24 -1.48 0.00	38.63 -1.44 0.00	40.63 -1.63 0.00	50.15 -2.09 0.00	58.56 -2.46 0.00	215.57 -6.10 0.00	104.05 -4.14 0.00	49.61 -2.61 0.00	22.51 -0.71 0.00	24.06 -0.66 -0.70	16.63 -0.32 -0.15	24.55 -0.41 -0.06	28.35 -0.36 0.00	29.48 -0.46 0.00	25.90 -0.23 0.00	34.45 -0.39 0.00	39.35 -0.66 0.00	41.43 -1.16 0.00	58.09 -2.93 0.00	48.45 -1.98 0.00	47.22 -1.70 0.00	52.38 -1.57 0.00	45.32 -1.17 0.00
HUNTLEY___66 23560	49.62 -1.66 0.00	44.24 -1.48 0.00	38.63 -1.44 0.00	40.63 -1.63 0.00	50.15 -2.09 0.00	58.56 -2.46 0.00	215.57 -6.10 0.00	104.05 -4.14 0.00	49.61 -2.61 0.00	22.51 -0.71 0.00	24.06 -0.66 -0.70	16.63 -0.32 -0.15	24.55 -0.41 -0.06	28.35 -0.36 0.00	29.48 -0.46 0.00	25.90 -0.23 0.00	34.45 -0.39 0.00	39.35 -0.66 0.00	41.43 -1.16 0.00	58.09 -2.93 0.00	48.45 -1.98 0.00	47.22 -1.70 0.00	52.38 -1.57 0.00	45.32 -1.17 0.00

HUNTLEY___67 23561	49.51 -1.77 0.00	44.15 -1.57 0.00	38.58 -1.48 0.00	40.57 -1.69 0.00	50.07 -2.17 0.00	58.40 -2.62 0.00	214.87 -6.79 0.00	103.71 -4.48 0.00	49.44 -2.77 0.00	22.45 -0.77 0.00	24.02 -0.72 -0.71	16.60 -0.35 -0.16	24.50 -0.47 -0.06	28.29 -0.43 0.00	29.43 -0.51 0.00	25.85 -0.28 0.00	34.39 -0.45 0.00	39.28 -0.72 0.00	41.33 -1.26 0.00	57.96 -3.07 0.00	48.30 -2.12 0.00	47.09 -1.83 0.00	52.20 -1.76 0.00	45.20 -1.29 0.00
HUNTLEY___68 23562	49.51 -1.77 0.00	44.15 -1.57 0.00	38.58 -1.48 0.00	40.57 -1.69 0.00	50.07 -2.17 0.00	58.40 -2.62 0.00	214.87 -6.79 0.00	103.71 -4.48 0.00	49.44 -2.77 0.00	22.45 -0.77 0.00	24.02 -0.72 -0.71	16.60 -0.35 -0.16	24.50 -0.47 -0.06	28.29 -0.43 0.00	29.43 -0.51 0.00	25.85 -0.28 0.00	34.39 -0.45 0.00	39.28 -0.72 0.00	41.33 -1.26 0.00	57.96 -3.07 0.00	48.30 -2.12 0.00	47.09 -1.83 0.00	52.20 -1.76 0.00	45.20 -1.29 0.00
HYLAND___LFGE 323620	52.84 1.56 0.00	47.21 1.49 0.00	41.41 1.34 0.00	43.62 1.36 0.00	54.05 1.81 0.00	63.43 2.41 0.00	234.99 13.33 0.00	113.55 5.37 0.00	52.76 0.55 0.00	23.06 -0.16 0.00	24.65 -0.15 -0.77	16.97 0.01 -0.17	25.08 0.11 -0.07	28.81 0.09 0.00	29.90 -0.04 0.00	26.15 0.02 0.00	34.85 0.00 0.00	40.27 0.26 0.00	43.63 1.04 0.00	63.03 2.01 0.00	52.95 2.52 0.00	51.49 2.56 0.00	56.59 2.64 0.00	48.62 2.14 0.00
INDECK___CORINTH 23802	53.76 2.48 0.00	48.01 2.29 0.00	42.01 1.94 0.00	44.31 2.05 0.00	54.61 2.37 0.00	63.85 2.83 0.00	232.89 11.23 0.00	113.26 5.07 0.00	54.54 2.33 0.00	23.95 0.73 0.00	30.54 0.68 -5.84	18.83 0.74 -1.29	26.48 1.07 -0.51	29.69 0.97 0.00	30.72 0.78 0.00	26.83 0.69 0.00	36.04 1.20 0.00	42.08 2.07 0.00	45.03 2.44 0.00	64.44 3.41 0.00	53.06 2.63 0.00	51.26 2.33 0.00	56.46 2.51 0.00	48.61 2.13 0.00
INDECK___ILION 23567	50.73 -0.55 0.00	45.37 -0.35 0.00	39.95 -0.11 0.00	42.21 -0.05 0.00	51.91 -0.33 0.00	60.92 -0.10 0.00	221.28 -0.38 0.00	107.56 -0.62 0.00	51.07 -1.15 0.00	22.45 -0.77 0.00	23.10 -0.93 0.00	16.48 -0.31 0.00	24.45 -0.45 0.00	27.85 -0.86 0.00	28.98 -0.96 0.00	25.38 -0.75 0.00	33.80 -1.04 0.00	39.65 -0.36 0.00	42.97 0.38 0.00	62.23 1.21 0.00	51.33 0.90 0.00	49.44 0.51 0.00	54.14 0.18 0.00	46.39 -0.09 0.00
INDECK___OLEAN 23982	52.17 0.89 0.00	46.63 0.91 0.00	40.91 0.84 0.00	43.01 0.75 0.00	52.80 0.56 0.00	61.16 0.14 0.00	224.39 2.72 0.00	108.82 0.63 0.00	51.77 -0.45 0.00	23.62 0.40 0.00	25.48 0.61 -0.84	17.59 0.61 -0.19	25.81 0.84 -0.07	29.75 1.03 0.00	30.89 0.95 0.00	27.07 0.94 0.00	36.08 1.23 0.00	41.67 1.66 0.00	43.73 1.14 0.00	61.65 0.63 0.00	51.33 0.91 0.00	49.96 1.03 0.00	55.38 1.43 0.00	47.82 1.33 0.00
INDECK___OSWEGO 23783	50.39 -0.90 0.00	44.91 -0.81 0.00	39.38 -0.69 0.00	41.53 -0.73 0.00	51.29 -0.94 0.00	59.99 -1.03 0.00	218.56 -3.10 0.00	106.54 -1.65 0.00	51.18 -1.03 0.00	22.74 -0.48 0.00	23.87 -0.50 -0.34	16.57 -0.30 -0.08	24.48 -0.45 -0.03	28.14 -0.57 0.00	29.28 -0.66 0.00	24.74 -0.58 0.82	32.25 -0.78 1.82	38.60 -0.77 0.65	41.96 -0.64 0.00	60.17 -0.85 0.00	49.75 -0.68 0.00	48.22 -0.71 0.00	53.13 -0.82 0.00	45.74 -0.75 0.00
INDECK___YERKES 23781	49.68 -1.60 0.00	44.28 -1.44 0.00	38.67 -1.40 0.00	40.66 -1.60 0.00	50.20 -2.04 0.00	58.63 -2.39 0.00	215.83 -5.83 0.00	104.16 -4.03 0.00	49.64 -2.57 0.00	22.54 -0.68 0.00	24.08 -0.64 -0.70	16.65 -0.30 -0.15	24.58 -0.38 -0.06	28.39 -0.33 0.00	29.51 -0.43 0.00	25.96 -0.17 0.00	34.55 -0.30 0.00	39.40 -0.61 0.00	41.48 -1.11 0.00	58.16 -2.86 0.00	48.51 -1.92 0.00	47.28 -1.65 0.00	52.41 -1.55 0.00	45.36 -1.13 0.00
INDIAN POINT_GT_1 24139	52.94 1.66 0.00	47.09 1.37 0.00	41.27 1.20 0.00	43.60 1.34 0.00	53.69 1.45 0.00	62.71 1.69 0.00	227.65 5.99 0.00	111.78 3.59 0.00	54.09 1.88 0.00	24.10 0.88 0.00	29.67 0.94 -4.70	18.82 0.99 -1.04	26.69 1.39 -0.41	30.16 1.44 0.00	31.25 1.30 0.00	27.28 1.15 0.00	36.37 1.52 0.00	41.88 1.87 0.00	44.67 2.07 0.00	63.78 2.75 0.00	52.50 2.07 0.00	50.64 1.71 0.00	55.70 1.74 0.00	47.81 1.33 0.00
INDIAN POINT_GT_2 23659	52.94 1.66 0.00	47.09 1.37 0.00	41.27 1.20 0.00	43.60 1.34 0.00	53.69 1.45 0.00	62.71 1.69 0.00	227.65 5.99 0.00	111.78 3.59 0.00	54.09 1.88 0.00	24.10 0.88 0.00	29.67 0.94 -4.70	18.82 0.99 -1.04	26.69 1.39 -0.41	30.16 1.44 0.00	31.25 1.30 0.00	27.28 1.15 0.00	36.37 1.52 0.00	41.88 1.87 0.00	44.67 2.07 0.00	63.78 2.75 0.00	52.50 2.07 0.00	50.64 1.71 0.00	55.70 1.74 0.00	47.81 1.33 0.00
INDIAN POINT_GT_3 24019	52.94 1.66 0.00	47.09 1.37 0.00	41.27 1.20 0.00	43.60 1.34 0.00	53.69 1.45 0.00	62.71 1.69 0.00	227.65 5.99 0.00	111.78 3.59 0.00	54.09 1.88 0.00	24.10 0.88 0.00	29.67 0.94 -4.70	18.82 0.99 -1.04	26.69 1.39 -0.41	30.16 1.44 0.00	31.25 1.30 0.00	27.28 1.15 0.00	36.37 1.52 0.00	41.88 1.87 0.00	44.67 2.07 0.00	63.78 2.75 0.00	52.50 2.07 0.00	50.64 1.71 0.00	55.70 1.74 0.00	47.81 1.33 0.00
INDIAN POINT___2 23530	52.73 1.45 0.00	46.91 1.19 0.00	41.13 1.07 0.00	43.46 1.20 0.00	53.52 1.28 0.00	62.47 1.46 0.00	226.82 5.15 0.00	111.35 3.17 0.00	53.86 1.65 0.00	24.00 0.78 0.00	29.50 0.85 -4.62	18.74 0.93 -1.02	26.60 1.30 -0.40	30.05 1.34 0.00	31.16 1.21 0.00	27.21 1.08 0.00	36.27 1.42 0.00	41.73 1.72 0.00	44.48 1.89 0.00	63.52 2.49 0.00	52.27 1.85 0.00	50.46 1.53 0.00	55.52 1.57 0.00	47.65 1.16 0.00
INDIAN POINT___3 23531	52.99 1.71 0.00	47.14 1.42 0.00	41.31 1.24 0.00	43.64 1.38 0.00	53.74 1.50 0.00	62.75 1.73 0.00	227.81 6.15 0.00	111.86 3.67 0.00	54.15 1.94 0.00	24.13 0.91 0.00	29.73 0.98 -4.72	18.85 1.01 -1.04	26.73 1.42 -0.41	30.19 1.48 0.00	31.29 1.34 0.00	27.32 1.19 0.00	36.41 1.56 0.00	41.92 1.91 0.00	44.71 2.12 0.00	63.83 2.80 0.00	52.53 2.11 0.00	50.67 1.75 0.00	55.73 1.78 0.00	47.84 1.36 0.00
INGHAM_C_115KV_TB7 356103	50.54 -0.75 0.00	45.18 -0.54 0.00	39.78 -0.28 0.00	42.01 -0.25 0.00	51.61 -0.63 0.00	60.56 -0.46 0.00	219.66 -2.00 0.00	106.73 -1.46 0.00	50.61 -1.60 0.00	22.23 -0.99 0.00	22.88 -1.15 0.00	16.36 -0.43 0.00	24.27 -0.63 0.00	27.63 -1.09 0.00	28.73 -1.21 0.00	25.19 -0.94 0.00	33.54 -1.30 0.00	39.36 -0.65 0.00	42.70 0.10 0.00	61.89 0.86 0.00	51.02 0.59 0.00	49.12 0.19 0.00	53.77 -0.19 0.00	46.08 -0.40 0.00
IP CORINTH___1 23988	53.77 2.48 0.00	48.01 2.29 0.00	42.01 1.94 0.00	44.31 2.05 0.00	54.61 2.37 0.00	63.85 2.83 0.00	232.90 11.23 0.00	113.26 5.07 0.00	54.54 2.33 0.00	23.95 0.73 0.00	30.54 0.68 -5.84	18.83 0.74 -1.29	26.48 1.07 -0.51	29.69 0.97 0.00	30.72 0.78 0.00	26.83 0.69 0.00	36.04 1.20 0.00	42.08 2.07 0.00	45.03 2.44 0.00	64.44 3.41 0.00	53.06 2.63 0.00	51.26 2.33 0.00	56.46 2.51 0.00	48.61 2.13 0.00

IP__TICONDEROGA 23804	55.20 3.91 0.00	49.54 3.82 0.00	43.28 3.22 0.00	45.64 3.39 0.00	56.08 3.84 0.00	65.46 4.45 0.00	241.13 19.47 0.00	116.46 8.28 0.00	56.05 3.83 0.00	24.42 1.21 0.00	30.86 1.01 -5.83	19.18 1.10 -1.29	26.82 1.41 -0.51	30.15 1.43 0.00	31.20 1.25 0.00	27.23 1.10 0.00	36.92 2.08 0.00	43.87 3.86 0.00	46.76 4.16 0.00	66.36 5.34 0.00	54.68 4.26 0.00	52.80 3.87 0.00	58.21 4.26 0.00	50.34 3.86 0.00
ISLIP_RES_REC 323679	58.64 2.81 -4.54	51.08 2.63 -2.73	42.43 2.12 -0.25	44.30 2.05 0.00	54.89 2.65 0.00	63.91 2.89 0.00	227.91 9.13 2.88	115.08 5.75 -1.15	58.43 3.41 -2.81	28.31 1.54 -3.55	32.06 1.62 -6.41	16.88 1.24 1.15	25.10 1.63 1.43	30.36 1.86 0.20	30.89 1.77 0.82	27.09 1.75 0.79	35.80 2.14 1.18	42.97 2.14 -0.82	48.12 3.16 -2.36	71.23 4.54 -5.66	60.13 3.75 -5.95	57.17 3.26 -4.99	62.02 3.41 -4.66	61.10 2.99 -11.63
JAMAICA__27_KV_LOAD 355505	47.36 1.77 5.69	30.15 1.46 17.02	-15.42 1.22 56.70	43.60 1.35 0.01	53.72 1.49 0.02	62.80 1.79 0.02	230.29 6.63 -1.99	112.43 4.24 0.00	55.82 2.33 -1.28	24.32 1.09 0.00	30.01 1.21 -4.77	19.01 1.16 -1.06	26.89 1.58 -0.42	30.47 1.76 0.00	31.55 1.61 0.00	27.54 1.41 0.00	36.67 1.82 0.00	42.21 2.20 0.00	45.13 2.54 0.00	64.43 3.40 0.00	53.23 2.62 -0.19	51.58 2.12 -0.53	56.10 2.14 0.00	48.08 1.59 0.00
JANIS__SOLAR 323808	53.03 1.75 0.00	47.43 1.71 0.00	41.68 1.61 0.00	44.02 1.76 0.00	54.45 2.21 0.00	64.13 3.11 0.00	235.78 14.12 0.00	115.06 6.87 0.00	54.92 2.71 0.00	23.97 0.75 0.00	25.81 0.59 -1.19	17.57 0.51 -0.26	25.64 0.64 -0.10	29.48 0.76 0.00	30.47 0.53 0.00	26.54 0.40 0.00	35.41 0.56 0.00	41.26 1.25 0.00	44.75 2.15 0.00	64.82 3.80 0.00	53.90 3.48 0.00	52.09 3.17 0.00	57.24 3.28 0.00	49.17 2.68 0.00
JARVIS____ 23743	51.35 0.06 0.00	45.80 0.09 0.00	40.15 0.08 0.00	42.35 0.09 0.00	52.28 0.05 0.00	61.09 0.07 0.00	221.89 0.22 0.00	108.30 0.11 0.00	52.25 0.03 0.00	23.22 0.00 0.00	24.02 -0.01 0.00	16.82 0.03 0.00	24.92 0.02 0.00	28.67 -0.05 0.00	29.80 -0.14 0.00	26.00 -0.13 0.00	34.68 0.00 0.00	40.03 0.03 0.00	42.77 0.17 0.00	61.30 0.27 0.00	50.60 0.17 0.00	49.02 0.09 0.00	54.01 0.06 0.00	46.52 0.03 0.00
JENNISON__1 23625	51.67 0.39 0.00	46.38 0.66 0.00	40.84 0.77 0.00	43.21 0.95 0.00	53.46 1.22 0.00	63.33 2.31 0.00	232.10 10.43 0.00	114.04 5.85 0.00	55.71 3.49 0.00	24.44 1.22 0.00	26.49 0.93 -1.53	18.01 0.88 -0.34	26.24 1.21 -0.13	30.07 1.36 0.00	31.15 1.21 0.00	27.06 0.93 0.00	36.06 1.21 0.00	41.91 1.90 0.00	45.01 2.42 0.00	64.86 3.84 0.00	53.69 3.27 0.00	51.66 2.74 0.00	56.87 2.92 0.00	48.85 2.36 0.00
JENNISON__2 23626	51.67 0.39 0.00	46.38 0.66 0.00	40.84 0.77 0.00	43.21 0.95 0.00	53.46 1.22 0.00	63.33 2.31 0.00	232.10 10.43 0.00	114.04 5.85 0.00	55.71 3.49 0.00	24.44 1.22 0.00	26.49 0.93 -1.53	18.01 0.88 -0.34	26.24 1.21 -0.13	30.07 1.36 0.00	31.15 1.21 0.00	27.06 0.93 0.00	36.06 1.21 0.00	41.91 1.90 0.00	45.01 2.42 0.00	64.86 3.84 0.00	53.69 3.27 0.00	51.66 2.74 0.00	56.87 2.92 0.00	48.85 2.36 0.00
JERICHO_RISE_WT_PWR 323719	50.23 -1.05 0.00	45.02 -0.69 0.00	39.65 -0.42 0.00	41.99 -0.27 0.00	52.62 0.39 0.00	61.49 0.47 0.00	224.38 2.72 0.00	109.65 1.47 0.00	52.94 0.73 0.00	23.42 0.20 0.00	24.15 0.03 -0.10	16.04 -0.77 -0.02	23.24 -1.67 -0.01	26.17 -2.55 0.00	25.62 -4.32 0.00	-3.39 -4.26 25.26	-25.79 -4.39 56.25	17.11 -2.90 20.00	41.77 -0.82 0.00	60.42 -0.60 0.00	50.67 0.24 0.00	49.42 0.50 0.00	54.58 0.62 0.00	46.98 0.49 0.00
KATONAH__115KV_46KV_TB4 355592	53.49 2.20 0.00	47.59 1.87 0.00	41.68 1.62 0.00	44.02 1.76 0.00	54.22 1.98 0.00	63.38 2.36 0.00	230.36 8.69 0.00	113.06 4.87 0.00	54.70 2.49 0.00	24.36 1.14 0.00	30.03 1.20 -4.80	19.01 1.16 -1.06	26.95 1.63 -0.42	30.43 1.71 0.00	31.52 1.57 0.00	27.51 1.38 0.00	36.67 1.83 0.00	42.28 2.27 0.00	45.12 2.53 0.00	64.41 3.38 0.00	53.03 2.61 0.00	51.13 2.20 0.00	56.19 2.24 0.00	48.23 1.75 0.00
KCE_NY_1 323755	53.37 2.09 0.00	47.66 1.94 0.00	41.71 1.64 0.00	43.98 1.72 0.00	54.27 2.03 0.00	63.40 2.39 0.00	230.27 8.60 0.00	112.07 3.89 0.00	54.00 1.79 0.00	23.82 0.60 0.00	30.44 0.60 -5.82	18.74 0.66 -1.29	26.39 0.98 -0.51	29.56 0.85 0.00	30.64 0.69 0.00	26.75 0.62 0.00	35.84 1.00 0.00	41.74 1.73 0.00	44.65 2.06 0.00	63.92 2.89 0.00	52.47 2.04 0.00	50.68 1.75 0.00	55.84 1.89 0.00	48.14 1.65 0.00
KCE_NY_6_ESR 323823	50.37 -0.92 0.00	44.92 -0.80 0.00	39.29 -0.77 0.00	41.32 -0.94 0.00	50.98 -1.26 0.00	59.52 -1.50 0.00	219.18 -2.49 0.00	105.89 -2.30 0.00	50.51 -1.70 0.00	22.94 -0.28 0.00	24.55 -0.21 -0.74	16.94 -0.01 -0.16	24.98 0.02 -0.06	28.83 0.12 0.00	29.93 -0.01 0.00	26.31 0.18 0.00	35.06 0.21 0.00	40.15 0.14 0.00	42.25 -0.34 0.00	59.34 -1.68 0.00	49.46 -0.96 0.00	48.23 -0.69 0.00	53.38 -0.58 0.00	46.14 -0.34 0.00
KEDC_PORT_JEFF_GT2 24210	58.17 2.59 -4.31	50.60 2.42 -2.46	42.23 1.93 -0.23	44.11 1.85 0.00	54.64 2.40 0.00	63.61 2.59 0.00	226.67 7.95 2.94	114.45 5.13 -1.14	58.03 3.13 -2.69	27.84 1.42 -3.20	31.76 1.52 -6.21	16.58 1.17 1.39	24.82 1.54 1.63	30.25 1.76 0.23	30.66 1.67 0.94	26.78 1.65 0.99	35.53 2.00 1.32	42.61 1.97 -0.64	47.63 2.90 -2.14	70.49 4.14 -5.32	59.21 3.42 -5.36	56.41 2.94 -4.53	61.43 3.09 -4.39	60.67 2.73 -11.45
KEDC_PORT_JEFF_GT3 24211	58.17 2.59 -4.31	50.60 2.42 -2.46	42.23 1.93 -0.23	44.11 1.85 0.00	54.64 2.40 0.00	63.61 2.59 0.00	226.67 7.95 2.94	114.45 5.13 -1.14	58.03 3.13 -2.69	27.84 1.42 -3.20	31.76 1.52 -6.21	16.58 1.17 1.39	24.82 1.54 1.63	30.25 1.76 0.23	30.66 1.67 0.94	26.78 1.65 0.99	35.53 2.00 1.32	42.61 1.97 -0.64	47.63 2.90 -2.14	70.49 4.14 -5.32	59.21 3.42 -5.36	56.41 2.94 -4.53	61.43 3.09 -4.39	60.67 2.73 -11.45
KEDC_GLWD_GT4 24219	68.74 2.50 -14.96	61.16 2.22 -13.23	43.13 1.84 -1.23	44.20 1.94 -0.01	54.49 2.25 0.00	63.56 2.54 0.00	230.36 8.83 0.14	115.50 5.33 -1.98	64.65 2.88 -9.56	41.76 1.35 -17.19	39.44 1.45 -13.96	24.41 1.29 -6.32	31.54 1.82 -4.82	31.17 1.96 -0.50	34.97 1.86 -3.17	33.70 1.67 -5.90	40.01 2.16 -3.02	50.51 2.50 -8.01	56.70 2.78 -11.33	84.64 3.69 -19.93	82.69 2.86 -29.40	77.83 2.47 -26.44	75.63 2.69 -18.98	72.86 2.20 -24.17
KEDC_GLWD_GT5 24220	68.74 2.50 -14.96	61.16 2.22 -13.23	43.13 1.84 -1.23	44.20 1.94 -0.01	54.49 2.25 0.00	63.56 2.54 0.00	230.36 8.83 0.14	115.50 5.33 -1.98	64.65 2.88 -9.56	41.76 1.35 -17.19	39.44 1.45 -13.96	24.41 1.29 -6.32	31.54 1.82 -4.82	31.17 1.96 -0.50	34.97 1.86 -3.17	33.70 1.67 -5.90	40.01 2.16 -3.02	50.51 2.50 -8.01	56.70 2.78 -11.33	84.64 3.69 -19.93	82.69 2.86 -29.40	77.83 2.47 -26.44	75.63 2.69 -18.98	72.86 2.20 -24.17

KENSICO____ 23655	53.30 2.02 0.00	47.43 1.71 0.00	41.54 1.48 0.00	43.87 1.61 0.00	54.03 1.79 0.00	63.12 2.10 0.00	229.30 7.64 0.00	112.62 4.44 0.00	54.54 2.33 0.00	24.30 1.08 0.00	29.94 1.15 -4.77	18.96 1.12 -1.05	26.89 1.58 -0.42	30.37 1.66 0.00	31.47 1.52 0.00	27.48 1.34 0.00	36.62 1.77 0.00	42.18 2.17 0.00	45.03 2.43 0.00	64.26 3.23 0.00	52.91 2.49 0.00	50.98 2.06 0.00	56.05 2.10 0.00	48.13 1.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.88 2.60 0.00	47.98 2.26 0.00	42.07 2.01 0.00	44.42 2.16 0.00	54.75 2.52 0.00	64.04 3.02 0.00	233.03 11.37 0.00	114.32 6.14 0.00	55.16 2.95 0.00	24.44 1.22 0.00	29.84 1.18 -4.63	18.95 1.14 -1.02	26.92 1.61 -0.40	30.39 1.68 0.00	31.47 1.53 0.00	27.48 1.35 0.00	36.68 1.83 0.00	42.41 2.40 0.00	45.41 2.82 0.00	65.01 3.98 0.00	53.54 3.11 0.00	51.69 2.76 0.00	56.80 2.84 0.00	48.70 2.22 0.00
KIAC_JFK_GT1 23816	47.00 1.40 5.69	29.87 1.17 17.02	-15.67 0.97 56.70	43.34 1.09 0.01	53.33 1.10 0.02	62.17 1.17 0.02	227.84 4.18 -1.99	111.23 3.05 0.00	55.27 1.78 -1.28	24.07 0.85 0.00	29.77 0.97 -4.77	18.90 1.06 -1.06	26.74 1.43 -0.42	30.30 1.58 0.00	31.37 1.43 0.00	27.37 1.24 0.00	36.31 1.46 0.00	41.78 1.78 0.00	44.67 2.08 0.00	63.76 2.73 0.00	52.67 2.06 -0.19	51.03 1.57 -0.53	55.53 1.57 0.00	47.62 1.13 0.00
KIAC_JFK_GT2 23817	47.00 1.40 5.69	29.87 1.17 17.02	-15.67 0.97 56.70	43.34 1.09 0.01	53.33 1.10 0.02	62.17 1.17 0.02	227.84 4.18 -1.99	111.23 3.05 0.00	55.27 1.78 -1.28	24.07 0.85 0.00	29.77 0.97 -4.77	18.90 1.06 -1.06	26.74 1.43 -0.42	30.30 1.58 0.00	31.37 1.43 0.00	27.37 1.24 0.00	36.31 1.46 0.00	41.78 1.78 0.00	44.67 2.08 0.00	63.76 2.73 0.00	52.67 2.06 -0.19	51.03 1.57 -0.53	55.53 1.57 0.00	47.62 1.13 0.00
KIAC_JFK____ 323774	47.00 1.41 5.69	29.86 1.17 17.02	-15.67 0.97 56.70	43.33 1.08 0.01	53.33 1.10 0.02	62.17 1.17 0.02	227.80 4.14 -1.99	111.23 3.05 0.00	55.28 1.79 -1.28	24.07 0.85 0.00	29.78 0.97 -4.77	18.90 1.06 -1.06	26.74 1.43 -0.42	30.30 1.58 0.00	31.37 1.43 0.00	27.37 1.24 0.00	36.31 1.47 0.00	41.78 1.78 0.00	44.67 2.07 0.00	63.76 2.73 0.00	52.69 2.08 -0.19	51.05 1.59 -0.53	55.53 1.58 0.00	47.62 1.13 0.00
KINTIGH____ 23543	50.03 -1.26 0.00	44.58 -1.13 0.00	38.97 -1.09 0.00	41.01 -1.25 0.00	50.58 -1.66 0.00	58.98 -2.04 0.00	216.58 -5.09 0.00	104.83 -3.36 0.00	50.06 -2.15 0.00	22.60 -0.62 0.00	24.06 -0.56 -0.59	16.68 -0.24 -0.13	24.65 -0.30 -0.05	28.44 -0.28 0.00	29.56 -0.38 0.00	25.94 -0.19 0.00	34.51 -0.33 0.00	39.30 -0.71 0.00	41.48 -1.11 0.00	58.49 -2.53 0.00	48.63 -1.80 0.00	47.28 -1.65 0.00	52.31 -1.64 0.00	45.25 -1.23 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.40 0.12 0.00	45.97 0.25 0.00	40.42 0.36 0.00	42.79 0.53 0.00	53.71 1.47 0.00	62.87 1.86 0.00	230.11 8.45 0.00	112.36 4.17 0.00	54.03 1.82 0.00	23.85 0.63 0.00	24.55 0.43 -0.09	16.35 -0.47 -0.02	23.65 -1.26 -0.01	26.68 -2.03 0.00	26.10 -3.84 0.00	-3.47 -3.79 25.81	-26.32 -3.70 57.47	17.46 -2.11 20.44	42.64 0.05 0.00	61.65 0.62 0.00	51.84 1.41 0.00	50.59 1.67 0.00	55.79 1.84 0.00	48.00 1.52 0.00
LACHUTE__HYDRO 323717	55.20 3.92 0.00	49.54 3.82 0.00	43.28 3.22 0.00	45.65 3.38 0.00	56.08 3.84 0.00	65.46 4.45 0.00	241.13 19.47 0.00	116.46 8.27 0.00	56.04 3.83 0.00	24.42 1.21 0.00	30.86 1.01 -5.83	19.18 1.10 -1.29	26.82 1.41 -0.51	30.14 1.43 0.00	31.20 1.25 0.00	27.23 1.10 0.00	36.93 2.08 0.00	43.87 3.86 0.00	46.76 4.16 0.00	66.36 5.34 0.00	54.68 4.26 0.00	52.80 3.87 0.00	58.21 4.26 0.00	50.34 3.85 0.00
LAWRNCV_115KV_TB1 80681	50.54 -0.75 0.00	45.03 -0.68 0.00	39.49 -0.58 0.00	41.69 -0.57 0.00	52.08 -0.16 0.00	60.89 -0.13 0.00	220.54 -1.12 0.00	107.57 -0.62 0.00	52.03 -0.18 0.00	22.94 -0.28 0.00	23.71 -0.43 -0.12	15.71 -1.11 -0.03	22.72 -2.19 -0.01	25.77 -2.94 0.00	25.78 -4.16 0.00	0.29 -4.17 21.68	-18.35 -4.92 48.27	19.48 -3.36 17.17	41.25 -1.35 0.00	59.38 -1.65 0.00	49.48 -0.94 0.00	48.51 -0.42 0.00	53.66 -0.29 0.00	46.36 -0.13 0.00
LEDERLE____ 23769	53.05 1.77 0.00	47.18 1.46 0.00	41.37 1.30 0.00	43.71 1.45 0.00	53.82 1.58 0.00	62.84 1.82 0.00	228.21 6.55 0.00	112.09 3.90 0.00	54.21 2.00 0.00	24.16 0.94 0.00	29.69 1.03 -4.63	18.87 1.06 -1.02	26.79 1.48 -0.40	30.27 1.56 0.00	31.38 1.44 0.00	27.41 1.27 0.00	36.54 1.70 0.00	42.05 2.04 0.00	44.81 2.22 0.00	63.98 2.95 0.00	52.66 2.24 0.00	50.83 1.90 0.00	55.90 1.95 0.00	47.95 1.47 0.00
LIGHTHSE_115KV_TB6 355974	50.57 -0.71 0.00	45.11 -0.61 0.00	39.65 -0.42 0.00	41.85 -0.41 0.00	51.84 -0.40 0.00	60.76 -0.26 0.00	222.00 0.34 0.00	108.03 -0.16 0.00	51.63 -0.58 0.00	22.76 -0.46 0.00	23.77 -0.59 -0.33	16.37 -0.49 -0.07	24.11 -0.82 -0.03	27.69 -1.03 0.00	28.75 -1.19 0.00	23.08 -1.09 1.96	28.99 -1.49 4.37	37.18 -1.27 1.55	42.02 -0.57 0.00	60.85 -0.18 0.00	50.39 -0.04 0.00	48.84 -0.08 0.00	53.88 -0.07 0.00	46.34 -0.15 0.00
LINDEN COGEN____ 23786	53.28 2.00 0.00	47.35 1.63 0.00	41.47 1.41 0.00	43.83 1.57 0.00	54.00 1.76 0.00	63.11 2.09 0.00	229.17 7.51 0.00	112.89 4.70 0.00	54.76 2.55 0.00	24.41 1.19 0.00	30.09 1.29 -4.77	19.03 1.19 -1.06	26.95 1.63 -0.42	30.43 1.72 0.00	31.53 1.59 0.00	27.53 1.40 0.00	36.66 1.82 0.00	42.27 2.26 0.00	45.19 2.60 0.00	64.44 3.42 0.00	53.08 2.65 0.00	51.07 2.15 0.00	56.13 2.17 0.00	48.18 1.69 0.00
LINDHRST_69_KV_BK1 356055	62.94 2.96 -8.69	55.90 2.76 -7.43	43.04 2.29 -0.68	44.52 2.25 0.00	54.94 2.70 0.00	63.95 2.93 0.00	229.25 9.70 2.11	115.33 5.81 -1.33	60.52 3.40 -4.91	34.43 1.56 -9.65	35.52 1.64 -9.86	21.17 1.33 -3.06	28.80 1.81 -2.09	30.91 2.00 -0.18	33.21 1.92 -1.35	30.68 1.82 -2.72	38.33 2.32 -1.17	46.78 2.60 -4.16	51.98 3.12 -6.27	76.99 4.47 -11.50	70.24 3.67 -16.15	64.17 3.11 -12.14	65.52 3.19 -8.37	63.65 2.74 -14.43
LIPA_MISC_IPP 23656	57.84 2.38 -4.18	50.26 2.22 -2.32	42.08 1.81 -0.21	43.87 1.61 0.00	54.42 2.18 0.00	63.31 2.29 0.00	225.60 6.90 2.97	113.90 4.59 -1.13	57.77 2.94 -2.62	27.55 1.32 -3.01	31.56 1.43 -6.10	16.35 1.07 1.51	24.56 1.39 1.73	30.10 1.63 0.24	30.47 1.54 1.01	26.61 1.58 1.10	35.30 1.85 1.39	42.13 1.59 -0.53	47.45 2.84 -2.02	70.14 3.97 -5.14	58.76 3.28 -5.05	56.03 2.80 -4.30	61.15 2.94 -4.26	60.47 2.62 -11.36
LISF__SOLAR 323691	57.96 2.45 -4.22	50.39 2.30 -2.37	42.11 1.83 -0.22	43.94 1.68 0.00	54.52 2.28 0.00	63.43 2.41 0.00	226.00 7.30 2.96	114.14 4.82 -1.13	57.87 3.01 -2.65	27.64 1.34 -3.08	31.61 1.45 -6.14	16.40 1.07 1.47	24.59 1.38 1.70	30.11 1.63 0.23	30.49 1.53 0.99	26.67 1.60 1.06	35.37 1.88 1.36	42.21 1.63 -0.57	47.57 2.92 -2.06	70.32 4.09 -5.21	58.99 3.40 -5.16	56.23 2.92 -4.38	61.34 3.08 -4.31	60.63 2.74 -11.40

LITTLE FALLS___HYD 24013	50.54 -0.75 0.00	45.18 -0.54 0.00	39.78 -0.28 0.00	42.01 -0.25 0.00	51.61 -0.63 0.00	60.56 -0.46 0.00	219.66 -2.00 0.00	106.73 -1.46 0.00	50.61 -1.60 0.00	22.23 -0.99 0.00	22.88 -1.15 0.00	16.36 -0.43 0.00	24.27 -0.63 0.00	27.63 -1.09 0.00	28.73 -1.21 0.00	25.19 -0.94 0.00	33.54 -1.30 0.00	39.36 -0.65 0.00	42.70 0.10 0.00	61.89 0.86 0.00	51.02 0.59 0.00	49.12 0.19 0.00	53.77 -0.19 0.00	46.08 -0.40 0.00
LITTLRIV_115KV_TB1 356100	51.32 0.04 0.00	45.72 0.00 0.00	40.06 0.00 0.00	42.30 0.04 0.00	52.88 0.64 0.00	61.87 0.86 0.00	224.54 2.88 0.00	109.38 1.20 0.00	52.64 0.43 0.00	23.08 -0.14 0.00	23.83 -0.32 -0.12	15.75 -1.07 -0.03	22.78 -2.13 -0.01	25.84 -2.87 0.00	25.84 -4.10 0.00	0.83 -4.09 21.21	-17.11 -4.72 47.23	20.24 -2.97 16.80	41.68 -0.91 0.00	60.28 -0.74 0.00	50.34 -0.09 0.00	49.30 0.37 0.00	54.52 0.57 0.00	47.09 0.60 0.00
LI_NEWBRDGE___DRP 323616	55.90 2.15 -2.47	48.17 1.98 -0.46	41.72 1.62 -0.03	43.86 1.60 0.01	54.10 1.86 0.00	63.00 1.98 0.00	224.57 6.62 3.71	113.47 4.23 -1.05	56.27 2.52 -1.54	25.02 1.19 -0.60	30.07 1.30 -4.74	14.80 1.15 3.14	23.39 1.58 3.09	30.04 1.72 0.40	29.71 1.62 1.85	25.15 1.49 2.47	34.41 1.86 2.30	41.27 2.04 0.78	45.43 2.36 -0.48	67.21 3.35 -2.83	54.11 2.67 -1.02	51.66 2.26 -0.48	58.07 2.37 -1.75	58.21 2.03 -9.70
LOCKPORT_115KV_TB60_63_64 80432	49.08 -2.21 0.00	43.77 -1.96 0.00	38.21 -1.85 0.00	40.19 -2.07 0.00	49.63 -2.61 0.00	57.93 -3.09 0.00	213.40 -8.27 0.00	102.98 -5.21 0.00	49.01 -3.20 0.00	22.21 -1.01 0.00	23.70 -1.00 -0.67	16.39 -0.55 -0.15	24.21 -0.75 -0.06	27.92 -0.79 0.00	29.02 -0.92 0.00	25.53 -0.60 0.00	33.99 -0.86 0.00	38.78 -1.23 0.00	40.83 -1.76 0.00	57.31 -3.71 0.00	47.81 -2.61 0.00	46.64 -2.29 0.00	51.73 -2.22 0.00	44.78 -1.71 0.00
LOCKPORT___CC1 323769	49.05 -2.24 0.00	43.73 -1.99 0.00	38.20 -1.86 0.00	40.17 -2.09 0.00	49.61 -2.63 0.00	57.91 -3.11 0.00	213.25 -8.41 0.00	102.87 -5.31 0.00	48.97 -3.25 0.00	22.18 -1.03 0.00	23.70 -1.01 -0.68	16.38 -0.56 -0.15	24.20 -0.76 -0.06	27.92 -0.79 0.00	29.02 -0.93 0.00	25.54 -0.59 0.00	34.02 -0.82 0.00	38.78 -1.23 0.00	40.82 -1.78 0.00	57.29 -3.73 0.00	47.78 -2.65 0.00	46.61 -2.32 0.00	51.66 -2.29 0.00	44.75 -1.74 0.00
LOCKPORT___CC2 323770	49.05 -2.24 0.00	43.73 -1.99 0.00	38.20 -1.86 0.00	40.17 -2.09 0.00	49.61 -2.63 0.00	57.91 -3.11 0.00	213.25 -8.41 0.00	102.87 -5.31 0.00	48.97 -3.25 0.00	22.18 -1.03 0.00	23.70 -1.01 -0.68	16.38 -0.56 -0.15	24.20 -0.76 -0.06	27.92 -0.79 0.00	29.02 -0.93 0.00	25.54 -0.59 0.00	34.02 -0.82 0.00	38.78 -1.23 0.00	40.82 -1.78 0.00	57.29 -3.73 0.00	47.78 -2.65 0.00	46.61 -2.32 0.00	51.66 -2.29 0.00	44.75 -1.74 0.00
LOCKPORT___CC3 323771	49.05 -2.24 0.00	43.73 -1.99 0.00	38.20 -1.86 0.00	40.17 -2.09 0.00	49.61 -2.63 0.00	57.91 -3.11 0.00	213.25 -8.41 0.00	102.87 -5.31 0.00	48.97 -3.25 0.00	22.18 -1.03 0.00	23.70 -1.01 -0.68	16.38 -0.56 -0.15	24.20 -0.76 -0.06	27.92 -0.79 0.00	29.02 -0.93 0.00	25.54 -0.59 0.00	34.02 -0.82 0.00	38.78 -1.23 0.00	40.82 -1.78 0.00	57.29 -3.73 0.00	47.78 -2.65 0.00	46.61 -2.32 0.00	51.66 -2.29 0.00	44.75 -1.74 0.00
LONG_LAKE_PHOENIX 24014	50.64 -0.65 0.00	45.11 -0.61 0.00	39.54 -0.53 0.00	41.68 -0.58 0.00	51.49 -0.75 0.00	60.20 -0.81 0.00	219.54 -2.12 0.00	107.02 -1.17 0.00	51.42 -0.79 0.00	22.89 -0.33 0.00	24.04 -0.34 -0.35	16.69 -0.18 -0.08	24.66 -0.28 -0.03	28.35 -0.37 0.00	29.47 -0.48 0.00	25.08 -0.42 0.62	32.90 -0.55 1.39	39.00 -0.52 0.49	42.21 -0.39 0.00	60.43 -0.59 0.00	49.98 -0.45 0.00	48.40 -0.53 0.00	53.32 -0.64 0.00	45.89 -0.60 0.00
LOVETT___3 23632	52.84 1.55 0.00	47.00 1.28 0.00	41.22 1.15 0.00	43.54 1.28 0.00	53.59 1.35 0.00	62.57 1.56 0.00	227.15 5.49 0.00	111.55 3.36 0.00	53.98 1.77 0.00	24.06 0.84 0.00	29.60 0.92 -4.66	18.79 0.97 -1.03	26.67 1.36 -0.41	30.13 1.42 0.00	31.23 1.29 0.00	27.27 1.14 0.00	36.34 1.49 0.00	41.81 1.80 0.00	44.58 1.99 0.00	63.65 2.62 0.00	52.38 1.96 0.00	50.54 1.61 0.00	55.60 1.64 0.00	47.73 1.24 0.00
LOVETT___4 23642	52.84 1.55 0.00	47.00 1.28 0.00	41.22 1.15 0.00	43.54 1.28 0.00	53.59 1.35 0.00	62.57 1.56 0.00	227.15 5.49 0.00	111.55 3.36 0.00	53.98 1.77 0.00	24.06 0.84 0.00	29.60 0.92 -4.66	18.79 0.97 -1.03	26.67 1.36 -0.41	30.13 1.42 0.00	31.23 1.29 0.00	27.27 1.14 0.00	36.34 1.49 0.00	41.81 1.80 0.00	44.58 1.99 0.00	63.65 2.62 0.00	52.38 1.96 0.00	50.54 1.61 0.00	55.60 1.64 0.00	47.73 1.24 0.00
LOVETT___5 23593	52.84 1.55 0.00	47.00 1.28 0.00	41.22 1.15 0.00	43.54 1.28 0.00	53.59 1.35 0.00	62.57 1.56 0.00	227.15 5.49 0.00	111.55 3.36 0.00	53.98 1.77 0.00	24.06 0.84 0.00	29.60 0.92 -4.66	18.79 0.97 -1.03	26.67 1.36 -0.41	30.13 1.42 0.00	31.23 1.29 0.00	27.27 1.14 0.00	36.34 1.49 0.00	41.81 1.80 0.00	44.58 1.99 0.00	63.65 2.62 0.00	52.38 1.96 0.00	50.54 1.61 0.00	55.60 1.64 0.00	47.73 1.24 0.00
LOWER RAQUET___HYD 24057	50.26 -1.02 0.00	44.79 -0.93 0.00	39.28 -0.79 0.00	41.48 -0.78 0.00	51.84 -0.40 0.00	60.64 -0.38 0.00	219.83 -1.83 0.00	107.21 -0.98 0.00	51.80 -0.41 0.00	22.80 -0.42 0.00	23.56 -0.58 -0.12	15.60 -1.22 -0.03	22.57 -2.34 -0.01	25.61 -3.11 0.00	25.64 -4.30 0.00	1.03 -4.33 20.77	-16.56 -5.15 46.25	19.94 -3.63 16.45	41.00 -1.59 0.00	59.12 -1.90 0.00	49.29 -1.13 0.00	48.31 -0.62 0.00	53.43 -0.53 0.00	46.15 -0.34 0.00
LOWER___HUDSON 24059	52.49 1.21 0.00	46.83 1.11 0.00	41.02 0.95 0.00	43.26 1.00 0.00	53.25 1.01 0.00	62.16 1.14 0.00	224.86 3.20 0.00	109.62 1.44 0.00	53.09 0.88 0.00	23.52 0.30 0.00	30.11 0.35 -5.74	18.54 0.48 -1.27	26.12 0.72 -0.50	29.29 0.57 0.00	30.33 0.38 0.00	26.45 0.32 0.00	35.40 0.55 0.00	41.08 1.07 0.00	43.71 1.11 0.00	62.48 1.45 0.00	51.34 0.92 0.00	49.62 0.69 0.00	54.75 0.80 0.00	47.17 0.68 0.00
LOWVILLE_115KV_TB2 356335	51.12 -0.16 0.00	45.74 0.02 0.00	40.42 0.35 0.00	42.77 0.51 0.00	53.24 1.00 0.00	62.61 1.59 0.00	229.12 7.46 0.00	111.45 3.27 0.00	53.20 0.99 0.00	23.27 0.05 0.00	23.99 -0.22 -0.18	16.20 -0.63 -0.04	23.70 -1.21 -0.02	27.14 -1.58 0.00	28.01 -1.94 0.00	18.83 -1.63 5.67	20.16 -2.06 12.63	33.85 -1.67 4.49	42.33 -0.26 0.00	62.00 0.97 0.00	51.44 1.02 0.00	49.81 0.89 0.00	55.02 1.07 0.00	47.39 0.90 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	53.36 2.08 0.00	47.61 1.89 0.00	41.69 1.63 0.00	43.97 1.71 0.00	54.21 1.97 0.00	63.35 2.34 0.00	230.19 8.53 0.00	112.03 3.85 0.00	54.01 1.80 0.00	23.82 0.60 0.00	30.46 0.61 -5.82	18.75 0.67 -1.29	26.40 0.99 -0.51	29.59 0.88 0.00	30.65 0.72 0.00	26.76 0.63 0.00	35.86 1.01 0.00	41.72 1.71 0.00	44.58 1.99 0.00	63.82 2.79 0.00	52.48 2.06 0.00	50.70 1.77 0.00	55.86 1.91 0.00	48.12 1.63 0.00

LUTHERNY_35_KV_BK2 355980	53.37 2.09 0.00	47.66 1.94 0.00	41.70 1.64 0.00	43.98 1.72 0.00	54.27 2.03 0.00	63.41 2.39 0.00	230.27 8.61 0.00	112.07 3.88 0.00	54.00 1.79 0.00	23.82 0.60 0.00	30.44 0.60 -5.82	18.74 0.66 -1.29	26.39 0.98 -0.51	29.56 0.85 0.00	30.64 0.70 0.00	26.75 0.62 0.00	35.84 1.00 0.00	41.73 1.72 0.00	44.65 2.06 0.00	63.92 2.89 0.00	52.47 2.04 0.00	50.68 1.75 0.00	55.83 1.88 0.00	48.14 1.65 0.00
LWR___OSWEGATCHIE_HYD 23850	50.12 -1.16 0.00	44.72 -1.00 0.00	39.37 -0.69 0.00	41.63 -0.63 0.00	51.92 -0.32 0.00	60.93 -0.09 0.00	222.07 0.41 0.00	108.10 -0.09 0.00	51.84 -0.37 0.00	22.69 -0.52 0.00	23.42 -0.77 -0.16	15.64 -1.18 -0.04	22.75 -2.17 -0.01	25.94 -2.78 0.00	26.39 -3.56 0.00	8.77 -3.37 13.99	-0.47 -4.17 31.15	25.70 -3.24 11.08	41.15 -1.44 0.00	59.88 -1.14 0.00	49.82 -0.60 0.00	48.53 -0.40 0.00	53.62 -0.34 0.00	46.23 -0.25 0.00
LYONS_FALL_HYD 23570	51.67 0.39 0.00	46.16 0.44 0.00	40.66 0.59 0.00	42.98 0.72 0.00	53.32 1.08 0.00	62.63 1.61 0.00	228.83 7.17 0.00	111.42 3.23 0.00	53.31 1.09 0.00	23.45 0.23 0.00	24.25 0.05 -0.17	16.59 -0.24 -0.04	24.36 -0.55 -0.02	27.93 -0.78 0.00	28.92 -1.02 0.00	21.65 -0.85 3.63	25.72 -1.05 8.08	36.45 -0.69 2.87	42.93 0.34 0.00	62.38 1.35 0.00	51.69 1.27 0.00	50.03 1.10 0.00	55.17 1.22 0.00	47.48 1.00 0.00
MADISON___COUNTY_LFGE 323628	52.60 1.32 0.00	46.92 1.20 0.00	41.15 1.09 0.00	43.42 1.16 0.00	53.67 1.43 0.00	62.89 1.87 0.00	229.75 8.08 0.00	111.98 3.79 0.00	53.67 1.46 0.00	23.77 0.55 0.00	24.78 0.48 -0.27	17.20 0.36 -0.06	25.35 0.42 -0.02	29.11 0.40 0.00	30.27 0.33 0.00	25.54 0.35 0.94	33.21 0.45 2.08	40.06 0.79 0.74	43.82 1.23 0.00	63.19 2.16 0.00	52.33 1.90 0.00	50.65 1.72 0.00	55.71 1.76 0.00	47.88 1.39 0.00
MALONE___115KV_TB1 356076	50.99 -0.29 0.00	45.56 -0.15 0.00	40.07 0.00 0.00	42.40 0.14 0.00	53.12 0.88 0.00	62.11 1.09 0.00	226.73 5.07 0.00	110.87 2.68 0.00	53.41 1.20 0.00	23.57 0.35 0.00	24.27 0.14 -0.10	16.11 -0.70 -0.02	23.31 -1.60 -0.01	26.27 -2.44 0.00	25.87 -4.07 0.00	-1.99 -3.99 24.14	-23.13 -4.23 53.74	18.29 -2.61 19.11	42.09 -0.50 0.00	60.85 -0.18 0.00	51.09 0.66 0.00	49.81 0.89 0.00	54.97 1.01 0.00	47.30 0.82 0.00
MAPLEWOD_115KV_TB3 80458	52.46 1.18 0.00	46.83 1.12 0.00	41.04 0.98 0.00	43.28 1.01 0.00	53.21 0.97 0.00	62.04 1.03 0.00	224.17 2.50 0.00	109.34 1.15 0.00	52.98 0.76 0.00	23.55 0.33 0.00	30.11 0.39 -5.70	18.57 0.52 -1.26	26.17 0.77 -0.50	29.33 0.61 0.00	30.38 0.44 0.00	26.51 0.38 0.00	35.39 0.55 0.00	41.01 1.00 0.00	43.60 1.01 0.00	62.33 1.31 0.00	51.30 0.87 0.00	49.57 0.65 0.00	54.62 0.67 0.00	47.08 0.60 0.00
MAPLE_RIDGE_WT_1 323574	50.70 -0.58 0.00	45.31 -0.41 0.00	39.84 -0.22 0.00	42.06 -0.20 0.00	52.17 -0.06 0.00	60.93 -0.09 0.00	221.25 -0.41 0.00	107.95 -0.23 0.00	52.17 -0.04 0.00	23.14 -0.08 0.00	23.82 -0.21 0.00	16.22 -0.58 0.00	23.76 -1.14 0.00	27.09 -1.62 0.00	27.58 -2.36 0.00	-7.91 -2.39 31.66	-38.46 -2.82 70.49	12.96 -1.98 25.07	41.93 -0.67 0.00	60.40 -0.63 0.00	50.03 -0.39 0.00	48.57 -0.35 0.00	53.72 -0.23 0.00	46.39 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	50.70 -0.58 0.00	45.31 -0.41 0.00	39.84 -0.22 0.00	42.06 -0.20 0.00	52.17 -0.06 0.00	60.93 -0.09 0.00	221.25 -0.41 0.00	107.95 -0.23 0.00	52.17 -0.04 0.00	23.14 -0.08 0.00	23.82 -0.21 0.00	16.22 -0.58 0.00	23.76 -1.14 0.00	27.09 -1.62 0.00	27.58 -2.36 0.00	-7.91 -2.39 31.66	-38.46 -2.82 70.49	12.96 -1.98 25.07	41.93 -0.67 0.00	60.40 -0.63 0.00	50.03 -0.39 0.00	48.57 -0.35 0.00	53.72 -0.23 0.00	46.39 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	50.33 -0.96 0.00	45.08 -0.63 0.00	39.70 -0.37 0.00	42.03 -0.23 0.00	52.65 0.41 0.00	61.53 0.51 0.00	224.42 2.76 0.00	109.65 1.47 0.00	52.95 0.74 0.00	23.43 0.21 0.00	24.16 0.04 -0.09	16.06 -0.75 -0.02	23.28 -1.63 -0.01	26.24 -2.48 0.00	25.73 -4.21 0.00	-3.84 -4.16 25.81	-26.88 -4.26 57.47	16.79 -2.78 20.44	41.87 -0.72 0.00	60.50 -0.53 0.00	50.71 0.28 0.00	49.48 0.56 0.00	54.64 0.68 0.00	47.03 0.54 0.00
MARSHVLE_115KV_TB1 80742	54.02 2.74 0.00	48.16 2.44 0.00	42.28 2.21 0.00	44.61 2.35 0.00	55.35 3.11 0.00	64.95 3.93 0.00	238.14 16.47 0.00	115.69 7.51 0.00	54.57 2.36 0.00	23.93 0.71 0.00	31.17 0.67 -6.48	18.81 0.58 -1.43	26.25 0.78 -0.56	29.51 0.80 0.00	30.61 0.67 0.00	26.62 0.49 0.00	35.59 0.75 0.00	41.24 1.23 0.00	44.96 2.37 0.00	65.43 4.41 0.00	54.32 3.89 0.00	52.57 3.64 0.00	57.81 3.86 0.00	49.69 3.21 0.00
MARSH_HILL_WT_PWR 323713	49.94 -1.35 0.00	45.04 -0.68 0.00	39.73 -0.34 0.00	41.81 -0.45 0.00	51.76 -0.48 0.00	60.68 -0.33 0.00	223.54 1.87 0.00	108.39 0.21 0.00	51.30 -0.92 0.00	22.81 -0.41 0.00	24.55 -0.39 -0.92	16.73 -0.26 -0.20	24.73 -0.26 -0.08	28.44 -0.28 0.00	29.50 -0.44 0.00	25.73 -0.40 0.00	34.11 -0.74 0.00	39.64 -0.37 0.00	42.80 0.21 0.00	61.16 0.13 0.00	51.24 0.81 0.00	49.94 1.01 0.00	54.92 0.97 0.00	47.40 0.91 0.00
MCINTYRE_115KV_TB2 80467	51.97 0.69 0.00	46.29 0.57 0.00	40.54 0.48 0.00	42.78 0.52 0.00	53.47 1.23 0.00	62.54 1.52 0.00	227.02 5.36 0.00	110.56 2.37 0.00	53.09 0.87 0.00	23.28 0.06 0.00	24.05 -0.10 -0.11	15.89 -0.93 -0.03	22.97 -1.94 -0.01	26.03 -2.68 0.00	26.01 -3.94 0.00	0.24 -3.97 21.92	-18.51 -4.55 48.80	20.00 -2.66 17.35	42.04 -0.55 0.00	60.86 -0.16 0.00	50.88 0.45 0.00	49.84 0.92 0.00	55.12 1.17 0.00	47.63 1.14 0.00
MECO_____69_KV_BK1 80468	54.57 3.29 0.00	48.62 2.90 0.00	42.64 2.57 0.00	44.97 2.71 0.00	55.72 3.48 0.00	65.37 4.35 0.00	239.26 17.60 0.00	115.89 7.71 0.00	54.44 2.23 0.00	23.65 0.43 0.00	30.58 0.31 -6.25	18.55 0.38 -1.38	26.02 0.58 -0.54	29.10 0.39 0.00	30.28 0.34 0.00	26.42 0.29 0.00	35.16 0.32 0.00	41.02 1.01 0.00	45.12 2.53 0.00	65.83 4.80 0.00	54.59 4.16 0.00	52.74 3.81 0.00	57.94 3.98 0.00	49.78 3.29 0.00
MENANDS___115KV_TB5 355628	52.18 0.90 0.00	46.60 0.89 0.00	40.85 0.78 0.00	43.07 0.81 0.00	52.93 0.69 0.00	61.66 0.64 0.00	222.55 0.88 0.00	108.56 0.37 0.00	52.66 0.44 0.00	23.45 0.23 0.00	30.03 0.31 -5.69	18.51 0.47 -1.26	26.08 0.68 -0.49	29.24 0.53 0.00	30.29 0.35 0.00	26.44 0.30 0.00	35.27 0.42 0.00	40.83 0.83 0.00	43.33 0.74 0.00	61.91 0.88 0.00	50.95 0.52 0.00	49.23 0.30 0.00	54.26 0.31 0.00	46.80 0.31 0.00
MG INDUSTRY___DRP 24185	52.24 0.96 0.00	46.68 0.96 0.00	40.90 0.84 0.00	43.17 0.91 0.00	53.11 0.87 0.00	61.89 0.88 0.00	223.67 2.00 0.00	108.82 0.63 0.00	52.59 0.38 0.00	23.36 0.14 0.00	29.76 0.15 -5.58	18.40 0.37 -1.23	25.94 0.56 -0.49	29.09 0.38 0.00	30.21 0.27 0.00	26.35 0.22 0.00	35.14 0.30 0.00	40.61 0.61 0.00	43.32 0.73 0.00	62.01 0.99 0.00	51.11 0.68 0.00	49.40 0.47 0.00	54.46 0.50 0.00	46.95 0.47 0.00

MID___OSWEGATCHIE_HYD 23849	50.12 -1.16 0.00	44.72 -1.00 0.00	39.37 -0.69 0.00	41.63 -0.63 0.00	51.92 -0.32 0.00	60.93 -0.09 0.00	222.07 0.41 0.00	108.10 -0.09 0.00	51.84 -0.37 0.00	22.69 -0.52 0.00	23.42 -0.77 -0.16	15.64 -1.18 -0.04	22.75 -2.17 -0.01	25.94 -2.78 0.00	26.39 -3.56 0.00	8.77 -3.37 13.99	-0.47 -4.17 31.15	25.70 -3.24 11.08	41.15 -1.44 0.00	59.88 -1.14 0.00	49.82 -0.60 0.00	48.53 -0.40 0.00	53.62 -0.34 0.00	46.23 -0.25 0.00
MID___RAQUETTE_HYD 23851	50.26 -1.02 0.00	44.79 -0.93 0.00	39.28 -0.79 0.00	41.48 -0.78 0.00	51.84 -0.40 0.00	60.64 -0.38 0.00	219.83 -1.84 0.00	107.21 -0.98 0.00	51.80 -0.41 0.00	22.80 -0.42 0.00	23.56 -0.59 -0.12	15.61 -1.21 -0.03	22.57 -2.34 -0.01	25.61 -3.10 0.00	25.64 -4.30 0.00	1.07 -4.29 20.77	-16.50 -5.10 46.25	19.96 -3.60 16.45	41.00 -1.60 0.00	59.13 -1.90 0.00	49.29 -1.14 0.00	48.31 -0.62 0.00	53.43 -0.53 0.00	46.15 -0.34 0.00
MILLIKEN___1 23584	52.46 1.18 0.00	46.78 1.06 0.00	40.99 0.93 0.00	43.27 1.00 0.00	53.37 1.13 0.00	62.52 1.50 0.00	228.53 6.87 0.00	111.41 3.22 0.00	53.25 1.04 0.00	23.58 0.36 0.00	25.26 0.35 -0.88	17.29 0.30 -0.20	25.40 0.42 -0.08	29.16 0.45 0.00	30.27 0.33 0.00	26.41 0.28 0.00	35.23 0.38 0.00	40.74 0.73 0.00	43.76 1.17 0.00	62.79 1.77 0.00	52.08 1.65 0.00	50.45 1.52 0.00	55.42 1.47 0.00	47.70 1.21 0.00
MILLIKEN___2 23585	52.46 1.18 0.00	46.78 1.06 0.00	40.99 0.93 0.00	43.27 1.00 0.00	53.37 1.13 0.00	62.52 1.50 0.00	228.53 6.87 0.00	111.41 3.22 0.00	53.25 1.04 0.00	23.58 0.36 0.00	25.26 0.35 -0.88	17.29 0.30 -0.20	25.40 0.42 -0.08	29.16 0.45 0.00	30.27 0.33 0.00	26.41 0.28 0.00	35.23 0.38 0.00	40.74 0.73 0.00	43.76 1.17 0.00	62.79 1.77 0.00	52.08 1.65 0.00	50.45 1.52 0.00	55.42 1.47 0.00	47.70 1.21 0.00
MILLIKEN___DIESEL 23629	52.46 1.18 0.00	46.78 1.06 0.00	40.99 0.93 0.00	43.27 1.00 0.00	53.37 1.13 0.00	62.52 1.50 0.00	228.53 6.87 0.00	111.41 3.22 0.00	53.25 1.04 0.00	23.58 0.36 0.00	25.26 0.35 -0.88	17.29 0.30 -0.20	25.40 0.42 -0.08	29.16 0.45 0.00	30.27 0.33 0.00	26.41 0.28 0.00	35.23 0.38 0.00	40.74 0.73 0.00	43.76 1.17 0.00	62.79 1.77 0.00	52.08 1.65 0.00	50.45 1.52 0.00	55.42 1.47 0.00	47.70 1.21 0.00
MILLSEAT___LFGE 323607	50.30 -0.98 0.00	44.84 -0.88 0.00	39.17 -0.89 0.00	41.21 -1.05 0.00	50.93 -1.31 0.00	59.54 -1.48 0.00	219.74 -1.92 0.00	106.15 -2.04 0.00	50.33 -1.88 0.00	22.63 -0.59 0.00	24.06 -0.61 -0.65	16.65 -0.29 -0.14	24.58 -0.37 -0.06	28.30 -0.42 0.00	29.40 -0.54 0.00	25.88 -0.25 0.00	34.59 -0.26 0.00	39.51 -0.49 0.00	41.87 -0.72 0.00	59.01 -2.02 0.00	49.23 -1.20 0.00	47.93 -1.00 0.00	53.00 -0.95 0.00	45.80 -0.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.10 1.82 0.00	47.24 1.53 0.00	41.39 1.33 0.00	43.73 1.47 0.00	53.84 1.60 0.00	62.89 1.88 0.00	228.39 6.73 0.00	112.14 3.96 0.00	54.28 2.07 0.00	24.18 0.96 0.00	29.79 1.03 -4.73	18.88 1.05 -1.04	26.78 1.47 -0.41	30.25 1.53 0.00	31.34 1.40 0.00	27.37 1.24 0.00	36.48 1.63 0.00	42.01 2.00 0.00	44.82 2.23 0.00	63.98 2.95 0.00	52.66 2.24 0.00	50.78 1.86 0.00	55.84 1.89 0.00	47.94 1.46 0.00
MILLWOOD_13_KV_LOAD 356217	53.18 1.90 0.00	47.30 1.58 0.00	41.45 1.39 0.00	43.78 1.52 0.00	53.91 1.67 0.00	62.98 1.97 0.00	228.74 7.07 0.00	112.33 4.14 0.00	54.36 2.15 0.00	24.22 1.00 0.00	29.81 1.06 -4.73	18.90 1.07 -1.04	26.81 1.49 -0.41	30.27 1.56 0.00	31.37 1.43 0.00	27.40 1.26 0.00	36.51 1.67 0.00	42.07 2.06 0.00	44.88 2.29 0.00	64.09 3.06 0.00	52.76 2.34 0.00	50.87 1.94 0.00	55.93 1.98 0.00	48.02 1.54 0.00
MODEL_CITY_ENERGY 24167	48.54 -2.75 0.00	43.29 -2.43 0.00	37.78 -2.28 0.00	39.73 -2.52 0.00	49.05 -3.19 0.00	57.26 -3.76 0.00	210.89 -10.77 0.00	101.72 -6.46 0.00	48.44 -3.77 0.00	21.99 -1.23 0.00	23.50 -1.21 -0.68	16.25 -0.69 -0.15	24.00 -0.96 -0.06	27.68 -1.03 0.00	28.77 -1.17 0.00	25.34 -0.80 0.00	33.74 -1.11 0.00	38.41 -1.60 0.00	40.35 -2.24 0.00	56.59 -4.43 0.00	47.19 -3.24 0.00	46.08 -2.85 0.00	51.12 -2.84 0.00	44.28 -2.21 0.00
MODERN_LFGE___ 323580	48.54 -2.75 0.00	43.29 -2.43 0.00	37.78 -2.28 0.00	39.73 -2.52 0.00	49.05 -3.19 0.00	57.26 -3.76 0.00	210.89 -10.77 0.00	101.72 -6.46 0.00	48.44 -3.77 0.00	21.99 -1.23 0.00	23.50 -1.21 -0.68	16.25 -0.69 -0.15	24.00 -0.96 -0.06	27.68 -1.03 0.00	28.77 -1.17 0.00	25.34 -0.80 0.00	33.74 -1.11 0.00	38.41 -1.60 0.00	40.35 -2.24 0.00	56.59 -4.43 0.00	47.19 -3.24 0.00	46.08 -2.85 0.00	51.12 -2.84 0.00	44.28 -2.21 0.00
MOHAWK_PAPER___DRP 24187	52.46 1.18 0.00	46.83 1.12 0.00	41.04 0.98 0.00	43.28 1.01 0.00	53.21 0.97 0.00	62.04 1.03 0.00	224.17 2.50 0.00	109.34 1.15 0.00	52.98 0.76 0.00	23.55 0.33 0.00	30.11 0.39 -5.70	18.57 0.52 -1.26	26.17 0.77 -0.50	29.33 0.61 0.00	30.38 0.44 0.00	26.51 0.38 0.00	35.39 0.55 0.00	41.01 1.00 0.00	43.60 1.01 0.00	62.33 1.31 0.00	51.30 0.87 0.00	49.57 0.65 0.00	54.62 0.67 0.00	47.08 0.60 0.00
MOHICAN___35_KV_115KV_LD 80490	53.86 2.58 0.00	48.10 2.38 0.00	42.10 2.04 0.00	44.40 2.14 0.00	54.70 2.47 0.00	63.94 2.92 0.00	233.21 11.55 0.00	113.36 5.17 0.00	54.60 2.39 0.00	23.96 0.74 0.00	30.54 0.68 -5.83	18.83 0.75 -1.29	26.48 1.07 -0.51	29.69 0.98 0.00	30.72 0.78 0.00	26.82 0.69 0.00	36.06 1.21 0.00	42.17 2.16 0.00	45.11 2.52 0.00	64.54 3.51 0.00	53.14 2.72 0.00	51.33 2.41 0.00	56.56 2.60 0.00	48.71 2.23 0.00
MONGAUP___HYD 23641	53.29 2.01 0.00	47.39 1.67 0.00	41.54 1.48 0.00	43.85 1.59 0.00	54.02 1.78 0.00	63.18 2.16 0.00	229.91 8.24 0.00	112.61 4.42 0.00	54.07 1.86 0.00	23.86 0.64 0.00	29.00 0.50 -4.47	18.57 0.79 -0.99	26.41 1.12 -0.39	29.82 1.11 0.00	30.89 0.94 0.00	26.98 0.84 0.00	35.95 1.10 0.00	41.32 1.31 0.00	44.03 1.44 0.00	63.31 2.28 0.00	52.26 1.84 0.00	50.52 1.59 0.00	56.25 2.30 0.00	48.17 1.68 0.00
MONTAUK___DIESEL 23721	56.77 1.30 -4.19	49.32 1.26 -2.34	41.25 0.98 -0.21	42.99 0.73 0.00	53.43 1.19 0.00	62.28 1.27 0.00	220.25 1.55 2.97	112.45 3.14 -1.13	56.89 2.05 -2.63	27.20 0.94 -3.04	31.47 1.33 -6.12	16.44 1.14 1.50	24.80 1.62 1.72	30.44 1.96 0.24	30.82 1.88 1.00	26.82 1.78 1.09	35.46 2.00 1.38	41.98 1.43 -0.55	47.75 3.13 -2.03	70.56 4.37 -5.17	59.42 3.90 -5.09	56.58 3.33 -4.33	61.92 3.69 -4.28	61.46 3.60 -11.38
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.22 0.93 0.00	46.61 0.89 0.00	40.82 0.76 0.00	42.99 0.73 0.00	53.11 0.87 0.00	62.10 1.08 0.00	229.09 7.43 0.00	111.04 2.85 0.00	52.66 0.45 0.00	23.92 0.70 0.00	25.64 0.83 -0.79	17.68 0.72 -0.17	25.88 0.91 -0.07	29.77 1.06 0.00	31.02 1.07 0.00	27.18 1.05 0.00	36.29 1.45 0.00	41.68 1.67 0.00	43.99 1.40 0.00	61.96 0.94 0.00	51.75 1.32 0.00	50.43 1.50 0.00	55.69 1.74 0.00	47.90 1.42 0.00

MORRIS_RIDGE___SOLAR 323848	49.87 -1.41 0.00	44.70 -1.02 0.00	39.34 -0.73 0.00	41.39 -0.87 0.00	51.18 -1.06 0.00	59.79 -1.23 0.00	219.74 -1.92 0.00	106.22 -1.97 0.00	50.10 -2.11 0.00	22.37 -0.86 0.00	24.11 -0.83 -0.91	16.51 -0.49 -0.20	24.37 -0.61 -0.08	28.00 -0.71 0.00	29.07 -0.87 0.00	25.44 -0.69 0.00	33.80 -1.05 0.00	39.26 -0.75 0.00	42.10 -0.49 0.00	59.93 -1.09 0.00	50.00 -0.43 0.00	48.72 -0.21 0.00	53.78 -0.18 0.00	46.44 -0.05 0.00
MORTIMER_115KV_TB3 55949	50.83 -0.45 0.00	45.27 -0.45 0.00	39.58 -0.49 0.00	41.68 -0.58 0.00	51.48 -0.76 0.00	60.17 -0.85 0.00	220.92 -0.74 0.00	107.17 -1.01 0.00	51.18 -1.04 0.00	22.93 -0.29 0.00	24.30 -0.26 -0.54	16.86 -0.05 -0.12	24.91 -0.03 -0.05	28.68 -0.04 0.00	29.81 -0.13 0.00	26.12 -0.01 0.00	34.83 -0.02 0.00	39.85 -0.15 0.00	42.27 -0.32 0.00	59.95 -1.08 0.00	49.79 -0.63 0.00	48.31 -0.62 0.00	53.30 -0.66 0.00	45.99 -0.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.54 2.25 0.00	47.60 1.88 0.00	41.67 1.61 0.00	44.02 1.76 0.00	54.23 1.99 0.00	63.37 2.35 0.00	230.29 8.62 0.00	113.26 5.08 0.00	54.93 2.72 0.00	24.49 1.27 0.00	30.17 1.36 -4.77	19.10 1.25 -1.06	27.06 1.75 -0.42	30.57 1.86 0.00	31.67 1.73 0.00	27.65 1.52 0.00	36.83 1.99 0.00	42.43 2.42 0.00	45.33 2.74 0.00	64.68 3.66 0.00	53.26 2.84 0.00	51.27 2.35 0.00	56.35 2.40 0.00	48.38 1.89 0.00
MUNSVILLE_WIND_PWR 323609	53.31 2.03 0.00	47.96 2.24 0.00	42.31 2.25 0.00	44.80 2.54 0.00	55.54 3.30 0.00	65.88 4.86 0.00	243.53 21.86 0.00	119.17 10.98 0.00	57.36 5.15 0.00	25.06 1.84 0.00	26.94 1.55 -1.36	18.38 1.29 -0.30	26.69 1.67 -0.12	30.68 1.97 0.00	31.64 1.70 0.00	27.48 1.35 0.00	36.57 1.72 0.00	42.78 2.77 0.00	46.39 3.80 0.00	67.35 6.32 0.00	55.93 5.50 0.00	53.95 5.02 0.00	59.28 5.33 0.00	50.82 4.33 0.00
N SALMON___HYD 24042	50.99 -0.29 0.00	45.57 -0.15 0.00	40.07 0.00 0.00	42.40 0.14 0.00	53.12 0.88 0.00	62.11 1.09 0.00	226.73 5.06 0.00	110.87 2.68 0.00	53.41 1.19 0.00	23.57 0.35 0.00	24.27 0.14 -0.10	16.11 -0.70 -0.02	23.31 -1.60 -0.01	26.27 -2.45 0.00	25.88 -4.07 0.00	-2.04 -4.04 24.14	-23.18 -4.29 53.74	18.26 -2.64 19.11	42.09 -0.50 0.00	60.85 -0.18 0.00	51.09 0.66 0.00	49.81 0.89 0.00	54.97 1.01 0.00	47.30 0.82 0.00
N.AKRON__115KV_KNAPP 355671	49.97 -1.32 0.00	44.56 -1.16 0.00	38.91 -1.15 0.00	40.93 -1.33 0.00	50.57 -1.66 0.00	59.11 -1.91 0.00	218.02 -3.64 0.00	105.28 -2.91 0.00	50.00 -2.21 0.00	22.53 -0.68 0.00	24.00 -0.68 -0.66	16.61 -0.33 -0.14	24.52 -0.44 -0.06	28.24 -0.47 0.00	29.34 -0.60 0.00	25.81 -0.32 0.00	34.44 -0.41 0.00	39.34 -0.67 0.00	41.60 -1.00 0.00	58.54 -2.48 0.00	48.83 -1.60 0.00	47.58 -1.35 0.00	52.69 -1.27 0.00	45.55 -0.94 0.00
N.BELMOR_69_KV_BK1 55787	68.97 2.43 -15.26	62.52 2.32 -14.49	43.32 1.91 -1.34	44.18 1.92 -0.01	54.47 2.23 0.00	63.38 2.37 0.00	229.13 7.87 0.41	114.66 4.87 -1.61	63.38 2.81 -8.35	43.40 1.35 -18.83	40.52 1.45 -15.04	27.38 1.25 -9.35	33.97 1.72 -7.35	31.37 1.88 -0.77	36.33 1.78 -4.60	35.77 1.64 -8.00	41.62 2.09 -4.68	51.49 2.39 -9.09	57.26 2.62 -12.04	84.83 3.64 -20.16	84.61 2.94 -31.25	79.35 2.54 -27.89	76.09 2.62 -19.51	69.99 2.24 -21.26
N.E_GEN_SANDY PD 24062	52.63 1.35 0.00	46.91 1.19 0.00	41.09 1.03 0.00	43.35 1.09 0.00	53.33 1.09 0.00	62.27 1.25 0.00	225.47 3.81 0.00	108.35 1.97 1.81	37.43 1.23 16.00	22.41 0.52 1.32	29.79 0.56 -5.20	18.64 0.70 -1.15	26.37 1.02 -0.45	29.66 0.95 0.00	30.70 0.76 0.00	22.75 0.63 4.02	35.57 0.93 0.20	39.15 1.44 2.30	44.04 1.45 0.00	46.48 1.84 16.38	51.58 1.16 0.00	50.38 0.85 -0.60	53.40 0.92 1.47	48.57 0.73 -1.35
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.89 1.61 0.00	47.05 1.33 0.00	41.27 1.20 0.00	43.59 1.33 0.00	53.65 1.41 0.00	62.64 1.62 0.00	227.38 5.72 0.00	111.67 3.49 0.00	54.03 1.82 0.00	24.08 0.86 0.00	29.61 0.94 -4.64	18.81 0.99 -1.03	26.70 1.39 -0.40	30.16 1.45 0.00	31.27 1.33 0.00	27.30 1.17 0.00	36.40 1.55 0.00	41.87 1.86 0.00	44.63 2.04 0.00	63.73 2.70 0.00	52.45 2.03 0.00	50.63 1.70 0.00	55.68 1.73 0.00	47.79 1.30 0.00
N.QUEENS_27_KV_LOAD 356247	53.44 2.16 0.00	47.46 1.75 0.00	41.55 1.49 0.00	43.89 1.64 0.00	54.07 1.84 0.00	63.15 2.13 0.00	231.18 7.71 -1.81	113.25 5.06 0.00	56.25 2.89 -1.14	24.63 1.41 0.01	30.33 1.54 -4.77	19.21 1.37 -1.05	27.23 1.92 -0.41	30.82 2.11 0.01	31.93 2.00 0.01	27.88 1.75 0.01	36.97 2.13 0.01	42.37 2.36 0.00	45.22 2.63 0.00	64.63 3.60 0.00	53.39 2.84 -0.12	51.58 2.32 -0.33	56.28 2.32 -0.01	48.32 1.83 0.00
N.TROY___115KV_TB1 355778	52.49 1.21 0.00	46.83 1.12 0.00	41.02 0.95 0.00	43.26 1.00 0.00	53.25 1.01 0.00	62.16 1.15 0.00	224.87 3.20 0.00	109.62 1.44 0.00	53.10 0.89 0.00	23.52 0.30 0.00	30.11 0.35 -5.74	18.54 0.48 -1.27	26.12 0.72 -0.50	29.29 0.58 0.00	30.33 0.38 0.00	26.45 0.32 0.00	35.39 0.54 0.00	41.08 1.07 0.00	43.71 1.12 0.00	62.48 1.45 0.00	51.34 0.92 0.00	49.62 0.69 0.00	54.74 0.79 0.00	47.17 0.68 0.00
NARROWS_GT1_1 24228	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT1_2 24229	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT1_3 24230	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT1_4 24231	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07

NARROWS_GT1_5 24232	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT1_6 24233	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT1_7 24234	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT1_8 24235	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT2_1 24236	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT2_2 24237	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT2_3 24238	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT2_4 24239	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT2_5 24240	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT2_6 24241	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT2_7 24242	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NARROWS_GT2_8 24243	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	53.25 1.97 0.00	47.58 1.86 0.00	41.68 1.62 0.00	43.96 1.69 0.00	54.10 1.86 0.00	63.08 2.06 0.00	228.69 7.02 0.00	111.26 3.08 0.00	53.54 1.33 0.00	23.66 0.44 0.00	29.83 0.37 -5.43	18.48 0.49 -1.20	26.08 0.70 -0.47	29.22 0.51 0.00	30.33 0.38 0.00	26.47 0.34 0.00	35.29 0.44 0.00	41.04 1.03 0.00	43.84 1.25 0.00	63.14 2.12 0.00	52.16 1.74 0.00	50.40 1.47 0.00	55.41 1.46 0.00	47.74 1.25 0.00
NCHELSEA_115KV_TR2 355582	53.54 2.26 0.00	47.64 1.92 0.00	41.74 1.68 0.00	44.07 1.81 0.00	54.28 2.04 0.00	63.45 2.43 0.00	230.63 8.97 0.00	113.11 4.93 0.00	54.66 2.44 0.00	24.30 1.08 0.00	29.90 1.12 -4.75	18.94 1.10 -1.05	26.88 1.57 -0.41	30.35 1.63 0.00	31.43 1.49 0.00	27.45 1.32 0.00	36.63 1.78 0.00	42.29 2.28 0.00	45.12 2.53 0.00	64.47 3.44 0.00	53.04 2.61 0.00	51.17 2.25 0.00	56.23 2.28 0.00	48.26 1.77 0.00
NEG CAPITAL___MECHNVIL 23645	53.45 2.16 0.00	47.66 1.94 0.00	41.73 1.66 0.00	44.00 1.74 0.00	54.22 1.98 0.00	63.39 2.37 0.00	230.30 8.63 0.00	112.12 3.94 0.00	54.08 1.87 0.00	23.86 0.64 0.00	30.49 0.66 -5.80	18.78 0.71 -1.28	26.45 1.05 -0.51	29.65 0.94 0.00	30.72 0.78 0.00	26.81 0.68 0.00	35.93 1.08 0.00	41.78 1.78 0.00	44.65 2.06 0.00	63.90 2.88 0.00	52.54 2.12 0.00	50.74 1.81 0.00	55.92 1.96 0.00	48.13 1.64 0.00

NEG CENTRAL_HIGH_ACRES 23767	50.28 -1.00 0.00	44.77 -0.95 0.00	39.16 -0.90 0.00	41.26 -1.00 0.00	50.93 -1.31 0.00	59.56 -1.45 0.00	218.55 -3.11 0.00	106.11 -2.08 0.00	50.70 -1.51 0.00	22.67 -0.55 0.00	24.00 -0.55 -0.52	16.64 -0.27 -0.11	24.58 -0.37 -0.05	28.29 -0.42 0.00	29.41 -0.53 0.00	25.75 -0.38 0.00	34.37 -0.48 0.00	39.42 -0.59 0.00	41.87 -0.72 0.00	59.53 -1.50 0.00	49.37 -1.05 0.00	47.85 -1.08 0.00	52.71 -1.24 0.00	45.45 -1.04 0.00
NEG CENTRAL___DRP 24199	51.85 0.57 0.00	46.24 0.52 0.00	40.53 0.47 0.00	42.73 0.47 0.00	52.68 0.44 0.00	61.58 0.57 0.00	224.58 2.91 0.00	109.40 1.21 0.00	52.35 0.14 0.00	23.37 0.15 0.00	24.73 0.13 -0.57	17.11 0.19 -0.13	25.18 0.23 -0.05	29.02 0.30 0.00	30.13 0.19 0.00	26.35 0.22 0.00	35.11 0.27 0.00	40.57 0.56 0.00	43.32 0.73 0.00	61.82 0.79 0.00	51.26 0.83 0.00	49.68 0.75 0.00	54.62 0.66 0.00	47.11 0.63 0.00
NEG CENTRAL___INDECK 23768	52.17 0.89 0.00	46.60 0.88 0.00	40.89 0.82 0.00	43.05 0.79 0.00	53.33 1.09 0.00	62.50 1.48 0.00	231.13 9.47 0.00	111.79 3.61 0.00	52.42 0.21 0.00	23.14 -0.08 0.00	24.74 -0.06 -0.77	17.03 0.07 -0.17	25.17 0.20 -0.07	28.92 0.20 0.00	30.01 0.06 0.00	26.25 0.12 0.00	34.98 0.13 0.00	40.41 0.41 0.00	43.54 0.96 0.00	62.40 1.37 0.00	52.14 1.72 0.00	50.71 1.79 0.00	55.79 1.83 0.00	47.98 1.49 0.00
NEG CENTRAL___SENECA 23627	51.95 0.67 0.00	46.35 0.63 0.00	40.67 0.60 0.00	42.85 0.59 0.00	52.84 0.60 0.00	61.67 0.65 0.00	224.67 3.01 0.00	109.43 1.25 0.00	52.34 0.13 0.00	23.43 0.21 0.00	24.82 0.16 -0.64	17.15 0.22 -0.14	25.21 0.25 -0.06	29.08 0.37 0.00	30.16 0.22 0.00	26.41 0.27 0.00	35.17 0.32 0.00	40.69 0.68 0.00	43.46 0.86 0.00	61.93 0.90 0.00	51.39 0.97 0.00	49.83 0.91 0.00	54.81 0.86 0.00	47.32 0.83 0.00
NEG CENTRAL___STATE_STREET 24147	52.03 0.75 0.00	46.39 0.67 0.00	40.52 0.46 0.00	42.88 0.63 0.00	52.71 0.48 0.00	61.83 0.82 0.00	225.88 4.22 0.00	109.97 1.79 0.00	52.63 0.42 0.00	23.40 0.18 0.00	24.78 0.20 -0.56	17.11 0.19 -0.12	25.25 0.30 -0.05	29.04 0.33 0.00	30.19 0.25 0.00	26.36 0.23 0.00	35.14 0.29 0.00	40.54 0.53 0.00	43.37 0.77 0.00	61.89 0.87 0.00	51.39 0.97 0.00	49.82 0.89 0.00	54.61 0.66 0.00	47.14 0.65 0.00
NEG MILLWOOD___DRP 24198	53.75 2.47 0.00	47.82 2.10 0.00	41.90 1.83 0.00	44.23 1.97 0.00	54.49 2.25 0.00	63.71 2.69 0.00	231.74 10.08 0.00	113.71 5.52 0.00	54.96 2.75 0.00	24.45 1.23 0.00	30.09 1.28 -4.79	19.05 1.20 -1.06	27.03 1.71 -0.42	30.51 1.79 0.00	31.59 1.64 0.00	27.58 1.45 0.00	36.80 1.95 0.00	42.46 2.45 0.00	45.32 2.73 0.00	64.75 3.72 0.00	53.31 2.89 0.00	51.39 2.47 0.00	56.46 2.50 0.00	48.45 1.96 0.00
NEG NORTH_FLCN_SEA 23793	51.02 -0.26 0.00	45.68 -0.04 0.00	40.18 0.11 0.00	42.54 0.28 0.00	53.30 1.06 0.00	62.39 1.37 0.00	228.01 6.35 0.00	111.35 3.17 0.00	53.69 1.48 0.00	23.75 0.53 0.00	24.46 0.34 -0.09	16.28 -0.53 -0.02	23.58 -1.33 -0.01	26.60 -2.11 0.00	26.04 -3.90 0.00	-3.54 -3.86 25.81	-26.43 -3.80 57.47	17.32 -2.26 20.44	42.39 -0.20 0.00	61.22 0.20 0.00	51.38 0.96 0.00	50.20 1.27 0.00	55.42 1.46 0.00	47.71 1.23 0.00
NEG NORTH_KES_CHATEGAY 23792	50.23 -1.05 0.00	45.02 -0.69 0.00	39.64 -0.42 0.00	41.99 -0.27 0.00	52.62 0.38 0.00	61.49 0.47 0.00	224.38 2.72 0.00	109.65 1.47 0.00	52.94 0.73 0.00	23.42 0.20 0.00	24.14 0.02 -0.10	16.04 -0.77 -0.02	23.24 -1.67 -0.01	26.17 -2.55 0.00	25.62 -4.32 0.00	-3.35 -4.21 25.26	-25.73 -4.33 56.25	17.15 -2.86 20.00	41.77 -0.82 0.00	60.42 -0.60 0.00	50.66 0.24 0.00	49.42 0.50 0.00	54.58 0.62 0.00	46.98 0.49 0.00
NEG NORTH___ALICE_FALLS 23915	51.40 0.12 0.00	45.97 0.25 0.00	40.42 0.36 0.00	42.79 0.53 0.00	53.71 1.47 0.00	62.87 1.86 0.00	230.11 8.45 0.00	112.36 4.17 0.00	54.03 1.82 0.00	23.85 0.63 0.00	24.55 0.43 -0.09	16.35 -0.47 -0.02	23.65 -1.26 -0.01	26.68 -2.03 0.00	26.10 -3.84 0.00	-3.47 -3.79 25.81	-26.32 -3.70 57.47	17.46 -2.11 20.44	42.64 0.05 0.00	61.65 0.62 0.00	51.84 1.41 0.00	50.59 1.67 0.00	55.79 1.84 0.00	48.00 1.52 0.00
NEG NORTH___LWR_SARANAC 23913	51.40 0.12 0.00	45.97 0.25 0.00	40.42 0.36 0.00	42.79 0.53 0.00	53.71 1.47 0.00	62.87 1.86 0.00	230.11 8.45 0.00	112.36 4.17 0.00	54.03 1.82 0.00	23.85 0.63 0.00	24.55 0.43 -0.09	16.35 -0.47 -0.02	23.65 -1.26 -0.01	26.68 -2.03 0.00	26.10 -3.84 0.00	-3.47 -3.79 25.81	-26.32 -3.70 57.47	17.46 -2.11 20.44	42.64 0.05 0.00	61.65 0.62 0.00	51.84 1.41 0.00	50.59 1.67 0.00	55.79 1.84 0.00	48.00 1.52 0.00
NEG NORTH___PLATTSBURG 23628	51.40 0.12 0.00	45.98 0.26 0.00	40.42 0.36 0.00	42.79 0.53 0.00	53.71 1.47 0.00	62.87 1.86 0.00	230.12 8.45 0.00	112.36 4.17 0.00	54.03 1.82 0.00	23.85 0.63 0.00	24.56 0.44 -0.09	16.35 -0.47 -0.02	23.65 -1.26 -0.01	26.68 -2.04 0.00	26.10 -3.84 0.00	-3.52 -3.84 25.81	-26.37 -3.75 57.47	17.42 -2.15 20.44	42.64 0.05 0.00	61.65 0.62 0.00	51.84 1.41 0.00	50.59 1.67 0.00	55.79 1.84 0.00	48.00 1.52 0.00
NEG WEST_LEA_LOCKPORT 23791	49.04 -2.24 0.00	43.74 -1.98 0.00	38.20 -1.86 0.00	40.17 -2.09 0.00	49.61 -2.63 0.00	57.90 -3.12 0.00	213.20 -8.46 0.00	102.87 -5.32 0.00	48.96 -3.25 0.00	22.18 -1.04 0.00	23.70 -1.01 -0.68	16.38 -0.56 -0.15	24.20 -0.76 -0.06	27.91 -0.80 0.00	29.01 -0.93 0.00	25.52 -0.61 0.00	33.95 -0.89 0.00	38.76 -1.25 0.00	40.82 -1.77 0.00	57.29 -3.73 0.00	47.78 -2.65 0.00	46.61 -2.32 0.00	51.69 -2.27 0.00	44.75 -1.73 0.00
NEG WEST___LANCASTR 23811	50.72 -0.57 0.00	45.28 -0.44 0.00	39.65 -0.42 0.00	41.70 -0.56 0.00	51.42 -0.82 0.00	59.90 -1.12 0.00	219.97 -1.70 0.00	106.48 -1.71 0.00	50.78 -1.43 0.00	23.06 -0.16 0.00	24.74 -0.07 -0.78	17.05 0.08 -0.17	25.10 0.12 -0.07	28.96 0.24 0.00	30.08 0.14 0.00	26.37 0.24 0.00	35.19 0.34 0.00	40.74 0.73 0.00	42.87 0.28 0.00	60.33 -0.70 0.00	50.25 -0.18 0.00	48.97 0.04 0.00	54.21 0.26 0.00	46.84 0.35 0.00
NEG_PENN_ALLEGHNY 23528	51.83 0.55 0.00	46.22 0.50 0.00	40.60 0.53 0.00	42.76 0.50 0.00	52.71 0.47 0.00	61.54 0.52 0.00	224.46 2.79 0.00	109.91 1.72 0.00	52.58 0.37 0.00	23.56 0.34 0.00	25.82 0.39 -1.41	17.54 0.44 -0.31	25.61 0.58 -0.12	29.36 0.65 0.00	30.46 0.52 0.00	26.59 0.46 0.00	35.41 0.56 0.00	40.81 0.80 0.00	43.36 0.77 0.00	61.91 0.89 0.00	51.27 0.85 0.00	49.70 0.78 0.00	54.76 0.80 0.00	47.12 0.63 0.00
NEG___GEN_MONROE 24207	51.12 -0.16 0.00	45.54 -0.18 0.00	39.85 -0.21 0.00	41.90 -0.36 0.00	51.79 -0.45 0.00	60.73 -0.29 0.00	222.59 0.93 0.00	108.12 -0.07 0.00	51.38 -0.83 0.00	22.97 -0.25 0.00	24.34 -0.24 -0.55	16.89 -0.02 -0.12	24.94 -0.01 -0.05	28.69 -0.03 0.00	29.82 -0.12 0.00	26.16 0.03 0.00	34.93 0.08 0.00	39.99 -0.03 0.00	42.55 -0.04 0.00	60.24 -0.79 0.00	50.10 -0.33 0.00	48.60 -0.32 0.00	53.64 -0.32 0.00	46.36 -0.12 0.00

NEPA___ENERGY 23901	51.35 0.07 0.00	45.77 0.06 0.00	40.23 0.16 0.00	42.29 0.03 0.00	52.03 -0.21 0.00	60.61 -0.41 0.00	222.54 0.88 0.00	107.94 -0.25 0.00	51.27 -0.95 0.00	23.38 0.16 0.00	25.14 0.32 -0.79	17.36 0.40 -0.17	25.42 0.45 -0.07	29.37 0.66 0.00	30.49 0.55 0.00	26.73 0.60 0.00	35.61 0.76 0.00	40.80 0.79 0.00	42.93 0.34 0.00	60.50 -0.53 0.00	50.44 0.02 0.00	49.21 0.28 0.00	54.38 0.43 0.00	46.90 0.41 0.00
NEVERSink___HYD 23608	53.93 2.64 0.00	48.30 2.58 0.00	42.39 2.32 0.00	44.76 2.50 0.00	55.20 2.96 0.00	64.57 3.55 0.00	234.83 13.16 0.00	115.01 6.83 0.00	55.50 3.29 0.00	24.61 1.39 0.00	29.89 1.39 -4.47	19.09 1.31 -0.99	27.15 1.86 -0.39	30.68 1.96 0.00	31.74 1.80 0.00	27.73 1.60 0.00	37.03 2.19 0.00	42.82 2.81 0.00	45.81 3.22 0.00	65.48 4.45 0.00	53.88 3.45 0.00	52.01 3.08 0.00	57.17 3.22 0.00	49.07 2.59 0.00
NEWKRMKL_115KV_TB1 55635	52.04 0.76 0.00	46.51 0.79 0.00	40.76 0.69 0.00	42.98 0.72 0.00	52.82 0.58 0.00	61.46 0.44 0.00	221.89 0.23 0.00	108.24 0.05 0.00	52.46 0.24 0.00	23.38 0.16 0.00	29.96 0.24 -5.69	18.48 0.44 -1.26	26.03 0.63 -0.50	29.19 0.47 0.00	30.23 0.29 0.00	26.40 0.26 0.00	35.17 0.33 0.00	40.68 0.67 0.00	43.18 0.59 0.00	61.71 0.68 0.00	50.86 0.43 0.00	49.14 0.22 0.00	54.10 0.14 0.00	46.67 0.18 0.00
NEWTON___FALLS_HYD 23847	50.12 -1.16 0.00	44.72 -1.00 0.00	39.37 -0.69 0.00	41.63 -0.63 0.00	51.92 -0.32 0.00	60.93 -0.09 0.00	222.07 0.41 0.00	108.10 -0.09 0.00	51.84 -0.37 0.00	22.69 -0.52 0.00	23.42 -0.77 -0.16	15.64 -1.18 -0.04	22.75 -2.17 -0.01	25.94 -2.78 0.00	26.39 -3.56 0.00	8.77 -3.37 13.99	-0.47 -4.17 31.15	25.70 -3.24 11.08	41.15 -1.44 0.00	59.88 -1.14 0.00	49.82 -0.60 0.00	48.53 -0.40 0.00	53.62 -0.34 0.00	46.23 -0.25 0.00
NGRID_A1_DSASP 323792	48.38 -2.90 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.98 -4.04 0.00	209.55 -12.12 0.00	100.97 -7.21 0.00	48.18 -4.03 0.00	21.91 -1.31 0.00	23.43 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.67 -1.04 0.00	28.79 -1.15 0.00	25.33 -0.80 0.00	33.71 -1.14 0.00	38.29 -1.72 0.00	40.21 -2.38 0.00	56.30 -4.73 0.00	46.89 -3.54 0.00	45.75 -3.17 0.00	50.78 -3.18 0.00	44.07 -2.42 0.00
NGRID_A2_DSASP 323793	48.38 -2.90 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.98 -4.04 0.00	209.55 -12.12 0.00	100.97 -7.21 0.00	48.18 -4.03 0.00	21.91 -1.31 0.00	23.43 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.67 -1.04 0.00	28.79 -1.15 0.00	25.33 -0.80 0.00	33.71 -1.14 0.00	38.29 -1.72 0.00	40.21 -2.38 0.00	56.30 -4.73 0.00	46.89 -3.54 0.00	45.75 -3.17 0.00	50.78 -3.18 0.00	44.07 -2.42 0.00
NGRID_A4_DSASP 323807	48.38 -2.90 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.98 -4.04 0.00	209.55 -12.12 0.00	100.97 -7.21 0.00	48.18 -4.03 0.00	21.91 -1.31 0.00	23.43 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.67 -1.04 0.00	28.79 -1.15 0.00	25.33 -0.80 0.00	33.71 -1.14 0.00	38.29 -1.72 0.00	40.21 -2.38 0.00	56.30 -4.73 0.00	46.89 -3.54 0.00	45.75 -3.17 0.00	50.78 -3.18 0.00	44.07 -2.42 0.00
NIAGARA_115E_LBMP 323715	48.24 -3.05 0.00	43.03 -2.69 0.00	37.55 -2.52 0.00	39.48 -2.78 0.00	48.73 -3.51 0.00	56.87 -4.15 0.00	209.39 -12.27 0.00	101.00 -7.18 0.00	48.13 -4.08 0.00	21.87 -1.35 0.00	23.39 -1.33 -0.69	16.17 -0.77 -0.15	23.87 -1.09 -0.06	27.55 -1.17 0.00	28.64 -1.31 0.00	25.22 -0.91 0.00	33.57 -1.28 0.00	38.20 -1.81 0.00	40.09 -2.50 0.00	56.19 -4.83 0.00	46.84 -3.59 0.00	45.74 -3.18 0.00	50.79 -3.16 0.00	44.01 -2.48 0.00
NIAGARA_115W_LBMP 323714	48.23 -3.05 0.00	43.00 -2.72 0.00	37.53 -2.54 0.00	39.45 -2.81 0.00	48.70 -3.54 0.00	56.79 -4.23 0.00	208.84 -12.82 0.00	100.65 -7.54 0.00	48.03 -4.19 0.00	21.84 -1.38 0.00	23.36 -1.36 -0.69	16.15 -0.80 -0.15	23.87 -1.09 -0.06	27.58 -1.13 0.00	28.69 -1.25 0.00	25.25 -0.89 0.00	33.60 -1.25 0.00	38.17 -1.84 0.00	40.07 -2.52 0.00	56.11 -4.91 0.00	46.73 -3.69 0.00	45.61 -3.31 0.00	50.62 -3.33 0.00	43.93 -2.56 0.00
NIAGARA_230_LBMP 323716	48.77 -2.52 0.00	43.47 -2.25 0.00	37.97 -2.10 0.00	39.91 -2.35 0.00	49.27 -2.97 0.00	57.43 -3.59 0.00	211.08 -10.58 0.00	101.80 -6.39 0.00	48.56 -3.65 0.00	22.07 -1.15 0.00	23.59 -1.12 -0.68	16.32 -0.63 -0.15	24.12 -0.84 -0.06	27.86 -0.85 0.00	28.98 -0.97 0.00	25.49 -0.64 0.00	33.92 -0.93 0.00	38.58 -1.43 0.00	40.52 -2.07 0.00	56.77 -4.25 0.00	47.29 -3.14 0.00	46.12 -2.80 0.00	51.14 -2.81 0.00	44.39 -2.10 0.00
NIAGARA___115KV_198_GIBSON 55903	48.23 -3.06 0.00	43.00 -2.72 0.00	37.52 -2.54 0.00	39.45 -2.81 0.00	48.69 -3.54 0.00	56.78 -4.24 0.00	208.84 -12.83 0.00	100.65 -7.54 0.00	48.03 -4.18 0.00	21.84 -1.38 0.00	23.36 -1.35 -0.69	16.15 -0.80 -0.15	23.87 -1.09 -0.06	27.57 -1.14 0.00	28.69 -1.25 0.00	25.22 -0.91 0.00	33.53 -1.32 0.00	38.15 -1.86 0.00	40.07 -2.52 0.00	56.10 -4.93 0.00	46.73 -3.70 0.00	45.61 -3.32 0.00	50.65 -3.31 0.00	43.93 -2.56 0.00
NIAGARA___ 23760	48.77 -2.52 0.00	43.47 -2.25 0.00	37.97 -2.10 0.00	39.91 -2.35 0.00	49.27 -2.97 0.00	57.43 -3.59 0.00	211.08 -10.58 0.00	101.80 -6.39 0.00	48.56 -3.65 0.00	22.07 -1.15 0.00	23.60 -1.12 -0.69	16.32 -0.63 -0.15	24.12 -0.84 -0.06	27.86 -0.85 0.00	28.98 -0.97 0.00	25.49 -0.64 0.00	33.92 -0.93 0.00	38.58 -1.43 0.00	40.52 -2.07 0.00	56.77 -4.25 0.00	47.29 -3.14 0.00	46.12 -2.80 0.00	51.14 -2.81 0.00	44.39 -2.10 0.00
NINE_MILE_1 23575	50.12 -1.16 0.00	44.68 -1.04 0.00	39.15 -0.92 0.00	41.28 -0.98 0.00	50.98 -1.26 0.00	59.59 -1.42 0.00	216.97 -4.69 0.00	105.79 -2.40 0.00	50.89 -1.32 0.00	22.66 -0.56 0.00	23.73 -0.58 -0.27	16.51 -0.34 -0.06	24.43 -0.50 -0.02	28.10 -0.61 0.00	29.25 -0.70 0.00	25.54 -0.60 0.00	34.05 -0.80 0.00	39.15 -0.85 0.00	41.73 -0.86 0.00	59.71 -1.32 0.00	49.38 -1.05 0.00	47.86 -1.06 0.00	52.75 -1.21 0.00	45.43 -1.05 0.00
NINE_MILE_2 23744	50.13 -1.15 0.00	44.68 -1.04 0.00	39.15 -0.91 0.00	41.29 -0.97 0.00	50.99 -1.25 0.00	59.59 -1.42 0.00	216.97 -4.69 0.00	105.80 -2.39 0.00	50.91 -1.31 0.00	22.66 -0.56 0.00	23.72 -0.58 -0.27	16.51 -0.34 -0.06	24.43 -0.50 -0.02	28.11 -0.61 0.00	29.25 -0.70 0.00	25.54 -0.60 0.00	34.05 -0.80 0.00	39.16 -0.85 0.00	41.73 -0.86 0.00	59.71 -1.32 0.00	49.38 -1.04 0.00	47.87 -1.05 0.00	52.75 -1.20 0.00	45.44 -1.05 0.00
NM_CAPITAL___DRP 24208	52.08 0.80 0.00	46.54 0.82 0.00	40.78 0.71 0.00	43.01 0.75 0.00	52.84 0.60 0.00	61.54 0.52 0.00	221.98 0.32 0.00	108.30 0.11 0.00	52.54 0.33 0.00	23.41 0.18 0.00	29.97 0.27 -5.67	18.49 0.44 -1.25	26.05 0.65 -0.49	29.21 0.50 0.00	30.25 0.31 0.00	26.40 0.26 0.00	35.20 0.36 0.00	40.75 0.74 0.00	43.23 0.63 0.00	61.76 0.73 0.00	50.86 0.43 0.00	49.14 0.21 0.00	54.14 0.19 0.00	46.70 0.22 0.00

NM_CENTRAL___DRP 24181	51.18 -0.10 0.00	45.61 -0.11 0.00	39.96 -0.10 0.00	42.13 -0.13 0.00	52.02 -0.22 0.00	60.82 -0.20 0.00	221.82 0.16 0.00	108.13 -0.05 0.00	51.94 -0.28 0.00	23.14 -0.08 0.00	24.35 -0.07 -0.39	16.91 0.03 -0.09	24.97 0.04 -0.03	28.74 0.02 0.00	29.89 -0.05 0.00	25.59 -0.03 0.52	33.63 -0.05 1.16	39.64 0.05 0.41	42.68 0.09 0.00	61.06 0.03 0.00	50.51 0.08 0.00	48.93 0.00 0.00	53.89 -0.06 0.00	46.38 -0.11 0.00
NM_FRONTIER___DRP 24179	48.23 -3.06 0.00	43.00 -2.72 0.00	37.52 -2.54 0.00	39.45 -2.81 0.00	48.69 -3.54 0.00	56.78 -4.24 0.00	208.84 -12.83 0.00	100.65 -7.54 0.00	48.03 -4.18 0.00	21.84 -1.38 0.00	23.36 -1.35 -0.69	16.15 -0.80 -0.15	23.87 -1.09 -0.06	27.57 -1.14 0.00	28.69 -1.25 0.00	25.22 -0.91 0.00	33.53 -1.32 0.00	38.15 -1.86 0.00	40.07 -2.52 0.00	56.10 -4.93 0.00	46.73 -3.70 0.00	45.61 -3.32 0.00	50.65 -3.31 0.00	43.93 -2.56 0.00
NM_ST_REGIS___HYD 24053	50.45 -0.83 0.00	44.99 -0.73 0.00	39.49 -0.58 0.00	41.73 -0.53 0.00	52.20 -0.04 0.00	61.06 0.05 0.00	221.82 0.15 0.00	108.25 0.06 0.00	52.24 0.02 0.00	23.00 -0.22 0.00	23.74 -0.40 -0.12	15.73 -1.09 -0.03	22.76 -2.15 -0.01	25.76 -2.95 0.00	25.68 -4.26 0.00	0.45 -4.21 21.47	-17.84 -4.90 47.80	19.65 -3.37 17.00	41.25 -1.34 0.00	59.58 -1.45 0.00	49.79 -0.64 0.00	48.72 -0.20 0.00	53.86 -0.09 0.00	46.47 -0.02 0.00
NORTHPORT___1 23551	57.12 2.06 -3.78	49.60 2.01 -1.88	41.81 1.57 -0.16	43.81 1.55 0.00	54.16 1.92 0.00	62.96 1.94 0.00	223.57 4.79 2.89	112.82 3.52 -1.11	57.20 2.46 -2.53	26.86 1.20 -2.44	31.08 1.27 -5.78	15.96 1.07 1.90	24.26 1.42 2.06	30.01 1.57 0.28	30.20 1.47 1.21	26.11 1.40 1.43	34.88 1.65 1.61	41.91 1.68 -0.22	46.43 2.20 -1.64	68.79 3.17 -4.59	57.16 2.63 -4.10	54.68 2.22 -3.53	60.15 2.43 -3.76	59.80 2.28 -11.03
NORTHPORT___2 23552	57.12 2.06 -3.78	49.60 2.01 -1.88	41.81 1.57 -0.16	43.81 1.55 0.00	54.16 1.92 0.00	62.96 1.94 0.00	223.57 4.79 2.89	112.82 3.52 -1.11	57.20 2.46 -2.53	26.86 1.20 -2.44	31.08 1.27 -5.78	15.96 1.07 1.90	24.26 1.42 2.06	30.01 1.57 0.28	30.20 1.47 1.21	26.11 1.40 1.43	34.88 1.65 1.61	41.91 1.68 -0.22	46.43 2.20 -1.64	68.79 3.17 -4.59	57.16 2.63 -4.10	54.68 2.22 -3.53	60.15 2.43 -3.76	59.80 2.28 -11.03
NORTHPORT___3 23553	57.63 2.38 -3.97	50.06 2.26 -2.09	42.06 1.81 -0.19	44.07 1.81 0.00	54.43 2.19 0.00	63.42 2.40 0.00	225.85 7.21 3.03	113.83 4.51 -1.13	57.51 2.75 -2.55	27.26 1.33 -2.72	31.38 1.42 -5.93	16.24 1.21 1.76	24.60 1.63 1.94	30.25 1.80 0.26	30.51 1.70 1.13	26.38 1.54 1.30	35.22 1.90 1.53	42.41 2.04 -0.36	46.49 2.07 -1.83	68.58 2.67 -4.88	57.05 2.05 -4.57	54.30 1.71 -3.66	59.60 1.89 -3.76	59.34 1.73 -11.12
NORTHPORT___4 23650	57.63 2.38 -3.97	50.06 2.26 -2.09	42.06 1.81 -0.19	44.07 1.81 0.00	54.43 2.19 0.00	63.42 2.40 0.00	225.85 7.21 3.03	113.83 4.51 -1.13	57.51 2.75 -2.55	27.26 1.33 -2.72	31.38 1.42 -5.93	16.24 1.21 1.76	24.60 1.63 1.94	30.25 1.80 0.26	30.51 1.70 1.13	26.38 1.54 1.30	35.22 1.90 1.53	42.41 2.04 -0.36	46.49 2.07 -1.83	68.58 2.67 -4.88	57.05 2.05 -4.57	54.30 1.71 -3.66	59.60 1.89 -3.76	59.34 1.73 -11.12
NORTHPORT___IC 23718	57.16 2.10 -3.78	49.61 2.01 -1.88	41.85 1.62 -0.16	43.82 1.56 0.00	54.16 1.92 0.00	62.96 1.94 0.00	223.78 5.00 2.89	112.82 3.52 -1.11	57.21 2.47 -2.53	26.85 1.20 -2.44	31.08 1.27 -5.78	15.96 1.07 1.90	24.26 1.42 2.06	30.01 1.58 0.28	30.20 1.47 1.21	26.10 1.40 1.43	34.88 1.64 1.61	41.90 1.68 -0.22	46.46 2.22 -1.65	68.80 3.18 -4.59	57.16 2.63 -4.10	54.67 2.22 -3.53	60.12 2.40 -3.76	59.79 2.27 -11.03
NORTH___COUNTRY_ESR 323785	50.23 -1.05 0.00	45.02 -0.69 0.00	39.65 -0.42 0.00	41.99 -0.27 0.00	52.62 0.39 0.00	61.49 0.47 0.00	224.38 2.72 0.00	109.65 1.47 0.00	52.94 0.73 0.00	23.42 0.20 0.00	24.15 0.03 -0.10	16.04 -0.77 -0.02	23.24 -1.67 -0.01	26.17 -2.55 0.00	25.62 -4.32 0.00	-3.39 -4.26 25.26	-25.79 -4.39 56.25	17.11 -2.90 20.00	41.77 -0.82 0.00	60.42 -0.60 0.00	50.67 0.24 0.00	49.42 0.50 0.00	54.58 0.62 0.00	46.98 0.49 0.00
NPX_GEN_1385_PROXY 323591	56.93 1.87 -3.78	49.50 1.90 -1.88	41.72 1.49 -0.16	43.70 1.45 0.00	54.16 1.92 0.00	63.17 2.15 0.00	223.53 4.75 2.89	112.49 3.19 -1.11	57.58 2.84 -2.53	26.43 1.08 -2.13	30.73 0.92 -5.78	15.72 0.83 1.90	23.91 1.07 2.06	29.60 1.17 0.28	29.75 1.03 1.21	25.72 1.02 1.43	15.30 0.81 20.35	41.04 0.81 -0.22	45.81 1.58 -1.64	68.12 2.51 -4.59	56.67 2.14 -4.10	53.69 1.23 -3.53	58.91 1.19 -3.76	58.89 1.37 -11.03
NPX_GEN_CSC 323557	57.81 2.35 -4.18	50.26 2.22 -2.32	42.02 1.75 -0.21	43.78 1.52 0.00	54.43 2.19 0.00	63.32 2.30 0.00	225.58 6.89 2.97	114.00 4.68 -1.13	57.89 3.05 -2.62	27.30 1.37 -2.71	31.61 1.48 -6.10	16.32 1.04 1.51	24.49 1.32 1.73	30.09 1.62 0.24	30.45 1.52 1.01	26.67 1.63 1.10	35.31 1.85 1.39	41.96 1.41 -0.54	47.58 2.97 -2.02	70.21 4.04 -5.15	58.86 3.37 -5.06	56.12 2.89 -4.30	61.26 3.04 -4.26	60.54 2.69 -11.37
NSINS_S___GLNS_FALLS 23858	53.88 2.59 0.00	48.11 2.39 0.00	42.11 2.05 0.00	44.42 2.16 0.00	54.73 2.49 0.00	63.97 2.95 0.00	233.40 11.73 0.00	113.47 5.29 0.00	54.63 2.42 0.00	23.98 0.76 0.00	30.56 0.70 -5.83	18.84 0.76 -1.29	26.51 1.10 -0.51	29.72 1.00 0.00	30.75 0.80 0.00	26.85 0.71 0.00	36.09 1.24 0.00	42.18 2.17 0.00	45.13 2.54 0.00	64.56 3.53 0.00	53.17 2.74 0.00	51.36 2.43 0.00	56.58 2.62 0.00	48.72 2.23 0.00
NUCOR_STEEL___DRP 24197	51.98 0.69 0.00	46.35 0.63 0.00	40.46 0.40 0.00	42.84 0.58 0.00	52.65 0.41 0.00	61.77 0.75 0.00	225.73 4.07 0.00	109.86 1.68 0.00	52.58 0.37 0.00	23.38 0.16 0.00	24.74 0.18 -0.54	17.09 0.19 -0.12	25.24 0.30 -0.05	29.02 0.30 0.00	30.18 0.24 0.00	26.35 0.22 0.00	35.13 0.28 0.00	40.49 0.48 0.00	43.30 0.71 0.00	61.79 0.76 0.00	51.32 0.89 0.00	49.74 0.81 0.00	54.51 0.56 0.00	47.06 0.57 0.00
NUMBER_THREE_WT_PWR 323818	51.00 -0.28 0.00	45.65 -0.07 0.00	40.34 0.28 0.00	42.70 0.44 0.00	53.16 0.92 0.00	62.54 1.52 0.00	228.86 7.20 0.00	111.33 3.14 0.00	53.13 0.92 0.00	23.23 0.01 0.00	23.96 -0.25 -0.18	16.16 -0.67 -0.04	23.62 -1.30 -0.02	27.05 -1.66 0.00	27.90 -2.04 0.00	18.52 -1.72 5.88	19.55 -2.19 13.10	33.55 -1.80 4.66	42.24 -0.36 0.00	61.89 0.86 0.00	51.36 0.93 0.00	49.73 0.80 0.00	54.94 0.98 0.00	47.32 0.83 0.00
NYISO_LBMP_REFERENCE 24008	51.28 0.00 0.00	45.72 0.00 0.00	40.07 0.00 0.00	42.26 0.00 0.00	52.24 0.00 0.00	61.02 0.00 0.00	221.66 0.00 0.00	108.19 0.00 0.00	52.21 0.00 0.00	23.22 0.00 0.00	24.03 0.00 0.00	16.79 0.00 0.00	24.90 0.00 0.00	28.71 0.00 0.00	29.94 0.00 0.00	26.13 0.00 0.00	34.85 0.00 0.00	40.01 0.00 0.00	42.59 0.00 0.00	61.03 0.00 0.00	50.43 0.00 0.00	48.93 0.00 0.00	53.95 0.00 0.00	46.48 0.00 0.00

NYPA_BRENTWD____GT 24164	58.65 2.60 -4.77	51.26 2.56 -2.98	42.42 2.08 -0.27	44.31 2.05 0.00	54.80 2.56 0.00	63.59 2.58 0.00	225.14 6.27 2.80	113.67 4.33 -1.16	58.26 3.10 -2.95	28.58 1.48 -3.88	32.19 1.57 -6.59	17.11 1.24 0.92	25.25 1.59 1.24	30.30 1.77 0.18	30.93 1.69 0.70	27.23 1.70 0.60	35.91 2.12 1.06	43.27 2.26 -1.00	48.09 2.93 -2.57	71.27 4.27 -5.97	60.44 3.52 -6.50	57.37 3.04 -5.41	62.06 3.23 -4.88	61.12 2.86 -11.77
NYPA_GOWANUS____GT5 24156	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NYPA_GOWANUS____GT6 24157	60.92 2.74 -6.90	59.58 2.30 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.69 2.91 -1.77	232.33 10.66 0.00	121.89 6.26 -7.44	110.55 3.18 -55.16	109.41 1.45 -84.74	107.58 1.56 -81.99	107.55 1.38 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.71 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.36 4.07 -10.27	75.59 3.23 -21.93	90.42 2.74 -38.75	74.90 3.00 -17.95	58.99 2.44 -10.07
NYPA_HARLEM__RVR__GT1 24160	53.37 2.10 0.01	47.42 1.71 0.01	41.50 1.44 0.01	43.86 1.60 0.00	54.02 1.79 0.01	63.08 2.07 0.01	229.15 7.49 0.01	113.09 4.91 0.01	55.53 2.83 -0.49	24.59 1.38 0.01	30.30 1.50 -4.77	19.19 1.35 -1.05	27.19 1.88 -0.41	30.75 2.05 0.01	31.88 1.94 0.01	27.83 1.70 0.01	36.92 2.08 0.01	42.33 2.32 0.00	45.20 2.61 0.00	64.56 3.54 0.00	53.19 2.76 0.00	51.19 2.26 0.00	56.23 2.27 -0.01	48.28 1.80 0.00
NYPA_HARLEM__RVR__GT2 24161	53.37 2.10 0.01	47.42 1.71 0.01	41.50 1.44 0.01	43.86 1.60 0.00	54.02 1.79 0.01	63.08 2.07 0.01	229.15 7.49 0.01	113.09 4.91 0.01	55.53 2.83 -0.49	24.59 1.38 0.01	30.30 1.50 -4.77	19.19 1.35 -1.05	27.19 1.88 -0.41	30.75 2.05 0.01	31.88 1.94 0.01	27.83 1.70 0.01	36.92 2.08 0.01	42.33 2.32 0.00	45.20 2.61 0.00	64.56 3.54 0.00	53.19 2.76 0.00	51.19 2.26 0.00	56.23 2.27 -0.01	48.28 1.80 0.00
NYPA_KENT____GT 24152	58.05 2.61 -4.16	54.89 2.19 -6.98	52.49 1.87 -10.56	53.30 2.04 -9.00	58.54 2.33 -3.96	64.81 2.73 -1.07	231.58 9.91 0.00	118.71 5.98 -4.55	110.45 3.07 -55.16	109.39 1.43 -84.74	107.55 1.54 -81.99	107.54 1.37 -89.37	107.68 1.93 -80.85	102.04 2.06 -71.26	81.88 1.91 -50.02	83.52 1.68 -55.71	71.82 2.21 -34.76	57.65 2.66 -14.97	60.49 2.95 -14.95	70.12 3.96 -5.13	64.51 3.11 -10.97	74.74 2.65 -23.17	67.82 2.86 -11.01	55.38 2.32 -6.58
NYPA_POUCH1____GT 24155	60.75 2.57 -6.90	59.46 2.17 -11.57	59.41 1.86 -17.49	59.21 2.03 -14.92	61.13 2.32 -6.57	65.52 2.73 -1.77	231.43 9.77 0.00	121.46 5.84 -7.44	100.52 2.92 -45.38	57.31 1.32 -32.76	67.34 1.42 -41.90	79.35 1.29 -61.27	103.60 1.85 -76.85	101.95 1.97 -71.26	81.75 1.79 -50.02	83.41 1.57 -55.71	65.85 2.09 -28.92	57.57 2.58 -14.97	69.34 2.84 -23.91	67.01 3.80 -2.19	68.40 3.03 -14.94	68.74 2.57 -17.24	74.75 2.84 -17.95	58.88 2.32 -10.07
NYPA_VERNON____GT2 24162	55.19 2.49 -1.43	50.19 2.08 -2.39	45.44 1.76 -3.62	47.29 1.94 -3.08	55.82 2.22 -1.36	63.98 2.60 -0.36	231.13 9.47 0.00	115.60 5.77 -1.65	110.42 3.05 -55.16	109.37 1.41 -84.74	107.54 1.52 -81.99	107.52 1.36 -89.37	107.64 1.89 -80.85	102.02 2.04 -71.26	81.88 1.91 -50.02	83.52 1.68 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.41 2.93 -2.89	64.93 3.90 0.00	53.48 3.05 0.00	59.10 2.59 -7.58	60.75 2.74 -4.06	51.77 2.19 -3.09
NYPA_VERNON____GT3 24163	55.19 2.49 -1.43	50.19 2.08 -2.39	45.44 1.76 -3.62	47.29 1.94 -3.08	55.82 2.22 -1.36	63.98 2.60 -0.36	231.13 9.47 0.00	115.60 5.77 -1.65	110.42 3.05 -55.16	109.37 1.41 -84.74	107.54 1.52 -81.99	107.52 1.36 -89.37	107.64 1.89 -80.85	102.02 2.04 -71.26	81.88 1.91 -50.02	83.52 1.68 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.41 2.93 -2.89	64.93 3.90 0.00	53.48 3.05 0.00	59.10 2.59 -7.58	60.75 2.74 -4.06	51.77 2.19 -3.09
NYPA__ASTORIA_CC1 323568	53.71 2.42 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.82 9.16 0.00	113.90 5.60 -0.11	110.42 3.04 -55.16	109.38 1.43 -84.74	107.54 1.53 -81.99	107.53 1.36 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.81 2.20 -34.76	57.60 2.62 -14.97	48.40 2.91 -2.89	64.92 3.90 0.00	53.46 3.03 0.00	51.47 2.55 0.00	57.04 2.68 -0.41	49.69 2.16 -1.05
NYPA__ASTORIA_CC2 323569	53.71 2.42 0.00	47.72 2.01 0.00	41.78 1.71 0.00	44.13 1.87 0.00	54.38 2.14 0.00	63.55 2.53 0.00	230.82 9.16 0.00	113.90 5.60 -0.11	110.42 3.04 -55.16	109.38 1.43 -84.74	107.54 1.53 -81.99	107.53 1.36 -89.37	107.65 1.90 -80.85	102.02 2.04 -71.26	81.90 1.93 -50.02	83.54 1.69 -55.71	71.81 2.20 -34.76	57.60 2.62 -14.97	48.40 2.91 -2.89	64.92 3.90 0.00	53.46 3.03 0.00	51.47 2.55 0.00	57.04 2.68 -0.41	49.69 2.16 -1.05
NYPA__HOLTSVILL 23794	57.81 2.39 -4.14	50.27 2.27 -2.28	42.07 1.80 -0.21	43.98 1.72 0.00	54.46 2.22 0.00	63.36 2.34 0.00	225.60 6.92 2.98	113.92 4.60 -1.13	57.72 2.91 -2.61	27.52 1.34 -2.96	31.54 1.44 -6.07	16.37 1.13 1.55	24.63 1.49 1.76	30.16 1.70 0.24	30.51 1.59 1.03	26.59 1.59 1.13	35.34 1.90 1.41	42.36 1.85 -0.50	47.29 2.71 -1.98	70.01 3.90 -5.09	58.60 3.21 -4.96	55.90 2.74 -4.23	61.08 2.91 -4.22	60.42 2.59 -11.34
NYPA__HELLGATE_GT1 24158	53.37 2.10 0.01	47.42 1.71 0.01	41.50 1.44 0.01	43.86 1.60 0.00	54.02 1.79 0.01	63.08 2.07 0.01	229.15 7.49 0.01	113.09 4.91 0.01	55.53 2.83 -0.49	24.59 1.38 0.01	30.30 1.50 -4.77	19.19 1.35 -1.05	27.19 1.88 -0.41	30.75 2.05 0.01	31.88 1.94 0.01	27.83 1.70 0.01	36.92 2.08 0.01	42.33 2.32 0.00	45.20 2.61 0.00	64.56 3.54 0.00	53.19 2.76 0.00	51.19 2.26 0.00	56.23 2.27 -0.01	48.28 1.80 0.00
NYPA__HELLGATE_GT2 24159	53.37 2.10 0.01	47.42 1.71 0.01	41.50 1.44 0.01	43.86 1.60 0.00	54.02 1.79 0.01	63.08 2.07 0.01	229.15 7.49 0.01	113.09 4.91 0.01	55.53 2.83 -0.49	24.59 1.38 0.01	30.30 1.50 -4.77	19.19 1.35 -1.05	27.19 1.88 -0.41	30.75 2.05 0.01	31.88 1.94 0.01	27.83 1.70 0.01	36.92 2.08 0.01	42.33 2.32 0.00	45.20 2.61 0.00	64.56 3.54 0.00	53.19 2.76 0.00	51.19 2.26 0.00	56.23 2.27 -0.01	48.28 1.80 0.00
NYS_BARGE__HYD 23848	49.08 -2.21 0.00	43.78 -1.94 0.00	38.21 -1.85 0.00	40.19 -2.07 0.00	49.63 -2.61 0.00	57.94 -3.08 0.00	213.46 -8.20 0.00	102.98 -5.21 0.00	49.01 -3.21 0.00	22.21 -1.01 0.00	23.70 -1.00 -0.67	16.40 -0.54 -0.15	24.21 -0.75 -0.06	27.93 -0.78 0.00	29.03 -0.92 0.00	25.56 -0.57 0.00	34.05 -0.80 0.00	38.80 -1.22 0.00	40.84 -1.76 0.00	57.31 -3.71 0.00	47.82 -2.61 0.00	46.64 -2.29 0.00	51.71 -2.24 0.00	44.78 -1.71 0.00

OAK ORCHARD___HYD 24046	50.84 -0.44 0.00	45.27 -0.45 0.00	39.58 -0.49 0.00	41.68 -0.58 0.00	51.48 -0.76 0.00	60.18 -0.84 0.00	220.96 -0.71 0.00	107.17 -1.01 0.00	51.17 -1.05 0.00	22.93 -0.29 0.00	24.30 -0.26 -0.54	16.86 -0.05 -0.12	24.92 -0.03 -0.05	28.68 -0.03 0.00	29.81 -0.13 0.00	26.13 0.00 0.00	34.87 0.02 0.00	39.86 -0.15 0.00	42.27 -0.33 0.00	59.95 -1.08 0.00	49.80 -0.63 0.00	48.31 -0.62 0.00	53.28 -0.67 0.00	45.99 -0.50 0.00
OAKDALE___35_KV_LOAD 356122	51.73 0.45 0.00	46.13 0.41 0.00	40.51 0.45 0.00	42.67 0.41 0.00	52.59 0.35 0.00	61.40 0.38 0.00	223.67 2.00 0.00	109.21 1.02 0.00	52.31 0.10 0.00	23.44 0.22 0.00	25.72 0.29 -1.40	17.48 0.38 -0.31	25.58 0.55 -0.12	29.34 0.63 0.00	30.44 0.49 0.00	26.58 0.45 0.00	35.39 0.54 0.00	40.73 0.72 0.00	43.25 0.66 0.00	61.75 0.73 0.00	51.13 0.70 0.00	49.59 0.66 0.00	54.63 0.68 0.00	47.02 0.53 0.00
OCC_CHEM___DRP 24175	48.38 -2.91 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.97 -4.05 0.00	209.51 -12.15 0.00	100.97 -7.22 0.00	48.18 -4.04 0.00	21.91 -1.31 0.00	23.44 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.66 -1.05 0.00	28.79 -1.16 0.00	25.30 -0.83 0.00	33.64 -1.21 0.00	38.27 -1.73 0.00	40.20 -2.39 0.00	56.29 -4.74 0.00	46.88 -3.54 0.00	45.75 -3.17 0.00	50.80 -3.15 0.00	44.07 -2.41 0.00
OH_GEN_PROXY 24063	48.89 -2.39 0.00	43.58 -2.14 0.00	38.07 -2.00 0.00	40.01 -2.25 0.00	49.38 -2.86 0.00	57.55 -3.47 0.00	211.60 -10.07 0.00	102.13 -6.06 0.00	48.73 -3.48 0.00	21.82 -1.09 0.30	23.66 -1.06 -0.69	16.36 -0.58 -0.15	24.18 -0.78 -0.06	27.94 -0.78 0.00	29.06 -0.89 0.00	25.55 -0.59 0.00	33.99 -0.85 0.00	38.70 -1.31 0.00	40.66 -1.94 0.00	56.98 -4.04 0.00	47.45 -2.97 0.00	46.25 -2.67 0.00	51.27 -2.68 0.00	44.47 -2.02 0.00
OLIN_CORP_DRP 24177	48.33 -2.95 0.00	43.12 -2.60 0.00	37.63 -2.43 0.00	39.57 -2.69 0.00	48.83 -3.41 0.00	57.00 -4.02 0.00	209.87 -11.79 0.00	101.21 -6.97 0.00	48.23 -3.98 0.00	21.92 -1.30 0.00	23.44 -1.28 -0.69	16.21 -0.74 -0.15	23.92 -1.04 -0.06	27.61 -1.10 0.00	28.70 -1.24 0.00	25.25 -0.88 0.00	33.57 -1.28 0.00	38.27 -1.73 0.00	40.19 -2.41 0.00	56.31 -4.72 0.00	46.94 -3.49 0.00	45.84 -3.09 0.00	50.88 -3.07 0.00	44.09 -2.39 0.00
OLIN_CORP_DSASP 323712	48.38 -2.90 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.98 -4.04 0.00	209.55 -12.12 0.00	100.97 -7.21 0.00	48.18 -4.03 0.00	21.91 -1.31 0.00	23.43 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.67 -1.04 0.00	28.79 -1.15 0.00	25.33 -0.80 0.00	33.71 -1.14 0.00	38.29 -1.72 0.00	40.21 -2.38 0.00	56.30 -4.73 0.00	46.89 -3.54 0.00	45.75 -3.17 0.00	50.78 -3.18 0.00	44.07 -2.42 0.00
ONEIDA_HERK_LFGE 323681	52.04 0.76 0.00	46.44 0.72 0.00	40.84 0.78 0.00	43.15 0.88 0.00	53.46 1.22 0.00	62.71 1.69 0.00	228.94 7.27 0.00	111.54 3.36 0.00	53.44 1.23 0.00	23.57 0.35 0.00	24.42 0.23 -0.16	16.81 -0.02 -0.04	24.75 -0.17 -0.01	28.39 -0.32 0.00	29.45 -0.49 0.00	23.24 -0.41 2.48	28.86 -0.45 5.53	37.93 -0.11 1.97	43.29 0.70 0.00	62.65 1.62 0.00	51.87 1.45 0.00	50.21 1.29 0.00	55.33 1.37 0.00	47.61 1.12 0.00
ONEIDA___115KV_TB4 55905	52.60 1.32 0.00	46.92 1.20 0.00	41.15 1.09 0.00	43.42 1.16 0.00	53.67 1.43 0.00	62.89 1.87 0.00	229.75 8.08 0.00	111.98 3.79 0.00	53.67 1.46 0.00	23.77 0.55 0.00	24.78 0.48 -0.27	17.20 0.36 -0.06	25.35 0.42 -0.02	29.11 0.40 0.00	30.27 0.33 0.00	25.54 0.35 0.94	33.21 0.45 2.08	40.06 0.79 0.74	43.82 1.23 0.00	63.19 2.16 0.00	52.33 1.90 0.00	50.65 1.72 0.00	55.71 1.76 0.00	47.88 1.39 0.00
ONONDAGA_REF_OCCRA 23987	51.54 0.25 0.00	45.91 0.19 0.00	40.24 0.17 0.00	42.42 0.16 0.00	52.36 0.12 0.00	61.23 0.21 0.00	223.38 1.71 0.00	108.93 0.74 0.00	52.28 0.06 0.00	23.27 0.05 0.00	24.56 0.05 -0.48	17.02 0.12 -0.11	25.12 0.18 -0.04	28.88 0.17 0.00	30.04 0.09 0.00	25.76 0.09 0.46	33.94 0.11 1.02	39.91 0.26 0.36	42.96 0.37 0.00	61.49 0.47 0.00	50.89 0.46 0.00	49.31 0.38 0.00	54.29 0.33 0.00	46.70 0.22 0.00
ONONDAGA___COGEN 23986	51.46 0.18 0.00	45.85 0.13 0.00	40.18 0.11 0.00	42.37 0.11 0.00	52.26 0.02 0.00	61.13 0.11 0.00	222.91 1.25 0.00	108.63 0.44 0.00	52.14 -0.07 0.00	23.21 -0.01 0.00	24.47 0.00 -0.45	16.97 0.08 -0.10	25.05 0.11 -0.04	28.81 0.10 0.00	29.97 0.03 0.00	25.72 0.03 0.45	33.90 0.04 0.99	39.83 0.17 0.35	42.87 0.27 0.00	61.33 0.30 0.00	50.76 0.34 0.00	49.18 0.25 0.00	54.11 0.16 0.00	46.59 0.10 0.00
ONTARIO___LFGE 23819	51.97 0.68 0.00	46.35 0.63 0.00	40.67 0.60 0.00	42.85 0.59 0.00	52.85 0.61 0.00	61.67 0.65 0.00	224.65 2.98 0.00	109.43 1.25 0.00	52.34 0.12 0.00	23.43 0.21 0.00	24.82 0.16 -0.64	17.15 0.22 -0.14	25.20 0.25 -0.06	29.08 0.37 0.00	30.16 0.22 0.00	26.41 0.28 0.00	35.16 0.32 0.00	40.69 0.68 0.00	43.45 0.86 0.00	61.93 0.91 0.00	51.39 0.96 0.00	49.82 0.90 0.00	54.80 0.85 0.00	47.31 0.83 0.00
ORANGEVILLE_WT_PWR 323706	49.35 -1.93 0.00	44.16 -1.56 0.00	38.83 -1.24 0.00	40.87 -1.39 0.00	50.55 -1.69 0.00	59.05 -1.97 0.00	217.07 -4.60 0.00	104.86 -3.32 0.00	49.63 -2.58 0.00	22.26 -0.96 0.00	23.92 -0.96 -0.85	16.41 -0.57 -0.19	24.25 -0.72 -0.07	27.88 -0.84 0.00	28.96 -0.98 0.00	25.39 -0.74 0.00	33.69 -1.16 0.00	38.94 -1.07 0.00	41.61 -0.98 0.00	59.03 -2.00 0.00	49.25 -1.18 0.00	47.99 -0.94 0.00	53.05 -0.91 0.00	45.85 -0.63 0.00
ORANGEVILLE___ESR 323794	49.35 -1.93 0.00	44.16 -1.56 0.00	38.83 -1.24 0.00	40.87 -1.39 0.00	50.55 -1.69 0.00	59.05 -1.97 0.00	217.07 -4.60 0.00	104.86 -3.32 0.00	49.63 -2.58 0.00	22.26 -0.96 0.00	23.92 -0.96 -0.85	16.41 -0.57 -0.19	24.25 -0.72 -0.07	27.88 -0.84 0.00	28.96 -0.98 0.00	25.39 -0.74 0.00	33.69 -1.16 0.00	38.94 -1.07 0.00	41.61 -0.98 0.00	59.03 -2.00 0.00	49.25 -1.18 0.00	47.99 -0.94 0.00	53.05 -0.91 0.00	45.85 -0.63 0.00
OSWEGATCHIE___HYD 24044	50.12 -1.16 0.00	44.72 -1.00 0.00	39.37 -0.69 0.00	41.63 -0.63 0.00	51.92 -0.32 0.00	60.93 -0.09 0.00	222.07 0.41 0.00	108.10 -0.09 0.00	51.84 -0.37 0.00	22.70 -0.52 0.00	23.42 -0.77 -0.16	15.64 -1.18 -0.04	22.75 -2.17 -0.01	25.94 -2.78 0.00	26.39 -3.55 0.00	8.75 -3.40 13.99	-0.50 -4.20 31.15	25.68 -3.25 11.08	41.15 -1.44 0.00	59.88 -1.14 0.00	49.83 -0.60 0.00	48.53 -0.40 0.00	53.62 -0.33 0.00	46.23 -0.25 0.00
OSWEGO___5 23606	50.47 -0.81 0.00	44.98 -0.74 0.00	39.42 -0.64 0.00	41.57 -0.69 0.00	51.33 -0.91 0.00	60.00 -1.02 0.00	218.51 -3.15 0.00	106.54 -1.65 0.00	51.23 -0.98 0.00	22.81 -0.41 0.00	23.92 -0.42 -0.32	16.63 -0.23 -0.07	24.59 -0.34 -0.03	28.30 -0.42 0.00	29.44 -0.50 0.00	25.70 -0.43 0.00	34.27 -0.57 0.00	39.43 -0.57 0.00	42.03 -0.57 0.00	60.12 -0.91 0.00	49.73 -0.69 0.00	48.21 -0.72 0.00	53.11 -0.85 0.00	45.75 -0.74 0.00

OSWEGO___6 23613	50.47 -0.81 0.00	44.98 -0.74 0.00	39.42 -0.64 0.00	41.57 -0.69 0.00	51.33 -0.91 0.00	60.00 -1.02 0.00	218.51 -3.15 0.00	106.54 -1.65 0.00	51.23 -0.98 0.00	22.81 -0.41 0.00	23.92 -0.42 -0.32	16.63 -0.23 -0.07	24.59 -0.34 -0.03	28.30 -0.42 0.00	29.44 -0.50 0.00	25.70 -0.43 0.00	34.27 -0.57 0.00	39.43 -0.57 0.00	42.03 -0.57 0.00	60.12 -0.91 0.00	49.73 -0.69 0.00	48.21 -0.72 0.00	53.11 -0.85 0.00	45.75 -0.74 0.00
OUTOKUMPU-AB___DRP 24206	49.62 -1.66 0.00	44.24 -1.48 0.00	38.63 -1.44 0.00	40.63 -1.63 0.00	50.15 -2.09 0.00	58.56 -2.46 0.00	215.57 -6.10 0.00	104.05 -4.14 0.00	49.61 -2.61 0.00	22.51 -0.71 0.00	24.06 -0.66 -0.70	16.63 -0.32 -0.15	24.55 -0.41 -0.06	28.35 -0.36 0.00	29.48 -0.46 0.00	25.90 -0.23 0.00	34.45 -0.39 0.00	39.35 -0.66 0.00	41.43 -1.16 0.00	58.09 -2.93 0.00	48.45 -1.98 0.00	47.22 -1.70 0.00	52.38 -1.57 0.00	45.32 -1.17 0.00
OXBOW___BTM 323836	48.94 -2.34 0.00	43.64 -2.08 0.00	38.08 -1.98 0.00	40.04 -2.22 0.00	49.43 -2.80 0.00	57.71 -3.31 0.00	212.40 -9.27 0.00	102.42 -5.77 0.00	48.84 -3.37 0.00	22.19 -1.03 0.00	23.73 -1.00 -0.70	16.40 -0.54 -0.15	24.23 -0.73 -0.06	27.99 -0.73 0.00	29.10 -0.84 0.00	25.60 -0.53 0.00	34.09 -0.76 0.00	38.79 -1.22 0.00	40.79 -1.80 0.00	57.15 -3.87 0.00	47.63 -2.79 0.00	46.46 -2.47 0.00	51.52 -2.43 0.00	44.65 -1.84 0.00
OXBOW____ 24026	48.94 -2.34 0.00	43.63 -2.09 0.00	38.08 -1.98 0.00	40.04 -2.22 0.00	49.43 -2.81 0.00	57.69 -3.33 0.00	212.38 -9.28 0.00	102.42 -5.76 0.00	48.85 -3.36 0.00	22.19 -1.03 0.00	23.73 -1.00 -0.70	16.40 -0.55 -0.15	24.22 -0.74 -0.06	27.98 -0.74 0.00	29.09 -0.85 0.00	25.58 -0.55 0.00	34.01 -0.84 0.00	38.78 -1.23 0.00	40.79 -1.80 0.00	57.14 -3.88 0.00	47.64 -2.79 0.00	46.45 -2.48 0.00	51.55 -2.41 0.00	44.64 -1.84 0.00
OXY_CHEM_DSASP 323612	48.38 -2.91 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.97 -4.05 0.00	209.51 -12.15 0.00	100.97 -7.22 0.00	48.18 -4.04 0.00	21.91 -1.31 0.00	23.44 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.66 -1.05 0.00	28.79 -1.16 0.00	25.30 -0.83 0.00	33.64 -1.21 0.00	38.27 -1.73 0.00	40.20 -2.39 0.00	56.29 -4.74 0.00	46.88 -3.54 0.00	45.75 -3.17 0.00	50.80 -3.15 0.00	44.07 -2.41 0.00
OZONE_PARK_ESR 323760	54.04 2.75 0.00	48.03 2.31 0.00	42.03 1.97 0.00	44.41 2.15 0.00	54.71 2.47 0.00	63.99 2.97 0.00	232.80 11.13 0.00	114.60 6.41 0.00	55.59 3.38 0.00	24.78 1.56 0.00	30.46 1.66 -4.77	19.29 1.45 -1.06	27.33 2.01 -0.42	30.87 2.16 0.00	31.99 2.05 0.00	27.93 1.80 0.00	37.21 2.36 0.00	42.87 2.86 0.00	45.86 3.27 0.00	65.43 4.40 0.00	53.92 3.50 0.00	51.88 2.96 0.00	56.94 2.98 0.00	48.87 2.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.38 -2.91 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.97 -4.05 0.00	209.51 -12.15 0.00	100.97 -7.22 0.00	48.18 -4.04 0.00	21.91 -1.31 0.00	23.44 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.66 -1.05 0.00	28.79 -1.16 0.00	25.30 -0.83 0.00	33.64 -1.21 0.00	38.27 -1.73 0.00	40.20 -2.39 0.00	56.29 -4.74 0.00	46.88 -3.54 0.00	45.75 -3.17 0.00	50.80 -3.15 0.00	44.07 -2.41 0.00
PACKARD__115KV_DUPONT_184 80571	48.38 -2.91 0.00	43.13 -2.59 0.00	37.64 -2.42 0.00	39.57 -2.69 0.00	48.84 -3.40 0.00	56.97 -4.05 0.00	209.51 -12.15 0.00	100.97 -7.22 0.00	48.18 -4.04 0.00	21.91 -1.31 0.00	23.44 -1.28 -0.69	16.20 -0.74 -0.15	23.95 -1.01 -0.06	27.66 -1.05 0.00	28.79 -1.16 0.00	25.30 -0.83 0.00	33.64 -1.21 0.00	38.27 -1.73 0.00	40.20 -2.39 0.00	56.29 -4.74 0.00	46.88 -3.54 0.00	45.75 -3.17 0.00	50.80 -3.15 0.00	44.07 -2.41 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.40 2.12 0.00	47.45 1.73 0.00	41.54 1.48 0.00	43.88 1.62 0.00	54.07 1.83 0.00	63.19 2.17 0.00	229.59 7.92 0.00	113.28 5.09 0.00	55.11 2.90 0.01	24.60 1.39 0.01	30.30 1.51 -4.77	19.19 1.35 -1.05	27.19 1.88 -0.41	30.72 2.02 0.01	31.84 1.90 0.01	27.79 1.67 0.01	36.91 2.07 0.01	42.40 2.39 0.00	45.27 2.68 0.00	64.66 3.63 0.00	53.28 2.85 0.00	51.29 2.36 0.00	56.34 2.38 -0.01	48.36 1.87 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.41 2.13 0.00	47.46 1.74 0.00	41.57 1.51 0.00	43.89 1.63 0.00	54.07 1.83 0.00	63.20 2.18 0.00	229.73 8.06 0.00	113.30 5.12 0.00	55.15 2.94 0.01	24.64 1.43 0.01	30.31 1.52 -4.77	19.19 1.36 -1.05	27.20 1.89 -0.41	30.73 2.02 0.01	31.84 1.91 0.01	27.79 1.67 0.01	36.91 2.07 0.01	42.40 2.39 0.00	45.28 2.69 0.00	64.67 3.64 0.00	53.28 2.85 0.00	51.29 2.36 0.00	56.34 2.38 -0.01	48.36 1.88 0.00
PATROON__115KV_TB1 80586	52.19 0.91 0.00	46.64 0.92 0.00	40.86 0.79 0.00	43.10 0.83 0.00	52.94 0.70 0.00	61.66 0.64 0.00	222.59 0.93 0.00	108.63 0.45 0.00	52.64 0.43 0.00	23.45 0.23 0.00	30.04 0.31 -5.70	18.54 0.49 -1.26	26.10 0.70 -0.50	29.27 0.55 0.00	30.31 0.37 0.00	26.47 0.33 0.00	35.28 0.44 0.00	40.81 0.81 0.00	43.33 0.74 0.00	61.92 0.89 0.00	51.02 0.60 0.00	49.30 0.37 0.00	54.27 0.32 0.00	46.81 0.32 0.00
PATTRSNVILLE__SOLAR 323815	52.91 1.63 0.00	47.17 1.46 0.00	41.34 1.27 0.00	43.61 1.35 0.00	53.84 1.60 0.00	62.97 1.95 0.00	228.98 7.31 0.00	111.35 3.16 0.00	53.23 1.02 0.00	23.45 0.23 0.00	30.22 0.21 -5.98	18.48 0.37 -1.32	25.97 0.55 -0.52	29.12 0.41 0.00	30.19 0.25 0.00	26.34 0.21 0.00	35.16 0.31 0.00	40.79 0.78 0.00	43.94 1.35 0.00	63.30 2.28 0.00	52.28 1.85 0.00	50.54 1.61 0.00	55.66 1.71 0.00	47.90 1.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.66 -0.63 0.00	45.21 -0.51 0.00	39.57 -0.50 0.00	41.61 -0.65 0.00	51.32 -0.92 0.00	59.83 -1.19 0.00	219.99 -1.68 0.00	106.43 -1.76 0.00	50.76 -1.45 0.00	23.05 -0.17 0.00	24.68 -0.10 -0.76	17.03 0.07 -0.17	25.09 0.12 -0.07	28.95 0.23 0.00	30.07 0.12 0.00	26.38 0.24 0.00	35.15 0.31 0.00	40.55 0.54 0.00	42.70 0.11 0.00	60.02 -1.01 0.00	50.04 -0.39 0.00	48.77 -0.16 0.00	54.00 0.04 0.00	46.64 0.16 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.75 2.47 0.00	47.82 2.10 0.00	41.90 1.83 0.00	44.23 1.97 0.00	54.49 2.25 0.00	63.71 2.69 0.00	231.74 10.08 0.00	113.71 5.52 0.00	54.96 2.75 0.00	24.45 1.23 0.00	30.09 1.28 -4.79	19.05 1.20 -1.06	27.03 1.71 -0.42	30.51 1.79 0.00	31.59 1.64 0.00	27.58 1.45 0.00	36.80 1.95 0.00	42.46 2.45 0.00	45.32 2.73 0.00	64.75 3.72 0.00	53.31 2.89 0.00	51.39 2.47 0.00	56.46 2.50 0.00	48.45 1.96 0.00
PEEKSKILL____ 23653	52.94 1.66 0.00	47.09 1.37 0.00	41.27 1.21 0.00	43.60 1.34 0.00	53.68 1.45 0.00	62.70 1.68 0.00	227.59 5.92 0.00	111.78 3.59 0.00	54.09 1.88 0.00	24.10 0.88 0.00	29.67 0.94 -4.70	18.82 0.99 -1.04	26.69 1.38 -0.41	30.15 1.44 0.00	31.24 1.30 0.00	27.29 1.16 0.00	36.37 1.52 0.00	41.88 1.87 0.00	44.67 2.07 0.00	63.78 2.75 0.00	52.50 2.07 0.00	50.64 1.71 0.00	55.70 1.75 0.00	47.81 1.33 0.00

PGE MADISON___WINDPWR 24146	53.31 2.03 0.00	47.96 2.24 0.00	42.31 2.25 0.00	44.80 2.54 0.00	55.54 3.30 0.00	65.88 4.86 0.00	243.53 21.86 0.00	119.17 10.98 0.00	57.36 5.15 0.00	25.06 1.84 0.00	26.94 1.55 -1.36	18.38 1.29 -0.30	26.69 1.67 -0.12	30.68 1.97 0.00	31.64 1.70 0.00	27.48 1.35 0.00	36.57 1.72 0.00	42.78 2.77 0.00	46.39 3.80 0.00	67.35 6.32 0.00	55.93 5.50 0.00	53.95 5.02 0.00	59.28 5.33 0.00	50.82 4.33 0.00
PIERCEFIELD___HYD 23852	50.26 -1.02 0.00	44.79 -0.93 0.00	39.28 -0.79 0.00	41.48 -0.78 0.00	51.84 -0.40 0.00	60.64 -0.38 0.00	219.83 -1.84 0.00	107.21 -0.98 0.00	51.80 -0.41 0.00	22.80 -0.42 0.00	23.56 -0.59 -0.12	15.61 -1.21 -0.03	22.57 -2.34 -0.01	25.61 -3.10 0.00	25.64 -4.30 0.00	1.07 -4.29 20.77	-16.50 -5.10 46.25	19.96 -3.60 16.45	41.00 -1.60 0.00	59.13 -1.90 0.00	49.29 -1.14 0.00	48.31 -0.62 0.00	53.43 -0.53 0.00	46.15 -0.34 0.00
PINELAWN_CC_1 323563	60.80 2.57 -6.94	53.46 2.40 -5.34	42.49 1.93 -0.49	44.20 1.94 0.00	54.56 2.32 0.00	63.53 2.51 0.00	227.24 7.98 2.40	114.53 5.07 -1.28	59.36 2.98 -4.17	31.55 1.38 -6.95	33.80 1.45 -8.32	19.04 1.20 -1.06	26.94 1.62 -0.42	30.49 1.77 0.00	31.96 1.69 -0.33	28.82 1.60 -1.08	36.92 2.02 -0.05	45.02 2.23 -2.78	50.00 2.72 -4.69	74.17 3.96 -9.18	65.66 3.21 -12.02	62.12 2.76 -10.44	65.02 2.89 -8.17	62.81 2.50 -13.83
PJM_GEN_HTP_PROXY 323702	53.51 2.23 0.00	47.58 1.86 0.00	41.64 1.57 0.00	44.00 1.74 0.00	54.20 1.96 0.00	63.36 2.34 0.00	230.37 8.70 0.00	113.31 5.12 0.00	37.84 2.80 17.17	24.52 1.31 0.00	30.21 1.41 -4.77	19.11 1.26 -1.06	27.06 1.75 -0.42	30.58 1.86 0.00	31.67 1.73 0.00	27.65 1.52 0.00	36.84 1.99 0.00	40.14 2.43 2.30	45.37 2.78 0.00	53.75 3.67 10.94	53.28 2.86 0.00	51.25 2.33 0.00	56.29 2.33 0.00	48.34 1.85 0.00
PJM_GEN_KEystone 24065	51.67 0.38 0.00	46.01 0.29 0.00	40.36 0.30 0.00	42.57 0.30 0.00	52.35 0.11 0.00	60.98 -0.04 0.00	222.25 0.58 0.00	108.52 0.33 0.00	34.98 -0.06 17.17	23.47 0.25 0.00	27.31 0.37 -2.92	17.95 0.52 -0.64	25.85 0.69 -0.25	29.48 0.77 0.00	30.58 0.64 0.00	26.75 0.62 0.00	35.62 0.78 0.00	38.59 0.88 2.30	43.35 0.76 0.00	50.60 0.52 10.94	50.90 0.47 0.00	49.31 0.39 0.00	54.42 0.46 0.00	46.83 0.35 0.00
PJM_GEN_NEPTUNE_PROXY 323594	55.83 2.08 -2.47	48.12 1.94 -0.46	41.63 1.53 -0.03	43.81 1.56 0.01	54.05 1.82 0.00	62.95 1.94 0.00	224.12 6.17 3.71	113.43 4.19 -1.05	39.06 2.47 15.62	25.01 1.18 -0.60	30.06 1.29 -4.74	14.79 1.14 3.14	23.37 1.56 3.09	30.03 1.70 0.40	29.69 1.60 1.85	25.14 1.47 2.47	34.39 1.84 2.30	38.95 2.02 3.08	45.37 2.30 -0.48	56.24 3.33 8.11	54.08 2.63 -1.02	51.64 2.23 -0.48	58.08 2.38 -1.75	58.20 2.02 -9.70
PJM_GEN_VFT_PROXY 323633	53.28 2.00 0.00	47.35 1.63 0.00	41.47 1.41 0.00	43.83 1.57 0.00	54.00 1.76 0.00	63.11 2.09 0.00	229.17 7.51 0.00	112.89 4.70 0.00	37.60 2.55 17.17	24.41 1.19 0.00	30.09 1.29 -4.77	19.03 1.19 -1.06	26.95 1.63 -0.42	30.43 1.72 0.00	31.53 1.59 0.00	27.53 1.40 0.00	36.66 1.82 0.00	39.97 2.26 2.30	45.19 2.60 0.00	53.49 3.42 10.94	53.08 2.65 0.00	51.07 2.15 0.00	56.13 2.17 0.00	48.18 1.69 0.00
PLATSBURG_115KV_PMLD1 355749	50.97 -0.31 0.00	45.64 -0.08 0.00	40.15 0.08 0.00	42.50 0.24 0.00	53.24 1.01 0.00	62.34 1.32 0.00	227.79 6.12 0.00	111.23 3.04 0.00	53.64 1.43 0.00	23.73 0.51 0.00	24.43 0.31 -0.09	16.27 -0.54 -0.02	23.56 -1.35 -0.01	26.58 -2.14 0.00	26.02 -3.93 0.00	-3.56 -3.88 25.81	-26.46 -3.83 57.47	17.29 -2.28 20.44	42.36 -0.23 0.00	61.16 0.13 0.00	51.32 0.89 0.00	50.15 1.23 0.00	55.37 1.41 0.00	47.67 1.18 0.00
PLEASANTVLY___LBMP 24000	52.92 1.64 0.00	47.12 1.40 0.00	41.27 1.20 0.00	43.57 1.30 0.00	53.64 1.40 0.00	62.66 1.64 0.00	227.40 5.73 0.00	111.53 3.34 0.00	54.00 1.79 0.00	24.04 0.82 0.00	29.79 0.87 -4.89	18.80 0.93 -1.08	26.67 1.34 -0.43	30.08 1.37 0.00	31.15 1.21 0.00	27.19 1.06 0.00	36.25 1.40 0.00	41.82 1.81 0.00	44.54 1.95 0.00	63.60 2.57 0.00	52.31 1.89 0.00	50.46 1.54 0.00	55.51 1.55 0.00	47.68 1.19 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.31 2.03 0.00	47.44 1.72 0.00	41.55 1.49 0.00	43.87 1.61 0.00	54.04 1.80 0.00	63.12 2.10 0.00	229.33 7.67 0.00	112.62 4.44 0.00	54.55 2.34 0.00	24.30 1.08 0.00	29.96 1.14 -4.79	18.96 1.11 -1.06	26.88 1.57 -0.42	30.36 1.65 0.00	31.45 1.51 0.00	27.46 1.33 0.00	36.60 1.75 0.00	42.17 2.16 0.00	45.01 2.42 0.00	64.25 3.22 0.00	52.88 2.45 0.00	50.97 2.05 0.00	56.03 2.08 0.00	48.11 1.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.31 2.03 0.00	47.44 1.72 0.00	41.55 1.49 0.00	43.87 1.61 0.00	54.04 1.80 0.00	63.12 2.10 0.00	229.33 7.67 0.00	112.62 4.44 0.00	54.55 2.34 0.00	24.30 1.08 0.00	29.96 1.14 -4.79	18.96 1.11 -1.06	26.88 1.57 -0.42	30.36 1.65 0.00	31.45 1.51 0.00	27.46 1.33 0.00	36.60 1.75 0.00	42.17 2.16 0.00	45.01 2.42 0.00	64.25 3.22 0.00	52.88 2.45 0.00	50.97 2.05 0.00	56.03 2.08 0.00	48.11 1.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.49 2.21 0.00	47.61 1.89 0.00	41.70 1.64 0.00	44.02 1.76 0.00	54.23 1.99 0.00	63.37 2.35 0.00	230.36 8.69 0.00	112.99 4.80 0.00	54.59 2.38 0.00	24.26 1.04 0.00	29.88 1.06 -4.80	18.90 1.04 -1.06	26.81 1.49 -0.42	30.25 1.53 0.00	31.33 1.39 0.00	27.35 1.22 0.00	36.49 1.64 0.00	42.17 2.16 0.00	45.02 2.43 0.00	64.34 3.32 0.00	52.94 2.51 0.00	51.07 2.15 0.00	56.12 2.17 0.00	48.18 1.70 0.00
POLETTI___ 23519	53.48 2.20 0.00	47.54 1.82 0.00	41.62 1.56 0.00	43.98 1.72 0.00	54.16 1.92 0.00	63.33 2.31 0.00	230.16 8.50 0.00	113.27 5.09 0.00	54.97 2.76 0.00	24.51 1.29 0.00	30.20 1.40 -4.77	19.11 1.26 -1.06	27.05 1.73 -0.42	30.55 1.84 0.00	31.65 1.71 0.00	27.62 1.49 0.00	36.78 1.93 0.00	42.39 2.38 0.00	45.35 2.76 0.00	64.69 3.67 0.00	53.27 2.85 0.00	51.26 2.33 0.00	56.31 2.35 0.00	48.34 1.86 0.00
POMONA___ESR 323819	52.89 1.60 0.00	47.04 1.33 0.00	41.27 1.20 0.00	43.59 1.33 0.00	53.65 1.41 0.00	62.63 1.62 0.00	227.38 5.72 0.00	111.68 3.49 0.00	54.03 1.82 0.00	24.08 0.86 0.00	29.61 0.94 -4.64	18.81 0.99 -1.03	26.70 1.39 -0.40	30.16 1.44 0.00	31.27 1.33 0.00	27.31 1.18 0.00	36.40 1.56 0.00	41.87 1.86 0.00	44.63 2.04 0.00	63.72 2.70 0.00	52.45 2.03 0.00	50.62 1.69 0.00	55.68 1.73 0.00	47.79 1.30 0.00
PORT_JEFF_3 23555	58.04 2.55 -4.20	50.47 2.41 -2.35	42.21 1.92 -0.22	44.11 1.85 0.00	54.63 2.39 0.00	63.56 2.54 0.00	226.48 7.78 2.97	114.34 5.02 -1.13	57.92 3.07 -2.64	27.68 1.41 -3.05	31.66 1.51 -6.12	16.48 1.17 1.49	24.74 1.54 1.71	30.23 1.76 0.23	30.61 1.66 1.00	26.70 1.64 1.08	35.47 2.00 1.37	42.53 1.97 -0.55	47.51 2.87 -2.04	70.32 4.11 -5.18	58.94 3.39 -5.12	56.20 2.93 -4.35	61.33 3.09 -4.28	60.59 2.73 -11.38

PORT_JEFF_4 23616	58.04 2.55 -4.20	50.47 2.41 -2.35	42.21 1.92 -0.22	44.11 1.85 0.00	54.63 2.39 0.00	63.56 2.54 0.00	226.48 7.78 2.97	114.34 5.02 -1.13	57.92 3.07 -2.64	27.68 1.41 -3.05	31.66 1.51 -6.12	16.48 1.17 1.49	24.74 1.54 1.71	30.23 1.76 0.23	30.61 1.66 1.00	26.70 1.64 1.08	35.47 2.00 1.37	42.53 1.97 -0.55	47.51 2.87 -2.04	70.32 4.11 -5.18	58.94 3.39 -5.12	56.20 2.93 -4.35	61.33 3.09 -4.28	60.59 2.73 -11.38
PORT_JEFF_IC 23713	58.20 2.61 -4.31	50.62 2.44 -2.46	42.28 1.99 -0.23	44.12 1.86 0.00	54.64 2.40 0.00	63.61 2.59 0.00	226.87 8.15 2.94	114.43 5.11 -1.14	58.04 3.13 -2.69	27.84 1.42 -3.20	31.75 1.52 -6.21	16.57 1.17 1.39	24.82 1.54 1.63	30.25 1.77 0.23	30.66 1.66 0.94	26.78 1.64 0.99	35.52 1.99 1.32	42.61 1.97 -0.64	47.65 2.93 -2.14	70.50 4.15 -5.32	59.21 3.42 -5.36	56.40 2.94 -4.53	61.43 3.09 -4.39	60.65 2.71 -11.45
PPL_PILGRIM_ST_GT1 24216	58.65 2.60 -4.77	51.26 2.56 -2.98	42.42 2.08 -0.27	44.31 2.05 0.00	54.80 2.56 0.00	63.59 2.58 0.00	225.14 6.27 2.80	113.67 4.33 -1.16	58.26 3.10 -2.95	28.58 1.48 -3.88	32.19 1.57 -6.59	17.11 1.24 0.92	25.25 1.59 1.24	30.30 1.77 0.18	30.93 1.69 0.70	27.23 1.70 0.60	35.91 2.12 1.06	43.27 2.26 -1.00	48.09 2.93 -2.57	71.27 4.27 -5.97	60.44 3.52 -6.50	57.37 3.04 -5.41	62.06 3.23 -4.88	61.12 2.86 -11.77
PPL_PILGRIM_ST_GT2 24217	58.65 2.60 -4.77	51.26 2.56 -2.98	42.42 2.08 -0.27	44.31 2.05 0.00	54.80 2.56 0.00	63.59 2.58 0.00	225.14 6.27 2.80	113.67 4.33 -1.16	58.26 3.10 -2.95	28.58 1.48 -3.88	32.19 1.57 -6.59	17.11 1.24 0.92	25.25 1.59 1.24	30.30 1.77 0.18	30.93 1.69 0.70	27.23 1.70 0.60	35.91 2.12 1.06	43.27 2.26 -1.00	48.09 2.93 -2.57	71.27 4.27 -5.97	60.44 3.52 -6.50	57.37 3.04 -5.41	62.06 3.23 -4.88	61.12 2.86 -11.77
PPL_SHRM_GT3 24213	57.92 2.41 -4.23	50.36 2.26 -2.38	42.07 1.79 -0.22	43.82 1.56 0.00	54.48 2.24 0.00	63.38 2.36 0.00	225.91 7.20 2.96	114.12 4.80 -1.13	57.96 3.10 -2.65	27.70 1.38 -3.10	31.66 1.48 -6.15	16.38 1.05 1.46	24.56 1.34 1.68	30.10 1.62 0.23	30.49 1.53 0.98	26.71 1.63 1.05	35.34 1.85 1.36	42.01 1.43 -0.58	47.65 2.98 -2.07	70.35 4.10 -5.23	59.05 3.42 -5.20	56.27 2.93 -4.41	61.37 3.10 -4.32	60.62 2.73 -11.41
PPL_SHRM_GT4 24214	57.92 2.41 -4.23	50.36 2.26 -2.38	42.07 1.79 -0.22	43.82 1.56 0.00	54.48 2.24 0.00	63.38 2.36 0.00	225.91 7.20 2.96	114.12 4.80 -1.13	57.96 3.10 -2.65	27.70 1.38 -3.10	31.66 1.48 -6.15	16.38 1.05 1.46	24.56 1.34 1.68	30.10 1.62 0.23	30.49 1.53 0.98	26.71 1.63 1.05	35.34 1.85 1.36	42.01 1.43 -0.58	47.65 2.98 -2.07	70.35 4.10 -5.23	59.05 3.42 -5.20	56.27 2.93 -4.41	61.37 3.10 -4.32	60.62 2.73 -11.41
PROJECT___ORANGE 1 24174	51.22 -0.06 0.00	45.63 -0.09 0.00	39.99 -0.07 0.00	42.16 -0.11 0.00	52.04 -0.20 0.00	60.85 -0.17 0.00	221.89 0.22 0.00	108.19 0.00 0.00	51.97 -0.24 0.00	23.15 -0.07 0.00	24.36 -0.06 -0.40	16.93 0.05 -0.09	25.00 0.06 -0.04	28.76 0.05 0.00	29.92 -0.02 0.00	25.62 0.00 0.51	33.69 -0.02 1.14	39.69 0.09 0.40	42.72 0.13 0.00	61.09 0.07 0.00	50.53 0.11 0.00	48.95 0.02 0.00	53.92 -0.03 0.00	46.39 -0.10 0.00
PROJECT___ORANGE 2 24166	51.22 -0.06 0.00	45.63 -0.09 0.00	39.99 -0.07 0.00	42.16 -0.11 0.00	52.04 -0.20 0.00	60.85 -0.17 0.00	221.89 0.22 0.00	108.19 0.00 0.00	51.97 -0.24 0.00	23.15 -0.07 0.00	24.36 -0.06 -0.40	16.93 0.05 -0.09	25.00 0.06 -0.04	28.76 0.05 0.00	29.92 -0.02 0.00	25.62 0.00 0.51	33.69 -0.02 1.14	39.69 0.09 0.40	42.72 0.13 0.00	61.09 0.07 0.00	50.53 0.11 0.00	48.95 0.02 0.00	53.92 -0.03 0.00	46.39 -0.10 0.00
PUCKETT___SOLAR 323809	51.99 0.70 0.00	46.44 0.73 0.00	40.83 0.76 0.00	43.07 0.81 0.00	53.17 0.93 0.00	62.38 1.36 0.00	227.95 6.29 0.00	111.23 3.05 0.00	52.55 0.33 0.00	23.48 0.26 0.00	25.80 0.33 -1.45	17.52 0.41 -0.32	25.59 0.57 -0.13	29.34 0.62 0.00	30.40 0.46 0.00	26.50 0.37 0.00	35.31 0.46 0.00	41.04 1.03 0.00	43.95 1.36 0.00	63.04 2.01 0.00	52.22 1.79 0.00	50.51 1.59 0.00	55.63 1.67 0.00	47.83 1.34 0.00
PYRITES___HYD 24023	51.66 0.38 0.00	46.02 0.30 0.00	40.31 0.24 0.00	42.56 0.30 0.00	53.20 0.96 0.00	62.25 1.23 0.00	226.01 4.34 0.00	110.11 1.92 0.00	52.91 0.69 0.00	23.16 -0.05 0.00	23.90 -0.24 -0.12	15.80 -1.02 -0.03	22.84 -2.07 -0.01	25.92 -2.80 0.00	25.90 -4.04 0.00	0.77 -4.02 21.34	-17.29 -4.62 47.52	20.32 -2.79 16.90	41.86 -0.73 0.00	60.62 -0.41 0.00	50.65 0.22 0.00	49.62 0.70 0.00	54.86 0.91 0.00	47.39 0.90 0.00
QUAKERRD_115KV_BK1 80622	49.97 -1.31 0.00	44.52 -1.20 0.00	38.93 -1.14 0.00	41.01 -1.25 0.00	50.65 -1.59 0.00	59.22 -1.80 0.00	217.07 -4.60 0.00	105.42 -2.77 0.00	50.39 -1.82 0.00	22.55 -0.67 -0.52	23.88 -0.67 -0.11	16.56 -0.34 -0.05	24.47 -0.48 0.00	28.16 -0.55 0.00	29.28 -0.67 0.00	25.63 -0.50 0.00	34.18 -0.67 0.00	39.17 -0.84 0.00	41.61 -0.99 0.00	59.11 -1.92 0.00	49.02 -1.41 0.00	47.53 -1.40 0.00	52.39 -1.56 0.00	45.20 -1.28 0.00
QUENSBRY_115KV_TB8 356137	54.00 2.71 0.00	48.23 2.52 0.00	42.21 2.15 0.00	44.51 2.25 0.00	54.85 2.62 0.00	64.11 3.09 0.00	234.08 12.41 0.00	113.76 5.58 0.00	54.79 2.57 0.00	24.03 0.80 0.00	30.60 0.74 -5.83	18.88 0.80 -1.29	26.54 1.13 -0.51	29.76 1.05 0.00	30.79 0.85 0.00	26.88 0.75 0.00	36.15 1.31 0.00	42.31 2.30 0.00	45.26 2.67 0.00	64.73 3.70 0.00	53.32 2.90 0.00	51.50 2.58 0.00	56.72 2.77 0.00	48.86 2.37 0.00
RAMAPO___LBMP 323565	52.69 1.41 0.00	46.86 1.14 0.00	41.10 1.04 0.00	43.44 1.17 0.00	53.48 1.24 0.00	62.43 1.42 0.00	226.63 4.97 0.00	111.26 3.08 0.00	53.82 1.61 0.00	23.98 0.76 0.00	29.48 0.84 -4.61	18.73 0.92 -1.02	26.59 1.29 -0.40	30.04 1.33 0.00	31.14 1.20 0.00	27.19 1.06 0.00	36.24 1.39 0.00	41.71 1.70 0.00	44.45 1.86 0.00	63.47 2.44 0.00	52.24 1.82 0.00	50.44 1.51 0.00	55.49 1.54 0.00	47.62 1.13 0.00
RANKINE____ 23646	50.36 -0.92 0.00	44.92 -0.80 0.00	39.28 -0.79 0.00	41.29 -0.97 0.00	50.97 -1.27 0.00	59.48 -1.54 0.00	218.98 -2.69 0.00	105.82 -2.37 0.00	50.48 -1.74 0.00	22.93 -0.29 0.00	24.54 -0.23 -0.74	16.94 -0.02 -0.16	24.97 0.00 -0.06	28.82 0.11 0.00	29.93 -0.01 0.00	26.28 0.15 0.00	34.99 0.14 0.00	40.12 0.11 0.00	42.23 -0.36 0.00	59.29 -1.74 0.00	49.42 -1.00 0.00	48.20 -0.73 0.00	53.36 -0.60 0.00	46.13 -0.35 0.00
RAVENSWOOD_GT2_1 24244	53.56 2.28 0.00	47.62 1.89 0.00	41.68 1.62 0.00	44.04 1.78 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.41 8.74 0.00	113.37 5.18 0.00	54.99 2.78 0.00	24.52 1.30 0.00	30.20 1.40 -4.77	19.12 1.27 -1.06	27.08 1.76 -0.42	30.60 1.89 0.00	31.70 1.76 0.00	27.67 1.54 0.00	36.87 2.02 0.00	42.46 2.45 0.00	45.37 2.78 0.00	64.73 3.70 0.00	53.31 2.89 0.00	51.31 2.38 0.00	56.38 2.43 0.00	48.41 1.92 0.00

RAVENSWOOD_GT2_2 24245	53.56 2.28 0.00	47.62 1.89 0.00	41.68 1.62 0.00	44.04 1.78 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.41 8.74 0.00	113.37 5.18 0.00	54.99 2.78 0.00	24.52 1.30 0.00	30.20 1.40 -4.77	19.12 1.27 -1.06	27.08 1.76 -0.42	30.60 1.89 0.00	31.70 1.76 0.00	27.67 1.54 0.00	36.87 2.02 0.00	42.46 2.45 0.00	45.37 2.78 0.00	64.73 3.70 0.00	53.31 2.89 0.00	51.31 2.38 0.00	56.38 2.43 0.00	48.41 1.92 0.00
RAVENSWOOD_GT2_3 24246	53.56 2.28 0.00	47.63 1.91 0.00	41.70 1.64 0.00	44.05 1.79 0.00	54.26 2.02 0.00	63.42 2.41 0.00	230.49 8.83 0.00	113.41 5.22 0.00	55.02 2.81 0.00	24.53 1.31 0.00	30.21 1.41 -4.77	19.13 1.28 -1.06	27.10 1.78 -0.42	30.61 1.90 0.00	31.72 1.78 0.00	27.69 1.56 0.00	36.88 2.04 0.00	42.48 2.47 0.00	45.39 2.80 0.00	64.75 3.73 0.00	53.33 2.90 0.00	51.33 2.40 0.00	56.41 2.45 0.00	48.42 1.94 0.00
RAVENSWOOD_GT2_4 24247	53.56 2.28 0.00	47.63 1.91 0.00	41.70 1.64 0.00	44.05 1.79 0.00	54.26 2.02 0.00	63.42 2.41 0.00	230.49 8.83 0.00	113.41 5.22 0.00	55.02 2.81 0.00	24.53 1.31 0.00	30.21 1.41 -4.77	19.13 1.28 -1.06	27.10 1.78 -0.42	30.61 1.90 0.00	31.72 1.78 0.00	27.69 1.56 0.00	36.88 2.04 0.00	42.48 2.47 0.00	45.39 2.80 0.00	64.75 3.73 0.00	53.33 2.90 0.00	51.33 2.40 0.00	56.41 2.45 0.00	48.42 1.94 0.00
RAVENSWOOD_GT3_1 24248	53.56 2.28 0.00	47.62 1.89 0.00	41.68 1.62 0.00	44.04 1.78 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.41 8.74 0.00	113.37 5.18 0.00	54.99 2.78 0.00	24.52 1.30 0.00	30.20 1.40 -4.77	19.12 1.27 -1.06	27.08 1.76 -0.42	30.60 1.89 0.00	31.70 1.76 0.00	27.67 1.54 0.00	36.87 2.02 0.00	42.46 2.45 0.00	45.37 2.78 0.00	64.73 3.71 0.00	53.32 2.89 0.00	51.31 2.38 0.00	56.38 2.43 0.00	48.41 1.92 0.00
RAVENSWOOD_GT3_2 24249	53.56 2.28 0.00	47.62 1.89 0.00	41.68 1.62 0.00	44.04 1.78 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.41 8.74 0.00	113.37 5.18 0.00	54.99 2.78 0.00	24.52 1.30 0.00	30.20 1.40 -4.77	19.12 1.27 -1.06	27.08 1.76 -0.42	30.60 1.89 0.00	31.70 1.76 0.00	27.67 1.54 0.00	36.87 2.02 0.00	42.46 2.45 0.00	45.37 2.78 0.00	64.73 3.71 0.00	53.32 2.89 0.00	51.31 2.38 0.00	56.38 2.43 0.00	48.41 1.92 0.00
RAVENSWOOD_GT3_3 24250	53.62 2.33 0.00	47.67 1.95 0.00	41.74 1.67 0.00	44.09 1.83 0.00	54.31 2.08 0.00	63.48 2.47 0.00	230.72 9.06 0.00	113.57 5.38 0.00	55.08 2.86 0.00	24.56 1.34 0.00	30.24 1.44 -4.77	19.15 1.30 -1.06	27.13 1.81 -0.42	30.65 1.94 0.00	31.75 1.81 0.00	27.72 1.59 0.00	36.93 2.08 0.00	42.54 2.53 0.00	45.45 2.85 0.00	64.82 3.80 0.00	53.39 2.96 0.00	51.39 2.47 0.00	56.46 2.50 0.00	48.47 1.98 0.00
RAVENSWOOD_GT3_4 24251	53.62 2.33 0.00	47.67 1.95 0.00	41.74 1.67 0.00	44.09 1.83 0.00	54.31 2.08 0.00	63.48 2.47 0.00	230.72 9.06 0.00	113.57 5.38 0.00	55.08 2.86 0.00	24.56 1.34 0.00	30.24 1.44 -4.77	19.15 1.30 -1.06	27.13 1.81 -0.42	30.65 1.94 0.00	31.75 1.81 0.00	27.72 1.59 0.00	36.93 2.08 0.00	42.54 2.53 0.00	45.45 2.85 0.00	64.82 3.80 0.00	53.39 2.96 0.00	51.39 2.47 0.00	56.46 2.50 0.00	48.47 1.98 0.00
RAVENSWOOD_GT_1 23729	55.19 2.49 -1.43	50.19 2.08 -2.39	45.45 1.77 -3.62	47.29 1.94 -3.08	55.82 2.22 -1.36	63.99 2.61 -0.36	231.14 9.47 0.00	115.61 5.77 -1.65	110.41 3.04 -55.16	109.37 1.41 -84.74	107.54 1.52 -81.99	107.52 1.36 -89.37	107.64 1.89 -80.85	102.02 2.04 -71.26	81.88 1.91 -50.02	83.52 1.67 -55.71	71.79 2.18 -34.76	57.61 2.62 -14.97	48.41 2.93 -2.89	64.93 3.91 0.00	53.48 3.05 0.00	59.11 2.60 -7.58	60.74 2.73 -4.06	51.76 2.19 -3.09
RAVENSWOOD_GT_10 24258	53.72 2.27 -0.16	47.89 1.89 -0.28	42.09 1.61 -0.42	44.39 1.77 -0.36	54.39 2.00 -0.16	63.44 2.38 -0.04	230.39 8.72 0.00	113.52 5.17 -0.16	61.35 2.77 -6.37	34.29 1.29 -9.78	39.10 1.39 -13.68	29.31 1.27 -11.24	36.36 1.76 -9.70	38.82 1.88 -8.22	37.47 1.75 -5.77	34.10 1.54 -6.43	40.87 2.01 -4.01	44.19 2.45 -1.73	45.70 2.78 -0.33	64.72 3.69 0.00	53.31 2.88 0.00	52.18 2.38 -0.88	56.74 2.41 -0.37	48.51 1.91 -0.11
RAVENSWOOD_GT_11 24259	53.72 2.27 -0.16	47.89 1.89 -0.28	42.09 1.61 -0.42	44.39 1.77 -0.36	54.39 2.00 -0.16	63.44 2.38 -0.04	230.39 8.72 0.00	113.52 5.17 -0.16	61.35 2.77 -6.37	34.29 1.29 -9.78	39.10 1.39 -13.68	29.31 1.27 -11.24	36.36 1.76 -9.70	38.82 1.88 -8.22	37.47 1.75 -5.77	34.10 1.54 -6.43	40.87 2.01 -4.01	44.19 2.45 -1.73	45.70 2.78 -0.33	64.72 3.69 0.00	53.31 2.88 0.00	52.18 2.38 -0.88	56.74 2.41 -0.37	48.51 1.91 -0.11
RAVENSWOOD_GT_4 24252	54.62 2.25 -1.09	49.41 1.87 -1.82	44.42 1.60 -2.75	46.37 1.76 -2.35	55.25 1.97 -1.03	63.65 2.35 -0.28	230.28 8.61 0.00	114.36 5.09 -1.08	96.95 2.73 -42.00	89.01 1.27 -64.52	88.97 1.37 -63.57	86.35 1.25 -68.31	88.30 1.74 -61.66	84.83 1.85 -54.26	69.76 1.72 -38.09	70.06 1.51 -42.42	63.30 1.98 -26.47	53.82 2.41 -11.40	47.54 2.75 -2.20	64.69 3.66 0.00	53.27 2.85 0.00	57.05 2.35 -5.78	58.80 2.38 -2.47	49.10 1.87 -0.74
RAVENSWOOD_GT_5 24254	54.62 2.25 -1.09	49.41 1.87 -1.82	44.42 1.60 -2.75	46.37 1.76 -2.35	55.25 1.97 -1.03	63.65 2.35 -0.28	230.28 8.61 0.00	114.36 5.09 -1.08	96.95 2.73 -42.00	89.01 1.27 -64.52	88.97 1.37 -63.57	86.35 1.25 -68.31	88.30 1.74 -61.66	84.83 1.85 -54.26	69.76 1.72 -38.09	70.06 1.51 -42.42	63.30 1.98 -26.47	53.82 2.41 -11.40	47.54 2.75 -2.20	64.69 3.66 0.00	53.27 2.85 0.00	57.05 2.35 -5.78	58.80 2.38 -2.47	49.10 1.87 -0.74
RAVENSWOOD_GT_6 24253	54.62 2.25 -1.09	49.41 1.87 -1.82	44.42 1.60 -2.75	46.37 1.76 -2.35	55.25 1.97 -1.03	63.65 2.35 -0.28	230.28 8.61 0.00	114.36 5.09 -1.08	96.95 2.73 -42.00	89.01 1.27 -64.52	88.97 1.37 -63.57	86.35 1.25 -68.31	88.30 1.74 -61.66	84.83 1.85 -54.26	69.76 1.72 -38.09	70.06 1.51 -42.42	63.30 1.98 -26.47	53.82 2.41 -11.40	47.54 2.75 -2.20	64.69 3.66 0.00	53.27 2.85 0.00	57.05 2.35 -5.78	58.80 2.38 -2.47	49.10 1.87 -0.74
RAVENSWOOD_GT_7 24255	54.62 2.25 -1.09	49.41 1.87 -1.82	44.42 1.60 -2.75	46.37 1.76 -2.35	55.25 1.97 -1.03	63.65 2.35 -0.28	230.28 8.61 0.00	114.36 5.09 -1.08	96.95 2.73 -42.00	89.01 1.27 -64.52	88.97 1.37 -63.57	86.35 1.25 -68.31	88.30 1.74 -61.66	84.83 1.85 -54.26	69.76 1.72 -38.09	70.06 1.51 -42.42	63.30 1.98 -26.47	53.82 2.41 -11.40	47.54 2.75 -2.20	64.69 3.66 0.00	53.27 2.85 0.00	57.05 2.35 -5.78	58.80 2.38 -2.47	49.10 1.87 -0.74
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.72 2.27 -0.16	47.89 1.89 -0.28	42.09 1.61 -0.42	44.39 1.77 -0.36	54.39 2.00 -0.16	63.44 2.38 -0.04	230.39 8.72 0.00	113.52 5.17 -0.16	61.35 2.77 -6.37	34.29 1.29 -9.78	39.10 1.39 -13.68	29.31 1.27 -11.24	36.36 1.76 -9.70	38.82 1.88 -8.22	37.47 1.75 -5.77	34.10 1.54 -6.43	40.87 2.01 -4.01	44.19 2.45 -1.73	45.70 2.78 -0.33	64.72 3.69 0.00	53.31 2.88 0.00	52.18 2.38 -0.88	56.74 2.41 -0.37	48.51 1.91 -0.11

RAVENSWOOD_GT_9 24257	53.72 2.27 -0.16	47.89 1.89 -0.28	42.09 1.61 -0.42	44.39 1.77 -0.36	54.39 2.00 -0.16	63.44 2.38 -0.04	230.39 8.72 0.00	113.52 5.17 -0.16	61.35 2.77 -6.37	34.29 1.29 -9.78	39.10 1.39 -13.68	29.31 1.27 -11.24	36.36 1.76 -9.70	38.82 1.88 -8.22	37.47 1.75 -5.77	34.10 1.54 -6.43	40.87 2.01 -4.01	44.19 2.45 -1.73	45.70 2.78 -0.33	64.72 3.69 0.00	53.31 2.88 0.00	52.18 2.38 -0.88	56.74 2.41 -0.37	48.51 1.91 -0.11
RAVENSWOOD___1 23533	52.26 2.38 1.40	45.35 1.99 2.36	38.20 1.70 3.56	41.08 1.86 3.04	53.02 2.12 1.34	63.17 2.51 0.36	230.83 9.17 0.00	112.36 5.57 1.40	110.38 3.01 -55.16	109.37 1.41 -84.74	107.54 1.52 -81.99	107.52 1.36 -89.37	107.64 1.89 -80.85	102.02 2.04 -71.26	81.88 1.91 -50.02	83.52 1.68 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.41 2.93 -2.89	64.93 3.90 0.00	53.48 3.05 0.00	43.99 2.53 7.47	53.43 2.66 3.19	47.65 2.12 0.96
RAVENSWOOD___2 23534	52.26 2.38 1.40	45.35 1.99 2.36	38.20 1.70 3.56	41.08 1.86 3.04	53.02 2.12 1.34	63.17 2.51 0.36	230.83 9.17 0.00	112.36 5.57 1.40	110.38 3.01 -55.16	109.37 1.41 -84.74	107.54 1.52 -81.99	107.52 1.36 -89.37	107.64 1.89 -80.85	102.02 2.04 -71.26	81.88 1.91 -50.02	83.52 1.68 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.41 2.93 -2.89	64.93 3.90 0.00	53.48 3.05 0.00	43.99 2.53 7.47	53.43 2.66 3.19	47.65 2.12 0.96
RAVENSWOOD___3 23535	53.56 2.28 0.00	47.62 1.89 0.00	41.68 1.62 0.00	44.04 1.78 0.00	54.25 2.01 0.00	63.41 2.39 0.00	230.40 8.74 0.00	113.36 5.18 0.00	54.99 2.78 0.00	24.52 1.30 0.00	30.20 1.40 -4.77	19.12 1.27 -1.06	27.08 1.76 -0.42	30.60 1.89 0.00	31.70 1.76 0.00	27.68 1.55 0.00	36.87 2.02 0.00	42.47 2.46 0.00	45.38 2.79 0.00	64.73 3.71 0.00	53.32 2.89 0.00	51.31 2.38 0.00	56.39 2.43 0.00	48.41 1.93 0.00
RAVENSWOOD___4 23820	52.26 2.38 1.40	45.35 1.99 2.36	38.20 1.70 3.56	41.08 1.86 3.04	53.02 2.12 1.34	63.17 2.51 0.36	230.83 9.17 0.00	112.36 5.57 1.40	110.38 3.01 -55.16	109.37 1.41 -84.74	107.54 1.52 -81.99	107.52 1.36 -89.37	107.64 1.89 -80.85	102.02 2.04 -71.26	81.88 1.91 -50.02	83.52 1.68 -55.71	71.80 2.19 -34.76	57.60 2.62 -14.97	48.41 2.93 -2.89	64.93 3.90 0.00	53.48 3.05 0.00	43.99 2.53 7.47	53.43 2.66 3.19	47.65 2.12 0.96
RCPL_TRUST___DRP 24196	53.51 2.23 0.00	47.58 1.86 0.00	41.63 1.57 0.00	44.00 1.74 0.00	54.20 1.96 0.00	63.36 2.35 0.00	230.34 8.68 0.00	113.31 5.12 0.00	55.01 2.80 0.00	24.53 1.31 0.00	30.21 1.41 -4.77	19.11 1.26 -1.06	27.06 1.75 -0.42	30.58 1.87 0.00	31.68 1.73 0.00	27.65 1.52 0.00	36.84 1.99 0.00	42.44 2.43 0.00	45.37 2.78 0.00	64.69 3.67 0.00	53.28 2.86 0.00	51.25 2.33 0.00	56.28 2.33 0.00	48.34 1.85 0.00
RED___ROCHESTER 323720	51.19 -0.09 0.00	45.58 -0.14 0.00	39.84 -0.22 0.00	41.95 -0.32 0.00	51.81 -0.43 0.00	60.60 -0.42 0.00	222.73 1.06 0.00	108.02 -0.16 0.00	51.57 -0.64 0.00	23.10 -0.12 0.00	24.49 -0.07 -0.53	17.00 0.09 -0.12	25.12 1.75 -0.05	28.91 1.87 0.00	30.04 0.10 0.00	26.33 0.20 0.00	35.12 0.28 0.00	40.18 0.17 0.00	42.63 0.04 0.00	60.47 -0.56 0.00	50.24 -0.19 0.00	48.72 -0.20 0.00	53.70 -0.25 0.00	46.33 -0.16 0.00
REGAN___SOLAR 323812	54.34 3.06 0.00	48.43 2.71 0.00	42.46 2.39 0.00	44.78 2.51 0.00	55.44 3.20 0.00	65.01 3.99 0.00	237.67 16.00 0.00	114.86 6.67 0.00	53.72 1.51 0.00	23.28 0.06 0.00	30.17 -0.06 -6.21	18.30 0.13 -1.37	25.73 0.29 -0.54	28.68 -0.03 0.00	29.91 -0.03 0.00	26.13 0.00 0.00	34.64 -0.20 0.00	40.55 0.54 0.00	44.76 2.17 0.00	65.42 4.40 0.00	54.25 3.82 0.00	52.40 3.48 0.00	57.60 3.65 0.00	49.50 3.01 0.00
RENSSELAER___COGEN 23796	51.89 0.61 0.00	46.38 0.66 0.00	40.66 0.59 0.00	42.87 0.62 0.00	52.68 0.44 0.00	61.30 0.28 0.00	221.08 -0.59 0.00	107.91 -0.28 0.00	52.31 0.10 0.00	23.32 0.10 0.00	29.86 0.18 -5.65	18.43 0.39 -1.25	25.96 0.56 -0.49	29.11 0.40 0.00	30.15 0.21 0.00	26.32 0.19 0.00	35.07 0.23 0.00	40.56 0.55 0.00	43.03 0.44 0.00	61.50 0.47 0.00	50.69 0.26 0.00	48.98 0.06 0.00	53.95 -0.01 0.00	46.54 0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.49 4.20 0.00	49.81 4.08 0.00	43.51 3.44 0.00	45.89 3.63 0.00	56.38 4.14 0.00	65.85 4.83 0.00	242.71 21.05 0.00	117.25 9.06 0.00	56.39 4.18 0.00	24.57 1.35 0.00	31.00 1.14 -5.83	19.27 1.19 -1.29	26.95 1.54 -0.51	30.30 1.59 0.00	31.36 1.41 0.00	27.38 1.25 0.00	37.14 2.29 0.00	44.17 4.16 0.00	47.10 4.51 0.00	66.82 5.79 0.00	55.05 4.63 0.00	53.16 4.23 0.00	58.59 4.63 0.00	50.63 4.14 0.00
REVERE_CPPR_DRP 24186	53.05 1.77 0.00	47.29 1.57 0.00	41.51 1.44 0.00	43.82 1.55 0.00	54.20 1.96 0.00	63.59 2.57 0.00	232.51 10.84 0.00	113.23 5.05 0.00	54.21 1.99 0.00	23.96 0.74 0.00	24.91 0.65 -0.23	17.23 0.39 -0.05	25.38 0.45 -0.02	29.13 0.42 0.00	30.32 0.38 0.00	25.01 0.39 1.50	32.07 0.57 3.35	39.78 0.96 1.19	44.21 1.62 0.00	63.86 2.83 0.00	52.90 2.48 0.00	51.18 2.25 0.00	56.31 2.36 0.00	48.36 1.87 0.00
REYNOLDS_115KV_TB3 80639	52.17 0.88 0.00	46.60 0.88 0.00	40.83 0.76 0.00	43.06 0.80 0.00	52.92 0.68 0.00	61.66 0.64 0.00	222.40 0.73 0.00	108.49 0.30 0.00	52.67 0.45 0.00	23.45 0.22 0.00	30.00 0.31 -5.66	18.50 0.45 -1.25	26.07 0.68 -0.49	29.24 0.53 0.00	30.28 0.33 0.00	26.41 0.28 0.00	35.26 0.41 0.00	40.85 0.84 0.00	43.33 0.74 0.00	61.87 0.84 0.00	50.90 0.47 0.00	49.18 0.25 0.00	54.24 0.29 0.00	46.78 0.29 0.00
RIVERBAY____ 323610	53.41 2.13 0.00	47.46 1.74 0.00	41.57 1.51 0.00	43.89 1.63 0.00	54.07 1.83 0.00	63.20 2.18 0.00	229.73 8.06 0.00	113.30 5.12 0.00	55.15 2.94 0.01	24.64 1.43 0.01	30.31 1.52 -4.77	19.19 1.36 -1.05	27.20 1.89 -0.41	30.73 2.02 0.01	31.84 1.91 0.01	27.79 1.67 0.01	36.91 2.07 0.01	42.40 2.39 0.00	45.28 2.69 0.00	64.67 3.64 0.00	53.28 2.85 0.00	51.29 2.36 0.00	56.34 2.38 -0.01	48.36 1.88 0.00
RIVERSDE_115KV_TB3 55908	52.08 0.80 0.00	46.54 0.82 0.00	40.78 0.71 0.00	43.01 0.75 0.00	52.84 0.60 0.00	61.54 0.52 0.00	221.98 0.32 0.00	108.30 0.11 0.00	52.54 0.33 0.00	23.41 0.18 0.00	29.97 0.27 -5.67	18.49 0.44 -1.25	26.05 0.65 -0.49	29.21 0.50 0.00	30.25 0.31 0.00	26.40 0.26 0.00	35.20 0.36 0.00	40.75 0.74 0.00	43.23 0.63 0.00	61.76 0.73 0.00	50.86 0.43 0.00	49.14 0.21 0.00	54.14 0.19 0.00	46.70 0.22 0.00
ROARING___BROOK_WT_PWR 323790	50.70 -0.58 0.00	45.31 -0.41 0.00	39.84 -0.22 0.00	42.06 -0.20 0.00	52.17 -0.06 0.00	60.93 -0.09 0.00	221.25 -0.41 0.00	107.95 -0.23 0.00	52.17 -0.04 0.00	23.14 -0.08 0.00	23.82 -0.21 0.00	16.22 -0.58 0.00	23.76 -1.14 0.00	27.09 -1.62 0.00	27.58 -2.36 0.00	-7.91 -2.39 31.66	-38.46 -2.82 70.49	12.96 -1.98 25.07	41.93 -0.67 0.00	60.40 -0.63 0.00	50.03 -0.39 0.00	48.57 -0.35 0.00	53.72 -0.23 0.00	46.39 -0.09 0.00

ROCHESRG_115KV_T4 355643	50.65 -0.63 0.00	45.13 -0.59 0.00	39.45 -0.61 0.00	41.55 -0.71 0.00	51.29 -0.95 0.00	59.94 -1.08 0.00	219.94 -1.72 0.00	106.72 -1.47 0.00	50.99 -1.22 0.00	22.86 -0.36 0.00	24.22 -0.33 -0.53	16.81 -0.10 -0.12	24.84 -0.11 -0.05	28.60 -0.11 0.00	29.73 -0.21 0.00	26.05 -0.08 0.00	34.73 -0.12 0.00	39.72 -0.29 0.00	42.12 -0.47 0.00	59.70 -1.32 0.00	49.58 -0.84 0.00	48.11 -0.82 0.00	53.10 -0.86 0.00	45.83 -0.65 0.00
ROCHESTER_9_IC 23652	50.93 -0.35 0.00	45.36 -0.35 0.00	39.66 -0.41 0.00	41.76 -0.50 0.00	51.57 -0.67 0.00	60.28 -0.73 0.00	221.41 -0.26 0.00	107.42 -0.77 0.00	51.30 -0.91 0.00	22.98 -0.24 0.00	24.37 -0.19 -0.53	16.91 0.00 -0.12	24.98 0.03 -0.05	28.76 0.05 0.00	29.89 -0.05 0.00	26.18 0.05 0.00	34.91 0.07 0.00	39.95 -0.06 0.00	42.38 -0.21 0.00	60.09 -0.94 0.00	49.91 -0.51 0.00	48.43 -0.50 0.00	53.42 -0.54 0.00	46.09 -0.40 0.00
ROCKVIEW_13_KV_LD 356306	53.62 2.34 0.00	47.69 1.97 0.00	41.76 1.70 0.00	44.10 1.84 0.00	54.31 2.08 0.00	63.47 2.45 0.00	230.67 9.01 0.00	113.34 5.16 0.00	54.87 2.66 0.00	24.46 1.24 0.00	30.12 1.31 -4.77	19.08 1.24 -1.06	27.06 1.74 -0.42	30.56 1.85 0.00	31.67 1.72 0.00	27.65 1.52 0.00	36.86 2.01 0.00	42.46 2.45 0.00	45.33 2.74 0.00	64.69 3.67 0.00	53.28 2.86 0.00	51.32 2.39 0.00	56.41 2.45 0.00	48.42 1.93 0.00
ROME____115KV_TB2 80656	53.05 1.77 0.00	47.29 1.57 0.00	41.51 1.44 0.00	43.82 1.55 0.00	54.20 1.96 0.00	63.59 2.57 0.00	232.51 10.84 0.00	113.23 5.05 0.00	54.21 1.99 0.00	23.96 0.74 0.00	24.91 0.65 -0.23	17.23 0.39 -0.05	25.38 0.45 -0.02	29.13 0.42 0.00	30.32 0.38 0.00	25.01 0.39 1.50	32.07 0.57 3.35	39.78 0.96 1.19	44.21 1.62 0.00	63.86 2.83 0.00	52.90 2.48 0.00	51.18 2.25 0.00	56.31 2.36 0.00	48.36 1.87 0.00
ROSETON___1 23587	52.82 1.54 0.00	47.02 1.31 0.00	41.21 1.14 0.00	43.51 1.25 0.00	53.57 1.33 0.00	62.56 1.54 0.00	227.04 5.38 0.00	111.36 3.18 0.00	53.92 1.71 0.00	24.01 0.79 0.00	29.62 0.84 -4.75	18.76 0.92 -1.05	26.62 1.31 -0.41	30.05 1.33 0.00	31.13 1.19 0.00	27.18 1.05 0.00	36.22 1.38 0.00	41.74 1.74 0.00	44.48 1.89 0.00	63.49 2.47 0.00	52.25 1.82 0.00	50.41 1.49 0.00	55.46 1.50 0.00	47.64 1.16 0.00
ROSETON___2 23588	52.82 1.54 0.00	47.02 1.31 0.00	41.21 1.14 0.00	43.51 1.25 0.00	53.57 1.33 0.00	62.56 1.54 0.00	227.04 5.38 0.00	111.36 3.18 0.00	53.92 1.71 0.00	24.01 0.79 0.00	29.62 0.84 -4.75	18.76 0.92 -1.05	26.62 1.31 -0.41	30.05 1.33 0.00	31.13 1.19 0.00	27.18 1.05 0.00	36.22 1.38 0.00	41.74 1.74 0.00	44.48 1.89 0.00	63.49 2.47 0.00	52.25 1.82 0.00	50.41 1.49 0.00	55.46 1.50 0.00	47.64 1.16 0.00
ROTRRDAM_115KV_TB3 80664	52.47 1.19 0.00	46.79 1.07 0.00	40.98 0.92 0.00	43.23 0.97 0.00	53.32 1.08 0.00	62.29 1.28 0.00	226.06 4.40 0.00	110.24 2.06 0.00	53.16 0.94 0.00	23.55 0.33 0.00	30.25 0.33 -5.89	18.56 0.47 -1.30	26.12 0.70 -0.51	29.30 0.59 0.00	30.37 0.43 0.00	26.51 0.37 0.00	35.39 0.55 0.00	40.95 0.94 0.00	43.70 1.11 0.00	62.62 1.59 0.00	51.61 1.18 0.00	49.91 0.98 0.00	55.00 1.04 0.00	47.35 0.85 0.00
RUSSELL___1 23602	51.18 -0.10 0.00	45.58 -0.14 0.00	39.84 -0.22 0.00	41.94 -0.32 0.00	51.81 -0.43 0.00	60.59 -0.43 0.00	222.69 1.03 0.00	108.02 -0.17 0.00	51.58 -0.64 0.00	23.10 -0.12 0.00	24.49 -0.07 -0.53	17.00 0.09 -0.12	25.12 0.17 -0.05	28.90 0.19 0.00	30.03 0.09 0.00	26.32 0.18 0.00	35.09 0.24 0.00	40.17 0.16 0.00	42.62 0.03 0.00	60.46 -0.57 0.00	50.23 -0.20 0.00	48.72 -0.21 0.00	53.71 -0.24 0.00	46.33 -0.16 0.00
RUSSELL___2 23532	51.18 -0.10 0.00	45.58 -0.14 0.00	39.84 -0.22 0.00	41.94 -0.32 0.00	51.81 -0.43 0.00	60.59 -0.43 0.00	222.69 1.03 0.00	108.02 -0.17 0.00	51.58 -0.64 0.00	23.10 -0.12 0.00	24.49 -0.07 -0.53	17.00 0.09 -0.12	25.12 0.17 -0.05	28.90 0.19 0.00	30.03 0.09 0.00	26.32 0.18 0.00	35.09 0.24 0.00	40.17 0.16 0.00	42.62 0.03 0.00	60.46 -0.57 0.00	50.23 -0.20 0.00	48.72 -0.21 0.00	53.71 -0.24 0.00	46.33 -0.16 0.00
RUSSELL___3 23549	51.18 -0.10 0.00	45.58 -0.14 0.00	39.84 -0.22 0.00	41.94 -0.32 0.00	51.81 -0.43 0.00	60.59 -0.43 0.00	222.69 1.03 0.00	108.02 -0.17 0.00	51.58 -0.64 0.00	23.10 -0.12 0.00	24.49 -0.07 -0.53	17.00 0.09 -0.12	25.12 0.17 -0.05	28.90 0.19 0.00	30.03 0.09 0.00	26.32 0.18 0.00	35.09 0.24 0.00	40.17 0.16 0.00	42.62 0.03 0.00	60.46 -0.57 0.00	50.23 -0.20 0.00	48.72 -0.21 0.00	53.71 -0.24 0.00	46.33 -0.16 0.00
RUSSELL___4 23556	51.18 -0.10 0.00	45.58 -0.14 0.00	39.84 -0.22 0.00	41.94 -0.32 0.00	51.81 -0.43 0.00	60.59 -0.43 0.00	222.69 1.03 0.00	108.02 -0.17 0.00	51.58 -0.64 0.00	23.10 -0.12 0.00	24.49 -0.07 -0.53	17.00 0.09 -0.12	25.12 0.17 -0.05	28.90 0.19 0.00	30.03 0.09 0.00	26.32 0.18 0.00	35.09 0.24 0.00	40.17 0.16 0.00	42.62 0.03 0.00	60.46 -0.57 0.00	50.23 -0.20 0.00	48.72 -0.21 0.00	53.71 -0.24 0.00	46.33 -0.16 0.00
RUSSELL___STATION 23914	51.18 -0.10 0.00	45.58 -0.14 0.00	39.84 -0.22 0.00	41.94 -0.32 0.00	51.81 -0.43 0.00	60.59 -0.43 0.00	222.69 1.03 0.00	108.02 -0.17 0.00	51.58 -0.64 0.00	23.10 -0.12 0.00	24.49 -0.07 -0.53	17.00 0.09 -0.12	25.12 0.17 -0.05	28.90 0.19 0.00	30.03 0.09 0.00	26.32 0.18 0.00	35.09 0.24 0.00	40.17 0.16 0.00	42.62 0.03 0.00	60.46 -0.57 0.00	50.23 -0.20 0.00	48.72 -0.21 0.00	53.71 -0.24 0.00	46.33 -0.16 0.00
S SALMON___HYD 24043	50.57 -0.71 0.00	45.11 -0.61 0.00	39.65 -0.42 0.00	41.85 -0.41 0.00	51.84 -0.40 0.00	60.76 -0.25 0.00	222.00 0.34 0.00	108.03 -0.16 0.00	51.63 -0.58 0.00	22.76 -0.46 0.00	23.77 -0.59 -0.33	16.37 -0.49 -0.07	24.11 -0.82 -0.03	27.69 -1.03 0.00	28.75 -1.19 0.00	23.08 -1.09 1.96	28.99 -1.49 4.37	37.19 -1.27 1.55	42.02 -0.58 0.00	60.85 -0.18 0.00	50.39 -0.04 0.00	48.84 -0.08 0.00	53.88 -0.07 0.00	46.34 -0.15 0.00
S.PERRY__115KV_TB1 80734	52.17 0.88 0.00	46.61 0.89 0.00	40.89 0.82 0.00	43.05 0.79 0.00	53.32 1.09 0.00	62.49 1.47 0.00	231.14 9.47 0.00	111.79 3.60 0.00	52.42 0.21 0.00	23.14 -0.08 0.00	24.74 -0.06 -0.77	17.03 0.07 -0.17	25.17 0.20 -0.07	28.91 0.20 0.00	30.01 0.06 0.00	26.24 0.11 0.00	34.96 0.11 0.00	40.41 0.40 0.00	43.54 0.96 0.00	62.39 1.36 0.00	52.14 1.72 0.00	50.71 1.78 0.00	55.80 1.85 0.00	47.98 1.50 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.65 -1.63 0.00	44.27 -1.45 0.00	38.67 -1.40 0.00	40.66 -1.60 0.00	50.19 -2.05 0.00	58.54 -2.48 0.00	215.42 -6.25 0.00	103.99 -4.19 0.00	49.57 -2.65 0.00	22.51 -0.71 0.00	24.08 -0.65 -0.71	16.64 -0.31 -0.16	24.57 -0.40 -0.06	28.36 -0.36 0.00	29.50 -0.44 0.00	25.92 -0.21 0.00	34.49 -0.36 0.00	39.39 -0.62 0.00	41.44 -1.15 0.00	58.13 -2.90 0.00	48.44 -1.99 0.00	47.23 -1.70 0.00	52.34 -1.61 0.00	45.31 -1.17 0.00

SAWYER___23_KV_LOAD 55526	49.65 -1.63 0.00	44.27 -1.45 0.00	38.67 -1.40 0.00	40.66 -1.60 0.00	50.19 -2.05 0.00	58.54 -2.48 0.00	215.42 -6.25 0.00	103.99 -4.19 0.00	49.57 -2.65 0.00	22.51 -0.71 0.00	24.08 -0.65 -0.71	16.64 -0.31 -0.16	24.57 -0.40 -0.06	28.36 -0.36 0.00	29.50 -0.44 0.00	25.92 -0.21 0.00	34.49 -0.36 0.00	39.39 -0.62 0.00	41.44 -1.15 0.00	58.13 -2.90 0.00	48.44 -1.99 0.00	47.23 -1.70 0.00	52.34 -1.61 0.00	45.31 -1.17 0.00
SELKIRK___I 23801	52.24 0.96 0.00	46.68 0.97 0.00	40.90 0.84 0.00	43.17 0.91 0.00	53.11 0.87 0.00	61.89 0.88 0.00	223.66 2.00 0.00	108.83 0.64 0.00	52.59 0.38 0.00	23.36 0.14 0.00	29.76 0.15 -5.58	18.40 0.37 -1.23	25.94 0.56 -0.49	29.09 0.38 0.00	30.21 0.27 0.00	26.35 0.22 0.00	35.15 0.30 0.00	40.61 0.61 0.00	43.32 0.73 0.00	62.02 0.99 0.00	51.11 0.68 0.00	49.40 0.47 0.00	54.46 0.50 0.00	46.95 0.47 0.00
SELKIRK___II 23799	52.02 0.74 0.00	46.46 0.74 0.00	40.71 0.64 0.00	42.94 0.68 0.00	52.83 0.59 0.00	61.56 0.54 0.00	222.39 0.72 0.00	108.57 0.38 0.00	52.58 0.36 0.00	23.41 0.19 0.00	29.90 0.24 -5.63	18.47 0.44 -1.24	26.05 0.66 -0.49	29.22 0.50 0.00	30.28 0.33 0.00	26.42 0.29 0.00	35.22 0.38 0.00	40.68 0.67 0.00	43.21 0.61 0.00	61.79 0.76 0.00	50.91 0.48 0.00	49.22 0.29 0.00	54.22 0.27 0.00	46.73 0.24 0.00
SENECA OSWGO___HYD 24041	50.64 -0.64 0.00	45.11 -0.61 0.00	39.54 -0.53 0.00	41.68 -0.58 0.00	51.49 -0.75 0.00	60.20 -0.81 0.00	219.49 -2.17 0.00	107.02 -1.17 0.00	51.42 -0.79 0.00	22.89 -0.33 0.00	24.04 -0.34 -0.35	16.69 -0.18 -0.08	24.66 -0.28 -0.03	28.35 -0.37 0.00	29.47 -0.48 0.00	25.09 -0.42 0.62	32.91 -0.55 1.39	39.00 -0.52 0.49	42.21 -0.39 0.00	60.43 -0.59 0.00	49.98 -0.45 0.00	48.40 -0.53 0.00	53.32 -0.64 0.00	45.89 -0.60 0.00
SENECA___115KV_TB3 355854	50.44 -0.84 0.00	44.98 -0.73 0.00	39.34 -0.72 0.00	41.37 -0.89 0.00	51.07 -1.17 0.00	59.58 -1.44 0.00	219.40 -2.27 0.00	106.02 -2.16 0.00	50.58 -1.64 0.00	22.97 -0.25 0.00	24.59 -0.18 -0.74	16.97 0.02 -0.16	25.02 0.05 -0.06	28.88 0.16 0.00	29.98 0.04 0.00	26.33 0.20 0.00	35.06 0.21 0.00	40.19 0.18 0.00	42.30 -0.29 0.00	59.39 -1.63 0.00	49.53 -0.90 0.00	48.28 -0.65 0.00	53.46 -0.50 0.00	46.21 -0.27 0.00
SENECA___ENERGY 23797	51.66 0.38 0.00	46.05 0.33 0.00	40.33 0.27 0.00	42.55 0.29 0.00	52.42 0.18 0.00	61.30 0.28 0.00	223.72 2.05 0.00	109.02 0.83 0.00	52.20 -0.02 0.00	23.32 0.10 0.00	24.67 0.08 -0.57	17.08 0.16 -0.12	25.15 0.20 -0.05	28.98 0.27 0.00	30.08 0.14 0.00	26.32 0.19 0.00	35.07 0.22 0.00	40.49 0.49 0.00	43.19 0.60 0.00	61.54 0.52 0.00	51.04 0.61 0.00	49.45 0.52 0.00	54.35 0.39 0.00	46.89 0.40 0.00
SHOEMAKER___GT 23640	52.63 1.35 0.00	46.84 1.12 0.00	41.07 1.01 0.00	43.36 1.10 0.00	53.41 1.17 0.00	62.39 1.37 0.00	226.48 4.82 0.00	111.01 2.82 0.00	53.62 1.41 0.00	23.85 0.63 0.00	29.13 0.63 -4.47	18.59 0.81 -0.99	26.44 1.14 -0.39	29.85 1.14 0.00	30.92 0.97 0.00	27.00 0.87 0.00	35.99 1.15 0.00	41.48 1.47 0.00	44.22 1.63 0.00	63.21 2.19 0.00	52.02 1.60 0.00	50.27 1.35 0.00	55.35 1.40 0.00	47.54 1.05 0.00
SHOEMAKR_138KV_BK 111 55601	52.60 1.32 0.00	46.81 1.09 0.00	41.06 0.99 0.00	43.35 1.08 0.00	53.39 1.15 0.00	62.36 1.34 0.00	226.38 4.72 0.00	110.99 2.80 0.00	53.62 1.41 0.00	23.86 0.64 0.00	29.13 0.65 -4.45	18.59 0.82 -0.98	26.45 1.16 -0.39	29.88 1.16 0.00	30.95 1.00 0.00	27.02 0.89 0.00	36.02 1.18 0.00	41.50 1.49 0.00	44.23 1.64 0.00	63.22 2.19 0.00	52.03 1.60 0.00	50.26 1.33 0.00	55.32 1.37 0.00	47.52 1.03 0.00
SHOREHAM_IC_1 23715	57.92 2.41 -4.23	50.36 2.26 -2.38	42.07 1.79 -0.22	43.82 1.56 0.00	54.48 2.24 0.00	63.38 2.36 0.00	225.91 7.20 2.96	114.12 4.80 -1.13	57.96 3.10 -2.65	27.70 1.38 -3.10	31.66 1.48 -6.15	16.38 1.05 1.46	24.56 1.34 1.68	30.10 1.62 0.23	30.49 1.53 0.98	26.71 1.63 1.05	35.34 1.85 1.36	42.01 1.43 -0.58	47.65 2.98 -2.07	70.35 4.10 -5.23	59.05 3.42 -5.20	56.27 2.93 -4.41	61.37 3.10 -4.32	60.62 2.73 -11.41
SHOREHAM_IC_2 23716	57.92 2.41 -4.23	50.36 2.26 -2.38	42.07 1.79 -0.22	43.82 1.56 0.00	54.48 2.24 0.00	63.38 2.36 0.00	225.91 7.20 2.96	114.12 4.80 -1.13	57.96 3.10 -2.65	27.70 1.38 -3.10	31.66 1.48 -6.15	16.38 1.05 1.46	24.56 1.34 1.68	30.10 1.62 0.23	30.49 1.53 0.98	26.71 1.63 1.05	35.34 1.85 1.36	42.01 1.43 -0.58	47.65 2.98 -2.07	70.35 4.10 -5.23	59.05 3.42 -5.20	56.27 2.93 -4.41	61.37 3.10 -4.32	60.62 2.73 -11.41
SISSONVILLE____ 23735	50.26 -1.02 0.00	44.79 -0.93 0.00	39.28 -0.79 0.00	41.48 -0.78 0.00	51.84 -0.40 0.00	60.64 -0.38 0.00	219.83 -1.84 0.00	107.21 -0.98 0.00	51.80 -0.41 0.00	22.80 -0.42 0.00	23.56 -0.59 -0.12	15.61 -1.21 -0.03	22.57 -2.34 -0.01	25.61 -3.10 0.00	25.64 -4.30 0.00	1.07 -4.29 20.77	-16.50 -5.10 46.25	19.96 -3.60 16.45	41.00 -1.60 0.00	59.13 -1.90 0.00	49.29 -1.14 0.00	48.31 -0.62 0.00	53.43 -0.53 0.00	46.15 -0.34 0.00
SITHE_IND_GS1 24169	50.17 -1.11 0.00	44.73 -0.99 0.00	39.19 -0.88 0.00	41.32 -0.94 0.00	51.03 -1.21 0.00	59.65 -1.37 0.00	217.20 -4.46 0.00	105.89 -2.30 0.00	50.95 -1.27 0.00	22.68 -0.54 0.00	23.75 -0.55 -0.28	16.53 -0.32 -0.06	24.45 -0.47 -0.02	28.13 -0.58 0.00	29.27 -0.67 0.00	25.56 -0.57 0.00	34.08 -0.77 0.00	39.20 -0.81 0.00	41.77 -0.82 0.00	59.76 -1.27 0.00	49.43 -1.00 0.00	47.92 -1.01 0.00	52.80 -1.16 0.00	45.47 -1.02 0.00
SITHE_IND_GS2 24170	50.17 -1.11 0.00	44.73 -0.99 0.00	39.19 -0.88 0.00	41.32 -0.94 0.00	51.03 -1.21 0.00	59.65 -1.37 0.00	217.20 -4.46 0.00	105.89 -2.30 0.00	50.95 -1.27 0.00	22.68 -0.54 0.00	23.75 -0.55 -0.28	16.53 -0.32 -0.06	24.45 -0.47 -0.02	28.13 -0.58 0.00	29.27 -0.67 0.00	25.56 -0.57 0.00	34.08 -0.77 0.00	39.20 -0.81 0.00	41.77 -0.82 0.00	59.76 -1.27 0.00	49.43 -1.00 0.00	47.92 -1.01 0.00	52.80 -1.16 0.00	45.47 -1.02 0.00
SITHE_IND_GS3 24171	50.17 -1.11 0.00	44.73 -0.99 0.00	39.19 -0.88 0.00	41.32 -0.94 0.00	51.03 -1.21 0.00	59.65 -1.37 0.00	217.20 -4.46 0.00	105.89 -2.30 0.00	50.95 -1.27 0.00	22.68 -0.54 0.00	23.75 -0.55 -0.28	16.53 -0.32 -0.06	24.45 -0.47 -0.02	28.13 -0.58 0.00	29.27 -0.67 0.00	25.56 -0.57 0.00	34.08 -0.77 0.00	39.20 -0.81 0.00	41.77 -0.82 0.00	59.76 -1.27 0.00	49.43 -1.00 0.00	47.92 -1.01 0.00	52.80 -1.16 0.00	45.47 -1.02 0.00
SITHE_IND_GS4 24172	50.17 -1.11 0.00	44.73 -0.99 0.00	39.19 -0.88 0.00	41.32 -0.94 0.00	51.03 -1.21 0.00	59.65 -1.37 0.00	217.20 -4.46 0.00	105.89 -2.30 0.00	50.95 -1.27 0.00	22.68 -0.54 0.00	23.75 -0.55 -0.28	16.53 -0.32 -0.06	24.45 -0.47 -0.02	28.13 -0.58 0.00	29.27 -0.67 0.00	25.56 -0.57 0.00	34.08 -0.77 0.00	39.20 -0.81 0.00	41.77 -0.82 0.00	59.76 -1.27 0.00	49.43 -1.00 0.00	47.92 -1.01 0.00	52.80 -1.16 0.00	45.47 -1.02 0.00

SITHE___BATAVIA 24024	51.00 -0.29 0.00	45.43 -0.29 0.00	39.70 -0.37 0.00	41.77 -0.49 0.00	51.65 -0.59 0.00	60.42 -0.60 0.00	223.04 1.37 0.00	107.82 -0.36 0.00	51.05 -1.16 0.00	22.86 -0.36 0.00	24.26 -0.40 -0.63	16.80 -0.13 -0.14	24.81 -0.14 -0.06	28.54 -0.18 0.00	29.64 -0.30 0.00	26.08 -0.05 0.00	34.92 0.07 0.00	39.93 -0.08 0.00	42.43 -0.16 0.00	59.93 -1.09 0.00	49.99 -0.43 0.00	48.61 -0.31 0.00	53.69 -0.26 0.00	46.36 -0.13 0.00
SITHE___INDEPEND 23800	50.17 -1.11 0.00	44.72 -1.00 0.00	39.19 -0.88 0.00	41.32 -0.94 0.00	51.03 -1.21 0.00	59.64 -1.38 0.00	217.20 -4.46 0.00	105.89 -2.29 0.00	50.95 -1.27 0.00	22.68 -0.54 0.00	23.75 -0.55 -0.28	16.53 -0.32 -0.06	24.45 -0.47 -0.02	28.14 -0.58 0.00	29.27 -0.67 0.00	25.56 -0.57 0.00	34.08 -0.78 0.00	39.20 -0.81 0.00	41.77 -0.82 0.00	59.76 -1.27 0.00	49.43 -1.00 0.00	47.92 -1.01 0.00	52.81 -1.15 0.00	45.47 -1.01 0.00
SITHE___MASSENA 23902	51.39 0.11 0.00	45.79 0.07 0.00	40.10 0.04 0.00	42.32 0.06 0.00	52.76 0.52 0.00	61.60 0.59 0.00	223.04 1.38 0.00	108.84 0.65 0.00	52.73 0.51 0.00	23.36 0.14 0.00	24.20 0.08 -0.10	16.05 -0.77 -0.02	23.22 -1.69 -0.01	26.28 -2.44 0.00	26.20 -3.75 0.00	-2.77 -3.84 25.06	-25.38 -4.42 55.80	17.54 -2.62 19.84	42.05 -0.54 0.00	60.32 -0.70 0.00	50.16 -0.27 0.00	49.12 0.19 0.00	54.35 0.40 0.00	46.99 0.50 0.00
SITHE___OGDNSBRG 24021	51.90 0.61 0.00	46.23 0.51 0.00	40.48 0.42 0.00	42.73 0.47 0.00	53.38 1.14 0.00	62.43 1.41 0.00	226.51 4.85 0.00	110.33 2.14 0.00	53.04 0.83 0.00	23.29 0.07 0.00	24.07 -0.07 -0.11	15.91 -0.91 -0.03	23.01 -1.90 -0.01	26.07 -2.64 0.00	26.04 -3.90 0.00	-0.25 -3.94 22.44	-19.63 -4.52 49.96	19.60 -2.64 17.77	42.05 -0.54 0.00	60.82 -0.21 0.00	50.79 0.37 0.00	49.75 0.83 0.00	55.02 1.06 0.00	47.54 1.05 0.00
SITHE___STERLING 23777	52.60 1.32 0.00	46.92 1.20 0.00	41.15 1.09 0.00	43.42 1.17 0.00	53.67 1.43 0.00	62.89 1.87 0.00	229.75 8.08 0.00	111.98 3.79 0.00	53.68 1.46 0.00	23.77 0.55 0.00	24.78 0.48 -0.27	17.20 0.36 -0.06	25.35 0.42 -0.02	29.11 0.39 0.00	30.27 0.33 0.00	25.54 0.34 0.94	33.22 0.45 2.08	40.06 0.79 0.74	43.82 1.23 0.00	63.19 2.16 0.00	52.33 1.90 0.00	50.65 1.72 0.00	55.71 1.76 0.00	47.88 1.39 0.00
SLEIGHT__34_KV_TB1 80719	51.07 -0.21 0.00	45.48 -0.24 0.00	39.78 -0.29 0.00	41.95 -0.31 0.00	51.79 -0.45 0.00	60.62 -0.40 0.00	222.40 0.74 0.00	108.05 -0.13 0.00	51.62 -0.60 0.00	23.04 -0.18 0.00	24.38 -0.17 -0.52	16.90 -0.01 -0.11	24.96 0.01 -0.05	28.71 0.00 0.00	29.85 -0.09 0.00	26.11 -0.02 0.00	34.82 -0.03 0.00	40.01 0.00 0.00	42.61 0.02 0.00	60.64 -0.39 0.00	50.28 -0.14 0.00	48.72 -0.20 0.00	53.63 -0.33 0.00	46.22 -0.27 0.00
SOUTH CAIRO___GT 23612	53.94 2.66 0.00	48.19 2.47 0.00	42.20 2.14 0.00	44.50 2.24 0.00	54.79 2.55 0.00	63.93 2.91 0.00	232.24 10.57 0.00	112.95 4.77 0.00	54.22 2.01 0.00	23.84 0.62 0.00	29.95 0.50 -5.43	18.57 0.58 -1.20	26.19 0.81 -0.47	29.32 0.61 0.00	30.44 0.50 0.00	26.59 0.46 0.00	35.42 0.57 0.00	41.33 1.32 0.00	44.30 1.70 0.00	64.00 2.97 0.00	52.95 2.52 0.00	51.11 2.19 0.00	56.16 2.21 0.00	48.34 1.85 0.00
SOUTH HAMPTN___IC 23720	57.84 2.37 -4.19	50.28 2.23 -2.34	42.05 1.77 -0.21	43.85 1.59 0.00	54.49 2.25 0.00	63.46 2.44 0.00	225.94 7.24 2.97	114.39 5.08 -1.13	57.89 3.05 -2.63	27.62 1.36 -3.04	31.68 1.54 -6.11	16.47 1.18 1.50	24.76 1.58 1.72	30.36 1.89 0.24	30.74 1.81 1.00	26.86 1.81 1.09	35.57 2.10 1.38	42.23 1.68 -0.55	47.89 3.27 -2.03	70.78 4.59 -5.17	59.40 3.88 -5.09	56.63 3.38 -4.33	61.87 3.64 -4.28	61.18 3.31 -11.37
SOUTHDOW_115KV_TB1 355954	53.01 1.73 0.00	47.31 1.59 0.00	41.46 1.39 0.00	43.63 1.37 0.00	53.83 1.59 0.00	62.87 1.86 0.00	232.15 10.49 0.00	112.55 4.37 0.00	53.42 1.21 0.00	24.27 1.04 0.00	26.05 1.21 -0.80	17.98 1.01 -0.18	26.30 1.33 -0.07	30.29 1.58 0.00	31.49 1.55 0.00	27.59 1.45 0.00	36.82 1.97 0.00	42.31 2.30 0.00	44.60 2.01 0.00	62.82 1.79 0.00	52.47 2.04 0.00	51.10 2.17 0.00	56.44 2.49 0.00	48.57 2.08 0.00
SOUTHOLD_69_KV_BK 2 55809	57.43 1.95 -4.19	49.90 1.84 -2.34	41.76 1.49 -0.21	43.52 1.26 0.00	54.08 1.84 0.00	63.03 2.02 0.00	221.86 3.16 2.97	113.75 4.44 -1.13	57.55 2.70 -2.63	27.47 1.21 -3.04	31.64 1.50 -6.12	16.50 1.21 1.50	24.86 1.68 1.72	30.48 2.01 0.24	30.88 1.94 1.00	26.91 1.86 1.09	35.61 2.15 1.38	42.25 1.69 -0.55	47.99 3.37 -2.04	70.90 4.71 -5.17	59.64 4.12 -5.10	56.81 3.56 -4.33	62.11 3.88 -4.28	61.51 3.64 -11.38
SOUTHOLD___IC 23719	57.40 1.92 -4.19	49.90 1.84 -2.34	41.70 1.43 -0.21	43.51 1.25 0.00	54.07 1.83 0.00	63.03 2.01 0.00	222.91 4.21 2.97	113.76 4.44 -1.13	57.52 2.68 -2.63	27.47 1.21 -3.04	31.64 1.50 -6.12	16.50 1.21 1.50	24.86 1.68 1.72	30.48 2.01 0.24	30.88 1.93 1.00	26.91 1.86 1.09	35.63 2.17 1.38	42.24 1.69 -0.55	47.96 3.34 -2.04	70.90 4.71 -5.17	59.64 4.11 -5.10	56.82 3.56 -4.33	62.12 3.89 -4.28	61.53 3.67 -11.38
SOUTH_FORK_WT_PWR 323839	56.58 1.11 -4.19	49.17 1.11 -2.34	41.07 0.79 -0.21	42.84 0.58 0.00	53.26 1.02 0.00	62.09 1.07 0.00	220.18 1.49 2.97	112.12 2.80 -1.13	56.72 1.88 -2.63	27.13 0.87 -3.04	31.43 1.28 -6.12	16.42 1.13 1.50	24.79 1.61 1.72	30.41 1.94 0.24	30.80 1.86 1.00	26.80 1.76 1.09	35.43 1.97 1.38	41.90 1.35 -0.55	47.66 3.04 -2.03	70.46 4.26 -5.17	59.35 3.83 -5.09	56.52 3.27 -4.33	61.87 3.64 -4.28	61.46 3.60 -11.38
SPIERFLS_115KV_TB 1 80737	53.77 2.48 0.00	48.01 2.29 0.00	42.01 1.94 0.00	44.31 2.05 0.00	54.61 2.37 0.00	63.85 2.83 0.00	232.90 11.23 0.00	113.26 5.07 0.00	54.54 2.33 0.00	23.95 0.73 0.00	30.54 0.68 -5.84	18.83 0.74 -1.29	26.48 1.07 -0.51	29.69 0.97 0.00	30.72 0.78 0.00	26.83 0.69 0.00	36.04 1.20 0.00	42.08 2.07 0.00	45.03 2.44 0.00	64.44 3.41 0.00	53.06 2.63 0.00	51.26 2.33 0.00	56.46 2.51 0.00	48.61 2.13 0.00
ST LAWRENCE____ 23600	50.80 -0.49 0.00	45.30 -0.42 0.00	39.67 -0.40 0.00	41.85 -0.41 0.00	52.13 -0.11 0.00	60.87 -0.15 0.00	221.11 -0.55 0.00	107.91 -0.27 0.00	52.16 -0.05 0.00	23.14 -0.08 0.00	23.99 -0.13 -0.09	15.90 -0.91 -0.02	23.02 -1.89 -0.01	26.03 -2.69 0.00	25.92 -4.02 0.00	-4.08 -4.07 26.15	-28.13 -4.71 58.26	16.35 -2.94 20.72	41.70 -0.89 0.00	60.00 -1.03 0.00	49.79 -0.64 0.00	48.57 -0.36 0.00	53.73 -0.23 0.00	46.42 -0.06 0.00
STATE_CA_115KV_115_LB 55624	52.19 0.91 0.00	46.64 0.92 0.00	40.86 0.79 0.00	43.10 0.84 0.00	52.95 0.71 0.00	61.66 0.64 0.00	222.59 0.93 0.00	108.65 0.46 0.00	52.64 0.43 0.00	23.45 0.23 0.00	30.05 0.32 -5.71	18.54 0.49 -1.26	26.10 0.70 -0.50	29.27 0.56 0.00	30.32 0.37 0.00	26.47 0.34 0.00	35.29 0.44 0.00	40.82 0.81 0.00	43.33 0.74 0.00	61.92 0.90 0.00	51.02 0.60 0.00	49.30 0.38 0.00	54.28 0.33 0.00	46.81 0.32 0.00

STATE_ST_34_KV_LOAD 55959	52.03 0.75 0.00	46.39 0.67 0.00	40.52 0.46 0.00	42.88 0.63 0.00	52.71 0.48 0.00	61.83 0.82 0.00	225.88 4.22 0.00	109.97 1.79 0.00	52.63 0.42 0.00	23.40 0.18 0.00	24.78 0.20 -0.56	17.11 0.19 -0.12	25.25 0.30 -0.05	29.04 0.33 0.00	30.19 0.25 0.00	26.36 0.23 0.00	35.14 0.29 0.00	40.54 0.53 0.00	43.37 0.77 0.00	61.89 0.87 0.00	51.39 0.97 0.00	49.82 0.89 0.00	54.61 0.66 0.00	47.14 0.65 0.00
STATION 5_MISC_HYD 23604	50.94 -0.35 0.00	45.37 -0.35 0.00	39.66 -0.41 0.00	41.76 -0.50 0.00	51.57 -0.67 0.00	60.29 -0.72 0.00	221.47 -0.20 0.00	107.42 -0.76 0.00	51.30 -0.92 0.00	22.98 -0.24 0.00	24.37 -0.19 -0.53	16.91 0.00 -0.12	24.99 0.04 -0.05	28.77 0.05 0.00	29.89 -0.05 0.00	26.20 0.07 0.00	34.95 0.10 0.00	39.96 -0.05 0.00	42.38 -0.21 0.00	60.10 -0.92 0.00	49.92 -0.51 0.00	48.43 -0.50 0.00	53.41 -0.55 0.00	46.08 -0.40 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.32 0.04 0.00	45.73 0.02 0.00	40.05 -0.02 0.00	42.19 -0.07 0.00	52.08 -0.16 0.00	60.90 -0.12 0.00	222.89 1.23 0.00	108.39 0.21 0.00	51.80 -0.41 0.00	23.15 -0.07 0.00	24.48 -0.08 -0.54	16.97 0.06 -0.12	25.00 0.05 -0.05	28.76 0.05 0.00	29.87 -0.07 0.00	26.18 0.05 0.00	34.91 0.06 0.00	40.16 0.15 0.00	42.77 0.18 0.00	60.86 -0.17 0.00	50.49 0.07 0.00	48.95 0.02 0.00	53.90 -0.05 0.00	46.48 0.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.70 -0.58 0.00	45.16 -0.56 0.00	39.49 -0.58 0.00	41.58 -0.68 0.00	51.35 -0.89 0.00	60.03 -0.99 0.00	220.36 -1.30 0.00	106.96 -1.23 0.00	51.09 -1.12 0.00	22.89 -0.33 0.00	24.25 -0.31 -0.53	16.83 -0.08 -0.12	24.86 -0.09 -0.05	28.62 -0.10 0.00	29.74 -0.20 0.00	26.05 -0.08 0.00	34.74 -0.10 0.00	39.78 -0.23 0.00	42.21 -0.38 0.00	59.88 -1.15 0.00	49.73 -0.70 0.00	48.23 -0.70 0.00	53.17 -0.78 0.00	45.87 -0.61 0.00
STA_56___34_KV_BUS2 355983	50.70 -0.58 0.00	45.16 -0.56 0.00	39.49 -0.58 0.00	41.58 -0.68 0.00	51.35 -0.89 0.00	60.03 -0.99 0.00	220.36 -1.30 0.00	106.96 -1.23 0.00	51.09 -1.12 0.00	22.89 -0.33 0.00	24.25 -0.31 -0.53	16.83 -0.08 -0.12	24.86 -0.09 -0.05	28.62 -0.10 0.00	29.74 -0.20 0.00	26.05 -0.08 0.00	34.74 -0.10 0.00	39.78 -0.23 0.00	42.21 -0.38 0.00	59.88 -1.15 0.00	49.73 -0.70 0.00	48.23 -0.70 0.00	53.17 -0.78 0.00	45.87 -0.61 0.00
STA_67___115KV_BK2 355882	50.82 -0.47 0.00	45.27 -0.45 0.00	39.57 -0.50 0.00	41.68 -0.58 0.00	51.46 -0.78 0.00	60.15 -0.87 0.00	220.80 -0.86 0.00	107.14 -1.05 0.00	51.16 -1.06 0.00	22.93 -0.29 0.00	24.31 -0.26 -0.53	16.87 -0.04 -0.12	24.92 -0.03 -0.05	28.69 -0.02 0.00	29.82 -0.12 0.00	26.13 0.00 0.00	34.83 -0.02 0.00	39.85 -0.15 0.00	42.26 -0.33 0.00	59.94 -1.09 0.00	49.78 -0.65 0.00	48.29 -0.64 0.00	53.28 -0.67 0.00	45.98 -0.50 0.00
STA_7___115KV_9TRANS 80674	51.18 -0.10 0.00	45.58 -0.14 0.00	39.84 -0.22 0.00	41.94 -0.32 0.00	51.81 -0.43 0.00	60.59 -0.43 0.00	222.69 1.03 0.00	108.02 -0.17 0.00	51.58 -0.64 0.00	23.10 -0.12 0.00	24.49 -0.07 -0.53	17.00 0.09 -0.12	25.12 0.17 -0.05	28.90 0.19 0.00	30.03 0.09 0.00	26.32 0.18 0.00	35.09 0.24 0.00	40.17 0.16 0.00	42.62 0.03 0.00	60.46 -0.57 0.00	50.23 -0.20 0.00	48.72 -0.21 0.00	53.71 -0.24 0.00	46.33 -0.16 0.00
STA_82___115KV_TB1 80780	50.82 -0.47 0.00	45.27 -0.45 0.00	39.57 -0.50 0.00	41.68 -0.58 0.00	51.46 -0.78 0.00	60.15 -0.86 0.00	220.85 -0.81 0.00	107.14 -1.05 0.00	51.15 -1.06 0.00	22.92 -0.30 0.00	24.30 -0.27 -0.54	16.86 -0.05 -0.12	24.91 -0.04 -0.05	28.68 -0.04 0.00	29.81 -0.13 0.00	26.11 -0.02 0.00	34.83 -0.02 0.00	39.85 -0.16 0.00	42.26 -0.33 0.00	59.94 -1.09 0.00	49.79 -0.64 0.00	48.29 -0.64 0.00	53.28 -0.67 0.00	45.98 -0.50 0.00
STEEL___WIND 323596	50.37 -0.92 0.00	44.92 -0.80 0.00	39.29 -0.77 0.00	41.32 -0.94 0.00	50.98 -1.26 0.00	59.52 -1.50 0.00	219.18 -2.49 0.00	105.89 -2.30 0.00	50.51 -1.70 0.00	22.94 -0.28 0.00	24.55 -0.21 -0.74	16.94 -0.01 -0.16	24.98 0.02 -0.06	28.83 0.12 0.00	29.93 -0.01 0.00	26.31 0.18 0.00	35.06 0.21 0.00	40.15 0.14 0.00	42.25 -0.34 0.00	59.34 -1.68 0.00	49.46 -0.96 0.00	48.23 -0.69 0.00	53.38 -0.58 0.00	46.14 -0.34 0.00
STEPHTWN_115KV_BK_2 55603	52.64 1.36 0.00	46.97 1.25 0.00	41.13 1.07 0.00	43.41 1.15 0.00	53.45 1.21 0.00	62.16 1.15 0.00	224.82 3.16 0.00	109.66 1.47 0.00	53.06 0.85 0.00	23.59 0.37 0.00	30.14 0.46 -5.65	18.61 0.57 -1.25	26.21 0.82 -0.49	29.34 0.63 0.00	30.42 0.48 0.00	26.55 0.42 0.00	35.43 0.58 0.00	41.16 1.15 0.00	43.83 1.24 0.00	62.44 1.41 0.00	51.52 1.09 0.00	49.68 0.75 0.00	54.55 0.59 0.00	47.11 0.62 0.00
STEUBEN_REC_LFGE 323667	50.63 -0.65 0.00	45.60 -0.12 0.00	40.18 0.12 0.00	42.29 0.03 0.00	52.32 0.08 0.00	61.25 0.23 0.00	225.83 4.16 0.00	109.48 1.30 0.00	51.84 -0.37 0.00	23.08 -0.14 0.00	24.87 -0.12 -0.97	16.94 -0.06 -0.21	24.99 0.00 -0.08	28.75 0.03 0.00	29.80 -0.14 0.00	26.01 -0.12 0.00	34.54 -0.31 0.00	40.11 0.10 0.00	43.27 0.68 0.00	61.71 0.69 0.00	51.65 1.23 0.00	50.31 1.38 0.00	55.38 1.42 0.00	47.78 1.29 0.00
STILLWATER___SOLAR 323814	53.28 2.00 0.00	47.55 1.83 0.00	41.63 1.56 0.00	43.90 1.64 0.00	54.11 1.87 0.00	63.23 2.21 0.00	229.63 7.97 0.00	111.78 3.59 0.00	53.91 1.70 0.00	23.76 0.54 0.00	30.36 0.52 -5.81	18.69 0.62 -1.28	26.33 0.92 -0.51	29.51 0.79 0.00	30.55 0.61 0.00	26.68 0.55 0.00	35.75 0.91 0.00	41.61 1.60 0.00	44.49 1.90 0.00	63.68 2.66 0.00	52.38 1.95 0.00	50.59 1.67 0.00	55.76 1.81 0.00	48.03 1.54 0.00
STONY___BROOK 24151	58.20 2.58 -4.34	50.63 2.42 -2.50	42.23 1.93 -0.23	44.11 1.85 0.00	54.64 2.40 0.00	63.61 2.59 0.00	226.72 7.99 2.93	114.48 5.16 -1.14	58.04 3.13 -2.71	27.89 1.42 -3.24	31.77 1.51 -6.23	16.60 1.17 1.36	24.84 1.54 1.60	30.25 1.76 0.22	30.67 1.66 0.93	26.80 1.64 0.97	35.54 2.00 1.30	42.66 1.99 -0.66	47.64 2.89 -2.17	70.51 4.11 -5.37	59.26 3.39 -5.44	56.44 2.93 -4.59	61.44 3.07 -4.42	60.66 2.70 -11.47
STURGEON_POOL_HYD 23609	53.13 1.85 0.00	47.29 1.57 0.00	41.44 1.38 0.00	43.75 1.49 0.00	53.90 1.66 0.00	62.97 1.96 0.00	228.73 7.07 0.00	112.30 4.11 0.00	54.33 2.12 0.00	24.17 0.95 0.00	29.85 0.97 -4.85	18.87 1.00 -1.07	26.76 1.44 -0.42	30.21 1.50 0.00	31.30 1.36 0.00	27.32 1.19 0.00	36.42 1.57 0.00	41.99 1.98 0.00	44.74 2.15 0.00	63.91 2.88 0.00	52.59 2.17 0.00	50.77 1.84 0.00	55.79 1.84 0.00	47.90 1.41 0.00
ST_LAW_115_BK7_LBMP 345037	50.78 -0.50 0.00	45.28 -0.44 0.00	39.66 -0.41 0.00	41.83 -0.43 0.00	52.13 -0.11 0.00	60.86 -0.15 0.00	220.96 -0.70 0.00	107.81 -0.37 0.00	52.15 -0.06 0.00	23.13 -0.09 0.00	23.97 -0.15 -0.09	15.88 -0.93 -0.02	22.99 -1.92 -0.01	25.99 -2.72 0.00	25.87 -4.07 0.00	-3.94 -4.12 25.95	-27.72 -4.79 57.78	16.44 -3.02 20.55	41.63 -0.96 0.00	59.91 -1.11 0.00	49.72 -0.71 0.00	48.52 -0.40 0.00	53.70 -0.25 0.00	46.42 -0.06 0.00

ST_LAW_115_BK8_LBMP 345038	50.78 -0.50 0.00	45.28 -0.44 0.00	39.66 -0.41 0.00	41.83 -0.43 0.00	52.13 -0.11 0.00	60.86 -0.15 0.00	220.96 -0.70 0.00	107.81 -0.37 0.00	52.15 -0.06 0.00	23.13 -0.09 0.00	23.97 -0.15 -0.09	15.88 -0.93 -0.02	22.99 -1.92 -0.01	25.99 -2.72 0.00	25.87 -4.07 0.00	-3.94 -4.12 25.95	-27.72 -4.79 57.78	16.44 -3.02 20.55	41.63 -0.96 0.00	59.91 -1.11 0.00	49.72 -0.71 0.00	48.52 -0.40 0.00	53.70 -0.25 0.00	46.42 -0.06 0.00
ST_LAW_230_BK5_LBMP 345035	50.80 -0.49 0.00	45.30 -0.42 0.00	39.67 -0.40 0.00	41.85 -0.41 0.00	52.13 -0.11 0.00	60.87 -0.15 0.00	221.11 -0.55 0.00	107.91 -0.27 0.00	52.16 -0.05 0.00	23.14 -0.08 0.00	23.99 -0.13 -0.09	15.90 -0.91 -0.02	23.02 -1.89 -0.01	26.03 -2.69 0.00	25.92 -4.02 0.00	-4.42 -4.07 26.48	-28.83 -4.71 58.96	16.10 -2.94 20.97	41.70 -0.89 0.00	60.00 -1.03 0.00	49.79 -0.64 0.00	48.57 -0.36 0.00	53.73 -0.23 0.00	46.42 -0.06 0.00
ST_LAW_230_BK6_LBMP 345036	50.80 -0.49 0.00	45.30 -0.42 0.00	39.67 -0.40 0.00	41.85 -0.41 0.00	52.13 -0.11 0.00	60.87 -0.15 0.00	221.11 -0.55 0.00	107.91 -0.27 0.00	52.16 -0.05 0.00	23.14 -0.08 0.00	23.99 -0.13 -0.09	15.90 -0.91 -0.02	23.02 -1.89 -0.01	26.03 -2.69 0.00	25.92 -4.02 0.00	-4.42 -4.07 26.48	-28.83 -4.71 58.96	16.10 -2.94 20.97	41.70 -0.89 0.00	60.00 -1.03 0.00	49.79 -0.64 0.00	48.57 -0.36 0.00	53.73 -0.23 0.00	46.42 -0.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.74 1.46 0.00	46.93 1.21 0.00	41.16 1.09 0.00	43.47 1.21 0.00	53.53 1.29 0.00	62.52 1.51 0.00	226.91 5.25 0.00	111.32 3.13 0.00	53.84 1.62 0.00	23.97 0.75 0.00	29.36 0.79 -4.54	18.70 0.90 -1.00	26.57 1.27 -0.39	30.01 1.29 0.00	31.10 1.16 0.00	27.16 1.03 0.00	36.21 1.36 0.00	41.71 1.70 0.00	44.46 1.87 0.00	63.49 2.46 0.00	52.24 1.81 0.00	50.45 1.52 0.00	55.51 1.55 0.00	47.65 1.16 0.00
SWANROAD_115KV_TB1 355699	48.40 -2.89 0.00	43.18 -2.54 0.00	37.68 -2.38 0.00	39.62 -2.64 0.00	48.91 -3.33 0.00	57.07 -3.95 0.00	210.24 -11.43 0.00	101.42 -6.76 0.00	48.31 -3.90 0.00	21.94 -1.28 0.00	23.45 -1.26 -0.69	16.21 -0.73 -0.15	23.93 -1.03 -0.06	27.61 -1.10 0.00	28.70 -1.24 0.00	25.26 -0.87 0.00	33.60 -1.24 0.00	38.31 -1.70 0.00	40.24 -2.35 0.00	56.40 -4.63 0.00	47.03 -3.40 0.00	45.93 -2.99 0.00	50.99 -2.96 0.00	44.15 -2.33 0.00
SYNERGY___BIOGAS 323694	50.99 -0.29 0.00	45.43 -0.29 0.00	39.70 -0.37 0.00	41.77 -0.49 0.00	51.65 -0.59 0.00	60.41 -0.60 0.00	222.99 1.33 0.00	107.82 -0.37 0.00	51.06 -1.16 0.00	22.86 -0.36 0.00	24.26 -0.39 -0.63	16.80 -0.13 -0.14	24.81 -0.14 -0.06	28.53 -0.19 0.00	29.64 -0.30 0.00	26.06 -0.07 0.00	34.86 0.01 0.00	39.91 -0.10 0.00	42.43 -0.16 0.00	59.92 -1.10 0.00	49.99 -0.43 0.00	48.61 -0.31 0.00	53.71 -0.24 0.00	46.37 -0.12 0.00
SYRACUSE___ENERGY_ST1 323597	51.46 0.18 0.00	45.85 0.13 0.00	40.18 0.11 0.00	42.37 0.11 0.00	52.26 0.02 0.00	61.13 0.11 0.00	222.91 1.25 0.00	108.63 0.44 0.00	52.14 -0.07 0.00	23.21 -0.01 0.00	24.47 0.00 -0.45	16.97 0.08 -0.10	25.05 0.11 -0.04	28.81 0.10 0.00	29.97 0.03 0.00	25.72 0.03 0.45	33.90 0.04 0.99	39.83 0.17 0.35	42.87 0.27 0.00	61.33 0.30 0.00	50.76 0.34 0.00	49.18 0.25 0.00	54.11 0.16 0.00	46.59 0.10 0.00
SYRACUSE___ENERGY_ST2 323598	51.46 0.18 0.00	45.85 0.13 0.00	40.18 0.11 0.00	42.37 0.11 0.00	52.26 0.02 0.00	61.13 0.11 0.00	222.91 1.25 0.00	108.63 0.44 0.00	52.14 -0.07 0.00	23.21 -0.01 0.00	24.47 0.00 -0.45	16.97 0.08 -0.10	25.05 0.11 -0.04	28.81 0.10 0.00	29.97 0.03 0.00	25.72 0.03 0.45	33.90 0.04 0.99	39.83 0.17 0.35	42.87 0.27 0.00	61.33 0.30 0.00	50.76 0.34 0.00	49.18 0.25 0.00	54.11 0.16 0.00	46.59 0.10 0.00
SYRACUSE___POWER 24017	51.47 0.19 0.00	45.85 0.13 0.00	40.19 0.13 0.00	42.37 0.11 0.00	52.30 0.05 0.00	61.16 0.14 0.00	223.10 1.44 0.00	108.75 0.57 0.00	52.20 -0.01 0.00	23.24 0.03 0.00	24.52 0.03 -0.47	17.00 0.10 -0.10	25.10 0.15 -0.04	28.86 0.14 0.00	30.01 0.06 0.00	25.74 0.06 0.46	33.91 0.08 1.02	39.87 0.22 0.36	42.91 0.32 0.00	61.42 0.39 0.00	50.82 0.40 0.00	49.23 0.30 0.00	54.22 0.26 0.00	46.65 0.16 0.00
TALLMAN___138KV_BK151 55660	52.82 1.54 0.00	46.97 1.25 0.00	41.20 1.13 0.00	43.53 1.27 0.00	53.59 1.35 0.00	62.56 1.54 0.00	227.11 5.45 0.00	111.53 3.34 0.00	53.95 1.74 0.00	24.05 0.83 0.00	29.56 0.91 -4.62	18.78 0.97 -1.02	26.66 1.36 -0.40	30.13 1.42 0.00	31.24 1.29 0.00	27.28 1.15 0.00	36.37 1.52 0.00	41.83 1.82 0.00	44.58 1.99 0.00	63.65 2.62 0.00	52.39 1.96 0.00	50.56 1.63 0.00	55.63 1.68 0.00	47.73 1.25 0.00
TEALLAVE_115KV_TB7 355573	51.18 -0.10 0.00	45.61 -0.11 0.00	39.96 -0.10 0.00	42.13 -0.13 0.00	52.02 -0.22 0.00	60.82 -0.20 0.00	221.82 0.16 0.00	108.13 -0.05 0.00	51.94 -0.28 0.00	23.14 -0.08 0.00	24.35 -0.07 -0.39	16.91 0.03 -0.09	24.97 0.04 -0.03	28.74 0.02 0.00	29.89 -0.05 0.00	25.59 -0.03 0.52	33.63 -0.05 1.16	39.64 0.05 0.41	42.68 0.09 0.00	61.06 0.03 0.00	50.51 0.08 0.00	48.93 0.00 0.00	53.89 -0.06 0.00	46.38 -0.11 0.00
TELGRAPH_34_KV_EAST 80808	49.71 -1.57 0.00	44.33 -1.39 0.00	38.71 -1.35 0.00	40.72 -1.54 0.00	50.31 -1.93 0.00	58.75 -2.26 0.00	216.69 -4.97 0.00	104.61 -3.57 0.00	49.74 -2.47 0.00	22.46 -0.76 0.00	23.94 -0.74 -0.65	16.56 -0.38 -0.14	24.45 -0.51 -0.06	28.18 -0.54 0.00	29.28 -0.67 0.00	25.74 -0.39 0.00	34.32 -0.53 0.00	39.21 -0.80 0.00	41.37 -1.22 0.00	58.21 -2.82 0.00	48.56 -1.87 0.00	47.31 -1.62 0.00	52.41 -1.55 0.00	45.32 -1.17 0.00
TEMPLE___115KV_TB 2 55572	51.22 -0.06 0.00	45.63 -0.09 0.00	39.99 -0.07 0.00	42.16 -0.11 0.00	52.04 -0.20 0.00	60.85 -0.17 0.00	221.89 0.22 0.00	108.19 0.00 0.00	51.97 -0.24 0.00	23.15 -0.07 0.00	24.36 -0.06 -0.40	16.93 0.05 -0.09	25.00 0.06 -0.04	28.76 0.05 0.00	29.92 -0.02 0.00	25.62 0.00 0.51	33.69 -0.02 1.14	39.69 0.09 0.40	42.72 0.13 0.00	61.09 0.07 0.00	50.53 0.11 0.00	48.95 0.02 0.00	53.92 -0.03 0.00	46.39 -0.10 0.00
TIANA____69_KV_BK 1 55817	57.99 2.51 -4.19	50.41 2.35 -2.34	42.19 1.91 -0.21	43.95 1.69 0.00	54.59 2.35 0.00	63.58 2.56 0.00	226.40 7.71 2.97	114.54 5.23 -1.13	58.02 3.18 -2.63	27.66 1.41 -3.04	31.68 1.54 -6.12	16.46 1.16 1.50	24.72 1.54 1.72	30.30 1.83 0.24	30.69 1.75 1.00	26.81 1.77 1.09	35.53 2.06 1.38	42.26 1.71 -0.55	47.89 3.26 -2.04	70.74 4.55 -5.17	59.35 3.83 -5.10	56.58 3.33 -4.33	61.77 3.54 -4.28	61.03 3.17 -11.38
TILDEN___115KV_TB1 80814	51.47 0.19 0.00	45.85 0.13 0.00	40.19 0.13 0.00	42.37 0.11 0.00	52.30 0.05 0.00	61.16 0.14 0.00	223.10 1.44 0.00	108.75 0.57 0.00	52.20 -0.01 0.00	23.24 0.03 0.00	24.52 0.03 -0.47	17.00 0.10 -0.10	25.10 0.15 -0.04	28.86 0.14 0.00	30.01 0.06 0.00	25.74 0.06 0.46	33.91 1.02 0.00	39.87 0.22 0.36	42.91 0.32 0.00	61.42 0.39 0.00	50.82 0.40 0.00	49.23 0.30 0.00	54.22 0.26 0.00	46.65 0.16 0.00

TRIGEN___CC 323695	73.73 2.36 -20.09	67.10 2.15 -19.23	43.63 1.77 -1.79	44.07 1.79 -0.01	54.32 2.08 0.00	63.29 2.27 0.00	230.21 7.68 -0.86	115.00 4.79 -2.03	66.47 2.73 -11.53	49.51 1.29 -25.00	43.88 1.40 -18.45	30.57 1.24 -12.54	36.65 1.73 -10.02	31.68 1.89 -1.08	38.06 1.79 -6.33	38.66 1.62 -10.91	43.38 2.05 -6.48	55.57 2.32 -13.24	62.34 2.60 -17.14	92.82 3.63 -28.16	97.85 2.88 -44.54	91.88 2.46 -40.49	84.64 2.57 -28.12	76.32 2.15 -27.69
TRINITY___115KV___4 BK 55933	51.97 0.69 0.00	46.45 0.73 0.00	40.70 0.63 0.00	42.92 0.66 0.00	52.73 0.50 0.00	61.37 0.35 0.00	221.44 -0.22 0.00	108.02 -0.17 0.00	52.38 0.17 0.00	23.35 0.13 0.00	29.90 0.21 -5.66	18.45 0.41 -1.25	25.99 0.60 -0.49	29.15 0.44 0.00	30.19 0.25 0.00	26.35 0.22 0.00	35.11 0.27 0.00	40.63 0.62 0.00	43.10 0.51 0.00	61.59 0.57 0.00	50.75 0.33 0.00	49.03 0.10 0.00	54.02 0.06 0.00	46.59 0.10 0.00
UNION___PROCESSING_DRP 323587	50.83 -0.45 0.00	45.27 -0.45 0.00	39.58 -0.49 0.00	41.68 -0.58 0.00	51.48 -0.76 0.00	60.17 -0.85 0.00	220.92 -0.74 0.00	107.17 -1.01 0.00	51.18 -1.04 0.00	22.93 -0.29 0.00	24.30 -0.26 -0.54	16.86 -0.05 -0.12	24.91 -0.03 -0.05	28.68 -0.04 0.00	29.81 -0.13 0.00	26.12 -0.01 0.00	34.83 -0.02 0.00	39.85 -0.15 0.00	42.27 -0.32 0.00	59.95 -1.08 0.00	49.79 -0.63 0.00	48.31 -0.62 0.00	53.30 -0.66 0.00	45.99 -0.50 0.00
UPPER HUDSON___HYD 24058	53.76 2.48 0.00	48.01 2.29 0.00	42.01 1.94 0.00	44.31 2.05 0.00	54.61 2.37 0.00	63.85 2.83 0.00	232.89 11.23 0.00	113.26 5.07 0.00	54.54 2.33 0.00	23.95 0.73 0.00	30.54 0.68 -5.84	18.83 0.74 -1.29	26.48 1.07 -0.51	29.69 0.97 0.00	30.72 0.78 0.00	26.83 0.69 0.00	36.04 1.20 0.00	42.08 2.07 0.00	45.03 2.44 0.00	64.44 3.41 0.00	53.06 2.63 0.00	51.26 2.33 0.00	56.46 2.51 0.00	48.61 2.13 0.00
UPPER RAQUET___HYD 24056	50.26 -1.02 0.00	44.79 -0.93 0.00	39.28 -0.79 0.00	41.48 -0.78 0.00	51.84 -0.40 0.00	60.64 -0.38 0.00	219.83 -1.83 0.00	107.21 -0.98 0.00	51.80 -0.41 0.00	22.80 -0.42 0.00	23.56 -0.58 -0.12	15.60 -1.22 -0.03	22.57 -2.34 -0.01	25.61 -3.11 0.00	25.64 -4.30 0.00	1.03 -4.33 20.77	-16.56 -5.15 46.25	19.94 -3.63 16.45	41.00 -1.59 0.00	59.12 -1.90 0.00	49.29 -1.13 0.00	48.31 -0.62 0.00	53.43 -0.53 0.00	46.15 -0.34 0.00
VALLEY44_115KV_TB2 355964	52.11 0.83 0.00	46.59 0.87 0.00	40.88 0.82 0.00	42.97 0.71 0.00	52.74 0.50 0.00	61.05 0.03 0.00	224.00 2.34 0.00	108.60 0.42 0.00	51.69 -0.52 0.00	23.59 0.36 0.00	25.46 0.59 -0.85	17.58 0.60 -0.19	25.79 0.82 -0.07	29.73 1.02 0.00	30.87 0.93 0.00	27.03 0.90 0.00	36.01 1.16 0.00	41.61 1.60 0.00	43.65 1.06 0.00	61.53 0.51 0.00	51.20 0.77 0.00	49.85 0.92 0.00	55.29 1.34 0.00	47.73 1.24 0.00
VALLEY___115KV_TB 1-4 80826	50.79 -0.49 0.00	45.39 -0.33 0.00	39.93 -0.13 0.00	42.16 -0.10 0.00	51.92 -0.32 0.00	60.86 -0.15 0.00	221.10 -0.56 0.00	107.66 -0.53 0.00	51.39 -0.83 0.00	22.66 -0.56 0.00	23.35 -0.67 0.00	16.56 -0.23 0.00	24.57 -0.34 0.00	28.07 -0.65 0.00	29.19 -0.75 0.00	25.53 -0.60 0.00	34.03 -0.82 0.00	39.71 -0.30 0.00	42.85 0.25 0.00	61.88 0.85 0.00	51.06 0.63 0.00	49.27 0.34 0.00	54.05 0.10 0.00	46.40 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	54.03 2.74 0.00	48.19 2.47 0.00	42.26 2.20 0.00	44.64 2.38 0.00	55.08 2.84 0.00	64.47 3.45 0.00	233.81 12.15 0.00	114.30 6.12 0.00	54.98 2.77 0.00	24.49 1.27 0.00	27.27 1.34 -1.90	18.35 1.14 -0.42	26.80 1.73 -0.17	30.58 1.86 0.00	31.72 1.78 0.00	27.65 1.52 0.00	36.79 1.95 0.00	42.40 2.39 0.00	45.01 2.42 0.00	64.34 3.31 0.00	53.17 2.74 0.00	51.54 2.61 0.00	56.75 2.79 0.00	48.79 2.30 0.00
VISCHER___FERRY HYD 24020	52.49 1.21 0.00	46.83 1.11 0.00	41.02 0.95 0.00	43.26 1.00 0.00	53.25 1.01 0.00	62.16 1.14 0.00	224.86 3.20 0.00	109.62 1.44 0.00	53.09 0.88 0.00	23.52 0.30 0.00	30.11 0.35 -5.74	18.54 0.48 -1.27	26.12 0.72 -0.50	29.29 0.57 0.00	30.33 0.38 0.00	26.45 0.32 0.00	35.40 0.55 0.00	41.08 1.07 0.00	43.71 1.11 0.00	62.48 1.45 0.00	51.34 0.92 0.00	49.62 0.69 0.00	54.75 0.80 0.00	47.17 0.68 0.00
V_A_10_SYNC_DSASP 323832	50.03 -1.25 0.00	44.59 -1.13 0.00	38.97 -1.09 0.00	41.01 -1.26 0.00	50.58 -1.66 0.00	58.98 -2.04 0.00	216.62 -5.05 0.00	104.83 -3.36 0.00	50.06 -2.15 0.00	22.60 -0.62 0.00	24.06 -0.56 -0.59	16.68 -0.24 -0.13	24.66 -0.29 -0.05	28.45 -0.27 0.00	29.56 -0.38 0.00	25.96 -0.17 0.00	34.55 -0.29 0.00	39.31 -0.70 0.00	41.48 -1.11 0.00	58.49 -2.53 0.00	48.63 -1.80 0.00	47.28 -1.64 0.00	52.30 -1.66 0.00	45.25 -1.23 0.00
V_CMM_10_SYNC_DSASP 323787	50.84 -0.45 0.00	45.42 -0.30 0.00	39.78 -0.28 0.00	41.96 -0.30 0.00	52.30 0.06 0.00	61.05 0.03 0.00	221.26 -0.41 0.00	107.93 -0.26 0.00	52.21 0.00 0.00	23.20 -0.02 0.00	24.06 -0.06 -0.09	15.94 -0.87 -0.02	23.07 -1.84 -0.01	26.08 -2.63 0.00	25.97 -3.97 0.00	-3.85 -4.04 25.95	-27.61 -4.68 57.78	16.57 -2.89 20.55	41.77 -0.82 0.00	60.09 -0.93 0.00	49.80 -0.63 0.00	48.67 -0.25 0.00	53.87 -0.08 0.00	46.57 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	50.97 -0.31 0.00	45.65 -0.07 0.00	40.15 0.08 0.00	42.50 0.24 0.00	53.25 1.01 0.00	62.34 1.32 0.00	227.79 6.12 0.00	111.23 3.04 0.00	53.64 1.43 0.00	23.73 0.51 0.00	24.44 0.32 -0.09	16.27 -0.54 -0.02	23.56 -1.35 -0.01	26.58 -2.14 0.00	26.01 -3.93 0.00	-3.61 -3.93 25.81	-26.51 -3.88 57.47	17.24 -2.33 20.44	42.36 -0.24 0.00	61.16 0.14 0.00	51.32 0.89 0.00	50.15 1.23 0.00	55.37 1.41 0.00	47.67 1.19 0.00
V_D_10_SYNC_DSASP 323841	51.39 0.11 0.00	45.79 0.07 0.00	40.10 0.04 0.00	42.32 0.05 0.00	52.75 0.51 0.00	61.60 0.59 0.00	223.07 1.41 0.00	108.85 0.66 0.00	52.73 0.51 0.00	23.36 0.14 0.00	24.21 0.08 -0.10	16.05 -0.76 -0.02	23.23 -1.69 -0.01	26.28 -2.44 0.00	26.20 -3.74 0.00	-2.84 -3.84 25.13	-25.51 -4.42 55.94	17.50 -2.61 19.89	42.05 -0.54 0.00	60.34 -0.69 0.00	50.17 -0.26 0.00	49.12 0.19 0.00	54.34 0.39 0.00	46.98 0.49 0.00
V_E_10_SYNC_DSASP 323830	53.31 2.03 0.00	47.96 2.24 0.00	42.31 2.25 0.00	44.80 2.54 0.00	55.54 3.30 0.00	65.88 4.86 0.00	243.53 21.86 0.00	119.17 10.98 0.00	57.36 5.15 0.00	25.06 1.84 0.00	26.94 1.55 -1.36	18.38 1.29 -0.30	26.69 1.67 -0.12	30.68 1.97 0.00	31.64 1.70 0.00	27.48 1.35 0.00	36.57 1.72 0.00	42.78 2.77 0.00	46.39 3.80 0.00	67.35 6.32 0.00	55.93 5.50 0.00	53.95 5.02 0.00	59.28 5.33 0.00	50.82 4.33 0.00
V_F_30_NSYNC___DSASP 323816	53.36 2.08 0.00	47.61 1.89 0.00	41.69 1.63 0.00	43.97 1.71 0.00	54.21 1.97 0.00	63.35 2.34 0.00	230.19 8.53 0.00	112.03 3.85 0.00	54.01 1.80 0.00	23.82 0.60 0.00	30.46 0.61 -5.82	18.75 0.67 -1.29	26.40 0.99 -0.51	29.59 0.87 0.00	30.65 0.71 0.00	26.76 0.63 0.00	35.86 1.01 0.00	41.72 1.71 0.00	44.58 2.00 0.00	63.82 2.79 0.00	52.48 2.06 0.00	50.70 1.77 0.00	55.87 1.91 0.00	48.11 1.63 0.00

V_F_30_SYNC_DSASP 323786	52.19 0.91 0.00	46.64 0.92 0.00	40.86 0.79 0.00	43.10 0.83 0.00	52.94 0.70 0.00	61.66 0.64 0.00	222.59 0.93 0.00	108.63 0.45 0.00	52.64 0.43 0.00	23.45 0.23 0.00	30.04 0.31 -5.70	18.54 0.49 -1.26	26.10 0.70 -0.50	29.27 0.55 0.00	30.31 0.37 0.00	26.47 0.33 0.00	35.28 0.44 0.00	40.81 0.81 0.00	43.33 0.74 0.00	61.92 0.89 0.00	51.02 0.60 0.00	49.30 0.37 0.00	54.27 0.32 0.00	46.81 0.32 0.00
V_XM_10_SYNC_DSASP 323789	50.97 -0.31 0.00	45.65 -0.07 0.00	40.15 0.08 0.00	42.50 0.24 0.00	53.25 1.01 0.00	62.34 1.32 0.00	227.79 6.12 0.00	111.23 3.04 0.00	53.64 1.43 0.00	23.73 0.51 0.00	24.44 0.32 -0.09	16.27 -0.54 -0.02	23.56 -1.35 -0.01	26.58 -2.14 0.00	26.01 -3.93 0.00	-3.61 -3.93 25.81	-26.51 -3.88 57.47	17.24 -2.33 20.44	42.36 -0.24 0.00	61.16 0.14 0.00	51.32 0.89 0.00	50.15 1.23 0.00	55.37 1.41 0.00	47.67 1.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.02 1.74 0.00	47.15 1.44 0.00	41.35 1.28 0.00	43.69 1.42 0.00	53.77 1.53 0.00	62.78 1.76 0.00	228.03 6.37 0.00	111.99 3.81 0.00	54.17 1.96 0.00	24.14 0.92 0.00	29.68 1.00 -4.64	18.85 1.04 -1.03	26.76 1.45 -0.40	30.24 1.53 0.00	31.34 1.40 0.00	27.37 1.24 0.00	36.50 1.66 0.00	42.00 1.99 0.00	44.76 2.17 0.00	63.92 2.89 0.00	52.61 2.18 0.00	50.77 1.84 0.00	55.83 1.88 0.00	47.91 1.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.60 2.32 0.00	47.64 1.92 0.00	41.70 1.64 0.00	44.07 1.81 0.00	54.27 2.02 0.00	63.46 2.44 0.00	230.70 9.04 0.00	113.51 5.32 0.00	55.09 2.88 0.00	24.57 1.35 0.00	30.26 1.46 -4.77	19.15 1.30 -1.06	27.13 1.81 -0.42	30.66 1.94 0.00	31.76 1.82 0.00	27.72 1.59 0.00	36.93 2.09 0.00	42.55 2.54 0.00	45.48 2.89 0.00	64.85 3.82 0.00	53.41 2.98 0.00	51.35 2.43 0.00	56.37 2.42 0.00	48.40 1.91 0.00
W50THST__13_KV_LOAD 356117	53.84 2.55 0.00	47.85 2.13 0.00	41.88 1.81 0.00	44.25 1.99 0.00	54.48 2.24 0.00	63.73 2.71 0.00	231.80 10.14 0.00	114.16 5.97 0.00	55.45 3.24 0.00	24.73 1.52 0.00	30.43 1.63 -4.77	19.28 1.43 -1.06	27.33 2.01 -0.42	30.87 2.16 0.00	31.99 2.05 0.00	27.93 1.80 0.00	37.21 2.36 0.00	42.85 2.85 0.00	45.78 3.19 0.00	65.25 4.23 0.00	53.74 3.31 0.00	51.64 2.71 0.00	56.63 2.68 0.00	48.59 2.11 0.00
WADING RIVER_IC_1 23522	57.81 2.35 -4.18	50.26 2.22 -2.32	42.02 1.75 -0.21	43.77 1.51 0.00	54.43 2.19 0.00	63.32 2.30 0.00	225.58 6.89 2.97	114.01 4.70 -1.13	57.90 3.06 -2.62	27.61 1.37 -3.02	31.62 1.48 -6.10	16.32 1.04 1.51	24.49 1.32 1.73	30.09 1.62 0.24	30.45 1.52 1.01	26.67 1.64 1.10	35.31 1.85 1.39	41.94 1.40 -0.54	47.59 2.98 -2.02	70.22 4.05 -5.15	58.86 3.38 -5.06	56.13 2.90 -4.30	61.26 3.05 -4.26	60.54 2.69 -11.36
WADING RIVER_IC_2 23547	57.81 2.35 -4.18	50.26 2.22 -2.32	42.02 1.75 -0.21	43.77 1.51 0.00	54.43 2.19 0.00	63.32 2.30 0.00	225.58 6.89 2.97	114.01 4.70 -1.13	57.90 3.06 -2.62	27.61 1.37 -3.02	31.62 1.48 -6.10	16.32 1.04 1.51	24.49 1.32 1.73	30.09 1.62 0.24	30.45 1.52 1.01	26.67 1.64 1.10	35.31 1.85 1.39	41.94 1.40 -0.54	47.59 2.98 -2.02	70.22 4.05 -5.15	58.86 3.38 -5.06	56.13 2.90 -4.30	61.26 3.05 -4.26	60.54 2.69 -11.36
WADING RIVER_IC_3 23601	57.81 2.35 -4.18	50.26 2.22 -2.32	42.02 1.75 -0.21	43.77 1.51 0.00	54.43 2.19 0.00	63.32 2.30 0.00	225.58 6.89 2.97	114.01 4.70 -1.13	57.90 3.06 -2.62	27.61 1.37 -3.02	31.62 1.48 -6.10	16.32 1.04 1.51	24.49 1.32 1.73	30.09 1.62 0.24	30.45 1.52 1.01	26.67 1.64 1.10	35.31 1.85 1.39	41.94 1.40 -0.54	47.59 2.98 -2.02	70.22 4.05 -5.15	58.86 3.38 -5.06	56.13 2.90 -4.30	61.26 3.05 -4.26	60.54 2.69 -11.36
WALDENNY_12_KV_BK2 80841	50.33 -0.95 0.00	44.88 -0.84 0.00	39.24 -0.83 0.00	41.26 -1.00 0.00	50.94 -1.30 0.00	59.46 -1.56 0.00	219.03 -2.64 0.00	105.81 -2.37 0.00	50.48 -1.73 0.00	22.93 -0.29 0.00	24.53 -0.23 -0.73	16.94 -0.01 -0.16	24.97 0.00 -0.06	28.82 0.11 0.00	29.93 -0.01 0.00	26.29 0.16 0.00	35.00 0.15 0.00	40.10 0.09 0.00	42.20 -0.39 0.00	59.23 -1.80 0.00	49.40 -1.02 0.00	48.17 -0.76 0.00	53.33 -0.62 0.00	46.10 -0.38 0.00
WALDEN__HYDRO 24148	53.09 1.81 0.00	47.24 1.53 0.00	41.42 1.35 0.00	43.73 1.47 0.00	53.86 1.62 0.00	62.92 1.90 0.00	228.60 6.93 0.00	112.12 3.93 0.00	54.19 1.98 0.00	24.10 0.88 0.00	29.58 0.91 -4.65	18.79 0.97 -1.03	26.68 1.37 -0.40	30.13 1.41 0.00	31.22 1.28 0.00	27.26 1.13 0.00	36.35 1.50 0.00	41.92 1.91 0.00	44.72 2.13 0.00	63.92 2.89 0.00	52.61 2.18 0.00	50.78 1.85 0.00	55.84 1.89 0.00	47.92 1.44 0.00
WARRENSBURG____ 23737	53.77 2.48 0.00	48.01 2.29 0.00	42.01 1.94 0.00	44.31 2.05 0.00	54.61 2.37 0.00	63.85 2.83 0.00	232.90 11.23 0.00	113.26 5.07 0.00	54.54 2.33 0.00	23.95 0.73 0.00	30.54 0.68 -5.84	18.83 0.74 -1.29	26.48 1.07 -0.51	29.69 0.97 0.00	30.72 0.78 0.00	26.83 0.69 0.00	36.04 1.20 0.00	42.08 2.07 0.00	45.03 2.44 0.00	64.44 3.41 0.00	53.06 2.63 0.00	51.26 2.33 0.00	56.46 2.51 0.00	48.61 2.13 0.00
WATERSIDE____6 8 9 23538	52.26 2.38 1.40	45.35 1.99 2.36	38.20 1.70 3.56	41.08 1.86 3.04	53.03 2.12 1.34	63.17 2.51 0.36	230.86 9.20 0.00	112.36 5.58 1.40	110.38 3.01 -55.16	109.37 1.41 -84.74	107.54 1.52 -81.99	107.52 1.36 -89.37	107.64 1.89 -80.85	102.02 2.04 -71.26	81.88 1.91 -50.02	83.52 1.67 -55.71	71.79 2.18 -34.76	57.61 2.62 -14.97	48.41 2.93 -2.89	64.93 3.91 0.00	53.48 3.05 0.00	43.99 2.54 7.47	53.43 2.66 3.19	47.64 2.12 0.96
WATKINRD_115KV_LN8_ILLION 55919	50.73 -0.55 0.00	45.37 -0.35 0.00	39.95 -0.11 0.00	42.21 -0.05 0.00	51.91 -0.33 0.00	60.92 -0.10 0.00	221.28 -0.38 0.00	107.56 -0.62 0.00	51.07 -1.15 0.00	22.45 -0.77 0.00	23.10 -0.93 0.00	16.48 -0.31 0.00	24.45 -0.45 0.00	27.85 -0.86 0.00	28.98 -0.96 0.00	25.38 -0.75 0.00	33.80 -1.04 0.00	39.65 -0.36 0.00	42.97 0.38 0.00	62.23 1.21 0.00	51.33 0.90 0.00	49.44 0.51 0.00	54.14 0.18 0.00	46.39 -0.09 0.00
WATSON__69_KV_BK 1 55734	59.67 3.08 -5.31	52.18 2.87 -3.59	42.78 2.38 -0.33	44.58 2.32 0.00	55.13 2.89 0.00	64.12 3.10 0.00	228.58 9.67 2.75	115.23 5.86 -1.18	58.98 3.56 -3.21	29.52 1.64 -4.67	32.76 1.70 -7.04	17.73 1.32 0.38	25.87 1.75 0.79	30.55 1.97 0.13	31.40 1.88 0.43	27.84 1.86 0.15	36.42 2.33 0.76	43.94 2.50 -1.43	49.02 3.35 -3.08	72.55 4.79 -6.73	62.20 3.96 -7.81	58.83 3.45 -6.45	63.09 3.64 -5.50	61.81 3.15 -12.18
WDELAWARE__HYD 323627	53.92 2.64 0.00	48.26 2.54 0.00	42.34 2.28 0.00	44.71 2.45 0.00	55.14 2.91 0.00	64.50 3.48 0.00	234.58 12.91 0.00	114.91 6.72 0.00	55.44 3.23 0.00	24.58 1.36 0.00	29.87 1.36 -4.48	19.07 1.29 -0.99	27.12 1.83 -0.39	30.64 1.92 0.00	31.70 1.76 0.00	27.69 1.56 0.00	36.99 2.14 0.00	42.77 2.76 0.00	45.74 3.16 0.00	65.41 4.39 0.00	53.83 3.40 0.00	51.96 3.03 0.00	57.12 3.17 0.00	49.02 2.54 0.00

WEST BABYLON___IC 23714	61.99 3.01 -7.70	54.80 2.81 -6.27	42.98 2.33 -0.58	44.55 2.29 0.00	55.01 2.77 0.00	64.03 3.01 0.00	229.06 9.71 2.31	115.32 5.85 -1.29	60.07 3.45 -4.40	32.96 1.58 -8.16	34.69 1.65 -9.01	20.11 1.32 -2.00	27.89 1.78 -1.21	30.78 1.98 -0.09	32.65 1.90 -0.81	29.80 1.82 -1.85	37.74 2.31 -0.58	45.90 2.56 -3.33	51.08 3.19 -5.30	75.69 4.60 -10.07	67.83 3.77 -13.63	63.25 3.26 -11.06	65.53 3.40 -8.18	63.25 2.92 -13.85
WEST CANADA___HYD 24049	51.35 0.06 0.00	45.80 0.09 0.00	40.15 0.08 0.00	42.35 0.09 0.00	52.28 0.05 0.00	61.09 0.07 0.00	221.89 0.22 0.00	108.30 0.11 0.00	52.25 0.03 0.00	23.22 0.00 0.00	24.02 -0.01 0.00	16.82 0.03 0.00	24.92 0.02 0.00	28.67 -0.05 0.00	29.80 -0.14 0.00	26.00 -0.13 0.00	34.68 -0.16 0.00	40.03 0.03 0.00	42.77 0.17 0.00	61.30 0.27 0.00	50.60 0.17 0.00	49.02 0.09 0.00	54.01 0.06 0.00	46.52 0.03 0.00
WESTERN_NY_WIND 24143	50.89 -0.39 0.00	45.36 -0.36 0.00	39.62 -0.45 0.00	41.69 -0.57 0.00	51.55 -0.68 0.00	60.30 -0.72 0.00	222.55 0.88 0.00	107.60 -0.59 0.00	50.96 -1.25 0.00	22.83 -0.39 0.00	24.24 -0.42 -0.64	16.78 -0.16 -0.14	24.77 -0.18 -0.06	28.49 -0.22 0.00	29.59 -0.35 0.00	26.03 -0.10 0.00	34.82 -0.03 0.00	39.85 -0.16 0.00	42.35 -0.24 0.00	59.79 -1.23 0.00	49.89 -0.54 0.00	48.52 -0.41 0.00	53.63 -0.33 0.00	46.30 -0.18 0.00
WESTOVER___LESR 323668	51.88 0.60 0.00	46.27 0.55 0.00	40.65 0.58 0.00	42.80 0.54 0.00	52.75 0.51 0.00	61.57 0.56 0.00	224.41 2.74 0.00	109.50 1.31 0.00	52.42 0.21 0.00	23.51 0.29 0.00	25.78 0.35 -1.41	17.53 0.42 -0.31	25.62 0.60 -0.12	29.40 0.68 0.00	30.50 0.56 0.00	26.63 0.50 0.00	35.46 0.61 0.00	40.82 0.81 0.00	43.37 0.77 0.00	61.91 0.89 0.00	51.28 0.86 0.00	49.74 0.82 0.00	54.80 0.84 0.00	47.16 0.67 0.00
WETHRSFD_WT_PWR 323626	49.39 -1.90 0.00	44.20 -1.52 0.00	38.87 -1.19 0.00	40.93 -1.34 0.00	50.62 -1.62 0.00	59.11 -1.91 0.00	217.35 -4.32 0.00	104.98 -3.20 0.00	49.69 -2.53 0.00	22.27 -0.95 0.00	23.95 -0.94 -0.86	16.42 -0.56 -0.19	24.26 -0.71 -0.07	27.89 -0.82 0.00	28.97 -0.97 0.00	25.39 -0.74 0.00	33.69 -1.16 0.00	38.97 -1.03 0.00	41.66 -0.93 0.00	59.12 -1.91 0.00	49.32 -1.11 0.00	48.07 -0.86 0.00	53.12 -0.84 0.00	45.92 -0.57 0.00
WHAVSTOR_138KV_BK127 55557	52.79 1.51 0.00	46.97 1.25 0.00	41.19 1.12 0.00	43.52 1.26 0.00	53.56 1.32 0.00	62.52 1.50 0.00	226.93 5.27 0.00	111.44 3.25 0.00	53.93 1.72 0.00	24.04 0.82 0.00	29.57 0.89 -4.65	18.78 0.96 -1.03	26.65 1.35 -0.40	30.11 1.40 0.00	31.21 1.27 0.00	27.26 1.13 0.00	36.32 1.47 0.00	41.78 1.77 0.00	44.54 1.95 0.00	63.59 2.56 0.00	52.34 1.92 0.00	50.50 1.57 0.00	55.55 1.60 0.00	47.69 1.20 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.79 1.51 0.00	46.97 1.25 0.00	41.19 1.12 0.00	43.52 1.26 0.00	53.56 1.32 0.00	62.52 1.50 0.00	226.93 5.27 0.00	111.44 3.25 0.00	53.93 1.72 0.00	24.04 0.82 0.00	29.57 0.89 -4.65	18.78 0.96 -1.03	26.65 1.35 -0.40	30.11 1.40 0.00	31.21 1.27 0.00	27.26 1.13 0.00	36.32 1.47 0.00	41.78 1.77 0.00	44.54 1.95 0.00	63.59 2.56 0.00	52.34 1.92 0.00	50.50 1.57 0.00	55.55 1.60 0.00	47.69 1.20 0.00
WHITEHAL_115KV_TB1 80871	54.59 3.30 0.00	48.96 3.25 0.00	42.78 2.72 0.00	45.09 2.84 0.00	55.38 3.14 0.00	64.56 3.54 0.00	237.24 15.57 0.00	114.58 6.39 0.00	55.26 3.05 0.00	24.12 0.90 0.00	30.55 0.69 -5.83	18.95 0.87 -1.29	26.50 1.09 -0.51	29.80 1.09 0.00	30.81 0.87 0.00	26.87 0.74 0.00	36.37 1.52 0.00	43.18 3.17 0.00	45.94 3.35 0.00	65.35 4.33 0.00	53.81 3.38 0.00	51.98 3.05 0.00	57.37 3.42 0.00	49.67 3.18 0.00
WHITEPLN_13_KV_LOAD 356215	53.95 2.67 0.00	47.97 2.25 0.00	42.00 1.93 0.00	44.37 2.10 0.00	54.65 2.42 0.00	63.90 2.88 0.00	232.41 10.75 0.00	114.21 6.02 0.00	55.28 3.07 0.00	24.63 1.41 0.00	30.28 1.48 -4.77	19.20 1.35 -1.05	27.21 1.89 -0.42	30.75 2.03 0.00	31.84 1.90 0.00	27.82 1.68 0.00	37.09 2.24 0.00	42.75 2.74 0.00	45.66 3.06 0.00	65.17 4.15 0.00	53.65 3.22 0.00	51.69 2.76 0.00	56.77 2.82 0.00	48.71 2.22 0.00
WM_FLOYD_69_KV_BK2 356380	58.13 2.60 -4.25	50.52 2.41 -2.40	42.24 1.96 -0.22	44.03 1.78 0.00	54.62 2.38 0.00	63.56 2.54 0.00	226.65 7.94 2.95	114.42 5.10 -1.13	58.02 3.14 -2.66	27.73 1.39 -3.12	31.67 1.48 -6.16	16.46 1.11 1.44	24.66 1.43 1.67	30.16 1.68 0.23	30.57 1.60 0.97	26.73 1.63 1.04	35.44 1.94 1.35	42.33 1.74 -0.59	47.71 3.03 -2.09	70.52 4.24 -5.25	59.19 3.53 -5.23	56.40 3.04 -4.44	61.49 3.20 -4.34	60.72 2.82 -11.42
WOODARD___115KV_TB2 355635	51.08 -0.21 0.00	45.51 -0.21 0.00	39.88 -0.18 0.00	42.05 -0.21 0.00	51.92 -0.32 0.00	60.70 -0.32 0.00	221.27 -0.39 0.00	107.88 -0.31 0.00	51.83 -0.39 0.00	23.08 -0.14 0.00	24.29 -0.13 -0.40	16.87 -0.02 -0.09	24.91 -0.02 -0.04	28.65 -0.06 0.00	29.80 -0.14 0.00	25.52 -0.11 0.51	33.56 -0.15 1.13	39.54 -0.07 0.40	42.57 -0.02 0.00	60.92 0.00 0.00	50.39 -0.11 0.00	48.82 -0.11 0.00	53.77 -0.19 0.00	46.27 -0.21 0.00
YORK___WARBASSE 23770	60.92 2.74 -6.90	59.58 2.29 -11.57	59.52 1.96 -17.49	59.33 2.15 -14.92	61.28 2.47 -6.57	65.70 2.92 -1.77	232.33 10.66 0.00	121.89 6.27 -7.44	110.54 3.16 -55.16	109.41 1.46 -84.74	107.58 1.57 -81.99	107.55 1.39 -89.37	107.71 1.96 -80.85	102.09 2.11 -71.26	81.91 1.95 -50.02	83.55 1.70 -55.71	71.87 2.26 -34.76	57.73 2.75 -14.97	72.63 3.03 -27.01	75.37 4.07 -10.27	75.59 3.23 -21.93	90.43 2.75 -38.75	74.90 2.99 -17.95	58.99 2.43 -10.07