

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/07/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	41.12	43.78	44.59	52.76	46.11	41.92	51.01	51.23	66.64	63.52	51.47	58.81	54.15	52.52	49.47	53.95	53.24	58.80	59.86	69.38	70.12	51.32	44.08	43.48
24138	1.26	1.12	1.02	1.25	1.03	1.02	1.52	2.17	2.98	3.53	3.17	3.59	3.33	3.49	3.35	3.56	3.39	3.82	3.73	4.29	4.08	2.63	2.25	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	41.09	43.76	44.59	52.74	46.11	41.92	51.05	51.28	66.69	63.55	51.51	58.83	54.20	52.52	49.46	53.93	53.22	58.80	59.86	69.41	70.16	51.40	44.14	43.51
24260	1.24	1.09	1.02	1.24	1.02	1.02	1.56	2.23	3.03	3.56	3.20	3.61	3.38	3.49	3.34	3.54	3.37	3.81	3.73	4.32	4.13	2.71	2.31	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	41.09	43.76	44.59	52.74	46.11	41.92	51.05	51.28	66.69	63.55	51.51	58.83	54.20	52.52	49.46	53.93	53.22	58.80	59.86	69.41	70.16	51.40	44.14	43.51
24261	1.24	1.09	1.02	1.24	1.02	1.02	1.56	2.23	3.03	3.56	3.20	3.61	3.38	3.49	3.34	3.54	3.37	3.81	3.73	4.32	4.13	2.71	2.31	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	41.25	44.11	45.01	53.18	46.62	42.47	51.34	51.00	66.10	62.35	50.27	57.48	53.14	51.30	48.48	53.10	52.64	58.35	59.46	68.80	69.62	51.18	43.80	43.48
24011	1.39	1.45	1.44	1.67	1.54	1.57	1.84	1.94	2.45	2.36	1.96	2.26	2.32	2.27	2.35	2.70	2.79	3.36	3.34	3.71	3.59	2.49	1.97	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.55	44.44	45.34	53.54	46.97	42.82	51.71	51.34	66.44	62.66	50.47	57.75	53.49	51.70	48.89	53.57	53.12	58.92	60.01	69.36	70.18	51.54	44.09	43.84
23798	1.69	1.78	1.78	2.03	1.88	1.92	2.22	2.28	2.78	2.67	2.16	2.54	2.67	2.66	2.77	3.18	3.26	3.93	3.89	4.27	4.15	2.85	2.26	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	41.25	44.11	45.01	53.18	46.62	42.47	51.34	51.00	66.10	62.35	50.27	57.48	53.14	51.30	48.48	53.10	52.64	58.35	59.46	68.80	69.62	51.18	43.80	43.48
24028	1.39	1.45	1.44	1.67	1.54	1.57	1.84	1.94	2.45	2.36	1.96	2.26	2.32	2.27	2.35	2.70	2.79	3.36	3.34	3.71	3.59	2.49	1.97	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	40.23	43.04	43.88	51.86	45.40	41.34	49.66	49.20	64.19	60.88	49.18	56.10	51.64	49.94	47.16	51.64	51.25	56.64	57.58	66.59	67.40	49.91	42.80	42.50
23527	0.37	0.38	0.31	0.36	0.31	0.44	0.16	0.14	0.53	0.89	0.87	0.89	0.82	0.91	1.03	1.25	1.40	1.65	1.46	1.50	1.37	1.22	0.97	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	39.17	41.89	42.72	50.51	44.24	40.27	48.65	48.42	62.97	59.61	48.18	55.04	50.67	49.00	46.18	50.49	50.00	55.28	56.31	65.12	65.92	48.69	41.76	41.34
24190	-0.69	-0.77	-0.85	-1.00	-0.85	-0.63	-0.85	-0.64	-0.68	-0.38	-0.13	-0.17	-0.15	-0.04	0.05	0.10	0.15	0.30	0.19	0.03	-0.12	0.00	-0.07	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	40.58	43.72	44.65	52.77	46.20	41.84	50.52	49.64	64.29	60.29	48.20	55.15	50.82	48.98	45.99	50.23	49.68	54.71	55.83	64.87	66.02	48.74	41.99	41.84
355683	0.72	1.06	1.08	1.26	1.11	0.94	1.02	0.58	0.63	0.30	-0.11	-0.06	0.00	-0.06	-0.13	-0.16	-0.17	-0.28	-0.30	-0.22	-0.02	0.05	0.16	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	40.05	42.84	43.74	51.69	45.27	41.17	49.80	49.53	64.33	60.76	49.00	56.04	51.52	49.80	46.92	51.33	50.88	56.27	57.31	66.40	67.23	49.61	42.55	42.15
323833	0.19	0.17	0.17	0.18	0.19	0.27	0.31	0.47	0.67	0.77	0.69	0.82	0.70	0.77	0.80	0.94	1.03	1.28	1.19	1.31	1.20	0.92	0.72	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	40.05	42.84	43.72	51.69	45.27	41.17	49.78	49.50	64.32	60.75	48.99	56.03	51.52	49.80	46.92	51.31	50.88	56.25	57.31	66.39	67.20	49.59	42.55	42.14
323834	0.19	0.17	0.15	0.18	0.18	0.27	0.28	0.44	0.66	0.76	0.68	0.81	0.70	0.76	0.80	0.92	1.03	1.26	1.18	1.30	1.16	0.90	0.72	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	39.17	41.89	42.72	50.51	44.24	40.27	48.65	48.42	62.97	59.61	48.18	55.04	50.67	49.00	46.18	50.49	50.00	55.28	56.31	65.12	65.92	48.69	41.76	41.34
23571	-0.69	-0.77	-0.85	-1.00	-0.85	-0.63	-0.85	-0.64	-0.68	-0.38	-0.13	-0.17	-0.15	-0.04	0.05	0.10	0.15	0.30	0.19	0.03	-0.12	0.00	-0.07	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	39.17 -0.69 0.00	41.89 -0.77 0.00	42.72 -0.85 0.00	50.51 -1.00 0.00	44.24 -0.85 0.00	40.27 -0.63 0.00	48.65 -0.85 0.00	48.42 -0.64 0.00	62.97 -0.68 0.00	59.61 -0.38 0.00	48.18 -0.13 0.00	55.04 -0.17 0.00	50.67 -0.15 0.00	49.00 -0.04 0.00	46.18 0.05 0.00	50.49 0.10 0.00	50.00 0.15 0.00	55.28 0.30 0.00	56.31 0.19 0.00	65.12 0.03 0.00	65.92 -0.12 0.00	48.69 0.00 0.00	41.76 -0.07 0.00	41.34 -0.15 0.00
ALBANY___3 23573	39.17 -0.69 0.00	41.89 -0.77 0.00	42.72 -0.85 0.00	50.51 -1.00 0.00	44.24 -0.85 0.00	40.27 -0.63 0.00	48.65 -0.85 0.00	48.42 -0.64 0.00	62.97 -0.68 0.00	59.61 -0.38 0.00	48.18 -0.13 0.00	55.04 -0.17 0.00	50.67 -0.15 0.00	49.00 -0.04 0.00	46.18 0.05 0.00	50.49 0.10 0.00	50.00 0.15 0.00	55.28 0.30 0.00	56.31 0.19 0.00	65.12 0.03 0.00	65.92 -0.12 0.00	48.69 0.00 0.00	41.76 -0.07 0.00	41.34 -0.15 0.00
ALBANY___4 23574	39.17 -0.69 0.00	41.89 -0.77 0.00	42.72 -0.85 0.00	50.51 -1.00 0.00	44.24 -0.85 0.00	40.27 -0.63 0.00	48.65 -0.85 0.00	48.42 -0.64 0.00	62.97 -0.68 0.00	59.61 -0.38 0.00	48.18 -0.13 0.00	55.04 -0.17 0.00	50.67 -0.15 0.00	49.00 -0.04 0.00	46.18 0.05 0.00	50.49 0.10 0.00	50.00 0.15 0.00	55.28 0.30 0.00	56.31 0.19 0.00	65.12 0.03 0.00	65.92 -0.12 0.00	48.69 0.00 0.00	41.76 -0.07 0.00	41.34 -0.15 0.00
ALBANY___LFGE 323615	39.57 -0.29 0.00	42.32 -0.35 0.00	43.16 -0.41 0.00	51.03 -0.48 0.00	44.69 -0.40 0.00	40.69 -0.21 0.00	49.18 -0.31 0.00	48.96 -0.10 0.00	63.68 0.03 0.00	60.29 0.30 0.00	48.70 0.40 0.00	55.67 0.46 0.00	51.26 0.44 0.00	49.55 0.52 0.00	46.69 0.57 0.00	51.07 0.68 0.00	50.58 0.73 0.00	55.92 0.94 0.00	56.96 0.84 0.00	65.86 0.78 0.00	66.66 0.62 0.00	49.21 0.52 0.00	42.19 0.36 0.00	41.76 0.27 0.00
ALCOA_PA_115KV_PL-6C 55860	40.78 0.93 0.00	43.95 1.29 0.00	44.88 1.31 0.00	53.05 1.54 0.00	46.44 1.35 0.00	42.07 1.17 0.00	50.82 1.33 0.00	49.90 0.84 0.00	64.68 1.02 0.00	60.63 0.64 0.00	48.44 0.13 0.00	55.44 0.23 0.00	51.10 0.28 0.00	49.22 0.18 0.00	46.20 0.07 0.00	50.47 0.08 0.00	49.93 0.07 0.00	55.01 0.02 0.00	56.14 0.02 0.00	65.33 0.24 0.00	66.51 0.48 0.00	49.08 0.39 0.00	42.30 0.47 0.00	42.14 0.65 0.00
ALCOA_RYNLDS___DRP 24188	40.78 0.93 0.00	43.95 1.29 0.00	44.88 1.31 0.00	53.05 1.54 0.00	46.44 1.35 0.00	42.07 1.17 0.00	50.82 1.33 0.00	49.90 0.84 0.00	64.68 1.02 0.00	60.63 0.64 0.00	48.44 0.13 0.00	55.44 0.23 0.00	51.10 0.28 0.00	49.22 0.18 0.00	46.20 0.07 0.00	50.47 0.08 0.00	49.93 0.07 0.00	55.01 0.02 0.00	56.14 0.02 0.00	65.33 0.24 0.00	66.51 0.48 0.00	49.08 0.39 0.00	42.30 0.47 0.00	42.14 0.65 0.00
ALCOA___DSASP 323711	40.78 0.93 0.00	43.95 1.29 0.00	44.88 1.31 0.00	53.05 1.54 0.00	46.44 1.36 0.00	42.07 1.17 0.00	50.82 1.33 0.00	49.90 0.84 0.00	64.68 1.02 0.00	60.63 0.64 0.00	48.44 0.13 0.00	55.44 0.23 0.00	51.10 0.28 0.00	49.22 0.18 0.00	46.20 0.07 0.00	50.47 0.08 0.00	49.93 0.08 0.00	55.01 0.02 0.00	56.14 0.02 0.00	65.33 0.24 0.00	66.51 0.48 0.00	49.08 0.39 0.00	42.30 0.47 0.00	42.14 0.64 0.00
ALLEGHENY___COGEN 23514	40.92 1.06 0.00	43.50 0.83 0.00	44.52 0.96 0.00	52.68 1.18 0.00	46.16 1.07 0.00	41.82 0.92 0.00	50.71 1.21 0.00	50.49 1.43 0.00	64.39 0.73 0.00	59.57 -1.05 -0.63	47.07 -1.24 0.00	53.85 -1.36 0.00	49.57 -1.25 0.00	47.57 -1.47 0.00	44.38 -1.85 -0.11	48.33 -2.05 0.00	51.99 -1.95 -4.09	61.03 -2.10 -8.15	55.54 -0.58 0.00	95.03 -0.12 -30.06	114.30 0.22 -48.05	88.79 -0.04 -40.15	74.81 -0.31 -33.29	69.46 -0.09 -28.06
ALTAMONT_115KV_TB 2 55880	39.89 0.03 0.00	42.64 -0.02 0.00	43.53 -0.04 0.00	51.45 -0.05 0.00	45.04 -0.05 0.00	40.93 0.03 0.00	49.52 0.03 0.00	49.28 0.22 0.00	64.03 0.37 0.00	60.52 0.54 0.00	48.91 0.60 0.00	55.86 0.64 0.00	51.43 0.61 0.00	49.70 0.67 0.00	46.82 0.70 0.00	51.19 0.80 0.00	50.66 0.80 0.00	55.98 0.99 0.00	57.05 0.92 0.00	66.05 0.96 0.00	66.90 0.87 0.00	49.36 0.67 0.00	42.35 0.52 0.00	41.94 0.45 0.00
ALTONA_WT_PWR 323606	41.37 1.51 0.00	44.43 1.76 0.00	45.26 1.69 0.00	53.35 1.84 0.00	46.70 1.61 0.00	42.22 1.32 0.00	50.98 1.49 0.00	50.27 1.21 0.00	65.25 1.60 0.00	60.79 0.81 0.00	48.70 0.39 0.00	55.69 0.47 0.00	51.39 0.57 0.00	49.62 0.59 0.00	46.63 0.50 0.00	50.91 0.52 0.00	50.37 0.52 0.00	55.30 0.31 0.00	55.97 -0.15 0.00	65.19 0.10 0.00	66.38 0.34 0.00	49.34 0.65 0.00	42.63 0.79 0.00	42.57 1.08 0.00
AMERICAN_REF_FUEL 24010	37.52 -2.33 0.00	40.01 -2.65 0.00	40.84 -2.73 0.00	48.28 -3.23 0.00	42.16 -2.93 0.00	37.61 -3.29 0.00	44.91 -4.59 0.00	44.66 -4.40 0.00	58.05 -5.60 0.00	54.53 -5.31 0.16	43.49 -4.82 0.00	49.67 -5.54 0.00	45.73 -5.09 0.00	43.73 -5.30 0.00	40.76 -5.34 0.03	44.71 -5.68 0.00	43.55 -5.30 1.01	46.18 -6.80 2.01	49.31 -6.81 0.00	49.74 -7.92 7.43	46.57 -7.57 11.89	33.53 -5.22 9.94	29.63 -3.96 8.24	31.42 -3.12 6.95
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.23 0.37 0.00	42.74 0.08 0.00	43.96 0.39 0.00	51.89 0.38 0.00	45.34 0.25 0.00	40.61 -0.29 0.00	49.06 -0.43 0.00	48.83 -0.23 0.00	63.45 -0.21 0.00	59.23 -0.68 0.08	47.63 -0.68 0.00	54.72 -0.49 0.00	50.25 -0.57 0.00	48.03 -1.01 0.00	44.90 -1.21 0.01	48.61 -1.78 0.00	47.28 -2.04 0.53	50.66 -3.27 1.06	51.88 -4.25 0.00	55.53 -5.65 3.91	54.36 -5.41 6.26	39.57 -3.89 5.24	34.64 -2.85 4.34	35.72 -2.11 3.66
ARTHUR KILL_GT_1 23520	56.02 1.16 -15.01	55.72 0.96 -12.10	54.82 0.86 -10.39	54.84 1.04 -2.30	54.83 0.83 -8.91	55.52 0.83 -13.80	56.61 1.31 -5.81	57.34 2.18 -6.10	78.55 2.75 -12.14	81.14 3.28 -17.87	60.84 2.81 -9.72	76.87 3.13 -18.53	73.11 2.92 -19.37	98.56 3.28 -46.24	80.80 3.05 -31.62	85.42 3.24 -31.79	81.12 3.07 -28.19	96.45 3.51 -37.96	98.69 3.67 -38.90	98.84 4.29 -29.46	98.76 4.11 -28.62	98.73 2.69 -47.36	94.72 2.16 -50.72	57.28 1.99 -13.80
ARTHUR_KILL_2 23512	55.92 1.05 -15.01	55.62 0.86 -12.10	54.71 0.75 -10.39	54.71 0.91 -2.30	54.71 0.71 -8.91	55.42 0.72 -13.80	56.48 1.17 -5.81	57.20 2.03 -6.10	78.36 2.57 -12.14	80.96 3.10 -17.87	60.70 2.67 -9.72	76.71 2.96 -18.53	72.95 2.76 -19.37	98.42 3.14 -46.24	80.67 2.92 -31.62	85.27 3.09 -31.79	80.97 2.92 -28.19	96.28 3.34 -37.96	98.52 3.50 -38.90	98.63 4.08 -29.46	98.56 3.90 -28.62	98.59 2.54 -47.36	94.59 2.04 -50.72	57.17 1.87 -13.80
ARTHUR_KILL_3 23513	55.66 0.80 -15.00	55.41 0.65 -12.09	53.81 0.57 -9.68	54.52 0.73 -2.29	54.55 0.56 -8.90	55.27 0.57 -13.80	56.30 1.00 -5.81	56.84 1.67 -6.10	78.09 2.29 -12.14	80.01 2.85 -17.17	76.36 2.64 -25.41	76.72 2.98 -18.53	70.32 2.78 -16.73	82.20 2.88 -30.29	80.52 2.77 -31.62	85.13 2.94 -31.79	80.81 2.76 -28.20	96.11 3.16 -37.96	98.07 3.05 -38.89	98.09 3.54 -29.45	98.00 3.35 -28.62	99.39 2.14 -48.56	94.47 1.85 -50.79	57.46 1.56 -14.41

ARTHUR_KILL_COGEN 323718	56.02 1.16 -15.01	55.72 0.96 -12.10	54.82 0.86 -10.39	54.84 1.04 -2.30	54.83 0.83 -8.91	55.52 0.83 -13.80	56.61 1.31 -5.81	57.34 2.18 -6.10	78.55 2.75 -12.14	81.14 3.28 -17.87	60.84 2.81 -9.72	76.87 3.13 -18.53	73.11 2.92 -19.37	98.56 3.28 -46.24	80.80 3.05 -31.62	85.42 3.24 -31.79	81.12 3.07 -28.19	96.45 3.51 -37.96	98.69 3.67 -38.90	98.84 4.29 -29.46	98.76 4.11 -28.62	98.73 2.69 -47.36	94.72 2.16 -50.72	57.28 1.99 -13.80
ASHOKAN____ 23654	40.69 0.83 0.00	43.39 0.72 0.00	44.25 0.68 0.00	52.36 0.85 0.00	45.82 0.73 0.00	41.75 0.85 0.00	50.71 1.21 0.00	50.77 1.72 0.00	66.07 2.42 0.00	62.63 2.64 0.00	50.63 2.32 0.00	57.92 2.71 0.00	53.12 2.30 0.00	51.43 2.39 0.00	48.41 2.28 0.00	52.88 2.49 0.00	52.30 2.45 0.00	57.87 2.88 0.00	59.09 2.96 0.00	68.40 3.31 0.00	69.22 3.19 0.00	50.93 2.24 0.00	43.56 1.73 0.00	42.97 1.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.73 0.88 0.00	43.28 0.62 0.01	44.00 0.44 0.01	49.99 0.52 2.03	45.50 0.42 0.01	41.39 0.50 0.01	49.98 0.91 0.43	50.72 1.65 -0.01	66.03 2.36 -0.01	64.59 2.89 -1.72	52.01 2.69 -1.01	58.34 3.13 0.01	54.11 2.96 -0.33	52.29 3.00 -0.25	50.19 2.89 -1.18	53.56 3.02 -0.15	52.69 2.83 0.00	58.25 3.17 -0.10	59.38 3.08 -0.17	69.06 3.52 -0.45	69.55 3.30 -0.22	51.04 2.32 -0.02	43.75 1.92 0.00	43.14 1.64 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.73 0.88 0.00	43.28 0.62 0.01	44.00 0.44 0.01	49.99 0.52 2.03	45.50 0.42 0.01	41.39 0.50 0.01	49.98 0.91 0.43	50.71 1.64 -0.01	66.02 2.36 -0.01	64.60 2.89 -1.72	52.01 2.69 -1.01	58.34 3.13 0.01	54.11 2.96 -0.33	52.29 3.00 -0.25	50.19 2.89 -1.18	53.56 3.02 -0.15	52.69 2.83 0.00	58.25 3.17 -0.10	59.38 3.08 -0.17	69.06 3.52 -0.45	69.55 3.30 -0.22	51.04 2.32 -0.02	43.75 1.92 0.00	43.14 1.64 -0.01
ASTORIA_GT2_1 24094	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT2_2 24095	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT2_3 24096	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT2_4 24097	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT3_1 24098	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT3_2 24099	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT3_3 24100	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT3_4 24101	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT4_1 24102	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT4_2 24103	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT4_3 24104	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01

ASTORIA_GT4_4 24105	40.75 0.89 0.00	43.31 0.65 0.00	44.03 0.46 0.00	50.04 0.56 2.03	45.53 0.44 0.00	41.42 0.52 0.00	50.02 0.95 0.42	50.74 1.68 -0.01	66.07 2.41 -0.01	64.65 2.94 -1.72	52.06 2.74 -1.01	58.37 3.17 0.01	54.15 3.00 -0.33	52.31 3.03 -0.25	50.25 2.95 -1.18	53.58 3.05 -0.15	52.71 2.85 0.00	58.29 3.21 -0.10	59.41 3.11 -0.18	69.12 3.58 -0.45	69.66 3.41 -0.22	51.09 2.38 -0.02	43.78 1.95 0.00	43.18 1.68 -0.01
ASTORIA_GT_1 23523	40.82 0.97 0.00	43.39 0.73 0.01	44.10 0.54 0.01	50.11 0.64 2.03	45.60 0.52 0.01	41.49 0.59 0.01	50.12 1.05 0.43	50.84 1.77 -0.01	66.20 2.54 -0.01	64.75 3.05 -1.72	52.13 2.81 -1.01	58.50 3.29 0.01	54.25 3.10 -0.33	52.42 3.14 -0.25	50.32 3.02 -1.18	53.71 3.17 -0.15	52.82 2.96 0.00	58.40 3.32 -0.10	59.54 3.24 -0.17	69.22 3.68 -0.45	69.72 3.47 -0.22	51.14 2.43 -0.02	43.84 2.00 0.00	43.23 1.73 -0.01
ASTORIA_GT_10 24110	40.99 1.12 0.00	43.62 0.96 0.00	44.41 0.85 0.00	52.55 1.04 0.00	45.93 0.84 0.00	41.76 0.86 0.00	50.88 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.86 3.37 -9.50	74.93 3.04 -23.58	83.71 3.43 -25.07	83.89 3.22 -29.86	69.82 3.32 -17.46	68.02 3.17 -18.73	68.62 3.37 -14.86	74.48 3.20 -21.42	62.72 3.62 -4.11	60.45 3.54 -0.78	69.18 4.09 0.00	69.91 3.88 0.00	51.46 2.57 -0.20	46.47 2.17 -2.47	43.40 1.90 -0.01
ASTORIA_GT_11 24225	40.99 1.12 0.00	43.62 0.96 0.00	44.41 0.85 0.00	52.55 1.04 0.00	45.93 0.84 0.00	41.76 0.86 0.00	50.88 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.86 3.37 -9.50	74.93 3.04 -23.58	83.71 3.43 -25.07	83.89 3.22 -29.86	69.82 3.32 -17.46	68.02 3.17 -18.73	68.62 3.37 -14.86	74.48 3.20 -21.42	62.72 3.62 -4.11	60.45 3.54 -0.78	69.18 4.09 0.00	69.91 3.88 0.00	51.46 2.57 -0.20	46.47 2.17 -2.47	43.40 1.90 -0.01
ASTORIA_GT_12 24226	40.99 1.12 0.00	43.62 0.96 0.00	44.41 0.85 0.00	52.55 1.04 0.00	45.93 0.84 0.00	41.76 0.86 0.00	50.88 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.86 3.37 -9.50	74.93 3.04 -23.58	83.71 3.43 -25.07	83.89 3.22 -29.86	69.82 3.32 -17.46	68.02 3.17 -18.73	68.62 3.37 -14.86	74.48 3.20 -21.42	62.72 3.62 -4.11	60.45 3.54 -0.78	69.18 4.09 0.00	69.91 3.88 0.00	51.46 2.57 -0.20	46.47 2.17 -2.47	43.40 1.90 -0.01
ASTORIA_GT_13 24227	40.99 1.12 0.00	43.62 0.96 0.00	44.41 0.85 0.00	52.55 1.04 0.00	45.93 0.84 0.00	41.76 0.86 0.00	50.88 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.86 3.37 -9.50	74.93 3.04 -23.58	83.71 3.43 -25.07	83.89 3.22 -29.86	69.82 3.32 -17.46	68.02 3.17 -18.73	68.62 3.37 -14.86	74.48 3.20 -21.42	62.72 3.62 -4.11	60.45 3.54 -0.78	69.18 4.09 0.00	69.91 3.88 0.00	51.46 2.57 -0.20	46.47 2.17 -2.47	43.40 1.90 -0.01
ASTORIA_GT_5 24106	40.82 0.96 0.00	43.39 0.73 0.00	44.11 0.54 0.00	50.12 0.64 2.03	45.62 0.53 0.00	41.50 0.59 0.00	50.13 1.05 0.42	50.86 1.79 -0.01	66.20 2.54 -0.01	64.77 3.06 -1.72	52.18 2.86 -1.01	58.49 3.29 0.01	54.27 3.12 -0.33	52.43 3.15 -0.25	50.36 3.06 -1.18	53.71 3.18 -0.15	52.82 2.96 0.00	58.40 3.32 -0.10	59.54 3.23 -0.18	69.25 3.71 -0.45	69.78 3.53 -0.22	51.17 2.46 -0.02	43.85 2.02 0.00	43.24 1.74 -0.01
ASTORIA_GT_7 24107	40.82 0.96 0.00	43.39 0.73 0.00	44.11 0.54 0.00	50.12 0.64 2.03	45.62 0.53 0.00	41.50 0.59 0.00	50.13 1.05 0.42	50.86 1.79 -0.01	66.20 2.54 -0.01	64.77 3.06 -1.72	52.18 2.86 -1.01	58.49 3.29 0.01	54.27 3.12 -0.33	52.43 3.15 -0.25	50.36 3.06 -1.18	53.71 3.18 -0.15	52.82 2.96 0.00	58.40 3.32 -0.10	59.54 3.23 -0.18	69.25 3.71 -0.45	69.78 3.53 -0.22	51.17 2.46 -0.02	43.85 2.02 0.00	43.24 1.74 -0.01
ASTORIA_GT_8 24108	40.82 0.96 0.00	43.39 0.73 0.00	44.11 0.54 0.00	50.12 0.64 2.03	45.62 0.53 0.00	41.50 0.59 0.00	50.13 1.05 0.42	50.86 1.79 -0.01	66.20 2.54 -0.01	64.77 3.06 -1.72	52.18 2.86 -1.01	58.49 3.29 0.01	54.27 3.12 -0.33	52.43 3.15 -0.25	50.36 3.06 -1.18	53.71 3.18 -0.15	52.82 2.96 0.00	58.40 3.32 -0.10	59.54 3.23 -0.18	69.25 3.71 -0.45	69.78 3.53 -0.22	51.17 2.46 -0.02	43.85 2.02 0.00	43.24 1.74 -0.01
ASTORIA___2 24149	40.75 0.89 0.00	43.30 0.65 0.01	44.02 0.46 0.01	50.03 0.55 2.03	45.52 0.44 0.01	41.41 0.52 0.01	50.02 0.95 0.43	50.74 1.67 -0.01	66.07 2.40 -0.01	64.63 2.93 -1.72	52.02 2.70 -1.01	58.37 3.17 0.01	54.13 2.98 -0.33	52.32 3.03 -0.25	50.22 2.92 -1.18	53.58 3.05 -0.15	52.70 2.85 0.00	58.28 3.20 -0.10	59.41 3.11 -0.17	69.09 3.56 -0.45	69.60 3.35 -0.22	51.06 2.35 -0.02	43.78 1.94 0.00	43.17 1.67 -0.01
ASTORIA___3 23516	40.99 1.12 0.00	43.62 0.95 0.00	44.41 0.84 0.00	52.54 1.04 0.00	45.92 0.83 0.00	41.75 0.85 0.00	50.89 1.35 -0.04	51.34 2.09 -0.20	66.51 2.84 -0.02	72.85 3.36 -9.50	74.93 3.04 -23.58	83.71 3.43 -25.07	83.90 3.22 -29.86	69.82 3.32 -17.46	68.02 3.16 -18.73	68.61 3.36 -14.86	74.47 3.20 -21.42	62.72 3.63 -4.11	60.45 3.55 -0.78	69.16 4.07 0.00	69.88 3.85 0.00	51.45 2.56 -0.20	46.45 2.16 -2.47	43.39 1.89 -0.01
ASTORIA___4 23517	40.99 1.12 0.00	43.62 0.95 0.00	44.41 0.85 0.00	52.55 1.04 0.00	45.93 0.84 0.00	41.76 0.86 0.00	50.88 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.86 3.37 -9.50	74.93 3.04 -23.58	83.71 3.43 -25.07	83.89 3.22 -29.86	69.82 3.32 -17.46	68.02 3.17 -18.73	68.62 3.37 -14.86	74.48 3.20 -21.42	62.72 3.62 -4.11	60.45 3.54 -0.78	69.18 4.08 0.00	69.91 3.88 0.00	51.46 2.57 -0.20	46.47 2.17 -2.47	43.40 1.90 -0.01
ASTORIA___5 23518	40.99 1.12 0.00	43.62 0.95 0.00	44.41 0.84 0.00	52.54 1.04 0.00	45.92 0.83 0.00	41.75 0.85 0.00	50.89 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.85 3.36 -9.50	74.93 3.04 -23.58	83.72 3.44 -25.07	83.90 3.22 -29.86	69.82 3.32 -17.46	68.02 3.17 -18.73	68.61 3.36 -14.86	74.47 3.20 -21.42	62.72 3.63 -4.11	60.45 3.55 -0.78	69.18 4.08 0.00	69.90 3.86 0.00	51.45 2.56 -0.20	46.45 2.16 -2.47	43.39 1.89 -0.01
AST_ENERGY_2_CC3 323677	40.81 0.95 0.00	43.45 0.78 0.00	44.25 0.68 0.00	52.36 0.86 0.00	45.76 0.67 0.00	41.59 0.69 0.00	50.64 1.14 0.00	50.89 1.83 0.00	66.12 2.46 0.00	63.04 3.06 0.00	51.08 2.77 0.00	58.33 3.12 0.00	53.75 2.93 0.00	52.09 3.06 0.00	49.06 2.93 0.00	53.49 3.10 0.00	52.80 2.94 0.00	58.31 3.33 0.00	59.38 3.25 0.00	68.85 3.76 0.00	69.62 3.58 0.00	51.01 2.32 0.00	43.81 1.97 0.00	43.19 1.70 0.00
AST_ENERGY_2_CC4 323678	40.81 0.95 0.00	43.45 0.78 0.00	44.25 0.68 0.00	52.36 0.86 0.00	45.76 0.67 0.00	41.59 0.69 0.00	50.64 1.14 0.00	50.89 1.83 0.00	66.12 2.46 0.00	63.04 3.06 0.00	51.08 2.77 0.00	58.33 3.12 0.00	53.75 2.93 0.00	52.09 3.06 0.00	49.06 2.93 0.00	53.49 3.10 0.00	52.80 2.94 0.00	58.31 3.33 0.00	59.38 3.25 0.00	68.85 3.76 0.00	69.62 3.58 0.00	51.01 2.32 0.00	43.81 1.97 0.00	43.19 1.70 0.00

ATHENS_STG_1 23668	40.08 0.22 0.00	42.80 0.14 0.00	43.68 0.11 0.00	51.63 0.12 0.00	45.17 0.08 0.00	41.00 0.10 0.00	49.66 0.17 0.00	49.54 0.49 0.00	64.34 0.69 0.00	60.97 0.98 0.00	49.37 1.05 0.00	56.37 1.16 0.00	51.87 1.05 0.00	50.17 1.14 0.00	47.26 1.14 0.00	51.60 1.21 0.00	50.97 1.12 0.00	56.30 1.32 0.00	57.40 1.27 0.00	66.40 1.31 0.00	67.22 1.18 0.00	49.57 0.88 0.00	42.57 0.73 0.00	42.10 0.60 0.00
ATHENS_STG_2 23670	40.08 0.22 0.00	42.80 0.14 0.00	43.68 0.11 0.00	51.63 0.12 0.00	45.17 0.08 0.00	41.00 0.10 0.00	49.66 0.17 0.00	49.54 0.49 0.00	64.34 0.69 0.00	60.97 0.98 0.00	49.37 1.05 0.00	56.37 1.16 0.00	51.87 1.05 0.00	50.17 1.14 0.00	47.26 1.14 0.00	51.60 1.21 0.00	50.97 1.12 0.00	56.30 1.32 0.00	57.40 1.27 0.00	66.40 1.31 0.00	67.22 1.18 0.00	49.57 0.88 0.00	42.57 0.73 0.00	42.10 0.60 0.00
ATHENS_STG_3 23677	40.08 0.22 0.00	42.80 0.14 0.00	43.68 0.11 0.00	51.63 0.12 0.00	45.17 0.08 0.00	41.00 0.10 0.00	49.66 0.17 0.00	49.54 0.49 0.00	64.34 0.69 0.00	60.97 0.98 0.00	49.37 1.05 0.00	56.37 1.16 0.00	51.87 1.05 0.00	50.17 1.14 0.00	47.26 1.14 0.00	51.60 1.21 0.00	50.97 1.12 0.00	56.30 1.32 0.00	57.40 1.27 0.00	66.40 1.31 0.00	67.22 1.18 0.00	49.57 0.88 0.00	42.57 0.73 0.00	42.10 0.60 0.00
AUBURN___LFGE 323710	40.10 0.24 0.00	42.76 0.10 0.00	43.90 0.33 0.00	51.72 0.21 0.00	45.45 0.36 0.00	41.26 0.36 0.00	50.07 0.57 0.00	49.79 0.73 0.00	64.35 0.69 0.00	60.12 0.13 0.00	48.39 0.08 0.00	55.36 0.15 0.00	50.90 0.08 0.00	48.86 -0.17 0.00	45.98 -0.15 0.00	50.23 -0.16 0.00	49.86 0.01 0.00	54.89 -0.09 0.00	56.36 0.24 0.00	65.51 0.42 0.00	66.49 0.46 0.00	49.01 0.32 0.00	41.92 0.09 0.00	41.72 0.23 0.00
BABYLON_RES_REC 323704	41.19 1.33 0.00	43.82 1.16 0.00	44.49 0.92 0.00	52.45 0.94 0.00	45.81 0.72 0.00	41.31 0.41 0.00	49.84 0.34 0.00	49.95 0.89 0.00	65.45 1.80 0.00	61.75 2.32 0.55	59.64 2.41 -8.92	61.45 2.62 -3.63	59.37 2.56 -5.98	60.02 2.74 -8.25	59.74 2.65 -10.97	58.33 2.73 -5.20	58.58 2.39 -6.34	69.67 2.72 -11.97	66.65 2.64 -7.88	74.63 2.75 -6.79	75.60 2.92 -6.64	62.30 2.09 -11.52	58.09 2.09 -14.17	53.69 2.07 -10.13
BABYLON__69_KV_BK2 356345	41.47 1.61 0.00	44.10 1.43 0.00	44.79 1.22 0.00	52.80 1.29 0.00	46.10 1.01 0.00	41.75 0.85 0.00	50.46 0.97 0.00	50.67 1.61 0.00	66.41 2.75 0.00	62.56 3.19 0.62	60.12 3.13 -8.69	62.16 3.40 -3.55	59.96 3.30 -5.84	60.57 3.47 -8.06	60.17 3.36 -10.69	58.97 3.50 -5.09	59.25 3.19 -6.21	70.31 3.61 -11.71	67.38 3.55 -7.71	75.63 3.91 -6.62	76.51 3.99 -6.49	62.77 2.80 -11.27	58.14 2.43 -13.88	53.80 2.39 -9.92
BALL_HILL_WT_PWR 323825	39.80 -0.06 0.00	42.28 -0.38 0.00	43.43 -0.13 0.00	51.30 -0.20 0.00	44.80 -0.29 0.00	40.07 -0.82 0.00	48.32 -1.17 0.00	48.06 -1.01 0.00	62.37 -1.28 0.00	58.10 -1.76 0.12	46.74 -1.57 0.00	53.52 -1.69 0.00	49.11 -1.71 0.00	46.99 -2.04 0.00	43.96 -2.14 0.02	47.78 -2.61 0.00	46.37 -2.71 0.78	49.65 -3.79 1.55	52.00 -4.13 0.00	54.40 -4.97 5.71	52.18 -4.71 9.15	37.77 -3.28 7.64	33.13 -2.37 6.34	34.49 -1.66 5.34
BARON_WINDS___WT_PWR 323822	39.81 -0.05 0.00	42.30 -0.36 0.00	43.35 -0.22 0.00	51.26 -0.24 0.00	44.84 -0.25 0.00	40.31 -0.59 0.00	48.68 -0.81 0.00	48.44 -0.62 0.00	62.19 -1.46 0.00	58.25 -1.79 -0.05	46.90 -1.41 0.00	53.73 -1.48 0.00	49.36 -1.46 0.00	47.30 -1.74 0.00	43.91 -1.95 0.27	48.10 -2.30 0.00	37.94 -2.36 9.55	33.45 -2.49 19.05	53.97 -2.16 0.00	-7.87 -2.67 70.29	-49.27 -2.90 112.40	-47.65 -2.43 93.91	-38.46 -2.41 77.88	-26.41 -2.25 65.65
BARRETT_IC_1 23704	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	53.96 0.74 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.06 2.43 -106.32	133.40 2.74 -75.46	124.67 2.54 -71.30	138.49 2.68 -86.78	171.03 2.56 -122.35	118.37 2.73 -65.25	129.97 2.56 -77.55	185.33 2.90 -127.44	139.27 2.85 -80.29	145.85 3.21 -77.55	141.19 3.17 -71.98	165.16 2.13 -114.34	184.02 1.83 -140.36	148.19 1.75 -104.95
BARRETT_IC_10 23701	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	51.24 0.74 -1.00	52.67 1.27 -2.34	78.47 2.17 -12.64	46.83 2.65 15.81	61.60 2.43 -10.86	80.34 2.74 -22.40	65.83 2.54 -12.46	73.98 2.68 -22.27	61.20 2.56 -12.52	70.52 2.73 -17.39	77.28 2.56 -24.87	96.71 2.90 -38.82	81.58 2.85 -22.60	78.13 3.21 -9.83	85.35 3.17 -16.14	93.36 2.13 -42.54	96.00 1.83 -52.34	127.28 1.75 -84.04
BARRETT_IC_11 23702	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	51.24 0.74 -1.00	52.67 1.27 -2.34	78.47 2.17 -12.64	46.83 2.65 15.81	61.60 2.43 -10.86	80.34 2.74 -22.40	65.83 2.54 -12.46	73.98 2.68 -22.27	61.20 2.56 -12.52	70.52 2.73 -17.39	77.28 2.56 -24.87	96.71 2.90 -38.82	81.58 2.85 -22.60	78.13 3.21 -9.83	85.35 3.17 -16.14	93.36 2.13 -42.54	96.00 1.83 -52.34	127.28 1.75 -84.04
BARRETT_IC_12 23703	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	51.24 0.74 -1.00	52.67 1.27 -2.34	78.47 2.17 -12.64	46.83 2.65 15.81	61.60 2.43 -10.86	80.34 2.74 -22.40	65.83 2.54 -12.46	73.98 2.68 -22.27	61.20 2.56 -12.52	70.52 2.73 -17.39	77.28 2.56 -24.87	96.71 2.90 -38.82	81.58 2.85 -22.60	78.13 3.21 -9.83	85.35 3.17 -16.14	93.36 2.13 -42.54	96.00 1.83 -52.34	127.28 1.75 -84.04
BARRETT_IC_2 23705	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	53.96 0.74 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.06 2.43 -106.32	133.40 2.74 -75.46	124.67 2.54 -71.30	138.49 2.68 -86.78	171.03 2.56 -122.35	118.37 2.73 -65.25	129.97 2.56 -77.55	185.33 2.90 -127.44	139.27 2.85 -80.29	145.85 3.21 -77.55	141.19 3.17 -71.98	165.16 2.13 -114.34	184.02 1.83 -140.36	148.19 1.75 -104.95
BARRETT_IC_3 23706	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	53.96 0.74 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.06 2.43 -106.32	133.40 2.74 -75.46	124.67 2.54 -71.30	138.49 2.68 -86.78	171.03 2.56 -122.35	118.37 2.73 -65.25	129.97 2.56 -77.55	185.33 2.90 -127.44	139.27 2.85 -80.29	145.85 3.21 -77.55	141.19 3.17 -71.98	165.16 2.13 -114.34	184.02 1.83 -140.36	148.19 1.75 -104.95
BARRETT_IC_4 23707	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	53.96 0.74 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.06 2.43 -106.32	133.40 2.74 -75.46	124.67 2.54 -71.30	138.49 2.68 -86.78	171.03 2.56 -122.35	118.37 2.73 -65.25	129.97 2.56 -77.55	185.33 2.90 -127.44	139.27 2.85 -80.29	145.85 3.21 -77.55	141.19 3.17 -71.98	165.16 2.13 -114.34	184.02 1.83 -140.36	148.19 1.75 -104.95

BARRETT_IC_5 23708	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	53.96 0.74 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.06 2.43 -106.32	133.40 2.74 -75.46	124.67 2.54 -71.30	138.49 2.68 -86.78	171.03 2.56 -122.35	118.37 2.73 -65.25	129.97 2.56 -77.55	185.33 2.90 -127.44	139.27 2.85 -80.29	145.85 3.21 -77.55	141.19 3.17 -71.98	165.16 2.13 -114.34	184.02 1.83 -140.36	148.19 1.75 -104.95
BARRETT_IC_6 23709	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	53.96 0.74 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.06 2.43 -106.32	133.40 2.74 -75.46	124.67 2.54 -71.30	138.49 2.68 -86.78	171.03 2.56 -122.35	118.37 2.73 -65.25	129.97 2.56 -77.55	185.33 2.90 -127.44	139.27 2.85 -80.29	145.85 3.21 -77.55	141.19 3.17 -71.98	165.16 2.13 -114.34	184.02 1.83 -140.36	148.19 1.75 -104.95
BARRETT_IC_7 23710	83.75 1.09 -42.80	63.65 0.95 -20.03	45.77 0.74 -1.46	52.34 0.75 -0.08	45.77 0.60 -0.08	70.27 0.57 -28.80	53.97 0.75 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.08 2.46 -106.32	133.40 2.73 -75.46	124.70 2.58 -71.30	138.52 2.71 -86.78	171.08 2.61 -122.35	118.40 2.76 -65.25	129.97 2.57 -77.55	185.37 2.94 -127.44	139.27 2.85 -80.29	145.87 3.23 -77.55	141.23 3.21 -71.98	165.19 2.16 -114.34	184.04 1.84 -140.36	148.20 1.76 -104.95
BARRETT_IC_8 23711	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	53.96 0.74 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.06 2.43 -106.32	133.40 2.74 -75.46	124.67 2.54 -71.30	138.49 2.68 -86.78	171.03 2.56 -122.35	118.37 2.73 -65.25	129.97 2.56 -77.55	185.33 2.90 -127.44	139.27 2.85 -80.29	145.85 3.21 -77.55	141.19 3.17 -71.98	165.16 2.13 -114.34	184.02 1.83 -140.36	148.19 1.75 -104.95
BARRETT_IC_9 23700	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	51.24 0.74 -1.00	52.67 1.27 -2.34	78.47 2.17 -12.64	46.83 2.65 15.81	61.60 2.43 -10.86	80.34 2.74 -22.40	65.83 2.54 -12.46	73.98 2.68 -22.27	61.20 2.56 -12.52	70.52 2.73 -17.39	77.28 2.56 -24.87	96.71 2.90 -38.82	81.58 2.85 -22.60	78.13 3.21 -9.83	85.35 3.17 -16.14	93.36 2.13 -42.54	96.00 1.83 -52.34	127.28 1.75 -84.04
BARRETT___1 23545	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	53.96 0.74 -3.72	59.24 1.27 -8.91	113.90 2.17 -48.07	154.61 2.65 -91.97	157.06 2.43 -106.32	133.40 2.74 -75.46	124.67 2.54 -71.30	138.49 2.68 -86.78	171.03 2.56 -122.35	118.37 2.73 -65.25	129.97 2.56 -77.55	185.33 2.90 -127.44	139.27 2.85 -80.29	145.85 3.21 -77.55	141.19 3.17 -71.98	165.16 2.13 -114.34	184.02 1.83 -140.36	148.19 1.75 -104.95
BARRETT___2 23546	83.75 1.09 -42.80	63.65 0.96 -20.03	45.77 0.73 -1.46	52.32 0.73 -0.08	45.76 0.59 -0.08	70.28 0.57 -28.80	51.24 0.74 -1.00	52.67 1.27 -2.34	78.47 2.17 -12.64	46.83 2.65 15.81	61.60 2.43 -10.86	80.34 2.74 -22.40	65.83 2.54 -12.46	73.98 2.68 -22.27	61.20 2.56 -12.52	70.52 2.73 -17.39	77.28 2.56 -24.87	96.71 2.90 -38.82	81.58 2.85 -22.60	78.13 3.21 -9.83	85.35 3.17 -16.14	93.36 2.13 -42.54	96.00 1.83 -52.34	127.28 1.75 -84.04
BATAVIA__115KV_TB1 55881	39.28 -0.57 0.00	41.86 -0.81 0.00	42.73 -0.84 0.00	50.53 -0.98 0.00	44.22 -0.87 0.00	39.81 -1.09 0.00	47.98 -1.51 0.00	47.76 -1.29 0.00	61.70 -1.96 0.00	57.57 -2.30 0.12	45.59 -2.72 0.00	52.14 -3.07 0.00	48.20 -2.62 0.00	45.83 -3.20 0.00	42.61 -3.49 0.02	46.58 -3.81 0.00	45.54 -3.49 0.82	49.41 -3.94 1.64	52.69 -3.43 0.00	55.24 -3.79 6.06	52.91 -3.43 9.69	38.22 -2.38 8.10	33.40 -1.72 6.72	34.71 -1.12 5.66
BAYONEEC___CTG1 323682	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BAYONEEC___CTG10 323750	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BAYONEEC___CTG2 323683	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BAYONEEC___CTG3 323684	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BAYONEEC___CTG4 323685	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BAYONEEC___CTG5 323686	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BAYONEEC___CTG6 323687	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00

BAYONEEC___CTG7 323688	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BAYONEEC___CTG8 323689	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BAYONEEC___CTG9 323749	40.80 0.94 0.00	43.45 0.78 0.00	44.26 0.69 0.00	52.37 0.87 0.00	45.76 0.68 0.00	41.59 0.69 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.04 3.05 0.00	51.08 2.78 0.00	58.34 3.13 0.00	53.74 2.92 0.00	52.09 3.05 0.00	49.05 2.93 0.00	53.49 3.10 0.00	52.78 2.93 0.00	58.31 3.33 0.00	59.37 3.24 0.00	68.84 3.75 0.00	69.62 3.58 0.00	50.99 2.30 0.00	43.80 1.97 0.00	43.19 1.70 0.00
BEACON___LESR 323632	39.82 -0.03 0.00	42.51 -0.16 0.00	43.39 -0.18 0.00	51.37 -0.13 0.00	44.96 -0.13 0.00	40.98 0.07 0.00	49.58 0.08 0.00	49.35 0.29 0.00	64.23 0.58 0.00	60.81 0.82 0.00	49.23 0.92 0.00	56.26 1.04 0.00	51.68 0.86 0.00	50.02 0.99 0.00	47.17 1.04 0.00	51.50 1.11 0.00	51.01 1.16 0.00	56.43 1.45 0.00	57.49 1.36 0.00	66.57 1.48 0.00	67.31 1.28 0.00	49.57 0.88 0.00	42.50 0.67 0.00	42.11 0.62 0.00
BEAVER RIVER___HYD 24048	40.10 0.24 0.00	43.06 0.39 0.00	43.96 0.39 0.00	51.97 0.47 0.00	45.48 0.39 0.00	41.39 0.49 0.00	50.46 0.97 0.00	49.90 0.84 0.00	63.83 0.17 0.00	59.15 -0.84 0.00	47.13 -1.17 0.00	54.00 -1.21 0.00	49.73 -1.09 0.00	47.71 -1.32 0.00	44.79 -1.33 0.00	48.98 -1.42 0.00	48.57 -1.29 0.00	53.52 -1.47 0.00	55.13 -0.99 0.00	65.10 0.01 0.00	66.07 0.04 0.00	48.25 -0.44 0.00	41.75 -0.08 0.00	41.00 -0.49 0.00
BEEBEE_GT_13 23619	39.18 -0.68 0.00	41.78 -0.89 0.00	42.66 -0.91 0.00	50.43 -1.07 0.00	44.15 -0.94 0.00	40.08 -0.83 0.00	48.41 -1.09 0.00	48.12 -0.95 0.00	62.31 -1.35 0.00	58.40 -1.58 0.00	46.70 -1.61 0.00	53.40 -1.82 0.00	49.09 -1.74 0.00	47.17 -1.86 0.00	44.11 -2.01 0.00	48.24 -2.15 0.00	47.91 -1.94 0.00	52.55 -2.43 0.00	53.83 -2.30 0.00	62.55 -2.54 0.00	63.74 -2.29 0.00	47.06 -1.63 0.00	40.61 -1.22 0.00	40.63 -0.86 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.41 1.54 -15.01	56.15 1.39 -12.10	55.24 1.28 -10.39	55.35 1.55 -2.30	55.28 1.29 -8.91	55.95 1.26 -13.80	57.17 1.86 -5.81	57.81 2.65 -6.10	79.28 3.48 -12.14	91.85 3.96 -27.90	99.49 3.44 -47.73	101.80 3.90 -42.69	100.23 3.64 -45.76	99.10 3.82 -46.24	100.57 3.61 -50.83	99.32 3.86 -45.07	101.77 3.70 -48.22	99.33 4.17 -40.18	99.21 4.18 -38.90	99.41 4.87 -29.46	99.35 4.69 -28.62	99.20 3.15 -47.36	95.13 2.58 -50.72	57.64 2.35 -13.80
BETHLEHEM___GRP 23843	39.17 -0.69 0.00	41.89 -0.77 0.00	42.72 -0.85 0.00	50.51 -1.00 0.00	44.24 -0.85 0.00	40.27 -0.63 0.00	48.65 -0.85 0.00	48.42 -0.64 0.00	62.97 -0.68 0.00	59.61 -0.38 0.00	48.18 -0.13 0.00	55.04 -0.17 0.00	50.67 -0.15 0.00	49.00 -0.04 0.00	46.18 0.05 0.00	50.49 0.10 0.00	50.00 0.15 0.00	55.28 0.30 0.00	56.31 0.19 0.00	65.12 0.03 0.00	65.92 -0.12 0.00	48.69 0.00 0.00	41.76 -0.07 0.00	41.34 -0.15 0.00
BETHLEHEM___GS1 323560	39.17 -0.69 0.00	41.89 -0.78 0.00	42.72 -0.85 0.00	50.51 -1.00 0.00	44.24 -0.85 0.00	40.27 -0.63 0.00	48.65 -0.85 0.00	48.42 -0.64 0.00	62.97 -0.68 0.00	59.62 -0.37 0.00	48.17 -0.13 0.00	55.04 -0.17 0.00	50.67 -0.15 0.00	49.00 -0.04 0.00	46.18 0.06 0.00	50.49 0.10 0.00	50.00 0.15 0.00	55.29 0.30 0.00	56.32 0.19 0.00	65.12 0.03 0.00	65.90 -0.13 0.00	48.67 -0.02 0.00	41.75 -0.08 0.00	41.32 -0.17 0.00
BETHLEHEM___GS2 323561	39.17 -0.69 0.00	41.89 -0.78 0.00	42.72 -0.85 0.00	50.51 -1.00 0.00	44.24 -0.85 0.00	40.27 -0.63 0.00	48.65 -0.85 0.00	48.42 -0.64 0.00	62.97 -0.68 0.00	59.62 -0.37 0.00	48.17 -0.13 0.00	55.04 -0.17 0.00	50.67 -0.15 0.00	49.00 -0.04 0.00	46.18 0.06 0.00	50.49 0.10 0.00	50.00 0.15 0.00	55.29 0.30 0.00	56.32 0.19 0.00	65.12 0.03 0.00	65.90 -0.13 0.00	48.67 -0.02 0.00	41.75 -0.08 0.00	41.32 -0.17 0.00
BETHLEHEM___GS3 323562	39.17 -0.69 0.00	41.89 -0.78 0.00	42.72 -0.85 0.00	50.51 -1.00 0.00	44.24 -0.85 0.00	40.27 -0.63 0.00	48.65 -0.85 0.00	48.42 -0.64 0.00	62.97 -0.68 0.00	59.62 -0.37 0.00	48.17 -0.13 0.00	55.04 -0.17 0.00	50.67 -0.15 0.00	49.00 -0.04 0.00	46.18 0.06 0.00	50.49 0.10 0.00	50.00 0.15 0.00	55.29 0.30 0.00	56.32 0.19 0.00	65.12 0.03 0.00	65.90 -0.13 0.00	48.67 -0.02 0.00	41.75 -0.08 0.00	41.32 -0.17 0.00
BETHLEHEM___STEEL 23779	38.85 -1.01 0.00	41.38 -1.29 0.00	42.29 -1.28 0.00	49.97 -1.54 0.00	43.66 -1.42 0.00	39.06 -1.85 0.00	46.90 -2.59 0.00	46.67 -2.39 0.00	60.73 -2.93 0.00	56.96 -2.90 0.13	45.59 -2.72 0.00	52.06 -3.15 0.00	47.85 -2.97 0.00	45.80 -3.24 0.00	42.83 -3.27 0.02	46.92 -3.47 0.00	45.87 -3.16 0.83	49.10 -4.24 1.65	51.81 -4.31 0.00	53.91 -5.09 6.08	51.53 -4.77 9.73	37.29 -3.27 8.13	32.73 -2.36 6.74	34.19 -1.62 5.69
BETHLHEM_115KV_TB1 79974	39.31 -0.55 0.00	42.05 -0.62 0.00	42.89 -0.68 0.00	50.70 -0.80 0.00	44.41 -0.68 0.00	40.41 -0.49 0.00	48.83 -0.66 0.00	48.60 -0.46 0.00	63.19 -0.46 0.00	59.83 -0.16 0.00	48.34 0.03 0.00	55.23 0.02 0.00	50.83 0.01 0.00	49.16 0.12 0.00	46.33 0.21 0.00	50.65 0.26 0.00	50.15 0.30 0.00	55.44 0.45 0.00	56.47 0.35 0.00	65.33 0.24 0.00	66.12 0.09 0.00	48.83 0.14 0.00	41.89 0.05 0.00	41.47 -0.02 0.00
BETHPAGE_CC_5 323564	43.21 1.39 -1.96	44.82 1.24 -0.92	44.65 1.01 -0.06	52.57 1.06 0.00	45.95 0.85 0.00	42.99 0.78 -1.31	50.49 0.86 -0.13	50.86 1.48 -0.32	67.90 2.51 -1.73	65.84 2.99 -2.86	64.22 2.84 -13.07	64.78 3.13 -6.44	62.53 2.96 -8.75	63.76 3.10 -11.62	64.90 3.00 -15.77	61.24 3.14 -7.71	61.99 2.83 -9.31	75.08 3.19 -16.90	70.29 3.16 -11.00	78.46 3.54 -9.82	79.00 3.52 -9.45	67.14 2.42 -16.03	63.66 2.13 -19.69	58.44 2.10 -14.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.96 -0.90 0.00	41.48 -1.18 0.00	42.41 -1.16 0.00	50.11 -1.39 0.00	43.79 -1.30 0.00	39.18 -1.72 0.00	47.09 -2.41 0.00	46.86 -2.20 0.00	60.97 -2.69 0.00	57.20 -2.67 0.12	45.78 -2.53 0.00	52.30 -2.91 0.00	48.06 -2.76 0.00	46.01 -3.02 0.00	43.06 -3.04 0.02	47.16 -3.23 0.00	46.12 -2.97 0.77	49.47 -3.99 1.53	52.08 -4.04 0.00	54.64 -4.81 5.65	52.53 -4.47 9.04	38.05 -3.09 7.55	33.33 -2.24 6.26	34.72 -1.50 5.28

BINGHAMTON___COGEN 23790	40.10 0.25 0.00	42.73 0.07 0.00	43.75 0.18 0.00	51.73 0.22 0.00	45.24 0.16 0.00	40.91 0.01 0.00	49.54 0.04 0.00	49.31 0.25 0.00	63.90 0.25 0.00	60.21 0.22 0.00	48.61 0.30 0.00	55.64 0.43 0.00	51.11 0.30 0.00	49.25 0.21 0.00	46.29 0.17 0.00	50.49 0.10 0.00	49.89 0.04 0.00	54.99 0.00 0.00	56.25 0.13 0.00	65.15 0.06 0.00	66.11 0.07 0.00	48.72 0.03 0.00	41.89 0.06 0.00	41.59 0.10 0.00
BIXINCNT_115KV_LOAD 355685	39.86 0.00 0.00	42.40 -0.26 0.00	43.41 -0.16 0.00	51.37 -0.14 0.00	44.86 -0.23 0.00	40.16 -0.74 0.00	48.36 -1.13 0.00	48.16 -0.90 0.00	62.56 -1.09 0.00	58.62 -1.30 0.06	47.07 -1.24 0.00	53.81 -1.40 0.00	49.49 -1.32 0.00	47.49 -1.55 0.00	44.41 -1.71 0.01	48.40 -1.99 0.00	47.42 -2.02 0.41	51.12 -3.04 0.82	52.68 -3.45 0.00	57.35 -4.70 3.04	57.08 -4.09 4.87	40.99 -3.63 4.07	35.49 -2.97 3.37	36.75 -1.90 2.84
BLACK RIVER___HYD 24047	40.30 0.45 0.00	43.21 0.54 0.00	44.09 0.52 0.00	52.13 0.63 0.00	45.61 0.53 0.00	41.57 0.67 0.00	50.82 1.33 0.00	50.28 1.22 0.00	63.89 0.23 0.00	58.86 -1.13 0.00	46.79 -1.52 0.00	53.65 -1.56 0.00	49.41 -1.41 0.00	47.39 -1.64 0.00	44.42 -1.70 0.00	48.54 -1.85 0.00	48.17 -1.68 0.00	53.06 -1.93 0.00	55.15 -0.97 0.00	65.65 0.56 0.00	66.72 0.69 0.00	48.59 -0.10 0.00	41.99 0.15 0.00	41.11 -0.38 0.00
BLACKRVR_115KV_TB2 79977	40.30 0.45 0.00	43.21 0.54 0.00	44.09 0.52 0.00	52.13 0.63 0.00	45.61 0.52 0.00	41.58 0.67 0.00	50.82 1.32 0.00	50.28 1.22 0.00	63.89 0.23 0.00	58.86 -1.13 0.00	46.79 -1.52 0.00	53.65 -1.56 0.00	49.41 -1.41 0.00	47.39 -1.64 0.00	44.42 -1.70 0.00	48.54 -1.85 0.00	48.17 -1.68 0.00	53.06 -1.93 0.00	55.15 -0.98 0.00	65.65 0.56 0.00	66.72 0.69 0.00	48.59 -0.10 0.00	41.99 0.15 0.00	41.11 -0.38 0.00
BLISS_WT_PWR 323608	39.91 0.05 0.00	42.45 -0.21 0.00	43.47 -0.10 0.00	51.44 -0.07 0.00	44.92 -0.17 0.00	40.21 -0.69 0.00	48.44 -1.05 0.00	48.24 -0.82 0.00	62.67 -0.98 0.00	58.71 -1.22 0.06	47.15 -1.16 0.00	53.90 -1.31 0.00	49.60 -1.22 0.00	47.55 -1.49 0.00	44.48 -1.63 0.01	48.45 -1.94 0.00	47.43 -2.01 0.41	51.10 -3.07 0.82	52.49 -3.64 0.00	57.01 -5.05 3.04	56.82 -4.35 4.87	40.62 -4.00 4.07	35.09 -3.37 3.37	36.45 -2.20 2.84
BLUESTONE___WT_PWR 323821	41.55 1.70 0.00	44.10 1.44 0.00	45.01 1.45 0.00	53.58 2.07 0.00	47.27 2.18 0.00	42.93 2.03 0.00	52.26 2.76 0.00	52.07 3.01 0.00	67.25 3.59 0.00	63.06 3.07 0.00	50.84 2.53 0.00	58.13 2.92 0.00	53.38 2.56 0.00	51.24 2.20 0.00	48.24 2.12 0.00	52.83 2.44 0.00	52.25 2.39 0.00	57.66 2.67 0.00	59.18 3.06 0.00	68.10 3.01 0.00	68.61 2.58 0.00	50.64 1.95 0.00	43.31 1.48 0.00	43.06 1.57 0.00
BLUE_CIRC_CHEM_DRP 24182	39.85 -0.01 0.00	42.64 -0.02 0.00	43.53 -0.04 0.00	51.47 -0.04 0.00	45.06 -0.03 0.00	40.96 0.06 0.00	49.52 0.03 0.00	49.23 0.17 0.00	63.96 0.30 0.00	60.43 0.45 0.00	48.78 0.46 0.00	55.74 0.53 0.00	51.28 0.46 0.00	49.57 0.54 0.00	46.71 0.59 0.00	51.08 0.68 0.00	50.60 0.75 0.00	55.91 0.93 0.00	56.95 0.83 0.00	65.97 0.88 0.00	66.78 0.75 0.00	49.31 0.62 0.00	42.32 0.48 0.00	41.93 0.44 0.00
BOC_GAS_DRP 24189	39.73 -0.13 0.00	42.47 -0.19 0.00	43.35 -0.22 0.00	51.24 -0.26 0.00	44.86 -0.23 0.00	40.74 -0.16 0.00	49.28 -0.22 0.00	49.06 0.00 0.00	63.75 0.09 0.00	60.33 0.35 0.00	48.76 0.45 0.00	55.69 0.48 0.00	51.26 0.44 0.00	49.55 0.52 0.00	46.68 0.56 0.00	51.02 0.63 0.00	50.48 0.63 0.00	55.77 0.79 0.00	56.82 0.70 0.00	65.78 0.69 0.00	66.59 0.56 0.00	49.16 0.47 0.00	42.19 0.35 0.00	41.77 0.28 0.00
BOONVILLE_115KV_TB1 79983	40.51 0.65 0.00	43.38 0.72 0.00	44.31 0.74 0.00	52.37 0.87 0.00	45.84 0.75 0.00	41.70 0.80 0.00	50.73 1.24 0.00	50.32 1.26 0.00	64.89 1.23 0.00	60.68 0.69 0.00	48.60 0.29 0.00	55.59 0.38 0.00	51.13 0.32 0.00	49.22 0.18 0.00	46.28 0.16 0.00	50.63 0.24 0.00	50.25 0.39 0.00	55.51 0.52 0.00	56.94 0.81 0.00	66.40 1.31 0.00	67.32 1.28 0.00	49.38 0.69 0.00	42.53 0.70 0.00	41.91 0.42 0.00
BORALEX_4TH_BRANCH 23824	40.23 0.37 0.00	43.04 0.38 0.00	43.88 0.31 0.00	51.87 0.36 0.00	45.40 0.31 0.00	41.34 0.44 0.00	49.66 0.16 0.00	49.20 0.13 0.00	64.18 0.53 0.00	60.87 0.88 0.00	49.18 0.87 0.00	56.10 0.89 0.00	51.64 0.82 0.00	49.94 0.91 0.00	47.16 1.03 0.00	51.64 1.25 0.00	51.25 1.40 0.00	56.64 1.65 0.00	57.58 1.46 0.00	66.59 1.50 0.00	67.41 1.38 0.00	49.91 1.22 0.00	42.80 0.97 0.00	42.51 1.02 0.00
BOWLINE___1 23526	40.37 0.51 0.00	43.04 0.38 0.00	43.94 0.37 0.00	51.98 0.47 0.00	45.45 0.36 0.00	41.25 0.35 0.00	50.16 0.67 0.00	50.26 1.20 0.00	65.31 1.65 0.00	62.03 2.05 0.00	50.31 2.00 0.00	57.49 2.28 0.00	52.96 2.15 0.00	51.29 2.25 0.00	48.31 2.18 0.00	52.65 2.26 0.00	51.96 2.11 0.00	57.47 2.48 0.00	58.54 2.41 0.00	67.85 2.76 0.00	68.56 2.53 0.00	50.36 1.67 0.00	43.22 1.39 0.00	42.66 1.17 0.00
BOWLINE___2 23595	40.37 0.51 0.00	43.04 0.38 0.00	43.94 0.37 0.00	51.98 0.47 0.00	45.45 0.36 0.00	41.25 0.35 0.00	50.17 0.67 0.00	50.26 1.20 0.00	65.32 1.66 0.00	62.04 2.05 0.00	50.31 2.00 0.00	57.49 2.28 0.00	52.96 2.15 0.00	51.29 2.25 0.00	48.31 2.18 0.00	52.65 2.26 0.00	51.96 2.11 0.00	57.47 2.48 0.00	58.54 2.41 0.00	67.85 2.76 0.00	68.56 2.53 0.00	50.36 1.67 0.00	43.22 1.39 0.00	42.66 1.17 0.00
BRADY___115KV_TB2 356060	41.07 1.21 0.00	44.28 1.61 0.00	45.22 1.65 0.00	53.43 1.93 0.00	46.80 1.71 0.00	42.43 1.53 0.00	51.32 1.82 0.00	50.33 1.27 0.00	64.75 1.10 0.00	60.45 0.46 0.00	48.22 -0.09 0.00	55.27 0.06 0.00	50.96 0.15 0.00	49.02 -0.02 0.00	46.00 -0.13 0.00	50.26 -0.13 0.00	49.79 -0.06 0.00	54.97 -0.02 0.00	56.18 0.05 0.00	65.77 0.68 0.00	67.05 1.01 0.00	49.45 0.76 0.00	42.59 0.76 0.00	42.41 0.92 0.00
BRANSCOMB___SOLAR 323811	40.68 0.83 0.00	43.50 0.84 0.00	44.38 0.81 0.00	52.46 0.95 0.00	45.96 0.87 0.00	41.83 0.93 0.00	50.54 1.05 0.00	50.22 1.16 0.00	65.15 1.49 0.00	61.47 1.48 0.00	49.61 1.30 0.00	56.72 1.51 0.00	52.34 1.52 0.00	50.50 1.46 0.00	47.70 1.57 0.00	52.22 1.83 0.00	51.74 1.88 0.00	57.29 2.31 0.00	58.40 2.27 0.00	67.62 2.53 0.00	68.44 2.41 0.00	50.40 1.71 0.00	43.18 1.35 0.00	42.83 1.34 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	39.43 1.32 1.75	42.96 1.12 0.82	44.40 0.89 0.06	52.43 0.93 0.00	45.76 0.67 0.00	40.27 0.55 1.18	49.89 0.54 0.14	49.86 1.15 0.35	63.93 2.17 1.90	58.26 2.66 4.38	55.12 2.74 -4.07	58.59 2.95 -0.43	56.52 2.94 -2.76	56.48 3.14 -4.30	54.52 3.06 -5.34	55.85 3.16 -2.30	55.58 2.82 -2.90	64.34 3.15 -6.21	63.38 3.03 -4.22	71.59 3.25 -3.24	72.80 3.40 -3.37	57.37 2.37 -6.31	51.68 2.07 -7.79	48.86 2.07 -5.30

BRISTLHL_115KV_TB1 79998	39.23 -0.63 0.00	41.89 -0.77 0.00	42.78 -0.79 0.00	50.59 -0.91 0.00	44.29 -0.80 0.00	40.23 -0.67 0.00	48.77 -0.73 0.00	48.47 -0.59 0.00	62.72 -0.93 0.00	58.90 -1.09 0.00	47.36 -0.95 0.00	54.15 -1.06 0.00	49.80 -1.02 0.00	48.02 -1.02 0.00	45.10 -1.03 0.00	49.29 -1.10 0.00	48.86 -0.99 0.00	53.95 -1.04 0.00	55.10 -1.02 0.00	64.09 -1.00 0.00	65.07 -0.97 0.00	47.92 -0.77 0.00	41.16 -0.67 0.00	40.78 -0.71 0.00
BROOKHAVEN___DRP 24191	38.23 0.65 2.27	41.99 0.39 1.07	43.65 0.16 0.07	51.56 0.06 0.00	44.95 -0.13 0.00	39.13 -0.24 1.53	48.78 -0.53 0.18	48.74 0.13 0.44	62.02 0.79 2.42	55.71 1.15 5.43	52.71 1.62 -2.78	56.42 1.63 0.42	54.45 1.72 -1.91	54.34 2.04 -3.26	52.15 2.17 -3.86	54.14 2.22 -1.53	53.69 1.84 -2.00	61.80 2.11 -4.70	61.42 2.04 -3.26	69.74 2.34 -2.31	70.81 2.27 -2.51	55.20 1.57 -4.94	49.27 1.33 -6.11	46.79 1.33 -3.97
BROOKLYN_NAVY_YARD 23515	40.68 0.83 0.00	43.31 0.65 0.00	44.11 0.54 0.00	50.15 0.68 2.04	45.61 0.52 0.00	41.46 0.56 0.00	50.05 0.98 0.42	50.78 1.72 0.00	65.97 2.32 0.00	64.40 2.92 -1.49	51.86 2.67 -0.88	58.20 3.00 0.00	54.02 2.81 -0.40	52.23 2.96 -0.24	49.99 2.84 -1.03	53.52 3.01 -0.13	52.70 2.85 0.00	58.30 3.20 -0.12	59.41 3.13 -0.15	69.30 3.64 -0.58	69.76 3.45 -0.28	50.90 2.19 -0.03	43.73 1.89 0.00	43.10 1.60 0.00
BROOKLYN___ARMY_DRP 323595	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
BROOKVLE_69_KV_TB1 55790	46.49 1.41 -5.22	46.40 1.30 -2.44	44.88 1.14 -0.18	52.78 1.27 -0.01	46.16 1.06 -0.01	45.43 1.02 -3.51	51.25 1.36 -0.39	51.98 1.99 -0.94	71.69 2.99 -5.05	73.77 3.43 -10.34	75.71 3.15 -24.25	71.64 3.53 -12.90	70.23 3.33 -16.09	73.12 3.42 -20.66	78.33 3.30 -28.90	67.99 3.49 -14.11	69.95 3.25 -16.84	88.60 3.70 -29.91	79.18 3.67 -19.39	87.26 4.15 -18.02	87.04 4.05 -16.95	79.39 2.75 -27.95	78.45 2.31 -34.31	69.72 2.18 -26.05
BROOME_2_LFGE 323671	40.10 0.25 0.00	42.74 0.07 0.00	43.75 0.18 0.00	51.73 0.23 0.00	45.24 0.16 0.00	40.91 0.01 0.00	49.54 0.04 0.00	49.32 0.26 0.00	63.90 0.25 0.00	60.21 0.22 0.00	48.61 0.31 0.00	55.64 0.43 0.00	51.11 0.29 0.00	49.25 0.21 0.00	46.29 0.17 0.00	50.48 0.09 0.00	49.89 0.04 0.00	54.98 -0.01 0.00	56.25 0.13 0.00	65.14 0.06 0.00	66.11 0.07 0.00	48.72 0.03 0.00	41.89 0.06 0.00	41.59 0.10 0.00
BROOME___LFGE 323600	40.10 0.25 0.00	42.74 0.07 0.00	43.75 0.18 0.00	51.73 0.23 0.00	45.24 0.16 0.00	40.91 0.01 0.00	49.54 0.04 0.00	49.32 0.26 0.00	63.90 0.25 0.00	60.21 0.22 0.00	48.61 0.31 0.00	55.64 0.43 0.00	51.11 0.29 0.00	49.25 0.21 0.00	46.29 0.17 0.00	50.48 0.09 0.00	49.89 0.04 0.00	54.98 -0.01 0.00	56.25 0.13 0.00	65.14 0.06 0.00	66.11 0.07 0.00	48.72 0.03 0.00	41.89 0.06 0.00	41.59 0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	39.71 -0.14 0.00	42.73 0.06 0.00	43.62 0.05 0.00	51.56 0.05 0.00	45.13 0.04 0.00	41.02 0.12 0.00	49.85 0.36 0.00	49.11 0.06 0.00	63.05 -0.60 0.00	58.62 -1.37 0.00	46.74 -1.57 0.00	53.61 -1.60 0.00	49.39 -1.42 0.00	47.39 -1.65 0.00	44.45 -1.68 0.00	48.60 -1.79 0.00	48.16 -1.70 0.00	53.10 -1.89 0.00	54.51 -1.62 0.00	64.09 -1.01 0.00	65.16 -0.87 0.00	47.78 -0.91 0.00	41.28 -0.56 0.00	40.76 -0.73 0.00
BROWNSV1_27_KV_LOAD 356125	41.22 1.36 0.00	43.85 1.19 0.00	44.73 1.16 0.00	52.93 1.42 0.00	46.25 1.17 0.00	42.06 1.16 0.00	51.26 1.77 0.00	51.45 2.39 0.00	66.81 3.16 0.00	63.71 3.72 0.00	51.62 3.31 0.00	58.97 3.76 0.00	54.34 3.52 0.00	52.66 3.62 0.00	49.58 3.46 0.00	54.07 3.68 0.00	53.38 3.52 0.00	58.96 3.97 0.00	60.03 3.90 0.00	69.62 4.52 0.00	70.41 4.37 0.00	51.58 2.89 0.00	44.27 2.44 0.00	43.65 2.16 0.00
BURROWS___LYONSDAL 23803	40.40 0.54 0.00	43.29 0.63 0.00	44.22 0.65 0.00	52.27 0.77 0.00	45.75 0.66 0.00	41.62 0.72 0.00	50.67 1.17 0.00	50.22 1.16 0.00	64.65 0.99 0.00	60.32 0.34 0.00	48.27 -0.04 0.00	55.21 0.00 0.00	50.80 -0.02 0.00	48.86 -0.17 0.00	45.92 -0.20 0.00	50.25 -0.14 0.00	49.85 -0.01 0.00	55.02 0.03 0.00	56.47 0.34 0.00	66.03 0.94 0.00	66.94 0.91 0.00	49.04 0.34 0.00	42.32 0.48 0.00	41.64 0.15 0.00
CAITHNESS_CC_1 323624	38.26 0.68 2.29	42.04 0.44 1.07	43.70 0.21 0.07	51.60 0.10 0.00	45.00 -0.08 0.00	39.19 -0.17 1.53	48.86 -0.45 0.18	48.80 0.19 0.45	62.11 0.88 2.43	55.83 1.29 5.46	52.79 1.73 -2.75	56.54 1.77 0.44	54.53 1.83 -1.89	54.44 2.16 -3.24	52.19 2.24 -3.83	54.19 2.28 -1.51	53.72 1.89 -1.98	61.80 2.14 -4.67	61.45 2.09 -3.24	69.74 2.37 -2.29	70.82 2.30 -2.49	55.20 1.60 -4.91	49.25 1.35 -6.07	46.80 1.37 -3.94
CALPINE BETH_PAGE_GT4 24209	44.77 1.43 -3.48	45.57 1.28 -1.63	44.75 1.06 -0.12	52.64 1.13 -0.01	46.01 0.92 -0.01	44.07 0.83 -2.35	50.59 0.85 -0.25	51.13 1.48 -0.60	69.36 2.50 -3.20	68.79 2.97 -5.83	67.88 2.79 -16.78	67.18 3.08 -8.90	64.90 2.86 -11.22	66.66 2.99 -14.63	69.10 2.90 -20.08	63.37 3.05 -9.93	64.53 2.74 -11.93	79.41 3.13 -21.29	72.99 3.08 -13.79	81.08 3.46 -12.54	81.40 3.42 -11.95	71.08 2.37 -20.02	68.57 2.15 -24.59	62.38 2.09 -18.80
CALPINE_BETH_PAGE_GT_4 323586	44.77 1.42 -3.48	45.58 1.28 -1.63	44.73 1.05 -0.12	52.62 1.11 -0.01	45.99 0.90 -0.01	44.07 0.83 -2.35	50.59 0.85 -0.25	51.13 1.48 -0.60	69.36 2.50 -3.20	68.80 2.98 -5.83	67.89 2.80 -16.78	67.19 3.08 -8.90	64.89 2.85 -11.22	66.67 3.00 -14.63	69.11 2.91 -20.08	63.37 3.05 -9.93	64.54 2.75 -11.93	79.39 3.12 -21.29	73.00 3.08 -13.79	81.08 3.46 -12.54	81.39 3.41 -11.95	71.07 2.36 -20.02	68.55 2.13 -24.59	62.38 2.09 -18.80
CALPINE_BP_GT1 23823	44.77 1.42 -3.48	45.58 1.28 -1.63	44.73 1.05 -0.12	52.62 1.11 -0.01	45.99 0.90 -0.01	44.07 0.83 -2.35	50.59 0.85 -0.25	51.13 1.48 -0.60	69.36 2.50 -3.20	68.80 2.98 -5.83	67.89 2.80 -16.78	67.19 3.08 -8.90	64.89 2.85 -11.22	66.67 3.00 -14.63	69.11 2.91 -20.08	63.37 3.05 -9.93	64.54 2.75 -11.93	79.39 3.12 -21.29	73.00 3.08 -13.79	81.08 3.46 -12.54	81.39 3.41 -11.95	71.07 2.36 -20.02	68.55 2.13 -24.59	62.38 2.09 -18.80
CALSPAN___DRP 24200	38.85 -1.01 0.00	41.38 -1.29 0.00	42.29 -1.28 0.00	49.97 -1.54 0.00	43.66 -1.42 0.00	39.06 -1.85 0.00	46.90 -2.59 0.00	46.67 -2.39 0.00	60.73 -2.93 0.00	56.96 -2.90 0.13	45.59 -2.72 0.00	52.06 -3.15 0.00	47.85 -2.97 0.00	45.80 -3.24 0.00	42.83 -3.27 0.02	46.92 -3.47 0.00	45.87 -3.16 0.83	49.10 -4.24 1.65	51.81 -4.31 0.00	53.91 -5.09 6.08	51.53 -4.77 9.73	37.29 -3.27 8.13	32.73 -2.36 6.74	34.19 -1.62 5.69

CALVERTON___SOLAR 323806	38.25 0.66 2.27	42.03 0.43 1.06	43.69 0.19 0.07	51.60 0.10 0.00	44.97 -0.12 0.00	39.13 -0.24 1.52	48.75 -0.56 0.18	48.75 0.13 0.44	62.02 0.78 2.42	55.69 1.12 5.42	52.72 1.62 -2.79	56.40 1.60 0.42	54.41 1.68 -1.92	54.35 2.04 -3.27	52.17 2.17 -3.87	54.17 2.24 -1.54	53.70 1.84 -2.00	61.78 2.08 -4.72	61.43 2.03 -3.27	69.74 2.33 -2.32	70.80 2.25 -2.51	55.22 1.58 -4.95	49.26 1.30 -6.12	46.79 1.33 -3.98
CANDIGU_WT_PWR 323617	39.81 -0.05 0.00	42.30 -0.36 0.00	43.35 -0.22 0.00	51.26 -0.24 0.00	44.84 -0.25 0.00	40.31 -0.59 0.00	48.68 -0.81 0.00	48.44 -0.62 0.00	62.19 -1.46 0.00	58.25 -1.79 -0.05	46.90 -1.41 0.00	53.73 -1.48 0.00	49.36 -1.46 0.00	47.30 -1.74 0.00	43.91 -1.95 0.27	48.10 -2.30 0.00	37.94 -2.36 9.55	33.45 -2.49 19.05	53.97 -2.16 0.00	-7.87 -2.67 70.29	-49.27 -2.90 112.40	-47.65 -2.43 93.91	-38.46 -2.41 77.88	-26.41 -2.25 65.65
CARR STREET_E_SYR 24060	39.58 -0.28 0.00	42.24 -0.42 0.00	43.17 -0.40 0.00	51.03 -0.48 0.00	44.69 -0.40 0.00	40.56 -0.34 0.00	49.17 -0.33 0.00	48.88 -0.17 0.00	63.36 -0.30 0.00	59.54 -0.44 0.00	47.91 -0.40 0.00	54.80 -0.41 0.00	50.38 -0.44 0.00	48.56 -0.48 0.00	45.63 -0.49 0.00	49.85 -0.54 0.00	49.33 -0.52 0.00	54.35 -0.64 0.00	55.54 -0.59 0.00	64.46 -0.63 0.00	65.59 -0.44 0.00	48.32 -0.37 0.00	41.50 -0.33 0.00	41.16 -0.33 0.00
CARTHAGE___PAPER 23857	40.50 0.64 0.00	43.46 0.79 0.00	44.37 0.80 0.00	52.45 0.94 0.00	45.91 0.82 0.00	41.81 0.91 0.00	51.04 1.55 0.00	50.45 1.39 0.00	64.26 0.61 0.00	59.33 -0.66 0.00	47.20 -1.11 0.00	54.09 -1.12 0.00	49.84 -0.98 0.00	47.80 -1.23 0.00	44.86 -1.27 0.00	49.04 -1.35 0.00	48.65 -1.20 0.00	53.60 -1.39 0.00	55.49 -0.64 0.00	65.81 0.72 0.00	66.86 0.82 0.00	48.76 0.07 0.00	42.15 0.32 0.00	41.35 -0.13 0.00
CASSADAGA_WT_PWR 323784	40.63 0.77 0.00	43.18 0.51 0.00	44.38 0.81 0.00	52.41 0.90 0.00	45.79 0.70 0.00	41.04 0.14 0.00	49.64 0.14 0.00	49.43 0.37 0.00	64.22 0.57 0.00	59.94 0.02 0.07	48.26 -0.05 0.00	55.38 0.17 0.00	50.85 0.04 0.00	48.58 -0.45 0.00	45.38 -0.74 0.01	49.15 -1.24 0.00	47.90 -1.48 0.48	51.36 -2.68 0.95	52.31 -3.81 0.00	56.29 -5.30 3.50	55.39 -5.03 5.61	40.28 -3.73 4.69	35.24 -2.70 3.89	36.37 -1.85 3.28
CE_DUNWOOD___DRP 24194	40.68 0.82 0.00	43.35 0.68 0.00	44.18 0.62 0.00	52.26 0.75 0.00	45.68 0.59 0.00	41.51 0.61 0.00	50.49 0.99 0.00	50.63 1.57 0.00	65.81 2.15 0.00	62.60 2.61 0.00	50.76 2.45 0.00	57.98 2.77 0.00	53.42 2.60 0.00	51.75 2.72 0.00	48.75 2.63 0.00	53.16 2.77 0.00	52.48 2.62 0.00	57.98 3.00 0.00	59.06 2.93 0.00	68.45 3.36 0.00	69.21 3.18 0.00	50.81 2.12 0.00	43.61 1.78 0.00	43.04 1.55 0.00
CE_MILLWOOD___DRP 24193	40.55 0.69 0.00	43.22 0.55 0.00	44.07 0.50 0.00	52.14 0.63 0.00	45.58 0.49 0.00	41.39 0.49 0.00	50.35 0.86 0.00	50.46 1.40 0.00	65.58 1.93 0.00	62.36 2.38 0.00	50.56 2.25 0.00	57.76 2.55 0.00	53.21 2.40 0.00	51.54 2.50 0.00	48.55 2.43 0.00	52.93 2.54 0.00	52.24 2.39 0.00	57.75 2.77 0.00	58.83 2.70 0.00	68.18 3.09 0.00	68.92 2.89 0.00	50.62 1.93 0.00	43.45 1.61 0.00	42.88 1.39 0.00
CE_NYC2_DRP 24202	40.99 1.13 0.00	43.63 0.96 0.00	44.42 0.85 0.00	52.55 1.05 0.00	45.94 0.85 0.00	41.76 0.86 0.00	50.91 1.37 -0.04	51.37 2.12 -0.20	66.52 2.84 -0.02	72.87 3.38 -9.50	74.94 3.05 -23.58	83.72 3.44 -25.07	83.90 3.22 -29.86	69.83 3.33 -17.46	68.04 3.19 -18.73	68.63 3.38 -14.86	74.50 3.22 -21.42	62.74 3.64 -4.11	60.47 3.57 -0.78	69.21 4.12 0.00	69.94 3.91 0.00	51.49 2.60 -0.20	46.48 2.19 -2.47	43.41 1.91 -0.01
CE_NYC_DRP 24195	40.89 1.03 0.00	43.54 0.88 0.00	44.34 0.78 0.00	52.47 0.96 0.00	45.85 0.76 0.00	41.68 0.77 0.00	50.74 1.25 0.00	50.99 1.93 0.00	66.27 2.62 0.00	63.19 3.21 0.00	51.20 2.89 0.00	58.48 3.27 0.00	53.88 3.06 0.00	52.22 3.18 0.00	49.17 3.05 0.00	53.62 3.23 0.00	52.92 3.07 0.00	58.46 3.47 0.00	59.52 3.39 0.00	69.02 3.93 0.00	69.78 3.75 0.00	51.14 2.45 0.00	43.90 2.07 0.00	43.29 1.80 0.00
CHAFFEE___LFGE 323603	40.09 0.23 0.00	42.61 -0.05 0.00	43.73 0.16 0.00	51.82 0.31 0.00	45.15 0.06 0.00	40.37 -0.54 0.00	48.58 -0.92 0.00	48.37 -0.69 0.00	62.71 -0.95 0.00	58.72 -1.27 0.00	47.47 -0.84 0.00	54.36 -0.85 0.00	50.16 -0.66 0.00	48.29 -0.75 0.00	45.24 -0.88 0.00	49.23 -1.16 0.00	48.44 -1.42 0.00	53.03 -1.96 0.00	54.28 -1.85 0.00	62.93 -2.16 0.00	64.15 -1.88 0.00	47.31 -1.38 0.00	40.98 -0.86 0.00	41.29 -0.20 0.00
CHATEAUG_35_KV_LOAD 355732	41.13 1.27 0.00	44.24 1.58 0.00	45.09 1.52 0.00	53.19 1.68 0.00	46.56 1.47 0.00	42.09 1.18 0.00	50.81 1.31 0.00	50.03 0.97 0.00	64.98 1.33 0.00	60.59 0.61 0.00	48.45 0.14 0.00	55.43 0.22 0.00	51.13 0.31 0.00	49.33 0.30 0.00	46.34 0.22 0.00	50.60 0.21 0.00	50.07 0.21 0.00	54.95 -0.04 0.00	55.58 -0.55 0.00	64.82 -0.27 0.00	66.13 0.09 0.00	49.12 0.43 0.00	42.39 0.56 0.00	42.34 0.85 0.00
CHATEAUG_WT_PWR 323614	41.09 1.23 0.00	44.18 1.51 0.00	45.01 1.45 0.00	53.10 1.60 0.00	46.49 1.40 0.00	42.04 1.14 0.00	50.76 1.27 0.00	50.02 0.96 0.00	64.95 1.29 0.00	60.55 0.57 0.00	48.46 0.15 0.00	55.43 0.22 0.00	51.13 0.31 0.00	49.33 0.29 0.00	46.34 0.22 0.00	50.62 0.22 0.00	50.08 0.22 0.00	54.98 -0.01 0.00	55.64 -0.49 0.00	64.87 -0.22 0.00	66.14 0.11 0.00	49.11 0.42 0.00	42.38 0.55 0.00	42.31 0.82 0.00
CHAT_HIGH_FALL_HYD 323578	41.13 1.27 0.00	44.24 1.58 0.00	45.09 1.52 0.00	53.19 1.68 0.00	46.56 1.47 0.00	42.09 1.18 0.00	50.81 1.31 0.00	50.03 0.97 0.00	64.98 1.33 0.00	60.59 0.61 0.00	48.45 0.14 0.00	55.43 0.22 0.00	51.13 0.31 0.00	49.33 0.30 0.00	46.34 0.22 0.00	50.60 0.21 0.00	50.07 0.21 0.00	54.95 -0.04 0.00	55.58 -0.55 0.00	64.82 -0.27 0.00	66.13 0.09 0.00	49.12 0.43 0.00	42.39 0.56 0.00	42.34 0.85 0.00
CHAUTAUQUA___LFGE 323629	40.15 0.30 0.00	42.65 -0.02 0.00	43.86 0.29 0.00	51.78 0.27 0.00	45.23 0.14 0.00	40.47 -0.43 0.00	48.87 -0.63 0.00	48.65 -0.42 0.00	63.15 -0.50 0.00	58.93 -0.96 0.10	47.44 -0.88 0.00	54.54 -0.67 0.00	50.13 -0.69 0.00	47.95 -1.09 0.00	44.86 -1.25 0.02	48.52 -1.87 0.00	47.05 -2.15 0.66	50.49 -3.18 1.31	52.37 -3.75 0.00	55.53 -4.72 4.84	53.81 -4.48 7.75	39.04 -3.18 6.47	34.21 -2.26 5.37	35.39 -1.57 4.52
CHERRYST_13_KV_LD 356241	41.00 1.14 0.00	43.66 0.99 0.00	44.47 0.89 0.00	52.62 1.12 0.00	45.99 0.89 0.00	41.81 0.91 0.00	50.91 1.42 0.00	51.18 2.12 0.00	66.51 2.85 0.00	63.43 3.45 0.00	51.40 3.09 0.00	58.72 3.50 0.00	54.09 3.27 0.00	52.42 3.38 0.00	49.35 3.23 0.00	53.81 3.42 0.00	53.13 3.27 0.00	58.68 3.70 0.00	59.71 3.59 0.00	69.24 4.15 0.00	70.00 3.97 0.00	51.28 2.59 0.00	44.02 2.19 0.00	43.41 1.92 0.00

CHESTROR_138KV_BK263 355645	40.30 0.45 0.00	42.99 0.32 0.00	43.88 0.31 0.00	51.90 0.40 0.00	45.40 0.31 0.00	41.20 0.30 0.00	50.08 0.58 0.00	50.10 1.04 0.00	65.10 1.44 0.00	61.76 1.77 0.00	50.06 1.76 0.00	57.20 1.99 0.00	52.68 1.87 0.00	50.98 1.94 0.00	48.02 1.90 0.00	52.35 1.96 0.00	51.68 1.83 0.00	57.15 2.16 0.00	58.24 2.11 0.00	67.49 2.40 0.00	68.24 2.21 0.00	50.19 1.50 0.00	43.06 1.23 0.00	42.52 1.03 0.00
CH_MIDHUDSON___DRP 24192	40.61 0.75 0.00	43.29 0.63 0.00	44.15 0.58 0.00	52.20 0.69 0.00	45.65 0.57 0.00	41.48 0.58 0.00	50.45 0.96 0.00	50.52 1.46 0.00	65.69 2.03 0.00	62.38 2.39 0.00	50.57 2.26 0.00	57.76 2.54 0.00	53.18 2.36 0.00	51.50 2.46 0.00	48.51 2.38 0.00	52.93 2.54 0.00	52.28 2.42 0.00	57.81 2.82 0.00	58.93 2.80 0.00	68.26 3.17 0.00	69.02 2.99 0.00	50.73 2.04 0.00	43.49 1.66 0.00	42.93 1.44 0.00
CH_MISC_IPPS 23765	40.81 0.95 0.00	43.50 0.84 0.00	44.37 0.79 0.00	52.46 0.95 0.00	45.89 0.80 0.00	41.70 0.80 0.00	50.74 1.25 0.00	50.83 1.77 0.00	66.08 2.42 0.00	62.73 2.74 0.00	50.86 2.55 0.00	58.10 2.89 0.00	53.49 2.68 0.00	51.80 2.76 0.00	48.79 2.66 0.00	53.22 2.83 0.00	52.56 2.71 0.00	58.13 3.15 0.00	59.26 3.13 0.00	68.65 3.56 0.00	69.42 3.38 0.00	51.00 2.31 0.00	43.72 1.89 0.00	43.13 1.64 0.00
CH_RES_BVR_FALLS 23983	40.08 0.22 0.00	43.12 0.45 0.00	44.03 0.46 0.00	52.03 0.52 0.00	45.56 0.47 0.00	41.27 0.37 0.00	49.87 0.37 0.00	49.21 0.15 0.00	63.86 0.21 0.00	60.02 0.03 0.00	48.14 -0.17 0.00	55.04 -0.17 0.00	50.69 -0.13 0.00	48.85 -0.19 0.00	45.92 -0.20 0.00	50.14 -0.25 0.00	49.60 -0.26 0.00	54.58 -0.40 0.00	55.65 -0.48 0.00	64.69 -0.40 0.00	65.70 -0.33 0.00	48.37 -0.32 0.00	41.62 -0.21 0.00	41.29 -0.20 0.00
CH_RES_NIAGARA 23895	37.70 -2.16 0.00	40.19 -2.47 0.00	41.04 -2.53 0.00	48.49 -3.02 0.00	42.33 -2.76 0.00	37.77 -3.13 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.09 -5.57 0.00	54.50 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.70 -5.11 0.00	43.76 -5.28 0.00	40.78 -5.32 0.03	44.75 -5.64 0.00	43.57 -5.25 1.04	46.11 -6.80 2.08	49.26 -6.87 0.00	49.40 -8.02 7.67	46.08 -7.68 12.27	33.12 -5.31 10.25	29.35 -3.98 8.50	31.29 -3.03 7.17
CH_RES_SYRACUSE 23985	39.83 -0.03 0.00	42.50 -0.16 0.00	43.48 -0.09 0.00	51.38 -0.13 0.00	45.02 -0.07 0.00	40.87 -0.04 0.00	49.55 0.05 0.00	49.25 0.19 0.00	63.76 0.10 0.00	59.85 -0.14 0.00	48.17 -0.14 0.00	55.09 -0.12 0.00	50.66 -0.17 0.00	48.80 -0.24 0.00	45.86 -0.27 0.00	50.11 -0.28 0.00	49.70 -0.15 0.00	54.95 -0.04 0.00	56.23 0.10 0.00	65.27 0.18 0.00	66.06 0.02 0.00	48.66 -0.03 0.00	41.76 -0.07 0.00	41.42 -0.07 0.00
CLINTON_WT_PWR 323605	41.09 1.23 0.00	44.18 1.51 0.00	45.01 1.45 0.00	53.10 1.60 0.00	46.49 1.40 0.00	42.04 1.14 0.00	50.76 1.27 0.00	50.02 0.96 0.00	64.95 1.29 0.00	60.55 0.57 0.00	48.46 0.15 0.00	55.43 0.22 0.00	51.13 0.31 0.00	49.33 0.29 0.00	46.34 0.22 0.00	50.62 0.22 0.00	50.08 0.22 0.00	54.98 -0.01 0.00	55.64 -0.49 0.00	64.87 -0.22 0.00	66.14 0.11 0.00	49.11 0.42 0.00	42.38 0.55 0.00	42.31 0.82 0.00
CLINTON___LFGE 323618	41.80 1.95 0.00	44.88 2.22 0.00	45.70 2.13 0.00	53.83 2.32 0.00	47.13 2.04 0.00	42.63 1.73 0.00	51.53 2.04 0.00	50.87 1.81 0.00	65.85 2.20 0.00	61.20 1.21 0.00	49.03 0.72 0.00	56.07 0.85 0.00	51.76 0.94 0.00	50.04 1.00 0.00	47.04 0.91 0.00	51.31 0.92 0.00	50.78 0.93 0.00	55.82 0.83 0.00	56.70 0.58 0.00	66.06 0.97 0.00	67.24 1.20 0.00	49.99 1.30 0.00	43.16 1.33 0.00	43.08 1.59 0.00
COBBLENY_34_KV_TB1 80064	40.09 0.23 0.00	42.61 -0.06 0.00	43.72 0.15 0.00	51.81 0.30 0.00	45.14 0.05 0.00	40.36 -0.54 0.00	48.57 -0.93 0.00	48.38 -0.68 0.00	62.70 -0.96 0.00	58.73 -1.26 0.00	47.47 -0.84 0.00	54.36 -0.85 0.00	50.13 -0.69 0.00	48.29 -0.75 0.00	45.23 -0.90 0.00	49.22 -1.17 0.00	48.44 -1.42 0.00	53.03 -1.96 0.00	54.30 -1.82 0.00	62.89 -2.20 0.00	64.09 -1.95 0.00	47.25 -1.44 0.00	40.93 -0.90 0.00	41.24 -0.25 0.00
COFFEEN___115KV_TB3 355620	40.45 0.59 0.00	43.33 0.66 0.00	44.22 0.65 0.00	52.28 0.78 0.00	45.75 0.66 0.00	41.72 0.82 0.00	51.03 1.54 0.00	50.51 1.45 0.00	64.01 0.35 0.00	58.84 -1.15 0.00	46.71 -1.61 0.00	53.54 -1.67 0.00	49.32 -1.50 0.00	47.30 -1.73 0.00	44.34 -1.78 0.00	48.46 -1.93 0.00	48.09 -1.77 0.00	52.98 -2.01 0.00	55.20 -0.92 0.00	65.98 0.89 0.00	67.13 1.10 0.00	48.88 0.19 0.00	42.20 0.36 0.00	41.32 -0.17 0.00
COLDSPRG_115KV_BK1 355956	40.94 1.08 0.00	43.50 0.84 0.00	44.67 1.10 0.00	52.82 1.31 0.00	46.09 1.00 0.00	41.32 0.42 0.00	49.95 0.45 0.00	49.76 0.70 0.00	64.61 0.95 0.00	60.40 0.44 0.03	48.69 0.38 0.00	55.80 0.58 0.00	51.31 0.49 0.00	49.17 0.13 0.00	45.96 -0.16 0.00	49.90 -0.49 0.00	48.97 -0.69 0.19	53.10 -1.51 0.38	54.30 -1.82 0.00	61.25 -2.45 1.39	61.65 -2.15 2.24	45.21 -1.61 1.87	39.32 -0.97 1.55	39.94 -0.24 1.31
COLONIE_LFGE___ 323577	40.05 0.19 0.00	42.83 0.16 0.00	43.66 0.09 0.00	51.63 0.12 0.00	45.20 0.11 0.00	41.13 0.23 0.00	49.64 0.15 0.00	49.34 0.28 0.00	64.14 0.49 0.00	60.67 0.68 0.00	49.01 0.70 0.00	55.97 0.76 0.00	51.54 0.72 0.00	49.82 0.78 0.00	46.98 0.86 0.00	51.42 1.03 0.00	50.96 1.10 0.00	56.37 1.38 0.00	57.38 1.26 0.00	66.42 1.33 0.00	67.25 1.21 0.00	49.63 0.94 0.00	42.54 0.71 0.00	42.19 0.70 0.00
COOPERNY_115KV_TB1 80082	40.17 0.31 0.00	42.88 0.22 0.00	43.78 0.21 0.00	51.78 0.27 0.00	45.31 0.22 0.00	41.09 0.19 0.00	49.88 0.39 0.00	49.79 0.73 0.00	64.64 0.99 0.00	61.22 1.24 0.00	49.58 1.27 0.00	56.65 1.44 0.00	52.17 1.35 0.00	50.43 1.39 0.00	47.50 1.37 0.00	51.80 1.42 0.00	51.15 1.30 0.00	56.50 1.51 0.00	57.64 1.51 0.00	66.77 1.68 0.00	67.58 1.55 0.00	49.76 1.07 0.00	42.72 0.88 0.00	42.22 0.73 0.00
COPENHAGEN_WT_PWR 323753	40.15 0.29 0.00	43.04 0.37 0.00	43.93 0.37 0.00	51.96 0.45 0.00	45.43 0.34 0.00	41.38 0.48 0.00	50.56 1.07 0.00	50.05 0.99 0.00	63.69 0.03 0.00	58.82 -1.17 0.00	46.81 -1.50 0.00	53.65 -1.56 0.00	49.40 -1.42 0.00	47.38 -1.66 0.00	44.41 -1.72 0.00	48.53 -1.86 0.00	48.16 -1.69 0.00	53.02 -1.97 0.00	54.97 -1.16 0.00	65.26 0.17 0.00	66.29 0.25 0.00	48.20 -0.49 0.00	41.71 -0.12 0.00	40.80 -0.68 0.00
CORNELL_____ 23752	40.60 0.75 0.00	43.28 0.61 0.00	44.31 0.74 0.00	52.36 0.86 0.00	45.96 0.87 0.00	41.69 0.78 0.00	50.62 1.13 0.00	50.40 1.34 0.00	65.20 1.55 0.00	61.08 1.03 -0.07	48.99 0.68 0.00	55.97 0.76 0.00	51.30 0.48 0.00	49.28 0.24 0.00	46.42 0.28 -0.01	50.63 0.23 0.00	50.64 0.35 -0.44	56.41 0.56 -0.87	57.07 0.94 0.00	69.56 1.27 -3.20	72.40 1.30 -5.07	53.84 0.92 -4.24	46.04 0.70 -3.51	45.12 0.68 -2.96

CORONA_69_KV_TB1 355595	67.02 1.44 -25.71	56.00 1.30 -12.03	45.54 1.08 -0.88	52.73 1.17 -0.05	46.11 0.97 -0.05	59.13 0.93 -17.30	52.96 1.22 -2.24	56.23 1.79 -5.37	95.51 2.84 -29.02	119.53 3.29 -56.26	125.62 3.01 -74.30	107.94 3.38 -49.35	103.67 3.19 -49.67	113.55 3.27 -61.24	135.53 3.14 -86.27	98.69 3.34 -44.95	106.46 3.15 -53.46	148.13 3.57 -89.58	116.53 3.54 -56.86	123.54 4.01 -54.44	120.73 4.03 -50.67	132.50 2.72 -81.09	143.65 2.25 -99.57	117.44 2.16 -73.78
CORTLAND_115KV_TB3 80093	40.25 0.40 0.00	42.94 0.28 0.00	43.92 0.35 0.00	51.93 0.42 0.00	45.48 0.39 0.00	41.24 0.34 0.00	50.05 0.56 0.00	49.81 0.75 0.00	64.49 0.83 0.00	60.60 0.61 0.00	48.74 0.43 0.00	55.70 0.49 0.00	51.14 0.32 0.00	49.21 0.17 0.00	46.30 0.18 0.00	50.57 0.18 0.00	50.20 0.35 0.00	55.60 0.61 0.00	56.96 0.84 0.00	66.09 1.00 0.00	66.81 0.78 0.00	49.21 0.52 0.00	42.25 0.42 0.00	41.86 0.37 0.00
COXSACKIE___GT 23611	40.88 1.02 0.00	43.66 0.99 0.00	44.53 0.97 0.00	52.68 1.17 0.00	46.21 1.12 0.00	42.15 1.25 0.00	51.13 1.63 0.00	51.03 1.97 0.00	66.44 2.79 0.00	62.73 2.74 0.00	50.51 2.20 0.00	57.72 2.51 0.00	52.95 2.13 0.00	51.22 2.18 0.00	48.12 2.00 0.00	52.78 2.39 0.00	52.38 2.53 0.00	58.04 3.05 0.00	59.18 3.06 0.00	68.62 3.53 0.00	69.36 3.33 0.00	51.09 2.41 0.00	43.68 1.85 0.00	43.14 1.65 0.00
CPV_VALLEY___CC1 323721	40.07 0.21 0.00	42.76 0.09 0.00	43.64 0.07 0.00	51.60 0.09 0.00	45.14 0.05 0.00	40.96 0.06 0.00	49.76 0.26 0.00	49.74 0.68 0.00	64.65 0.99 0.00	61.33 1.34 0.00	49.68 1.37 0.00	56.77 1.55 0.00	52.27 1.45 0.00	50.58 1.54 0.00	47.64 1.52 0.00	51.96 1.57 0.00	51.29 1.44 0.00	56.70 1.71 0.00	57.79 1.66 0.00	66.95 1.86 0.00	67.71 1.68 0.00	49.82 1.13 0.00	42.75 0.92 0.00	42.23 0.74 0.00
CPV_VALLEY___CC2 323722	40.07 0.21 0.00	42.76 0.09 0.00	43.64 0.07 0.00	51.60 0.09 0.00	45.14 0.05 0.00	40.96 0.06 0.00	49.76 0.26 0.00	49.74 0.68 0.00	64.65 0.99 0.00	61.33 1.34 0.00	49.68 1.37 0.00	56.77 1.55 0.00	52.27 1.45 0.00	50.58 1.54 0.00	47.64 1.52 0.00	51.96 1.57 0.00	51.29 1.44 0.00	56.70 1.71 0.00	57.79 1.66 0.00	66.95 1.86 0.00	67.71 1.68 0.00	49.82 1.13 0.00	42.75 0.92 0.00	42.23 0.74 0.00
CRESCENT___HYD 24018	40.05 0.19 0.00	42.83 0.16 0.00	43.66 0.09 0.00	51.63 0.12 0.00	45.20 0.11 0.00	41.13 0.23 0.00	49.64 0.15 0.00	49.34 0.28 0.00	64.14 0.49 0.00	60.67 0.68 0.00	49.01 0.70 0.00	55.97 0.76 0.00	51.54 0.72 0.00	49.82 0.78 0.00	46.98 0.86 0.00	51.42 1.03 0.00	50.96 1.10 0.00	56.37 1.38 0.00	57.38 1.26 0.00	66.42 1.33 0.00	67.25 1.21 0.00	49.63 0.94 0.00	42.54 0.71 0.00	42.19 0.70 0.00
CRICKET___VALLEY_CC1 323756	40.08 0.22 0.00	42.75 0.08 0.00	43.57 0.00 0.00	51.47 -0.03 0.00	44.99 -0.10 0.00	40.93 0.03 0.00	49.73 0.23 0.00	49.78 0.72 0.00	64.73 1.07 0.00	61.50 1.51 0.00	49.82 1.52 0.00	56.89 1.67 0.00	52.38 1.56 0.00	50.76 1.72 0.00	47.84 1.72 0.00	52.22 1.83 0.00	51.63 1.78 0.00	57.19 2.21 0.00	58.26 2.14 0.00	67.44 2.35 0.00	68.18 2.15 0.00	50.14 1.45 0.00	42.96 1.13 0.00	42.43 0.94 0.00
CRICKET___VALLEY_CC2 323757	40.08 0.22 0.00	42.75 0.08 0.00	43.57 0.00 0.00	51.47 -0.03 0.00	44.99 -0.10 0.00	40.93 0.03 0.00	49.73 0.23 0.00	49.78 0.72 0.00	64.73 1.07 0.00	61.50 1.51 0.00	49.82 1.52 0.00	56.89 1.67 0.00	52.38 1.56 0.00	50.76 1.72 0.00	47.84 1.72 0.00	52.22 1.83 0.00	51.63 1.78 0.00	57.19 2.21 0.00	58.26 2.14 0.00	67.44 2.35 0.00	68.18 2.15 0.00	50.14 1.45 0.00	42.96 1.13 0.00	42.43 0.94 0.00
CRICKET___VALLEY_CC3 323758	40.08 0.22 0.00	42.75 0.08 0.00	43.57 0.00 0.00	51.47 -0.03 0.00	44.99 -0.10 0.00	40.93 0.03 0.00	49.73 0.23 0.00	49.78 0.72 0.00	64.73 1.07 0.00	61.50 1.51 0.00	49.82 1.52 0.00	56.89 1.67 0.00	52.38 1.56 0.00	50.76 1.72 0.00	47.84 1.72 0.00	52.22 1.83 0.00	51.63 1.78 0.00	57.19 2.21 0.00	58.26 2.14 0.00	67.44 2.35 0.00	68.18 2.15 0.00	50.14 1.45 0.00	42.96 1.13 0.00	42.43 0.94 0.00
CRUCIBLE_METL_DRP 24180	39.83 -0.03 0.00	42.50 -0.16 0.00	43.47 -0.09 0.00	51.38 -0.13 0.00	45.02 -0.07 0.00	40.86 -0.04 0.00	49.55 0.05 0.00	49.25 0.19 0.00	63.76 0.10 0.00	59.85 -0.14 0.00	48.18 -0.13 0.00	55.09 -0.12 0.00	50.65 -0.17 0.00	48.80 -0.24 0.00	45.86 -0.27 0.00	50.10 -0.29 0.00	49.70 -0.15 0.00	54.94 -0.04 0.00	56.23 0.10 0.00	65.27 0.18 0.00	66.05 0.02 0.00	48.65 -0.04 0.00	41.76 -0.08 0.00	41.42 -0.07 0.00
DAHOWA___HYDRO 323763	40.79 0.93 0.00	43.61 0.94 0.00	44.49 0.92 0.00	52.57 1.07 0.00	46.08 0.99 0.00	41.94 1.04 0.00	50.69 1.20 0.00	50.37 1.31 0.00	65.32 1.66 0.00	61.63 1.65 0.00	49.72 1.41 0.00	56.85 1.64 0.00	52.48 1.66 0.00	50.65 1.61 0.00	47.85 1.73 0.00	52.40 2.01 0.00	51.92 2.06 0.00	57.52 2.54 0.00	58.61 2.48 0.00	67.85 2.75 0.00	68.68 2.65 0.00	50.55 1.86 0.00	43.29 1.46 0.00	42.95 1.46 0.00
DANC___LFGE 323619	39.70 -0.16 0.00	42.49 -0.17 0.00	43.39 -0.18 0.00	51.30 -0.21 0.00	44.89 -0.20 0.00	40.84 -0.06 0.00	49.76 0.26 0.00	49.33 0.27 0.00	63.16 -0.50 0.00	58.67 -1.32 0.00	46.86 -1.44 0.00	53.67 -1.55 0.00	49.38 -1.44 0.00	47.45 -1.58 0.00	44.52 -1.61 0.00	48.66 -1.73 0.00	48.26 -1.59 0.00	53.17 -1.82 0.00	54.86 -1.27 0.00	64.66 -0.43 0.00	65.69 -0.34 0.00	48.01 -0.68 0.00	41.41 -0.42 0.00	40.72 -0.77 0.00
DANSKAMMER___1 23586	40.81 0.95 0.00	43.50 0.84 0.00	44.37 0.79 0.00	52.46 0.95 0.00	45.89 0.80 0.00	41.70 0.80 0.00	50.74 1.25 0.00	50.83 1.77 0.00	66.08 2.42 0.00	62.73 2.74 0.00	50.86 2.55 0.00	58.10 2.89 0.00	53.49 2.68 0.00	51.80 2.76 0.00	48.79 2.66 0.00	53.22 2.83 0.00	52.56 2.71 0.00	58.13 3.15 0.00	59.26 3.13 0.00	68.65 3.56 0.00	69.42 3.38 0.00	51.00 2.31 0.00	43.72 1.89 0.00	43.13 1.64 0.00
DANSKAMMER___2 23589	40.81 0.95 0.00	43.50 0.84 0.00	44.37 0.79 0.00	52.46 0.95 0.00	45.89 0.80 0.00	41.70 0.80 0.00	50.74 1.25 0.00	50.83 1.77 0.00	66.08 2.42 0.00	62.73 2.74 0.00	50.86 2.55 0.00	58.10 2.89 0.00	53.49 2.68 0.00	51.80 2.76 0.00	48.79 2.66 0.00	53.22 2.83 0.00	52.56 2.71 0.00	58.13 3.15 0.00	59.26 3.13 0.00	68.65 3.56 0.00	69.42 3.38 0.00	51.00 2.31 0.00	43.72 1.89 0.00	43.13 1.64 0.00
DANSKAMMER___3 23590	40.81 0.95 0.00	43.50 0.84 0.00	44.37 0.79 0.00	52.46 0.95 0.00	45.89 0.80 0.00	41.70 0.80 0.00	50.74 1.25 0.00	50.83 1.77 0.00	66.08 2.42 0.00	62.73 2.74 0.00	50.86 2.55 0.00	58.10 2.89 0.00	53.49 2.68 0.00	51.80 2.76 0.00	48.79 2.66 0.00	53.22 2.83 0.00	52.56 2.71 0.00	58.13 3.15 0.00	59.26 3.13 0.00	68.65 3.56 0.00	69.42 3.38 0.00	51.00 2.31 0.00	43.72 1.89 0.00	43.13 1.64 0.00

DANSKAMMER___4 23591	40.81 0.95 0.00	43.50 0.84 0.00	44.37 0.79 0.00	52.46 0.95 0.00	45.89 0.80 0.00	41.70 0.80 0.00	50.74 1.25 0.00	50.83 1.77 0.00	66.08 2.42 0.00	62.73 2.74 0.00	50.86 2.55 0.00	58.10 2.89 0.00	53.49 2.68 0.00	51.80 2.76 0.00	48.79 2.66 0.00	53.22 2.83 0.00	52.56 2.71 0.00	58.13 3.15 0.00	59.26 3.13 0.00	68.65 3.56 0.00	69.42 3.38 0.00	51.00 2.31 0.00	43.72 1.89 0.00	43.13 1.64 0.00
DANSKAMMER___DIESEL 23592	40.81 0.95 0.00	43.50 0.84 0.00	44.37 0.80 0.00	52.46 0.95 0.00	45.89 0.80 0.00	41.71 0.81 0.00	50.74 1.25 0.00	50.83 1.77 0.00	66.08 2.42 0.00	62.72 2.73 0.00	50.86 2.55 0.00	58.11 2.89 0.00	53.50 2.69 0.00	51.80 2.76 0.00	48.79 2.67 0.00	53.23 2.84 0.00	52.57 2.71 0.00	58.13 3.15 0.00	59.26 3.13 0.00	68.67 3.57 0.00	69.42 3.39 0.00	51.01 2.32 0.00	43.73 1.90 0.00	43.14 1.64 0.00
DARBY___SOLAR 323810	40.76 0.90 0.00	43.57 0.91 0.00	44.46 0.89 0.00	52.55 1.04 0.00	46.04 0.95 0.00	41.89 1.00 0.00	50.64 1.15 0.00	50.32 1.26 0.00	65.27 1.61 0.00	61.59 1.60 0.00	49.70 1.39 0.00	56.80 1.59 0.00	52.43 1.61 0.00	50.59 1.56 0.00	47.78 1.66 0.00	52.31 1.92 0.00	51.84 1.98 0.00	57.41 2.42 0.00	58.51 2.38 0.00	67.75 2.66 0.00	68.58 2.55 0.00	50.50 1.81 0.00	43.25 1.42 0.00	42.91 1.42 0.00
DASHVILLE___HYD 23610	40.51 0.65 0.00	43.19 0.52 0.00	44.06 0.49 0.00	52.10 0.59 0.00	45.56 0.47 0.00	41.38 0.48 0.00	50.35 0.85 0.00	50.41 1.35 0.00	65.54 1.89 0.00	62.23 2.24 0.00	50.45 2.14 0.00	57.63 2.43 0.00	53.02 2.20 0.00	51.35 2.31 0.00	48.36 2.24 0.00	52.75 2.36 0.00	52.07 2.22 0.00	57.57 2.59 0.00	58.70 2.58 0.00	67.98 2.89 0.00	68.75 2.71 0.00	50.56 1.87 0.00	43.36 1.52 0.00	42.79 1.30 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	38.62 1.01 2.26	42.54 0.93 1.06	44.34 0.85 0.07	52.43 0.92 0.00	45.45 0.36 0.00	39.25 -0.13 1.52	48.48 -0.83 0.18	48.68 0.07 0.44	61.83 0.57 2.40	55.53 0.95 5.40	52.77 1.64 -2.82	56.20 1.39 0.40	54.21 1.47 -1.93	54.18 1.85 -3.29	52.09 2.06 -3.90	54.10 2.16 -1.55	53.61 1.73 -2.02	61.79 2.06 -4.74	61.39 1.97 -3.29	69.90 2.48 -2.33	71.05 2.49 -2.53	55.55 1.88 -4.98	49.53 1.54 -6.15	47.10 1.60 -4.00
DELAWARE___LFGE 323621	40.60 0.75 0.00	43.37 0.70 0.00	44.33 0.77 0.00	52.45 0.94 0.00	45.93 0.85 0.00	41.61 0.71 0.00	50.47 0.98 0.00	50.25 1.18 0.00	65.10 1.45 0.00	61.52 1.53 0.00	49.76 1.45 0.00	56.85 1.64 0.00	52.31 1.49 0.00	50.50 1.47 0.00	47.50 1.37 0.00	51.87 1.48 0.00	51.25 1.40 0.00	56.50 1.51 0.00	57.79 1.66 0.00	66.82 1.72 0.00	67.67 1.64 0.00	49.94 1.25 0.00	42.87 1.04 0.00	42.46 0.97 0.00
DERFIELD_115KV_TB7 355931	39.73 -0.13 0.00	42.49 -0.17 0.00	43.38 -0.19 0.00	51.30 -0.21 0.00	44.90 -0.19 0.00	40.75 -0.15 0.00	49.35 -0.15 0.00	49.02 -0.05 0.00	63.60 -0.06 0.00	60.01 0.02 0.00	48.40 0.09 0.00	55.28 0.07 0.00	50.87 0.05 0.00	49.09 0.06 0.00	46.22 0.10 0.00	50.52 0.13 0.00	49.98 0.13 0.00	55.16 0.18 0.00	56.35 0.22 0.00	65.29 0.20 0.00	66.17 0.13 0.00	48.75 0.06 0.00	41.86 0.03 0.00	41.45 -0.04 0.00
DOGLEVILLE___HYD 23807	38.32 -1.54 0.00	40.70 -1.96 0.00	41.64 -1.93 0.00	49.24 -2.27 0.00	43.18 -1.91 0.00	39.49 -1.40 0.00	48.07 -1.43 0.00	48.03 -1.03 0.00	62.15 -1.50 0.00	58.55 -1.44 0.00	47.94 -0.37 0.00	54.58 -0.63 0.00	50.14 -0.68 0.00	48.24 -0.80 0.00	45.85 -0.28 0.00	50.35 -0.04 0.00	49.79 -0.06 0.00	55.38 0.39 0.00	56.83 0.71 0.00	65.71 0.63 0.00	66.16 0.13 0.00	48.78 0.09 0.00	41.53 -0.30 0.00	40.95 -0.53 0.00
DUNKIRK___115KV_TB_200 55889	40.09 0.23 0.00	42.58 -0.08 0.00	43.78 0.21 0.00	51.69 0.19 0.00	45.15 0.06 0.00	40.39 -0.51 0.00	48.77 -0.73 0.00	48.54 -0.52 0.00	63.01 -0.64 0.00	58.81 -1.07 0.10	47.34 -0.97 0.00	54.45 -0.76 0.00	50.04 -0.78 0.00	47.90 -1.13 0.00	44.79 -1.32 0.02	48.45 -1.94 0.00	46.97 -2.21 0.67	50.40 -3.24 1.35	52.42 -3.71 0.00	55.44 -4.68 4.97	53.63 -4.45 7.95	38.90 -3.14 6.64	34.08 -2.24 5.51	35.29 -1.56 4.65
DUNKIRK___1 23563	40.09 0.23 0.00	42.58 -0.08 0.00	43.78 0.21 0.00	51.69 0.19 0.00	45.15 0.06 0.00	40.39 -0.51 0.00	48.77 -0.73 0.00	48.54 -0.52 0.00	63.01 -0.64 0.00	58.81 -1.07 0.10	47.34 -0.97 0.00	54.45 -0.76 0.00	50.04 -0.78 0.00	47.90 -1.13 0.00	44.79 -1.32 0.02	48.45 -1.94 0.00	46.97 -2.21 0.67	50.40 -3.24 1.35	52.42 -3.71 0.00	55.44 -4.68 4.97	53.63 -4.45 7.95	38.90 -3.14 6.64	34.08 -2.24 5.51	35.29 -1.56 4.65
DUNKIRK___2 23564	40.09 0.23 0.00	42.58 -0.08 0.00	43.78 0.21 0.00	51.69 0.19 0.00	45.15 0.06 0.00	40.39 -0.51 0.00	48.77 -0.73 0.00	48.54 -0.52 0.00	63.01 -0.64 0.00	58.81 -1.07 0.10	47.34 -0.97 0.00	54.45 -0.76 0.00	50.04 -0.78 0.00	47.90 -1.13 0.00	44.79 -1.32 0.02	48.45 -1.94 0.00	46.97 -2.21 0.67	50.40 -3.24 1.35	52.42 -3.71 0.00	55.44 -4.68 4.97	53.63 -4.45 7.95	38.90 -3.14 6.64	34.08 -2.24 5.51	35.29 -1.56 4.65
DUNKIRK___3 23565	39.80 -0.06 0.00	42.29 -0.38 0.00	43.43 -0.14 0.00	51.30 -0.20 0.00	44.80 -0.29 0.00	40.08 -0.82 0.00	48.32 -1.17 0.00	48.08 -0.98 0.00	62.43 -1.23 0.00	58.30 -1.58 0.11	46.92 -1.39 0.00	53.93 -1.28 0.00	49.59 -1.22 0.00	47.50 -1.53 0.00	44.43 -1.68 0.02	48.12 -2.26 0.00	46.64 -2.47 0.74	50.03 -3.48 1.48	52.31 -3.81 0.00	54.94 -4.68 5.46	52.87 -4.42 8.74	38.26 -3.12 7.31	33.54 -2.23 6.06	34.83 -1.56 5.11
DUNKIRK___4 23566	39.80 -0.06 0.00	42.29 -0.38 0.00	43.43 -0.14 0.00	51.30 -0.20 0.00	44.80 -0.29 0.00	40.08 -0.82 0.00	48.32 -1.17 0.00	48.08 -0.98 0.00	62.43 -1.23 0.00	58.30 -1.58 0.11	46.92 -1.39 0.00	53.93 -1.28 0.00	49.59 -1.22 0.00	47.50 -1.53 0.00	44.43 -1.68 0.02	48.12 -2.26 0.00	46.64 -2.47 0.74	50.03 -3.48 1.48	52.31 -3.81 0.00	54.94 -4.68 5.46	52.87 -4.42 8.74	38.26 -3.12 7.31	33.54 -2.23 6.06	34.83 -1.56 5.11
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.78 0.92 0.00	43.47 0.80 0.00	44.30 0.73 0.00	52.39 0.89 0.00	45.80 0.71 0.00	41.62 0.72 0.00	50.62 1.13 0.00	50.75 1.69 0.00	65.95 2.29 0.00	62.77 2.79 0.00	50.92 2.61 0.00	58.15 2.94 0.00	53.58 2.76 0.00	51.92 2.89 0.00	48.92 2.79 0.00	53.33 2.94 0.00	52.63 2.77 0.00	58.14 3.16 0.00	59.22 3.09 0.00	68.64 3.55 0.00	69.39 3.36 0.00	50.98 2.29 0.00	43.77 1.94 0.00	43.17 1.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.53 0.67 0.00	43.22 0.55 0.00	44.11 0.54 0.00	52.16 0.65 0.00	45.62 0.53 0.00	41.43 0.53 0.00	50.39 0.90 0.00	50.45 1.39 0.00	65.57 1.91 0.00	62.23 2.25 0.00	50.46 2.15 0.00	57.65 2.44 0.00	53.09 2.27 0.00	51.39 2.36 0.00	48.40 2.28 0.00	52.78 2.39 0.00	52.11 2.26 0.00	57.62 2.64 0.00	58.74 2.62 0.00	68.06 2.97 0.00	68.83 2.80 0.00	50.59 1.90 0.00	43.38 1.55 0.00	42.81 1.32 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.81 0.95 0.00	43.43 0.76 0.00	44.18 0.62 0.00	50.25 0.77 2.03	45.69 0.60 0.00	41.54 0.64 0.00	50.16 1.09 0.42	50.90 1.83 -0.01	66.24 2.58 -0.01	63.64 3.09 -0.56	51.44 2.80 -0.33	58.41 3.20 0.01	53.86 3.01 -0.03	52.16 3.06 -0.06	49.44 2.94 -0.38	53.55 3.11 -0.05	52.81 2.95 0.00	58.34 3.35 0.00	59.45 3.26 -0.06	68.85 3.76 0.00	69.63 3.59 0.00	51.06 2.37 0.00	43.78 1.95 0.00	43.21 1.71 -0.01
E179THST_13_KV_LOAD 356214	40.99 1.13 0.00	43.60 0.93 0.00	44.33 0.76 0.00	50.42 0.94 2.03	45.84 0.75 0.00	41.68 0.78 0.00	50.37 1.29 0.42	51.13 2.06 -0.01	66.54 2.88 -0.01	63.92 3.37 -0.56	51.68 3.05 -0.33	58.68 3.47 0.01	54.11 3.27 -0.03	52.41 3.31 -0.06	49.68 3.18 -0.38	53.80 3.37 -0.05	53.06 3.20 0.00	58.61 3.62 0.00	59.72 3.54 -0.06	69.19 4.09 0.00	69.95 3.92 0.00	51.30 2.61 0.00	43.98 2.15 0.00	43.40 1.90 -0.01
EAST HAMPTON___GT 23717	38.64 1.03 2.26	42.70 1.09 1.06	44.64 1.15 0.07	52.82 1.32 0.00	45.54 0.46 0.00	38.98 -0.40 1.52	47.66 -1.65 0.18	48.06 -0.55 0.44	60.86 -0.39 2.40	54.66 0.07 5.40	52.28 1.15 -2.82	55.38 0.57 0.40	53.43 0.68 -1.93	53.47 1.14 -3.29	51.45 1.43 -3.90	53.45 1.50 -1.55	52.91 1.04 -2.02	61.07 1.34 -4.74	60.66 1.25 -3.29	69.25 1.82 -2.33	70.52 1.95 -2.53	55.32 1.65 -4.98	49.32 1.33 -6.16	47.01 1.52 -4.00
EAST RIVER___6 23660	40.95 1.09 0.00	43.61 0.95 0.00	44.41 0.84 0.00	52.55 1.04 0.00	45.93 0.84 0.00	41.75 0.85 0.00	50.83 1.33 0.00	51.09 2.03 0.00	66.42 2.77 0.00	63.31 3.32 0.00	51.29 2.99 0.00	58.60 3.39 0.00	53.99 3.17 0.00	52.32 3.29 0.00	49.27 3.15 0.00	53.72 3.33 0.00	53.03 3.17 0.00	58.57 3.58 0.00	59.63 3.51 0.00	69.15 4.06 0.00	69.90 3.87 0.00	51.20 2.51 0.00	43.98 2.14 0.00	43.36 1.87 0.00
EAST RIVER___7 23524	40.95 1.09 0.00	43.61 0.95 0.00	44.41 0.84 0.00	52.55 1.04 0.00	45.93 0.84 0.00	41.75 0.85 0.00	50.83 1.33 0.00	51.09 2.03 0.00	66.42 2.77 0.00	63.31 3.32 0.00	51.29 2.99 0.00	58.60 3.39 0.00	53.99 3.17 0.00	52.32 3.29 0.00	49.27 3.15 0.00	53.72 3.33 0.00	53.03 3.17 0.00	58.57 3.58 0.00	59.63 3.51 0.00	69.15 4.06 0.00	69.90 3.87 0.00	51.20 2.51 0.00	43.98 2.14 0.00	43.36 1.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.68 0.82 0.00	43.35 0.68 0.00	44.18 0.62 0.00	52.26 0.75 0.00	45.68 0.59 0.00	41.51 0.61 0.00	50.49 0.99 0.00	50.63 1.57 0.00	65.81 2.15 0.00	62.60 2.61 0.00	50.76 2.45 0.00	57.98 2.77 0.00	53.42 2.60 0.00	51.75 2.72 0.00	48.75 2.63 0.00	53.16 2.77 0.00	52.48 2.62 0.00	57.98 3.00 0.00	59.06 2.93 0.00	68.45 3.36 0.00	69.21 3.18 0.00	50.81 2.12 0.00	43.61 1.78 0.00	43.04 1.55 0.00
EAST_HAMPTON___DIESEL 23722	38.60 1.00 2.26	42.67 1.07 1.06	44.64 1.15 0.07	52.82 1.32 0.00	45.51 0.42 0.00	38.91 -0.48 1.52	47.51 -1.80 0.18	47.93 -0.68 0.44	60.67 -0.58 2.40	54.47 -0.11 5.40	52.15 1.02 -2.82	55.22 0.41 0.40	53.26 0.51 -1.93	53.31 0.99 -3.29	51.32 1.30 -3.90	53.31 1.36 -1.55	52.77 0.89 -2.02	60.92 1.19 -4.74	60.52 1.10 -3.29	69.09 1.66 -2.33	70.39 1.82 -2.53	55.24 1.57 -4.98	49.26 1.28 -6.16	46.95 1.46 -4.00
EAST_POINT___SOLAR 323840	42.45 2.59 0.00	45.38 2.72 0.00	46.36 2.79 0.00	54.90 3.39 0.00	48.13 3.04 0.00	43.76 2.86 0.00	53.40 3.90 0.00	53.20 4.14 0.00	68.16 4.51 0.00	63.20 3.21 0.00	50.66 2.35 0.00	58.20 2.99 0.00	53.54 2.73 0.00	51.15 2.11 0.00	48.40 2.28 0.00	53.40 3.00 0.00	52.97 3.12 0.00	58.49 3.51 0.00	60.22 4.09 0.00	70.24 5.15 0.00	71.21 5.18 0.00	52.29 3.60 0.00	44.80 2.97 0.00	44.30 2.81 0.00
EAST_PULASKI___ESR 323781	39.39 -0.47 0.00	42.09 -0.57 0.00	42.99 -0.58 0.00	50.84 -0.67 0.00	44.50 -0.59 0.00	40.44 -0.46 0.00	49.14 -0.35 0.00	48.78 -0.28 0.00	62.84 -0.82 0.00	58.72 -1.27 0.00	47.11 -1.20 0.00	53.88 -1.33 0.00	49.55 -1.27 0.00	47.71 -1.33 0.00	44.81 -1.31 0.00	48.97 -1.42 0.00	48.55 -1.31 0.00	53.53 -1.46 0.00	54.94 -1.19 0.00	64.30 -0.79 0.00	65.31 -0.73 0.00	47.95 -0.74 0.00	41.25 -0.59 0.00	40.75 -0.74 0.00
EAST_RIVER___1 323558	40.88 1.02 0.00	43.54 0.87 0.00	44.34 0.77 0.00	52.47 0.96 0.00	45.85 0.76 0.00	41.67 0.78 0.00	50.74 1.24 0.00	50.99 1.93 0.00	66.27 2.61 0.00	63.20 3.21 0.00	51.20 2.89 0.00	58.48 3.27 0.00	53.88 3.07 0.00	52.22 3.18 0.00	49.17 3.05 0.00	53.61 3.22 0.00	52.93 3.07 0.00	58.46 3.48 0.00	59.52 3.39 0.00	69.02 3.93 0.00	69.77 3.74 0.00	51.11 2.42 0.00	43.89 2.06 0.00	43.28 1.80 0.00
EAST_RIVER___2 323559	40.95 1.09 0.00	43.61 0.95 0.00	44.41 0.84 0.00	52.55 1.04 0.00	45.93 0.84 0.00	41.75 0.85 0.00	50.83 1.33 0.00	51.09 2.03 0.00	66.42 2.77 0.00	63.31 3.32 0.00	51.29 2.99 0.00	58.60 3.39 0.00	53.99 3.17 0.00	52.32 3.29 0.00	49.27 3.15 0.00	53.72 3.33 0.00	53.03 3.17 0.00	58.57 3.58 0.00	59.63 3.51 0.00	69.15 4.06 0.00	69.90 3.87 0.00	51.20 2.51 0.00	43.98 2.14 0.00	43.36 1.87 0.00
EAST___DELAWARE_HYD 23607	41.07 1.22 0.00	43.78 1.12 0.00	44.68 1.11 0.00	52.83 1.33 0.00	46.25 1.16 0.00	42.00 1.10 0.00	51.13 1.63 0.00	51.18 2.12 0.00	66.49 2.83 0.00	63.07 3.08 0.00	51.18 2.87 0.00	58.46 3.25 0.00	53.81 2.99 0.00	52.04 3.01 0.00	49.02 2.89 0.00	53.47 3.07 0.00	52.80 2.95 0.00	58.36 3.38 0.00	59.59 3.47 0.00	69.05 3.96 0.00	69.86 3.83 0.00	51.34 2.65 0.00	43.98 2.15 0.00	43.38 1.89 0.00
EIGHT_POINT___WT_PWR 323820	40.26 0.41 0.00	42.76 0.10 0.00	43.84 0.27 0.00	51.83 0.32 0.00	45.36 0.27 0.00	40.83 -0.07 0.00	49.38 -0.12 0.00	49.16 0.10 0.00	62.97 -0.69 0.00	59.26 -1.36 -0.62	47.12 -1.19 0.00	53.96 -1.25 0.00	49.50 -1.32 0.00	47.38 -1.65 0.00	44.28 -1.96 -0.11	48.01 -2.39 0.00	51.40 -2.53 -4.07	60.53 -2.57 -8.11	54.08 -2.05 0.00	92.80 -2.23 -29.94	111.21 -2.67 -47.85	86.07 -2.60 -39.98	71.72 -3.26 -33.15	66.39 -3.05 -27.94
ELBRIDGE_115KV_TB2 80188	39.63 -0.22 0.00	42.28 -0.38 0.00	43.29 -0.28 0.00	51.12 -0.39 0.00	44.81 -0.27 0.00	40.67 -0.23 0.00	49.31 -0.19 0.00	49.01 -0.05 0.00	63.44 -0.22 0.00	59.55 -0.44 0.00	47.94 -0.37 0.00	54.82 -0.39 0.00	50.41 -0.41 0.00	48.52 -0.51 0.00	45.62 -0.50 0.00	49.84 -0.55 0.00	49.40 -0.45 0.00	54.47 -0.52 0.00	55.76 -0.37 0.00	64.75 -0.34 0.00	65.65 -0.38 0.00	48.39 -0.30 0.00	41.50 -0.34 0.00	41.21 -0.28 0.00
ELEC_TRO_TEK 24086	51.27 1.25 -10.16	48.53 1.11 -4.76	44.81 0.90 -0.35	52.49 0.96 -0.02	45.89 0.78 -0.02	48.49 0.75 -6.84	51.33 0.97 -0.86	52.67 1.56 -2.05	77.27 2.54 -11.07	84.82 2.99 -21.84	88.61 2.78 -37.52	80.65 3.09 -22.34	78.74 2.93 -24.99	83.56 3.02 -31.50	93.21 2.92 -44.17	75.75 3.09 -22.27	79.26 2.87 -26.54	104.09 3.26 -45.84	88.78 3.23 -29.42	96.40 3.61 -27.70	95.57 3.60 -25.94	93.27 2.41 -42.17	95.61 2.00 -51.78	81.96 1.95 -38.52

ELLENBURG_WT_PWR 323604	41.09 1.23 0.00	44.18 1.51 0.00	45.01 1.45 0.00	53.10 1.60 0.00	46.49 1.40 0.00	42.04 1.14 0.00	50.76 1.27 0.00	50.02 0.96 0.00	64.95 1.29 0.00	60.55 0.57 0.00	48.46 0.15 0.00	55.43 0.22 0.00	51.13 0.31 0.00	49.33 0.29 0.00	46.34 0.22 0.00	50.62 0.22 0.00	50.08 0.22 0.00	54.98 -0.01 0.00	55.64 -0.49 0.00	64.87 -0.22 0.00	66.14 0.11 0.00	49.11 0.42 0.00	42.38 0.55 0.00	42.31 0.82 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.63 -1.23 0.00	41.15 -1.51 0.00	42.06 -1.51 0.00	49.69 -1.81 0.00	43.41 -1.67 0.00	38.83 -2.07 0.00	46.56 -2.94 0.00	46.32 -2.73 0.00	60.28 -3.37 0.00	56.53 -3.32 0.14	45.23 -3.07 0.00	51.66 -3.55 0.00	47.49 -3.33 0.00	45.47 -3.57 0.00	42.47 -3.63 0.03	46.55 -3.84 0.00	45.41 -3.54 0.91	48.46 -4.72 1.81	51.30 -4.82 0.00	52.74 -5.67 6.68	49.98 -5.36 10.69	36.08 -3.68 8.93	31.75 -2.68 7.40	33.32 -1.93 6.24
EMPIRE_CC_1 323656	39.46 -0.40 0.00	42.23 -0.43 0.00	43.03 -0.54 0.00	50.87 -0.64 0.00	44.53 -0.56 0.00	40.54 -0.36 0.00	48.92 -0.58 0.00	48.61 -0.45 0.00	63.26 -0.39 0.00	59.96 -0.03 0.00	48.47 0.16 0.00	55.33 0.12 0.00	50.95 0.13 0.00	49.28 0.25 0.00	46.47 0.35 0.00	50.83 0.43 0.00	50.35 0.50 0.00	55.70 0.72 0.00	56.66 0.54 0.00	65.46 0.37 0.00	66.25 0.21 0.00	49.00 0.31 0.00	42.04 0.21 0.00	41.70 0.20 0.00
EMPIRE_CC_2 323658	39.46 -0.40 0.00	42.23 -0.43 0.00	43.03 -0.54 0.00	50.87 -0.64 0.00	44.53 -0.56 0.00	40.54 -0.36 0.00	48.92 -0.58 0.00	48.61 -0.45 0.00	63.26 -0.39 0.00	59.96 -0.03 0.00	48.47 0.16 0.00	55.33 0.12 0.00	50.95 0.13 0.00	49.28 0.25 0.00	46.47 0.35 0.00	50.83 0.43 0.00	50.35 0.50 0.00	55.70 0.72 0.00	56.66 0.54 0.00	65.46 0.37 0.00	66.25 0.21 0.00	49.00 0.31 0.00	42.04 0.21 0.00	41.70 0.20 0.00
ENORWICH_115KV_TB1 80156	42.40 2.54 0.00	45.19 2.53 0.00	46.33 2.76 0.00	54.96 3.45 0.00	48.33 3.24 0.00	43.95 3.05 0.00	53.65 4.16 0.00	53.45 4.39 0.00	68.86 5.20 0.00	64.35 4.32 -0.03	51.60 3.29 0.00	58.91 3.70 0.00	54.02 3.21 0.00	51.70 2.67 0.00	48.81 2.68 -0.01	53.49 3.10 0.00	53.19 3.11 -0.22	59.10 3.67 -0.45	60.33 4.21 0.00	71.48 4.74 -1.65	73.21 4.57 -2.61	54.20 3.34 -2.18	46.17 2.53 -1.81	45.51 2.50 -1.52
ERIE_ST_34_KV_TB1-2 80199	39.02 -0.84 0.00	41.54 -1.13 0.00	42.46 -1.11 0.00	50.19 -1.32 0.00	43.83 -1.26 0.00	39.27 -1.63 0.00	47.25 -2.25 0.00	47.02 -2.03 0.00	61.19 -2.47 0.00	57.39 -2.48 0.12	45.95 -2.36 0.00	52.47 -2.74 0.00	48.25 -2.57 0.00	46.23 -2.81 0.00	43.32 -2.92 0.02	47.43 -2.96 0.00	46.37 -2.71 0.78	49.85 -3.59 1.55	52.64 -3.48 0.00	55.30 -4.07 5.72	53.11 -3.77 9.15	38.46 -2.58 7.65	33.67 -1.82 6.34	35.01 -1.14 5.34
ERIE_WT_PWR 323693	38.88 -0.98 0.00	41.41 -1.26 0.00	42.32 -1.25 0.00	49.99 -1.52 0.00	43.69 -1.39 0.00	39.09 -1.81 0.00	46.94 -2.56 0.00	46.70 -2.36 0.00	60.76 -2.89 0.00	56.98 -2.88 0.13	45.61 -2.70 0.00	52.08 -3.13 0.00	47.91 -2.91 0.00	45.79 -3.24 0.00	42.86 -3.24 0.02	46.97 -3.42 0.00	45.87 -3.16 0.83	49.14 -4.20 1.65	51.81 -4.32 0.00	53.97 -5.04 6.08	51.61 -4.69 9.73	37.38 -3.18 8.13	32.77 -2.31 6.74	34.24 -1.57 5.69
ESPRGFLD_115KV_TB1 80157	42.06 2.20 0.00	44.99 2.32 0.00	46.00 2.43 0.00	54.46 2.96 0.00	47.72 2.64 0.00	43.26 2.36 0.00	52.70 3.21 0.00	52.44 3.38 0.00	67.59 3.94 0.00	63.36 3.38 0.00	50.97 2.66 0.00	58.21 2.99 0.00	53.52 2.71 0.00	51.49 2.45 0.00	48.36 2.24 0.00	52.97 2.58 0.00	52.42 2.57 0.00	57.79 2.81 0.00	59.34 3.21 0.00	68.87 3.78 0.00	69.86 3.83 0.00	51.38 2.69 0.00	44.09 2.26 0.00	43.69 2.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.54 0.68 0.00	43.22 0.56 0.00	44.26 0.69 0.00	52.31 0.81 0.00	45.87 0.79 0.00	41.61 0.71 0.00	50.52 1.03 0.00	50.30 1.23 0.00	65.06 1.41 0.00	61.00 0.96 -0.06	48.94 0.63 0.00	55.92 0.71 0.00	51.27 0.45 0.00	49.26 0.22 0.00	46.39 0.26 -0.01	50.61 0.22 0.00	50.56 0.34 -0.37	56.27 0.56 -0.73	57.03 0.91 0.00	68.96 1.19 -2.68	71.48 1.22 -4.23	53.07 0.84 -3.54	45.41 0.64 -2.93	44.59 0.63 -2.47
ETNA____115KV_TB2 80207	40.54 0.68 0.00	43.22 0.56 0.00	44.26 0.69 0.00	52.31 0.81 0.00	45.87 0.79 0.00	41.61 0.71 0.00	50.52 1.03 0.00	50.30 1.23 0.00	65.06 1.41 0.00	61.00 0.96 -0.06	48.94 0.63 0.00	55.92 0.71 0.00	51.27 0.45 0.00	49.26 0.22 0.00	46.39 0.26 -0.01	50.61 0.22 0.00	50.56 0.34 -0.37	56.27 0.56 -0.73	57.03 0.91 0.00	68.96 1.19 -2.68	71.48 1.22 -4.23	53.07 0.84 -3.54	45.41 0.64 -2.93	44.59 0.63 -2.47
EUCLID____115KV_TB2 356179	39.39 -0.46 0.00	42.06 -0.60 0.00	42.96 -0.61 0.00	50.80 -0.71 0.00	44.48 -0.60 0.00	40.37 -0.53 0.00	48.91 -0.58 0.00	48.62 -0.44 0.00	62.99 -0.66 0.00	59.23 -0.76 0.00	47.66 -0.65 0.00	54.49 -0.72 0.00	50.11 -0.70 0.00	48.31 -0.73 0.00	45.39 -0.73 0.00	49.60 -0.79 0.00	49.11 -0.74 0.00	54.12 -0.86 0.00	55.31 -0.82 0.00	64.21 -0.88 0.00	65.25 -0.78 0.00	48.08 -0.61 0.00	41.29 -0.54 0.00	40.95 -0.54 0.00
E_CANADA_CAP_HY 24051	42.18 2.32 0.00	45.14 2.47 0.00	46.13 2.55 0.00	54.62 3.12 0.00	47.85 2.77 0.00	43.43 2.53 0.00	52.92 3.42 0.00	52.63 3.58 0.00	67.71 4.05 0.00	63.17 3.19 0.00	50.70 2.39 0.00	57.94 2.73 0.00	53.34 2.52 0.00	51.20 2.16 0.00	48.16 2.03 0.00	52.90 2.52 0.00	52.45 2.59 0.00	57.89 2.90 0.00	59.41 3.29 0.00	69.16 4.07 0.00	70.19 4.16 0.00	51.56 2.87 0.00	44.25 2.41 0.00	43.84 2.35 0.00
E_CANADA_MHWK_HY 24050	38.32 -1.54 0.00	40.70 -1.96 0.00	41.64 -1.93 0.00	49.24 -2.27 0.00	43.18 -1.91 0.00	39.49 -1.40 0.00	48.07 -1.43 0.00	48.03 -1.03 0.00	62.15 -1.50 0.00	58.55 -1.44 0.00	47.94 -0.37 0.00	54.58 -0.63 0.00	50.14 -0.68 0.00	48.24 -0.80 0.00	45.85 -0.28 0.00	50.35 -0.04 0.00	49.79 -0.06 0.00	55.38 0.39 0.00	56.83 0.71 0.00	65.71 0.63 0.00	66.16 0.13 0.00	48.78 0.09 0.00	41.53 -0.30 0.00	40.95 -0.53 0.00
E_FISHKILL____LBMP 23776	40.42 0.56 0.00	43.10 0.44 0.00	43.94 0.37 0.00	51.96 0.45 0.00	45.43 0.34 0.00	41.28 0.38 0.00	50.15 0.65 0.00	50.23 1.16 0.00	65.28 1.62 0.00	62.03 2.04 0.00	50.28 1.97 0.00	57.43 2.22 0.00	52.89 2.07 0.00	51.21 2.17 0.00	48.26 2.13 0.00	52.64 2.26 0.00	51.98 2.12 0.00	57.48 2.49 0.00	58.54 2.42 0.00	67.83 2.74 0.00	68.59 2.55 0.00	50.42 1.73 0.00	43.26 1.43 0.00	42.72 1.23 0.00
FALCON____SEABRD_CC1 323796	41.60 1.74 0.00	44.65 1.98 0.00	45.45 1.88 0.00	53.51 2.00 0.00	46.83 1.74 0.00	42.31 1.41 0.00	51.07 1.58 0.00	50.40 1.34 0.00	65.41 1.76 0.00	60.88 0.89 0.00	48.88 0.57 0.00	55.92 0.71 0.00	51.61 0.79 0.00	49.87 0.83 0.00	46.87 0.74 0.00	51.18 0.79 0.00	50.65 0.79 0.00	55.64 0.65 0.00	56.35 0.22 0.00	65.59 0.50 0.00	66.60 0.57 0.00	49.60 0.91 0.00	42.88 1.05 0.00	42.82 1.33 0.00

FALCON___SEABRD_CC2 323797	41.60 1.74 0.00	44.65 1.98 0.00	45.45 1.88 0.00	53.51 2.00 0.00	46.83 1.74 0.00	42.31 1.41 0.00	51.07 1.58 0.00	50.40 1.34 0.00	65.41 1.76 0.00	60.88 0.89 0.00	48.88 0.57 0.00	55.92 0.71 0.00	51.61 0.79 0.00	49.87 0.83 0.00	46.87 0.74 0.00	51.18 0.79 0.00	50.65 0.79 0.00	55.64 0.65 0.00	56.35 0.22 0.00	65.59 0.50 0.00	66.60 0.57 0.00	49.60 0.91 0.00	42.88 1.05 0.00	42.82 1.33 0.00
FAR ROCKAWAY___4 23548	69.22 1.89 -27.48	57.26 1.74 -12.86	45.86 1.35 -0.94	53.05 1.48 -0.05	46.38 1.24 -0.05	60.58 1.20 -18.48	53.46 1.56 -2.40	56.94 2.13 -5.75	98.00 3.32 -31.03	123.67 3.75 -59.94	128.57 3.38 -76.88	110.82 3.80 -51.81	105.84 3.59 -51.43	115.94 3.65 -63.25	138.72 3.50 -89.09	100.80 3.74 -46.66	108.88 3.54 -55.49	151.53 3.95 -92.59	118.80 3.99 -58.68	125.91 4.54 -56.28	122.93 4.54 -52.35	135.43 3.08 -83.66	147.09 2.54 -102.72	120.14 2.47 -76.18
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.01 1.15 0.00	43.59 0.93 0.00	44.65 1.08 0.00	52.82 1.32 0.00	46.16 1.08 0.00	41.98 1.08 0.00	51.15 1.66 0.00	51.17 2.11 0.00	66.29 2.63 0.00	63.18 3.20 0.00	51.20 2.89 0.00	58.47 3.26 0.00	53.87 3.05 0.00	52.22 3.18 0.00	49.16 3.04 0.00	53.61 3.22 0.00	52.91 3.06 0.00	58.46 3.47 0.00	59.52 3.39 0.00	69.02 3.93 0.00	69.78 3.75 0.00	51.13 2.44 0.00	43.90 2.07 0.00	43.32 1.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.91 1.05 0.00	43.57 0.90 0.00	44.38 0.81 0.00	52.51 1.00 0.00	45.89 0.81 0.00	41.71 0.81 0.00	50.79 1.29 0.00	51.03 1.96 0.00	66.31 2.65 0.00	63.20 3.22 0.00	51.21 2.90 0.00	58.50 3.28 0.00	53.88 3.07 0.00	52.23 3.19 0.00	49.18 3.06 0.00	53.64 3.24 0.00	52.92 3.07 0.00	58.47 3.48 0.00	59.53 3.40 0.00	69.04 3.95 0.00	69.82 3.79 0.00	51.14 2.45 0.00	43.93 2.10 0.00	43.32 1.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.86 1.00 0.00	43.53 0.86 0.00	44.33 0.76 0.00	52.45 0.94 0.00	45.84 0.75 0.00	41.66 0.76 0.00	50.73 1.23 0.00	50.98 1.92 0.00	66.24 2.59 0.00	63.16 3.17 0.00	51.17 2.86 0.00	58.44 3.23 0.00	53.85 3.03 0.00	52.19 3.15 0.00	49.14 3.01 0.00	53.59 3.20 0.00	52.88 3.02 0.00	58.42 3.44 0.00	59.47 3.35 0.00	68.97 3.88 0.00	69.74 3.71 0.00	51.09 2.40 0.00	43.89 2.05 0.00	43.27 1.78 0.00
FARRAGUT___LBMP 323566	40.84 0.98 0.00	43.49 0.83 0.00	44.30 0.73 0.00	52.42 0.91 0.00	45.80 0.71 0.00	41.63 0.74 0.00	50.69 1.19 0.00	50.94 1.87 0.00	66.18 2.53 0.00	63.10 3.11 0.00	51.12 2.81 0.00	58.39 3.18 0.00	53.80 2.98 0.00	52.14 3.10 0.00	49.09 2.97 0.00	53.54 3.15 0.00	52.83 2.98 0.00	58.36 3.38 0.00	59.43 3.31 0.00	68.91 3.82 0.00	69.70 3.66 0.00	51.05 2.37 0.00	43.85 2.02 0.00	43.24 1.75 0.00
FENNER___WINDPWR 24204	40.45 0.60 0.00	43.22 0.56 0.00	44.15 0.58 0.00	52.20 0.69 0.00	45.72 0.63 0.00	41.53 0.63 0.00	50.47 0.97 0.00	50.16 1.10 0.00	64.91 1.25 0.00	60.91 0.93 0.00	48.88 0.57 0.00	55.87 0.66 0.00	51.34 0.52 0.00	49.43 0.39 0.00	46.52 0.39 0.00	50.89 0.50 0.00	50.55 0.69 0.00	55.91 0.92 0.00	57.29 1.16 0.00	66.51 1.42 0.00	67.35 1.32 0.00	49.55 0.86 0.00	42.53 0.70 0.00	42.04 0.56 0.00
FIBERTEK___ENERGY 23856	39.83 -0.03 0.00	42.50 -0.16 0.00	43.47 -0.09 0.00	51.38 -0.13 0.00	45.02 -0.07 0.00	40.86 -0.04 0.00	49.55 0.05 0.00	49.25 0.19 0.00	63.76 0.10 0.00	59.85 -0.14 0.00	48.18 -0.13 0.00	55.09 -0.12 0.00	50.65 -0.17 0.00	48.80 -0.24 0.00	45.86 -0.27 0.00	50.10 -0.29 0.00	49.70 -0.15 0.00	54.94 -0.04 0.00	56.23 0.10 0.00	65.27 0.18 0.00	66.05 0.02 0.00	48.65 -0.04 0.00	41.76 -0.08 0.00	41.42 -0.07 0.00
FITZPATRICK____ 23598	38.97 -0.90 0.00	41.63 -1.03 0.00	42.52 -1.05 0.00	50.28 -1.23 0.00	44.02 -1.07 0.00	39.96 -0.94 0.00	48.37 -1.13 0.00	48.03 -1.03 0.00	62.26 -1.40 0.00	58.58 -1.40 0.00	47.15 -1.16 0.00	53.90 -1.32 0.00	49.57 -1.24 0.00	47.79 -1.25 0.00	44.91 -1.22 0.00	49.06 -1.33 0.00	48.57 -1.29 0.00	53.53 -1.45 0.00	54.69 -1.44 0.00	63.48 -1.61 0.00	64.45 -1.59 0.00	47.50 -1.19 0.00	40.79 -1.04 0.00	40.47 -1.02 0.00
FLOWRFLD_69_KV_BK1 356044	38.79 1.06 2.13	42.49 0.82 0.99	44.07 0.57 0.07	52.04 0.54 0.00	45.42 0.34 0.00	39.72 0.25 1.43	49.47 0.15 0.17	49.45 0.81 0.42	63.09 1.70 2.27	56.99 2.14 5.14	53.82 2.36 -3.15	57.56 2.53 0.18	55.53 2.56 -2.15	55.42 2.82 -3.56	53.22 2.81 -4.29	55.05 2.91 -1.75	54.67 2.56 -2.26	62.97 2.85 -5.14	62.42 2.76 -3.54	70.88 3.21 -2.58	71.86 3.07 -2.76	56.21 2.18 -5.34	50.26 1.84 -6.60	47.66 1.82 -4.36
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.87 1.01 0.00	43.57 0.90 0.00	44.44 0.87 0.00	52.56 1.05 0.00	45.96 0.87 0.00	41.78 0.88 0.00	50.83 1.34 0.00	50.94 1.88 0.00	66.21 2.55 0.00	62.87 2.88 0.00	50.98 2.67 0.00	58.22 3.01 0.00	53.61 2.79 0.00	51.91 2.87 0.00	48.89 2.77 0.00	53.35 2.96 0.00	52.68 2.83 0.00	58.26 3.27 0.00	59.38 3.26 0.00	68.81 3.72 0.00	69.57 3.53 0.00	51.12 2.43 0.00	43.82 1.98 0.00	43.22 1.73 0.00
FORT ORANGE____ 23900	39.58 -0.28 0.00	42.32 -0.34 0.00	43.17 -0.40 0.00	51.04 -0.46 0.00	44.70 -0.38 0.00	40.70 -0.20 0.00	49.22 -0.28 0.00	49.01 -0.05 0.00	63.73 0.08 0.00	60.33 0.34 0.00	48.70 0.40 0.00	55.67 0.45 0.00	51.22 0.40 0.00	49.52 0.48 0.00	46.67 0.55 0.00	51.03 0.64 0.00	50.58 0.72 0.00	55.92 0.94 0.00	56.97 0.84 0.00	65.92 0.83 0.00	66.71 0.68 0.00	49.25 0.56 0.00	42.22 0.39 0.00	41.78 0.28 0.00
FORT_DRUM_COGEN 23780	40.30 0.45 0.00	43.21 0.54 0.00	44.09 0.53 0.00	52.13 0.63 0.00	45.62 0.53 0.00	41.58 0.67 0.00	50.81 1.31 0.00	50.28 1.22 0.00	63.90 0.25 0.00	58.90 -1.09 0.00	46.84 -1.47 0.00	53.71 -1.51 0.00	49.46 -1.35 0.00	47.44 -1.59 0.00	44.46 -1.66 0.00	48.60 -1.79 0.00	48.22 -1.63 0.00	53.12 -1.87 0.00	55.16 -0.96 0.00	65.63 0.54 0.00	66.70 0.67 0.00	48.58 -0.11 0.00	41.99 0.15 0.00	41.12 -0.37 0.00
FOX_HILLS___ESR 323835	56.09 1.22 -15.01	55.82 1.06 -12.10	54.91 0.95 -10.39	54.96 1.17 -2.30	54.93 0.93 -8.91	55.62 0.93 -13.80	56.74 1.43 -5.81	57.39 2.23 -6.10	78.66 2.87 -12.14	81.24 3.38 -17.87	60.97 2.94 -9.72	77.06 3.31 -18.53	73.29 3.10 -19.37	98.66 3.38 -46.24	84.41 3.16 -35.13	98.83 3.37 -45.07	101.28 3.20 -48.22	97.77 3.64 -39.15	98.74 3.72 -38.90	98.88 4.33 -29.46	98.84 4.18 -28.62	98.80 2.75 -47.36	94.78 2.22 -50.72	57.32 2.03 -13.80
FPL FAR_ROCK_GT1 24212	69.21 1.88 -27.48	57.26 1.74 -12.86	45.86 1.35 -0.94	53.02 1.45 -0.05	46.37 1.23 -0.05	60.58 1.19 -18.48	53.45 1.55 -2.40	56.94 2.13 -5.75	98.00 3.32 -31.03	123.67 3.75 -59.94	128.56 3.37 -76.88	110.84 3.81 -51.81	105.81 3.56 -51.43	115.94 3.66 -63.25	138.69 3.48 -89.09	100.78 3.73 -46.66	108.87 3.53 -55.49	151.51 3.93 -92.59	118.80 3.99 -58.68	125.91 4.54 -56.28	122.92 4.54 -52.35	135.41 3.06 -83.66	147.07 2.53 -102.72	120.13 2.46 -76.18

FPL FAR_ROCK_GT2 23815	69.21 1.88 -27.48	57.26 1.74 -12.86	45.86 1.35 -0.94	53.02 1.45 -0.05	46.37 1.23 -0.05	60.58 1.19 -18.48	53.45 1.55 -2.40	56.94 2.13 -5.75	98.00 3.32 -31.03	123.67 3.75 -59.94	128.56 3.37 -76.88	110.84 3.81 -51.81	105.81 3.56 -51.43	115.94 3.66 -63.25	138.69 3.48 -89.09	100.78 3.73 -46.66	108.87 3.53 -55.49	151.51 3.93 -92.59	118.80 3.99 -58.68	125.91 4.54 -56.28	122.92 4.54 -52.35	135.41 3.06 -83.66	147.07 2.53 -102.72	120.13 2.46 -76.18
FRANKLIN_FALL_HYD 24054	41.19 1.34 0.00	44.33 1.66 0.00	45.19 1.62 0.00	53.35 1.84 0.00	46.69 1.61 0.00	42.28 1.37 0.00	51.15 1.66 0.00	50.35 1.28 0.00	65.25 1.60 0.00	60.70 0.72 0.00	48.43 0.13 0.00	55.44 0.23 0.00	51.12 0.30 0.00	49.23 0.19 0.00	46.16 0.04 0.00	50.45 0.06 0.00	49.99 0.14 0.00	55.01 0.03 0.00	55.87 -0.26 0.00	65.33 0.25 0.00	66.68 0.65 0.00	49.41 0.72 0.00	42.59 0.75 0.00	42.46 0.97 0.00
FREEPORT_EQUS_GT1 23764	50.21 1.41 -8.94	48.13 1.28 -4.18	44.92 1.05 -0.31	52.63 1.11 -0.02	46.01 0.90 -0.02	47.79 0.88 -6.02	51.28 1.09 -0.70	52.43 1.71 -1.66	75.40 2.78 -8.96	80.32 3.20 -17.13	80.58 2.82 -29.46	76.18 3.13 -17.84	73.48 2.98 -19.69	77.00 3.10 -24.87	83.75 2.99 -34.65	71.18 3.16 -17.64	73.71 2.80 -21.07	94.41 3.14 -36.28	82.48 3.11 -23.24	90.32 3.47 -21.76	89.96 3.48 -20.46	84.70 2.52 -33.49	85.17 2.22 -41.11	75.29 2.17 -31.64
FREEPORT___CT2 23818	50.21 1.41 -8.94	48.13 1.28 -4.18	44.92 1.05 -0.31	52.63 1.11 -0.02	46.01 0.90 -0.02	47.79 0.88 -6.02	51.28 1.09 -0.70	52.43 1.71 -1.66	75.40 2.78 -8.96	80.32 3.20 -17.13	80.58 2.82 -29.46	76.18 3.13 -17.84	73.48 2.98 -19.69	77.00 3.10 -24.87	83.75 2.99 -34.65	71.18 3.16 -17.64	73.71 2.80 -21.07	94.41 3.14 -36.28	82.48 3.11 -23.24	90.32 3.47 -21.76	89.96 3.48 -20.46	84.70 2.52 -33.49	85.17 2.22 -41.11	75.29 2.17 -31.64
FRESHKLS_33_KV_LOAD 356253	56.02 1.16 -15.01	55.73 0.96 -12.10	54.82 0.86 -10.39	54.85 1.05 -2.30	54.83 0.84 -8.91	55.52 0.83 -13.80	56.61 1.30 -5.81	57.34 2.17 -6.10	78.55 2.75 -12.14	81.12 3.26 -17.87	60.81 2.78 -9.72	76.88 3.13 -18.53	73.11 2.92 -19.37	98.56 3.28 -46.24	80.78 3.04 -31.62	85.42 3.24 -31.79	81.12 3.07 -28.19	96.46 3.51 -37.96	98.69 3.67 -38.90	98.85 4.30 -29.46	98.79 4.13 -28.62	98.75 2.71 -47.36	94.72 2.16 -50.72	57.29 2.00 -13.80
FULTON COGEN____ 23766	39.23 -0.63 0.00	41.89 -0.77 0.00	42.78 -0.79 0.00	50.59 -0.91 0.00	44.29 -0.80 0.00	40.23 -0.67 0.00	48.77 -0.73 0.00	48.47 -0.59 0.00	62.72 -0.93 0.00	58.90 -1.09 0.00	47.36 -0.95 0.00	54.15 -1.06 0.00	49.80 -1.02 0.00	48.02 -1.02 0.00	45.10 -1.03 0.00	49.29 -1.10 0.00	48.86 -0.99 0.00	53.95 -1.04 0.00	55.10 -1.02 0.00	64.09 -1.00 0.00	65.07 -0.97 0.00	47.92 -0.77 0.00	41.16 -0.67 0.00	40.78 -0.71 0.00
FULTON___LFGE 323630	41.92 2.06 0.00	44.82 2.16 0.00	45.79 2.22 0.00	54.18 2.67 0.00	47.47 2.38 0.00	43.17 2.27 0.00	52.56 3.07 0.00	52.33 3.26 0.00	67.26 3.61 0.00	62.72 2.73 0.00	50.48 2.17 0.00	57.76 2.55 0.00	53.16 2.34 0.00	51.06 2.02 0.00	48.12 1.99 0.00	53.01 2.63 0.00	52.52 2.67 0.00	58.06 3.07 0.00	59.58 3.46 0.00	69.30 4.21 0.00	70.27 4.24 0.00	51.64 2.96 0.00	44.27 2.44 0.00	43.80 2.31 0.00
G.F.CEMENT___DRP 24184	41.25 1.39 0.00	44.11 1.45 0.00	45.01 1.44 0.00	53.18 1.67 0.00	46.62 1.54 0.00	42.47 1.57 0.00	51.34 1.84 0.00	51.00 1.94 0.00	66.10 2.45 0.00	62.35 2.36 0.00	50.27 1.96 0.00	57.48 2.26 0.00	53.14 2.32 0.00	51.30 2.27 0.00	48.48 2.35 0.00	53.10 2.70 0.00	52.64 2.79 0.00	58.35 3.36 0.00	59.46 3.34 0.00	68.80 3.71 0.00	69.62 3.59 0.00	51.18 2.49 0.00	43.80 1.97 0.00	43.48 1.99 0.00
GARDENVILLE___LBMP 24039	38.80 -1.06 0.00	41.32 -1.35 0.00	42.24 -1.33 0.00	49.91 -1.60 0.00	43.60 -1.49 0.00	39.00 -1.90 0.00	46.81 -2.68 0.00	46.59 -2.47 0.00	60.60 -3.06 0.00	56.84 -3.02 0.13	45.52 -2.79 0.00	51.97 -3.24 0.00	47.77 -3.05 0.00	45.74 -3.30 0.00	42.74 -3.36 0.02	46.84 -3.55 0.00	45.72 -3.27 0.86	48.88 -4.39 1.72	51.63 -4.49 0.00	53.44 -5.31 6.34	50.90 -4.99 10.15	36.78 -3.43 8.48	32.29 -2.51 7.03	33.81 -1.76 5.93
GARDNVLA_35_KV_LD 355827	38.92 -0.94 0.00	41.44 -1.22 0.00	42.35 -1.22 0.00	50.04 -1.47 0.00	43.73 -1.35 0.00	39.13 -1.77 0.00	46.98 -2.51 0.00	46.77 -2.29 0.00	60.88 -2.78 0.00	57.11 -2.75 0.12	45.71 -2.60 0.00	52.20 -3.02 0.00	47.96 -2.86 0.00	45.90 -3.13 0.00	42.93 -3.18 0.02	47.07 -3.32 0.00	46.02 -3.02 0.81	49.29 -4.09 1.61	51.96 -4.16 0.00	54.24 -4.90 5.95	51.94 -4.58 9.52	37.61 -3.12 7.95	33.00 -2.24 6.60	34.42 -1.51 5.56
GELCKHM___115KV_LOAD 80723	39.55 -0.32 0.00	42.21 -0.45 0.00	43.13 -0.44 0.00	51.00 -0.50 0.00	44.68 -0.41 0.00	40.55 -0.35 0.00	49.13 -0.36 0.00	48.84 -0.22 0.00	63.25 -0.40 0.00	59.43 -0.56 0.00	47.84 -0.48 0.00	54.70 -0.51 0.00	50.30 -0.52 0.00	48.47 -0.57 0.00	45.55 -0.57 0.00	49.78 -0.61 0.00	49.32 -0.54 0.00	54.44 -0.55 0.00	55.65 -0.48 0.00	64.61 -0.47 0.00	65.53 -0.51 0.00	48.28 -0.41 0.00	41.45 -0.38 0.00	41.11 -0.37 0.00
GENERAL___MILLS 23808	38.85 -1.01 0.00	41.38 -1.29 0.00	42.29 -1.28 0.00	49.97 -1.54 0.00	43.66 -1.42 0.00	39.06 -1.85 0.00	46.90 -2.59 0.00	46.67 -2.39 0.00	60.73 -2.93 0.00	56.96 -2.90 0.13	45.59 -2.72 0.00	52.06 -3.15 0.00	47.85 -2.97 0.00	45.80 -3.24 0.00	42.83 -3.27 0.02	46.92 -3.47 0.00	45.87 -3.16 0.83	49.10 -4.24 1.65	51.81 -4.31 0.00	53.91 -5.09 6.08	51.53 -4.77 9.73	37.29 -3.27 8.13	32.73 -2.36 6.74	34.19 -1.62 5.69
GE_PLASTICS___DRP 24183	39.65 -0.21 0.00	42.40 -0.27 0.00	43.26 -0.31 0.00	51.15 -0.36 0.00	44.78 -0.31 0.00	40.71 -0.19 0.00	49.23 -0.26 0.00	49.00 -0.06 0.00	63.69 0.03 0.00	60.27 0.28 0.00	48.71 0.40 0.00	55.63 0.42 0.00	51.20 0.39 0.00	49.51 0.47 0.00	46.64 0.52 0.00	50.98 0.59 0.00	50.46 0.61 0.00	55.79 0.81 0.00	56.81 0.69 0.00	65.77 0.67 0.00	66.58 0.55 0.00	49.14 0.45 0.00	42.17 0.34 0.00	41.76 0.27 0.00
GILBOA___1 23756	40.03 0.17 0.00	42.84 0.18 0.00	43.79 0.22 0.00	51.77 0.26 0.00	45.29 0.21 0.00	40.98 0.07 0.00	49.52 0.02 0.00	49.27 0.21 0.00	63.96 0.31 0.00	60.63 0.64 0.00	49.21 0.90 0.00	56.22 1.00 0.00	51.72 0.90 0.00	49.99 0.96 0.00	47.07 0.95 0.00	51.39 1.00 0.00	50.66 0.81 0.00	55.79 0.80 0.00	57.01 0.88 0.00	65.73 0.64 0.00	66.62 0.59 0.00	49.41 0.72 0.00	42.44 0.61 0.00	42.00 0.51 0.00
GILBOA___2 23757	40.03 0.17 0.00	42.84 0.18 0.00	43.79 0.22 0.00	51.77 0.26 0.00	45.29 0.21 0.00	40.98 0.07 0.00	49.52 0.02 0.00	49.27 0.21 0.00	63.96 0.31 0.00	60.63 0.64 0.00	49.21 0.90 0.00	56.22 1.00 0.00	51.72 0.90 0.00	49.99 0.96 0.00	47.07 0.95 0.00	51.39 1.00 0.00	50.66 0.81 0.00	55.79 0.80 0.00	57.01 0.88 0.00	65.73 0.64 0.00	66.62 0.59 0.00	49.41 0.72 0.00	42.44 0.61 0.00	42.00 0.51 0.00

GILBOA___3 23758	40.03 0.17 0.00	42.84 0.18 0.00	43.79 0.22 0.00	51.77 0.26 0.00	45.29 0.21 0.00	40.98 0.07 0.00	49.52 0.02 0.00	49.27 0.21 0.00	63.96 0.31 0.00	60.63 0.64 0.00	49.21 0.90 0.00	56.22 1.00 0.00	51.72 0.90 0.00	49.99 0.96 0.00	47.07 0.95 0.00	51.39 1.00 0.00	50.66 0.81 0.00	55.79 0.80 0.00	57.01 0.88 0.00	65.73 0.64 0.00	66.62 0.59 0.00	49.41 0.72 0.00	42.44 0.61 0.00	42.00 0.51 0.00
GILBOA___4 23759	40.03 0.17 0.00	42.84 0.18 0.00	43.79 0.22 0.00	51.77 0.26 0.00	45.29 0.21 0.00	40.98 0.07 0.00	49.52 0.02 0.00	49.27 0.21 0.00	63.96 0.31 0.00	60.63 0.64 0.00	49.21 0.90 0.00	56.22 1.00 0.00	51.72 0.90 0.00	49.99 0.96 0.00	47.07 0.95 0.00	51.39 1.00 0.00	50.66 0.81 0.00	55.79 0.80 0.00	57.01 0.88 0.00	65.73 0.64 0.00	66.62 0.59 0.00	49.41 0.72 0.00	42.44 0.61 0.00	42.00 0.51 0.00
GILBOA___ 23599	40.03 0.17 0.00	42.84 0.17 0.00	43.79 0.22 0.00	51.77 0.26 0.00	45.30 0.21 0.00	40.98 0.08 0.00	49.52 0.03 0.00	49.27 0.21 0.00	63.97 0.31 0.00	60.62 0.64 0.00	49.21 0.90 0.00	56.21 1.01 0.00	51.73 0.91 0.00	49.99 0.96 0.00	47.07 0.95 0.00	51.38 0.99 0.00	50.67 0.81 0.00	55.79 0.81 0.00	57.01 0.88 0.00	65.74 0.66 0.00	66.63 0.60 0.00	49.42 0.73 0.00	42.45 0.62 0.00	42.01 0.52 0.00
GINNA___ 23603	37.54 -2.32 0.00	40.06 -2.61 0.00	40.90 -2.67 0.00	48.35 -3.16 0.00	42.35 -2.74 0.00	38.52 -2.37 0.00	46.59 -2.91 0.00	46.29 -2.77 0.00	59.89 -3.76 0.00	56.11 -3.87 0.00	44.90 -3.41 0.00	51.32 -3.89 0.00	47.17 -3.65 0.00	45.36 -3.68 0.00	42.45 -3.67 0.00	46.45 -3.95 0.00	46.13 -3.73 0.00	50.75 -4.24 0.00	51.97 -4.16 0.00	60.41 -4.68 0.00	61.47 -4.57 0.00	45.35 -3.34 0.00	39.07 -2.76 0.00	39.02 -2.47 0.00
GLEN PARK___ 23778	40.35 0.50 0.00	43.24 0.57 0.00	44.13 0.56 0.00	52.18 0.67 0.00	45.66 0.57 0.00	41.63 0.73 0.00	50.93 1.44 0.00	50.39 1.33 0.00	63.90 0.25 0.00	58.77 -1.21 0.00	46.67 -1.64 0.00	53.51 -1.70 0.00	49.27 -1.55 0.00	47.27 -1.76 0.00	44.30 -1.82 0.00	48.42 -1.97 0.00	48.06 -1.80 0.00	52.94 -2.05 0.00	55.13 -0.99 0.00	65.82 0.73 0.00	66.95 0.92 0.00	48.74 0.05 0.00	42.09 0.25 0.00	41.22 -0.27 0.00
GLENDALE_27_KV_LOAD 356172	41.13 1.27 0.00	43.78 1.12 0.00	44.57 1.00 0.00	52.72 1.22 0.00	46.07 0.99 0.00	41.91 1.01 0.00	51.08 1.54 -0.04	51.58 2.32 -0.20	66.82 3.14 -0.02	73.16 3.67 -9.51	75.19 3.28 -23.61	84.01 3.70 -25.10	84.18 3.47 -29.89	70.09 3.58 -17.48	68.28 3.41 -18.75	68.90 3.63 -14.88	74.77 3.47 -21.45	63.02 3.92 -4.11	60.75 3.85 -0.78	69.53 4.44 0.00	70.27 4.24 0.00	51.72 2.83 -0.20	46.66 2.36 -2.47	43.58 2.08 -0.01
GLENWOOD_IC_1_G5 23712	45.80 1.28 -4.66	46.00 1.16 -2.18	44.73 1.01 -0.16	52.65 1.14 -0.01	46.03 0.94 -0.01	44.94 0.90 -3.14	51.10 1.24 -0.36	51.78 1.86 -0.86	71.07 2.78 -4.63	72.88 3.23 -9.66	75.50 2.98 -24.21	71.10 3.33 -12.55	69.99 3.14 -16.03	72.94 3.25 -20.65	78.16 3.12 -28.92	67.71 3.31 -14.01	69.67 3.10 -16.72	88.37 3.52 -29.87	79.00 3.48 -19.40	87.04 3.94 -18.01	86.81 3.84 -16.94	79.22 2.60 -27.93	78.29 2.16 -34.30	69.25 2.01 -25.75
GLENWOOD_IC_2_G1 23688	40.93 1.07 0.00	43.60 0.93 0.00	44.37 0.79 0.00	52.43 0.92 0.00	45.83 0.74 0.00	41.63 0.73 0.00	50.56 1.06 0.00	50.73 1.66 0.00	66.08 2.42 0.00	62.96 2.91 -0.06	51.65 2.70 -0.64	58.48 3.03 -0.24	54.09 2.86 -0.42	52.56 2.97 -0.56	49.77 2.86 -0.79	53.76 3.02 -0.35	53.10 2.82 -0.42	59.01 3.23 -0.79	59.83 3.18 -0.53	69.17 3.60 -0.48	69.97 3.48 -0.45	51.80 2.35 -0.76	44.72 1.96 -0.93	43.95 1.80 -0.67
GLENWOOD_IC_3_G1 23689	40.93 1.07 0.00	43.60 0.93 0.00	44.37 0.79 0.00	52.43 0.92 0.00	45.83 0.74 0.00	41.63 0.73 0.00	50.56 1.06 0.00	50.73 1.66 0.00	66.08 2.42 0.00	62.96 2.91 -0.06	51.65 2.70 -0.64	58.48 3.03 -0.24	54.09 2.86 -0.42	52.56 2.97 -0.56	49.77 2.86 -0.79	53.76 3.02 -0.35	53.10 2.82 -0.42	59.01 3.23 -0.79	59.83 3.18 -0.53	69.17 3.60 -0.48	69.97 3.48 -0.45	51.80 2.35 -0.76	44.72 1.96 -0.93	43.95 1.80 -0.67
GLENWOOD___4 23550	45.80 1.28 -4.66	46.00 1.16 -2.18	44.73 1.01 -0.16	52.65 1.14 -0.01	46.03 0.94 -0.01	44.94 0.90 -3.14	51.10 1.24 -0.36	51.78 1.86 -0.86	71.07 2.78 -4.63	72.88 3.23 -9.66	75.50 2.98 -24.21	71.10 3.33 -12.55	69.99 3.14 -16.03	72.94 3.25 -20.65	78.16 3.12 -28.92	67.71 3.31 -14.01	69.67 3.10 -16.72	88.37 3.52 -29.87	79.00 3.48 -19.40	87.04 3.94 -18.01	86.81 3.84 -16.94	79.22 2.60 -27.93	78.29 2.16 -34.30	69.25 2.01 -25.75
GLENWOOD___5 23614	45.80 1.28 -4.66	46.00 1.16 -2.18	44.73 1.01 -0.16	52.65 1.14 -0.01	46.03 0.94 -0.01	44.94 0.90 -3.14	51.10 1.24 -0.36	51.78 1.86 -0.86	71.07 2.78 -4.63	72.88 3.23 -9.66	75.50 2.98 -24.21	71.10 3.33 -12.55	69.99 3.14 -16.03	72.94 3.25 -20.65	78.16 3.12 -28.92	67.71 3.31 -14.01	69.67 3.10 -16.72	88.37 3.52 -29.87	79.00 3.48 -19.40	87.04 3.94 -18.01	86.81 3.84 -16.94	79.22 2.60 -27.93	78.29 2.16 -34.30	69.25 2.01 -25.75
GLOBAL GREEN_PORT_GT1 23814	38.72 1.12 2.26	42.71 1.10 1.06	44.58 1.08 0.07	52.72 1.22 0.00	45.61 0.52 0.00	39.24 -0.14 1.52	48.26 -1.05 0.18	48.57 -0.05 0.44	61.61 0.36 2.40	55.36 0.77 5.40	52.74 1.61 -2.82	56.04 1.23 0.40	54.04 1.29 -1.93	54.07 1.75 -3.30	51.99 1.96 -3.90	54.01 2.06 -1.56	53.50 1.62 -2.02	61.68 1.95 -4.75	61.29 1.88 -3.29	69.86 2.44 -2.34	71.07 2.50 -2.53	55.62 1.94 -4.99	49.57 1.58 -6.16	47.19 1.70 -4.00
GLOBE___DSASP 323697	37.62 -2.24 0.00	40.11 -2.56 0.00	40.96 -2.61 0.00	48.40 -3.11 0.00	42.25 -2.84 0.00	37.69 -3.21 0.00	44.77 -4.72 0.00	44.50 -4.56 0.00	57.90 -5.75 0.00	54.34 -5.49 0.16	43.39 -4.92 0.00	49.54 -5.67 0.00	45.57 -5.25 0.00	43.63 -5.41 0.00	40.65 -5.44 0.03	44.62 -5.77 0.00	43.42 -5.39 1.05	45.93 -6.96 2.09	49.09 -7.03 0.00	49.16 -8.21 7.72	45.80 -7.87 12.36	32.92 -5.45 10.32	29.16 -4.11 8.56	31.13 -3.15 7.22
GOETHSLN___LBMP 323567	40.66 0.80 0.00	43.31 0.65 0.00	44.13 0.56 0.00	52.22 0.71 0.00	45.64 0.55 0.00	41.47 0.56 0.00	50.49 0.99 0.00	50.72 1.66 0.00	65.92 2.27 0.00	62.83 2.84 0.00	50.93 2.62 0.00	58.17 2.95 0.00	53.59 2.77 0.00	51.90 2.86 0.00	48.88 2.76 0.00	53.31 2.92 0.00	52.61 2.76 0.00	58.14 3.15 0.00	59.18 3.05 0.00	68.64 3.55 0.00	69.40 3.37 0.00	50.83 2.14 0.00	43.68 1.85 0.00	43.04 1.55 0.00
GOLAH___69_KV_TB 1_2 80279	39.31 -0.55 0.00	41.90 -0.76 0.00	42.79 -0.78 0.00	50.60 -0.90 0.00	44.28 -0.81 0.00	40.15 -0.75 0.00	48.47 -1.03 0.00	48.21 -0.85 0.00	62.33 -1.33 0.00	58.28 -1.67 0.03	46.50 -1.81 0.00	53.16 -2.05 0.00	48.90 -1.92 0.00	46.93 -2.10 0.00	43.82 -2.30 0.00	47.93 -2.46 0.00	47.42 -2.23 0.20	51.82 -2.77 0.40	53.74 -2.39 0.00	61.04 -2.57 1.48	61.37 -2.29 2.37	45.08 -1.63 1.98	38.99 -1.20 1.64	39.33 -0.77 1.39

GOODYEAR_LAKE_HYD 323669	41.27 1.41 0.00	44.09 1.43 0.00	45.09 1.52 0.00	53.35 1.84 0.00	46.73 1.64 0.00	42.36 1.46 0.00	51.50 2.01 0.00	51.27 2.21 0.00	66.30 2.64 0.00	62.51 2.52 0.00	50.47 2.16 0.00	57.64 2.43 0.00	53.03 2.21 0.00	51.14 2.11 0.00	48.06 1.93 0.00	52.55 2.16 0.00	51.94 2.09 0.00	57.26 2.27 0.00	58.69 2.56 0.00	67.91 2.82 0.00	68.79 2.76 0.00	50.70 2.01 0.00	43.50 1.67 0.00	43.07 1.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.17 0.31 0.00	42.79 0.13 0.00	43.81 0.24 0.00	51.81 0.30 0.00	45.31 0.23 0.00	40.94 0.04 0.00	49.59 0.09 0.00	49.36 0.30 0.00	63.97 0.31 0.00	60.27 0.28 0.00	48.67 0.36 0.00	55.72 0.51 0.00	51.16 0.35 0.00	49.29 0.26 0.00	46.35 0.22 0.00	50.53 0.14 0.00	49.93 0.08 0.00	55.03 0.04 0.00	56.31 0.18 0.00	65.21 0.12 0.00	66.17 0.14 0.00	48.77 0.08 0.00	41.95 0.12 0.00	41.65 0.16 0.00
GOUDEY___7 23579	40.17 0.31 0.00	42.79 0.13 0.00	43.81 0.24 0.00	51.81 0.30 0.00	45.31 0.23 0.00	40.94 0.04 0.00	49.59 0.09 0.00	49.36 0.30 0.00	63.97 0.31 0.00	60.27 0.28 0.00	48.67 0.36 0.00	55.72 0.51 0.00	51.16 0.35 0.00	49.29 0.26 0.00	46.35 0.22 0.00	50.53 0.14 0.00	49.93 0.08 0.00	55.03 0.04 0.00	56.31 0.18 0.00	65.21 0.12 0.00	66.17 0.14 0.00	48.77 0.08 0.00	41.95 0.12 0.00	41.65 0.16 0.00
GOUDEY___8 23580	40.17 0.31 0.00	42.79 0.13 0.00	43.81 0.24 0.00	51.81 0.30 0.00	45.31 0.23 0.00	40.94 0.04 0.00	49.59 0.09 0.00	49.36 0.30 0.00	63.97 0.31 0.00	60.27 0.28 0.00	48.67 0.36 0.00	55.72 0.51 0.00	51.16 0.35 0.00	49.29 0.26 0.00	46.35 0.22 0.00	50.53 0.14 0.00	49.93 0.08 0.00	55.03 0.04 0.00	56.31 0.18 0.00	65.21 0.12 0.00	66.17 0.14 0.00	48.77 0.08 0.00	41.95 0.12 0.00	41.65 0.16 0.00
GOWANUS_GT1_1 24077	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.51 3.62 -27.90	99.18 3.14 -47.73	101.44 3.54 -42.69	99.90 3.32 -45.76	98.80 3.52 -46.24	100.28 3.33 -50.83	99.00 3.54 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.92 4.26 -28.62	98.88 2.83 -47.36	94.88 2.33 -50.72	57.41 2.12 -13.80
GOWANUS_GT1_2 24078	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.51 3.62 -27.90	99.18 3.14 -47.73	101.44 3.54 -42.69	99.90 3.32 -45.76	98.80 3.52 -46.24	100.28 3.33 -50.83	99.00 3.54 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.92 4.26 -28.62	98.88 2.83 -47.36	94.88 2.33 -50.72	57.41 2.12 -13.80
GOWANUS_GT1_3 24079	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.51 3.62 -27.90	99.18 3.14 -47.73	101.44 3.54 -42.69	99.90 3.32 -45.76	98.80 3.52 -46.24	100.28 3.33 -50.83	99.00 3.54 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.92 4.26 -28.62	98.88 2.83 -47.36	94.88 2.33 -50.72	57.41 2.12 -13.80
GOWANUS_GT1_4 24080	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.51 3.62 -27.90	99.18 3.14 -47.73	101.44 3.54 -42.69	99.90 3.32 -45.76	98.80 3.52 -46.24	100.28 3.33 -50.83	99.00 3.54 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.92 4.26 -28.62	98.88 2.83 -47.36	94.88 2.33 -50.72	57.41 2.12 -13.80
GOWANUS_GT1_5 24084	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.51 3.62 -27.90	99.18 3.14 -47.73	101.44 3.54 -42.69	99.90 3.32 -45.76	98.80 3.52 -46.24	100.28 3.33 -50.83	99.00 3.54 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.92 4.26 -28.62	98.88 2.83 -47.36	94.88 2.33 -50.72	57.41 2.12 -13.80
GOWANUS_GT1_6 24111	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.51 3.62 -27.90	99.18 3.14 -47.73	101.44 3.54 -42.69	99.90 3.32 -45.76	98.80 3.52 -46.24	100.28 3.33 -50.83	99.00 3.54 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.92 4.26 -28.62	98.88 2.83 -47.36	94.88 2.33 -50.72	57.41 2.12 -13.80
GOWANUS_GT1_7 24112	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.51 3.62 -27.90	99.18 3.14 -47.73	101.44 3.54 -42.69	99.90 3.32 -45.76	98.80 3.52 -46.24	100.28 3.33 -50.83	99.00 3.54 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.92 4.26 -28.62	98.88 2.83 -47.36	94.88 2.33 -50.72	57.41 2.12 -13.80
GOWANUS_GT1_8 24113	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.51 3.62 -27.90	99.18 3.14 -47.73	101.44 3.54 -42.69	99.90 3.32 -45.76	98.80 3.52 -46.24	100.28 3.33 -50.83	99.00 3.54 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.92 4.26 -28.62	98.88 2.83 -47.36	94.88 2.33 -50.72	57.41 2.12 -13.80
GOWANUS_GT2_1 24114	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
GOWANUS_GT2_2 24115	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
GOWANUS_GT2_3 24116	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80

GOWANUS_GT2_4 24117	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
GOWANUS_GT2_5 24118	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
GOWANUS_GT2_6 24119	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
GOWANUS_GT2_7 24120	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
GOWANUS_GT2_8 24121	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
GOWANUS_GT3_1 24122	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.19 3.16 -47.73	101.44 3.54 -42.69	99.89 3.30 -45.76	98.80 3.52 -46.24	100.29 3.33 -50.83	99.00 3.53 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.90 4.24 -28.62	98.87 2.82 -47.36	94.88 2.32 -50.72	57.40 2.11 -13.80
GOWANUS_GT3_2 24123	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.19 3.16 -47.73	101.44 3.54 -42.69	99.89 3.30 -45.76	98.80 3.52 -46.24	100.29 3.33 -50.83	99.00 3.53 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.90 4.24 -28.62	98.87 2.82 -47.36	94.88 2.32 -50.72	57.40 2.11 -13.80
GOWANUS_GT3_3 24124	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.19 3.16 -47.73	101.44 3.54 -42.69	99.89 3.30 -45.76	98.80 3.52 -46.24	100.29 3.33 -50.83	99.00 3.53 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.90 4.24 -28.62	98.87 2.82 -47.36	94.88 2.32 -50.72	57.40 2.11 -13.80
GOWANUS_GT3_4 24125	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.19 3.16 -47.73	101.44 3.54 -42.69	99.89 3.30 -45.76	98.80 3.52 -46.24	100.29 3.33 -50.83	99.00 3.53 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.90 4.24 -28.62	98.87 2.82 -47.36	94.88 2.32 -50.72	57.40 2.11 -13.80
GOWANUS_GT3_5 24126	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.19 3.16 -47.73	101.44 3.54 -42.69	99.89 3.30 -45.76	98.80 3.52 -46.24	100.29 3.33 -50.83	99.00 3.53 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.90 4.24 -28.62	98.87 2.82 -47.36	94.88 2.32 -50.72	57.40 2.11 -13.80
GOWANUS_GT3_6 24127	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.19 3.16 -47.73	101.44 3.54 -42.69	99.89 3.30 -45.76	98.80 3.52 -46.24	100.29 3.33 -50.83	99.00 3.53 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.90 4.24 -28.62	98.87 2.82 -47.36	94.88 2.32 -50.72	57.40 2.11 -13.80
GOWANUS_GT3_7 24128	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.19 3.16 -47.73	101.44 3.54 -42.69	99.89 3.30 -45.76	98.80 3.52 -46.24	100.29 3.33 -50.83	99.00 3.53 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.90 4.24 -28.62	98.87 2.82 -47.36	94.88 2.32 -50.72	57.40 2.11 -13.80
GOWANUS_GT3_8 24129	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.19 3.16 -47.73	101.44 3.54 -42.69	99.89 3.30 -45.76	98.80 3.52 -46.24	100.29 3.33 -50.83	99.00 3.53 -45.07	101.45 3.37 -48.22	98.98 3.82 -40.18	98.85 3.82 -38.90	98.98 4.44 -29.46	98.90 4.24 -28.62	98.87 2.82 -47.36	94.88 2.32 -50.72	57.40 2.11 -13.80
GOWANUS_GT4_1 24130	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
GOWANUS_GT4_2 24131	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80

GOWANUS_GT4_3 24132	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
GOWANUS_GT4_4 24133	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
GOWANUS_GT4_5 24134	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
GOWANUS_GT4_6 24135	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
GOWANUS_GT4_7 24136	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
GOWANUS_GT4_8 24137	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
GREENBSH_115KV_TB3 55895	39.36 -0.50 0.00	42.09 -0.57 0.00	42.94 -0.63 0.00	50.76 -0.75 0.00	44.45 -0.64 0.00	40.46 -0.44 0.00	48.88 -0.61 0.00	48.66 -0.40 0.00	63.29 -0.36 0.00	59.92 -0.07 0.00	48.42 0.11 0.00	55.32 0.11 0.00	50.92 0.10 0.00	49.24 0.20 0.00	46.40 0.28 0.00	50.73 0.34 0.00	50.25 0.40 0.00	55.56 0.57 0.00	56.58 0.45 0.00	65.45 0.36 0.00	66.24 0.20 0.00	48.92 0.23 0.00	41.96 0.13 0.00	41.55 0.06 0.00
GREENDGE_115KV_TB5 80291	40.19 0.33 0.00	42.79 0.12 0.00	43.82 0.25 0.00	51.68 0.17 0.00	45.35 0.26 0.00	41.07 0.17 0.00	49.60 0.10 0.00	49.34 0.28 0.00	63.42 -0.24 0.00	59.55 -0.71 -0.27	47.69 -0.62 0.00	54.62 -0.59 0.00	50.23 -0.59 0.00	48.23 -0.81 0.00	45.23 -0.94 -0.05	49.24 -1.16 0.00	50.57 -1.03 -1.75	57.15 -1.32 -3.48	55.23 -0.90 0.00	77.14 -0.79 -12.84	85.29 -1.26 -20.51	64.98 -0.84 -17.14	55.27 -0.78 -14.21	52.84 -0.63 -11.98
GREENIDGE___3 23582	40.19 0.33 0.00	42.79 0.12 0.00	43.82 0.25 0.00	51.68 0.17 0.00	45.35 0.26 0.00	41.07 0.17 0.00	49.60 0.10 0.00	49.34 0.28 0.00	63.42 -0.24 0.00	59.55 -0.71 -0.27	47.69 -0.62 0.00	54.62 -0.59 0.00	50.23 -0.59 0.00	48.23 -0.81 0.00	45.23 -0.94 -0.05	49.24 -1.16 0.00	50.57 -1.03 -1.75	57.15 -1.32 -3.48	55.23 -0.90 0.00	77.14 -0.79 -12.84	85.29 -1.26 -20.51	64.98 -0.84 -17.14	55.27 -0.78 -14.21	52.84 -0.63 -11.98
GREENIDGE___4 23583	40.19 0.33 0.00	42.79 0.12 0.00	43.82 0.25 0.00	51.68 0.18 0.00	45.35 0.26 0.00	41.07 0.17 0.00	49.59 0.09 0.00	49.35 0.29 0.00	63.43 -0.23 0.00	59.55 -0.71 -0.27	47.72 -0.59 0.00	54.61 -0.60 0.00	50.23 -0.59 0.00	48.23 -0.81 0.00	45.24 -0.94 -0.05	49.23 -1.16 0.00	50.56 -1.04 -1.75	57.14 -1.33 -3.48	55.24 -0.89 0.00	77.15 -0.78 -12.84	85.29 -1.26 -20.51	65.00 -0.83 -17.14	55.28 -0.76 -14.21	52.85 -0.62 -11.98
GREENLWN_69_KV_BK 3 55738	39.37 1.24 1.72	42.92 1.06 0.81	44.34 0.83 0.06	52.36 0.86 0.00	45.75 0.67 0.00	40.33 0.58 1.16	49.98 0.63 0.14	49.87 1.16 0.34	63.92 2.14 1.88	58.26 2.64 4.36	55.13 2.66 -4.17	58.60 2.90 -0.49	56.50 2.85 -2.83	56.45 3.02 -4.40	54.52 2.93 -5.46	55.82 3.07 -2.36	55.56 2.72 -2.99	64.42 3.08 -6.36	63.45 3.01 -4.31	71.86 3.44 -3.32	72.88 3.40 -3.45	57.40 2.26 -6.45	51.74 1.95 -7.96	48.91 1.98 -5.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80
GRISSOM___SOLAR 323813	41.76 1.90 0.00	44.64 1.98 0.00	45.59 2.02 0.00	53.93 2.42 0.00	47.27 2.18 0.00	42.98 2.08 0.00	52.31 2.81 0.00	52.04 2.98 0.00	66.92 3.26 0.00	62.41 2.43 0.00	50.31 2.00 0.00	57.56 2.35 0.00	52.97 2.15 0.00	50.88 1.85 0.00	47.99 1.87 0.00	52.91 2.52 0.00	52.39 2.53 0.00	57.94 2.95 0.00	59.43 3.31 0.00	69.11 4.02 0.00	70.05 4.02 0.00	51.51 2.83 0.00	44.15 2.32 0.00	43.69 2.20 0.00
GROVEVILLE___HYD 323602	40.87 1.01 0.00	43.57 0.90 0.00	44.44 0.87 0.00	52.56 1.05 0.00	45.96 0.87 0.00	41.78 0.88 0.00	50.83 1.34 0.00	50.94 1.88 0.00	66.21 2.55 0.00	62.87 2.88 0.00	50.98 2.67 0.00	58.22 3.01 0.00	53.61 2.79 0.00	51.91 2.87 0.00	48.89 2.77 0.00	53.35 2.96 0.00	52.68 2.83 0.00	58.26 3.27 0.00	59.38 3.26 0.00	68.81 3.72 0.00	69.57 3.53 0.00	51.12 2.43 0.00	43.82 1.98 0.00	43.22 1.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.83 -0.03 0.00	42.50 -0.16 0.00	43.47 -0.09 0.00	51.38 -0.13 0.00	45.02 -0.07 0.00	40.86 -0.04 0.00	49.55 0.05 0.00	49.25 0.19 0.00	63.76 0.10 0.00	59.85 -0.14 0.00	48.18 -0.13 0.00	55.09 -0.12 0.00	50.65 -0.17 0.00	48.80 -0.24 0.00	45.86 -0.27 0.00	50.10 -0.29 0.00	49.70 -0.15 0.00	54.94 -0.04 0.00	56.23 0.10 0.00	65.27 0.18 0.00	66.05 0.02 0.00	48.65 -0.04 0.00	41.76 -0.08 0.00	41.42 -0.07 0.00

HAMLTNNY_34_KV_TB 80303	39.89 0.03 0.00	42.56 -0.10 0.00	43.57 0.00 0.00	51.44 -0.06 0.00	45.12 0.03 0.00	40.96 0.05 0.00	49.66 0.16 0.00	49.37 0.31 0.00	63.88 0.22 0.00	59.86 -0.13 0.00	48.12 -0.19 0.00	55.02 -0.19 0.00	50.62 -0.20 0.00	48.70 -0.34 0.00	45.76 -0.36 0.00	50.03 -0.36 0.00	49.62 -0.23 0.00	54.77 -0.22 0.00	56.07 -0.05 0.00	65.18 0.09 0.00	66.12 0.08 0.00	48.71 0.02 0.00	41.79 -0.04 0.00	41.49 0.00 0.00
HAMPSHIRE___PAPER_HYD 323593	39.71 -0.14 0.00	42.73 0.06 0.00	43.62 0.05 0.00	51.56 0.05 0.00	45.13 0.04 0.00	41.02 0.12 0.00	49.85 0.36 0.00	49.12 0.06 0.00	63.05 -0.60 0.00	58.62 -1.37 0.00	46.73 -1.57 0.00	53.61 -1.60 0.00	49.39 -1.42 0.00	47.39 -1.65 0.00	44.45 -1.68 0.00	48.60 -1.79 0.00	48.15 -1.70 0.00	53.10 -1.89 0.00	54.51 -1.62 0.00	64.09 -1.01 0.00	65.16 -0.87 0.00	47.78 -0.91 0.00	41.28 -0.56 0.00	40.76 -0.73 0.00
HARDSCRABBLE_WT_PWR 323673	38.60 -1.26 0.00	41.03 -1.64 0.00	41.99 -1.58 0.00	49.65 -1.86 0.00	43.53 -1.56 0.00	39.76 -1.14 0.00	48.40 -1.10 0.00	48.31 -0.75 0.00	62.54 -1.12 0.00	58.93 -1.06 0.00	48.12 -0.19 0.00	54.79 -0.42 0.00	50.34 -0.48 0.00	48.40 -0.63 0.00	45.95 -0.17 0.00	50.42 0.02 0.00	49.86 0.01 0.00	55.40 0.42 0.00	56.84 0.72 0.00	65.77 0.68 0.00	66.29 0.25 0.00	48.84 0.15 0.00	41.65 -0.18 0.00	41.11 -0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.57 0.71 0.00	43.25 0.59 0.00	44.15 0.58 0.00	52.23 0.73 0.00	45.69 0.60 0.00	41.47 0.57 0.00	50.45 0.96 0.00	50.52 1.46 0.00	65.68 2.02 0.00	62.35 2.36 0.00	50.57 2.26 0.00	57.78 2.57 0.00	53.24 2.42 0.00	51.52 2.48 0.00	48.53 2.41 0.00	52.90 2.51 0.00	52.24 2.38 0.00	57.76 2.78 0.00	58.87 2.75 0.00	68.23 3.14 0.00	68.96 2.93 0.00	50.66 1.97 0.00	43.44 1.61 0.00	42.87 1.38 0.00
HARSNRAD_115KV_TB1 81005	38.05 -1.81 0.00	40.56 -2.10 0.00	41.41 -2.16 0.00	48.96 -2.55 0.00	42.77 -2.32 0.00	38.20 -2.70 0.00	45.71 -3.79 0.00	45.48 -3.58 0.00	59.03 -4.63 0.00	55.30 -4.50 0.20	44.13 -4.18 0.00	50.40 -4.81 0.00	46.38 -4.44 0.00	44.36 -4.68 0.00	41.34 -4.74 0.04	45.31 -5.08 0.00	43.87 -4.71 1.27	46.47 -5.98 2.54	50.21 -5.91 0.00	48.81 -6.90 9.38	44.46 -6.57 15.00	31.61 -4.54 12.54	27.99 -3.44 10.40	30.04 -2.69 8.76
HARZA MOOSE___RIVER 24016	40.40 0.54 0.00	43.29 0.63 0.00	44.22 0.65 0.00	52.27 0.77 0.00	45.75 0.66 0.00	41.62 0.72 0.00	50.67 1.17 0.00	50.22 1.16 0.00	64.65 0.99 0.00	60.32 0.34 0.00	48.27 -0.04 0.00	55.21 0.00 0.00	50.80 -0.02 0.00	48.86 -0.17 0.00	45.92 -0.20 0.00	50.25 -0.14 0.00	49.85 -0.01 0.00	55.02 0.03 0.00	56.47 0.34 0.00	66.03 0.94 0.00	66.94 0.91 0.00	49.04 0.34 0.00	42.32 0.48 0.00	41.64 0.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.56 -0.30 0.00	42.23 -0.43 0.00	43.15 -0.42 0.00	51.02 -0.49 0.00	44.67 -0.42 0.00	40.55 -0.35 0.00	49.14 -0.35 0.00	48.86 -0.20 0.00	63.31 -0.35 0.00	59.52 -0.47 0.00	47.90 -0.41 0.00	54.77 -0.44 0.00	50.36 -0.46 0.00	48.53 -0.50 0.00	45.61 -0.52 0.00	49.83 -0.56 0.00	49.30 -0.55 0.00	54.30 -0.69 0.00	55.50 -0.63 0.00	64.42 -0.67 0.00	65.54 -0.50 0.00	48.30 -0.39 0.00	41.48 -0.36 0.00	41.14 -0.35 0.00
HELLGATE_13_KV_LD 55870	40.99 1.12 0.00	43.62 0.95 0.00	44.41 0.84 0.00	52.54 1.03 0.00	45.92 0.84 0.00	41.75 0.85 0.00	50.88 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.86 3.37 -9.50	74.94 3.05 -23.58	83.73 3.45 -25.07	83.90 3.23 -29.86	69.82 3.33 -17.46	68.03 3.17 -18.73	68.62 3.37 -14.86	74.48 3.20 -21.42	62.72 3.63 -4.11	60.46 3.55 -0.78	69.18 4.09 0.00	69.93 3.89 0.00	51.46 2.57 -0.20	46.47 2.17 -2.47	43.40 1.90 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.99 1.12 0.00	43.62 0.95 0.00	44.41 0.84 0.00	52.54 1.03 0.00	45.92 0.84 0.00	41.75 0.85 0.00	50.88 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.86 3.37 -9.50	74.94 3.05 -23.58	83.73 3.45 -25.07	83.90 3.23 -29.86	69.82 3.33 -17.46	68.03 3.17 -18.73	68.62 3.37 -14.86	74.48 3.20 -21.42	62.72 3.63 -4.11	60.46 3.55 -0.78	69.18 4.09 0.00	69.93 3.89 0.00	51.46 2.57 -0.20	46.47 2.17 -2.47	43.40 1.90 -0.01
HEMPSTEAD____ 23647	47.19 1.23 -6.10	46.60 1.08 -2.86	44.66 0.88 -0.21	52.46 0.94 -0.01	45.87 0.77 -0.01	45.75 0.74 -4.11	50.89 0.95 -0.44	51.67 1.55 -1.06	71.92 2.54 -5.72	74.41 2.98 -11.44	75.41 2.77 -24.33	71.74 3.09 -13.44	69.90 2.92 -16.17	72.75 3.04 -20.67	77.95 2.94 -28.88	67.77 3.11 -14.27	69.71 2.82 -17.03	88.18 3.20 -30.00	78.64 3.14 -19.38	86.62 3.48 -18.05	86.43 3.42 -16.97	78.98 2.32 -27.97	78.12 1.96 -34.33	69.92 1.89 -26.54
HEWLETT_69_KV_BK3 55828	68.94 1.61 -27.48	57.00 1.48 -12.86	45.70 1.18 -0.94	52.85 1.29 -0.05	46.20 1.06 -0.05	60.41 1.02 -18.48	53.23 1.34 -2.40	56.72 1.91 -5.75	97.71 3.02 -31.03	123.38 3.46 -59.94	128.34 3.15 -76.88	110.55 3.53 -51.81	105.58 3.34 -51.43	115.69 3.41 -63.25	138.49 3.27 -89.09	100.55 3.50 -46.66	108.64 3.30 -55.49	151.29 3.71 -92.59	118.51 3.70 -58.68	125.58 4.21 -56.28	122.60 4.21 -52.35	135.19 2.84 -83.66	146.89 2.35 -102.72	119.95 2.28 -76.18
HICKLING___1 23621	40.33 0.47 0.00	42.86 0.19 0.00	43.96 0.39 0.00	51.96 0.46 0.00	45.43 0.34 0.00	40.91 0.01 0.00	49.52 0.03 0.00	49.32 0.26 0.00	63.64 -0.01 0.00	59.87 -0.21 -0.09	48.26 -0.05 0.00	55.34 0.13 0.00	50.73 -0.09 0.00	48.77 -0.27 0.00	45.73 -0.41 -0.02	49.69 -0.70 0.00	49.64 -0.78 -0.57	55.30 -0.82 -1.14	55.55 -0.57 0.00	68.60 -0.69 -4.20	71.96 -0.77 -6.69	53.55 -0.73 -5.59	45.80 -0.67 -4.64	44.83 -0.57 -3.91
HICKLING___2 23622	40.33 0.47 0.00	42.86 0.19 0.00	43.96 0.39 0.00	51.96 0.46 0.00	45.43 0.34 0.00	40.91 0.01 0.00	49.52 0.03 0.00	49.32 0.26 0.00	63.64 -0.01 0.00	59.87 -0.21 -0.09	48.26 -0.05 0.00	55.34 0.13 0.00	50.73 -0.09 0.00	48.77 -0.27 0.00	45.73 -0.41 -0.02	49.69 -0.70 0.00	49.64 -0.78 -0.57	55.30 -0.82 -1.14	55.55 -0.57 0.00	68.60 -0.69 -4.20	71.96 -0.77 -6.69	53.55 -0.73 -5.59	45.80 -0.67 -4.64	44.83 -0.57 -3.91
HIGH FALLS___HY 23754	41.10 1.24 0.00	43.78 1.12 0.00	44.68 1.11 0.00	52.82 1.31 0.00	46.21 1.12 0.00	41.97 1.07 0.00	51.16 1.66 0.00	51.30 2.24 0.00	66.69 3.03 0.00	63.28 3.30 0.00	51.39 3.08 0.00	58.68 3.47 0.00	53.96 3.14 0.00	52.23 3.19 0.00	49.20 3.08 0.00	53.61 3.22 0.00	52.92 3.07 0.00	58.50 3.51 0.00	59.72 3.60 0.00	69.21 4.12 0.00	69.98 3.95 0.00	51.41 2.72 0.00	44.04 2.21 0.00	43.42 1.93 0.00
HIGH_RIVER___SOLAR 323847	40.92 1.06 0.00	43.74 1.08 0.00	44.65 1.08 0.00	52.81 1.31 0.00	46.26 1.17 0.00	42.02 1.12 0.00	50.98 1.48 0.00	50.72 1.66 0.00	65.53 1.87 0.00	61.30 1.31 0.00	49.52 1.21 0.00	56.49 1.28 0.00	52.13 1.31 0.00	50.20 1.16 0.00	47.31 1.19 0.00	52.00 1.61 0.00	51.45 1.60 0.00	56.89 1.90 0.00	58.20 2.07 0.00	67.60 2.51 0.00	68.50 2.47 0.00	50.44 1.75 0.00	43.27 1.43 0.00	42.85 1.36 0.00

HILLBURN___GT 23639	40.43 0.57 0.00	43.09 0.43 0.00	44.01 0.44 0.00	52.09 0.58 0.00	45.54 0.45 0.00	41.32 0.42 0.00	50.29 0.79 0.00	50.37 1.31 0.00	65.47 1.81 0.00	62.18 2.19 0.00	50.44 2.13 0.00	57.65 2.43 0.00	53.11 2.29 0.00	51.40 2.36 0.00	48.43 2.31 0.00	52.79 2.40 0.00	52.08 2.23 0.00	57.60 2.61 0.00	58.67 2.55 0.00	68.03 2.94 0.00	68.73 2.70 0.00	50.46 1.77 0.00	43.29 1.46 0.00	42.72 1.23 0.00
HILLSIDE_115KV_TB1 80332	39.92 0.06 0.00	42.41 -0.26 0.00	43.53 -0.03 0.00	51.43 -0.07 0.00	44.94 -0.15 0.00	40.47 -0.43 0.00	48.96 -0.54 0.00	48.78 -0.28 0.00	63.07 -0.59 0.00	59.43 -0.63 -0.08	48.03 -0.28 0.00	55.10 -0.11 0.00	50.54 -0.28 0.00	48.61 -0.42 0.00	45.65 -0.48 -0.01	49.60 -0.79 0.00	49.45 -0.92 -0.52	54.96 -1.06 -1.03	55.28 -0.85 0.00	67.84 -1.05 -3.81	71.00 -1.10 -6.07	52.86 -0.89 -5.07	45.31 -0.73 -4.20	44.41 -0.62 -3.54
HISHELDN_WT_PWR 323625	38.83 -1.03 0.00	41.32 -1.35 0.00	42.28 -1.29 0.00	49.99 -1.52 0.00	43.69 -1.40 0.00	39.15 -1.76 0.00	47.04 -2.46 0.00	46.74 -2.31 0.00	60.17 -3.49 0.00	55.40 -3.67 0.92	45.13 -3.18 0.00	51.65 -3.57 0.00	47.53 -3.29 0.00	45.39 -3.64 0.00	42.16 -3.80 0.17	46.25 -4.14 0.00	39.79 -4.06 6.00	38.26 -4.76 11.96	51.43 -4.69 0.00	15.44 -5.50 44.15	-9.89 -5.32 70.60	-14.16 -3.86 58.99	-10.49 -3.40 48.92	-2.87 -3.12 41.23
HOLTSVILLE_IC_1 23690	38.46 0.90 2.31	42.27 0.68 1.08	43.92 0.43 0.07	51.87 0.37 0.00	45.26 0.18 0.00	39.42 0.07 1.55	49.19 -0.11 0.19	49.09 0.48 0.45	62.48 1.27 2.45	56.23 1.75 5.50	53.07 2.06 -2.70	56.88 2.14 0.48	54.87 2.20 -1.85	54.71 2.47 -3.20	52.37 2.48 -3.77	54.41 2.54 -1.48	53.97 2.18 -1.94	62.02 2.43 -4.61	61.70 2.38 -3.20	70.02 2.68 -2.25	71.12 2.63 -2.45	55.36 1.81 -4.86	49.38 1.55 -6.00	46.95 1.57 -3.88
HOLTSVILLE_IC_10 23699	38.76 1.00 2.09	42.46 0.77 0.98	44.02 0.52 0.07	51.98 0.47 0.00	45.36 0.28 0.00	39.67 0.18 1.41	49.36 0.04 0.17	49.33 0.68 0.41	62.96 1.54 2.24	56.90 1.99 5.07	53.78 2.25 -3.23	57.47 2.39 0.13	55.44 2.42 -2.20	55.36 2.70 -3.62	53.20 2.71 -4.37	54.97 2.79 -1.80	54.60 2.43 -2.31	62.92 2.71 -5.23	62.38 2.66 -3.59	70.76 3.04 -2.63	71.79 2.95 -2.81	56.16 2.05 -5.42	50.26 1.74 -6.69	47.65 1.73 -4.43
HOLTSVILLE_IC_2 23691	38.46 0.90 2.31	42.27 0.68 1.08	43.92 0.43 0.07	51.87 0.37 0.00	45.26 0.18 0.00	39.42 0.07 1.55	49.19 -0.11 0.19	49.09 0.48 0.45	62.48 1.27 2.45	56.23 1.75 5.50	53.07 2.06 -2.70	56.88 2.14 0.48	54.87 2.20 -1.85	54.71 2.47 -3.20	52.37 2.48 -3.77	54.41 2.54 -1.48	53.97 2.18 -1.94	62.02 2.43 -4.61	61.70 2.38 -3.20	70.02 2.68 -2.25	71.12 2.63 -2.45	55.36 1.81 -4.86	49.38 1.55 -6.00	46.95 1.57 -3.88
HOLTSVILLE_IC_3 23692	38.46 0.90 2.31	42.27 0.68 1.08	43.92 0.43 0.07	51.87 0.37 0.00	45.26 0.18 0.00	39.42 0.07 1.55	49.19 -0.11 0.19	49.09 0.48 0.45	62.48 1.27 2.45	56.23 1.75 5.50	53.07 2.06 -2.70	56.88 2.14 0.48	54.87 2.20 -1.85	54.71 2.47 -3.20	52.37 2.48 -3.77	54.41 2.54 -1.48	53.97 2.18 -1.94	62.02 2.43 -4.61	61.70 2.38 -3.20	70.02 2.68 -2.25	71.12 2.63 -2.45	55.36 1.81 -4.86	49.38 1.55 -6.00	46.95 1.57 -3.88
HOLTSVILLE_IC_4 23693	38.46 0.90 2.31	42.27 0.68 1.08	43.92 0.43 0.07	51.87 0.37 0.00	45.26 0.18 0.00	39.42 0.07 1.55	49.19 -0.11 0.19	49.09 0.48 0.45	62.48 1.27 2.45	56.23 1.75 5.50	53.07 2.06 -2.70	56.88 2.14 0.48	54.87 2.20 -1.85	54.71 2.47 -3.20	52.37 2.48 -3.77	54.41 2.54 -1.48	53.97 2.18 -1.94	62.02 2.43 -4.61	61.70 2.38 -3.20	70.02 2.68 -2.25	71.12 2.63 -2.45	55.36 1.81 -4.86	49.38 1.55 -6.00	46.95 1.57 -3.88
HOLTSVILLE_IC_5 23694	38.46 0.90 2.31	42.27 0.68 1.08	43.92 0.43 0.07	51.87 0.37 0.00	45.26 0.18 0.00	39.42 0.07 1.55	49.19 -0.11 0.19	49.09 0.48 0.45	62.48 1.27 2.45	56.23 1.75 5.50	53.07 2.06 -2.70	56.88 2.14 0.48	54.87 2.20 -1.85	54.71 2.47 -3.20	52.37 2.48 -3.77	54.41 2.54 -1.48	53.97 2.18 -1.94	62.02 2.43 -4.61	61.70 2.38 -3.20	70.02 2.68 -2.25	71.12 2.63 -2.45	55.36 1.81 -4.86	49.38 1.55 -6.00	46.95 1.57 -3.88
HOLTSVILLE_IC_6 23695	38.76 1.00 2.09	42.46 0.77 0.98	44.02 0.52 0.07	51.98 0.47 0.00	45.36 0.28 0.00	39.67 0.18 1.41	49.36 0.04 0.17	49.33 0.68 0.41	62.96 1.54 2.24	56.90 1.99 5.07	53.78 2.25 -3.23	57.47 2.39 0.13	55.44 2.42 -2.20	55.36 2.70 -3.62	53.20 2.71 -4.37	54.97 2.79 -1.80	54.60 2.43 -2.31	62.92 2.71 -5.23	62.38 2.66 -3.59	70.76 3.04 -2.63	71.79 2.95 -2.81	56.16 2.05 -5.42	50.26 1.74 -6.69	47.65 1.73 -4.43
HOLTSVILLE_IC_7 23696	38.76 1.00 2.09	42.46 0.77 0.98	44.02 0.52 0.07	51.98 0.47 0.00	45.36 0.28 0.00	39.67 0.18 1.41	49.36 0.04 0.17	49.33 0.68 0.41	62.96 1.54 2.24	56.90 1.99 5.07	53.78 2.25 -3.23	57.47 2.39 0.13	55.44 2.42 -2.20	55.36 2.70 -3.62	53.20 2.71 -4.37	54.97 2.79 -1.80	54.60 2.43 -2.31	62.92 2.71 -5.23	62.38 2.66 -3.59	70.76 3.04 -2.63	71.79 2.95 -2.81	56.16 2.05 -5.42	50.26 1.74 -6.69	47.65 1.73 -4.43
HOLTSVILLE_IC_8 23697	38.76 1.00 2.09	42.46 0.77 0.98	44.02 0.52 0.07	51.98 0.47 0.00	45.36 0.28 0.00	39.67 0.18 1.41	49.36 0.04 0.17	49.33 0.68 0.41	62.96 1.54 2.24	56.90 1.99 5.07	53.78 2.25 -3.23	57.47 2.39 0.13	55.44 2.42 -2.20	55.36 2.70 -3.62	53.20 2.71 -4.37	54.97 2.79 -1.80	54.60 2.43 -2.31	62.92 2.71 -5.23	62.38 2.66 -3.59	70.76 3.04 -2.63	71.79 2.95 -2.81	56.16 2.05 -5.42	50.26 1.74 -6.69	47.65 1.73 -4.43
HOLTSVILLE_IC_9 23698	38.76 1.00 2.09	42.46 0.77 0.98	44.02 0.52 0.07	51.98 0.47 0.00	45.36 0.28 0.00	39.67 0.18 1.41	49.36 0.04 0.17	49.33 0.68 0.41	62.96 1.54 2.24	56.90 1.99 5.07	53.78 2.25 -3.23	57.47 2.39 0.13	55.44 2.42 -2.20	55.36 2.70 -3.62	53.20 2.71 -4.37	54.97 2.79 -1.80	54.60 2.43 -2.31	62.92 2.71 -5.23	62.38 2.66 -3.59	70.76 3.04 -2.63	71.79 2.95 -2.81	56.16 2.05 -5.42	50.26 1.74 -6.69	47.65 1.73 -4.43
HOMER_HL_115KV_TB2 355744	40.21 0.35 0.00	42.74 0.08 0.00	43.86 0.29 0.00	51.94 0.44 0.00	45.23 0.15 0.00	40.42 -0.48 0.00	48.69 -0.81 0.00	48.44 -0.62 0.00	62.81 -0.84 0.00	58.90 -1.09 0.00	47.61 -0.70 0.00	54.52 -0.69 0.00	50.27 -0.55 0.00	48.37 -0.67 0.00	45.32 -0.81 0.00	49.27 -1.12 0.00	48.58 -1.27 0.00	53.06 -1.93 0.00	54.26 -1.86 0.00	62.89 -2.20 0.00	64.09 -1.95 0.00	47.19 -1.50 0.00	40.89 -0.95 0.00	41.23 -0.26 0.00
HOWARD_WT_PWR 323690	40.32 0.46 0.00	42.85 0.18 0.00	43.90 0.33 0.00	51.91 0.40 0.00	45.42 0.33 0.00	40.89 -0.01 0.00	49.47 -0.03 0.00	49.25 0.18 0.00	63.10 -0.56 0.00	59.33 -1.23 -0.57	47.21 -1.10 0.00	54.05 -1.16 0.00	49.59 -1.23 0.00	47.47 -1.57 0.00	44.35 -1.87 -0.10	48.11 -2.28 0.00	51.17 -2.42 -3.73	59.94 -2.49 -7.44	54.15 -1.98 0.00	90.42 -2.13 -27.46	107.29 -2.64 -43.89	82.80 -2.57 -36.67	68.99 -3.26 -30.41	64.08 -3.04 -25.63

HQ_GEN_CEDARS 23644	40.81 0.95 0.00	43.99 1.33 0.00	44.92 1.35 0.00	53.10 1.59 0.00	46.48 1.39 0.00	42.11 1.21 0.00	50.87 1.38 0.00	49.94 0.88 0.00	64.71 1.05 0.00	60.61 0.62 0.00	48.40 0.09 0.00	55.44 0.22 0.00	51.09 0.27 0.00	49.19 0.16 0.00	46.17 0.04 0.00	50.43 0.04 0.00	49.91 0.05 0.00	54.97 -0.02 0.00	56.11 -0.01 0.00	65.34 0.25 0.00	66.52 0.48 0.00	49.10 0.40 0.00	42.31 0.48 0.00	42.15 0.66 0.00
HQ_GEN_CEDARS_PROXY 323590	40.81 0.95 0.00	43.99 1.33 0.00	44.92 1.35 0.00	53.10 1.59 0.00	46.48 1.39 0.00	42.11 1.21 0.00	50.87 1.38 0.00	49.94 0.88 0.00	64.71 1.05 0.00	60.60 0.62 0.00	48.40 0.09 0.00	55.44 0.23 0.00	51.09 0.27 0.00	49.19 0.16 0.00	46.17 0.04 0.00	50.43 0.04 0.00	49.91 0.05 0.00	54.97 -0.02 0.00	56.11 -0.01 0.00	65.18 0.25 0.16	66.52 0.48 0.00	49.10 0.40 0.00	42.31 0.48 0.00	42.15 0.66 0.00
HQ_GEN_IMPORT 323601	40.32 0.46 0.00	43.32 0.65 0.00	44.24 0.67 0.00	52.28 0.78 0.00	45.77 0.68 0.00	41.48 0.58 0.00	50.11 0.61 0.00	49.32 0.26 0.00	64.01 0.35 0.00	60.16 0.17 0.00	48.24 -0.07 0.00	55.17 -0.04 0.00	50.81 -0.01 0.00	48.99 -0.04 0.00	46.04 -0.08 0.00	50.30 -0.09 0.00	49.76 -0.09 0.00	54.82 -0.16 0.00	55.94 -0.18 0.00	64.97 -0.13 0.00	66.01 -0.02 0.00	48.70 0.01 0.00	41.92 0.09 0.00	41.68 0.19 0.00
HQ_GEN_WHEEL 23651	40.32 0.46 0.00	43.32 0.65 0.00	44.24 0.67 0.00	52.28 0.78 0.00	45.77 0.68 0.00	41.48 0.58 0.00	50.11 0.61 0.00	49.32 0.26 0.00	64.01 0.35 0.00	60.16 0.17 0.00	48.24 -0.07 0.00	55.17 -0.04 0.00	50.81 -0.01 0.00	48.99 -0.04 0.00	46.04 -0.08 0.00	50.30 -0.09 0.00	49.76 -0.09 0.00	54.82 -0.16 0.00	55.94 -0.18 0.00	64.97 -0.13 0.00	66.01 -0.02 0.00	48.70 0.01 0.00	41.92 0.09 0.00	41.68 0.19 0.00
HUDSON AVE_GT_3 23810	40.90 1.04 0.00	43.56 0.89 0.00	44.36 0.79 0.00	52.50 0.99 0.00	45.87 0.79 0.00	41.69 0.79 0.00	50.76 1.26 0.00	51.02 1.96 0.00	66.31 2.65 0.00	63.22 3.23 0.00	51.23 2.92 0.00	58.51 3.29 0.00	53.91 3.09 0.00	52.26 3.22 0.00	49.20 3.07 0.00	53.66 3.27 0.00	52.95 3.10 0.00	58.49 3.50 0.00	59.55 3.42 0.00	69.07 3.98 0.00	69.83 3.80 0.00	51.15 2.46 0.00	43.93 2.10 0.00	43.32 1.83 0.00
HUDSON AVE_GT_4 23540	40.90 1.04 0.00	43.56 0.89 0.00	44.36 0.79 0.00	52.50 0.99 0.00	45.87 0.79 0.00	41.69 0.79 0.00	50.76 1.26 0.00	51.02 1.96 0.00	66.31 2.65 0.00	63.22 3.23 0.00	51.23 2.92 0.00	58.51 3.29 0.00	53.91 3.09 0.00	52.26 3.22 0.00	49.20 3.07 0.00	53.66 3.27 0.00	52.95 3.10 0.00	58.49 3.50 0.00	59.55 3.42 0.00	69.07 3.98 0.00	69.83 3.80 0.00	51.15 2.46 0.00	43.93 2.10 0.00	43.32 1.83 0.00
HUDSON AVE_GT_5 23657	40.90 1.04 0.00	43.56 0.89 0.00	44.36 0.79 0.00	52.50 0.99 0.00	45.87 0.79 0.00	41.69 0.79 0.00	50.76 1.26 0.00	51.02 1.96 0.00	66.31 2.65 0.00	63.22 3.23 0.00	51.23 2.92 0.00	58.51 3.29 0.00	53.91 3.09 0.00	52.26 3.22 0.00	49.20 3.07 0.00	53.66 3.27 0.00	52.95 3.10 0.00	58.49 3.50 0.00	59.55 3.42 0.00	69.07 3.98 0.00	69.83 3.80 0.00	51.15 2.46 0.00	43.93 2.10 0.00	43.32 1.83 0.00
HUDSON_AVE_10 24168	40.68 0.83 0.00	43.31 0.64 0.00	44.11 0.54 0.00	50.16 0.68 2.04	45.61 0.52 0.00	41.46 0.56 0.00	50.06 0.98 0.42	50.78 1.72 0.00	65.97 2.32 0.00	64.38 2.90 -1.49	51.84 2.65 -0.88	58.21 3.00 0.00	54.02 2.80 -0.40	52.23 2.95 -0.24	49.96 2.80 -1.03	53.53 3.01 -0.13	52.71 2.85 0.00	58.31 3.20 -0.12	59.41 3.14 -0.15	69.30 3.63 -0.58	69.76 3.44 -0.28	50.92 2.21 -0.03	43.72 1.89 0.00	43.11 1.62 0.00
HUDSON___115KV_TB 4 355613	40.13 0.28 0.00	42.89 0.23 0.00	43.76 0.19 0.00	51.73 0.23 0.00	45.34 0.25 0.00	41.31 0.41 0.00	50.03 0.54 0.00	49.86 0.80 0.00	64.82 1.16 0.00	61.31 1.32 0.00	49.45 1.14 0.00	56.54 1.33 0.00	51.94 1.12 0.00	50.22 1.19 0.00	47.31 1.19 0.00	51.78 1.40 0.00	51.33 1.48 0.00	56.80 1.82 0.00	57.89 1.77 0.00	67.07 1.98 0.00	67.86 1.83 0.00	50.06 1.38 0.00	42.87 1.04 0.00	42.40 0.90 0.00
HUNTER MOUNT___DRP 323613	40.33 0.47 0.00	43.11 0.44 0.00	43.98 0.41 0.00	52.01 0.50 0.00	45.59 0.49 0.00	41.55 0.65 0.00	50.31 0.82 0.00	50.13 1.07 0.00	65.19 1.53 0.00	61.60 1.61 0.00	49.64 1.34 0.00	56.76 1.55 0.00	52.12 1.31 0.00	50.39 1.35 0.00	47.44 1.31 0.00	51.95 1.56 0.00	51.53 1.68 0.00	57.04 2.06 0.00	58.16 2.03 0.00	67.38 2.29 0.00	68.19 2.16 0.00	50.28 1.59 0.00	43.05 1.21 0.00	42.56 1.08 0.00
HUNTINGTON_RES_REC 323705	38.91 1.09 2.03	42.60 0.88 0.95	44.15 0.64 0.07	52.12 0.61 0.00	45.52 0.44 0.00	39.97 0.44 1.36	49.72 0.40 0.16	49.65 1.00 0.40	63.40 1.93 2.18	57.47 2.44 4.95	54.27 2.55 -3.40	57.93 2.74 0.01	55.87 2.73 -2.32	55.77 2.96 -3.77	53.61 2.91 -4.58	55.31 3.01 -1.90	54.95 2.66 -2.44	63.41 2.98 -5.45	62.78 2.92 -3.74	71.22 3.36 -2.76	72.25 3.29 -2.93	56.55 2.25 -5.62	50.67 1.90 -6.94	48.04 1.92 -4.62
HUNTLEY___63 23557	38.44 -1.42 0.00	40.95 -1.72 0.00	41.83 -1.74 0.00	49.43 -2.08 0.00	43.18 -1.91 0.00	38.60 -2.30 0.00	46.18 -3.32 0.00	45.94 -3.13 0.00	59.74 -3.92 0.00	56.02 -3.82 0.15	44.75 -3.56 0.00	51.10 -4.12 0.00	46.99 -3.83 0.00	44.96 -4.07 0.00	41.95 -4.15 0.03	46.00 -4.39 0.00	44.82 -4.05 0.99	47.72 -5.31 1.96	50.84 -5.28 0.00	51.64 -6.20 7.25	48.57 -5.87 11.59	34.97 -4.03 9.69	30.85 -2.95 8.03	32.59 -2.12 6.77
HUNTLEY___64 23558	38.44 -1.42 0.00	40.95 -1.72 0.00	41.83 -1.74 0.00	49.43 -2.08 0.00	43.18 -1.91 0.00	38.60 -2.30 0.00	46.18 -3.32 0.00	45.94 -3.13 0.00	59.74 -3.92 0.00	56.02 -3.82 0.15	44.75 -3.56 0.00	51.10 -4.12 0.00	46.99 -3.83 0.00	44.96 -4.07 0.00	41.95 -4.15 0.03	46.00 -4.39 0.00	44.82 -4.05 0.99	47.72 -5.31 1.96	50.84 -5.28 0.00	51.64 -6.20 7.25	48.57 -5.87 11.59	34.97 -4.03 9.69	30.85 -2.95 8.03	32.59 -2.12 6.77
HUNTLEY___65 23559	38.44 -1.42 0.00	40.95 -1.72 0.00	41.83 -1.74 0.00	49.43 -2.08 0.00	43.18 -1.91 0.00	38.60 -2.30 0.00	46.18 -3.32 0.00	45.94 -3.13 0.00	59.74 -3.92 0.00	56.02 -3.82 0.15	44.75 -3.56 0.00	51.10 -4.12 0.00	46.99 -3.83 0.00	44.96 -4.07 0.00	41.95 -4.15 0.03	46.00 -4.39 0.00	44.82 -4.05 0.99	47.72 -5.31 1.96	50.84 -5.28 0.00	51.64 -6.20 7.25	48.57 -5.87 11.59	34.97 -4.03 9.69	30.85 -2.95 8.03	32.59 -2.12 6.77
HUNTLEY___66 23560	38.44 -1.42 0.00	40.95 -1.72 0.00	41.83 -1.74 0.00	49.43 -2.08 0.00	43.18 -1.91 0.00	38.60 -2.30 0.00	46.18 -3.32 0.00	45.94 -3.13 0.00	59.74 -3.92 0.00	56.02 -3.82 0.15	44.75 -3.56 0.00	51.10 -4.12 0.00	46.99 -3.83 0.00	44.96 -4.07 0.00	41.95 -4.15 0.03	46.00 -4.39 0.00	44.82 -4.05 0.99	47.72 -5.31 1.96	50.84 -5.28 0.00	51.64 -6.20 7.25	48.57 -5.87 11.59	34.97 -4.03 9.69	30.85 -2.95 8.03	32.59 -2.12 6.77

HUNTLEY___67 23561	38.32 -1.54 0.00	40.83 -1.83 0.00	41.72 -1.85 0.00	49.29 -2.22 0.00	43.06 -2.02 0.00	38.47 -2.43 0.00	46.08 -3.41 0.00	45.85 -3.21 0.00	59.66 -3.99 0.00	55.93 -3.91 0.15	44.74 -3.57 0.00	51.09 -4.13 0.00	46.96 -3.85 0.00	44.97 -4.07 0.00	41.99 -4.11 0.03	46.04 -4.35 0.00	44.87 -4.03 0.95	47.77 -5.31 1.90	50.71 -5.41 0.00	51.74 -6.32 7.02	48.82 -5.97 11.24	35.19 -4.11 9.39	31.00 -3.05 7.79	32.67 -2.25 6.56
HUNTLEY___68 23562	38.32 -1.54 0.00	40.83 -1.83 0.00	41.72 -1.85 0.00	49.29 -2.22 0.00	43.06 -2.02 0.00	38.47 -2.43 0.00	46.08 -3.41 0.00	45.85 -3.21 0.00	59.66 -3.99 0.00	55.93 -3.91 0.15	44.74 -3.57 0.00	51.09 -4.13 0.00	46.96 -3.85 0.00	44.97 -4.07 0.00	41.99 -4.11 0.03	46.04 -4.35 0.00	44.87 -4.03 0.95	47.77 -5.31 1.90	50.71 -5.41 0.00	51.74 -6.32 7.02	48.82 -5.97 11.24	35.19 -4.11 9.39	31.00 -3.05 7.79	32.67 -2.25 6.56
HYLAND___LFGE 323620	41.08 1.23 0.00	43.66 1.00 0.00	44.70 1.13 0.00	52.90 1.39 0.00	46.36 1.28 0.00	42.02 1.12 0.00	50.96 1.46 0.00	50.75 1.69 0.00	64.61 0.96 0.00	59.53 -1.08 -0.63	47.00 -1.30 0.00	53.79 -1.42 0.00	49.50 -1.32 0.00	47.49 -1.54 0.00	44.33 -1.91 -0.11	48.28 -2.12 0.00	51.93 -2.01 -4.09	60.97 -2.17 -8.15	55.67 -0.46 0.00	95.29 0.14 -30.06	114.61 0.53 -48.05	89.00 0.17 -40.15	74.99 -0.13 -33.29	69.63 0.07 -28.06
INDECK___CORINTH 23802	41.17 1.31 0.00	44.01 1.35 0.00	44.91 1.34 0.00	53.07 1.57 0.00	46.52 1.43 0.00	42.36 1.46 0.00	51.26 1.76 0.00	50.95 1.89 0.00	66.05 2.39 0.00	62.29 2.30 0.00	50.23 1.91 0.00	57.44 2.23 0.00	53.06 2.24 0.00	51.22 2.18 0.00	48.39 2.26 0.00	52.99 2.60 0.00	52.53 2.67 0.00	58.19 3.20 0.00	59.33 3.20 0.00	68.66 3.57 0.00	69.47 3.44 0.00	51.08 2.39 0.00	43.71 1.88 0.00	43.37 1.87 0.00
INDECK___ILION 23567	38.62 -1.24 0.00	41.04 -1.63 0.00	41.98 -1.58 0.00	49.65 -1.86 0.00	43.54 -1.55 0.00	39.79 -1.11 0.00	48.48 -1.02 0.00	48.41 -0.65 0.00	62.65 -1.00 0.00	59.02 -0.97 0.00	48.24 -0.07 0.00	54.91 -0.30 0.00	50.47 -0.35 0.00	48.54 -0.49 0.00	46.10 -0.03 0.00	50.60 0.21 0.00	50.06 0.21 0.00	55.67 0.68 0.00	57.15 1.02 0.00	66.10 1.01 0.00	66.56 0.52 0.00	49.06 0.37 0.00	41.78 -0.05 0.00	41.21 -0.28 0.00
INDECK___OLEAN 23982	40.21 0.35 0.00	42.74 0.08 0.00	43.86 0.29 0.00	51.96 0.45 0.00	45.23 0.15 0.00	40.43 -0.47 0.00	48.68 -0.81 0.00	48.44 -0.62 0.00	62.82 -0.83 0.00	58.89 -1.10 0.00	47.61 -0.70 0.00	54.52 -0.69 0.00	50.31 -0.51 0.00	48.36 -0.68 0.00	45.33 -0.79 0.00	49.29 -1.10 0.00	48.58 -1.27 0.00	53.06 -1.92 0.00	54.25 -1.88 0.00	62.93 -2.16 0.00	64.13 -1.90 0.00	47.25 -1.44 0.00	40.94 -0.90 0.00	41.29 -0.20 0.00
INDECK___OSWEGO 23783	39.14 -0.71 0.00	41.81 -0.85 0.00	42.70 -0.86 0.00	50.50 -1.01 0.00	44.21 -0.88 0.00	40.14 -0.76 0.00	48.65 -0.85 0.00	48.33 -0.73 0.00	62.54 -1.11 0.00	58.76 -1.23 0.00	47.27 -1.03 0.00	54.05 -1.16 0.00	49.70 -1.12 0.00	47.91 -1.13 0.00	45.02 -1.10 0.00	49.19 -1.20 0.00	48.71 -1.14 0.00	53.72 -1.26 0.00	54.95 -1.18 0.00	63.90 -1.19 0.00	64.86 -1.17 0.00	47.76 -0.93 0.00	41.03 -0.81 0.00	40.64 -0.85 0.00
INDECK___YERKES 23781	38.47 -1.39 0.00	40.99 -1.67 0.00	41.88 -1.69 0.00	49.48 -2.03 0.00	43.23 -1.86 0.00	38.64 -2.26 0.00	46.24 -3.26 0.00	45.98 -3.08 0.00	59.81 -3.85 0.00	56.07 -3.76 0.15	44.79 -3.52 0.00	51.17 -4.04 0.00	47.07 -3.75 0.00	45.01 -4.03 0.00	42.01 -4.09 0.03	46.07 -4.32 0.00	44.86 -4.01 0.99	47.79 -5.23 1.96	50.87 -5.25 0.00	51.77 -6.08 7.25	48.71 -5.73 11.59	35.09 -3.91 9.69	30.94 -2.85 8.03	32.72 -2.00 6.77
INDIAN POINT_GT_1 24139	40.46 0.60 0.00	43.11 0.45 0.00	43.99 0.42 0.00	52.06 0.55 0.00	45.51 0.42 0.00	41.31 0.41 0.00	50.25 0.76 0.00	50.36 1.29 0.00	65.44 1.79 0.00	62.18 2.20 0.00	50.43 2.12 0.00	57.60 2.39 0.00	53.08 2.26 0.00	51.40 2.36 0.00	48.42 2.30 0.00	52.79 2.40 0.00	52.09 2.24 0.00	57.60 2.61 0.00	58.67 2.54 0.00	68.01 2.92 0.00	68.75 2.71 0.00	50.49 1.80 0.00	43.34 1.50 0.00	42.76 1.27 0.00
INDIAN POINT_GT_2 23659	40.46 0.60 0.00	43.11 0.45 0.00	43.99 0.42 0.00	52.06 0.55 0.00	45.51 0.42 0.00	41.31 0.41 0.00	50.25 0.76 0.00	50.36 1.29 0.00	65.44 1.79 0.00	62.18 2.20 0.00	50.43 2.12 0.00	57.60 2.39 0.00	53.08 2.26 0.00	51.40 2.36 0.00	48.42 2.30 0.00	52.79 2.40 0.00	52.09 2.24 0.00	57.60 2.61 0.00	58.67 2.54 0.00	68.01 2.92 0.00	68.75 2.71 0.00	50.49 1.80 0.00	43.34 1.50 0.00	42.76 1.27 0.00
INDIAN POINT_GT_3 24019	40.46 0.60 0.00	43.11 0.45 0.00	43.99 0.42 0.00	52.06 0.55 0.00	45.51 0.42 0.00	41.31 0.41 0.00	50.25 0.76 0.00	50.36 1.29 0.00	65.44 1.79 0.00	62.18 2.20 0.00	50.43 2.12 0.00	57.60 2.39 0.00	53.08 2.26 0.00	51.40 2.36 0.00	48.42 2.30 0.00	52.79 2.40 0.00	52.09 2.24 0.00	57.60 2.61 0.00	58.67 2.54 0.00	68.01 2.92 0.00	68.75 2.71 0.00	50.49 1.80 0.00	43.34 1.50 0.00	42.76 1.27 0.00
INDIAN POINT___2 23530	40.32 0.46 0.00	42.99 0.32 0.00	43.89 0.32 0.00	51.94 0.43 0.00	45.41 0.32 0.00	41.21 0.31 0.00	50.13 0.63 0.00	50.20 1.14 0.00	65.24 1.58 0.00	61.95 1.96 0.00	50.25 1.94 0.00	57.42 2.21 0.00	52.90 2.08 0.00	51.20 2.17 0.00	48.24 2.12 0.00	52.58 2.19 0.00	51.88 2.03 0.00	57.37 2.38 0.00	58.45 2.32 0.00	67.75 2.66 0.00	68.46 2.43 0.00	50.28 1.59 0.00	43.15 1.32 0.00	42.60 1.11 0.00
INDIAN POINT___3 23531	40.48 0.62 0.00	43.15 0.49 0.00	44.02 0.45 0.00	52.08 0.57 0.00	45.52 0.43 0.00	41.34 0.44 0.00	50.27 0.77 0.00	50.37 1.31 0.00	65.48 1.83 0.00	62.24 2.26 0.00	50.47 2.16 0.00	57.65 2.44 0.00	53.11 2.29 0.00	51.44 2.41 0.00	48.46 2.33 0.00	52.83 2.44 0.00	52.13 2.28 0.00	57.64 2.65 0.00	58.72 2.59 0.00	68.05 2.96 0.00	68.79 2.76 0.00	50.53 1.84 0.00	43.36 1.53 0.00	42.80 1.31 0.00
INGHAM_C_115KV_TB7 356103	38.32 -1.54 0.00	40.70 -1.96 0.00	41.64 -1.93 0.00	49.23 -2.27 0.00	43.18 -1.91 0.00	39.49 -1.40 0.00	48.07 -1.43 0.00	48.03 -1.03 0.00	62.16 -1.50 0.00	58.55 -1.44 0.00	47.94 -0.38 0.00	54.58 -0.64 0.00	50.14 -0.68 0.00	48.24 -0.80 0.00	45.85 -0.28 0.00	50.35 -0.04 0.00	49.79 -0.06 0.00	55.37 0.39 0.00	56.83 0.71 0.00	65.72 0.63 0.00	66.16 0.12 0.00	48.78 0.09 0.00	41.53 -0.30 0.00	40.96 -0.54 0.00
IP CORINTH___1 23988	41.17 1.31 0.00	44.01 1.35 0.00	44.91 1.34 0.00	53.07 1.57 0.00	46.52 1.43 0.00	42.36 1.46 0.00	51.26 1.76 0.00	50.95 1.90 0.00	66.05 2.39 0.00	62.29 2.31 0.00	50.23 1.91 0.00	57.44 2.23 0.00	53.06 2.24 0.00	51.22 2.18 0.00	48.39 2.26 0.00	52.99 2.60 0.00	52.53 2.67 0.00	58.19 3.20 0.00	59.33 3.21 0.00	68.66 3.57 0.00	69.48 3.44 0.00	51.08 2.39 0.00	43.71 1.88 0.00	43.37 1.88 0.00

IP___TICONDEROGA 23804	42.48 2.62 0.00	45.53 2.87 0.00	46.48 2.91 0.00	54.81 3.30 0.00	48.12 3.04 0.00	44.02 3.12 0.00	52.92 3.42 0.00	52.40 3.34 0.00	67.65 3.99 0.00	63.83 3.85 0.00	51.35 3.05 0.00	58.85 3.64 0.00	54.71 3.89 0.00	52.94 3.91 0.00	50.19 4.07 0.00	55.07 4.68 0.00	54.64 4.79 0.00	60.71 5.72 0.00	61.72 5.60 0.00	71.09 6.00 0.00	71.95 5.92 0.00	52.70 4.01 0.00	45.06 3.23 0.00	45.02 3.52 0.00
ISLIP_RES_REC 323679	39.02 1.11 1.95	42.62 0.87 0.91	44.14 0.64 0.06	52.12 0.61 0.00	45.48 0.39 0.00	39.87 0.28 1.31	49.54 0.21 0.16	49.54 0.87 0.39	63.40 1.84 2.10	57.46 2.27 4.79	54.35 2.47 -3.57	57.97 2.66 -0.10	55.92 2.67 -2.43	55.87 2.94 -3.90	53.83 2.93 -4.77	55.44 3.04 -2.00	55.08 2.67 -2.56	63.59 2.97 -5.64	62.90 2.92 -3.85	71.32 3.34 -2.88	72.31 3.23 -3.04	56.73 2.25 -5.79	50.86 1.88 -7.15	48.15 1.87 -4.79
JAMAICA__27_KV_LOAD 355505	40.52 0.67 0.00	43.10 0.43 0.00	43.86 0.30 0.00	49.85 0.38 2.04	45.35 0.26 0.00	41.24 0.34 0.00	49.81 0.74 0.42	50.70 1.64 0.00	65.80 2.14 0.00	64.56 2.73 -1.84	51.89 2.50 -1.09	58.05 2.84 0.00	53.98 2.67 -0.49	52.18 2.85 -0.30	50.04 2.64 -1.27	53.48 2.93 -0.16	52.66 2.81 0.00	58.17 3.03 -0.15	59.36 3.04 -0.19	69.33 3.52 -0.71	69.66 3.28 -0.35	50.80 2.08 -0.03	43.63 1.80 0.00	42.98 1.49 0.00
JANIS___SOLAR 323808	41.52 1.66 0.00	44.24 1.58 0.00	45.33 1.77 0.00	53.69 2.18 0.00	47.14 2.05 0.00	42.82 1.92 0.00	52.17 2.67 0.00	51.96 2.90 0.00	67.00 3.35 0.00	62.44 2.41 -0.04	49.97 1.66 0.00	57.02 1.81 0.00	52.13 1.31 0.00	49.97 0.93 0.00	47.23 1.10 -0.01	51.63 1.24 0.00	51.48 1.33 -0.29	57.50 1.94 -0.57	58.51 2.38 0.00	70.14 2.94 -2.11	72.37 2.99 -3.34	53.64 2.16 -2.79	45.79 1.65 -2.31	45.06 1.61 -1.95
JARVIS____ 23743	39.73 -0.13 0.00	42.49 -0.17 0.00	43.38 -0.19 0.00	51.30 -0.20 0.00	44.90 -0.19 0.00	40.75 -0.15 0.00	49.35 -0.15 0.00	49.02 -0.05 0.00	63.60 -0.06 0.00	60.01 0.02 0.00	48.40 0.09 0.00	55.28 0.07 0.00	50.87 0.05 0.00	49.09 0.06 0.00	46.22 0.10 0.00	50.52 0.13 0.00	49.98 0.13 0.00	55.17 0.18 0.00	56.35 0.22 0.00	65.29 0.20 0.00	66.17 0.13 0.00	48.74 0.05 0.00	41.86 0.03 0.00	41.45 -0.04 0.00
JENNISON___1 23625	41.44 1.58 0.00	44.08 1.41 0.00	45.07 1.51 0.00	53.52 2.01 0.00	47.06 1.97 0.00	42.71 1.81 0.00	51.97 2.48 0.00	51.78 2.71 0.00	66.89 3.23 0.00	62.77 2.78 0.00	50.56 2.25 0.00	57.82 2.61 0.00	53.09 2.27 0.00	51.00 1.96 0.00	48.02 1.89 0.00	52.56 2.17 0.00	51.97 2.11 0.00	57.39 2.40 0.00	58.90 2.77 0.00	67.95 2.86 0.00	68.63 2.59 0.00	50.61 1.93 0.00	43.33 1.49 0.00	43.00 1.51 0.00
JENNISON___2 23626	41.44 1.58 0.00	44.08 1.41 0.00	45.07 1.51 0.00	53.52 2.01 0.00	47.06 1.97 0.00	42.71 1.81 0.00	51.97 2.48 0.00	51.78 2.71 0.00	66.89 3.23 0.00	62.77 2.78 0.00	50.56 2.25 0.00	57.82 2.61 0.00	53.09 2.27 0.00	51.00 1.96 0.00	48.02 1.89 0.00	52.56 2.17 0.00	51.97 2.11 0.00	57.39 2.40 0.00	58.90 2.77 0.00	67.95 2.86 0.00	68.63 2.59 0.00	50.61 1.93 0.00	43.33 1.49 0.00	43.00 1.51 0.00
JERICHO_RISE_WT_PWR 323719	41.13 1.27 0.00	44.24 1.58 0.00	45.09 1.52 0.00	53.19 1.68 0.00	46.56 1.47 0.00	42.09 1.18 0.00	50.81 1.31 0.00	50.03 0.97 0.00	64.99 1.33 0.00	60.59 0.61 0.00	48.46 0.15 0.00	55.43 0.22 0.00	51.13 0.31 0.00	49.33 0.30 0.00	46.34 0.22 0.00	50.60 0.21 0.00	50.07 0.21 0.00	54.95 -0.04 0.00	55.58 -0.55 0.00	64.82 -0.26 0.00	66.13 0.09 0.00	49.12 0.43 0.00	42.39 0.55 0.00	42.34 0.85 0.00
KATONAH___115KV_46KV_TB4 355592	40.75 0.89 0.00	43.43 0.76 0.00	44.28 0.71 0.00	52.36 0.86 0.00	45.79 0.70 0.00	41.62 0.72 0.00	50.64 1.14 0.00	50.78 1.72 0.00	66.01 2.35 0.00	62.75 2.76 0.00	50.88 2.57 0.00	58.11 2.90 0.00	53.52 2.71 0.00	51.84 2.80 0.00	48.84 2.72 0.00	53.27 2.88 0.00	52.58 2.73 0.00	58.14 3.16 0.00	59.22 3.09 0.00	68.64 3.55 0.00	69.41 3.37 0.00	50.96 2.27 0.00	43.70 1.87 0.00	43.13 1.64 0.00
KCE_NY_1 323755	40.86 1.00 0.00	43.66 0.99 0.00	44.55 0.98 0.00	52.68 1.17 0.00	46.18 1.09 0.00	41.99 1.09 0.00	50.80 1.31 0.00	50.49 1.42 0.00	65.45 1.80 0.00	61.77 1.78 0.00	49.97 1.66 0.00	57.07 1.86 0.00	52.60 1.78 0.00	50.73 1.69 0.00	47.98 1.85 0.00	52.47 2.08 0.00	51.91 2.06 0.00	57.56 2.57 0.00	58.62 2.49 0.00	67.91 2.82 0.00	68.77 2.74 0.00	50.57 1.88 0.00	43.32 1.48 0.00	43.00 1.51 0.00
KCE_NY_6_ESR 323823	38.88 -0.98 0.00	41.41 -1.26 0.00	42.32 -1.25 0.00	49.99 -1.52 0.00	43.69 -1.39 0.00	39.09 -1.81 0.00	46.94 -2.56 0.00	46.70 -2.36 0.00	60.76 -2.89 0.00	56.98 -2.88 0.13	45.61 -2.70 0.00	52.08 -3.13 0.00	47.91 -2.91 0.00	45.79 -3.24 0.00	42.86 -3.24 0.02	46.97 -3.42 0.00	45.87 -3.16 0.83	49.14 -4.20 1.65	51.81 -4.32 0.00	53.97 -5.04 6.08	51.61 -4.69 9.73	37.38 -3.18 8.13	32.77 -2.31 6.74	34.24 -1.57 5.69
KEDC_PORT_JEFF_GT2 24210	38.68 0.98 2.16	42.40 0.75 1.01	44.01 0.51 0.07	51.95 0.44 0.00	45.32 0.24 0.00	39.60 0.16 1.45	49.34 0.02 0.17	49.30 0.67 0.42	62.86 1.52 2.31	56.73 1.96 5.21	53.59 2.23 -3.05	57.33 2.36 0.24	55.31 2.40 -2.09	55.19 2.67 -3.49	52.98 2.68 -4.18	54.86 2.78 -1.70	54.44 2.40 -2.19	62.66 2.64 -5.03	62.12 2.53 -3.47	70.56 2.96 -2.51	71.50 2.78 -2.69	55.96 2.03 -5.24	50.01 1.71 -6.47	47.47 1.73 -4.25
KEDC_PORT_JEFF_GT3 24211	38.68 0.98 2.16	42.40 0.75 1.01	44.01 0.51 0.07	51.95 0.44 0.00	45.32 0.24 0.00	39.60 0.16 1.45	49.34 0.02 0.17	49.30 0.67 0.42	62.86 1.52 2.31	56.73 1.96 5.21	53.59 2.23 -3.05	57.33 2.36 0.24	55.31 2.40 -2.09	55.19 2.67 -3.49	52.98 2.68 -4.18	54.86 2.78 -1.70	54.44 2.40 -2.19	62.66 2.64 -5.03	62.12 2.53 -3.47	70.56 2.96 -2.51	71.50 2.78 -2.69	55.96 2.03 -5.24	50.01 1.71 -6.47	47.47 1.73 -4.25
KEDC_GLWD_GT4 24219	45.80 1.28 -4.66	46.01 1.16 -2.18	44.73 1.00 -0.16	52.64 1.13 -0.01	46.03 0.93 -0.01	44.93 0.90 -3.14	51.09 1.24 -0.36	51.77 1.86 -0.86	71.07 2.78 -4.63	72.87 3.23 -9.66	75.50 2.98 -24.21	71.11 3.34 -12.55	69.98 3.13 -16.03	72.95 3.26 -20.65	78.16 3.12 -28.92	67.71 3.31 -14.01	69.66 3.09 -16.72	88.36 3.51 -29.87	79.00 3.48 -19.40	87.03 3.93 -18.01	86.80 3.83 -16.94	79.22 2.60 -27.93	78.29 2.16 -34.30	69.24 2.01 -25.75
KEDC_GLWD_GT5 24220	45.80 1.28 -4.66	46.01 1.16 -2.18	44.73 1.00 -0.16	52.64 1.13 -0.01	46.03 0.93 -0.01	44.93 0.90 -3.14	51.09 1.24 -0.36	51.77 1.86 -0.86	71.07 2.78 -4.63	72.87 3.23 -9.66	75.50 2.98 -24.21	71.11 3.34 -12.55	69.98 3.13 -16.03	72.95 3.26 -20.65	78.16 3.12 -28.92	67.71 3.31 -14.01	69.66 3.09 -16.72	88.36 3.51 -29.87	79.00 3.48 -19.40	87.03 3.93 -18.01	86.80 3.83 -16.94	79.22 2.60 -27.93	78.29 2.16 -34.30	69.24 2.01 -25.75

KENSICO____ 23655	40.68 0.82 0.00	43.35 0.68 0.00	44.18 0.62 0.00	52.26 0.75 0.00	45.68 0.59 0.00	41.51 0.61 0.00	50.49 0.99 0.00	50.63 1.57 0.00	65.81 2.15 0.00	62.60 2.61 0.00	50.76 2.45 0.00	57.98 2.77 0.00	53.42 2.60 0.00	51.75 2.72 0.00	48.75 2.63 0.00	53.16 2.77 0.00	52.48 2.62 0.00	57.98 3.00 0.00	59.06 2.93 0.00	68.45 3.36 0.00	69.21 3.18 0.00	50.81 2.12 0.00	43.61 1.78 0.00	43.04 1.55 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.07 1.22 0.00	43.78 1.12 0.00	44.68 1.11 0.00	52.82 1.32 0.00	46.22 1.13 0.00	42.00 1.10 0.00	51.15 1.65 0.00	51.26 2.20 0.00	66.63 2.97 0.00	63.20 3.21 0.00	51.30 2.99 0.00	58.57 3.36 0.00	53.88 3.06 0.00	52.15 3.12 0.00	49.11 2.99 0.00	53.56 3.17 0.00	52.90 3.05 0.00	58.47 3.48 0.00	59.68 3.55 0.00	69.15 4.06 0.00	69.94 3.91 0.00	51.39 2.70 0.00	44.02 2.19 0.00	43.42 1.93 0.00
KIAC_JFK_GT1 23816	40.29 0.43 0.00	42.85 0.18 0.00	43.62 0.05 0.00	49.58 0.11 2.04	45.10 0.01 0.00	40.99 0.09 0.00	49.45 0.37 0.42	50.33 1.27 0.00	65.31 1.65 0.00	64.12 2.29 -1.84	51.53 2.13 -1.09	57.64 2.43 0.00	53.59 2.28 -0.49	51.82 2.49 -0.30	49.70 2.30 -1.27	53.10 2.55 -0.16	52.29 2.43 0.00	57.76 2.63 -0.15	58.94 2.62 -0.19	68.83 3.02 -0.71	69.16 2.78 -0.35	50.44 1.73 -0.03	43.33 1.50 0.00	42.68 1.19 0.00
KIAC_JFK_GT2 23817	40.29 0.43 0.00	42.85 0.18 0.00	43.62 0.05 0.00	49.58 0.11 2.04	45.10 0.01 0.00	40.99 0.09 0.00	49.45 0.37 0.42	50.33 1.27 0.00	65.31 1.65 0.00	64.12 2.29 -1.84	51.53 2.13 -1.09	57.64 2.43 0.00	53.59 2.28 -0.49	51.82 2.49 -0.30	49.70 2.30 -1.27	53.10 2.55 -0.16	52.29 2.43 0.00	57.76 2.63 -0.15	58.94 2.62 -0.19	68.83 3.02 -0.71	69.16 2.78 -0.35	50.44 1.73 -0.03	43.33 1.50 0.00	42.68 1.19 0.00
KIAC_JFK____ 323774	40.29 0.43 0.00	42.85 0.18 0.00	43.62 0.05 0.00	49.58 0.11 2.04	45.10 0.01 0.00	40.99 0.09 0.00	49.44 0.36 0.42	50.33 1.27 0.00	65.30 1.64 0.00	64.15 2.32 -1.84	51.62 2.23 -1.09	57.64 2.43 0.00	53.63 2.32 -0.49	51.84 2.51 -0.30	49.81 2.42 -1.27	53.09 2.54 -0.16	52.28 2.43 0.00	57.77 2.64 -0.15	58.92 2.60 -0.19	68.85 3.05 -0.71	69.19 2.81 -0.35	50.43 1.71 -0.03	43.32 1.49 0.00	42.68 1.19 0.00
KINTIGH____ 23543	38.44 -1.41 0.00	40.99 -1.67 0.00	41.89 -1.68 0.00	49.51 -1.99 0.00	43.29 -1.80 0.00	39.22 -1.69 0.00	47.09 -2.40 0.00	46.83 -2.23 0.00	60.72 -2.93 0.00	56.92 -2.97 0.09	45.59 -2.72 0.00	52.09 -3.12 0.00	47.92 -2.90 0.00	46.00 -3.04 0.00	42.92 -3.19 0.02	46.98 -3.41 0.00	46.08 -3.15 0.62	49.60 -4.15 1.23	51.92 -4.21 0.00	55.71 -4.84 4.55	54.23 -4.52 7.28	39.46 -3.14 6.09	34.44 -2.34 5.05	35.50 -1.74 4.25
KNTFSRNC_46_KV_46KV_LOAD 80397	41.80 1.95 0.00	44.88 2.22 0.00	45.70 2.13 0.00	53.83 2.32 0.00	47.13 2.04 0.00	42.63 1.73 0.00	51.53 2.04 0.00	50.87 1.81 0.00	65.85 2.19 0.00	61.20 1.21 0.00	49.03 0.72 0.00	56.07 0.86 0.00	51.77 0.94 0.00	50.04 1.01 0.00	47.04 0.91 0.00	51.30 0.92 0.00	50.78 0.92 0.00	55.82 0.84 0.00	56.70 0.58 0.00	66.06 0.97 0.00	67.24 1.20 0.00	49.99 1.30 0.00	43.16 1.33 0.00	43.08 1.59 0.00
LACHUTE__HYDRO 323717	42.48 2.62 0.00	45.53 2.86 0.00	46.48 2.91 0.00	54.81 3.30 0.00	48.12 3.03 0.00	44.02 3.12 0.00	52.92 3.43 0.00	52.40 3.34 0.00	67.65 3.99 0.00	63.83 3.85 0.00	51.35 3.05 0.00	58.85 3.64 0.00	54.71 3.89 0.00	52.94 3.90 0.00	50.19 4.07 0.00	55.07 4.68 0.00	54.64 4.79 0.00	60.71 5.72 0.00	61.72 5.60 0.00	71.09 6.00 0.00	71.96 5.92 0.00	52.70 4.01 0.00	45.06 3.23 0.00	45.01 3.52 0.00
LAWRNCV_115KV_TB1 80681	40.23 0.37 0.00	43.39 0.72 0.00	44.29 0.72 0.00	52.35 0.84 0.00	45.83 0.74 0.00	41.56 0.66 0.00	50.28 0.78 0.00	49.33 0.26 0.00	63.70 0.05 0.00	59.47 -0.52 0.00	47.45 -0.86 0.00	54.48 -0.73 0.00	50.22 -0.60 0.00	48.22 -0.81 0.00	45.19 -0.94 0.00	49.40 -1.00 0.00	48.90 -0.95 0.00	53.92 -1.07 0.00	55.08 -1.04 0.00	64.38 -0.71 0.00	65.57 -0.46 0.00	48.36 -0.33 0.00	41.69 -0.14 0.00	41.49 0.00 0.00
LEDERLE____ 23769	40.60 0.74 0.00	43.27 0.61 0.00	44.18 0.61 0.00	52.28 0.77 0.00	45.71 0.62 0.00	41.48 0.58 0.00	50.49 0.99 0.00	50.57 1.51 0.00	65.76 2.11 0.00	62.46 2.47 0.00	50.67 2.37 0.00	57.91 2.70 0.00	53.35 2.54 0.00	51.64 2.61 0.00	48.67 2.54 0.00	53.04 2.65 0.00	52.33 2.48 0.00	57.87 2.88 0.00	58.94 2.82 0.00	68.35 3.26 0.00	69.07 3.03 0.00	50.71 2.02 0.00	43.50 1.67 0.00	42.93 1.44 0.00
LIGHTRSE_115KV_TB6 355974	39.40 -0.45 0.00	42.11 -0.55 0.00	43.01 -0.56 0.00	50.87 -0.64 0.00	44.52 -0.57 0.00	40.47 -0.43 0.00	49.20 -0.29 0.00	48.83 -0.23 0.00	62.83 -0.83 0.00	-1.34 -1.34 0.00	-1.32 -1.32 0.00	-1.44 -1.44 0.00	-1.37 -1.37 0.00	-1.44 -1.44 0.00	-1.43 -1.43 0.00	-1.54 -1.54 0.00	-1.44 -1.44 0.00	53.38 -1.61 0.00	54.87 -1.25 0.00	64.29 -0.80 0.00	65.31 -0.72 0.00	47.90 -0.79 0.00	41.23 -0.60 0.00	40.70 -0.79 0.00
LINDEN COGEN____ 23786	40.65 0.79 0.00	43.30 0.63 0.00	44.11 0.54 0.00	52.19 0.69 0.00	45.62 0.53 0.00	41.45 0.55 0.00	50.47 0.98 0.00	50.70 1.64 0.00	65.91 2.25 0.00	62.83 2.84 0.00	50.92 2.61 0.00	58.16 2.95 0.00	53.56 2.74 0.00	51.89 2.85 0.00	48.87 2.75 0.00	53.29 2.90 0.00	52.58 2.73 0.00	58.13 3.14 0.00	59.16 3.03 0.00	68.62 3.53 0.00	69.37 3.34 0.00	50.81 2.12 0.00	43.64 1.81 0.00	43.03 1.54 0.00
LINDHRST_69_KV_BK1 356055	43.28 1.66 -1.77	44.99 1.49 -0.83	44.90 1.27 -0.06	52.86 1.35 0.00	46.18 1.09 0.00	43.04 0.96 -1.19	50.75 1.13 -0.12	51.15 1.79 -0.29	68.22 2.97 -1.60	65.94 3.39 -2.57	64.09 3.22 -12.56	64.87 3.50 -6.16	62.62 3.38 -8.42	63.72 3.49 -11.20	64.64 3.35 -15.17	61.32 3.52 -7.41	62.04 3.23 -8.96	74.92 3.64 -16.29	70.33 3.59 -10.61	78.56 4.02 -9.45	79.19 4.05 -9.10	67.00 2.86 -15.45	63.31 2.49 -18.99	58.15 2.42 -14.24
LIPA_MISC_IPP 23656	38.23 0.65 2.27	41.99 0.39 1.07	43.65 0.16 0.07	51.56 0.06 0.00	44.95 -0.13 0.00	39.13 -0.24 1.53	48.78 -0.53 0.18	48.74 0.13 0.44	62.02 0.79 2.42	55.71 1.15 5.43	52.71 1.62 -2.78	56.42 1.63 0.42	54.45 1.72 -1.91	54.34 2.04 -3.26	52.15 2.17 -3.86	54.14 2.22 -1.53	53.69 1.84 -2.00	61.80 2.11 -4.70	61.42 2.04 -3.26	69.74 2.34 -2.31	70.81 2.27 -2.51	55.20 1.57 -4.94	49.27 1.33 -6.11	46.79 1.33 -3.97
LISF__SOLAR 323691	38.31 0.69 2.23	42.06 0.44 1.05	43.69 0.20 0.07	51.59 0.09 0.00	44.99 -0.10 0.00	39.21 -0.19 1.50	48.84 -0.47 0.18	48.82 0.20 0.44	62.16 0.88 2.38	55.87 1.24 5.35	52.89 1.71 -2.88	56.58 1.72 0.36	54.58 1.80 -1.97	54.52 2.15 -3.34	52.35 2.25 -3.97	54.30 2.33 -1.59	53.85 1.93 -2.07	61.99 2.19 -4.82	61.60 2.14 -3.34	69.92 2.45 -2.38	70.97 2.36 -2.57	55.38 1.65 -5.05	49.44 1.37 -6.24	46.93 1.38 -4.07

LITTLE FALLS___HYD 24013	38.32 -1.54 0.00	40.70 -1.96 0.00	41.64 -1.93 0.00	49.23 -2.27 0.00	43.18 -1.91 0.00	39.49 -1.40 0.00	48.07 -1.43 0.00	48.03 -1.03 0.00	62.16 -1.50 0.00	58.55 -1.44 0.00	47.94 -0.38 0.00	54.58 -0.64 0.00	50.14 -0.68 0.00	48.24 -0.80 0.00	45.85 -0.28 0.00	50.35 -0.04 0.00	49.79 -0.06 0.00	55.37 0.39 0.00	56.83 0.71 0.00	65.72 0.63 0.00	66.16 0.12 0.00	48.78 0.09 0.00	41.53 -0.30 0.00	40.96 -0.54 0.00
LITTLRIV_115KV_TB1 356100	40.83 0.97 0.00	44.03 1.37 0.00	44.96 1.39 0.00	53.13 1.63 0.00	46.54 1.45 0.00	42.23 1.32 0.00	51.14 1.65 0.00	50.11 1.05 0.00	64.28 0.62 0.00	59.80 -0.19 0.00	47.61 -0.70 0.00	54.70 -0.51 0.00	50.44 -0.38 0.00	48.37 -0.67 0.00	45.40 -0.73 0.00	49.60 -0.79 0.00	49.21 -0.64 0.00	54.44 -0.55 0.00	55.61 -0.52 0.00	65.33 0.24 0.00	66.62 0.58 0.00	49.12 0.43 0.00	42.33 0.50 0.00	42.11 0.62 0.00
LI_NEWBRDGE___DRP 323616	37.22 1.07 3.71	41.84 0.91 1.74	44.13 0.69 0.13	52.20 0.70 0.01	45.62 0.54 0.01	38.91 0.51 2.50	49.80 0.60 0.30	49.53 1.18 0.71	61.90 2.09 3.84	54.04 2.57 8.51	49.92 2.49 0.89	55.18 2.74 2.78	52.96 2.65 0.51	52.17 2.78 -0.36	48.43 2.70 0.39	52.62 2.84 0.61	51.90 2.56 0.51	58.40 2.92 -0.50	59.59 2.88 -0.58	67.93 3.21 0.36	69.34 3.22 -0.08	51.96 2.14 -1.14	45.06 1.78 -1.45	43.51 1.77 -0.25
LOCKPORT_115KV_TB60_63_64 80432	38.04 -1.82 0.00	40.56 -2.11 0.00	41.40 -2.17 0.00	48.95 -2.56 0.00	42.76 -2.33 0.00	38.20 -2.70 0.00	45.71 -3.78 0.00	45.48 -3.58 0.00	59.03 -4.63 0.00	55.35 -4.48 0.17	44.12 -4.19 0.00	50.38 -4.83 0.00	46.38 -4.44 0.00	44.35 -4.69 0.00	41.34 -4.76 0.03	45.30 -5.09 0.00	44.06 -4.72 1.07	46.86 -5.99 2.14	50.24 -5.88 0.00	50.34 -6.85 7.90	46.87 -6.52 12.64	33.61 -4.52 10.56	29.67 -3.40 8.76	31.48 -2.63 7.39
LOCKPORT___CC1 323769	38.05 -1.81 0.00	40.56 -2.10 0.00	41.42 -2.15 0.00	48.97 -2.54 0.00	42.78 -2.31 0.00	38.20 -2.70 0.00	45.71 -3.78 0.00	45.47 -3.59 0.00	59.04 -4.62 0.00	55.30 -4.50 0.20	44.13 -4.17 0.00	50.40 -4.81 0.00	46.43 -4.39 0.00	44.35 -4.68 0.00	41.37 -4.72 0.04	45.33 -5.06 0.00	43.87 -4.71 1.27	46.49 -5.96 2.54	50.18 -5.94 0.00	48.88 -6.83 9.38	44.52 -6.50 15.00	31.69 -4.46 12.54	28.05 -3.38 10.40	30.11 -2.62 8.76
LOCKPORT___CC2 323770	38.05 -1.81 0.00	40.56 -2.10 0.00	41.42 -2.15 0.00	48.97 -2.54 0.00	42.78 -2.31 0.00	38.20 -2.70 0.00	45.71 -3.78 0.00	45.47 -3.59 0.00	59.04 -4.62 0.00	55.30 -4.50 0.20	44.13 -4.17 0.00	50.40 -4.81 0.00	46.43 -4.39 0.00	44.35 -4.68 0.00	41.37 -4.72 0.04	45.33 -5.06 0.00	43.87 -4.71 1.27	46.49 -5.96 2.54	50.18 -5.94 0.00	48.88 -6.83 9.38	44.52 -6.50 15.00	31.69 -4.46 12.54	28.05 -3.38 10.40	30.11 -2.62 8.76
LOCKPORT___CC3 323771	38.05 -1.81 0.00	40.56 -2.10 0.00	41.42 -2.15 0.00	48.97 -2.54 0.00	42.78 -2.31 0.00	38.20 -2.70 0.00	45.71 -3.78 0.00	45.47 -3.59 0.00	59.04 -4.62 0.00	55.30 -4.50 0.20	44.13 -4.17 0.00	50.40 -4.81 0.00	46.43 -4.39 0.00	44.35 -4.68 0.00	41.37 -4.72 0.04	45.33 -5.06 0.00	43.87 -4.71 1.27	46.49 -5.96 2.54	50.18 -5.94 0.00	48.88 -6.83 9.38	44.52 -6.50 15.00	31.69 -4.46 12.54	28.05 -3.38 10.40	30.11 -2.62 8.76
LONG_LAKE_PHOENIX 24014	39.23 -0.63 0.00	41.89 -0.77 0.00	42.78 -0.79 0.00	50.59 -0.91 0.00	44.29 -0.80 0.00	40.23 -0.67 0.00	48.77 -0.73 0.00	48.47 -0.59 0.00	62.72 -0.93 0.00	58.90 -1.09 0.00	47.36 -0.95 0.00	54.15 -1.06 0.00	49.80 -1.02 0.00	48.02 -1.02 0.00	45.10 -1.03 0.00	49.29 -1.10 0.00	48.86 -0.99 0.00	53.95 -1.04 0.00	55.10 -1.02 0.00	64.09 -1.00 0.00	65.07 -0.97 0.00	47.92 -0.77 0.00	41.16 -0.67 0.00	40.78 -0.71 0.00
LOVETT___3 23632	40.41 0.55 0.00	43.07 0.41 0.00	43.96 0.39 0.00	52.02 0.51 0.00	45.47 0.38 0.00	41.27 0.37 0.00	50.20 0.71 0.00	50.31 1.25 0.00	65.38 1.72 0.00	62.11 2.12 0.00	50.38 2.07 0.00	57.55 2.34 0.00	53.03 2.21 0.00	51.35 2.31 0.00	48.38 2.25 0.00	52.73 2.35 0.00	52.03 2.18 0.00	57.53 2.55 0.00	58.60 2.48 0.00	67.93 2.84 0.00	68.65 2.62 0.00	50.42 1.73 0.00	43.27 1.44 0.00	42.72 1.23 0.00
LOVETT___4 23642	40.41 0.55 0.00	43.07 0.41 0.00	43.96 0.39 0.00	52.02 0.51 0.00	45.47 0.38 0.00	41.27 0.37 0.00	50.20 0.71 0.00	50.31 1.25 0.00	65.38 1.72 0.00	62.11 2.12 0.00	50.38 2.07 0.00	57.55 2.34 0.00	53.03 2.21 0.00	51.35 2.31 0.00	48.38 2.25 0.00	52.73 2.35 0.00	52.03 2.18 0.00	57.53 2.55 0.00	58.60 2.48 0.00	67.93 2.84 0.00	68.65 2.62 0.00	50.42 1.73 0.00	43.27 1.44 0.00	42.72 1.23 0.00
LOVETT___5 23593	40.41 0.55 0.00	43.07 0.41 0.00	43.96 0.39 0.00	52.02 0.51 0.00	45.47 0.38 0.00	41.27 0.37 0.00	50.20 0.71 0.00	50.31 1.25 0.00	65.38 1.72 0.00	62.11 2.12 0.00	50.38 2.07 0.00	57.55 2.34 0.00	53.03 2.21 0.00	51.35 2.31 0.00	48.38 2.25 0.00	52.73 2.35 0.00	52.03 2.18 0.00	57.53 2.55 0.00	58.60 2.48 0.00	67.93 2.84 0.00	68.65 2.62 0.00	50.42 1.73 0.00	43.27 1.44 0.00	42.72 1.23 0.00
LOWER RAQUET___HYD 24057	40.04 0.18 0.00	43.18 0.51 0.00	44.09 0.52 0.00	52.11 0.60 0.00	45.62 0.54 0.00	41.38 0.48 0.00	50.08 0.58 0.00	49.13 0.07 0.00	63.38 -0.28 0.00	59.10 -0.89 0.00	47.15 -1.16 0.00	54.17 -1.05 0.00	49.93 -0.89 0.00	47.90 -1.14 0.00	44.88 -1.25 0.00	49.06 -1.34 0.00	48.58 -1.28 0.00	53.59 -1.40 0.00	54.75 -1.37 0.00	64.07 -1.03 0.00	65.27 -0.76 0.00	48.12 -0.57 0.00	41.49 -0.34 0.00	41.26 -0.23 0.00
LOWER___HUDSON 24059	40.05 0.19 0.00	42.83 0.16 0.00	43.66 0.09 0.00	51.63 0.12 0.00	45.20 0.11 0.00	41.13 0.23 0.00	49.64 0.15 0.00	49.34 0.28 0.00	64.14 0.49 0.00	60.67 0.68 0.00	49.01 0.70 0.00	55.97 0.76 0.00	51.54 0.72 0.00	49.82 0.78 0.00	46.98 0.86 0.00	51.42 1.03 0.00	50.96 1.10 0.00	56.37 1.38 0.00	57.38 1.26 0.00	66.42 1.33 0.00	67.25 1.21 0.00	49.63 0.94 0.00	42.54 0.71 0.00	42.19 0.70 0.00
LOWVILLE_115KV_TB2 356335	40.34 0.48 0.00	43.30 0.64 0.00	44.23 0.66 0.00	52.29 0.78 0.00	45.75 0.66 0.00	41.62 0.72 0.00	50.73 1.24 0.00	50.23 1.17 0.00	64.41 0.76 0.00	59.82 -0.17 0.00	47.72 -0.59 0.00	54.63 -0.58 0.00	50.28 -0.54 0.00	48.26 -0.77 0.00	45.34 -0.78 0.00	49.60 -0.79 0.00	49.18 -0.67 0.00	54.21 -0.78 0.00	55.70 -0.43 0.00	65.56 0.47 0.00	66.45 0.41 0.00	48.53 -0.16 0.00	42.04 0.21 0.00	41.24 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.85 0.99 0.00	43.66 0.99 0.00	44.55 0.98 0.00	52.67 1.17 0.00	46.15 1.06 0.00	41.98 1.08 0.00	50.78 1.29 0.00	50.47 1.41 0.00	65.46 1.81 0.00	61.77 1.78 0.00	49.89 1.59 0.00	57.02 1.81 0.00	52.59 1.77 0.00	50.74 1.70 0.00	47.91 1.79 0.00	52.41 2.02 0.00	51.92 2.06 0.00	57.48 2.49 0.00	58.58 2.45 0.00	67.85 2.76 0.00	68.69 2.66 0.00	50.57 1.88 0.00	43.33 1.50 0.00	42.97 1.48 0.00

LUTHERNY_35_KV_BK2 355980	40.87 1.00 0.00	43.66 1.00 0.00	44.55 0.98 0.00	52.68 1.17 0.00	46.18 1.09 0.00	41.99 1.09 0.00	50.80 1.31 0.00	50.49 1.43 0.00	65.45 1.80 0.00	61.78 1.79 0.00	49.98 1.67 0.00	57.07 1.86 0.00	52.60 1.78 0.00	50.73 1.69 0.00	47.98 1.85 0.00	52.47 2.08 0.00	51.91 2.06 0.00	57.56 2.57 0.00	58.62 2.49 0.00	67.91 2.82 0.00	68.76 2.73 0.00	50.58 1.89 0.00	43.32 1.48 0.00	43.00 1.51 0.00
LWR___OSWEGATCHIE_HYD 23850	39.71 -0.14 0.00	42.73 0.06 0.00	43.62 0.05 0.00	51.56 0.05 0.00	45.13 0.04 0.00	41.02 0.12 0.00	49.85 0.36 0.00	49.11 0.06 0.00	63.05 -0.60 0.00	58.62 -1.37 0.00	46.74 -1.57 0.00	53.61 -1.60 0.00	49.39 -1.42 0.00	47.39 -1.65 0.00	44.45 -1.68 0.00	48.60 -1.79 0.00	48.16 -1.70 0.00	53.10 -1.89 0.00	54.51 -1.62 0.00	64.09 -1.01 0.00	65.16 -0.87 0.00	47.78 -0.91 0.00	41.28 -0.56 0.00	40.76 -0.73 0.00
LYONS_FALL_HYD 23570	40.40 0.54 0.00	43.29 0.63 0.00	44.23 0.66 0.00	52.28 0.77 0.00	45.75 0.66 0.00	41.62 0.72 0.00	50.67 1.17 0.00	50.22 1.16 0.00	64.65 0.99 0.00	60.33 0.34 0.00	48.27 -0.04 0.00	55.21 0.00 0.00	50.80 -0.02 0.00	48.86 -0.17 0.00	45.92 -0.20 0.00	50.25 -0.14 0.00	49.85 -0.01 0.00	55.02 0.03 0.00	56.47 0.34 0.00	66.03 0.94 0.00	66.94 0.91 0.00	49.04 0.35 0.00	42.32 0.48 0.00	41.64 0.15 0.00
MADISON___COUNTY_LFGE 323628	40.65 0.79 0.00	43.44 0.77 0.00	44.35 0.79 0.00	52.43 0.93 0.00	45.92 0.83 0.00	41.76 0.86 0.00	50.77 1.28 0.00	50.46 1.40 0.00	65.27 1.61 0.00	61.20 1.22 0.00	49.05 0.74 0.00	56.09 0.88 0.00	51.53 0.71 0.00	49.63 0.60 0.00	46.73 0.60 0.00	51.16 0.77 0.00	50.85 1.00 0.00	56.23 1.25 0.00	57.67 1.54 0.00	66.93 1.84 0.00	67.88 1.85 0.00	49.91 1.22 0.00	42.84 1.01 0.00	42.33 0.84 0.00
MALONE___115KV_TB1 356076	41.19 1.34 0.00	44.33 1.66 0.00	45.19 1.62 0.00	53.35 1.84 0.00	46.69 1.61 0.00	42.28 1.37 0.00	51.15 1.66 0.00	50.35 1.28 0.00	65.25 1.60 0.00	60.70 0.72 0.00	48.43 0.13 0.00	55.44 0.23 0.00	51.12 0.30 0.00	49.23 0.19 0.00	46.16 0.04 0.00	50.45 0.06 0.00	49.99 0.14 0.00	55.01 0.03 0.00	55.87 -0.26 0.00	65.33 0.25 0.00	66.68 0.65 0.00	49.41 0.72 0.00	42.59 0.75 0.00	42.46 0.97 0.00
MAPLEWOD_115KV_TB3 80458	39.83 -0.02 0.00	42.58 -0.09 0.00	43.44 -0.13 0.00	51.35 -0.15 0.00	44.97 -0.11 0.00	40.93 0.03 0.00	49.48 -0.02 0.00	49.24 0.18 0.00	64.06 0.40 0.00	60.64 0.66 0.00	48.97 0.66 0.00	55.98 0.76 0.00	51.54 0.72 0.00	49.81 0.78 0.00	46.95 0.83 0.00	51.37 0.98 0.00	50.88 1.03 0.00	56.27 1.28 0.00	57.26 1.14 0.00	66.28 1.19 0.00	67.09 1.05 0.00	49.54 0.85 0.00	42.48 0.65 0.00	42.06 0.57 0.00
MAPLE_RIDGE_WT_1 323574	39.95 0.10 0.00	42.95 0.29 0.00	43.87 0.30 0.00	51.85 0.35 0.00	45.40 0.31 0.00	41.14 0.24 0.00	49.72 0.23 0.00	49.16 0.10 0.00	63.80 0.14 0.00	60.01 0.02 0.00	48.18 -0.13 0.00	55.10 -0.12 0.00	50.72 -0.10 0.00	48.88 -0.15 0.00	45.98 -0.14 0.00	50.19 -0.21 0.00	49.65 -0.21 0.00	54.63 -0.35 0.00	55.69 -0.44 0.00	64.71 -0.38 0.00	65.69 -0.34 0.00	48.28 -0.41 0.00	41.51 -0.32 0.00	41.10 -0.39 0.00
MAPLE_RIDGE_WT_2 323611	39.95 0.10 0.00	42.95 0.29 0.00	43.87 0.30 0.00	51.85 0.35 0.00	45.40 0.31 0.00	41.14 0.24 0.00	49.72 0.23 0.00	49.16 0.10 0.00	63.80 0.14 0.00	60.01 0.02 0.00	48.18 -0.13 0.00	55.10 -0.12 0.00	50.72 -0.10 0.00	48.88 -0.15 0.00	45.98 -0.14 0.00	50.19 -0.21 0.00	49.65 -0.21 0.00	54.63 -0.35 0.00	55.69 -0.44 0.00	64.71 -0.38 0.00	65.69 -0.34 0.00	48.28 -0.41 0.00	41.51 -0.32 0.00	41.10 -0.39 0.00
MARBLE_RIVER_WT_PWR 323696	41.11 1.26 0.00	44.20 1.53 0.00	45.04 1.47 0.00	53.13 1.63 0.00	46.52 1.43 0.00	42.05 1.15 0.00	50.77 1.27 0.00	50.03 0.97 0.00	64.97 1.31 0.00	60.57 0.58 0.00	48.47 0.16 0.00	55.46 0.25 0.00	51.16 0.34 0.00	49.36 0.32 0.00	46.35 0.23 0.00	50.63 0.24 0.00	50.09 0.24 0.00	54.98 0.00 0.00	55.64 -0.48 0.00	64.87 -0.22 0.00	66.14 0.11 0.00	49.12 0.43 0.00	42.40 0.57 0.00	42.34 0.85 0.00
MARSHVLE_115KV_TB1 80742	42.22 2.36 0.00	45.17 2.51 0.00	46.14 2.57 0.00	54.65 3.14 0.00	47.89 2.80 0.00	43.48 2.58 0.00	52.99 3.49 0.00	52.71 3.65 0.00	67.77 4.12 0.00	63.20 3.21 0.00	50.73 2.42 0.00	58.01 2.80 0.00	53.39 2.57 0.00	51.24 2.20 0.00	48.23 2.10 0.00	53.02 2.63 0.00	52.57 2.72 0.00	58.04 3.05 0.00	59.57 3.45 0.00	69.35 4.26 0.00	70.38 4.35 0.00	51.70 3.01 0.00	44.35 2.52 0.00	43.93 2.44 0.00
MARSH_HILL_WT_PWR 323713	40.26 0.41 0.00	42.76 0.10 0.00	43.84 0.27 0.00	51.83 0.32 0.00	45.36 0.27 0.00	40.83 -0.07 0.00	49.38 -0.12 0.00	49.16 0.10 0.00	62.97 -0.69 0.00	59.26 -1.36 -0.63	47.12 -1.19 0.00	53.96 -1.25 0.00	49.50 -1.32 0.00	47.38 -1.65 0.00	44.28 -1.96 -0.11	48.01 -2.39 0.00	51.40 -2.53 -4.07	60.52 -2.58 -8.11	54.08 -2.05 0.00	92.81 -2.23 -29.94	111.22 -2.67 -47.86	86.08 -2.60 -39.99	71.73 -3.26 -33.16	66.40 -3.05 -27.95
MCINTYRE_115KV_TB2 80467	41.31 1.45 0.00	44.57 1.90 0.00	45.52 1.95 0.00	53.80 2.29 0.00	47.12 2.04 0.00	42.75 1.85 0.00	51.77 2.28 0.00	50.68 1.62 0.00	64.87 1.21 0.00	60.34 0.36 0.00	48.05 -0.26 0.00	55.14 -0.07 0.00	50.87 0.05 0.00	48.86 -0.18 0.00	45.83 -0.30 0.00	50.07 -0.32 0.00	49.69 -0.16 0.00	54.99 0.00 0.00	56.19 0.06 0.00	66.08 0.99 0.00	67.41 1.38 0.00	49.71 1.02 0.00	42.83 0.99 0.00	42.62 1.13 0.00
MECO_____69_KV_BK1 80468	42.17 2.31 0.00	45.08 2.41 0.00	46.02 2.46 0.00	54.49 2.98 0.00	47.75 2.66 0.00	43.45 2.55 0.00	52.94 3.44 0.00	52.71 3.65 0.00	67.71 4.06 0.00	63.08 3.09 0.00	50.81 2.50 0.00	58.13 2.92 0.00	53.51 2.69 0.00	51.44 2.40 0.00	48.39 2.26 0.00	53.42 3.03 0.00	52.93 3.07 0.00	58.57 3.58 0.00	60.10 3.98 0.00	69.90 4.81 0.00	70.88 4.85 0.00	52.06 3.37 0.00	44.60 2.77 0.00	44.13 2.64 0.00
MENANDS___115KV_TB5 355628	39.57 -0.29 0.00	42.32 -0.35 0.00	43.16 -0.41 0.00	51.02 -0.48 0.00	44.69 -0.40 0.00	40.68 -0.22 0.00	49.14 -0.35 0.00	48.90 -0.16 0.00	63.63 -0.03 0.00	60.26 0.27 0.00	48.69 0.39 0.00	55.64 0.43 0.00	51.22 0.41 0.00	49.51 0.48 0.00	46.68 0.55 0.00	51.06 0.67 0.00	50.58 0.73 0.00	55.92 0.94 0.00	56.89 0.77 0.00	65.82 0.73 0.00	66.63 0.59 0.00	49.21 0.52 0.00	42.21 0.37 0.00	41.80 0.31 0.00
MG INDUSTRY___DRP 24185	39.85 -0.01 0.00	42.64 -0.02 0.00	43.53 -0.04 0.00	51.47 -0.04 0.00	45.06 -0.03 0.00	40.96 0.06 0.00	49.52 0.03 0.00	49.23 0.17 0.00	63.96 0.30 0.00	60.43 0.45 0.00	48.78 0.46 0.00	55.74 0.53 0.00	51.28 0.46 0.00	49.57 0.54 0.00	46.71 0.59 0.00	51.08 0.68 0.00	50.60 0.75 0.00	55.91 0.93 0.00	56.95 0.83 0.00	65.97 0.88 0.00	66.78 0.75 0.00	49.31 0.62 0.00	42.32 0.48 0.00	41.93 0.44 0.00

MID___OSWEGATCHIE_HYD 23849	39.71 -0.14 0.00	42.73 0.06 0.00	43.62 0.05 0.00	51.56 0.05 0.00	45.13 0.04 0.00	41.02 0.12 0.00	49.85 0.36 0.00	49.11 0.06 0.00	63.05 -0.60 0.00	58.62 -1.37 0.00	46.74 -1.57 0.00	53.61 -1.60 0.00	49.39 -1.42 0.00	47.39 -1.65 0.00	44.45 -1.68 0.00	48.60 -1.79 0.00	48.16 -1.70 0.00	53.10 -1.89 0.00	54.51 -1.62 0.00	64.09 -1.01 0.00	65.16 -0.87 0.00	47.78 -0.91 0.00	41.28 -0.56 0.00	40.76 -0.73 0.00
MID___RAQUETTE_HYD 23851	40.04 0.18 0.00	43.18 0.52 0.00	44.09 0.52 0.00	52.10 0.60 0.00	45.62 0.54 0.00	41.38 0.48 0.00	50.08 0.58 0.00	49.13 0.07 0.00	63.38 -0.28 0.00	59.10 -0.89 0.00	47.14 -1.17 0.00	54.17 -1.05 0.00	49.93 -0.89 0.00	47.90 -1.14 0.00	44.88 -1.24 0.00	49.05 -1.34 0.00	48.57 -1.28 0.00	53.59 -1.40 0.00	54.75 -1.38 0.00	64.07 -1.02 0.00	65.27 -0.76 0.00	48.12 -0.57 0.00	41.49 -0.34 0.00	41.26 -0.22 0.00
MILLIKEN___1 23584	40.54 0.68 0.00	43.22 0.56 0.00	44.28 0.71 0.00	52.30 0.79 0.00	45.89 0.80 0.00	41.65 0.75 0.00	50.57 1.07 0.00	50.34 1.28 0.00	65.08 1.43 0.00	60.97 0.93 -0.05	48.93 0.62 0.00	55.90 0.69 0.00	51.27 0.46 0.00	49.25 0.22 0.00	46.38 0.25 -0.01	50.58 0.19 0.00	50.51 0.35 -0.31	56.14 0.54 -0.61	57.01 0.88 0.00	68.56 1.21 -2.26	70.86 1.27 -3.56	52.55 0.88 -2.98	44.94 0.64 -2.47	44.22 0.65 -2.08
MILLIKEN___2 23585	40.54 0.68 0.00	43.22 0.56 0.00	44.28 0.71 0.00	52.30 0.79 0.00	45.89 0.80 0.00	41.65 0.75 0.00	50.57 1.07 0.00	50.34 1.28 0.00	65.08 1.43 0.00	60.97 0.93 -0.05	48.93 0.62 0.00	55.90 0.69 0.00	51.27 0.46 0.00	49.25 0.22 0.00	46.38 0.25 -0.01	50.58 0.19 0.00	50.51 0.35 -0.31	56.14 0.54 -0.61	57.01 0.88 0.00	68.56 1.21 -2.26	70.86 1.27 -3.56	52.55 0.88 -2.98	44.94 0.64 -2.47	44.22 0.65 -2.08
MILLIKEN___DIESEL 23629	40.54 0.68 0.00	43.22 0.56 0.00	44.28 0.71 0.00	52.30 0.79 0.00	45.89 0.80 0.00	41.65 0.75 0.00	50.57 1.07 0.00	50.34 1.28 0.00	65.08 1.43 0.00	60.97 0.93 -0.05	48.93 0.62 0.00	55.90 0.69 0.00	51.27 0.46 0.00	49.25 0.22 0.00	46.38 0.25 -0.01	50.58 0.19 0.00	50.51 0.35 -0.31	56.14 0.54 -0.61	57.01 0.88 0.00	68.56 1.21 -2.26	70.86 1.27 -3.56	52.55 0.88 -2.98	44.94 0.64 -2.47	44.22 0.65 -2.08
MILLSEAT___LFGE 323607	38.87 -0.99 0.00	41.42 -1.25 0.00	42.29 -1.27 0.00	50.00 -1.51 0.00	43.74 -1.35 0.00	39.29 -1.62 0.00	47.28 -2.22 0.00	47.05 -2.01 0.00	60.86 -2.80 0.00	56.84 -3.02 0.13	45.08 -3.23 0.00	51.53 -3.68 0.00	47.63 -3.19 0.00	45.32 -3.72 0.00	42.19 -3.91 0.02	46.15 -4.24 0.00	45.04 -3.92 0.90	48.61 -4.59 1.79	51.89 -4.24 0.00	53.80 -4.70 6.59	51.15 -4.34 10.55	36.90 -2.98 8.82	32.33 -2.20 7.31	33.80 -1.53 6.16
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.55 0.69 0.00	43.22 0.55 0.00	44.07 0.50 0.00	52.14 0.63 0.00	45.58 0.49 0.00	41.39 0.49 0.00	50.35 0.86 0.00	50.46 1.40 0.00	65.58 1.93 0.00	62.36 2.38 0.00	50.56 2.25 0.00	57.76 2.55 0.00	53.21 2.40 0.00	51.54 2.50 0.00	48.55 2.43 0.00	52.93 2.54 0.00	52.24 2.39 0.00	57.75 2.77 0.00	58.83 2.70 0.00	68.18 3.09 0.00	68.92 2.89 0.00	50.62 1.93 0.00	43.45 1.61 0.00	42.88 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	40.60 0.74 0.00	43.27 0.61 0.00	44.13 0.56 0.00	52.20 0.70 0.00	45.63 0.54 0.00	41.44 0.54 0.00	50.41 0.91 0.00	50.54 1.48 0.00	65.69 2.03 0.00	62.44 2.45 0.00	50.64 2.33 0.00	57.85 2.64 0.00	53.30 2.49 0.00	51.62 2.58 0.00	48.62 2.50 0.00	53.01 2.61 0.00	52.33 2.47 0.00	57.85 2.86 0.00	58.93 2.81 0.00	68.29 3.20 0.00	69.04 3.00 0.00	50.70 2.01 0.00	43.51 1.68 0.00	42.93 1.44 0.00
MODEL_CITY_ENERGY 24167	37.66 -2.20 0.00	40.15 -2.52 0.00	40.99 -2.58 0.00	48.46 -3.04 0.00	42.33 -2.76 0.00	37.77 -3.13 0.00	45.13 -4.36 0.00	44.90 -4.16 0.00	58.33 -5.32 0.00	54.76 -5.07 0.16	43.65 -4.66 0.00	49.85 -5.36 0.00	45.92 -4.90 0.00	43.89 -5.14 0.00	40.92 -5.17 0.03	44.87 -5.52 0.00	43.66 -5.16 1.04	46.34 -6.57 2.08	49.56 -6.57 0.00	49.82 -7.60 7.67	46.50 -7.26 12.28	33.43 -5.01 10.26	29.53 -3.80 8.50	31.35 -2.97 7.17
MODERN_LFGE___ 323580	37.66 -2.20 0.00	40.15 -2.52 0.00	40.99 -2.58 0.00	48.46 -3.04 0.00	42.33 -2.76 0.00	37.77 -3.13 0.00	45.13 -4.36 0.00	44.90 -4.16 0.00	58.33 -5.32 0.00	54.76 -5.07 0.16	43.65 -4.66 0.00	49.85 -5.36 0.00	45.92 -4.90 0.00	43.89 -5.14 0.00	40.92 -5.17 0.03	44.87 -5.52 0.00	43.66 -5.16 1.04	46.34 -6.57 2.08	49.56 -6.57 0.00	49.82 -7.60 7.67	46.50 -7.26 12.28	33.43 -5.01 10.26	29.53 -3.80 8.50	31.35 -2.97 7.17
MOHAWK_PAPER___DRP 24187	39.83 -0.02 0.00	42.58 -0.09 0.00	43.44 -0.13 0.00	51.35 -0.15 0.00	44.97 -0.11 0.00	40.93 0.03 0.00	49.48 -0.02 0.00	49.24 0.18 0.00	64.06 0.40 0.00	60.64 0.66 0.00	48.97 0.66 0.00	55.98 0.76 0.00	51.54 0.72 0.00	49.81 0.78 0.00	46.95 0.83 0.00	51.37 0.98 0.00	50.88 1.03 0.00	56.27 1.28 0.00	57.26 1.14 0.00	66.28 1.19 0.00	67.09 1.05 0.00	49.54 0.85 0.00	42.48 0.65 0.00	42.06 0.57 0.00
MOHICAN___35_KV_115KV_LD 80490	41.25 1.39 0.00	44.11 1.45 0.00	45.01 1.44 0.00	53.18 1.67 0.00	46.62 1.54 0.00	42.47 1.57 0.00	51.34 1.84 0.00	51.00 1.94 0.00	66.10 2.45 0.00	62.35 2.36 0.00	50.27 1.96 0.00	57.48 2.26 0.00	53.14 2.32 0.00	51.30 2.27 0.00	48.48 2.35 0.00	53.10 2.70 0.00	52.64 2.79 0.00	58.35 3.36 0.00	59.46 3.34 0.00	68.80 3.71 0.00	69.62 3.59 0.00	51.18 2.49 0.00	43.80 1.97 0.00	43.48 1.99 0.00
MONGAUP___HYD 23641	40.84 0.98 0.00	43.54 0.88 0.00	44.43 0.87 0.00	52.54 1.04 0.00	46.00 0.91 0.00	41.77 0.87 0.00	50.52 1.02 0.00	50.52 1.46 0.00	65.63 1.98 0.00	61.97 1.98 0.00	50.29 1.98 0.00	57.50 2.29 0.00	52.90 2.08 0.00	51.49 2.46 0.00	48.48 2.36 0.00	52.45 2.06 0.00	51.54 1.69 0.00	57.00 2.02 0.00	57.92 1.79 0.00	67.19 2.10 0.00	68.08 2.05 0.00	50.68 2.00 0.00	43.71 1.88 0.00	43.13 1.64 0.00
MONTAUK___DIESEL 23721	38.65 1.05 2.26	42.70 1.09 1.06	44.65 1.15 0.07	52.83 1.33 0.00	45.55 0.47 0.00	38.98 -0.40 1.52	47.66 -1.65 0.18	48.07 -0.54 0.44	60.86 -0.39 2.40	54.65 0.07 5.40	52.26 1.13 -2.82	55.37 0.56 0.40	53.43 0.68 -1.93	53.46 1.13 -3.29	51.45 1.42 -3.90	53.44 1.50 -1.55	52.91 1.04 -2.02	61.09 1.36 -4.74	60.66 1.25 -3.29	69.26 1.84 -2.33	70.53 1.97 -2.53	55.33 1.66 -4.98	49.34 1.36 -6.16	47.01 1.51 -4.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.63 0.78 0.00	43.17 0.50 0.00	44.38 0.81 0.00	52.40 0.90 0.00	45.79 0.70 0.00	41.04 0.14 0.00	49.64 0.14 0.00	49.43 0.37 0.00	64.21 0.56 0.00	59.94 0.03 0.07	48.25 -0.06 0.00	55.38 0.17 0.00	50.83 0.02 0.00	48.59 -0.45 0.00	45.36 -0.75 0.01	49.15 -1.24 0.00	47.90 -1.48 0.48	51.34 -2.69 0.95	52.33 -3.80 0.00	56.25 -5.33 3.50	55.35 -5.08 5.61	40.23 -3.78 4.69	35.21 -2.74 3.89	36.33 -1.89 3.28

MORRIS_RIDGE___SOLAR 323848	39.47 -0.38 0.00	41.97 -0.70 0.00	42.97 -0.60 0.00	50.81 -0.69 0.00	44.44 -0.64 0.00	39.91 -0.99 0.00	48.10 -1.39 0.00	47.82 -1.24 0.00	61.12 -2.54 0.00	55.77 -2.91 1.31	45.93 -2.38 0.00	52.65 -2.56 0.00	48.42 -2.40 0.00	46.25 -2.78 0.00	42.85 -3.03 0.24	46.97 -3.42 0.00	37.90 -3.46 8.50	34.44 -3.60 16.94	52.94 -3.19 0.00	-1.21 -3.78 62.52	-37.80 -3.85 99.98	-37.87 -3.02 83.53	-30.33 -2.88 69.27	-19.57 -2.67 58.39
MORTIMER_115KV_TB3 55949	39.09 -0.76 0.00	41.69 -0.97 0.00	42.58 -0.99 0.00	50.33 -1.17 0.00	44.06 -1.03 0.00	39.99 -0.91 0.00	48.29 -1.21 0.00	48.01 -1.05 0.00	62.17 -1.49 0.00	58.27 -1.71 0.00	46.59 -1.72 0.00	53.26 -1.95 0.00	48.97 -1.85 0.00	47.06 -1.98 0.00	44.00 -2.12 0.00	48.14 -2.26 0.00	47.80 -2.05 0.00	52.41 -2.58 0.00	53.69 -2.44 0.00	62.41 -2.69 0.00	63.58 -2.45 0.00	46.96 -1.74 0.00	40.51 -1.32 0.00	40.55 -0.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.84 0.98 0.00	43.50 0.84 0.00	44.32 0.75 0.00	52.43 0.93 0.00	45.83 0.74 0.00	41.64 0.75 0.00	50.69 1.20 0.00	50.90 1.84 0.00	66.15 2.50 0.00	63.02 3.03 0.00	51.08 2.77 0.00	58.33 3.12 0.00	53.75 2.93 0.00	52.09 3.05 0.00	49.06 2.93 0.00	53.49 3.10 0.00	52.80 2.94 0.00	58.33 3.34 0.00	59.40 3.27 0.00	68.86 3.77 0.00	69.63 3.60 0.00	51.04 2.35 0.00	43.84 2.01 0.00	43.24 1.75 0.00
MUNSVILLE_WIND_PWR 323609	42.61 2.75 0.00	45.45 2.78 0.00	46.61 3.04 0.00	55.30 3.80 0.00	48.64 3.55 0.00	44.25 3.35 0.00	54.05 4.56 0.00	53.86 4.80 0.00	69.36 5.70 0.00	64.80 4.78 -0.03	51.97 3.66 0.00	59.33 4.12 0.00	54.41 3.59 0.00	52.05 3.02 0.00	49.14 3.01 -0.01	53.86 3.47 0.00	53.53 3.45 -0.22	59.46 4.03 -0.45	60.70 4.57 0.00	71.91 5.16 -1.65	73.60 4.96 -2.61	54.50 3.63 -2.18	46.36 2.73 -1.81	45.71 2.70 -1.52
N SALMON___HYD 24042	41.19 1.33 0.00	44.33 1.66 0.00	45.18 1.62 0.00	53.35 1.84 0.00	46.69 1.61 0.00	42.27 1.37 0.00	51.15 1.66 0.00	50.35 1.28 0.00	65.25 1.60 0.00	60.70 0.72 0.00	48.43 0.13 0.00	55.44 0.23 0.00	51.12 0.30 0.00	49.23 0.19 0.00	46.16 0.04 0.00	50.45 0.06 0.00	50.00 0.15 0.00	55.01 0.03 0.00	55.87 -0.26 0.00	65.33 0.24 0.00	66.68 0.65 0.00	49.41 0.72 0.00	42.59 0.75 0.00	42.46 0.97 0.00
N.AKRON__115KV_KNAPP 355671	38.81 -1.05 0.00	41.35 -1.32 0.00	42.22 -1.35 0.00	49.91 -1.60 0.00	43.66 -1.43 0.00	39.17 -1.73 0.00	47.09 -2.40 0.00	46.87 -2.19 0.00	60.66 -3.00 0.00	56.73 -3.11 0.14	45.05 -3.25 0.00	51.55 -3.67 0.00	47.72 -3.10 0.00	45.31 -3.73 0.00	42.10 -4.00 0.03	45.94 -4.45 0.00	44.79 -4.09 0.97	48.10 -4.96 1.93	51.45 -4.68 0.00	52.61 -5.37 7.11	49.61 -5.05 11.38	35.70 -3.48 9.51	31.37 -2.58 7.88	32.96 -1.89 6.65
N.BELMOR_69_KV_BK1 55787	48.57 1.38 -7.34	47.34 1.24 -3.43	44.84 1.02 -0.25	52.62 1.10 -0.01	45.98 0.88 -0.01	46.68 0.84 -4.93	51.09 1.05 -0.54	52.03 1.67 -1.30	73.37 2.70 -7.01	76.80 3.14 -13.67	77.15 2.83 -26.01	73.43 3.15 -15.06	71.16 3.00 -17.33	74.18 3.11 -22.03	79.87 3.00 -30.74	68.98 3.17 -15.42	71.12 2.86 -18.41	90.29 3.24 -32.06	79.95 3.20 -20.62	87.93 3.59 -19.26	87.73 3.59 -18.11	80.96 2.51 -29.76	80.53 2.17 -36.53	71.96 2.11 -28.37
N.E_GEN_SANDY PD 24062	40.03 0.16 0.00	42.77 0.10 0.00	43.59 0.02 0.00	51.52 0.01 0.00	44.67 -0.02 0.40	41.44 0.09 -0.44	49.59 0.10 0.00	49.45 0.39 0.00	64.34 0.69 0.00	61.05 1.06 0.00	49.40 1.09 0.00	56.40 1.18 0.00	51.93 1.11 0.00	50.27 1.23 0.00	47.40 1.28 0.00	51.80 1.41 0.00	51.28 1.43 0.00	56.77 1.79 0.00	58.20 1.63 -0.44	66.33 1.76 0.52	65.43 1.59 2.19	52.29 1.15 -2.45	42.61 0.90 0.12	42.30 0.81 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.47 0.61 0.00	43.13 0.47 0.00	44.03 0.46 0.00	52.11 0.60 0.00	45.55 0.46 0.00	41.34 0.45 0.00	50.30 0.80 0.00	50.37 1.31 0.00	65.50 1.84 0.00	62.21 2.23 0.00	50.46 2.15 0.00	57.67 2.46 0.00	53.13 2.31 0.00	51.44 2.40 0.00	48.47 2.34 0.00	52.83 2.44 0.00	52.12 2.27 0.00	57.64 2.65 0.00	58.72 2.59 0.00	68.05 2.96 0.00	68.77 2.74 0.00	50.51 1.82 0.00	43.34 1.51 0.00	42.77 1.28 0.00
N.QUEENS_27_KV_LOAD 356247	40.82 0.96 0.00	43.39 0.73 0.00	44.11 0.54 0.00	50.12 0.64 2.03	45.62 0.53 0.00	41.50 0.59 0.00	50.13 1.05 0.42	50.86 1.79 -0.01	66.20 2.54 -0.01	64.77 3.06 -1.72	52.18 2.86 -1.01	58.49 3.29 0.01	54.27 3.12 -0.33	52.43 3.15 -0.25	50.36 3.06 -1.18	53.71 3.18 -0.15	52.82 2.96 0.00	58.40 3.32 -0.10	59.54 3.23 -0.18	69.25 3.71 -0.45	69.78 3.53 -0.22	51.17 2.46 -0.02	43.85 2.02 0.00	43.24 1.74 -0.01
N.TROY___115KV_TB1 355778	40.05 0.19 0.00	42.83 0.16 0.00	43.66 0.09 0.00	51.63 0.12 0.00	45.20 0.11 0.00	41.13 0.23 0.00	49.64 0.15 0.00	49.34 0.28 0.00	64.14 0.49 0.00	60.67 0.68 0.00	49.01 0.70 0.00	55.97 0.76 0.00	51.55 0.73 0.00	49.82 0.79 0.00	46.99 0.87 0.00	51.42 1.03 0.00	50.95 1.10 0.00	56.37 1.38 0.00	57.37 1.25 0.00	66.42 1.33 0.00	67.25 1.21 0.00	49.63 0.94 0.00	42.55 0.72 0.00	42.19 0.70 0.00
NARROWS_GT1_1 24228	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT1_2 24229	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT1_3 24230	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT1_4 24231	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80

NARROWS_GT1_5 24232	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT1_6 24233	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT1_7 24234	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT1_8 24235	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT2_1 24236	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT2_2 24237	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT2_3 24238	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT2_4 24239	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT2_5 24240	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT2_6 24241	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT2_7 24242	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NARROWS_GT2_8 24243	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.33 0.47 0.00	43.11 0.44 0.00	43.98 0.41 0.00	52.01 0.50 0.00	45.59 0.49 0.00	41.55 0.65 0.00	50.31 0.82 0.00	50.13 1.07 0.00	65.19 1.53 0.00	61.60 1.61 0.00	49.64 1.34 0.00	56.76 1.55 0.00	52.12 1.31 0.00	50.39 1.35 0.00	47.44 1.31 0.00	51.95 1.56 0.00	51.53 1.68 0.00	57.04 2.06 0.00	58.16 2.03 0.00	67.38 2.29 0.00	68.19 2.16 0.00	50.28 1.59 0.00	43.05 1.21 0.00	42.56 1.08 0.00
NCHELSEA_115KV_TR2 355582	40.82 0.96 0.00	43.51 0.85 0.00	44.37 0.80 0.00	52.47 0.97 0.00	45.90 0.81 0.00	41.72 0.82 0.00	50.77 1.27 0.00	50.85 1.80 0.00	66.11 2.46 0.00	62.77 2.78 0.00	50.89 2.58 0.00	58.14 2.93 0.00	53.53 2.71 0.00	51.83 2.79 0.00	48.82 2.70 0.00	53.25 2.86 0.00	52.60 2.74 0.00	58.17 3.19 0.00	59.28 3.16 0.00	68.68 3.59 0.00	69.46 3.42 0.00	51.04 2.35 0.00	43.74 1.91 0.00	43.17 1.68 0.00
NEG CAPITAL___MECHNVIL 23645	40.84 0.98 0.00	43.66 0.99 0.00	44.54 0.97 0.00	52.69 1.18 0.00	46.13 1.04 0.00	41.97 1.07 0.00	50.78 1.29 0.00	50.48 1.42 0.00	65.55 1.90 0.00	61.83 1.84 0.00	49.95 1.64 0.00	57.08 1.87 0.00	52.63 1.81 0.00	50.78 1.75 0.00	47.95 1.83 0.00	52.48 2.09 0.00	52.01 2.16 0.00	57.54 2.55 0.00	58.64 2.51 0.00	67.91 2.82 0.00	68.75 2.72 0.00	50.62 1.94 0.00	43.36 1.53 0.00	42.98 1.49 0.00

NEG CENTRAL_HIGH_ACRES 23767	38.61 -1.25 0.00	41.18 -1.48 0.00	42.07 -1.50 0.00	49.75 -1.76 0.00	43.57 -1.51 0.00	39.59 -1.31 0.00	47.90 -1.60 0.00	47.64 -1.43 0.00	61.63 -2.03 0.00	57.72 -2.27 0.00	46.22 -2.09 0.00	52.85 -2.36 0.00	48.56 -2.26 0.00	46.70 -2.34 0.00	43.73 -2.39 0.00	47.83 -2.56 0.00	47.48 -2.37 0.00	52.17 -2.81 0.00	53.42 -2.70 0.00	62.11 -2.98 0.00	63.21 -2.83 0.00	46.64 -2.05 0.00	40.20 -1.64 0.00	40.14 -1.35 0.00
NEG CENTRAL___DRP 24199	40.04 0.18 0.00	42.68 0.02 0.00	43.70 0.13 0.00	51.58 0.07 0.00	45.25 0.16 0.00	41.05 0.15 0.00	49.73 0.24 0.00	49.49 0.42 0.00	63.84 0.19 0.00	59.81 -0.24 -0.06	48.04 -0.27 0.00	54.98 -0.23 0.00	50.53 -0.29 0.00	48.60 -0.43 0.00	45.62 -0.51 -0.01	49.76 -0.63 0.00	49.74 -0.50 -0.39	55.11 -0.65 -0.77	55.77 -0.35 0.00	67.71 -0.23 -2.85	70.23 -0.33 -4.52	52.21 -0.25 -3.78	44.68 -0.28 -3.13	43.96 -0.17 -2.64
NEG CENTRAL___INDECK 23768	40.61 0.75 0.00	43.18 0.51 0.00	44.18 0.62 0.00	52.27 0.76 0.00	45.78 0.69 0.00	41.46 0.56 0.00	50.22 0.73 0.00	49.99 0.93 0.00	63.94 0.28 0.00	59.61 -1.01 -0.63	47.17 -1.14 0.00	53.97 -1.24 0.00	49.69 -1.13 0.00	47.68 -1.36 0.00	44.49 -1.75 -0.11	48.46 -1.93 0.00	52.13 -1.83 -4.11	61.19 -1.98 -8.18	55.30 -0.83 0.00	94.67 -0.62 -30.20	113.93 -0.38 -48.28	88.55 -0.48 -40.33	74.63 -0.65 -33.45	69.27 -0.41 -28.19
NEG CENTRAL___SENECA 23627	40.15 0.30 0.00	42.75 0.09 0.00	43.77 0.21 0.00	51.66 0.15 0.00	45.32 0.23 0.00	41.10 0.19 0.00	49.73 0.24 0.00	49.51 0.45 0.00	63.74 0.08 0.00	59.71 -0.37 -0.09	47.93 -0.38 0.00	54.84 -0.37 0.00	50.41 -0.41 0.00	48.47 -0.57 0.00	45.47 -0.67 -0.02	49.53 -0.86 0.00	49.74 -0.73 -0.61	55.27 -0.94 -1.22	55.56 -0.57 0.00	69.14 -0.46 -4.51	72.55 -0.67 -7.18	54.22 -0.48 -6.00	46.38 -0.43 -4.98	45.38 -0.31 -4.20
NEG CENTRAL___STATE_STREET 24147	40.10 0.24 0.00	42.76 0.10 0.00	43.90 0.33 0.00	51.72 0.21 0.00	45.45 0.36 0.00	41.26 0.36 0.00	50.07 0.57 0.00	49.79 0.73 0.00	64.35 0.69 0.00	60.12 0.13 0.00	48.39 0.08 0.00	55.36 0.15 0.00	50.90 0.08 0.00	48.86 -0.17 0.00	45.98 -0.15 0.00	50.23 -0.16 0.00	49.86 0.01 0.00	54.89 -0.09 0.00	56.36 0.24 0.00	65.51 0.42 0.00	66.49 0.46 0.00	49.01 0.32 0.00	41.92 0.09 0.00	41.72 0.23 0.00
NEG MILLWOOD___DRP 24198	40.91 1.05 0.00	43.60 0.94 0.00	44.46 0.89 0.00	52.58 1.07 0.00	45.99 0.89 0.00	41.81 0.91 0.00	50.91 1.41 0.00	51.03 1.97 0.00	66.35 2.70 0.00	63.03 3.04 0.00	51.11 2.81 0.00	58.37 3.16 0.00	53.76 2.94 0.00	52.07 3.04 0.00	49.04 2.92 0.00	53.50 3.11 0.00	52.83 2.98 0.00	58.42 3.44 0.00	59.54 3.41 0.00	69.01 3.92 0.00	69.75 3.72 0.00	51.22 2.53 0.00	43.91 2.08 0.00	43.30 1.81 0.00
NEG NORTH_FLCN_SEA 23793	41.60 1.74 0.00	44.65 1.98 0.00	45.45 1.88 0.00	53.51 2.00 0.00	46.83 1.74 0.00	42.31 1.41 0.00	51.07 1.58 0.00	50.40 1.34 0.00	65.42 1.76 0.00	60.88 0.89 0.00	48.88 0.57 0.00	55.92 0.71 0.00	51.61 0.78 0.00	49.86 0.83 0.00	46.87 0.74 0.00	51.18 0.79 0.00	50.65 0.80 0.00	55.64 0.65 0.00	56.34 0.21 0.00	65.59 0.50 0.00	66.61 0.57 0.00	49.60 0.91 0.00	42.88 1.05 0.00	42.82 1.33 0.00
NEG NORTH_KES_CHATEGAY 23792	41.13 1.27 0.00	44.24 1.58 0.00	45.09 1.52 0.00	53.19 1.68 0.00	46.56 1.47 0.00	42.09 1.18 0.00	50.81 1.31 0.00	50.03 0.97 0.00	64.98 1.33 0.00	60.59 0.61 0.00	48.45 0.14 0.00	55.43 0.22 0.00	51.13 0.31 0.00	49.33 0.30 0.00	46.34 0.22 0.00	50.60 0.21 0.00	50.07 0.21 0.00	54.95 -0.04 0.00	55.58 -0.55 0.00	64.82 -0.27 0.00	66.13 0.09 0.00	49.12 0.43 0.00	42.39 0.56 0.00	42.34 0.85 0.00
NEG NORTH___ALICE_FALLS 23915	41.80 1.95 0.00	44.88 2.22 0.00	45.70 2.13 0.00	53.83 2.32 0.00	47.13 2.04 0.00	42.63 1.73 0.00	51.53 2.04 0.00	50.87 1.81 0.00	65.85 2.19 0.00	61.20 1.21 0.00	49.03 0.72 0.00	56.07 0.86 0.00	51.77 0.94 0.00	50.04 1.01 0.00	47.04 0.91 0.00	51.30 0.92 0.00	50.78 0.92 0.00	55.82 0.84 0.00	56.70 0.58 0.00	66.06 0.97 0.00	67.24 1.20 0.00	49.99 1.30 0.00	43.16 1.33 0.00	43.08 1.59 0.00
NEG NORTH___LWR_SARANAC 23913	41.80 1.95 0.00	44.88 2.22 0.00	45.70 2.13 0.00	53.83 2.32 0.00	47.13 2.04 0.00	42.63 1.73 0.00	51.53 2.04 0.00	50.87 1.81 0.00	65.85 2.19 0.00	61.20 1.21 0.00	49.03 0.72 0.00	56.07 0.86 0.00	51.77 0.94 0.00	50.04 1.01 0.00	47.04 0.91 0.00	51.30 0.92 0.00	50.78 0.92 0.00	55.82 0.84 0.00	56.70 0.58 0.00	66.06 0.97 0.00	67.24 1.20 0.00	49.99 1.30 0.00	43.16 1.33 0.00	43.08 1.59 0.00
NEG NORTH___PLATTSBURG 23628	41.80 1.95 0.00	44.88 2.22 0.00	45.70 2.13 0.00	53.83 2.32 0.00	47.13 2.04 0.00	42.63 1.73 0.00	51.53 2.04 0.00	50.87 1.81 0.00	65.85 2.20 0.00	61.20 1.21 0.00	49.03 0.72 0.00	56.07 0.85 0.00	51.76 0.94 0.00	50.04 1.00 0.00	47.04 0.91 0.00	51.31 0.92 0.00	50.78 0.93 0.00	55.82 0.83 0.00	56.70 0.58 0.00	66.06 0.97 0.00	67.24 1.20 0.00	49.99 1.30 0.00	43.16 1.33 0.00	43.08 1.59 0.00
NEG WEST_LEA_LOCKPORT 23791	38.05 -1.81 0.00	40.56 -2.10 0.00	41.41 -2.16 0.00	48.96 -2.55 0.00	42.77 -2.32 0.00	38.20 -2.70 0.00	45.71 -3.79 0.00	45.48 -3.58 0.00	59.03 -4.63 0.00	55.30 -4.50 0.20	44.13 -4.18 0.00	50.40 -4.81 0.00	46.38 -4.44 0.00	44.36 -4.68 0.00	41.34 -4.74 0.04	45.31 -5.08 0.00	43.87 -4.71 1.27	46.47 -5.98 2.54	50.21 -5.91 0.00	48.81 -6.90 9.38	44.46 -6.57 15.00	31.61 -4.54 12.54	27.99 -3.44 10.40	30.04 -2.69 8.76
NEG WEST___LANCASTR 23811	38.97 -0.88 0.00	41.47 -1.20 0.00	42.44 -1.13 0.00	50.18 -1.32 0.00	43.80 -1.28 0.00	39.26 -1.64 0.00	47.29 -2.20 0.00	47.04 -2.02 0.00	61.16 -2.50 0.00	57.36 -2.53 0.10	46.04 -2.26 0.00	52.65 -2.56 0.00	48.42 -2.40 0.00	46.44 -2.59 0.00	43.61 -2.49 0.02	47.70 -2.69 0.00	46.65 -2.56 0.64	50.38 -3.34 1.27	52.93 -3.20 0.00	56.66 -3.75 4.68	55.05 -3.49 7.49	40.01 -2.42 6.26	34.94 -1.70 5.19	36.07 -1.05 4.38
NEG_PENN_ALLEGHNY 23528	40.15 0.30 0.00	42.79 0.13 0.00	43.81 0.24 0.00	51.81 0.30 0.00	45.31 0.23 0.00	40.97 0.07 0.00	49.61 0.12 0.00	49.40 0.34 0.00	64.01 0.36 0.00	60.30 0.31 0.00	48.69 0.38 0.00	55.74 0.53 0.00	51.18 0.36 0.00	49.31 0.28 0.00	46.36 0.23 0.00	50.56 0.16 0.00	49.96 0.11 0.00	55.08 0.09 0.00	56.33 0.21 0.00	65.26 0.17 0.00	66.22 0.18 0.00	48.78 0.09 0.00	41.95 0.12 0.00	41.64 0.15 0.00
NEG___GEN_MONROE 24207	39.31 -0.55 0.00	41.90 -0.76 0.00	42.79 -0.78 0.00	50.60 -0.90 0.00	44.28 -0.81 0.00	40.15 -0.75 0.00	48.47 -1.03 0.00	48.21 -0.85 0.00	62.33 -1.33 0.00	58.28 -1.67 0.03	46.50 -1.81 0.00	53.16 -2.05 0.00	48.90 -1.92 0.00	46.93 -2.10 0.00	43.82 -2.30 0.00	47.93 -2.46 0.00	47.42 -2.23 0.20	51.82 -2.77 0.40	53.74 -2.39 0.00	61.04 -2.57 1.48	61.37 -2.29 2.37	45.08 -1.63 1.98	38.99 -1.20 1.64	39.33 -0.77 1.39

NEPA__ENERGY 23901	39.91 0.06 0.00	42.35 -0.31 0.00	43.59 0.02 0.00	51.51 0.00 0.00	44.94 -0.15 0.00	40.16 -0.74 0.00	48.45 -1.05 0.00	48.23 -0.83 0.00	62.61 -1.05 0.00	58.61 -1.27 0.10	47.35 -0.96 0.00	54.47 -0.74 0.00	50.05 -0.77 0.00	47.98 -1.05 0.00	44.91 -1.19 0.02	48.63 -1.76 0.00	47.18 -2.01 0.67	50.83 -2.82 1.34	53.14 -2.99 0.00	56.44 -3.70 4.95	54.60 -3.51 7.92	39.57 -2.50 6.62	34.60 -1.74 5.49	35.69 -1.17 4.63
NEVERSink__HYD 23608	41.08 1.22 0.00	43.80 1.13 0.00	44.69 1.12 0.00	52.84 1.34 0.00	46.26 1.17 0.00	42.01 1.11 0.00	51.13 1.63 0.00	51.18 2.12 0.00	66.49 2.83 0.00	63.07 3.08 0.00	51.18 2.87 0.00	58.46 3.25 0.00	53.81 2.99 0.00	52.04 3.01 0.00	49.02 2.89 0.00	53.47 3.07 0.00	52.80 2.95 0.00	58.36 3.38 0.00	59.60 3.47 0.00	69.05 3.96 0.00	69.87 3.83 0.00	51.35 2.66 0.00	43.98 2.15 0.00	43.39 1.90 0.00
NEWKRMKL_115KV_TB1 55635	39.45 -0.41 0.00	42.19 -0.47 0.00	43.03 -0.54 0.00	50.88 -0.63 0.00	44.56 -0.53 0.00	40.56 -0.34 0.00	49.03 -0.47 0.00	48.80 -0.26 0.00	63.47 -0.19 0.00	60.08 0.09 0.00	48.55 0.24 0.00	55.48 0.27 0.00	51.08 0.26 0.00	49.38 0.34 0.00	46.54 0.42 0.00	50.89 0.50 0.00	50.40 0.55 0.00	55.72 0.74 0.00	56.76 0.64 0.00	65.64 0.55 0.00	66.44 0.40 0.00	49.06 0.36 0.00	42.08 0.24 0.00	41.64 0.15 0.00
NEWTON__FALLS_HYD 23847	39.71 -0.14 0.00	42.73 0.06 0.00	43.62 0.05 0.00	51.56 0.05 0.00	45.13 0.04 0.00	41.02 0.12 0.00	49.85 0.36 0.00	49.11 0.06 0.00	63.05 -0.60 0.00	58.62 -1.37 0.00	46.74 -1.57 0.00	53.61 -1.60 0.00	49.39 -1.42 0.00	47.39 -1.65 0.00	44.45 -1.68 0.00	48.60 -1.79 0.00	48.16 -1.70 0.00	53.10 -1.89 0.00	54.51 -1.62 0.00	64.09 -1.01 0.00	65.16 -0.87 0.00	47.78 -0.91 0.00	41.28 -0.56 0.00	40.76 -0.73 0.00
NGRID_A1_DSASP 323792	37.70 -2.16 0.00	40.19 -2.47 0.00	41.05 -2.52 0.00	48.50 -3.01 0.00	42.34 -2.75 0.00	37.78 -3.12 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.10 -5.56 0.00	54.49 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.74 -5.08 0.00	43.75 -5.28 0.00	40.80 -5.29 0.03	44.79 -5.61 0.00	43.56 -5.25 1.04	46.12 -6.78 2.08	49.23 -6.90 0.00	49.46 -7.96 7.67	46.17 -7.59 12.27	33.22 -5.22 10.25	29.40 -3.93 8.50	31.37 -2.95 7.17
NGRID_A2_DSASP 323793	37.70 -2.16 0.00	40.19 -2.47 0.00	41.05 -2.52 0.00	48.50 -3.01 0.00	42.34 -2.75 0.00	37.78 -3.12 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.10 -5.56 0.00	54.49 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.74 -5.08 0.00	43.75 -5.28 0.00	40.80 -5.29 0.03	44.79 -5.61 0.00	43.56 -5.25 1.04	46.12 -6.78 2.08	49.23 -6.90 0.00	49.46 -7.96 7.67	46.17 -7.59 12.27	33.22 -5.22 10.25	29.40 -3.93 8.50	31.37 -2.95 7.17
NGRID_A4_DSASP 323807	37.70 -2.16 0.00	40.19 -2.47 0.00	41.05 -2.52 0.00	48.50 -3.01 0.00	42.34 -2.75 0.00	37.78 -3.12 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.10 -5.56 0.00	54.49 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.74 -5.08 0.00	43.75 -5.28 0.00	40.80 -5.29 0.03	44.79 -5.61 0.00	43.56 -5.25 1.04	46.12 -6.78 2.08	49.23 -6.90 0.00	49.46 -7.96 7.67	46.17 -7.59 12.27	33.22 -5.22 10.25	29.40 -3.93 8.50	31.37 -2.95 7.17
NIAGARA_115E_LBMP 323715	37.45 -2.41 0.00	39.93 -2.73 0.00	40.77 -2.80 0.00	48.19 -3.32 0.00	42.10 -2.99 0.00	37.53 -3.37 0.00	44.79 -4.70 0.00	44.56 -4.50 0.00	57.91 -5.74 0.00	54.41 -5.42 0.16	43.39 -4.92 0.00	49.55 -5.66 0.00	45.63 -5.19 0.00	43.64 -5.39 0.00	40.66 -5.43 0.03	44.60 -5.79 0.00	43.41 -5.42 1.03	46.01 -6.93 2.05	49.19 -6.93 0.00	49.45 -8.08 7.56	46.21 -7.73 12.09	33.23 -5.35 10.11	29.38 -4.07 8.38	31.21 -3.21 7.07
NIAGARA_115W_LBMP 323714	37.62 -2.24 0.00	40.11 -2.56 0.00	40.96 -2.60 0.00	48.40 -3.11 0.00	42.26 -2.83 0.00	37.70 -3.20 0.00	44.78 -4.72 0.00	44.50 -4.56 0.00	57.91 -5.74 0.00	54.33 -5.50 0.16	43.39 -4.92 0.00	49.55 -5.66 0.00	45.61 -5.21 0.00	43.64 -5.39 0.00	40.68 -5.42 0.03	44.65 -5.74 0.00	43.42 -5.38 1.05	45.96 -6.93 2.09	49.07 -7.06 0.00	49.22 -8.15 7.72	45.89 -7.79 12.36	33.00 -5.37 10.32	29.22 -4.05 8.56	31.22 -3.06 7.22
NIAGARA_230_LBMP 323716	37.81 -2.04 0.00	40.33 -2.34 0.00	41.19 -2.38 0.00	48.67 -2.84 0.00	42.50 -2.59 0.00	37.93 -2.97 0.00	45.34 -4.16 0.00	45.08 -3.99 0.00	58.67 -4.99 0.00	54.97 -4.85 0.17	43.94 -4.37 0.00	50.19 -5.02 0.00	46.21 -4.61 0.00	44.21 -4.83 0.00	41.27 -4.83 0.03	45.26 -5.13 0.00	43.96 -4.80 1.09	46.58 -6.23 2.17	49.76 -6.37 0.00	49.80 -7.27 8.03	46.27 -6.92 12.84	33.23 -4.73 10.73	29.39 -3.55 8.90	31.28 -2.71 7.50
NIAGARA__115KV_198_GIBSON 55903	37.62 -2.24 0.00	40.11 -2.56 0.00	40.96 -2.61 0.00	48.40 -3.11 0.00	42.25 -2.84 0.00	37.69 -3.21 0.00	44.77 -4.72 0.00	44.50 -4.56 0.00	57.90 -5.75 0.00	54.34 -5.49 0.16	43.39 -4.92 0.00	49.54 -5.67 0.00	45.57 -5.25 0.00	43.63 -5.41 0.00	40.65 -5.44 0.03	44.62 -5.77 0.00	43.42 -5.39 1.05	45.93 -6.96 2.09	49.09 -7.03 0.00	49.16 -8.21 7.72	45.80 -7.87 12.36	32.92 -5.45 10.32	29.16 -4.11 8.56	31.13 -3.15 7.22
NIAGARA____ 23760	37.81 -2.04 0.00	40.33 -2.34 0.00	41.19 -2.38 0.00	48.67 -2.84 0.00	42.50 -2.59 0.00	37.93 -2.97 0.00	45.34 -4.16 0.00	45.08 -3.99 0.00	58.67 -4.99 0.00	54.98 -4.85 0.16	43.94 -4.37 0.00	50.19 -5.02 0.00	46.21 -4.61 0.00	44.21 -4.83 0.00	41.27 -4.83 0.03	45.26 -5.13 0.00	43.99 -4.80 1.06	46.65 -6.23 2.11	49.76 -6.37 0.00	50.01 -7.27 7.81	46.62 -6.92 12.49	33.60 -4.73 10.36	29.77 -3.55 8.52	31.66 -2.71 7.12
NINE_MILE_1 23575	38.97 -0.89 0.00	41.64 -1.03 0.00	42.54 -1.03 0.00	50.29 -1.22 0.00	44.03 -1.06 0.00	39.96 -0.94 0.00	48.38 -1.12 0.00	48.04 -1.02 0.00	62.29 -1.37 0.00	58.58 -1.40 0.00	47.15 -1.15 0.00	53.90 -1.31 0.00	49.57 -1.24 0.00	47.79 -1.25 0.00	44.92 -1.21 0.00	49.07 -1.32 0.00	48.57 -1.29 0.00	53.53 -1.45 0.00	54.69 -1.44 0.00	63.49 -1.60 0.00	64.46 -1.57 0.00	47.50 -1.19 0.00	40.79 -1.04 0.00	40.48 -1.01 0.00
NINE_MILE_2 23744	38.97 -0.89 0.00	41.64 -1.03 0.00	42.54 -1.03 0.00	50.29 -1.22 0.00	44.03 -1.06 0.00	39.96 -0.94 0.00	48.38 -1.12 0.00	48.04 -1.02 0.00	62.28 -1.38 0.00	58.58 -1.40 0.00	47.15 -1.16 0.00	53.90 -1.31 0.00	49.57 -1.24 0.00	47.79 -1.25 0.00	44.91 -1.21 0.00	49.07 -1.32 0.00	48.57 -1.29 0.00	53.53 -1.45 0.00	54.69 -1.44 0.00	63.49 -1.60 0.00	64.45 -1.58 0.00	47.50 -1.19 0.00	40.79 -1.04 0.00	40.48 -1.01 0.00
NM_CAPITAL__DRP 24208	39.49 -0.37 0.00	42.23 -0.43 0.00	43.07 -0.50 0.00	50.92 -0.59 0.00	44.60 -0.49 0.00	40.59 -0.31 0.00	49.04 -0.46 0.00	48.80 -0.26 0.00	63.50 -0.16 0.00	60.13 0.14 0.00	48.58 0.27 0.00	55.51 0.30 0.00	51.11 0.30 0.00	49.42 0.38 0.00	46.58 0.46 0.00	50.93 0.54 0.00	50.47 0.61 0.00	55.79 0.80 0.00	56.77 0.64 0.00	65.68 0.60 0.00	66.48 0.45 0.00	49.11 0.42 0.00	42.12 0.28 0.00	41.71 0.22 0.00

NM_CENTRAL___DRP 24181	39.60 -0.26 0.00	42.27 -0.39 0.00	43.19 -0.38 0.00	51.07 -0.44 0.00	44.72 -0.37 0.00	40.59 -0.31 0.00	49.21 -0.29 0.00	48.92 -0.14 0.00	63.39 -0.27 0.00	59.59 -0.40 0.00	47.95 -0.36 0.00	54.82 -0.39 0.00	50.41 -0.41 0.00	48.58 -0.46 0.00	45.65 -0.47 0.00	49.88 -0.51 0.00	49.38 -0.47 0.00	54.40 -0.58 0.00	55.61 -0.52 0.00	64.56 -0.53 0.00	65.65 -0.39 0.00	48.35 -0.33 0.00	41.53 -0.30 0.00	41.18 -0.31 0.00
NM_FRONTIER___DRP 24179	37.62 -2.24 0.00	40.11 -2.56 0.00	40.96 -2.61 0.00	48.40 -3.11 0.00	42.25 -2.84 0.00	37.69 -3.21 0.00	44.77 -4.72 0.00	44.50 -4.56 0.00	57.90 -5.75 0.00	54.34 -5.49 0.16	43.39 -4.92 0.00	49.54 -5.67 0.00	45.57 -5.25 0.00	43.63 -5.41 0.00	40.65 -5.44 0.03	44.62 -5.77 0.00	43.42 -5.39 1.05	45.93 -6.96 2.09	49.09 -7.03 0.00	49.16 -8.21 7.72	45.80 -7.87 12.36	32.92 -5.45 10.32	29.16 -4.11 8.56	31.13 -3.15 7.22
NM_ST_REGIS___HYD 24053	40.38 0.53 0.00	43.53 0.86 0.00	44.42 0.85 0.00	52.48 0.97 0.00	45.95 0.86 0.00	41.66 0.76 0.00	50.41 0.91 0.00	49.48 0.42 0.00	63.89 0.24 0.00	59.54 -0.45 0.00	47.49 -0.82 0.00	54.51 -0.70 0.00	50.25 -0.57 0.00	48.25 -0.79 0.00	45.21 -0.91 0.00	49.42 -0.97 0.00	48.94 -0.92 0.00	53.94 -1.05 0.00	55.02 -1.10 0.00	64.42 -0.67 0.00	65.67 -0.36 0.00	48.49 -0.20 0.00	41.81 -0.03 0.00	41.61 0.12 0.00
NORTHPORT___1 23551	38.17 0.93 2.62	42.18 0.74 1.23	43.99 0.51 0.09	51.96 0.46 0.01	45.33 0.24 0.01	39.28 0.14 1.77	49.28 -0.01 0.22	49.05 0.51 0.52	62.24 1.35 2.76	55.87 1.90 6.02	52.47 2.17 -1.99	56.47 2.25 0.99	54.50 2.31 -1.37	54.19 2.57 -2.59	51.56 2.49 -2.94	53.90 2.48 -1.03	53.34 2.09 -1.40	61.04 2.35 -3.71	61.04 2.28 -2.63	69.40 2.58 -1.73	70.53 2.54 -1.96	54.43 1.70 -4.04	48.34 1.52 -4.99	46.20 1.63 -3.08
NORTHPORT___2 23552	38.17 0.93 2.62	42.18 0.74 1.23	43.99 0.51 0.09	51.96 0.46 0.01	45.33 0.24 0.01	39.28 0.14 1.77	49.28 -0.01 0.22	49.05 0.51 0.52	62.24 1.35 2.76	55.87 1.90 6.02	52.47 2.17 -1.99	56.47 2.25 0.99	54.50 2.31 -1.37	54.19 2.57 -2.59	51.56 2.49 -2.94	53.90 2.48 -1.03	53.34 2.09 -1.40	61.04 2.35 -3.71	61.04 2.28 -2.63	69.40 2.58 -1.73	70.53 2.54 -1.96	54.43 1.70 -4.04	48.34 1.52 -4.99	46.20 1.63 -3.08
NORTHPORT___3 23553	38.57 1.20 2.49	42.53 1.03 1.16	44.27 0.79 0.08	52.31 0.81 0.00	45.69 0.61 0.00	39.77 0.54 1.67	49.84 0.55 0.20	49.66 1.08 0.48	63.05 2.03 2.63	56.65 2.53 5.86	53.23 2.58 -2.34	57.27 2.81 0.74	55.17 2.74 -1.61	54.90 2.95 -2.91	52.34 2.87 -3.35	54.65 2.99 -1.26	54.14 2.61 -1.68	62.12 2.95 -4.19	61.96 2.89 -2.94	70.36 3.28 -1.99	71.49 3.25 -2.22	55.34 2.17 -4.48	49.24 1.86 -5.54	46.91 1.92 -3.50
NORTHPORT___4 23650	38.57 1.20 2.49	42.53 1.03 1.16	44.27 0.79 0.08	52.31 0.81 0.00	45.69 0.61 0.00	39.77 0.54 1.67	49.84 0.55 0.20	49.66 1.08 0.48	63.05 2.03 2.63	56.65 2.53 5.86	53.23 2.58 -2.34	57.27 2.81 0.74	55.17 2.74 -1.61	54.90 2.95 -2.91	52.34 2.87 -3.35	54.65 2.99 -1.26	54.14 2.61 -1.68	62.12 2.95 -4.19	61.96 2.89 -2.94	70.36 3.28 -1.99	71.49 3.25 -2.22	55.34 2.17 -4.48	49.24 1.86 -5.54	46.91 1.92 -3.50
NORTHPORT___IC 23718	38.17 0.93 2.62	42.18 0.74 1.23	44.00 0.52 0.09	51.97 0.47 0.01	45.34 0.26 0.01	39.29 0.15 1.77	49.28 -0.01 0.22	49.06 0.51 0.52	62.24 1.34 2.76	55.86 1.89 6.02	52.44 2.14 -1.99	56.47 2.24 0.99	54.49 2.30 -1.37	54.18 2.55 -2.59	51.55 2.48 -2.94	53.91 2.49 -1.03	53.35 2.10 -1.40	61.06 2.36 -3.71	61.04 2.28 -2.63	69.40 2.58 -1.73	70.55 2.56 -1.96	54.43 1.71 -4.04	48.36 1.53 -4.99	46.20 1.64 -3.08
NORTH___COUNTRY_ESR 323785	41.13 1.27 0.00	44.24 1.58 0.00	45.09 1.52 0.00	53.19 1.68 0.00	46.56 1.47 0.00	42.09 1.18 0.00	50.81 1.31 0.00	50.03 0.97 0.00	64.99 1.33 0.00	60.59 0.61 0.00	48.46 0.15 0.00	55.43 0.22 0.00	51.13 0.31 0.00	49.33 0.30 0.00	46.34 0.22 0.00	50.60 0.21 0.00	50.07 0.21 0.00	54.95 -0.04 0.00	55.58 -0.55 0.00	64.82 -0.26 0.00	66.13 0.09 0.00	49.12 0.43 0.00	42.39 0.55 0.00	42.34 0.85 0.00
NPX_GEN_1385_PROXY 323591	37.64 0.40 2.62	41.77 0.34 1.23	43.56 0.08 0.09	51.45 -0.05 0.01	44.89 -0.19 0.01	38.90 -0.24 1.77	48.72 -0.56 0.22	48.14 -0.41 0.52	61.46 0.56 2.76	55.29 1.33 6.02	52.00 1.70 -1.99	55.91 1.69 0.99	53.56 1.37 -1.37	53.30 1.68 -2.59	50.53 1.47 -2.94	52.80 1.38 -1.03	52.43 1.18 -1.40	60.01 1.32 -3.71	60.03 1.27 -2.63	68.44 1.78 -1.57	69.64 1.65 -1.96	53.40 0.67 -4.04	47.65 0.83 -4.99	45.81 1.24 -3.08
NPX_GEN_CSC 323557	37.90 0.31 2.27	41.65 0.04 1.07	43.29 -0.20 0.07	51.12 -0.38 0.00	44.57 -0.52 0.00	38.80 -0.57 1.53	48.38 -0.93 0.18	48.35 -0.26 0.44	61.53 0.29 2.42	55.09 0.53 5.43	52.23 1.14 -2.78	55.86 1.07 0.42	53.91 1.18 -1.91	53.87 1.57 -3.27	51.82 1.83 -3.86	53.78 1.86 -1.53	53.33 1.48 -2.00	61.45 1.76 -4.71	61.10 1.71 -3.27	69.20 1.96 -2.16	70.41 1.86 -2.51	54.92 1.28 -4.95	48.99 1.05 -6.12	46.53 1.07 -3.97
NSINS_S___GLNS_FALLS 23858	41.29 1.43 0.00	44.14 1.48 0.00	45.04 1.47 0.00	53.23 1.72 0.00	46.65 1.57 0.00	42.47 1.57 0.00	51.36 1.87 0.00	51.05 1.99 0.00	66.16 2.51 0.00	62.41 2.42 0.00	50.33 2.02 0.00	57.55 2.34 0.00	53.17 2.35 0.00	51.33 2.30 0.00	48.51 2.39 0.00	53.12 2.73 0.00	52.66 2.81 0.00	58.35 3.37 0.00	59.50 3.37 0.00	68.83 3.74 0.00	69.64 3.61 0.00	51.22 2.54 0.00	43.81 1.98 0.00	43.49 2.00 0.00
NUCOR_STEEL___DRP 24197	40.04 0.18 0.00	42.70 0.04 0.00	43.86 0.29 0.00	51.65 0.15 0.00	45.40 0.31 0.00	41.23 0.33 0.00	50.04 0.54 0.00	49.74 0.68 0.00	64.31 0.65 0.00	60.08 0.09 0.00	48.38 0.07 0.00	55.34 0.13 0.00	50.89 0.07 0.00	48.84 -0.20 0.00	45.97 -0.15 0.00	50.24 -0.15 0.00	49.88 0.02 0.00	54.88 -0.10 0.00	56.34 0.21 0.00	65.50 0.41 0.00	66.50 0.46 0.00	49.00 0.31 0.00	41.90 0.07 0.00	41.72 0.23 0.00
NUMBER_THREE_WT_PWR 323818	40.29 0.43 0.00	43.26 0.59 0.00	44.18 0.61 0.00	52.24 0.73 0.00	45.70 0.61 0.00	41.57 0.67 0.00	50.68 1.19 0.00	50.18 1.12 0.00	64.31 0.66 0.00	59.73 -0.25 0.00	47.65 -0.65 0.00	54.56 -0.65 0.00	50.22 -0.59 0.00	48.19 -0.85 0.00	45.26 -0.86 0.00	49.52 -0.87 0.00	49.10 -0.75 0.00	54.10 -0.89 0.00	55.56 -0.56 0.00	65.42 0.33 0.00	66.32 0.29 0.00	48.42 -0.28 0.00	41.96 0.13 0.00	41.16 -0.33 0.00
NYISO_LBMP_REFERENCE 24008	39.86 0.00 0.00	42.66 0.00 0.00	43.57 0.00 0.00	51.50 0.00 0.00	45.09 0.00 0.00	40.90 0.00 0.00	49.49 0.00 0.00	49.06 0.00 0.00	63.66 0.00 0.00	59.99 0.00 0.00	48.31 0.00 0.00	55.21 0.00 0.00	50.82 0.00 0.00	49.03 0.00 0.00	46.12 0.00 0.00	50.39 0.00 0.00	49.85 0.00 0.00	54.99 0.00 0.00	56.13 0.00 0.00	65.09 0.00 0.00	66.03 0.00 0.00	48.69 0.00 0.00	41.83 0.00 0.00	41.49 0.00 0.00

NYPA_BRENTWD____GT 24164	39.42 1.31 1.75	42.96 1.12 0.82	44.39 0.88 0.06	52.41 0.91 0.00	45.74 0.66 0.00	40.27 0.55 1.18	49.89 0.54 0.14	49.86 1.15 0.35	63.93 2.17 1.90	58.26 2.66 4.38	55.14 2.77 -4.07	58.60 2.96 -0.43	56.51 2.94 -2.76	56.49 3.15 -4.30	54.54 3.07 -5.34	55.84 3.16 -2.30	55.58 2.82 -2.90	64.33 3.13 -6.21	63.39 3.04 -4.22	71.58 3.25 -3.24	72.78 3.38 -3.37	57.37 2.37 -6.31	51.67 2.05 -7.79	48.86 2.07 -5.30
NYPA_GOWANUS____GT5 24156	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NYPA_GOWANUS____GT6 24157	56.21 1.35 -15.01	55.95 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.08 -8.91	55.77 1.08 -13.80	56.92 1.62 -5.81	57.56 2.40 -6.10	78.91 3.11 -12.14	91.53 3.64 -27.90	99.21 3.17 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.30 3.35 -50.83	99.02 3.56 -45.07	101.47 3.39 -48.22	99.00 3.83 -40.18	98.86 3.84 -38.90	98.99 4.45 -29.46	98.92 4.26 -28.62	98.88 2.84 -47.36	94.89 2.34 -50.72	57.40 2.11 -13.80
NYPA_HARLEM__RVR__GT1 24160	40.77 0.91 0.00	43.33 0.68 0.01	44.06 0.50 0.01	50.08 0.61 2.03	45.56 0.49 0.01	41.45 0.56 0.01	50.05 0.98 0.43	50.78 1.71 -0.01	66.08 2.42 -0.01	63.98 2.93 -1.06	51.65 2.72 -0.62	58.37 3.16 0.01	53.95 2.97 -0.16	52.22 3.04 -0.14	49.77 2.93 -0.73	53.54 3.06 -0.09	52.73 2.88 0.00	58.23 3.20 -0.04	59.36 3.12 -0.11	68.86 3.58 -0.19	69.50 3.37 -0.10	51.05 2.35 -0.01	43.78 1.94 0.00	43.17 1.68 -0.01
NYPA_HARLEM__RVR__GT2 24161	40.77 0.91 0.00	43.33 0.68 0.01	44.06 0.50 0.01	50.08 0.61 2.03	45.56 0.49 0.01	41.45 0.56 0.01	50.05 0.98 0.43	50.78 1.71 -0.01	66.08 2.42 -0.01	63.98 2.93 -1.06	51.65 2.72 -0.62	58.37 3.16 0.01	53.95 2.97 -0.16	52.22 3.04 -0.14	49.77 2.93 -0.73	53.54 3.06 -0.09	52.73 2.88 0.00	58.23 3.20 -0.04	59.36 3.12 -0.11	68.86 3.58 -0.19	69.50 3.37 -0.10	51.05 2.35 -0.01	43.78 1.94 0.00	43.17 1.68 -0.01
NYPA_KENT____GT 24152	50.17 1.26 -9.06	51.06 1.10 -7.30	50.84 1.00 -6.27	54.11 1.22 -1.38	51.45 0.99 -5.37	50.21 0.99 -8.32	54.54 1.51 -3.53	55.11 2.27 -3.78	74.01 3.02 -7.33	85.05 3.52 -21.54	91.90 3.12 -40.47	96.89 3.52 -38.16	96.51 3.29 -42.39	89.04 3.46 -36.54	89.37 3.30 -39.94	88.44 3.49 -34.56	92.88 3.33 -39.70	85.02 3.76 -26.28	83.68 3.70 -23.86	87.14 4.27 -17.78	87.37 4.07 -17.27	80.10 2.73 -28.67	75.94 2.28 -31.83	51.84 2.02 -8.33
NYPA_POUCH1____GT 24155	56.09 1.23 -15.01	55.82 1.05 -12.10	54.91 0.95 -10.39	54.95 1.15 -2.30	54.93 0.94 -8.91	55.62 0.92 -13.80	56.74 1.44 -5.81	57.39 2.23 -6.10	78.67 2.87 -12.14	81.25 3.39 -17.87	60.99 2.96 -9.72	77.06 3.31 -18.53	73.28 3.09 -19.37	98.66 3.37 -46.24	84.42 3.17 -35.13	98.83 3.36 -45.07	101.28 3.20 -48.22	97.78 3.64 -39.15	98.74 3.72 -38.90	98.87 4.32 -29.46	98.79 4.14 -28.62	98.77 2.73 -47.36	94.77 2.22 -50.72	57.31 2.02 -13.80
NYPA_VERNON____GT2 24162	44.14 1.17 -3.10	46.17 1.01 -2.50	46.62 0.90 -2.15	53.08 1.10 -0.47	47.83 0.89 -1.84	44.66 0.91 -2.85	52.15 1.41 -1.24	52.66 2.15 -1.46	69.09 2.91 -2.53	78.59 3.42 -15.17	84.61 3.09 -33.21	92.34 3.49 -33.64	93.10 3.26 -39.02	79.26 3.38 -26.85	78.41 3.23 -29.05	77.85 3.43 -24.04	84.30 3.27 -31.18	71.06 3.70 -12.37	68.56 3.62 -8.82	75.34 4.16 -6.09	75.90 3.95 -5.92	61.31 2.63 -9.99	56.97 2.21 -12.93	46.29 1.95 -2.86
NYPA_VERNON____GT3 24163	44.14 1.17 -3.10	46.17 1.01 -2.50	46.62 0.90 -2.15	53.08 1.10 -0.47	47.83 0.89 -1.84	44.66 0.91 -2.85	52.15 1.41 -1.24	52.66 2.15 -1.46	69.09 2.91 -2.53	78.59 3.42 -15.17	84.61 3.09 -33.21	92.34 3.49 -33.64	93.10 3.26 -39.02	79.26 3.38 -26.85	78.41 3.23 -29.05	77.85 3.43 -24.04	84.30 3.27 -31.18	71.06 3.70 -12.37	68.56 3.62 -8.82	75.34 4.16 -6.09	75.90 3.95 -5.92	61.31 2.63 -9.99	56.97 2.21 -12.93	46.29 1.95 -2.86
NYPA__ASTORIA_CC1 323568	40.99 1.12 0.00	43.62 0.95 0.00	44.41 0.84 0.00	52.54 1.04 0.00	45.92 0.83 0.00	41.75 0.85 0.00	50.89 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.85 3.36 -9.50	74.93 3.04 -23.58	83.72 3.44 -25.07	83.90 3.22 -29.86	69.82 3.32 -17.46	68.02 3.17 -18.73	68.61 3.36 -14.86	74.47 3.20 -21.42	62.72 3.63 -4.11	60.45 3.55 -0.78	69.18 4.08 0.00	69.90 3.86 0.00	51.45 2.56 -0.20	46.45 2.16 -2.47	43.39 1.89 -0.01
NYPA__ASTORIA_CC2 323569	40.99 1.12 0.00	43.62 0.95 0.00	44.41 0.84 0.00	52.54 1.04 0.00	45.92 0.83 0.00	41.75 0.85 0.00	50.89 1.35 -0.04	51.35 2.10 -0.20	66.51 2.84 -0.02	72.85 3.36 -9.50	74.93 3.04 -23.58	83.72 3.44 -25.07	83.90 3.22 -29.86	69.82 3.32 -17.46	68.02 3.17 -18.73	68.61 3.36 -14.86	74.47 3.20 -21.42	62.72 3.63 -4.11	60.45 3.55 -0.78	69.18 4.08 0.00	69.90 3.86 0.00	51.45 2.56 -0.20	46.45 2.16 -2.47	43.39 1.89 -0.01
NYPA__HOLTSVILL 23794	38.46 0.90 2.31	42.27 0.68 1.08	43.92 0.43 0.07	51.87 0.37 0.00	45.26 0.18 0.00	39.40 0.05 1.55	49.17 -0.14 0.19	49.08 0.48 0.45	62.45 1.25 2.45	56.21 1.72 5.50	53.06 2.05 -2.70	56.87 2.13 0.48	54.84 2.17 -1.85	54.70 2.47 -3.20	52.36 2.47 -3.77	54.41 2.53 -1.48	53.94 2.15 -1.94	62.00 2.41 -4.61	61.69 2.36 -3.20	70.02 2.68 -2.25	71.09 2.60 -2.45	55.33 1.79 -4.86	49.37 1.54 -6.00	46.94 1.57 -3.88
NYPA__HELLGATE_GT1 24158	40.77 0.91 0.00	43.33 0.68 0.01	44.06 0.50 0.01	50.08 0.61 2.03	45.56 0.49 0.01	41.45 0.56 0.01	50.05 0.98 0.43	50.77 1.71 -0.01	66.08 2.42 -0.01	63.98 2.93 -1.06	51.65 2.72 -0.62	58.37 3.16 0.01	53.95 2.97 -0.16	52.22 3.04 -0.14	49.77 2.93 -0.73	53.54 3.06 -0.09	52.73 2.88 0.00	58.23 3.20 -0.04	59.36 3.12 -0.11	68.86 3.58 -0.19	69.50 3.37 -0.10	51.05 2.35 -0.01	43.78 1.94 0.00	43.17 1.68 -0.01
NYPA__HELLGATE_GT2 24159	40.77 0.91 0.00	43.33 0.68 0.01	44.06 0.50 0.01	50.08 0.61 2.03	45.56 0.49 0.01	41.45 0.56 0.01	50.05 0.98 0.43	50.77 1.71 -0.01	66.08 2.42 -0.01	63.98 2.93 -1.06	51.65 2.72 -0.62	58.37 3.16 0.01	53.95 2.97 -0.16	52.22 3.04 -0.14	49.77 2.93 -0.73	53.54 3.06 -0.09	52.73 2.88 0.00	58.23 3.20 -0.04	59.36 3.12 -0.11	68.86 3.58 -0.19	69.50 3.37 -0.10	51.05 2.35 -0.01	43.78 1.94 0.00	43.17 1.68 -0.01
NYS_BARGE__HYD 23848	38.04 -1.81 0.00	40.56 -2.10 0.00	41.41 -2.16 0.00	48.95 -2.56 0.00	42.77 -2.32 0.00	38.20 -2.70 0.00	45.71 -3.78 0.00	45.48 -3.58 0.00	59.04 -4.62 0.00	55.34 -4.49 0.17	44.12 -4.19 0.00	50.39 -4.82 0.00	46.43 -4.39 0.00	44.35 -4.69 0.00	41.36 -4.73 0.03	45.32 -5.07 0.00	44.06 -4.72 1.07	46.88 -5.97 2.14	50.22 -5.90 0.00	50.39 -6.80 7.90	46.95 -6.44 12.64	33.69 -4.43 10.56	29.73 -3.34 8.76	31.54 -2.56 7.39

OAK ORCHARD___HYD 24046	39.09 -0.76 0.00	41.70 -0.97 0.00	42.59 -0.98 0.00	50.35 -1.16 0.00	44.07 -1.02 0.00	39.99 -0.91 0.00	48.29 -1.21 0.00	48.01 -1.05 0.00	62.18 -1.48 0.00	58.26 -1.72 0.00	46.59 -1.72 0.00	53.26 -1.95 0.00	48.99 -1.83 0.00	47.07 -1.97 0.00	44.02 -2.11 0.00	48.14 -2.24 0.00	47.80 -2.05 0.00	52.43 -2.56 0.00	53.69 -2.44 0.00	62.43 -2.66 0.00	63.62 -2.41 0.00	46.98 -1.71 0.00	40.54 -1.29 0.00	40.58 -0.91 0.00
OAKDALE___35_KV_LOAD 356122	40.06 0.20 0.00	42.69 0.03 0.00	43.70 0.13 0.00	51.68 0.17 0.00	45.19 0.10 0.00	40.86 -0.05 0.00	49.46 -0.03 0.00	49.24 0.18 0.00	63.81 0.15 0.00	60.14 0.15 0.00	48.56 0.25 0.00	55.59 0.37 0.00	51.07 0.25 0.00	49.20 0.17 0.00	46.26 0.13 0.00	50.44 0.05 0.00	49.84 -0.01 0.00	54.92 -0.06 0.00	56.19 0.06 0.00	65.07 -0.02 0.00	66.02 -0.02 0.00	48.67 -0.02 0.00	41.85 0.02 0.00	41.55 0.06 0.00
OCC_CHEM___DRP 24175	37.70 -2.16 0.00	40.19 -2.47 0.00	41.04 -2.53 0.00	48.49 -3.02 0.00	42.33 -2.76 0.00	37.77 -3.13 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.09 -5.57 0.00	54.50 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.70 -5.11 0.00	43.76 -5.28 0.00	40.78 -5.32 0.03	44.75 -5.64 0.00	43.57 -5.25 1.04	46.11 -6.80 2.08	49.26 -6.87 0.00	49.40 -8.02 7.67	46.08 -7.68 12.27	33.12 -5.31 10.25	29.35 -3.98 8.50	31.29 -3.03 7.17
OH_GEN_PROXY 24063	37.90 -1.96 0.00	40.39 -2.27 0.00	41.27 -2.30 0.00	48.77 -2.74 0.00	42.57 -2.51 0.00	38.03 -2.87 0.00	45.51 -3.99 0.00	45.25 -3.81 0.00	58.89 -4.76 0.00	55.18 -4.66 0.15	44.11 -4.20 0.00	50.40 -4.81 0.00	46.38 -4.44 0.00	44.39 -4.65 0.00	41.43 -4.66 0.03	45.45 -4.94 0.00	44.23 -4.65 0.98	47.02 -6.01 1.96	49.98 -6.15 0.00	50.68 -7.04 7.37	47.80 -6.68 11.55	34.46 -4.59 9.65	30.39 -3.44 8.00	32.12 -2.63 6.74
OLIN_CORP_DRP 24177	37.52 -2.33 0.00	40.01 -2.66 0.00	40.84 -2.73 0.00	48.27 -3.23 0.00	42.16 -2.93 0.00	37.60 -3.30 0.00	44.90 -4.59 0.00	44.66 -4.40 0.00	58.05 -5.60 0.00	54.54 -5.30 0.16	43.49 -4.82 0.00	49.66 -5.56 0.00	45.70 -5.12 0.00	43.73 -5.28 0.00	40.74 -5.35 0.03	44.70 -5.70 0.00	43.55 -5.29 1.01	46.16 -6.81 2.01	49.34 -6.79 0.00	49.69 -7.97 7.43	46.48 -7.66 11.89	33.45 -5.30 9.94	29.57 -4.02 8.24	31.36 -3.18 6.95
OLIN_CORP_DSASP 323712	37.70 -2.16 0.00	40.19 -2.47 0.00	41.05 -2.52 0.00	48.50 -3.01 0.00	42.34 -2.75 0.00	37.78 -3.12 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.10 -5.56 0.00	54.49 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.74 -5.08 0.00	43.75 -5.28 0.00	40.80 -5.29 0.03	44.79 -5.61 0.00	43.56 -5.25 1.04	46.12 -6.78 2.08	49.23 -6.90 0.00	49.46 -7.96 7.67	46.17 -7.59 12.27	33.22 -5.22 10.25	29.40 -3.93 8.50	31.37 -2.95 7.17
ONEIDA_HERK_LFGE 323681	40.49 0.63 0.00	43.34 0.68 0.00	44.27 0.70 0.00	52.33 0.83 0.00	45.81 0.72 0.00	41.67 0.76 0.00	50.69 1.19 0.00	50.28 1.22 0.00	64.84 1.18 0.00	60.67 0.69 0.00	48.61 0.31 0.00	55.60 0.38 0.00	51.15 0.33 0.00	49.23 0.20 0.00	46.30 0.17 0.00	50.66 0.27 0.00	50.26 0.40 0.00	55.51 0.53 0.00	56.93 0.81 0.00	66.38 1.29 0.00	67.29 1.25 0.00	49.36 0.67 0.00	42.51 0.68 0.00	41.90 0.41 0.00
ONEIDA___115KV_TB4 55905	40.65 0.79 0.00	43.44 0.77 0.00	44.35 0.79 0.00	52.43 0.93 0.00	45.92 0.83 0.00	41.76 0.86 0.00	50.77 1.28 0.00	50.46 1.40 0.00	65.27 1.61 0.00	61.20 1.22 0.00	49.05 0.74 0.00	56.09 0.88 0.00	51.53 0.71 0.00	49.63 0.60 0.00	46.73 0.60 0.00	51.16 0.77 0.00	50.85 1.00 0.00	56.23 1.25 0.00	57.67 1.54 0.00	66.93 1.84 0.00	67.88 1.85 0.00	49.91 1.22 0.00	42.84 1.01 0.00	42.33 0.84 0.00
ONONDAGA_REF_OCCRA 23987	39.87 0.01 0.00	42.54 -0.13 0.00	43.48 -0.09 0.00	51.39 -0.11 0.00	45.02 -0.07 0.00	40.86 -0.04 0.00	49.55 0.06 0.00	49.27 0.21 0.00	63.81 0.15 0.00	59.96 -0.03 0.00	48.24 -0.07 0.00	55.14 -0.07 0.00	50.68 -0.14 0.00	48.85 -0.19 0.00	45.91 -0.22 0.00	50.14 -0.25 0.00	49.97 0.12 0.00	55.80 0.82 0.00	57.17 1.04 0.00	66.27 1.18 0.00	66.11 0.08 0.00	48.70 0.00 0.00	41.81 -0.02 0.00	41.45 -0.03 0.00
ONONDAGA___COGEN 23986	39.83 -0.03 0.00	42.50 -0.16 0.00	43.47 -0.09 0.00	51.38 -0.13 0.00	45.02 -0.07 0.00	40.86 -0.04 0.00	49.55 0.05 0.00	49.25 0.19 0.00	63.76 0.10 0.00	59.85 -0.14 0.00	48.18 -0.13 0.00	55.09 -0.12 0.00	50.65 -0.17 0.00	48.80 -0.24 0.00	45.86 -0.27 0.00	50.10 -0.29 0.00	49.70 -0.15 0.00	54.94 -0.04 0.00	56.23 0.10 0.00	65.27 0.18 0.00	66.05 0.02 0.00	48.65 -0.04 0.00	41.76 -0.08 0.00	41.42 -0.07 0.00
ONTARIO___LFGE 23819	40.15 0.30 0.00	42.76 0.09 0.00	43.78 0.21 0.00	51.66 0.16 0.00	45.32 0.23 0.00	41.11 0.20 0.00	49.73 0.24 0.00	49.51 0.45 0.00	63.74 0.09 0.00	59.72 -0.37 -0.09	47.95 -0.36 0.00	54.85 -0.36 0.00	50.42 -0.40 0.00	48.47 -0.57 0.00	45.47 -0.67 -0.02	49.53 -0.86 0.00	49.73 -0.74 -0.61	55.27 -0.94 -1.22	55.57 -0.56 0.00	69.16 -0.44 -4.51	72.55 -0.66 -7.18	54.24 -0.45 -6.00	46.38 -0.43 -4.98	45.39 -0.30 -4.20
ORANGEVILLE_WT_PWR 323706	39.01 -0.85 0.00	41.49 -1.17 0.00	42.47 -1.10 0.00	50.20 -1.31 0.00	43.90 -1.19 0.00	39.36 -1.54 0.00	47.32 -2.17 0.00	47.03 -2.03 0.00	60.41 -3.25 0.00	55.48 -3.48 1.03	45.34 -2.97 0.00	51.91 -3.30 0.00	47.76 -3.06 0.00	45.62 -3.42 0.00	42.32 -3.61 0.19	46.44 -3.95 0.00	39.22 -3.92 6.72	37.12 -4.47 13.39	51.76 -4.36 0.00	10.57 -5.10 49.42	-17.99 -4.99 79.03	-21.04 -3.69 66.03	-16.28 -3.35 54.76	-7.75 -3.09 46.16
ORANGEVILLE___ESR 323794	39.01 -0.85 0.00	41.49 -1.17 0.00	42.47 -1.10 0.00	50.20 -1.31 0.00	43.90 -1.19 0.00	39.36 -1.54 0.00	47.32 -2.17 0.00	47.03 -2.03 0.00	60.41 -3.25 0.00	55.48 -3.48 1.03	45.34 -2.97 0.00	51.91 -3.30 0.00	47.76 -3.06 0.00	45.62 -3.42 0.00	42.32 -3.61 0.19	46.44 -3.95 0.00	39.22 -3.92 6.72	37.12 -4.47 13.39	51.76 -4.36 0.00	10.57 -5.10 49.42	-17.99 -4.99 79.03	-21.04 -3.69 66.03	-16.28 -3.35 54.76	-7.75 -3.09 46.16
OSWEGATCHIE___HYD 24044	39.71 -0.14 0.00	42.73 0.06 0.00	43.62 0.05 0.00	51.56 0.05 0.00	45.13 0.04 0.00	41.02 0.12 0.00	49.85 0.36 0.00	49.12 0.06 0.00	63.05 -0.60 0.00	58.62 -1.37 0.00	46.73 -1.57 0.00	53.61 -1.60 0.00	49.39 -1.42 0.00	47.39 -1.65 0.00	44.45 -1.68 0.00	48.60 -1.79 0.00	48.15 -1.70 0.00	53.10 -1.89 0.00	54.51 -1.62 0.00	64.09 -1.01 0.00	65.16 -0.87 0.00	47.78 -0.91 0.00	41.28 -0.56 0.00	40.76 -0.73 0.00
OSWEGO___5 23606	39.19 -0.67 0.00	41.87 -0.79 0.00	42.77 -0.79 0.00	50.56 -0.94 0.00	44.27 -0.81 0.00	40.18 -0.73 0.00	48.65 -0.84 0.00	48.33 -0.73 0.00	62.61 -1.05 0.00	58.90 -1.09 0.00	47.42 -0.89 0.00	54.19 -1.02 0.00	49.85 -0.97 0.00	48.04 -1.00 0.00	45.15 -0.98 0.00	49.33 -1.06 0.00	48.83 -1.03 0.00	53.83 -1.15 0.00	55.02 -1.11 0.00	63.85 -1.24 0.00	64.83 -1.20 0.00	47.78 -0.91 0.00	41.04 -0.80 0.00	40.72 -0.77 0.00

OSWEGO___6 23613	39.19 -0.67 0.00	41.87 -0.79 0.00	42.77 -0.79 0.00	50.56 -0.94 0.00	44.27 -0.81 0.00	40.18 -0.73 0.00	48.65 -0.84 0.00	48.33 -0.73 0.00	62.61 -1.05 0.00	58.90 -1.09 0.00	47.42 -0.89 0.00	54.19 -1.02 0.00	49.85 -0.97 0.00	48.04 -1.00 0.00	45.15 -0.98 0.00	49.33 -1.06 0.00	48.83 -1.03 0.00	53.83 -1.15 0.00	55.02 -1.11 0.00	63.85 -1.24 0.00	64.83 -1.20 0.00	47.78 -0.91 0.00	41.04 -0.80 0.00	40.72 -0.77 0.00
OUTOKUMPU-AB___DRP 24206	38.44 -1.42 0.00	40.95 -1.72 0.00	41.83 -1.74 0.00	49.43 -2.08 0.00	43.18 -1.91 0.00	38.60 -2.30 0.00	46.18 -3.32 0.00	45.94 -3.13 0.00	59.74 -3.92 0.00	56.02 -3.82 0.15	44.75 -3.56 0.00	51.10 -4.12 0.00	46.99 -3.83 0.00	44.96 -4.07 0.00	41.95 -4.15 0.03	46.00 -4.39 0.00	44.82 -4.05 0.99	47.72 -5.31 1.96	50.84 -5.28 0.00	51.64 -6.20 7.25	48.57 -5.87 11.59	34.97 -4.03 9.69	30.85 -2.95 8.03	32.59 -2.12 6.77
OXBOW___BTM 323836	38.01 -1.85 0.00	40.52 -2.15 0.00	41.39 -2.18 0.00	48.90 -2.60 0.00	42.70 -2.38 0.00	38.15 -2.75 0.00	45.50 -3.99 0.00	45.24 -3.82 0.00	58.87 -4.79 0.00	55.21 -4.62 0.16	44.09 -4.22 0.00	50.35 -4.86 0.00	46.33 -4.49 0.00	44.31 -4.72 0.00	41.35 -4.75 0.03	45.36 -5.03 0.00	44.15 -4.69 1.01	46.90 -6.07 2.02	49.99 -6.13 0.00	50.54 -7.10 7.46	47.37 -6.73 11.93	34.10 -4.62 9.97	30.12 -3.44 8.27	31.98 -2.54 6.97
OXBOW____ 24026	38.01 -1.85 0.00	40.52 -2.15 0.00	41.37 -2.20 0.00	48.89 -2.62 0.00	42.69 -2.40 0.00	38.14 -2.76 0.00	45.50 -4.00 0.00	45.25 -3.81 0.00	58.87 -4.78 0.00	55.22 -4.61 0.16	44.08 -4.23 0.00	50.34 -4.87 0.00	46.29 -4.52 0.00	44.32 -4.72 0.00	41.31 -4.78 0.03	45.33 -5.07 0.00	44.16 -4.69 1.01	46.89 -6.08 2.02	50.01 -6.11 0.00	50.49 -7.15 7.46	47.29 -6.82 11.93	34.02 -4.70 9.97	30.06 -3.51 8.27	31.90 -2.62 6.97
OXY_CHEM_DSASP 323612	37.70 -2.16 0.00	40.19 -2.47 0.00	41.04 -2.53 0.00	48.49 -3.02 0.00	42.33 -2.76 0.00	37.77 -3.13 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.09 -5.57 0.00	54.50 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.70 -5.11 0.00	43.76 -5.28 0.00	40.78 -5.32 0.03	44.75 -5.64 0.00	43.57 -5.25 1.04	46.11 -6.80 2.08	49.26 -6.87 0.00	49.40 -8.02 7.67	46.08 -7.68 12.27	33.12 -5.31 10.25	29.35 -3.98 8.50	31.29 -3.03 7.17
OZONE_PARK_ESR 323760	41.22 1.36 0.00	43.87 1.21 0.00	44.75 1.18 0.00	52.95 1.44 0.00	46.26 1.17 0.00	42.07 1.17 0.00	51.27 1.78 0.00	51.48 2.42 0.00	66.83 3.17 0.00	63.71 3.72 0.00	51.62 3.31 0.00	58.97 3.76 0.00	54.32 3.50 0.00	52.66 3.62 0.00	49.57 3.45 0.00	54.06 3.67 0.00	53.37 3.52 0.00	58.96 3.97 0.00	60.03 3.90 0.00	69.62 4.52 0.00	70.41 4.37 0.00	51.58 2.89 0.00	44.27 2.44 0.00	43.65 2.16 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	37.70 -2.16 0.00	40.19 -2.47 0.00	41.04 -2.53 0.00	48.49 -3.02 0.00	42.33 -2.76 0.00	37.77 -3.13 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.09 -5.57 0.00	54.50 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.70 -5.11 0.00	43.76 -5.28 0.00	40.78 -5.32 0.03	44.75 -5.64 0.00	43.57 -5.25 1.04	46.11 -6.80 2.08	49.26 -6.87 0.00	49.40 -8.02 7.67	46.08 -7.68 12.27	33.12 -5.31 10.25	29.35 -3.98 8.50	31.29 -3.03 7.17
PACKARD___115KV_DUPONT_184 80571	37.70 -2.16 0.00	40.19 -2.47 0.00	41.04 -2.53 0.00	48.49 -3.02 0.00	42.33 -2.76 0.00	37.77 -3.13 0.00	44.91 -4.58 0.00	44.63 -4.43 0.00	58.09 -5.57 0.00	54.50 -5.33 0.16	43.52 -4.79 0.00	49.69 -5.52 0.00	45.70 -5.11 0.00	43.76 -5.28 0.00	40.78 -5.32 0.03	44.75 -5.64 0.00	43.57 -5.25 1.04	46.11 -6.80 2.08	49.26 -6.87 0.00	49.40 -8.02 7.67	46.08 -7.68 12.27	33.12 -5.31 10.25	29.35 -3.98 8.50	31.29 -3.03 7.17
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	40.81 0.95 0.00	43.41 0.75 0.00	44.15 0.58 0.00	50.21 0.74 2.03	45.66 0.58 0.00	41.52 0.62 0.00	50.13 1.06 0.42	50.89 1.82 -0.01	66.22 2.56 -0.01	63.61 3.06 -0.56	51.42 2.78 -0.33	58.38 3.18 0.01	53.83 2.99 -0.03	52.14 3.04 -0.06	49.42 2.92 -0.38	53.52 3.08 -0.05	52.78 2.92 0.00	58.31 3.32 0.00	59.42 3.24 -0.06	68.83 3.73 0.00	69.62 3.58 0.00	51.03 2.34 0.00	43.77 1.94 0.00	43.19 1.69 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	40.81 0.95 0.00	43.41 0.75 0.00	44.16 0.59 0.00	50.21 0.74 2.03	45.75 0.66 0.00	41.66 0.76 0.00	50.38 1.30 0.42	50.92 1.85 -0.01	66.22 2.56 -0.01	63.61 3.06 -0.56	51.42 2.79 -0.33	58.39 3.19 0.01	53.84 3.00 -0.03	52.14 3.04 -0.06	49.43 2.93 -0.38	53.52 3.08 -0.05	52.78 2.92 0.00	58.31 3.32 0.00	59.44 3.25 -0.06	68.83 3.73 0.00	69.62 3.59 0.00	51.03 2.34 0.00	43.77 1.94 0.00	43.19 1.69 -0.01
PATROON___115KV_TB1 80586	39.57 -0.29 0.00	42.32 -0.35 0.00	43.16 -0.41 0.00	51.03 -0.48 0.00	44.69 -0.40 0.00	40.69 -0.21 0.00	49.19 -0.30 0.00	48.96 -0.10 0.00	63.68 0.03 0.00	60.29 0.30 0.00	48.71 0.40 0.00	55.67 0.46 0.00	51.26 0.44 0.00	49.55 0.51 0.00	46.69 0.57 0.00	51.08 0.68 0.00	50.58 0.73 0.00	55.92 0.94 0.00	56.96 0.83 0.00	65.86 0.77 0.00	66.66 0.62 0.00	49.21 0.52 0.00	42.21 0.38 0.00	41.77 0.28 0.00
PATTRSNVILLE___SOLAR 323815	40.76 0.90 0.00	43.58 0.91 0.00	44.48 0.91 0.00	52.61 1.10 0.00	46.06 0.98 0.00	41.84 0.94 0.00	50.74 1.24 0.00	50.48 1.42 0.00	65.29 1.63 0.00	61.32 1.33 0.00	49.51 1.20 0.00	56.54 1.33 0.00	52.11 1.30 0.00	50.23 1.20 0.00	47.34 1.21 0.00	51.92 1.53 0.00	51.39 1.53 0.00	56.80 1.82 0.00	58.04 1.91 0.00	67.35 2.26 0.00	68.24 2.20 0.00	50.27 1.58 0.00	43.12 1.29 0.00	42.70 1.21 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	38.98 -0.88 0.00	41.48 -1.18 0.00	42.43 -1.14 0.00	50.15 -1.35 0.00	43.80 -1.29 0.00	39.23 -1.67 0.00	47.21 -2.29 0.00	46.97 -2.09 0.00	61.10 -2.56 0.00	57.30 -2.57 0.11	45.92 -2.39 0.00	52.45 -2.76 0.00	48.23 -2.59 0.00	46.22 -2.82 0.00	43.33 -2.77 0.02	47.43 -2.96 0.00	46.37 -2.74 0.74	49.88 -3.62 1.48	52.62 -3.50 0.00	55.50 -4.12 5.47	53.46 -3.82 8.76	38.74 -2.63 7.32	33.91 -1.85 6.07	35.20 -1.17 5.12
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	40.91 1.05 0.00	43.60 0.94 0.00	44.46 0.89 0.00	52.58 1.07 0.00	45.99 0.89 0.00	41.81 0.91 0.00	50.91 1.41 0.00	51.03 1.97 0.00	66.35 2.70 0.00	63.03 3.04 0.00	51.11 2.81 0.00	58.37 3.16 0.00	53.76 2.94 0.00	52.07 3.04 0.00	49.04 2.92 0.00	53.50 3.11 0.00	52.83 2.98 0.00	58.42 3.44 0.00	59.54 3.41 0.00	69.01 3.92 0.00	69.75 3.72 0.00	51.22 2.53 0.00	43.91 2.08 0.00	43.30 1.81 0.00
PEEKSKILL____ 23653	40.45 0.59 0.00	43.12 0.45 0.00	43.99 0.42 0.00	52.05 0.54 0.00	45.50 0.41 0.00	41.31 0.41 0.00	50.25 0.76 0.00	50.35 1.29 0.00	65.44 1.78 0.00	62.18 2.20 0.00	50.42 2.12 0.00	57.60 2.39 0.00	53.07 2.25 0.00	51.40 2.36 0.00	48.42 2.30 0.00	52.79 2.40 0.00	52.09 2.24 0.00	57.60 2.61 0.00	58.67 2.54 0.00	68.01 2.92 0.00	68.74 2.70 0.00	50.47 1.78 0.00	43.32 1.49 0.00	42.76 1.27 0.00

PGE MADISON___WINDPWR 24146	42.61 2.75 0.00	45.45 2.78 0.00	46.61 3.04 0.00	55.30 3.80 0.00	48.64 3.55 0.00	44.25 3.35 0.00	54.05 4.56 0.00	53.86 4.80 0.00	69.36 5.70 0.00	64.80 4.78 -0.03	51.97 3.66 0.00	59.33 4.12 0.00	54.41 3.59 0.00	52.05 3.02 0.00	49.14 3.01 -0.01	53.86 3.47 0.00	53.53 3.45 -0.22	59.46 4.03 -0.45	60.70 4.57 0.00	71.91 5.16 -1.65	73.60 4.96 -2.61	54.50 3.63 -2.18	46.36 2.73 -1.81	45.71 2.70 -1.52
PIERCEFIELD___HYD 23852	40.04 0.18 0.00	43.18 0.52 0.00	44.09 0.52 0.00	52.10 0.60 0.00	45.62 0.54 0.00	41.38 0.48 0.00	50.08 0.58 0.00	49.13 0.07 0.00	63.38 -0.28 0.00	59.10 -0.89 0.00	47.14 -1.17 0.00	54.17 -1.05 0.00	49.93 -0.89 0.00	47.90 -1.14 0.00	44.88 -1.24 0.00	49.05 -1.34 0.00	48.57 -1.28 0.00	53.59 -1.40 0.00	54.75 -1.38 0.00	64.07 -1.02 0.00	65.27 -0.76 0.00	48.12 -0.57 0.00	41.49 -0.34 0.00	41.26 -0.22 0.00
PINELAWN_CC_1 323563	41.19 1.33 0.00	43.82 1.16 0.00	44.49 0.92 0.00	52.45 0.94 0.00	45.81 0.72 0.00	41.31 0.41 0.00	49.84 0.34 0.00	49.95 0.89 0.00	65.45 1.80 0.00	61.75 2.32 0.55	59.64 2.41 -8.92	61.45 2.62 -3.63	59.37 2.56 -5.98	60.02 2.74 -8.25	59.74 2.65 -10.97	58.33 2.73 -5.20	58.58 2.39 -6.34	69.67 2.72 -11.97	66.65 2.64 -7.88	74.63 2.75 -6.79	75.60 2.92 -6.64	62.30 2.09 -11.52	58.09 2.09 -14.17	53.69 2.07 -10.13
PJM_GEN_HTP_PROXY 323702	40.83 0.97 0.00	43.48 0.82 0.00	44.28 0.71 0.00	52.39 0.89 0.00	45.79 0.70 0.00	41.61 0.71 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.46 0.00	63.05 3.07 0.00	51.07 2.76 0.00	58.32 3.12 0.00	53.73 2.91 0.00	52.10 3.07 0.00	49.05 2.93 0.00	53.48 3.09 0.00	52.78 2.92 0.00	58.31 3.32 0.00	59.36 3.23 0.00	68.87 3.77 0.00	69.63 3.60 0.00	51.00 2.31 0.00	43.82 1.99 0.00	43.22 1.73 0.00
PJM_GEN_KEystone 24065	39.70 -0.15 0.00	42.28 -0.39 0.00	43.27 -0.30 0.00	51.21 -0.30 0.00	44.70 -0.39 0.00	40.29 -0.61 0.00	48.77 -0.72 0.00	48.71 -0.35 0.00	63.28 -0.38 0.00	59.82 -0.17 0.00	48.40 0.09 0.00	55.39 0.18 0.00	51.01 0.19 0.00	49.20 0.17 0.00	46.24 0.11 0.00	50.36 -0.03 0.00	49.72 -0.14 0.00	54.69 -0.30 0.00	55.75 -0.37 0.00	64.66 -0.43 0.00	65.56 -0.47 0.00	48.26 -0.43 0.00	41.61 -0.22 0.00	41.41 -0.08 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.19 1.04 3.71	41.82 0.90 1.74	44.09 0.65 0.13	52.14 0.65 0.01	45.58 0.50 0.01	38.88 0.48 2.50	49.76 0.56 0.30	49.48 1.14 0.71	61.86 2.04 3.84	54.03 2.55 8.51	49.91 2.48 0.89	55.16 2.73 2.78	52.94 2.63 0.51	52.16 2.77 -0.36	48.41 2.68 0.39	52.59 2.81 0.61	51.86 2.52 0.51	58.36 2.88 -0.50	59.57 2.86 -0.58	67.88 3.15 0.36	69.29 3.17 -0.08	51.94 2.12 -1.14	45.02 1.74 -1.45	43.48 1.74 -0.25
PJM_GEN_VFT_PROXY 323633	40.65 0.79 0.00	43.30 0.63 0.00	44.11 0.54 0.00	52.19 0.69 0.00	45.62 0.53 0.00	41.45 0.55 0.00	50.47 0.98 0.00	50.70 1.64 0.00	65.91 2.25 0.00	62.83 2.84 0.00	50.92 2.61 0.00	58.16 2.95 0.00	53.56 2.74 0.00	51.89 2.85 0.00	48.87 2.75 0.00	53.29 2.90 0.00	52.58 2.73 0.00	58.13 3.14 0.00	59.16 3.03 0.00	68.62 3.53 0.00	69.37 3.34 0.00	50.81 2.12 0.00	43.64 1.81 0.00	43.03 1.54 0.00
PLATSBURG_115KV_PMLD1 355749	41.57 1.71 0.00	44.62 1.96 0.00	45.42 1.85 0.00	53.52 2.01 0.00	46.87 1.78 0.00	42.37 1.47 0.00	51.15 1.66 0.00	50.45 1.39 0.00	65.50 1.84 0.00	60.95 0.96 0.00	48.87 0.56 0.00	55.90 0.69 0.00	51.57 0.75 0.00	49.85 0.81 0.00	46.84 0.72 0.00	51.16 0.77 0.00	50.62 0.77 0.00	55.60 0.62 0.00	56.29 0.16 0.00	65.52 0.43 0.00	66.65 0.62 0.00	49.58 0.89 0.00	42.84 1.01 0.00	42.79 1.30 0.00
PLEASANTVLY___LBMP 24000	40.38 0.52 0.00	43.06 0.39 0.00	43.89 0.32 0.00	51.91 0.40 0.00	45.39 0.30 0.00	41.24 0.34 0.00	50.10 0.60 0.00	50.16 1.10 0.00	65.20 1.55 0.00	61.94 1.95 0.00	50.20 1.89 0.00	57.32 2.11 0.00	52.80 1.98 0.00	51.14 2.10 0.00	48.18 2.06 0.00	52.56 2.17 0.00	51.92 2.07 0.00	57.41 2.42 0.00	58.48 2.36 0.00	67.74 2.65 0.00	68.51 2.48 0.00	50.36 1.67 0.00	43.22 1.38 0.00	42.67 1.18 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.67 0.81 0.00	43.35 0.69 0.00	44.20 0.63 0.00	52.26 0.76 0.00	45.70 0.61 0.00	41.53 0.63 0.00	50.52 1.02 0.00	50.64 1.58 0.00	65.82 2.16 0.00	62.60 2.61 0.00	50.76 2.45 0.00	57.97 2.76 0.00	53.39 2.57 0.00	51.72 2.69 0.00	48.73 2.61 0.00	53.13 2.74 0.00	52.45 2.59 0.00	57.98 3.00 0.00	59.06 2.93 0.00	68.44 3.34 0.00	69.18 3.15 0.00	50.82 2.13 0.00	43.60 1.77 0.00	43.02 1.53 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.67 0.81 0.00	43.35 0.69 0.00	44.20 0.63 0.00	52.26 0.76 0.00	45.70 0.61 0.00	41.53 0.63 0.00	50.52 1.02 0.00	50.64 1.58 0.00	65.82 2.16 0.00	62.60 2.61 0.00	50.76 2.45 0.00	57.97 2.76 0.00	53.39 2.57 0.00	51.72 2.69 0.00	48.73 2.61 0.00	53.13 2.74 0.00	52.45 2.59 0.00	57.98 3.00 0.00	59.06 2.93 0.00	68.44 3.34 0.00	69.18 3.15 0.00	50.82 2.13 0.00	43.60 1.77 0.00	43.02 1.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.75 0.89 0.00	43.44 0.77 0.00	44.30 0.73 0.00	52.37 0.87 0.00	45.80 0.71 0.00	41.64 0.74 0.00	50.66 1.16 0.00	50.76 1.70 0.00	65.99 2.33 0.00	62.65 2.67 0.00	50.78 2.47 0.00	58.00 2.79 0.00	53.40 2.58 0.00	51.71 2.67 0.00	48.72 2.59 0.00	53.15 2.76 0.00	52.51 2.66 0.00	58.08 3.09 0.00	59.22 3.10 0.00	68.61 3.51 0.00	69.35 3.32 0.00	50.98 2.29 0.00	43.69 1.86 0.00	43.10 1.61 0.00
POLETTI___ 23519	40.81 0.95 0.00	43.46 0.79 0.00	44.26 0.69 0.00	52.36 0.86 0.00	45.76 0.67 0.00	41.59 0.69 0.00	50.64 1.14 0.00	50.89 1.83 0.00	66.11 2.46 0.00	63.04 3.05 0.00	51.09 2.78 0.00	58.34 3.13 0.00	53.76 2.94 0.00	52.09 3.05 0.00	49.06 2.93 0.00	53.49 3.10 0.00	52.80 2.95 0.00	58.32 3.34 0.00	59.38 3.25 0.00	68.86 3.77 0.00	69.64 3.60 0.00	51.02 2.33 0.00	43.82 1.98 0.00	43.20 1.71 0.00
POMONA___ESR 323819	40.47 0.61 0.00	43.13 0.47 0.00	44.03 0.46 0.00	52.10 0.59 0.00	45.54 0.46 0.00	41.34 0.44 0.00	50.30 0.80 0.00	50.38 1.32 0.00	65.50 1.84 0.00	62.21 2.22 0.00	50.47 2.16 0.00	57.66 2.45 0.00	53.12 2.30 0.00	51.44 2.40 0.00	48.46 2.34 0.00	52.82 2.44 0.00	52.12 2.26 0.00	57.64 2.65 0.00	58.72 2.59 0.00	68.05 2.96 0.00	68.76 2.73 0.00	50.51 1.82 0.00	43.34 1.51 0.00	42.77 1.28 0.00
PORT_JEFF_3 23555	38.60 0.99 2.25	42.39 0.77 1.06	44.02 0.52 0.07	51.97 0.47 0.00	45.36 0.27 0.00	39.55 0.17 1.51	49.35 0.04 0.18	49.28 0.67 0.44	62.77 1.52 2.40	56.56 1.96 5.39	53.38 2.23 -2.84	57.18 2.35 0.38	55.15 2.39 -1.94	55.01 2.67 -3.31	52.70 2.66 -3.92	54.69 2.74 -1.57	54.28 2.39 -2.04	62.40 2.64 -4.77	61.98 2.56 -3.31	70.39 2.95 -2.35	71.42 2.84 -2.55	55.70 2.01 -5.00	49.72 1.70 -6.18	47.24 1.72 -4.03

PORT_JEFF_4 23616	38.60 0.99 2.25	42.39 0.77 1.06	44.02 0.52 0.07	51.97 0.47 0.00	45.36 0.27 0.00	39.55 0.17 1.51	49.35 0.04 0.18	49.28 0.67 0.44	62.77 1.52 2.40	56.56 1.96 5.39	53.38 2.23 -2.84	57.18 2.35 0.38	55.15 2.39 -1.94	55.01 2.67 -3.31	52.70 2.66 -3.92	54.69 2.74 -1.57	54.28 2.39 -2.04	62.40 2.64 -4.77	61.98 2.56 -3.31	70.39 2.95 -2.35	71.42 2.84 -2.55	55.70 2.01 -5.00	49.72 1.70 -6.18	47.24 1.72 -4.03
PORT_JEFF_IC 23713	38.69 0.99 2.16	42.40 0.75 1.01	44.01 0.52 0.07	51.97 0.47 0.00	45.34 0.25 0.00	39.60 0.15 1.45	49.34 0.02 0.17	49.30 0.67 0.42	62.87 1.52 2.31	56.73 1.96 5.21	53.58 2.22 -3.05	57.32 2.36 0.24	55.31 2.41 -2.09	55.17 2.66 -3.49	52.98 2.68 -4.18	54.84 2.76 -1.70	54.45 2.41 -2.19	62.67 2.66 -5.03	62.11 2.52 -3.47	70.56 2.96 -2.51	71.52 2.79 -2.69	55.96 2.04 -5.24	50.04 1.74 -6.47	47.46 1.72 -4.25
PPL PILGRIM_ST_GT1 24216	39.42 1.31 1.75	42.96 1.12 0.82	44.39 0.88 0.06	52.41 0.91 0.00	45.74 0.66 0.00	40.27 0.55 1.18	49.89 0.54 0.14	49.86 1.15 0.35	63.93 2.17 1.90	58.26 2.66 4.38	55.14 2.77 -4.07	58.60 2.96 -0.43	56.51 2.94 -2.76	56.49 3.15 -4.30	54.54 3.07 -5.34	55.84 3.16 -2.30	55.58 2.82 -2.90	64.33 3.13 -6.21	63.39 3.04 -4.22	71.58 3.25 -3.24	72.78 3.38 -3.37	57.37 2.37 -6.31	51.67 2.05 -7.79	48.86 2.07 -5.30
PPL PILGRIM_ST_GT2 24217	39.42 1.31 1.75	42.96 1.12 0.82	44.39 0.88 0.06	52.41 0.91 0.00	45.74 0.66 0.00	40.27 0.55 1.18	49.89 0.54 0.14	49.86 1.15 0.35	63.93 2.17 1.90	58.26 2.66 4.38	55.14 2.77 -4.07	58.60 2.96 -0.43	56.51 2.94 -2.76	56.49 3.15 -4.30	54.54 3.07 -5.34	55.84 3.16 -2.30	55.58 2.82 -2.90	64.33 3.13 -6.21	63.39 3.04 -4.22	71.58 3.25 -3.24	72.78 3.38 -3.37	57.37 2.37 -6.31	51.67 2.05 -7.79	48.86 2.07 -5.30
PPL_SHRM_GT3 24213	37.98 0.35 2.22	41.71 0.09 1.04	43.33 -0.17 0.07	51.16 -0.34 0.00	44.61 -0.48 0.00	38.86 -0.55 1.49	48.41 -0.90 0.18	48.41 -0.21 0.44	61.62 0.33 2.37	55.25 0.60 5.33	52.40 1.19 -2.91	56.00 1.13 0.34	54.04 1.23 -1.99	54.03 1.63 -3.37	52.00 1.87 -4.00	53.90 1.90 -1.61	53.45 1.51 -2.09	61.64 1.81 -4.85	61.25 1.77 -3.36	69.52 2.03 -2.40	70.57 1.95 -2.59	55.10 1.33 -5.08	49.19 1.08 -6.27	46.69 1.10 -4.10
PPL_SHRM_GT4 24214	37.98 0.35 2.22	41.71 0.09 1.04	43.33 -0.17 0.07	51.16 -0.34 0.00	44.61 -0.48 0.00	38.86 -0.55 1.49	48.41 -0.90 0.18	48.41 -0.21 0.44	61.62 0.33 2.37	55.25 0.60 5.33	52.40 1.19 -2.91	56.00 1.13 0.34	54.04 1.23 -1.99	54.03 1.63 -3.37	52.00 1.87 -4.00	53.90 1.90 -1.61	53.45 1.51 -2.09	61.64 1.81 -4.85	61.25 1.77 -3.36	69.52 2.03 -2.40	70.57 1.95 -2.59	55.10 1.33 -5.08	49.19 1.08 -6.27	46.69 1.10 -4.10
PROJECT___ORANGE 1 24174	39.63 -0.22 0.00	42.29 -0.38 0.00	43.22 -0.35 0.00	51.09 -0.42 0.00	44.74 -0.35 0.00	40.61 -0.29 0.00	49.22 -0.27 0.00	48.95 -0.11 0.00	63.42 -0.23 0.00	59.62 -0.37 0.00	47.98 -0.33 0.00	54.87 -0.35 0.00	50.44 -0.38 0.00	48.62 -0.42 0.00	45.68 -0.44 0.00	49.91 -0.48 0.00	49.39 -0.46 0.00	54.43 -0.55 0.00	55.62 -0.51 0.00	64.57 -0.52 0.00	65.66 -0.37 0.00	48.37 -0.31 0.00	41.55 -0.28 0.00	41.20 -0.29 0.00
PROJECT___ORANGE 2 24166	39.63 -0.22 0.00	42.29 -0.38 0.00	43.22 -0.35 0.00	51.09 -0.42 0.00	44.74 -0.35 0.00	40.61 -0.29 0.00	49.22 -0.27 0.00	48.95 -0.11 0.00	63.42 -0.23 0.00	59.62 -0.37 0.00	47.98 -0.33 0.00	54.87 -0.35 0.00	50.44 -0.38 0.00	48.62 -0.42 0.00	45.68 -0.44 0.00	49.91 -0.48 0.00	49.39 -0.46 0.00	54.43 -0.55 0.00	55.62 -0.51 0.00	64.57 -0.52 0.00	65.66 -0.37 0.00	48.37 -0.31 0.00	41.55 -0.28 0.00	41.20 -0.29 0.00
PUCKETT___SOLAR 323809	40.66 0.80 0.00	43.30 0.64 0.00	44.33 0.76 0.00	52.48 0.97 0.00	45.99 0.90 0.00	41.64 0.74 0.00	50.53 1.03 0.00	50.31 1.25 0.00	65.10 1.44 0.00	61.11 1.13 0.00	49.22 0.91 0.00	56.35 1.14 0.00	51.72 0.90 0.00	49.78 0.75 0.00	46.90 0.77 0.00	51.23 0.84 0.00	50.62 0.77 0.00	55.88 0.89 0.00	57.28 1.15 0.00	66.29 1.20 0.00	67.18 1.14 0.00	49.51 0.82 0.00	42.50 0.67 0.00	42.19 0.70 0.00
PYRITES___HYD 24023	41.07 1.21 0.00	44.30 1.63 0.00	45.23 1.66 0.00	53.46 1.95 0.00	46.83 1.74 0.00	42.50 1.59 0.00	51.49 1.99 0.00	50.43 1.37 0.00	64.55 0.89 0.00	60.00 0.01 0.00	47.76 -0.55 0.00	54.86 -0.35 0.00	50.58 -0.24 0.00	48.53 -0.50 0.00	45.53 -0.59 0.00	49.74 -0.65 0.00	49.40 -0.45 0.00	54.67 -0.31 0.00	55.88 -0.25 0.00	65.71 0.62 0.00	67.03 0.99 0.00	49.43 0.74 0.00	42.58 0.74 0.00	42.36 0.87 0.00
QUAKERRD_115KV_BK1 80622	38.46 -1.40 0.00	41.03 -1.64 0.00	41.90 -1.67 0.00	49.53 -1.98 0.00	43.37 -1.72 0.00	39.42 -1.48 0.00	47.63 -1.86 0.00	47.35 -1.72 0.00	61.29 -2.36 0.00	57.47 -2.52 0.00	46.01 -2.30 0.00	52.59 -2.62 0.00	48.35 -2.47 0.00	46.51 -2.53 0.00	43.53 -2.59 0.00	47.62 -2.77 0.00	47.27 -2.58 0.00	51.91 -3.08 0.00	53.14 -2.98 0.00	61.76 -3.33 0.00	62.85 -3.18 0.00	46.38 -2.31 0.00	39.96 -1.87 0.00	39.92 -1.57 0.00
QUENSBRY_115KV_TB8 356137	41.37 1.51 0.00	44.22 1.55 0.00	45.12 1.55 0.00	53.29 1.79 0.00	46.74 1.65 0.00	42.58 1.68 0.00	51.49 1.99 0.00	51.17 2.11 0.00	66.30 2.64 0.00	62.54 2.55 0.00	50.41 2.10 0.00	57.66 2.44 0.00	53.31 2.49 0.00	51.48 2.44 0.00	48.66 2.53 0.00	53.29 2.90 0.00	52.84 2.98 0.00	58.56 3.58 0.00	59.69 3.56 0.00	69.03 3.94 0.00	69.84 3.81 0.00	51.34 2.65 0.00	43.92 2.09 0.00	43.60 2.11 0.00
RAMAPO___LBMP 323565	40.29 0.43 0.00	42.96 0.29 0.00	43.87 0.30 0.00	51.92 0.41 0.00	45.39 0.30 0.00	41.18 0.29 0.00	50.10 0.60 0.00	50.17 1.11 0.00	65.21 1.55 0.00	61.90 1.92 0.00	50.21 1.90 0.00	57.38 2.17 0.00	52.87 2.05 0.00	51.16 2.12 0.00	48.21 2.08 0.00	52.54 2.15 0.00	51.84 1.99 0.00	57.34 2.35 0.00	58.40 2.28 0.00	67.70 2.61 0.00	68.42 2.39 0.00	50.26 1.57 0.00	43.13 1.29 0.00	42.58 1.09 0.00
RANKINE____ 23646	38.85 -1.01 0.00	41.38 -1.29 0.00	42.29 -1.28 0.00	49.97 -1.54 0.00	43.66 -1.42 0.00	39.06 -1.85 0.00	46.90 -2.59 0.00	46.67 -2.39 0.00	60.73 -2.93 0.00	56.96 -2.90 0.13	45.59 -2.72 0.00	52.06 -3.15 0.00	47.85 -2.97 0.00	45.80 -3.24 0.00	42.83 -3.27 0.02	46.92 -3.47 0.00	45.87 -3.16 0.83	49.10 -4.24 1.65	51.81 -4.31 0.00	53.91 -5.09 6.08	51.53 -4.77 9.73	37.29 -3.27 8.13	32.73 -2.36 6.74	34.19 -1.62 5.69
RAVENSWOOD_GT2_1 24244	40.86 1.00 0.00	43.52 0.86 0.00	44.33 0.76 0.00	52.44 0.94 0.00	45.84 0.75 0.00	41.66 0.76 0.00	50.71 1.21 0.00	50.94 1.88 0.00	66.20 2.54 0.00	63.08 3.09 0.00	51.12 2.81 0.00	58.39 3.18 0.00	53.79 2.97 0.00	52.13 3.10 0.00	49.10 2.98 0.00	53.54 3.15 0.00	52.84 2.98 0.00	58.36 3.38 0.00	59.43 3.31 0.00	68.91 3.82 0.00	69.69 3.65 0.00	51.09 2.40 0.00	43.85 2.02 0.00	43.25 1.76 0.00

RAVENSWOOD_GT2_2 24245	40.86 1.00 0.00	43.52 0.86 0.00	44.33 0.76 0.00	52.44 0.94 0.00	45.84 0.75 0.00	41.66 0.76 0.00	50.71 1.21 0.00	50.94 1.88 0.00	66.20 2.54 0.00	63.08 3.09 0.00	51.12 2.81 0.00	58.39 3.18 0.00	53.79 2.97 0.00	52.13 3.10 0.00	49.10 2.98 0.00	53.54 3.15 0.00	52.84 2.98 0.00	58.36 3.38 0.00	59.43 3.31 0.00	68.91 3.82 0.00	69.69 3.65 0.00	51.09 2.40 0.00	43.85 2.02 0.00	43.25 1.76 0.00
RAVENSWOOD_GT2_3 24246	40.87 1.01 0.00	43.53 0.86 0.00	44.35 0.78 0.00	52.46 0.95 0.00	45.85 0.76 0.00	41.68 0.77 0.00	50.73 1.23 0.00	50.96 1.90 0.00	66.24 2.58 0.00	63.11 3.13 0.00	51.15 2.85 0.00	58.41 3.20 0.00	53.82 3.01 0.00	52.17 3.13 0.00	49.12 3.00 0.00	53.56 3.17 0.00	52.86 3.01 0.00	58.41 3.42 0.00	59.46 3.34 0.00	68.96 3.87 0.00	69.71 3.67 0.00	51.09 2.40 0.00	43.88 2.05 0.00	43.27 1.78 0.00
RAVENSWOOD_GT2_4 24247	40.87 1.01 0.00	43.53 0.86 0.00	44.35 0.78 0.00	52.46 0.95 0.00	45.85 0.76 0.00	41.68 0.77 0.00	50.73 1.23 0.00	50.96 1.90 0.00	66.24 2.58 0.00	63.11 3.13 0.00	51.15 2.85 0.00	58.41 3.20 0.00	53.82 3.01 0.00	52.17 3.13 0.00	49.12 3.00 0.00	53.56 3.17 0.00	52.86 3.01 0.00	58.41 3.42 0.00	59.46 3.34 0.00	68.96 3.87 0.00	69.71 3.67 0.00	51.09 2.40 0.00	43.88 2.05 0.00	43.27 1.78 0.00
RAVENSWOOD_GT3_1 24248	40.86 1.00 0.00	43.52 0.86 0.00	44.33 0.76 0.00	52.44 0.94 0.00	45.84 0.75 0.00	41.66 0.76 0.00	50.71 1.21 0.00	50.94 1.88 0.00	66.20 2.54 0.00	63.08 3.09 0.00	51.12 2.81 0.00	58.39 3.18 0.00	53.79 2.98 0.00	52.13 3.10 0.00	49.10 2.98 0.00	53.54 3.15 0.00	52.84 2.99 0.00	58.37 3.38 0.00	59.44 3.31 0.00	68.91 3.82 0.00	69.69 3.65 0.00	51.09 2.40 0.00	43.85 2.02 0.00	43.25 1.76 0.00
RAVENSWOOD_GT3_2 24249	40.86 1.00 0.00	43.52 0.86 0.00	44.33 0.76 0.00	52.44 0.94 0.00	45.84 0.75 0.00	41.66 0.76 0.00	50.71 1.21 0.00	50.94 1.88 0.00	66.20 2.54 0.00	63.08 3.09 0.00	51.12 2.81 0.00	58.39 3.18 0.00	53.79 2.98 0.00	52.13 3.10 0.00	49.10 2.98 0.00	53.54 3.15 0.00	52.84 2.99 0.00	58.37 3.38 0.00	59.44 3.31 0.00	68.91 3.82 0.00	69.69 3.65 0.00	51.09 2.40 0.00	43.85 2.02 0.00	43.25 1.76 0.00
RAVENSWOOD_GT3_3 24250	40.91 1.05 0.00	43.57 0.91 0.00	44.38 0.81 0.00	52.51 1.00 0.00	45.89 0.81 0.00	41.72 0.82 0.00	50.78 1.29 0.00	51.02 1.96 0.00	66.31 2.65 0.00	63.18 3.19 0.00	51.20 2.89 0.00	58.48 3.27 0.00	53.88 3.06 0.00	52.22 3.18 0.00	49.17 3.05 0.00	53.62 3.23 0.00	52.92 3.07 0.00	58.47 3.48 0.00	59.52 3.40 0.00	69.03 3.94 0.00	69.78 3.75 0.00	51.14 2.45 0.00	43.93 2.09 0.00	43.31 1.82 0.00
RAVENSWOOD_GT3_4 24251	40.91 1.05 0.00	43.57 0.91 0.00	44.38 0.81 0.00	52.51 1.00 0.00	45.89 0.81 0.00	41.72 0.82 0.00	50.78 1.29 0.00	51.02 1.96 0.00	66.31 2.65 0.00	63.18 3.19 0.00	51.20 2.89 0.00	58.48 3.27 0.00	53.88 3.06 0.00	52.22 3.18 0.00	49.17 3.05 0.00	53.62 3.23 0.00	52.92 3.07 0.00	58.47 3.48 0.00	59.52 3.40 0.00	69.03 3.94 0.00	69.78 3.75 0.00	51.14 2.45 0.00	43.93 2.09 0.00	43.31 1.82 0.00
RAVENSWOOD_GT_1 23729	44.14 1.18 -3.10	46.17 1.01 -2.50	46.62 0.90 -2.15	53.08 1.10 -0.47	47.83 0.89 -1.84	44.66 0.91 -2.85	52.15 1.41 -1.24	52.66 2.15 -1.46	69.09 2.90 -2.53	78.59 3.43 -15.17	84.61 3.09 -33.21	92.34 3.49 -33.64	93.10 3.26 -39.02	79.26 3.38 -26.85	78.41 3.23 -29.05	77.86 3.43 -24.04	84.30 3.27 -31.18	71.06 3.70 -12.37	68.56 3.62 -8.82	75.34 4.16 -6.09	75.92 3.97 -5.92	61.32 2.64 -9.99	56.98 2.22 -12.93	46.30 1.95 -2.86
RAVENSWOOD_GT_10 24258	41.21 0.99 -0.36	43.81 0.85 -0.29	44.57 0.76 -0.25	52.50 0.94 -0.05	46.05 0.75 -0.21	41.98 0.76 -0.33	50.84 1.21 -0.13	51.06 1.88 -0.12	66.47 2.53 -0.29	62.61 3.08 0.45	49.47 2.81 1.65	56.44 3.17 1.94	51.35 2.96 2.43	51.16 3.09 0.96	48.09 2.97 1.00	52.85 3.14 0.68	51.45 2.97 1.38	58.83 3.37 -0.47	60.26 3.30 -0.84	69.61 3.82 -0.70	70.36 3.64 -0.68	52.18 2.38 -1.10	44.77 2.02 -0.92	43.57 1.75 -0.33
RAVENSWOOD_GT_11 24259	41.21 0.99 -0.36	43.81 0.85 -0.29	44.57 0.76 -0.25	52.50 0.94 -0.05	46.05 0.75 -0.21	41.98 0.76 -0.33	50.84 1.21 -0.13	51.06 1.88 -0.12	66.47 2.53 -0.29	62.61 3.08 0.45	49.47 2.81 1.65	56.44 3.17 1.94	51.35 2.96 2.43	51.16 3.09 0.96	48.09 2.97 1.00	52.85 3.14 0.68	51.45 2.97 1.38	58.83 3.37 -0.47	60.26 3.30 -0.84	69.61 3.82 -0.70	70.36 3.64 -0.68	52.18 2.38 -1.10	44.77 2.02 -0.92	43.57 1.75 -0.33
RAVENSWOOD_GT_4 24252	43.21 0.98 -2.36	45.41 0.84 -1.90	45.96 0.75 -1.64	52.81 0.94 -0.36	47.24 0.74 -1.40	43.82 0.75 -2.17	51.58 1.20 -0.88	51.70 1.83 -0.81	68.05 2.50 -1.90	60.02 3.05 3.01	40.23 2.78 10.86	45.53 3.13 12.81	37.69 2.94 16.06	45.77 3.06 6.33	42.47 2.94 6.59	49.02 3.11 4.49	43.70 2.95 9.10	61.47 3.36 -3.13	64.92 3.28 -5.52	73.52 3.80 -4.64	74.14 3.60 -4.50	58.34 2.35 -7.30	49.91 2.01 -6.06	45.40 1.74 -2.17
RAVENSWOOD_GT_5 24254	43.21 0.98 -2.36	45.41 0.84 -1.90	45.96 0.75 -1.64	52.81 0.94 -0.36	47.24 0.74 -1.40	43.82 0.75 -2.17	51.58 1.20 -0.88	51.70 1.83 -0.81	68.05 2.50 -1.90	60.02 3.05 3.01	40.23 2.78 10.86	45.53 3.13 12.81	37.69 2.94 16.06	45.77 3.06 6.33	42.47 2.94 6.59	49.02 3.11 4.49	43.70 2.95 9.10	61.47 3.36 -3.13	64.92 3.28 -5.52	73.52 3.80 -4.64	74.14 3.60 -4.50	58.34 2.35 -7.30	49.91 2.01 -6.06	45.40 1.74 -2.17
RAVENSWOOD_GT_6 24253	43.21 0.98 -2.36	45.41 0.84 -1.90	45.96 0.75 -1.64	52.81 0.94 -0.36	47.24 0.74 -1.40	43.82 0.75 -2.17	51.58 1.20 -0.88	51.70 1.83 -0.81	68.05 2.50 -1.90	60.02 3.05 3.01	40.23 2.78 10.86	45.53 3.13 12.81	37.69 2.94 16.06	45.77 3.06 6.33	42.47 2.94 6.59	49.02 3.11 4.49	43.70 2.95 9.10	61.47 3.36 -3.13	64.92 3.28 -5.52	73.52 3.80 -4.64	74.14 3.60 -4.50	58.34 2.35 -7.30	49.91 2.01 -6.06	45.40 1.74 -2.17
RAVENSWOOD_GT_7 24255	43.21 0.98 -2.36	45.41 0.84 -1.90	45.96 0.75 -1.64	52.81 0.94 -0.36	47.24 0.74 -1.40	43.82 0.75 -2.17	51.58 1.20 -0.88	51.70 1.83 -0.81	68.05 2.50 -1.90	60.02 3.05 3.01	40.23 2.78 10.86	45.53 3.13 12.81	37.69 2.94 16.06	45.77 3.06 6.33	42.47 2.94 6.59	49.02 3.11 4.49	43.70 2.95 9.10	61.47 3.36 -3.13	64.92 3.28 -5.52	73.52 3.80 -4.64	74.14 3.60 -4.50	58.34 2.35 -7.30	49.91 2.01 -6.06	45.40 1.74 -2.17
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.21 0.99 -0.36	43.81 0.85 -0.29	44.57 0.76 -0.25	52.50 0.94 -0.05	46.05 0.75 -0.21	41.98 0.76 -0.33	50.84 1.21 -0.13	51.06 1.88 -0.12	66.47 2.53 -0.29	62.61 3.08 0.45	49.47 2.81 1.65	56.44 3.17 1.94	51.35 2.96 2.43	51.16 3.09 0.96	48.09 2.97 1.00	52.85 3.14 0.68	51.45 2.97 1.38	58.83 3.37 -0.47	60.26 3.30 -0.84	69.61 3.82 -0.70	70.36 3.64 -0.68	52.18 2.38 -1.10	44.77 2.02 -0.92	43.57 1.75 -0.33

RAVENSWOOD_GT_9 24257	41.21 0.99 -0.36	43.81 0.85 -0.29	44.57 0.76 -0.25	52.50 0.94 -0.05	46.05 0.75 -0.21	41.98 0.76 -0.33	50.84 1.21 -0.13	51.06 1.88 -0.12	66.47 2.53 -0.29	62.61 3.08 0.45	49.47 2.81 1.65	56.44 3.17 1.94	51.35 2.96 2.43	51.16 3.09 0.96	48.09 2.97 1.00	52.85 3.14 0.68	51.45 2.97 1.38	58.83 3.37 -0.47	60.26 3.30 -0.84	69.61 3.82 -0.70	70.36 3.64 -0.68	52.18 2.38 -1.10	44.77 2.02 -0.92	43.57 1.75 -0.33
RAVENSWOOD___1 23533	37.88 1.08 3.05	41.12 0.92 2.46	42.25 0.80 2.12	52.03 0.99 0.47	44.07 0.80 1.81	38.91 0.82 2.81	49.67 1.31 1.14	50.08 2.07 1.05	63.98 2.78 2.45	67.20 3.32 -3.89	65.35 3.00 -14.04	75.17 3.39 -16.57	74.76 3.17 -20.77	60.50 3.29 -8.18	57.78 3.13 -8.52	59.51 3.31 -5.80	64.78 3.16 -11.77	54.53 3.58 4.04	52.50 3.51 7.13	63.14 4.05 6.00	64.04 3.84 5.83	41.78 2.54 9.44	36.12 2.13 7.84	40.55 1.86 2.80
RAVENSWOOD___2 23534	37.88 1.08 3.05	41.12 0.92 2.46	42.25 0.80 2.12	52.03 0.99 0.47	44.07 0.80 1.81	38.91 0.82 2.81	49.67 1.31 1.14	50.08 2.07 1.05	63.98 2.78 2.45	67.20 3.32 -3.89	65.35 3.00 -14.04	75.17 3.39 -16.57	74.76 3.17 -20.77	60.50 3.29 -8.18	57.78 3.13 -8.52	59.51 3.31 -5.80	64.78 3.16 -11.77	54.53 3.58 4.04	52.50 3.51 7.13	63.14 4.05 6.00	64.04 3.84 5.83	41.78 2.54 9.44	36.12 2.13 7.84	40.55 1.86 2.80
RAVENSWOOD___3 23535	40.86 1.00 0.00	43.52 0.86 0.00	44.33 0.76 0.00	52.44 0.93 0.00	45.84 0.75 0.00	41.66 0.76 0.00	50.71 1.21 0.00	50.94 1.88 0.00	66.19 2.54 0.00	63.08 3.10 0.00	51.12 2.81 0.00	58.39 3.17 0.00	53.79 2.97 0.00	52.14 3.11 0.00	49.10 2.98 0.00	53.54 3.15 0.00	52.84 2.99 0.00	58.38 3.39 0.00	59.45 3.32 0.00	68.91 3.82 0.00	69.67 3.64 0.00	51.07 2.38 0.00	43.85 2.02 0.00	43.25 1.76 0.00
RAVENSWOOD___4 23820	37.88 1.08 3.05	41.12 0.92 2.46	42.25 0.80 2.12	52.03 0.99 0.47	44.07 0.80 1.81	38.91 0.82 2.81	49.67 1.31 1.14	50.08 2.07 1.05	63.98 2.78 2.45	67.20 3.32 -3.89	65.35 3.00 -14.04	75.17 3.39 -16.57	74.76 3.17 -20.77	60.50 3.29 -8.18	57.78 3.13 -8.52	59.51 3.31 -5.80	64.78 3.16 -11.77	54.53 3.58 4.04	52.50 3.51 7.13	63.14 4.05 6.00	64.04 3.84 5.83	41.78 2.54 9.44	36.12 2.13 7.84	40.55 1.86 2.80
RCPL_TRUST___DRP 24196	40.83 0.97 0.00	43.49 0.82 0.00	44.28 0.71 0.00	52.40 0.89 0.00	45.79 0.70 0.00	41.61 0.72 0.00	50.65 1.15 0.00	50.89 1.83 0.00	66.12 2.47 0.00	63.05 3.07 0.00	51.07 2.76 0.00	58.33 3.12 0.00	53.73 2.91 0.00	52.09 3.05 0.00	49.04 2.92 0.00	53.48 3.09 0.00	52.78 2.92 0.00	58.31 3.32 0.00	59.36 3.24 0.00	68.87 3.78 0.00	69.65 3.61 0.00	51.01 2.32 0.00	43.82 1.99 0.00	43.22 1.73 0.00
RED___ROCHESTER 323720	39.38 -0.48 0.00	41.99 -0.68 0.00	42.87 -0.70 0.00	50.68 -0.83 0.00	44.36 -0.72 0.00	40.28 -0.62 0.00	48.67 -0.82 0.00	48.37 -0.69 0.00	62.62 -1.03 0.00	58.68 -1.31 0.00	46.91 -1.40 0.00	53.64 -1.58 0.00	49.32 -1.50 0.00	47.38 -1.66 0.00	44.32 -1.80 0.00	48.48 -1.90 0.00	48.14 -1.71 0.00	52.84 -2.14 0.00	54.15 -1.98 0.00	62.97 -2.12 0.00	64.18 -1.86 0.00	47.37 -1.32 0.00	40.86 -0.97 0.00	40.87 -0.62 0.00
REGAN___SOLAR 323812	41.94 2.09 0.00	44.85 2.18 0.00	45.79 2.22 0.00	54.18 2.68 0.00	47.48 2.39 0.00	43.20 2.30 0.00	52.60 3.10 0.00	52.34 3.28 0.00	67.17 3.51 0.00	62.54 2.55 0.00	50.42 2.11 0.00	57.74 2.53 0.00	53.12 2.30 0.00	51.04 2.01 0.00	48.08 1.96 0.00	53.14 2.75 0.00	52.62 2.77 0.00	58.23 3.25 0.00	59.78 3.65 0.00	69.52 4.43 0.00	70.49 4.46 0.00	51.81 3.12 0.00	44.38 2.55 0.00	43.92 2.43 0.00
RENSSELAER___COGEN 23796	39.36 -0.50 0.00	42.09 -0.57 0.00	42.94 -0.63 0.00	50.76 -0.75 0.00	44.46 -0.64 0.00	40.45 -0.44 0.00	48.89 -0.61 0.00	48.66 -0.41 0.00	63.29 -0.36 0.00	59.92 -0.07 0.00	48.42 0.11 0.00	55.32 0.11 0.00	50.92 0.10 0.00	49.23 0.20 0.00	46.40 0.28 0.00	50.74 0.34 0.00	50.25 0.39 0.00	55.56 0.57 0.00	56.58 0.46 0.00	65.44 0.35 0.00	66.23 0.20 0.00	48.92 0.22 0.00	41.95 0.12 0.00	41.53 0.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.67 2.81 0.00	45.74 3.07 0.00	46.69 3.12 0.00	55.05 3.54 0.00	48.35 3.26 0.00	44.24 3.34 0.00	53.20 3.70 0.00	52.71 3.65 0.00	68.05 4.39 0.00	64.22 4.24 0.00	51.65 3.34 0.00	59.19 3.97 0.00	54.99 4.17 0.00	53.18 4.14 0.00	50.42 4.30 0.00	55.34 4.94 0.00	54.93 5.08 0.00	61.04 6.06 0.00	62.06 5.93 0.00	71.50 6.41 0.00	72.39 6.35 0.00	53.01 4.32 0.00	45.31 3.48 0.00	45.24 3.75 0.00
REVERE_CPPR_DRP 24186	41.01 1.15 0.00	43.84 1.18 0.00	44.77 1.20 0.00	52.92 1.41 0.00	46.34 1.26 0.00	42.18 1.28 0.00	51.34 1.85 0.00	50.98 1.93 0.00	65.86 2.21 0.00	61.64 1.65 0.00	49.33 1.02 0.00	56.41 1.20 0.00	51.84 1.02 0.00	49.94 0.91 0.00	46.98 0.86 0.00	51.47 1.09 0.00	51.20 1.35 0.00	56.66 1.67 0.00	58.17 2.04 0.00	67.62 2.53 0.00	68.55 2.51 0.00	50.36 1.67 0.00	43.25 1.42 0.00	42.66 1.17 0.00
REYNOLDS_115KV_TB3 80639	39.57 -0.29 0.00	42.33 -0.33 0.00	43.17 -0.40 0.00	51.03 -0.48 0.00	44.68 -0.41 0.00	40.67 -0.23 0.00	49.12 -0.37 0.00	48.86 -0.20 0.00	63.57 -0.09 0.00	60.23 0.24 0.00	48.67 0.37 0.00	55.59 0.38 0.00	51.18 0.36 0.00	49.49 0.46 0.00	46.66 0.54 0.00	51.03 0.64 0.00	50.55 0.70 0.00	55.92 0.93 0.00	56.87 0.74 0.00	65.79 0.70 0.00	66.59 0.56 0.00	49.20 0.51 0.00	42.20 0.37 0.00	41.82 0.33 0.00
RIVERBAY____ 323610	40.81 0.95 0.00	43.41 0.75 0.00	44.16 0.59 0.00	50.21 0.74 2.03	45.75 0.66 0.00	41.66 0.76 0.00	50.38 1.30 0.42	50.92 1.85 -0.01	66.22 2.56 -0.01	63.61 3.06 -0.56	51.42 2.79 -0.33	58.39 3.19 0.01	53.84 3.00 -0.03	52.14 3.04 -0.06	49.43 2.93 -0.38	53.52 3.08 -0.05	52.78 2.92 0.00	58.31 3.32 0.00	59.44 3.25 -0.06	68.83 3.73 0.00	69.62 3.59 0.00	51.03 2.34 0.00	43.77 1.94 0.00	43.19 1.69 -0.01
RIVERSDE_115KV_TB3 55908	39.49 -0.37 0.00	42.23 -0.43 0.00	43.07 -0.50 0.00	50.92 -0.59 0.00	44.60 -0.49 0.00	40.59 -0.31 0.00	49.04 -0.46 0.00	48.80 -0.26 0.00	63.50 -0.16 0.00	60.13 0.14 0.00	48.58 0.27 0.00	55.51 0.30 0.00	51.11 0.30 0.00	49.42 0.38 0.00	46.58 0.46 0.00	50.93 0.54 0.00	50.47 0.61 0.00	55.79 0.80 0.00	56.77 0.64 0.00	65.68 0.60 0.00	66.48 0.45 0.00	49.11 0.42 0.00	42.12 0.28 0.00	41.71 0.22 0.00
ROARING___BROOK_WT_PWR 323790	39.95 0.10 0.00	42.95 0.29 0.00	43.87 0.30 0.00	51.85 0.35 0.00	45.40 0.31 0.00	41.14 0.24 0.00	49.72 0.23 0.00	49.16 0.10 0.00	63.80 0.14 0.00	60.01 0.02 0.00	48.18 -0.13 0.00	55.10 -0.12 0.00	50.72 -0.10 0.00	48.88 -0.15 0.00	45.98 -0.14 0.00	50.19 -0.21 0.00	49.65 -0.21 0.00	54.63 -0.35 0.00	55.69 -0.44 0.00	64.71 -0.38 0.00	65.69 -0.34 0.00	48.28 -0.41 0.00	41.51 -0.32 0.00	41.10 -0.39 0.00

ROCHESRG_115KV_T4 355643	38.98 -0.88 0.00	41.57 -1.09 0.00	42.46 -1.11 0.00	50.20 -1.31 0.00	43.93 -1.16 0.00	39.87 -1.03 0.00	48.12 -1.38 0.00	47.83 -1.23 0.00	61.96 -1.70 0.00	58.08 -1.88 0.03	46.48 -1.83 0.00	53.13 -2.08 0.00	48.86 -1.96 0.00	46.95 -2.08 0.00	43.90 -2.22 0.00	48.03 -2.35 0.00	47.51 -2.15 0.19	51.89 -2.71 0.39	53.51 -2.62 0.00	60.73 -2.93 1.43	61.04 -2.69 2.30	44.85 -1.91 1.92	38.78 -1.46 1.59	39.08 -1.07 1.34
ROCHESTER_9_IC 23652	39.18 -0.68 0.00	41.78 -0.89 0.00	42.66 -0.91 0.00	50.43 -1.07 0.00	44.15 -0.94 0.00	40.08 -0.83 0.00	48.41 -1.09 0.00	48.12 -0.95 0.00	62.31 -1.35 0.00	58.40 -1.58 0.00	46.70 -1.61 0.00	53.40 -1.82 0.00	49.09 -1.74 0.00	47.17 -1.86 0.00	44.11 -2.01 0.00	48.24 -2.15 0.00	47.91 -1.94 0.00	52.55 -2.43 0.00	53.83 -2.30 0.00	62.55 -2.54 0.00	63.74 -2.29 0.00	47.06 -1.63 0.00	40.61 -1.22 0.00	40.63 -0.86 0.00
ROCKVIEW_13_KV_LD 356306	40.89 1.03 0.00	43.57 0.91 0.00	44.41 0.84 0.00	52.50 1.00 0.00	45.89 0.81 0.00	41.72 0.82 0.00	50.76 1.26 0.00	50.89 1.83 0.00	66.14 2.49 0.00	62.97 2.98 0.00	51.09 2.79 0.00	58.34 3.13 0.00	53.76 2.94 0.00	52.09 3.06 0.00	49.06 2.94 0.00	53.50 3.11 0.00	52.80 2.95 0.00	58.33 3.35 0.00	59.41 3.28 0.00	68.88 3.79 0.00	69.64 3.60 0.00	51.14 2.45 0.00	43.89 2.06 0.00	43.28 1.80 0.00
ROME____115KV_TB2 80656	41.01 1.15 0.00	43.84 1.18 0.00	44.77 1.20 0.00	52.92 1.41 0.00	46.34 1.26 0.00	42.18 1.28 0.00	51.34 1.85 0.00	50.98 1.93 0.00	65.86 2.21 0.00	61.64 1.65 0.00	49.33 1.02 0.00	56.41 1.20 0.00	51.84 1.02 0.00	49.94 0.91 0.00	46.98 0.86 0.00	51.47 1.09 0.00	51.20 1.35 0.00	56.66 1.67 0.00	58.17 2.04 0.00	67.62 2.53 0.00	68.55 2.51 0.00	50.36 1.67 0.00	43.25 1.42 0.00	42.66 1.17 0.00
ROSETON___1 23587	40.36 0.50 0.00	43.04 0.37 0.00	43.90 0.33 0.00	51.90 0.40 0.00	45.39 0.30 0.00	41.23 0.33 0.00	50.10 0.60 0.00	50.13 1.08 0.00	65.16 1.51 0.00	61.88 1.89 0.00	50.15 1.84 0.00	57.28 2.07 0.00	52.75 1.93 0.00	51.09 2.05 0.00	48.13 2.00 0.00	52.49 2.10 0.00	51.83 1.98 0.00	57.31 2.32 0.00	58.39 2.26 0.00	67.64 2.55 0.00	68.39 2.36 0.00	50.29 1.60 0.00	43.15 1.32 0.00	42.61 1.12 0.00
ROSETON___2 23588	40.36 0.50 0.00	43.04 0.37 0.00	43.90 0.33 0.00	51.90 0.40 0.00	45.39 0.30 0.00	41.23 0.33 0.00	50.10 0.60 0.00	50.13 1.08 0.00	65.16 1.51 0.00	61.88 1.89 0.00	50.15 1.84 0.00	57.28 2.07 0.00	52.75 1.93 0.00	51.09 2.05 0.00	48.13 2.00 0.00	52.49 2.10 0.00	51.83 1.98 0.00	57.31 2.32 0.00	58.39 2.26 0.00	67.64 2.55 0.00	68.39 2.36 0.00	50.29 1.60 0.00	43.15 1.32 0.00	42.61 1.12 0.00
ROTRRDAM_115KV_TB3 80664	40.32 0.46 0.00	43.10 0.44 0.00	43.99 0.42 0.00	52.01 0.51 0.00	45.53 0.44 0.00	41.35 0.45 0.00	50.08 0.58 0.00	49.81 0.75 0.00	64.63 0.97 0.00	60.98 0.99 0.00	49.24 0.93 0.00	56.26 1.05 0.00	51.82 1.00 0.00	50.02 0.99 0.00	47.14 1.01 0.00	51.57 1.18 0.00	51.03 1.18 0.00	56.40 1.41 0.00	57.51 1.38 0.00	66.65 1.56 0.00	67.52 1.48 0.00	49.76 1.07 0.00	42.70 0.86 0.00	42.30 0.81 0.00
RUSSELL___1 23602	39.38 -0.48 0.00	41.98 -0.68 0.00	42.87 -0.70 0.00	50.68 -0.83 0.00	44.36 -0.73 0.00	40.27 -0.62 0.00	48.67 -0.83 0.00	48.36 -0.70 0.00	62.61 -1.04 0.00	58.69 -1.30 0.00	46.91 -1.40 0.00	53.63 -1.58 0.00	49.30 -1.52 0.00	47.38 -1.65 0.00	44.32 -1.81 0.00	48.47 -1.92 0.00	48.13 -1.72 0.00	52.84 -2.15 0.00	54.15 -1.97 0.00	62.94 -2.15 0.00	64.13 -1.91 0.00	47.33 -1.35 0.00	40.82 -1.01 0.00	40.84 -0.65 0.00
RUSSELL___2 23532	39.38 -0.48 0.00	41.98 -0.68 0.00	42.87 -0.70 0.00	50.68 -0.83 0.00	44.36 -0.73 0.00	40.27 -0.62 0.00	48.67 -0.83 0.00	48.36 -0.70 0.00	62.61 -1.04 0.00	58.69 -1.30 0.00	46.91 -1.40 0.00	53.63 -1.58 0.00	49.30 -1.52 0.00	47.38 -1.65 0.00	44.32 -1.81 0.00	48.47 -1.92 0.00	48.13 -1.72 0.00	52.84 -2.15 0.00	54.15 -1.97 0.00	62.94 -2.15 0.00	64.13 -1.91 0.00	47.33 -1.35 0.00	40.82 -1.01 0.00	40.84 -0.65 0.00
RUSSELL___3 23549	39.38 -0.48 0.00	41.98 -0.68 0.00	42.87 -0.70 0.00	50.68 -0.83 0.00	44.36 -0.73 0.00	40.27 -0.62 0.00	48.67 -0.83 0.00	48.36 -0.70 0.00	62.61 -1.04 0.00	58.69 -1.30 0.00	46.91 -1.40 0.00	53.63 -1.58 0.00	49.30 -1.52 0.00	47.38 -1.65 0.00	44.32 -1.81 0.00	48.47 -1.92 0.00	48.13 -1.72 0.00	52.84 -2.15 0.00	54.15 -1.97 0.00	62.94 -2.15 0.00	64.13 -1.91 0.00	47.33 -1.35 0.00	40.82 -1.01 0.00	40.84 -0.65 0.00
RUSSELL___4 23556	39.38 -0.48 0.00	41.98 -0.68 0.00	42.87 -0.70 0.00	50.68 -0.83 0.00	44.36 -0.73 0.00	40.27 -0.62 0.00	48.67 -0.83 0.00	48.36 -0.70 0.00	62.61 -1.04 0.00	58.69 -1.30 0.00	46.91 -1.40 0.00	53.63 -1.58 0.00	49.30 -1.52 0.00	47.38 -1.65 0.00	44.32 -1.81 0.00	48.47 -1.92 0.00	48.13 -1.72 0.00	52.84 -2.15 0.00	54.15 -1.97 0.00	62.94 -2.15 0.00	64.13 -1.91 0.00	47.33 -1.35 0.00	40.82 -1.01 0.00	40.84 -0.65 0.00
RUSSELL___STATION 23914	39.38 -0.48 0.00	41.98 -0.68 0.00	42.87 -0.70 0.00	50.68 -0.83 0.00	44.36 -0.73 0.00	40.27 -0.62 0.00	48.67 -0.83 0.00	48.36 -0.70 0.00	62.61 -1.04 0.00	58.69 -1.30 0.00	46.91 -1.40 0.00	53.63 -1.58 0.00	49.30 -1.52 0.00	47.38 -1.65 0.00	44.32 -1.81 0.00	48.47 -1.92 0.00	48.13 -1.72 0.00	52.84 -2.15 0.00	54.15 -1.97 0.00	62.94 -2.15 0.00	64.13 -1.91 0.00	47.33 -1.35 0.00	40.82 -1.01 0.00	40.84 -0.65 0.00
S SALMON___HYD 24043	39.41 -0.45 0.00	42.11 -0.55 0.00	43.02 -0.55 0.00	50.87 -0.64 0.00	44.52 -0.57 0.00	40.47 -0.43 0.00	49.21 -0.29 0.00	48.84 -0.22 0.00	62.83 -0.83 0.00	58.65 -1.34 0.00	47.00 -1.31 0.00	53.77 -1.44 0.00	49.45 -1.37 0.00	47.59 -1.44 0.00	44.70 -1.43 0.00	48.85 -1.54 0.00	48.41 -1.45 0.00	53.38 -1.61 0.00	54.87 -1.25 0.00	64.30 -0.79 0.00	65.31 -0.72 0.00	47.91 -0.78 0.00	41.24 -0.60 0.00	40.70 -0.79 0.00
S.PERRY__115KV_TB1 80734	40.61 0.75 0.00	43.18 0.51 0.00	44.18 0.61 0.00	52.27 0.76 0.00	45.78 0.69 0.00	41.45 0.55 0.00	50.22 0.73 0.00	50.00 0.94 0.00	63.93 0.28 0.00	59.61 -1.01 -0.63	47.17 -1.14 0.00	53.96 -1.25 0.00	49.67 -1.15 0.00	47.69 -1.35 0.00	44.47 -1.77 -0.11	48.44 -1.95 0.00	52.13 -1.83 -4.11	61.19 -1.99 -8.18	55.30 -0.82 0.00	94.65 -0.65 -30.20	113.88 -0.42 -48.28	88.50 -0.52 -40.33	74.60 -0.68 -33.45	69.24 -0.45 -28.19
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.40 -1.45 0.00	40.93 -1.74 0.00	41.81 -1.76 0.00	49.40 -2.11 0.00	43.15 -1.93 0.00	38.56 -2.34 0.00	46.19 -3.30 0.00	45.96 -3.10 0.00	59.82 -3.84 0.00	56.08 -3.76 0.15	44.84 -3.47 0.00	51.20 -4.02 0.00	47.07 -3.75 0.00	45.07 -3.97 0.00	42.08 -4.02 0.03	46.15 -4.24 0.00	44.98 -3.92 0.96	47.89 -5.19 1.91	50.86 -5.27 0.00	51.92 -6.14 7.03	48.98 -5.80 11.25	35.31 -3.98 9.40	31.10 -2.94 7.80	32.76 -2.16 6.57

SAWYER___23_KV_LOAD 55526	38.40 -1.45 0.00	40.93 -1.74 0.00	41.81 -1.76 0.00	49.40 -2.11 0.00	43.15 -1.93 0.00	38.56 -2.34 0.00	46.19 -3.30 0.00	45.96 -3.10 0.00	59.82 -3.84 0.00	56.08 -3.76 0.15	44.84 -3.47 0.00	51.20 -4.02 0.00	47.07 -3.75 0.00	45.07 -3.97 0.00	42.08 -4.02 0.03	46.15 -4.24 0.00	44.98 -3.92 0.96	47.89 -5.19 1.91	50.86 -5.27 0.00	51.92 -6.14 7.03	48.98 -5.80 11.25	35.31 -3.98 9.40	31.10 -2.94 7.80	32.76 -2.16 6.57
SELKIRK___I 23801	39.85 -0.01 0.00	42.64 -0.02 0.00	43.52 -0.05 0.00	51.47 -0.04 0.00	45.06 -0.03 0.00	40.96 0.06 0.00	49.52 0.03 0.00	49.24 0.17 0.00	63.96 0.31 0.00	60.43 0.44 0.00	48.77 0.46 0.00	55.74 0.53 0.00	51.28 0.46 0.00	49.57 0.54 0.00	46.71 0.58 0.00	51.07 0.68 0.00	50.60 0.75 0.00	55.91 0.93 0.00	56.95 0.83 0.00	65.96 0.87 0.00	66.78 0.75 0.00	49.30 0.61 0.00	42.31 0.48 0.00	41.92 0.43 0.00
SELKIRK___II 23799	39.65 -0.20 0.00	42.40 -0.27 0.00	43.26 -0.31 0.00	51.15 -0.35 0.00	44.78 -0.31 0.00	40.71 -0.18 0.00	49.23 -0.26 0.00	49.00 -0.06 0.00	63.69 0.03 0.00	60.28 0.29 0.00	48.70 0.40 0.00	55.63 0.42 0.00	51.20 0.38 0.00	49.51 0.47 0.00	46.64 0.52 0.00	50.98 0.59 0.00	50.46 0.61 0.00	55.78 0.80 0.00	56.81 0.69 0.00	65.76 0.66 0.00	66.58 0.55 0.00	49.14 0.45 0.00	42.17 0.34 0.00	41.75 0.26 0.00
SENECA OSWGO___HYD 24041	39.23 -0.63 0.00	41.89 -0.78 0.00	42.78 -0.79 0.00	50.59 -0.91 0.00	44.29 -0.80 0.00	40.23 -0.67 0.00	48.77 -0.73 0.00	48.46 -0.60 0.00	62.73 -0.93 0.00	58.90 -1.09 0.00	47.37 -0.94 0.00	54.15 -1.06 0.00	49.80 -1.02 0.00	48.02 -1.01 0.00	45.10 -1.03 0.00	49.29 -1.10 0.00	48.87 -0.99 0.00	53.95 -1.04 0.00	55.10 -1.03 0.00	64.10 -0.99 0.00	65.07 -0.97 0.00	47.93 -0.76 0.00	41.16 -0.67 0.00	40.79 -0.70 0.00
SENECA___115KV_TB3 355854	38.92 -0.94 0.00	41.44 -1.23 0.00	42.36 -1.21 0.00	50.05 -1.46 0.00	43.73 -1.36 0.00	39.13 -1.77 0.00	46.98 -2.51 0.00	46.76 -2.30 0.00	60.83 -2.82 0.00	57.07 -2.79 0.13	45.67 -2.63 0.00	52.16 -3.05 0.00	47.94 -2.88 0.00	45.89 -3.15 0.00	42.90 -3.20 0.02	47.02 -3.37 0.00	45.95 -3.07 0.83	49.19 -4.15 1.65	51.91 -4.22 0.00	54.02 -4.99 6.08	51.66 -4.64 9.73	37.38 -3.18 8.13	32.80 -2.29 6.74	34.25 -1.55 5.69
SENECA___ENERGY 23797	39.84 -0.02 0.00	42.48 -0.18 0.00	43.49 -0.08 0.00	51.33 -0.17 0.00	45.05 -0.04 0.00	40.87 -0.04 0.00	49.50 0.01 0.00	49.28 0.22 0.00	63.63 -0.03 0.00	59.64 -0.39 -0.04	47.94 -0.37 0.00	54.82 -0.39 0.00	50.39 -0.43 0.00	48.45 -0.58 0.00	45.50 -0.63 -0.01	49.65 -0.74 0.00	49.51 -0.63 -0.28	54.70 -0.85 -0.57	55.55 -0.58 0.00	66.67 -0.51 -2.09	68.75 -0.58 -3.30	51.01 -0.44 -2.76	43.65 -0.46 -2.28	43.10 -0.31 -1.93
SHOEMAKER___GT 23640	40.31 0.45 0.00	43.01 0.34 0.00	43.90 0.32 0.00	51.90 0.40 0.00	45.42 0.33 0.00	41.23 0.33 0.00	50.07 0.58 0.00	50.05 0.98 0.00	65.03 1.38 0.00	61.64 1.65 0.00	49.96 1.66 0.00	57.10 1.89 0.00	52.56 1.74 0.00	50.86 1.83 0.00	47.91 1.79 0.00	52.22 1.83 0.00	51.56 1.71 0.00	56.99 2.00 0.00	58.10 1.97 0.00	67.32 2.22 0.00	68.10 2.06 0.00	50.12 1.43 0.00	43.02 1.19 0.00	42.48 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	40.27 0.42 0.00	42.98 0.31 0.00	43.86 0.30 0.00	51.88 0.37 0.00	45.39 0.29 0.00	41.20 0.30 0.00	50.04 0.54 0.00	50.03 0.97 0.00	65.00 1.34 0.00	61.63 1.64 0.00	49.94 1.63 0.00	57.06 1.85 0.00	52.54 1.72 0.00	50.86 1.82 0.00	47.90 1.78 0.00	52.21 1.82 0.00	51.56 1.71 0.00	56.99 2.00 0.00	58.08 1.95 0.00	67.32 2.23 0.00	68.09 2.05 0.00	50.10 1.41 0.00	43.00 1.17 0.00	42.47 0.98 0.00
SHOREHAM_IC_1 23715	37.98 0.35 2.22	41.71 0.09 1.04	43.33 -0.17 0.07	51.16 -0.34 0.00	44.61 -0.48 0.00	38.86 -0.55 1.49	48.41 -0.90 0.18	48.41 -0.21 0.44	61.62 0.33 2.37	55.25 0.60 5.33	52.40 1.19 -2.91	56.00 1.13 0.34	54.04 1.23 -1.99	54.03 1.63 -3.37	52.00 1.87 -4.00	53.90 1.90 -1.61	53.45 1.51 -2.09	61.64 1.81 -4.85	61.25 1.77 -3.36	69.52 2.03 -2.40	70.57 1.95 -2.59	55.10 1.33 -5.08	49.19 1.08 -6.27	46.69 1.10 -4.10
SHOREHAM_IC_2 23716	37.98 0.35 2.22	41.71 0.09 1.04	43.33 -0.17 0.07	51.16 -0.34 0.00	44.61 -0.48 0.00	38.86 -0.55 1.49	48.41 -0.90 0.18	48.41 -0.21 0.44	61.62 0.33 2.37	55.25 0.60 5.33	52.40 1.19 -2.91	56.00 1.13 0.34	54.04 1.23 -1.99	54.03 1.63 -3.37	52.00 1.87 -4.00	53.90 1.90 -1.61	53.45 1.51 -2.09	61.64 1.81 -4.85	61.25 1.77 -3.36	69.52 2.03 -2.40	70.57 1.95 -2.59	55.10 1.33 -5.08	49.19 1.08 -6.27	46.69 1.10 -4.10
SISSONVILLE___ 23735	40.04 0.18 0.00	43.18 0.52 0.00	44.09 0.52 0.00	52.10 0.60 0.00	45.62 0.54 0.00	41.38 0.48 0.00	50.08 0.58 0.00	49.13 0.07 0.00	63.38 -0.28 0.00	59.10 -0.89 0.00	47.14 -1.17 0.00	54.17 -1.05 0.00	49.93 -0.89 0.00	47.90 -1.14 0.00	44.88 -1.24 0.00	49.05 -1.34 0.00	48.57 -1.28 0.00	53.59 -1.40 0.00	54.75 -1.38 0.00	64.07 -1.02 0.00	65.27 -0.76 0.00	48.12 -0.57 0.00	41.49 -0.34 0.00	41.26 -0.22 0.00
SITHE_IND_GS1 24169	38.99 -0.86 0.00	41.67 -1.00 0.00	42.56 -1.01 0.00	50.32 -1.19 0.00	44.06 -1.03 0.00	39.98 -0.92 0.00	48.41 -1.09 0.00	48.07 -0.98 0.00	62.29 -1.37 0.00	58.62 -1.37 0.00	47.18 -1.13 0.00	53.93 -1.28 0.00	49.60 -1.21 0.00	47.82 -1.22 0.00	44.94 -1.19 0.00	49.10 -1.29 0.00	48.59 -1.26 0.00	53.57 -1.42 0.00	54.74 -1.39 0.00	63.53 -1.56 0.00	64.48 -1.56 0.00	47.53 -1.16 0.00	40.83 -1.01 0.00	40.50 -0.99 0.00
SITHE_IND_GS2 24170	38.99 -0.86 0.00	41.67 -1.00 0.00	42.56 -1.01 0.00	50.32 -1.19 0.00	44.06 -1.03 0.00	39.98 -0.92 0.00	48.41 -1.09 0.00	48.07 -0.98 0.00	62.29 -1.37 0.00	58.62 -1.37 0.00	47.18 -1.13 0.00	53.93 -1.28 0.00	49.60 -1.21 0.00	47.82 -1.22 0.00	44.94 -1.19 0.00	49.10 -1.29 0.00	48.59 -1.26 0.00	53.57 -1.42 0.00	54.74 -1.39 0.00	63.53 -1.56 0.00	64.48 -1.56 0.00	47.53 -1.16 0.00	40.83 -1.01 0.00	40.50 -0.99 0.00
SITHE_IND_GS3 24171	38.99 -0.86 0.00	41.67 -1.00 0.00	42.56 -1.01 0.00	50.32 -1.19 0.00	44.06 -1.03 0.00	39.98 -0.92 0.00	48.41 -1.09 0.00	48.07 -0.98 0.00	62.29 -1.37 0.00	58.62 -1.37 0.00	47.18 -1.13 0.00	53.93 -1.28 0.00	49.60 -1.21 0.00	47.82 -1.22 0.00	44.94 -1.19 0.00	49.10 -1.29 0.00	48.59 -1.26 0.00	53.57 -1.42 0.00	54.74 -1.39 0.00	63.53 -1.56 0.00	64.48 -1.56 0.00	47.53 -1.16 0.00	40.83 -1.01 0.00	40.50 -0.99 0.00
SITHE_IND_GS4 24172	38.99 -0.86 0.00	41.67 -1.00 0.00	42.56 -1.01 0.00	50.32 -1.19 0.00	44.06 -1.03 0.00	39.98 -0.92 0.00	48.41 -1.09 0.00	48.07 -0.98 0.00	62.29 -1.37 0.00	58.62 -1.37 0.00	47.18 -1.13 0.00	53.93 -1.28 0.00	49.60 -1.21 0.00	47.82 -1.22 0.00	44.94 -1.19 0.00	49.10 -1.29 0.00	48.59 -1.26 0.00	53.57 -1.42 0.00	54.74 -1.39 0.00	63.53 -1.56 0.00	64.48 -1.56 0.00	47.53 -1.16 0.00	40.83 -1.01 0.00	40.50 -0.99 0.00

SITHE___BATAVIA 24024	39.34 -0.51 0.00	41.92 -0.75 0.00	42.80 -0.77 0.00	50.59 -0.91 0.00	44.28 -0.82 0.00	39.89 -1.01 0.00	48.10 -1.40 0.00	47.87 -1.19 0.00	61.84 -1.82 0.00	57.65 -2.22 0.11	45.68 -2.63 0.00	52.26 -2.96 0.00	48.31 -2.51 0.00	45.93 -3.11 0.00	42.73 -3.38 0.02	46.71 -3.68 0.00	45.71 -3.38 0.77	49.64 -3.82 1.53	52.81 -3.32 0.00	55.89 -3.57 5.63	53.81 -3.21 9.02	38.95 -2.20 7.53	34.00 -1.58 6.25	35.25 -0.98 5.27
SITHE___INDEPEND 23800	39.00 -0.86 0.00	41.67 -1.00 0.00	42.56 -1.01 0.00	50.32 -1.19 0.00	44.05 -1.03 0.00	39.98 -0.93 0.00	48.41 -1.09 0.00	48.07 -0.98 0.00	62.29 -1.36 0.00	58.62 -1.37 0.00	47.18 -1.13 0.00	53.93 -1.28 0.00	49.60 -1.21 0.00	47.82 -1.22 0.00	44.94 -1.19 0.00	49.09 -1.30 0.00	48.60 -1.26 0.00	53.57 -1.41 0.00	54.74 -1.39 0.00	63.53 -1.56 0.00	64.48 -1.56 0.00	47.53 -1.16 0.00	40.81 -1.02 0.00	40.50 -0.99 0.00
SITHE___MASSENA 23902	40.78 0.93 0.00	43.95 1.29 0.00	44.89 1.32 0.00	53.05 1.55 0.00	46.45 1.36 0.00	42.08 1.18 0.00	50.82 1.33 0.00	49.90 0.84 0.00	64.68 1.02 0.00	60.62 0.64 0.00	48.43 0.12 0.00	55.44 0.23 0.00	51.10 0.28 0.00	49.21 0.18 0.00	46.20 0.07 0.00	50.47 0.08 0.00	49.93 0.08 0.00	55.01 0.02 0.00	56.14 0.02 0.00	65.34 0.25 0.00	66.51 0.48 0.00	49.09 0.40 0.00	42.31 0.47 0.00	42.14 0.65 0.00
SITHE___OGDNSBRG 24021	41.24 1.38 0.00	44.48 1.81 0.00	45.42 1.86 0.00	53.68 2.18 0.00	47.02 1.94 0.00	42.65 1.75 0.00	51.64 2.15 0.00	50.57 1.51 0.00	64.83 1.17 0.00	60.38 0.40 0.00	48.10 -0.21 0.00	55.17 -0.04 0.00	50.90 0.08 0.00	48.90 -0.13 0.00	45.88 -0.25 0.00	50.12 -0.27 0.00	49.70 -0.15 0.00	54.98 0.00 0.00	56.18 0.06 0.00	65.99 0.90 0.00	67.29 1.26 0.00	49.63 0.94 0.00	42.75 0.92 0.00	42.56 1.07 0.00
SITHE___STERLING 23777	40.65 0.79 0.00	43.44 0.77 0.00	44.35 0.79 0.00	52.43 0.92 0.00	45.91 0.83 0.00	41.76 0.86 0.00	50.77 1.28 0.00	50.46 1.40 0.00	65.27 1.61 0.00	61.20 1.21 0.00	49.05 0.74 0.00	56.08 0.87 0.00	51.54 0.72 0.00	49.63 0.60 0.00	46.73 0.60 0.00	51.16 0.77 0.00	50.85 1.00 0.00	56.23 1.25 0.00	57.67 1.54 0.00	66.93 1.84 0.00	67.88 1.85 0.00	49.91 1.22 0.00	42.85 1.01 0.00	42.32 0.84 0.00
SLEIGHT__34_KV_TB1 80719	39.28 -0.58 0.00	41.87 -0.80 0.00	42.82 -0.75 0.00	50.58 -0.93 0.00	44.34 -0.75 0.00	40.32 -0.58 0.00	48.84 -0.66 0.00	48.56 -0.50 0.00	62.84 -0.82 0.00	58.81 -1.18 0.00	47.09 -1.21 0.00	53.89 -1.32 0.00	49.54 -1.28 0.00	47.61 -1.42 0.00	44.61 -1.51 0.00	48.78 -1.61 0.00	48.46 -1.40 0.00	53.25 -1.74 0.00	54.57 -1.56 0.00	63.45 -1.64 0.00	64.56 -1.48 0.00	47.58 -1.11 0.00	40.90 -0.93 0.00	40.80 -0.69 0.00
SOUTH CAIRO___GT 23612	40.79 0.93 0.00	43.58 0.91 0.00	44.46 0.89 0.00	52.58 1.07 0.00	46.11 1.03 0.00	42.06 1.16 0.00	50.98 1.48 0.00	50.84 1.78 0.00	66.15 2.49 0.00	62.46 2.47 0.00	50.31 2.00 0.00	57.49 2.28 0.00	52.74 1.93 0.00	51.02 1.98 0.00	47.96 1.84 0.00	52.57 2.18 0.00	52.18 2.33 0.00	57.79 2.81 0.00	58.95 2.83 0.00	68.36 3.27 0.00	69.17 3.14 0.00	50.96 2.27 0.00	43.59 1.76 0.00	43.06 1.57 0.00
SOUTH HAMPTN___IC 23720	38.53 0.93 2.26	42.39 0.79 1.06	44.15 0.66 0.07	52.18 0.68 0.00	45.32 0.24 0.00	39.27 -0.11 1.52	48.64 -0.66 0.18	48.79 0.17 0.44	62.00 0.75 2.40	55.69 1.11 5.40	52.85 1.73 -2.82	56.38 1.57 0.40	54.37 1.63 -1.93	54.35 2.02 -3.29	52.22 2.20 -3.90	54.24 2.29 -1.55	53.73 1.86 -2.02	61.87 2.14 -4.74	61.50 2.08 -3.29	69.94 2.52 -2.33	71.06 2.50 -2.53	55.51 1.84 -4.98	49.48 1.50 -6.15	47.05 1.55 -4.00
SOUTHDOW_115KV_TB1 355954	41.00 1.14 0.00	43.56 0.90 0.00	44.74 1.17 0.00	52.88 1.37 0.00	46.18 1.09 0.00	41.43 0.53 0.00	50.16 0.66 0.00	49.99 0.93 0.00	64.94 1.28 0.00	60.66 0.72 0.05	48.85 0.54 0.00	55.99 0.77 0.00	51.43 0.61 0.00	49.22 0.19 0.00	45.98 -0.13 0.01	49.86 -0.52 0.00	48.84 -0.72 0.29	52.76 -1.65 0.58	53.95 -2.18 0.00	59.94 -3.00 2.15	59.90 -2.69 3.45	43.84 -1.97 2.88	38.19 -1.26 2.39	38.96 -0.52 2.02
SOUTHOLD_69_KV_BK 2 55809	38.74 1.14 2.26	42.71 1.10 1.06	44.59 1.10 0.07	52.74 1.24 0.00	45.61 0.52 0.00	39.24 -0.14 1.52	48.26 -1.05 0.18	48.57 -0.05 0.44	61.61 0.35 2.40	55.36 0.77 5.40	52.72 1.60 -2.82	56.02 1.21 0.40	54.06 1.31 -1.93	54.06 1.73 -3.30	51.99 1.96 -3.90	53.99 2.05 -1.56	53.49 1.61 -2.02	61.70 1.97 -4.75	61.29 1.87 -3.29	69.87 2.44 -2.34	71.07 2.50 -2.53	55.63 1.96 -4.99	49.58 1.59 -6.16	47.19 1.69 -4.00
SOUTHOLD___IC 23719	38.72 1.12 2.26	42.71 1.10 1.06	44.58 1.08 0.07	52.72 1.22 0.00	45.61 0.52 0.00	39.24 -0.14 1.52	48.26 -1.05 0.18	48.57 -0.05 0.44	61.61 0.36 2.40	55.36 0.77 5.40	52.74 1.61 -2.82	56.04 1.23 0.40	54.04 1.29 -1.93	54.07 1.75 -3.30	51.99 1.96 -3.90	54.01 2.06 -1.56	53.50 1.62 -2.02	61.68 1.95 -4.75	61.29 1.88 -3.29	69.86 2.44 -2.34	71.07 2.50 -2.53	55.62 1.94 -4.99	49.57 1.58 -6.16	47.19 1.70 -4.00
SOUTH_FORK_WT_PWR 323839	38.60 1.00 2.26	42.67 1.07 1.06	44.64 1.15 0.07	52.82 1.32 0.00	45.51 0.42 0.00	38.91 -0.48 1.52	47.51 -1.80 0.18	47.93 -0.68 0.44	60.67 -0.58 2.40	54.47 -0.11 5.40	52.15 1.02 -2.82	55.22 0.41 0.40	53.26 0.51 -1.93	53.31 0.99 -3.29	51.32 1.30 -3.90	53.31 1.36 -1.55	52.77 0.89 -2.02	60.92 1.19 -4.74	60.52 1.10 -3.29	69.09 1.66 -2.33	70.39 1.82 -2.53	55.24 1.57 -4.98	49.26 1.28 -6.16	46.95 1.46 -4.00
SPIERFLS_115KV_TB 1 80737	41.17 1.31 0.00	44.01 1.35 0.00	44.91 1.34 0.00	53.07 1.57 0.00	46.52 1.43 0.00	42.36 1.46 0.00	51.26 1.76 0.00	50.95 1.90 0.00	66.05 2.39 0.00	62.29 2.31 0.00	50.23 1.91 0.00	57.44 2.23 0.00	53.06 2.24 0.00	51.22 2.18 0.00	48.39 2.26 0.00	52.99 2.60 0.00	52.53 2.67 0.00	58.19 3.20 0.00	59.33 3.21 0.00	68.66 3.57 0.00	69.48 3.44 0.00	51.08 2.39 0.00	43.71 1.88 0.00	43.37 1.88 0.00
ST LAWRENCE____ 23600	40.29 0.43 0.00	43.39 0.72 0.00	44.31 0.74 0.00	52.36 0.85 0.00	45.84 0.75 0.00	41.53 0.62 0.00	50.13 0.63 0.00	49.31 0.25 0.00	63.99 0.34 0.00	60.04 0.05 0.00	48.04 -0.27 0.00	54.95 -0.26 0.00	50.63 -0.19 0.00	48.80 -0.23 0.00	45.85 -0.28 0.00	50.08 -0.31 0.00	49.54 -0.31 0.00	54.54 -0.44 0.00	55.66 -0.47 0.00	64.66 -0.43 0.00	65.78 -0.25 0.00	48.56 -0.13 0.00	41.83 0.00 0.00	41.67 0.17 0.00
STATE_CA_115KV_115_LB 55624	39.57 -0.29 0.00	42.32 -0.35 0.00	43.16 -0.41 0.00	51.03 -0.48 0.00	44.70 -0.40 0.00	40.69 -0.21 0.00	49.19 -0.30 0.00	48.96 -0.10 0.00	63.68 0.03 0.00	60.29 0.30 0.00	48.73 0.42 0.00	55.67 0.46 0.00	51.27 0.45 0.00	49.55 0.52 0.00	46.70 0.58 0.00	51.08 0.69 0.00	50.58 0.73 0.00	55.92 0.94 0.00	56.97 0.84 0.00	65.88 0.78 0.00	66.67 0.63 0.00	49.21 0.52 0.00	42.21 0.38 0.00	41.77 0.28 0.00

STATE_ST_34_KV_LOAD 55959	40.10 0.24 0.00	42.76 0.10 0.00	43.90 0.33 0.00	51.72 0.21 0.00	45.45 0.36 0.00	41.26 0.36 0.00	50.07 0.57 0.00	49.79 0.73 0.00	64.35 0.69 0.00	60.12 0.13 0.00	48.39 0.08 0.00	55.36 0.15 0.00	50.90 0.08 0.00	48.86 -0.17 0.00	45.98 -0.15 0.00	50.23 -0.16 0.00	49.86 0.01 0.00	54.89 -0.09 0.00	56.36 0.24 0.00	65.51 0.42 0.00	66.49 0.46 0.00	49.01 0.32 0.00	41.92 0.09 0.00	41.72 0.23 0.00
STATION 5_MISC_HYD 23604	39.18 -0.68 0.00	41.78 -0.89 0.00	42.66 -0.91 0.00	50.44 -1.07 0.00	44.15 -0.94 0.00	40.07 -0.83 0.00	48.41 -1.09 0.00	48.11 -0.95 0.00	62.31 -1.35 0.00	58.40 -1.59 0.00	46.71 -1.60 0.00	53.40 -1.82 0.00	49.11 -1.71 0.00	47.17 -1.86 0.00	44.13 -2.00 0.00	48.26 -2.13 0.00	47.90 -1.95 0.00	52.57 -2.42 0.00	53.82 -2.31 0.00	62.58 -2.51 0.00	63.77 -2.26 0.00	47.10 -1.59 0.00	40.64 -1.20 0.00	40.66 -0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.84 -0.02 0.00	42.47 -0.20 0.00	43.43 -0.14 0.00	51.29 -0.21 0.00	44.97 -0.12 0.00	40.87 -0.03 0.00	49.51 0.01 0.00	49.25 0.19 0.00	63.65 -0.01 0.00	59.56 -0.43 0.00	47.70 -0.61 0.00	54.53 -0.68 0.00	50.09 -0.72 0.00	48.25 -0.78 0.00	45.22 -0.90 0.00	49.35 -1.04 0.00	49.02 -0.83 0.00	54.01 -0.98 0.00	55.40 -0.73 0.00	64.42 -0.67 0.00	65.40 -0.64 0.00	48.21 -0.48 0.00	41.44 -0.40 0.00	41.28 -0.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.99 -0.87 0.00	41.58 -1.09 0.00	42.47 -1.10 0.00	50.20 -1.31 0.00	43.95 -1.14 0.00	39.91 -0.99 0.00	48.21 -1.28 0.00	47.94 -1.12 0.00	62.09 -1.57 0.00	58.19 -1.80 0.00	46.56 -1.75 0.00	53.22 -2.00 0.00	48.93 -1.89 0.00	47.04 -2.00 0.00	44.00 -2.13 0.00	48.13 -2.26 0.00	47.79 -2.06 0.00	52.45 -2.54 0.00	53.71 -2.42 0.00	62.42 -2.68 0.00	63.55 -2.48 0.00	46.92 -1.77 0.00	40.45 -1.38 0.00	40.46 -1.03 0.00
STA_56___34_KV_BUS2 355983	38.99 -0.87 0.00	41.58 -1.09 0.00	42.47 -1.10 0.00	50.20 -1.31 0.00	43.95 -1.14 0.00	39.91 -0.99 0.00	48.21 -1.28 0.00	47.94 -1.12 0.00	62.09 -1.57 0.00	58.19 -1.80 0.00	46.56 -1.75 0.00	53.22 -2.00 0.00	48.93 -1.89 0.00	47.04 -2.00 0.00	44.00 -2.13 0.00	48.13 -2.26 0.00	47.79 -2.06 0.00	52.45 -2.54 0.00	53.71 -2.42 0.00	62.42 -2.68 0.00	63.55 -2.48 0.00	46.92 -1.77 0.00	40.45 -1.38 0.00	40.46 -1.03 0.00
STA_67___115KV_BK2 355882	39.09 -0.76 0.00	41.69 -0.97 0.00	42.58 -0.99 0.00	50.33 -1.18 0.00	44.05 -1.04 0.00	39.99 -0.91 0.00	48.28 -1.22 0.00	48.00 -1.06 0.00	62.17 -1.49 0.00	58.28 -1.71 0.00	46.60 -1.71 0.00	53.28 -1.94 0.00	48.98 -1.84 0.00	47.07 -1.96 0.00	44.03 -2.10 0.00	48.15 -2.24 0.00	47.81 -2.04 0.00	52.43 -2.56 0.00	53.69 -2.43 0.00	62.40 -2.69 0.00	63.58 -2.45 0.00	46.95 -1.74 0.00	40.51 -1.32 0.00	40.55 -0.94 0.00
STA_7___115KV_9TRANS 80674	39.38 -0.48 0.00	41.98 -0.68 0.00	42.87 -0.70 0.00	50.68 -0.83 0.00	44.36 -0.73 0.00	40.27 -0.62 0.00	48.67 -0.83 0.00	48.36 -0.70 0.00	62.61 -1.04 0.00	58.69 -1.30 0.00	46.91 -1.40 0.00	53.63 -1.58 0.00	49.30 -1.52 0.00	47.38 -1.65 0.00	44.32 -1.81 0.00	48.47 -1.92 0.00	48.13 -1.72 0.00	52.84 -2.15 0.00	54.15 -1.97 0.00	62.94 -2.15 0.00	64.13 -1.91 0.00	47.33 -1.35 0.00	40.82 -1.01 0.00	40.84 -0.65 0.00
STA_82___115KV_TB1 80780	39.09 -0.76 0.00	41.69 -0.97 0.00	42.57 -1.00 0.00	50.33 -1.18 0.00	44.05 -1.04 0.00	39.98 -0.92 0.00	48.28 -1.22 0.00	48.01 -1.05 0.00	62.16 -1.49 0.00	58.25 -1.74 0.00	46.58 -1.73 0.00	53.25 -1.96 0.00	48.96 -1.86 0.00	47.06 -1.98 0.00	44.00 -2.13 0.00	48.14 -2.26 0.00	47.80 -2.05 0.00	52.40 -2.58 0.00	53.68 -2.44 0.00	62.40 -2.69 0.00	63.57 -2.46 0.00	46.93 -1.76 0.00	40.50 -1.33 0.00	40.55 -0.94 0.00
STEEL___WIND 323596	38.88 -0.98 0.00	41.41 -1.26 0.00	42.32 -1.25 0.00	49.99 -1.52 0.00	43.69 -1.39 0.00	39.09 -1.81 0.00	46.94 -2.56 0.00	46.70 -2.36 0.00	60.76 -2.89 0.00	56.98 -2.88 0.13	45.61 -2.70 0.00	52.08 -3.13 0.00	47.91 -2.91 0.00	45.79 -3.24 0.00	42.86 -3.24 0.02	46.97 -3.42 0.00	45.87 -3.16 0.83	49.14 -4.20 1.65	51.81 -4.32 0.00	53.97 -5.04 6.08	51.61 -4.69 9.73	37.38 -3.18 8.13	32.77 -2.31 6.74	34.24 -1.57 5.69
STEPHTWN_115KV_BK_2 55603	39.82 -0.03 0.00	42.51 -0.15 0.00	43.39 -0.18 0.00	51.37 -0.14 0.00	44.96 -0.12 0.00	40.98 0.08 0.00	49.58 0.08 0.00	49.34 0.28 0.00	64.23 0.57 0.00	60.80 0.82 0.00	49.24 0.93 0.00	56.26 1.04 0.00	51.69 0.87 0.00	50.02 0.99 0.00	47.17 1.05 0.00	51.51 1.12 0.00	51.01 1.16 0.00	56.44 1.45 0.00	57.48 1.36 0.00	66.57 1.48 0.00	67.32 1.29 0.00	49.58 0.89 0.00	42.51 0.68 0.00	42.11 0.62 0.00
STEUBEN_REC_LFGE 323667	40.52 0.66 0.00	43.05 0.39 0.00	44.11 0.54 0.00	52.17 0.67 0.00	45.65 0.56 0.00	41.10 0.20 0.00	49.71 0.22 0.00	49.50 0.44 0.00	63.49 -0.17 0.00	59.56 -0.85 -0.42	47.49 -0.82 0.00	54.35 -0.86 0.00	49.83 -0.99 0.00	47.75 -1.29 0.00	44.61 -1.59 -0.08	48.40 -1.99 0.00	50.51 -2.07 -2.72	58.23 -2.19 -5.42	54.43 -1.69 0.00	83.32 -1.79 -20.02	95.83 -2.18 -31.98	73.25 -2.16 -26.72	61.29 -2.71 -22.16	57.70 -2.47 -18.68
STILLWATER___SOLAR 323814	40.77 0.91 0.00	43.59 0.92 0.00	44.47 0.90 0.00	52.57 1.06 0.00	46.06 0.97 0.00	41.90 1.00 0.00	50.67 1.17 0.00	50.35 1.29 0.00	65.33 1.67 0.00	61.63 1.65 0.00	49.77 1.46 0.00	56.90 1.68 0.00	52.46 1.63 0.00	50.63 1.59 0.00	47.81 1.68 0.00	52.31 1.92 0.00	51.82 1.97 0.00	57.37 2.38 0.00	58.47 2.35 0.00	67.72 2.63 0.00	68.56 2.52 0.00	50.48 1.79 0.00	43.25 1.42 0.00	42.90 1.41 0.00
STONY___BROOK 24151	38.71 0.99 2.14	42.43 0.76 1.00	44.01 0.51 0.07	51.96 0.46 0.00	45.35 0.26 0.00	39.65 0.19 1.44	49.39 0.07 0.17	49.36 0.72 0.42	62.97 1.60 2.29	56.88 2.06 5.17	53.72 2.29 -3.12	57.47 2.46 0.20	55.42 2.47 -2.13	55.34 2.77 -3.54	53.12 2.75 -4.25	54.96 2.84 -1.73	54.58 2.49 -2.24	62.84 2.75 -5.10	62.31 2.67 -3.52	70.73 3.08 -2.55	71.71 2.94 -2.74	56.10 2.10 -5.31	50.15 1.76 -6.55	47.57 1.76 -4.32
STURGEON_POOL_HYD 23609	40.59 0.73 0.00	43.27 0.61 0.00	44.15 0.58 0.00	52.20 0.69 0.00	45.65 0.56 0.00	41.45 0.55 0.00	50.44 0.94 0.00	50.53 1.48 0.00	65.70 2.04 0.00	62.41 2.42 0.00	50.61 2.31 0.00	57.81 2.60 0.00	53.20 2.38 0.00	51.51 2.47 0.00	48.52 2.39 0.00	52.90 2.51 0.00	52.22 2.36 0.00	57.72 2.73 0.00	58.86 2.73 0.00	68.16 3.07 0.00	68.92 2.89 0.00	50.68 2.00 0.00	43.45 1.62 0.00	42.88 1.39 0.00
ST_LAW_115_BK7_LBMP 345037	40.32 0.46 0.00	43.44 0.77 0.00	44.35 0.78 0.00	52.42 0.92 0.00	45.90 0.81 0.00	41.57 0.67 0.00	50.18 0.69 0.00	49.33 0.27 0.00	64.00 0.34 0.00	60.03 0.04 0.00	48.01 -0.30 0.00	54.93 -0.29 0.00	50.62 -0.20 0.00	48.78 -0.25 0.00	45.82 -0.31 0.00	50.04 -0.35 0.00	49.50 -0.35 0.00	54.49 -0.49 0.00	55.61 -0.52 0.00	64.63 -0.46 0.00	65.75 -0.28 0.00	48.55 -0.14 0.00	41.83 0.00 0.00	41.68 0.19 0.00

ST_LAW_115_BK8_LBMP 345038	40.32 0.46 0.00	43.44 0.77 0.00	44.35 0.78 0.00	52.42 0.92 0.00	45.90 0.81 0.00	41.57 0.67 0.00	50.18 0.69 0.00	49.33 0.27 0.00	64.00 0.34 0.00	60.03 0.04 0.00	48.01 -0.30 0.00	54.93 -0.29 0.00	50.62 -0.20 0.00	48.78 -0.25 0.00	45.82 -0.31 0.00	50.04 -0.35 0.00	49.50 -0.35 0.00	54.49 -0.49 0.00	55.61 -0.52 0.00	64.63 -0.46 0.00	65.75 -0.28 0.00	48.55 -0.14 0.00	41.83 0.00 0.00	41.68 0.19 0.00
ST_LAW_230_BK5_LBMP 345035	40.29 0.43 0.00	43.39 0.72 0.00	44.31 0.74 0.00	52.36 0.85 0.00	45.84 0.75 0.00	41.53 0.62 0.00	50.13 0.63 0.00	49.31 0.25 0.00	63.99 0.34 0.00	60.04 0.05 0.00	48.04 -0.27 0.00	54.95 -0.26 0.00	50.63 -0.19 0.00	48.80 -0.23 0.00	45.85 -0.28 0.00	50.08 -0.31 0.00	49.54 -0.31 0.00	54.54 -0.44 0.00	55.66 -0.47 0.00	64.66 -0.43 0.00	65.78 -0.25 0.00	48.56 -0.13 0.00	41.83 0.00 0.00	41.67 0.17 0.00
ST_LAW_230_BK6_LBMP 345036	40.29 0.43 0.00	43.39 0.72 0.00	44.31 0.74 0.00	52.36 0.85 0.00	45.84 0.75 0.00	41.53 0.62 0.00	50.13 0.63 0.00	49.31 0.25 0.00	63.99 0.34 0.00	60.04 0.05 0.00	48.04 -0.27 0.00	54.95 -0.26 0.00	50.63 -0.19 0.00	48.80 -0.23 0.00	45.85 -0.28 0.00	50.08 -0.31 0.00	49.54 -0.31 0.00	54.54 -0.44 0.00	55.66 -0.47 0.00	64.66 -0.43 0.00	65.78 -0.25 0.00	48.56 -0.13 0.00	41.83 0.00 0.00	41.67 0.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.33 0.47 0.00	43.01 0.34 0.00	43.90 0.33 0.00	51.93 0.43 0.00	45.42 0.33 0.00	41.23 0.33 0.00	50.12 0.62 0.00	50.16 1.10 0.00	65.19 1.53 0.00	61.86 1.87 0.00	50.16 1.85 0.00	57.31 2.10 0.00	52.78 1.96 0.00	51.08 2.04 0.00	48.12 1.99 0.00	52.45 2.07 0.00	51.79 1.94 0.00	57.27 2.28 0.00	58.37 2.24 0.00	67.64 2.55 0.00	68.37 2.34 0.00	50.26 1.57 0.00	43.13 1.29 0.00	42.57 1.08 0.00
SWANROAD_115KV_TB1 355699	37.57 -2.29 0.00	40.06 -2.61 0.00	40.89 -2.68 0.00	48.34 -3.16 0.00	42.23 -2.86 0.00	37.67 -3.23 0.00	44.97 -4.52 0.00	44.74 -4.32 0.00	58.13 -5.53 0.00	54.59 -5.23 0.16	43.53 -4.79 0.00	49.68 -5.53 0.00	45.74 -5.08 0.00	43.76 -5.27 0.00	40.76 -5.34 0.03	44.70 -5.69 0.00	43.55 -5.27 1.04	46.16 -6.76 2.07	49.41 -6.72 0.00	49.56 -7.89 7.65	46.24 -7.56 12.23	33.21 -5.26 10.22	29.38 -3.97 8.48	31.19 -3.16 7.14
SYNERGY___BIOGAS 323694	39.34 -0.52 0.00	41.92 -0.75 0.00	42.78 -0.79 0.00	50.60 -0.91 0.00	44.27 -0.81 0.00	39.89 -1.01 0.00	48.09 -1.40 0.00	47.88 -1.18 0.00	61.82 -1.84 0.00	57.66 -2.22 0.11	45.68 -2.63 0.00	52.25 -2.96 0.00	48.27 -2.55 0.00	45.93 -3.10 0.00	42.70 -3.40 0.02	46.69 -3.70 0.00	45.70 -3.39 0.77	49.63 -3.83 1.53	52.83 -3.30 0.00	55.84 -3.62 5.63	53.74 -3.28 9.02	38.89 -2.27 7.53	33.95 -1.63 6.25	35.19 -1.04 5.27
SYRACUSE___ENERGY_ST1 323597	39.83 -0.03 0.00	42.50 -0.16 0.00	43.47 -0.09 0.00	51.38 -0.13 0.00	45.02 -0.07 0.00	40.86 -0.04 0.00	49.55 0.05 0.00	49.25 0.19 0.00	63.76 0.10 0.00	59.85 -0.14 0.00	48.18 -0.13 0.00	55.09 -0.12 0.00	50.65 -0.17 0.00	48.80 -0.24 0.00	45.86 -0.27 0.00	50.10 -0.29 0.00	49.70 -0.15 0.00	54.94 -0.04 0.00	56.23 0.10 0.00	65.27 0.18 0.00	66.05 0.02 0.00	48.65 -0.04 0.00	41.76 -0.08 0.00	41.42 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	39.83 -0.03 0.00	42.50 -0.16 0.00	43.47 -0.09 0.00	51.38 -0.13 0.00	45.02 -0.07 0.00	40.86 -0.04 0.00	49.55 0.05 0.00	49.25 0.19 0.00	63.76 0.10 0.00	59.85 -0.14 0.00	48.18 -0.13 0.00	55.09 -0.12 0.00	50.65 -0.17 0.00	48.80 -0.24 0.00	45.86 -0.27 0.00	50.10 -0.29 0.00	49.70 -0.15 0.00	54.94 -0.04 0.00	56.23 0.10 0.00	65.27 0.18 0.00	66.05 0.02 0.00	48.65 -0.04 0.00	41.76 -0.08 0.00	41.42 -0.07 0.00
SYRACUSE___POWER 24017	39.82 -0.04 0.00	42.49 -0.17 0.00	43.44 -0.13 0.00	51.34 -0.17 0.00	44.97 -0.12 0.00	40.82 -0.08 0.00	49.49 0.00 0.00	49.21 0.15 0.00	63.74 0.09 0.00	59.89 -0.10 0.00	48.18 -0.12 0.00	55.09 -0.12 0.00	50.63 -0.19 0.00	48.80 -0.23 0.00	45.86 -0.26 0.00	50.10 -0.29 0.00	49.94 0.09 0.00	55.77 0.79 0.00	57.13 1.01 0.00	66.23 1.14 0.00	66.03 -0.01 0.00	48.64 -0.05 0.00	41.76 -0.07 0.00	41.41 -0.08 0.00
TALLMAN___138KV_BK151 55660	40.40 0.54 0.00	43.06 0.39 0.00	43.96 0.40 0.00	52.04 0.53 0.00	45.49 0.40 0.00	41.28 0.38 0.00	50.22 0.73 0.00	50.31 1.25 0.00	65.39 1.73 0.00	62.11 2.12 0.00	50.38 2.07 0.00	57.57 2.36 0.00	53.05 2.23 0.00	51.35 2.31 0.00	48.38 2.26 0.00	52.73 2.34 0.00	52.02 2.17 0.00	57.53 2.54 0.00	58.60 2.48 0.00	67.93 2.84 0.00	68.64 2.60 0.00	50.41 1.73 0.00	43.26 1.43 0.00	42.69 1.20 0.00
TEALLAVE_115KV_TB7 355573	39.60 -0.26 0.00	42.27 -0.39 0.00	43.19 -0.38 0.00	51.07 -0.44 0.00	44.72 -0.37 0.00	40.59 -0.31 0.00	49.21 -0.29 0.00	48.92 -0.14 0.00	63.39 -0.27 0.00	59.59 -0.40 0.00	47.95 -0.36 0.00	54.82 -0.39 0.00	50.41 -0.41 0.00	48.58 -0.46 0.00	45.65 -0.47 0.00	49.88 -0.51 0.00	49.38 -0.47 0.00	54.40 -0.58 0.00	55.61 -0.52 0.00	64.56 -0.53 0.00	65.65 -0.39 0.00	48.35 -0.33 0.00	41.53 -0.30 0.00	41.18 -0.31 0.00
TELGRAPH_34_KV_EAST 80808	38.53 -1.33 0.00	41.05 -1.62 0.00	41.91 -1.66 0.00	49.55 -1.96 0.00	43.32 -1.77 0.00	38.82 -2.08 0.00	46.60 -2.89 0.00	46.39 -2.67 0.00	60.12 -3.53 0.00	56.29 -3.55 0.14	44.80 -3.51 0.00	51.21 -4.00 0.00	47.20 -3.62 0.00	45.04 -3.99 0.00	41.96 -4.14 0.03	45.89 -4.50 0.00	44.77 -4.14 0.95	47.99 -5.10 1.89	51.21 -4.92 0.00	52.43 -5.68 6.98	49.51 -5.35 11.17	35.65 -3.70 9.33	31.33 -2.76 7.74	32.90 -2.07 6.53
TEMPLE___115KV_TB 2 55572	39.63 -0.22 0.00	42.29 -0.38 0.00	43.22 -0.35 0.00	51.09 -0.42 0.00	44.74 -0.35 0.00	40.61 -0.29 0.00	49.22 -0.27 0.00	48.95 -0.11 0.00	63.42 -0.23 0.00	59.62 -0.37 0.00	47.98 -0.33 0.00	54.87 -0.35 0.00	50.44 -0.38 0.00	48.62 -0.42 0.00	45.68 -0.44 0.00	49.91 -0.48 0.00	49.39 -0.46 0.00	54.43 -0.55 0.00	55.62 -0.51 0.00	64.57 -0.52 0.00	65.66 -0.37 0.00	48.37 -0.31 0.00	41.55 -0.28 0.00	41.20 -0.29 0.00
TIANA____69_KV_BK 1 55817	38.49 0.89 2.26	42.31 0.70 1.06	44.04 0.55 0.07	52.04 0.54 0.00	45.26 0.18 0.00	39.28 -0.10 1.52	48.78 -0.54 0.18	48.87 0.26 0.44	62.13 0.88 2.40	55.81 1.22 5.40	52.88 1.76 -2.82	56.49 1.68 0.40	54.49 1.74 -1.93	54.45 2.13 -3.30	52.29 2.27 -3.90	54.30 2.36 -1.56	53.83 1.95 -2.02	61.98 2.25 -4.75	61.59 2.18 -3.29	70.01 2.58 -2.34	71.12 2.55 -2.53	55.51 1.84 -4.98	49.50 1.51 -6.16	47.02 1.52 -4.00
TILDEN___115KV_TB1 80814	39.82 -0.04 0.00	42.49 -0.17 0.00	43.44 -0.13 0.00	51.34 -0.17 0.00	44.97 -0.12 0.00	40.82 -0.08 0.00	49.49 0.00 0.00	49.21 0.15 0.00	63.74 0.09 0.00	59.89 -0.10 0.00	48.18 -0.12 0.00	55.09 -0.12 0.00	50.63 -0.19 0.00	48.80 -0.23 0.00	45.86 -0.26 0.00	50.10 -0.29 0.00	49.94 0.09 0.00	55.77 0.79 0.00	57.13 1.01 1.14	66.23 1.14 0.00	66.03 -0.01 0.00	48.64 -0.05 0.00	41.76 -0.07 0.00	41.41 -0.08 0.00

TRIGEN___CC 323695	51.27 1.25 -10.16	48.53 1.11 -4.76	44.81 0.90 -0.35	52.49 0.96 -0.02	45.89 0.78 -0.02	48.49 0.75 -6.84	51.33 0.97 -0.86	52.67 1.56 -2.05	77.27 2.54 -11.07	84.82 2.99 -21.84	88.61 2.78 -37.52	80.65 3.09 -22.34	78.74 2.93 -24.99	83.56 3.02 -31.50	93.21 2.92 -44.17	75.75 3.09 -22.27	79.26 2.87 -26.54	104.09 3.26 -45.84	88.78 3.23 -29.42	96.40 3.61 -27.70	95.57 3.60 -25.94	93.27 2.41 -42.17	95.61 2.00 -51.78	81.96 1.95 -38.52
TRINITY___115KV___4 BK 55933	39.40 -0.46 0.00	42.14 -0.52 0.00	42.98 -0.59 0.00	50.81 -0.70 0.00	44.50 -0.59 0.00	40.51 -0.39 0.00	48.93 -0.56 0.00	48.70 -0.36 0.00	63.36 -0.30 0.00	59.98 -0.01 0.00	48.47 0.16 0.00	55.37 0.16 0.00	50.98 0.16 0.00	49.29 0.26 0.00	46.46 0.34 0.00	50.80 0.41 0.00	50.33 0.48 0.00	55.64 0.66 0.00	56.64 0.52 0.00	65.52 0.43 0.00	66.32 0.28 0.00	48.97 0.28 0.00	42.01 0.18 0.00	41.60 0.11 0.00
UNION___PROCESSING_DRP 323587	39.09 -0.76 0.00	41.69 -0.97 0.00	42.58 -0.99 0.00	50.33 -1.17 0.00	44.06 -1.03 0.00	39.99 -0.91 0.00	48.29 -1.21 0.00	48.01 -1.05 0.00	62.17 -1.49 0.00	58.27 -1.71 0.00	46.59 -1.72 0.00	53.26 -1.95 0.00	48.97 -1.85 0.00	47.06 -1.98 0.00	44.00 -2.12 0.00	48.14 -2.26 0.00	47.80 -2.05 0.00	52.41 -2.58 0.00	53.69 -2.44 0.00	62.41 -2.69 0.00	63.58 -2.45 0.00	46.96 -1.74 0.00	40.51 -1.32 0.00	40.55 -0.94 0.00
UPPER HUDSON___HYD 24058	41.17 1.31 0.00	44.01 1.35 0.00	44.91 1.34 0.00	53.07 1.57 0.00	46.52 1.43 0.00	42.36 1.46 0.00	51.26 1.76 0.00	50.95 1.89 0.00	66.05 2.39 0.00	62.29 2.30 0.00	50.23 1.91 0.00	57.44 2.23 0.00	53.06 2.24 0.00	51.22 2.18 0.00	48.39 2.26 0.00	52.99 2.60 0.00	52.53 2.67 0.00	58.19 3.20 0.00	59.33 3.20 0.00	68.66 3.57 0.00	69.47 3.44 0.00	51.08 2.39 0.00	43.71 1.88 0.00	43.37 1.87 0.00
UPPER RAQUET___HYD 24056	40.04 0.18 0.00	43.18 0.51 0.00	44.09 0.52 0.00	52.11 0.60 0.00	45.62 0.54 0.00	41.38 0.48 0.00	50.08 0.58 0.00	49.13 0.07 0.00	63.38 -0.28 0.00	59.10 -0.89 0.00	47.15 -1.16 0.00	54.17 -1.05 0.00	49.93 -0.89 0.00	47.90 -1.14 0.00	44.88 -1.25 0.00	49.06 -1.34 0.00	48.58 -1.28 0.00	53.59 -1.40 0.00	54.75 -1.37 0.00	64.07 -1.03 0.00	65.27 -0.76 0.00	48.12 -0.57 0.00	41.49 -0.34 0.00	41.26 -0.23 0.00
VALLEY44_115KV_TB2 355964	40.12 0.27 0.00	42.65 -0.02 0.00	43.77 0.20 0.00	51.84 0.33 0.00	45.14 0.05 0.00	40.34 -0.56 0.00	48.57 -0.93 0.00	48.33 -0.73 0.00	62.67 -0.99 0.00	58.77 -1.22 0.00	47.52 -0.79 0.00	54.42 -0.80 0.00	50.19 -0.63 0.00	48.30 -0.74 0.00	45.28 -0.84 0.00	49.27 -1.12 0.00	48.56 -1.29 0.00	53.07 -1.92 0.00	54.32 -1.81 0.00	62.95 -2.14 0.00	64.14 -1.90 0.00	47.26 -1.43 0.00	40.97 -0.86 0.00	41.31 -0.18 0.00
VALLEY___115KV_TB 1-4 80826	38.94 -0.92 0.00	41.45 -1.21 0.00	42.39 -1.17 0.00	50.15 -1.36 0.00	43.94 -1.15 0.00	40.07 -0.83 0.00	48.73 -0.77 0.00	48.59 -0.47 0.00	62.92 -0.73 0.00	59.31 -0.69 0.00	48.28 -0.03 0.00	54.99 -0.22 0.00	50.53 -0.28 0.00	48.64 -0.39 0.00	46.08 -0.04 0.00	50.50 0.11 0.00	49.96 0.10 0.00	55.42 0.43 0.00	56.80 0.68 0.00	65.75 0.66 0.00	66.35 0.32 0.00	48.90 0.21 0.00	41.76 -0.07 0.00	41.24 -0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.30 1.44 0.00	44.12 1.46 0.00	45.12 1.55 0.00	53.43 1.92 0.00	46.83 1.74 0.00	42.46 1.56 0.00	51.54 2.04 0.00	51.25 2.19 0.00	66.37 2.71 0.00	62.76 2.77 0.00	50.76 2.45 0.00	57.99 2.78 0.00	53.35 2.53 0.00	51.57 2.53 0.00	48.40 2.28 0.00	52.88 2.49 0.00	52.31 2.46 0.00	57.73 2.75 0.00	59.10 2.97 0.00	68.31 3.22 0.00	69.13 3.09 0.00	50.97 2.28 0.00	43.76 1.93 0.00	43.33 1.84 0.00
VISCHER___FERRY HYD 24020	40.05 0.19 0.00	42.83 0.16 0.00	43.66 0.09 0.00	51.63 0.12 0.00	45.20 0.11 0.00	41.13 0.23 0.00	49.64 0.15 0.00	49.34 0.28 0.00	64.14 0.49 0.00	60.67 0.68 0.00	49.01 0.70 0.00	55.97 0.76 0.00	51.54 0.72 0.00	49.82 0.78 0.00	46.98 0.86 0.00	51.42 1.03 0.00	50.96 1.10 0.00	56.37 1.38 0.00	57.38 1.26 0.00	66.42 1.33 0.00	67.25 1.21 0.00	49.63 0.94 0.00	42.54 0.71 0.00	42.19 0.70 0.00
V_A_10_SYNC_DSASP 323832	38.45 -1.41 0.00	41.00 -1.66 0.00	41.89 -1.68 0.00	49.52 -1.99 0.00	43.30 -1.79 0.00	39.22 -1.68 0.00	47.09 -2.41 0.00	46.83 -2.23 0.00	60.74 -2.92 0.00	56.92 -2.97 0.09	45.59 -2.72 0.00	52.09 -3.12 0.00	47.95 -2.87 0.00	45.99 -3.04 0.00	42.93 -3.18 0.02	46.99 -3.39 0.00	46.08 -3.15 0.62	49.62 -4.13 1.23	51.90 -4.22 0.00	55.75 -4.79 4.55	54.30 -4.45 7.28	39.52 -3.09 6.09	34.48 -2.31 5.05	35.55 -1.69 4.25
V_CMM_10_SYNC_DSASP 323787	40.53 0.67 0.00	43.66 1.00 0.00	44.59 1.02 0.00	52.70 1.20 0.00	46.14 1.05 0.00	41.79 0.89 0.00	50.45 0.96 0.00	49.58 0.52 0.00	64.23 0.58 0.00	60.24 0.25 0.00	48.16 -0.15 0.00	55.09 -0.12 0.00	50.77 -0.05 0.00	48.94 -0.10 0.00	45.95 -0.17 0.00	50.19 -0.20 0.00	49.65 -0.21 0.00	54.66 -0.32 0.00	55.78 -0.35 0.00	64.82 -0.27 0.00	65.95 -0.08 0.00	48.70 0.01 0.00	41.97 0.13 0.00	41.80 0.31 0.00
V_CMP_10_SYNC_DSASP 323788	41.56 1.71 0.00	44.62 1.96 0.00	45.42 1.85 0.00	53.51 2.01 0.00	46.87 1.78 0.00	42.37 1.47 0.00	51.15 1.66 0.00	50.45 1.40 0.00	65.50 1.84 0.00	60.95 0.96 0.00	48.87 0.56 0.00	55.90 0.69 0.00	51.57 0.75 0.00	49.85 0.81 0.00	46.84 0.72 0.00	51.16 0.77 0.00	50.63 0.77 0.00	55.60 0.61 0.00	56.29 0.16 0.00	65.52 0.43 0.00	66.65 0.62 0.00	49.58 0.89 0.00	42.84 1.01 0.00	42.79 1.30 0.00
V_D_10_SYNC_DSASP 323841	40.78 0.93 0.00	43.95 1.29 0.00	44.88 1.31 0.00	53.05 1.54 0.00	46.44 1.36 0.00	42.07 1.17 0.00	50.82 1.33 0.00	49.90 0.84 0.00	64.68 1.02 0.00	60.63 0.64 0.00	48.44 0.13 0.00	55.44 0.23 0.00	51.10 0.28 0.00	49.22 0.18 0.00	46.20 0.07 0.00	50.47 0.08 0.00	49.93 0.08 0.00	55.01 0.02 0.00	56.14 0.02 0.00	65.33 0.24 0.00	66.51 0.48 0.00	49.08 0.39 0.00	42.30 0.47 0.00	42.14 0.64 0.00
V_E_10_SYNC_DSASP 323830	42.61 2.75 0.00	45.45 2.78 0.00	46.61 3.04 0.00	55.30 3.80 0.00	48.64 3.55 0.00	44.25 3.35 0.00	54.05 4.56 0.00	53.86 4.80 0.00	69.36 5.70 0.00	64.80 4.78 -0.03	51.97 3.66 0.00	59.33 4.12 0.00	54.41 3.59 0.00	52.05 3.02 0.00	49.14 3.01 -0.01	53.86 3.47 0.00	53.53 3.45 -0.22	59.46 4.03 -0.45	60.70 4.57 0.00	71.91 5.16 -1.65	73.60 4.96 -2.61	54.50 3.63 -2.18	46.36 2.73 -1.81	45.71 2.70 -1.52
V_F_30_NSYNC___DSASP 323816	40.85 0.99 0.00	43.66 0.99 0.00	44.55 0.98 0.00	52.67 1.16 0.00	46.15 1.06 0.00	41.98 1.08 0.00	50.78 1.29 0.00	50.46 1.41 0.00	65.46 1.81 0.00	61.77 1.78 0.00	49.90 1.59 0.00	57.02 1.81 0.00	52.58 1.77 0.00	50.74 1.70 0.00	47.91 1.78 0.00	52.42 2.03 0.00	51.92 2.06 0.00	57.48 2.49 0.00	58.58 2.45 0.00	67.85 2.76 0.00	68.69 2.65 0.00	50.57 1.88 0.00	43.32 1.49 0.00	42.96 1.48 0.00

V_F_30_SYNC_DSASP 323786	39.57 -0.29 0.00	42.32 -0.35 0.00	43.16 -0.41 0.00	51.03 -0.48 0.00	44.69 -0.40 0.00	40.69 -0.21 0.00	49.19 -0.30 0.00	48.96 -0.10 0.00	63.68 0.03 0.00	60.29 0.30 0.00	48.71 0.40 0.00	55.67 0.46 0.00	51.26 0.44 0.00	49.55 0.51 0.00	46.69 0.57 0.00	51.08 0.68 0.00	50.58 0.73 0.00	55.92 0.94 0.00	56.96 0.83 0.00	65.86 0.77 0.00	66.66 0.62 0.00	49.21 0.52 0.00	42.21 0.38 0.00	41.77 0.28 0.00
V_XM_10_SYNC_DSASP 323789	41.56 1.71 0.00	44.62 1.96 0.00	45.42 1.85 0.00	53.51 2.01 0.00	46.87 1.78 0.00	42.37 1.47 0.00	51.15 1.66 0.00	50.45 1.40 0.00	65.50 1.84 0.00	60.95 0.96 0.00	48.87 0.56 0.00	55.90 0.69 0.00	51.57 0.75 0.00	49.85 0.81 0.00	46.84 0.72 0.00	51.16 0.77 0.00	50.63 0.77 0.00	55.60 0.61 0.00	56.29 0.16 0.00	65.52 0.43 0.00	66.65 0.62 0.00	49.58 0.89 0.00	42.84 1.01 0.00	42.79 1.30 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.56 0.70 0.00	43.24 0.58 0.00	44.13 0.56 0.00	52.23 0.73 0.00	45.66 0.57 0.00	41.44 0.54 0.00	50.44 0.94 0.00	50.52 1.46 0.00	65.70 2.04 0.00	62.39 2.40 0.00	50.62 2.31 0.00	57.85 2.64 0.00	53.30 2.48 0.00	51.59 2.56 0.00	48.60 2.48 0.00	52.98 2.59 0.00	52.27 2.42 0.00	57.80 2.82 0.00	58.88 2.76 0.00	68.26 3.17 0.00	68.99 2.95 0.00	50.66 1.97 0.00	43.46 1.62 0.00	42.89 1.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.90 1.04 0.00	43.57 0.90 0.00	44.37 0.80 0.00	52.50 0.99 0.00	45.88 0.79 0.00	41.69 0.79 0.00	50.74 1.25 0.00	50.98 1.92 0.00	66.25 2.60 0.00	63.18 3.19 0.00	51.17 2.87 0.00	58.45 3.24 0.00	53.85 3.03 0.00	52.22 3.18 0.00	49.16 3.03 0.00	53.61 3.22 0.00	52.90 3.05 0.00	58.44 3.46 0.00	59.50 3.37 0.00	69.00 3.91 0.00	69.77 3.73 0.00	51.09 2.40 0.00	43.89 2.06 0.00	43.28 1.79 0.00
W50THST__13_KV_LOAD 356117	41.12 1.27 0.00	43.80 1.13 0.00	44.59 1.02 0.00	52.77 1.27 0.00	46.12 1.03 0.00	41.93 1.03 0.00	51.02 1.52 0.00	51.23 2.17 0.00	66.66 3.01 0.00	63.54 3.55 0.00	51.48 3.17 0.00	58.83 3.62 0.00	54.19 3.37 0.00	52.55 3.52 0.00	49.48 3.36 0.00	53.96 3.57 0.00	53.26 3.40 0.00	58.82 3.83 0.00	59.86 3.74 0.00	69.39 4.30 0.00	70.13 4.09 0.00	51.34 2.65 0.00	44.08 2.25 0.00	43.49 2.00 0.00
WADING RIVER_IC_1 23522	37.88 0.29 2.27	41.63 0.02 1.07	43.27 -0.23 0.07	51.09 -0.41 0.00	44.54 -0.54 0.00	38.78 -0.59 1.53	48.33 -0.98 0.18	48.33 -0.27 0.44	61.49 0.25 2.42	55.02 0.46 5.43	52.18 1.09 -2.78	55.79 1.00 0.42	53.86 1.13 -1.91	53.82 1.52 -3.27	51.79 1.81 -3.86	53.76 1.83 -1.53	53.31 1.45 -2.00	61.41 1.72 -4.71	61.07 1.68 -3.27	69.33 1.93 -2.31	70.40 1.85 -2.51	54.91 1.27 -4.95	48.98 1.03 -6.11	46.51 1.06 -3.97
WADING RIVER_IC_2 23547	37.88 0.29 2.27	41.63 0.02 1.07	43.27 -0.23 0.07	51.09 -0.41 0.00	44.54 -0.54 0.00	38.78 -0.59 1.53	48.33 -0.98 0.18	48.33 -0.27 0.44	61.49 0.25 2.42	55.02 0.46 5.43	52.18 1.09 -2.78	55.79 1.00 0.42	53.86 1.13 -1.91	53.82 1.52 -3.27	51.79 1.81 -3.86	53.76 1.83 -1.53	53.31 1.45 -2.00	61.41 1.72 -4.71	61.07 1.68 -3.27	69.33 1.93 -2.31	70.40 1.85 -2.51	54.91 1.27 -4.95	48.98 1.03 -6.11	46.51 1.06 -3.97
WADING RIVER_IC_3 23601	37.88 0.29 2.27	41.63 0.02 1.07	43.27 -0.23 0.07	51.09 -0.41 0.00	44.54 -0.54 0.00	38.78 -0.59 1.53	48.33 -0.98 0.18	48.33 -0.27 0.44	61.49 0.25 2.42	55.02 0.46 5.43	52.18 1.09 -2.78	55.79 1.00 0.42	53.86 1.13 -1.91	53.82 1.52 -3.27	51.79 1.81 -3.86	53.76 1.83 -1.53	53.31 1.45 -2.00	61.41 1.72 -4.71	61.07 1.68 -3.27	69.33 1.93 -2.31	70.40 1.85 -2.51	54.91 1.27 -4.95	48.98 1.03 -6.11	46.51 1.06 -3.97
WALDENNY_12_KV_BK2 80841	38.84 -1.02 0.00	41.37 -1.29 0.00	42.28 -1.29 0.00	49.96 -1.55 0.00	43.66 -1.43 0.00	39.05 -1.85 0.00	46.89 -2.61 0.00	46.66 -2.40 0.00	60.71 -2.94 0.00	56.97 -2.88 0.13	45.58 -2.73 0.00	52.05 -3.16 0.00	47.84 -2.98 0.00	45.79 -3.25 0.00	42.80 -3.30 0.02	46.91 -3.48 0.00	45.84 -3.16 0.85	49.03 -4.27 1.69	51.80 -4.32 0.00	53.75 -5.09 6.25	51.26 -4.77 10.00	37.07 -3.27 8.36	32.55 -2.35 6.93	34.01 -1.64 5.84
WALDEN__HYDRO 24148	40.55 0.69 0.00	43.24 0.58 0.00	44.12 0.55 0.00	52.18 0.67 0.00	45.64 0.56 0.00	41.45 0.55 0.00	50.42 0.93 0.00	50.48 1.41 0.00	65.62 1.96 0.00	62.26 2.27 0.00	50.50 2.18 0.00	57.67 2.46 0.00	53.11 2.29 0.00	51.40 2.37 0.00	48.43 2.30 0.00	52.81 2.42 0.00	52.15 2.30 0.00	57.66 2.68 0.00	58.78 2.65 0.00	68.11 3.02 0.00	68.89 2.85 0.00	50.62 1.94 0.00	43.41 1.58 0.00	42.84 1.35 0.00
WARRENSBURG____ 23737	41.17 1.31 0.00	44.01 1.35 0.00	44.91 1.34 0.00	53.07 1.57 0.00	46.52 1.43 0.00	42.36 1.46 0.00	51.26 1.76 0.00	50.95 1.90 0.00	66.05 2.39 0.00	62.29 2.31 0.00	50.23 1.91 0.00	57.44 2.23 0.00	53.06 2.24 0.00	51.22 2.18 0.00	48.39 2.26 0.00	52.99 2.60 0.00	52.53 2.67 0.00	58.19 3.20 0.00	59.33 3.21 0.00	68.66 3.57 0.00	69.48 3.44 0.00	51.08 2.39 0.00	43.71 1.88 0.00	43.37 1.88 0.00
WATERSIDE____6 8 9 23538	37.88 1.08 3.05	41.12 0.92 2.46	42.26 0.80 2.12	52.03 1.00 0.47	44.07 0.80 1.81	38.91 0.82 2.81	49.68 1.32 1.14	50.09 2.07 1.05	63.98 2.78 2.45	67.21 3.33 -3.89	65.35 3.00 -14.04	75.17 3.39 -16.57	74.76 3.17 -20.77	60.50 3.29 -8.18	57.79 3.14 -8.52	59.51 3.32 -5.80	64.78 3.15 -11.77	54.53 3.59 4.04	52.50 3.51 7.13	63.15 4.05 6.00	64.07 3.86 5.83	41.81 2.56 9.44	36.13 2.15 7.84	40.56 1.87 2.80
WATKINRD_115KV_LN8_ILLION 55919	38.62 -1.24 0.00	41.04 -1.63 0.00	41.98 -1.58 0.00	49.65 -1.86 0.00	43.54 -1.55 0.00	39.79 -1.11 0.00	48.48 -1.02 0.00	48.41 -0.65 0.00	62.65 -1.00 0.00	59.02 -0.97 0.00	48.24 -0.07 0.00	54.91 -0.30 0.00	50.47 -0.35 0.00	48.54 -0.49 0.00	46.10 -0.03 0.00	50.60 0.21 0.00	50.06 0.21 0.00	55.67 0.68 0.00	57.15 1.02 0.00	66.10 1.01 0.00	66.56 0.52 0.00	49.06 0.37 0.00	41.78 -0.05 0.00	41.21 -0.28 0.00
WATSON__69_KV_BK 1 55734	40.09 1.50 1.27	43.38 1.32 0.60	44.62 1.09 0.04	52.65 1.14 0.00	45.96 0.87 0.00	40.77 0.73 0.86	50.20 0.81 0.11	50.26 1.46 0.26	64.80 2.57 1.43	59.56 3.03 3.45	56.56 3.03 -5.22	59.71 3.29 -1.21	57.56 3.22 -3.53	57.70 3.43 -5.24	56.13 3.33 -6.68	56.85 3.47 -2.99	56.72 3.14 -3.73	66.11 3.54 -7.59	64.70 3.48 -5.09	73.04 3.86 -4.09	74.07 3.89 -4.15	58.97 2.73 -7.56	53.47 2.33 -9.31	50.30 2.29 -6.52
WDELAWARE__HYD 323627	41.07 1.22 0.00	43.79 1.12 0.00	44.68 1.11 0.00	52.83 1.33 0.00	46.25 1.16 0.00	42.01 1.11 0.00	51.13 1.63 0.00	51.18 2.12 0.00	66.49 2.83 0.00	63.07 3.08 0.00	51.18 2.87 0.00	58.46 3.25 0.00	53.81 2.99 0.00	52.04 3.01 0.00	49.02 2.89 0.00	53.47 3.07 0.00	52.80 2.95 0.00	58.36 3.38 0.00	59.59 3.47 0.00	69.05 3.96 0.00	69.86 3.83 0.00	51.34 2.65 0.00	43.98 2.15 0.00	43.38 1.89 0.00

WEST BABYLON___IC 23714	42.31 1.61 -0.84	44.50 1.44 -0.39	44.82 1.22 -0.03	52.80 1.29 0.00	46.11 1.02 0.00	42.32 0.86 -0.56	50.52 0.97 -0.05	50.79 1.61 -0.12	67.07 2.76 -0.66	63.88 3.19 -0.70	61.75 3.11 -10.33	63.24 3.38 -4.65	61.03 3.28 -6.93	61.86 3.43 -9.40	62.04 3.32 -12.60	59.92 3.46 -6.07	60.38 3.15 -7.37	72.21 3.57 -13.66	68.57 3.51 -8.94	76.79 3.88 -7.82	77.59 3.96 -7.60	64.55 2.79 -13.07	60.33 2.43 -16.07	55.79 2.38 -11.91
WEST CANADA___HYD 24049	39.73 -0.13 0.00	42.49 -0.17 0.00	43.38 -0.19 0.00	51.30 -0.20 0.00	44.90 -0.19 0.00	40.75 -0.15 0.00	49.35 -0.15 0.00	49.02 -0.05 0.00	63.60 -0.06 0.00	60.01 0.02 0.00	48.40 0.09 0.00	55.28 0.07 0.00	50.87 0.05 0.00	49.09 0.06 0.00	46.22 0.10 0.00	50.52 0.13 0.00	49.98 0.13 0.00	55.17 0.18 0.00	56.35 0.22 0.00	65.29 0.20 0.00	66.17 0.13 0.00	48.74 0.05 0.00	41.86 0.03 0.00	41.45 -0.04 0.00
WESTERN_NY_WIND 24143	39.28 -0.57 0.00	41.86 -0.81 0.00	42.73 -0.84 0.00	50.53 -0.98 0.00	44.22 -0.87 0.00	39.81 -1.09 0.00	47.98 -1.51 0.00	47.76 -1.29 0.00	61.70 -1.96 0.00	57.57 -2.30 0.12	45.59 -2.72 0.00	52.14 -3.07 0.00	48.20 -2.62 0.00	45.83 -3.20 0.00	42.61 -3.49 0.02	46.58 -3.81 0.00	45.54 -3.49 0.82	49.41 -3.94 1.64	52.69 -3.43 0.00	55.24 -3.79 6.06	52.91 -3.43 9.69	38.22 -2.38 8.10	33.40 -1.72 6.72	34.71 -1.12 5.66
WESTOVER___LESR 323668	40.17 0.31 0.00	42.79 0.13 0.00	43.81 0.24 0.00	51.81 0.30 0.00	45.31 0.23 0.00	40.94 0.04 0.00	49.59 0.09 0.00	49.36 0.30 0.00	63.97 0.31 0.00	60.27 0.28 0.00	48.67 0.36 0.00	55.72 0.51 0.00	51.16 0.35 0.00	49.29 0.26 0.00	46.35 0.22 0.00	50.53 0.14 0.00	49.93 0.08 0.00	55.03 0.04 0.00	56.31 0.18 0.00	65.21 0.12 0.00	66.17 0.14 0.00	48.77 0.08 0.00	41.95 0.12 0.00	41.65 0.16 0.00
WETHRSFD_WT_PWR 323626	39.05 -0.81 0.00	41.54 -1.13 0.00	42.52 -1.05 0.00	50.28 -1.23 0.00	43.95 -1.15 0.00	39.40 -1.50 0.00	47.40 -2.09 0.00	47.12 -1.94 0.00	60.49 -3.17 0.00	55.51 -3.42 1.06	45.39 -2.92 0.00	51.99 -3.22 0.00	47.83 -2.99 0.00	45.68 -3.36 0.00	42.38 -3.55 0.19	46.48 -3.91 0.00	39.08 -3.87 6.91	36.83 -4.39 13.77	51.87 -4.25 0.00	9.30 -4.99 50.81	-20.11 -4.90 81.25	-22.84 -3.64 67.88	-17.80 -3.33 56.30	-9.04 -3.08 47.45
WHAVSTOR_138KV_BK127 55557	40.40 0.54 0.00	43.07 0.40 0.00	43.96 0.39 0.00	52.02 0.51 0.00	45.47 0.38 0.00	41.27 0.37 0.00	50.20 0.70 0.00	50.29 1.22 0.00	65.37 1.71 0.00	62.10 2.11 0.00	50.36 2.05 0.00	57.55 2.33 0.00	53.02 2.20 0.00	51.33 2.30 0.00	48.37 2.25 0.00	52.71 2.32 0.00	52.02 2.16 0.00	57.53 2.54 0.00	58.60 2.47 0.00	67.92 2.83 0.00	68.64 2.60 0.00	50.41 1.73 0.00	43.27 1.44 0.00	42.71 1.22 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.40 0.54 0.00	43.07 0.40 0.00	43.96 0.39 0.00	52.02 0.51 0.00	45.47 0.38 0.00	41.27 0.37 0.00	50.20 0.70 0.00	50.29 1.22 0.00	65.37 1.71 0.00	62.10 2.11 0.00	50.36 2.05 0.00	57.55 2.33 0.00	53.02 2.20 0.00	51.33 2.30 0.00	48.37 2.25 0.00	52.71 2.32 0.00	52.02 2.16 0.00	57.53 2.54 0.00	58.60 2.47 0.00	67.92 2.83 0.00	68.64 2.60 0.00	50.41 1.73 0.00	43.27 1.44 0.00	42.71 1.22 0.00
WHITEHAL_115KV_TB1 80871	42.05 2.19 0.00	45.07 2.41 0.00	46.00 2.43 0.00	54.21 2.71 0.00	47.58 2.49 0.00	43.49 2.59 0.00	52.23 2.73 0.00	51.67 2.61 0.00	66.72 3.07 0.00	62.94 2.95 0.00	50.67 2.36 0.00	58.04 2.83 0.00	54.03 3.21 0.00	52.36 3.33 0.00	49.65 3.52 0.00	54.42 4.02 0.00	53.99 4.14 0.00	59.96 4.98 0.00	60.95 4.82 0.00	70.20 5.11 0.00	71.02 4.98 0.00	52.03 3.34 0.00	44.55 2.71 0.00	44.53 3.04 0.00
WHITEPLN_13_KV_LOAD 356215	41.12 1.27 0.00	43.80 1.13 0.00	44.60 1.03 0.00	52.76 1.25 0.00	46.12 1.03 0.00	41.92 1.02 0.00	51.05 1.55 0.00	51.27 2.21 0.00	66.69 3.04 0.00	63.47 3.48 0.00	51.48 3.17 0.00	58.81 3.60 0.00	54.19 3.37 0.00	52.49 3.46 0.00	49.45 3.33 0.00	53.92 3.53 0.00	53.23 3.38 0.00	58.84 3.85 0.00	59.91 3.78 0.00	69.42 4.33 0.00	70.16 4.12 0.00	51.49 2.80 0.00	44.16 2.33 0.00	43.54 2.05 0.00
WM_FLOYD_69_KV_BK2 356380	38.43 0.78 2.21	42.16 0.53 1.04	43.79 0.30 0.07	51.71 0.21 0.00	45.10 0.02 0.00	39.31 -0.11 1.48	48.97 -0.34 0.18	48.96 0.33 0.43	62.37 1.07 2.36	56.10 1.42 5.30	53.08 1.84 -2.94	56.77 1.88 0.32	54.80 1.97 -2.01	54.70 2.27 -3.39	52.54 2.38 -4.04	54.49 2.47 -1.62	54.04 2.08 -2.11	62.23 2.35 -4.89	61.80 2.29 -3.38	70.16 2.65 -2.42	71.23 2.58 -2.62	55.59 1.79 -5.11	49.64 1.50 -6.31	47.11 1.49 -4.13
WOODARD__115KV_TB2 355635	39.56 -0.31 0.00	42.22 -0.44 0.00	43.13 -0.44 0.00	51.01 -0.50 0.00	44.67 -0.43 0.00	40.55 -0.35 0.00	49.14 -0.35 0.00	48.85 -0.20 0.00	63.29 -0.36 0.00	59.48 -0.51 0.00	47.86 -0.45 0.00	54.74 -0.48 0.00	50.34 -0.48 0.00	48.51 -0.52 0.00	45.58 -0.54 0.00	49.81 -0.58 0.00	49.33 -0.53 0.00	54.39 -0.60 0.00	55.58 -0.55 0.00	64.53 -0.56 0.00	65.54 -0.50 0.00	48.30 -0.39 0.00	41.47 -0.36 0.00	41.12 -0.37 0.00
YORK___WARBASSE 23770	56.21 1.35 -15.01	55.96 1.19 -12.10	55.05 1.09 -10.39	55.13 1.33 -2.30	55.08 1.09 -8.91	55.77 1.08 -13.80	56.93 1.62 -5.81	57.54 2.38 -6.10	78.91 3.11 -12.14	91.52 3.63 -27.90	99.20 3.16 -47.73	101.47 3.57 -42.69	99.92 3.33 -45.76	98.81 3.53 -46.24	100.29 3.33 -50.83	99.02 3.56 -45.07	101.47 3.40 -48.22	99.00 3.83 -40.18	98.87 3.85 -38.90	99.00 4.46 -29.46	98.94 4.28 -28.62	98.90 2.85 -47.36	94.90 2.34 -50.72	57.41 2.12 -13.80