

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/23/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	52.12	48.47	45.53	51.04	43.05	37.25	39.31	48.27	40.41	46.54	59.06	65.22	65.43	74.42	66.68	69.53	57.19	72.12	68.13	46.99	56.46	45.29	43.75	46.15
24138	2.86	2.67	2.26	2.61	2.18	2.02	2.21	2.38	2.31	2.56	3.42	3.94	4.07	4.22	3.64	3.59	3.01	3.53	3.34	2.63	3.09	2.75	2.51	2.45
	0.00	0.00	-2.42	0.00	0.00	0.00	-0.31	-8.30	-0.01	0.00	0.00	-0.05	-0.46	-0.59	-0.26	0.00	-2.67	-10.39	-11.89	-2.31	-5.49	-0.01	0.00	0.00
74TH STREET_GT_1	52.16	48.51	45.57	51.08	43.09	37.29	39.34	48.30	40.43	46.58	59.09	65.26	65.49	74.47	66.73	69.60	57.24	72.18	68.21	47.06	56.52	45.35	43.80	46.20
24260	2.91	2.71	2.30	2.65	2.21	2.05	2.24	2.41	2.34	2.60	3.45	3.98	4.13	4.27	3.69	3.66	3.06	3.59	3.43	2.71	3.15	2.80	2.57	2.50
	0.00	0.00	-2.42	0.00	0.00	0.00	-0.31	-8.30	-0.01	0.00	0.00	-0.05	-0.46	-0.59	-0.26	0.00	-2.67	-10.39	-11.90	-2.31	-5.49	-0.01	0.00	0.00
74TH STREET_GT_2	52.16	48.51	45.57	51.08	43.09	37.29	39.34	48.30	40.43	46.58	59.09	65.26	65.49	74.47	66.73	69.60	57.24	72.18	68.21	47.06	56.52	45.35	43.80	46.20
24261	2.91	2.71	2.30	2.65	2.21	2.05	2.24	2.41	2.34	2.60	3.45	3.98	4.13	4.27	3.69	3.66	3.06	3.59	3.43	2.71	3.15	2.80	2.57	2.50
	0.00	0.00	-2.42	0.00	0.00	0.00	-0.31	-8.30	-0.01	0.00	0.00	-0.05	-0.46	-0.59	-0.26	0.00	-2.67	-10.39	-11.90	-2.31	-5.49	-0.01	0.00	0.00
ADK HUDSON___FALLS	53.05	49.24	47.02	52.04	43.97	37.92	40.13	51.37	41.28	47.67	60.54	66.72	66.75	75.98	68.27	71.46	59.35	76.50	72.54	48.50	58.84	45.94	44.45	47.04
24011	3.80	3.44	3.06	3.61	3.09	2.68	2.94	3.10	3.19	3.68	4.90	5.42	5.26	5.61	5.15	5.52	4.41	4.93	4.34	3.49	3.89	3.40	3.21	3.35
	0.00	0.00	-3.11	-0.01	0.00	0.00	-0.40	-10.68	-0.01	0.00	0.00	-0.06	-0.59	-0.76	-0.34	0.00	-3.44	-13.37	-15.31	-2.97	-7.06	-0.01	0.00	0.00
ADK RESOURCE___RCVRY	53.51	49.54	47.30	52.36	44.26	38.18	40.45	51.74	41.67	48.11	61.17	67.41	67.39	76.59	68.90	72.17	59.96	77.13	73.00	48.92	59.21	46.28	44.76	47.38
23798	4.26	3.75	3.33	3.93	3.38	2.94	3.27	3.46	3.57	4.13	5.53	6.11	5.90	6.22	5.79	6.23	5.01	5.55	4.79	3.90	4.26	3.73	3.52	3.69
	0.00	0.00	-3.11	-0.01	0.00	0.00	-0.40	-10.69	-0.01	0.00	0.00	-0.06	-0.59	-0.76	-0.34	0.00	-3.44	-13.38	-15.32	-2.97	-7.07	-0.01	0.00	0.00
ADK S GLENS___FALLS	53.05	49.24	47.02	52.04	43.97	37.92	40.13	51.37	41.28	47.67	60.54	66.72	66.75	75.98	68.27	71.46	59.35	76.50	72.54	48.50	58.84	45.94	44.45	47.04
24028	3.80	3.44	3.06	3.61	3.09	2.68	2.94	3.10	3.19	3.68	4.90	5.42	5.26	5.61	5.15	5.52	4.41	4.93	4.34	3.49	3.89	3.40	3.21	3.35
	0.00	0.00	-3.11	-0.01	0.00	0.00	-0.40	-10.68	-0.01	0.00	0.00	-0.06	-0.59	-0.76	-0.34	0.00	-3.44	-13.37	-15.31	-2.97	-7.06	-0.01	0.00	0.00
ADK_NYS___DAM	51.59	48.23	46.09	51.03	43.04	37.04	39.10	49.92	40.05	46.19	58.38	64.39	64.58	73.80	66.18	69.13	57.30	74.14	70.46	47.10	57.25	44.79	43.32	45.89
23527	2.34	2.44	2.21	2.60	2.16	1.80	1.92	1.94	1.95	2.21	2.74	3.10	3.10	3.44	3.07	3.20	2.45	2.93	2.69	2.17	2.50	2.24	2.08	2.20
	0.00	0.00	-3.02	-0.01	0.00	0.00	-0.39	-10.39	-0.01	0.00	0.00	-0.06	-0.58	-0.74	-0.33	0.00	-3.34	-13.00	-14.89	-2.89	-6.87	-0.01	0.00	0.00
AIR_PRODUCTS___DRP	50.02	46.75	44.71	49.46	41.77	36.05	38.01	48.67	38.92	44.84	56.69	62.47	62.64	71.56	64.17	67.03	55.75	72.10	68.66	45.83	55.67	43.46	42.06	44.51
24190	0.77	0.95	0.87	1.02	0.89	0.80	0.84	0.80	0.83	0.86	1.05	1.19	1.18	1.22	1.07	1.09	0.94	1.03	1.05	0.92	1.00	0.92	0.82	0.82
	0.00	0.00	-2.99	0.00	0.00	0.00	-0.39	-10.27	-0.01	0.00	0.00	-0.06	-0.57	-0.73	-0.32	0.00	-3.31	-12.86	-14.72	-2.86	-6.80	-0.01	0.00	0.00
AKWESSNE_115KV_BK	49.51	45.13	41.10	49.12	41.44	35.60	36.95	38.19	38.89	45.46	57.33	62.87	62.69	70.89	63.81	67.20	52.40	59.41	53.84	43.00	48.67	43.71	42.54	45.67
355683	0.26	-0.67	0.24	0.70	0.56	0.36	0.16	0.60	0.80	1.48	1.69	1.64	1.79	1.28	1.03	1.26	0.90	1.20	0.95	0.95	0.79	1.18	1.30	1.98
	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	50.97	47.54	45.37	50.34	42.49	36.61	38.62	49.13	39.57	45.59	57.70	63.47	63.52	72.65	65.24	68.19	56.58	72.92	69.33	46.48	56.39	44.18	42.76	45.27
323833	1.71	1.74	1.58	1.90	1.62	1.37	1.46	1.45	1.47	1.60	2.07	2.18	2.07	2.32	2.14	2.25	1.83	2.10	1.99	1.63	1.84	1.63	1.52	1.57
	0.00	0.00	-2.94	0.00	0.00	0.00	-0.38	-10.09	-0.01	0.00	0.00	-0.06	-0.56	-0.72	-0.32	0.00	-3.25	-12.62	-14.45	-2.80	-6.67	-0.01	0.00	0.00
ALBANY_2_SOLAR	50.94	47.52	45.37	50.31	42.48	36.60	38.61	49.11	39.55	45.57	57.70	63.44	63.52	72.62	65.23	68.15	56.55	72.90	69.32	46.48	56.37	44.17	42.75	45.25
323834	1.69	1.72	1.57	1.88	1.60	1.36	1.45	1.43	1.46	1.59	2.07	2.15	2.06	2.30	2.13	2.21	1.80	2.07	1.98	1.63	1.82	1.62	1.51	1.56
	0.00	0.00	-2.94	0.00	0.00	0.00	-0.38	-10.09	-0.01	0.00	0.00	-0.06	-0.56	-0.72	-0.32	0.00	-3.25	-12.63	-14.46	-2.80	-6.67	-0.01	0.00	0.00
ALBANY___1	50.02	46.75	44.71	49.46	41.77	36.05	38.01	48.67	38.92	44.84	56.69	62.47	62.64	71.56	64.17	67.03	55.75	72.10	68.66	45.83	55.67	43.46	42.06	44.51
23571	0.77	0.95	0.87	1.02	0.89	0.80	0.84	0.80	0.83	0.86	1.05	1.19	1.18	1.22	1.07	1.09	0.94	1.03	1.05	0.92	1.00	0.92	0.82	0.82
	0.00	0.00	-2.99	0.00	0.00	0.00	-0.39	-10.27	-0.01	0.00	0.00	-0.06	-0.57	-0.73	-0.32	0.00	-3.31	-12.86	-14.72	-2.86	-6.80	-0.01	0.00	0.00

ALBANY___2 23572	50.02 0.77 0.00	46.75 0.95 0.00	44.71 0.87 -2.99	49.46 1.02 0.00	41.77 0.89 0.00	36.05 0.80 0.00	38.01 0.84 -0.39	48.67 0.80 -10.27	38.92 0.83 -0.01	44.84 0.86 0.00	56.69 1.05 0.00	62.47 1.19 -0.06	62.64 1.18 -0.57	71.56 1.22 -0.73	64.17 1.07 -0.32	67.03 1.09 0.00	55.75 0.94 -3.31	72.10 1.03 -12.86	68.66 1.05 -14.72	45.83 0.92 -2.86	55.67 1.00 -6.80	43.46 0.92 -0.01	42.06 0.82 0.00	44.51 0.82 0.00
ALBANY___3 23573	50.02 0.77 0.00	46.75 0.95 0.00	44.71 0.87 -2.99	49.46 1.02 0.00	41.77 0.89 0.00	36.05 0.80 0.00	38.01 0.84 -0.39	48.67 0.80 -10.27	38.92 0.83 -0.01	44.84 0.86 0.00	56.69 1.05 0.00	62.47 1.19 -0.06	62.64 1.18 -0.57	71.56 1.22 -0.73	64.17 1.07 -0.32	67.03 1.09 0.00	55.75 0.94 -3.31	72.10 1.03 -12.86	68.66 1.05 -14.72	45.83 0.92 -2.86	55.67 1.00 -6.80	43.46 0.92 -0.01	42.06 0.82 0.00	44.51 0.82 0.00
ALBANY___4 23574	50.02 0.77 0.00	46.75 0.95 0.00	44.71 0.87 -2.99	49.46 1.02 0.00	41.77 0.89 0.00	36.05 0.80 0.00	38.01 0.84 -0.39	48.67 0.80 -10.27	38.92 0.83 -0.01	44.84 0.86 0.00	56.69 1.05 0.00	62.47 1.19 -0.06	62.64 1.18 -0.57	71.56 1.22 -0.73	64.17 1.07 -0.32	67.03 1.09 0.00	55.75 0.94 -3.31	72.10 1.03 -12.86	68.66 1.05 -14.72	45.83 0.92 -2.86	55.67 1.00 -6.80	43.46 0.92 -0.01	42.06 0.82 0.00	44.51 0.82 0.00
ALBANY___LFGE 323615	50.50 1.25 0.00	47.18 1.38 0.00	45.09 1.23 -3.01	49.89 1.45 0.00	42.14 1.26 0.00	36.35 1.12 0.00	38.35 1.18 -0.39	49.06 1.15 -10.32	39.28 1.18 -0.01	45.25 1.26 0.00	57.26 1.62 0.00	63.10 1.81 -0.06	63.29 1.82 -0.57	72.26 1.92 -0.73	64.82 1.72 -0.33	67.72 1.78 0.00	56.30 1.48 -3.32	72.79 1.67 -12.92	69.29 1.61 -14.79	46.28 1.37 -2.87	56.21 1.50 -6.83	43.88 1.33 -0.01	42.44 1.20 0.00	44.91 1.22 0.00
ALCOA_PA_115KV_PL-6C 55860	49.87 0.62 0.00	45.45 -0.34 0.00	41.38 0.52 0.00	49.46 1.03 0.00	41.72 0.84 0.00	35.82 0.58 0.00	37.14 0.35 0.00	38.37 0.78 0.00	39.08 0.99 0.00	45.72 1.73 0.00	57.67 2.03 0.00	63.21 1.98 0.00	63.04 2.14 0.00	71.32 1.70 0.00	64.18 1.40 0.00	67.56 1.62 0.00	52.66 1.15 0.00	59.68 1.48 0.00	54.10 1.21 0.00	43.18 1.13 0.00	48.93 1.05 0.00	43.93 1.39 0.00	42.80 1.56 0.00	45.97 2.27 0.00
ALCOA_RYNLDS___DRP 24188	49.87 0.62 0.00	45.45 -0.34 0.00	41.38 0.52 0.00	49.46 1.03 0.00	41.72 0.84 0.00	35.82 0.58 0.00	37.14 0.35 0.00	38.37 0.78 0.00	39.08 0.99 0.00	45.72 1.73 0.00	57.67 2.03 0.00	63.21 1.98 0.00	63.04 2.14 0.00	71.32 1.70 0.00	64.18 1.40 0.00	67.56 1.62 0.00	52.66 1.15 0.00	59.68 1.48 0.00	54.10 1.21 0.00	43.18 1.13 0.00	48.93 1.05 0.00	43.93 1.39 0.00	42.80 1.56 0.00	45.97 2.27 0.00
ALCOA___DSASP 323711	49.87 0.62 0.00	45.45 -0.34 0.00	41.38 0.52 0.00	49.46 1.03 0.00	41.72 0.84 0.00	35.82 0.58 0.00	37.14 0.35 0.00	38.37 0.78 0.00	39.08 0.99 0.00	45.72 1.73 0.00	57.67 2.03 0.00	63.21 1.98 0.00	63.04 2.14 0.00	71.32 1.70 0.00	64.18 1.40 0.00	67.56 1.62 0.00	52.66 1.15 0.00	59.68 1.48 0.00	54.10 1.21 0.00	43.18 1.13 0.00	48.93 1.05 0.00	43.93 1.39 0.00	42.80 1.56 0.00	45.97 2.27 0.00
ALLEGHENY___COGEN 23514	50.87 1.62 0.00	46.72 0.92 0.00	41.50 0.20 -0.44	48.45 0.02 0.00	41.00 0.12 0.00	35.29 0.04 0.00	36.94 0.10 -0.06	40.57 1.00 -1.98	39.30 1.21 0.00	45.58 1.60 0.00	56.58 0.94 0.00	61.20 -0.04 -0.01	58.81 -2.19 -0.10	67.30 -2.42 -0.11	61.18 -1.65 -0.05	65.01 -0.93 0.00	51.28 -0.72 -0.49	59.98 -0.13 -1.90	53.14 -0.30 -0.54	42.61 0.13 -0.42	48.78 -0.11 -1.01	42.56 0.02 0.00	41.50 0.26 0.00	44.20 0.50 0.00
ALTAMONT_115KV_TB 2 55880	50.25 0.99 0.00	46.87 1.08 0.00	44.81 0.99 -2.97	49.62 1.19 0.00	41.86 0.98 0.00	36.06 0.82 0.00	38.04 0.87 -0.38	48.68 0.88 -10.21	38.97 0.88 -0.01	44.93 0.94 0.00	56.87 1.23 0.00	62.67 1.38 -0.06	62.87 1.40 -0.57	71.77 1.43 -0.72	64.36 1.26 -0.32	67.23 1.29 0.00	55.83 1.04 -3.28	72.16 1.18 -12.78	68.71 1.19 -14.63	45.86 0.98 -2.84	55.77 1.14 -6.75	43.56 1.01 -0.01	42.16 0.92 0.00	44.62 0.93 0.00
ALTONA_WT_PWR 323606	50.13 0.88 0.00	45.76 -0.04 0.00	41.62 0.77 0.00	49.59 1.16 0.00	41.85 0.98 0.00	35.96 0.72 0.00	37.29 0.51 0.00	38.64 1.05 0.00	39.40 1.31 0.00	45.98 2.00 0.00	58.02 2.38 0.00	63.67 2.44 0.00	63.48 2.58 0.00	71.77 2.16 0.00	64.71 1.94 0.00	68.20 2.26 0.00	53.26 1.75 0.00	60.29 2.09 0.00	54.45 1.56 0.00	43.54 1.49 0.00	49.20 1.32 0.00	44.10 1.57 0.00	42.96 1.72 0.00	46.05 2.36 0.00
AMERICAN_REF_FUEL 24010	47.69 -1.56 0.00	43.75 -2.05 0.00	38.58 -2.65 -0.38	45.10 -3.33 0.00	38.23 -2.65 0.00	32.92 -2.32 0.00	34.39 -2.44 -0.05	35.83 -3.06 -1.30	35.06 -3.03 0.00	40.82 -3.17 0.00	50.97 -4.67 0.00	55.85 -5.39 -0.01	55.03 -5.94 -0.07	63.15 -6.55 -0.09	56.93 -5.88 -0.04	60.32 -5.62 0.00	46.93 -4.99 -0.42	54.32 -5.51 -1.63	48.85 -5.13 -1.08	38.89 -3.52 -0.36	44.54 -4.20 -0.86	39.41 -3.13 0.00	39.02 -2.22 0.00	42.00 -1.69 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.13 -1.12 0.00	44.02 -1.77 0.00	38.89 -2.40 -0.43	45.03 -3.40 0.00	37.93 -2.95 0.00	32.26 -2.98 0.00	33.96 -2.88 -0.06	36.41 -2.69 -1.52	35.54 -2.55 0.00	40.74 -3.24 0.00	50.70 -4.94 0.00	55.27 -5.97 -0.01	54.28 -6.70 -0.08	62.27 -7.45 -0.11	56.06 -6.76 -0.05	59.60 -6.34 0.00	46.96 -5.02 -0.48	55.09 -4.98 -1.87	49.17 -4.83 -1.11	39.76 -2.70 -0.42	45.89 -2.98 -0.99	39.49 -3.05 0.00	38.76 -2.48 0.00	42.01 -1.68 0.00
ARTHUR KILL_GT_1 23520	51.77 2.52 0.00	48.17 2.38 0.00	45.27 2.00 -2.42	50.74 2.30 0.00	42.81 1.93 0.00	37.05 1.82 0.00	39.09 2.00 -0.31	48.07 2.17 -8.30	40.14 2.05 -0.01	46.20 2.22 0.00	58.50 2.86 0.00	64.65 3.37 -0.05	64.85 3.49 -0.46	73.77 3.57 -0.59	66.06 3.02 -0.26	68.96 3.03 0.00	56.80 2.62 -2.67	71.69 3.10 -10.39	67.84 3.05 -11.90	46.72 2.37 -2.31	56.20 2.83 -5.49	45.06 2.51 -0.01	43.49 2.25 0.00	45.85 2.16 0.00
ARTHUR_KILL_2 23512	51.63 2.38 0.00	48.04 2.24 0.00	45.17 1.90 -2.42	50.61 2.18 0.00	42.69 1.81 0.00	36.96 1.72 0.00	38.99 1.89 -0.31	47.96 2.07 -8.30	40.04 1.94 -0.01	46.08 2.10 0.00	58.36 2.72 0.00	64.49 3.21 -0.05	64.69 3.33 -0.46	73.58 3.38 -0.59	65.90 2.86 -0.26	68.77 2.84 0.00	56.65 2.47 -2.67	71.51 2.92 -10.39	67.67 2.88 -11.90	46.60 2.24 -2.31	56.05 2.68 -5.49	44.93 2.38 -0.01	43.37 2.13 0.00	45.73 2.04 0.00
ARTHUR_KILL_3 23513	51.71 2.46 0.00	48.09 2.30 0.00	45.21 1.94 -2.42	50.66 2.23 0.00	42.75 1.87 0.00	36.99 1.75 0.00	39.03 1.93 -0.31	47.99 2.09 -8.30	40.10 2.01 -0.01	46.17 2.18 0.00	58.55 2.91 0.00	64.65 3.37 -0.05	64.87 3.52 -0.46	73.79 3.59 -0.59	66.12 3.09 -0.26	68.95 3.02 0.00	56.74 2.56 -2.67	71.61 3.02 -10.39	67.70 2.91 -11.90	46.65 2.29 -2.31	56.07 2.70 -5.49	44.94 2.39 -0.01	43.41 2.17 0.00	45.80 2.10 0.00

ARTHUR_KILL_COGEN 323718	51.77 2.52 0.00	48.17 2.37 0.00	45.27 2.00 -2.42	50.74 2.31 0.00	42.81 1.93 0.00	37.05 1.82 0.00	39.09 2.00 -0.31	48.07 2.17 -8.30	40.14 2.05 -0.01	46.20 2.22 0.00	58.50 2.85 0.00	64.64 3.36 -0.05	64.84 3.49 -0.46	73.78 3.58 -0.59	66.06 3.03 -0.26	68.96 3.03 0.00	56.80 2.62 -2.67	71.69 3.10 -10.39	67.84 3.05 -11.90	46.73 2.37 -2.31	56.20 2.83 -5.49	45.06 2.52 -0.01	43.49 2.25 0.00	45.85 2.16 0.00
ASHOKAN____ 23654	51.77 2.52 0.00	48.24 2.44 0.00	45.60 2.01 -2.73	50.93 2.50 0.00	42.97 2.09 0.00	37.12 1.88 0.00	39.18 2.05 -0.35	48.94 1.96 -9.38	40.34 2.25 -0.01	46.48 2.49 0.00	58.96 3.32 0.00	65.12 3.84 -0.06	64.90 3.48 -0.52	74.47 4.19 -0.67	66.78 3.71 -0.30	70.03 4.09 0.00	57.84 3.32 -3.02	73.87 3.93 -11.74	69.95 3.62 -13.44	47.37 2.71 -2.61	57.16 3.08 -6.20	45.28 2.73 -0.01	43.67 2.43 0.00	46.03 2.34 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.86 2.61 0.00	48.22 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.02 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.09 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.66 3.07 -10.39	67.79 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.56 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.84 2.59 0.00	48.20 2.40 0.00	45.30 2.03 -2.42	50.77 2.34 0.00	42.84 1.96 0.00	37.06 1.82 0.00	39.10 2.01 -0.31	48.06 2.16 -8.30	40.18 2.09 -0.01	46.27 2.28 0.00	58.70 3.06 0.00	64.81 3.53 -0.05	65.05 3.68 -0.46	73.95 3.75 -0.59	66.18 3.14 -0.26	68.99 3.05 0.00	56.77 2.60 -2.67	71.63 3.04 -10.39	67.77 2.98 -11.90	46.66 2.30 -2.31	56.12 2.75 -5.49	45.08 2.54 -0.01	43.54 2.30 0.00	45.88 2.19 0.00
ASTORIA_GT2_1 24094	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT2_2 24095	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT2_3 24096	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT2_4 24097	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT3_1 24098	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT3_2 24099	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT3_3 24100	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT3_4 24101	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT4_1 24102	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT4_2 24103	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT4_3 24104	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00

ASTORIA_GT4_4 24105	51.86 2.61 0.00	48.23 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.03 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.08 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.67 3.07 -10.39	67.80 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.55 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA_GT_1 23523	51.95 2.70 0.00	48.31 2.51 0.00	45.39 2.11 -2.42	50.87 2.44 0.00	42.93 2.04 0.00	37.13 1.89 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.27 2.18 -0.01	46.38 2.39 0.00	58.82 3.18 0.00	64.96 3.68 -0.05	65.20 3.84 -0.46	74.12 3.91 -0.59	66.32 3.28 -0.26	69.15 3.21 0.00	56.89 2.72 -2.67	71.78 3.19 -10.39	67.90 3.11 -11.90	46.77 2.41 -2.31	56.25 2.88 -5.49	45.18 2.64 -0.01	43.64 2.40 0.00	45.99 2.30 0.00
ASTORIA_GT_10 24110	51.92 2.67 0.00	48.30 2.50 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.15 3.79 -0.46	74.06 3.86 -0.59	66.35 3.30 -0.26	69.14 3.20 0.00	56.91 2.74 -2.67	71.76 3.17 -10.39	67.86 3.07 -11.90	46.76 2.40 -2.31	56.22 2.85 -5.49	45.12 2.57 -0.01	43.61 2.37 0.00	45.98 2.28 0.00
ASTORIA_GT_11 24225	51.92 2.67 0.00	48.30 2.50 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.15 3.79 -0.46	74.06 3.86 -0.59	66.35 3.30 -0.26	69.14 3.20 0.00	56.91 2.74 -2.67	71.76 3.17 -10.39	67.86 3.07 -11.90	46.76 2.40 -2.31	56.22 2.85 -5.49	45.12 2.57 -0.01	43.61 2.37 0.00	45.98 2.28 0.00
ASTORIA_GT_12 24226	51.92 2.67 0.00	48.30 2.50 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.15 3.79 -0.46	74.06 3.86 -0.59	66.35 3.30 -0.26	69.14 3.20 0.00	56.91 2.74 -2.67	71.76 3.17 -10.39	67.86 3.07 -11.90	46.76 2.40 -2.31	56.22 2.85 -5.49	45.12 2.57 -0.01	43.61 2.37 0.00	45.98 2.28 0.00
ASTORIA_GT_13 24227	51.92 2.67 0.00	48.30 2.50 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.15 3.79 -0.46	74.06 3.86 -0.59	66.35 3.30 -0.26	69.14 3.20 0.00	56.91 2.74 -2.67	71.76 3.17 -10.39	67.86 3.07 -11.90	46.76 2.40 -2.31	56.22 2.85 -5.49	45.12 2.57 -0.01	43.61 2.37 0.00	45.98 2.28 0.00
ASTORIA_GT_5 24106	51.95 2.70 0.00	48.31 2.51 0.00	45.39 2.11 -2.42	50.87 2.44 0.00	42.93 2.04 0.00	37.13 1.89 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.27 2.18 -0.01	46.38 2.39 0.00	58.82 3.18 0.00	64.96 3.68 -0.05	65.20 3.84 -0.46	74.12 3.91 -0.59	66.32 3.28 -0.26	69.15 3.21 0.00	56.89 2.72 -2.67	71.78 3.19 -10.39	67.90 3.11 -11.90	46.77 2.41 -2.31	56.25 2.88 -5.49	45.18 2.64 -0.01	43.64 2.40 0.00	45.99 2.30 0.00
ASTORIA_GT_7 24107	51.95 2.70 0.00	48.31 2.51 0.00	45.39 2.11 -2.42	50.87 2.44 0.00	42.93 2.04 0.00	37.13 1.89 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.27 2.18 -0.01	46.38 2.39 0.00	58.82 3.18 0.00	64.96 3.68 -0.05	65.20 3.84 -0.46	74.12 3.91 -0.59	66.32 3.28 -0.26	69.15 3.21 0.00	56.89 2.72 -2.67	71.78 3.19 -10.39	67.90 3.11 -11.90	46.77 2.41 -2.31	56.25 2.88 -5.49	45.18 2.64 -0.01	43.64 2.40 0.00	45.99 2.30 0.00
ASTORIA_GT_8 24108	51.95 2.70 0.00	48.31 2.51 0.00	45.39 2.11 -2.42	50.87 2.44 0.00	42.93 2.04 0.00	37.13 1.89 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.27 2.18 -0.01	46.38 2.39 0.00	58.82 3.18 0.00	64.96 3.68 -0.05	65.20 3.84 -0.46	74.12 3.91 -0.59	66.32 3.28 -0.26	69.15 3.21 0.00	56.89 2.72 -2.67	71.78 3.19 -10.39	67.90 3.11 -11.90	46.77 2.41 -2.31	56.25 2.88 -5.49	45.18 2.64 -0.01	43.64 2.40 0.00	45.99 2.30 0.00
ASTORIA___2 24149	51.86 2.61 0.00	48.22 2.43 0.00	45.32 2.05 -2.42	50.79 2.36 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.12 2.02 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.29 2.31 0.00	58.71 3.07 0.00	64.85 3.57 -0.05	65.09 3.72 -0.46	73.99 3.79 -0.59	66.22 3.18 -0.26	69.02 3.08 0.00	56.79 2.62 -2.67	71.66 3.07 -10.39	67.79 3.01 -11.90	46.69 2.33 -2.31	56.15 2.78 -5.49	45.10 2.56 -0.01	43.55 2.31 0.00	45.91 2.22 0.00
ASTORIA___3 23516	51.92 2.67 0.00	48.29 2.50 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.16 3.80 -0.46	74.06 3.85 -0.59	66.34 3.30 -0.26	69.14 3.20 0.00	56.91 2.73 -2.67	71.76 3.16 -10.39	67.86 3.08 -11.90	46.76 2.41 -2.31	56.22 2.85 -5.49	45.12 2.58 -0.01	43.61 2.37 0.00	45.97 2.28 0.00
ASTORIA___4 23517	51.92 2.67 0.00	48.30 2.50 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.15 3.79 -0.46	74.06 3.86 -0.59	66.35 3.30 -0.26	69.14 3.20 0.00	56.91 2.74 -2.67	71.76 3.17 -10.39	67.86 3.07 -11.90	46.76 2.40 -2.31	56.22 2.85 -5.49	45.12 2.57 -0.01	43.61 2.37 0.00	45.98 2.28 0.00
ASTORIA___5 23518	51.92 2.67 0.00	48.29 2.50 0.00	45.38 2.11 -2.42	50.86 2.42 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.16 3.80 -0.46	74.06 3.85 -0.59	66.34 3.30 -0.26	69.14 3.20 0.00	56.91 2.73 -2.67	71.76 3.16 -10.39	67.86 3.08 -11.90	46.76 2.41 -2.31	56.22 2.85 -5.49	45.12 2.58 -0.01	43.61 2.37 0.00	45.97 2.28 0.00
AST_ENERGY_2_CC3 323677	51.27 2.02 0.00	47.68 1.89 0.00	44.84 1.57 -2.42	50.22 1.79 0.00	42.37 1.49 0.00	36.66 1.43 0.00	38.69 1.59 -0.31	47.64 1.75 -8.30	39.76 1.66 -0.01	45.78 1.80 0.00	58.08 2.44 0.00	64.14 2.86 -0.05	64.39 3.03 -0.46	73.19 2.99 -0.59	65.50 2.46 -0.26	68.26 2.33 0.00	56.22 2.04 -2.67	71.00 2.41 -10.39	67.19 2.40 -11.90	46.21 1.85 -2.31	55.59 2.22 -5.49	44.62 2.08 -0.01	43.10 1.86 0.00	45.39 1.70 0.00
AST_ENERGY_2_CC4 323678	51.27 2.02 0.00	47.68 1.89 0.00	44.84 1.57 -2.42	50.22 1.79 0.00	42.37 1.49 0.00	36.66 1.43 0.00	38.69 1.59 -0.31	47.64 1.75 -8.30	39.76 1.66 -0.01	45.78 1.80 0.00	58.08 2.44 0.00	64.14 2.86 -0.05	64.39 3.03 -0.46	73.19 2.99 -0.59	65.50 2.46 -0.26	68.26 2.33 0.00	56.22 2.04 -2.67	71.00 2.41 -10.39	67.19 2.40 -11.90	46.21 1.85 -2.31	55.59 2.22 -5.49	44.62 2.08 -0.01	43.10 1.86 0.00	45.39 1.70 0.00

ATHENS_STG_1 23668	50.58 1.33 0.00	47.17 1.37 0.00	44.75 1.23 -2.67	49.91 1.48 0.00	42.06 1.18 0.00	36.23 1.00 0.00	38.20 1.07 -0.34	47.89 1.13 -9.17	39.19 1.10 -0.01	45.16 1.17 0.00	57.22 1.58 0.00	63.09 1.81 -0.06	63.30 1.89 -0.51	72.17 1.90 -0.65	64.72 1.66 -0.29	67.58 1.64 0.00	55.77 1.32 -2.95	71.20 1.52 -11.47	67.57 1.54 -13.14	45.82 1.23 -2.55	55.40 1.46 -6.06	43.84 1.29 -0.01	42.41 1.17 0.00	44.85 1.16 0.00
ATHENS_STG_2 23670	50.58 1.33 0.00	47.17 1.37 0.00	44.75 1.23 -2.67	49.91 1.48 0.00	42.06 1.18 0.00	36.23 1.00 0.00	38.20 1.07 -0.34	47.89 1.13 -9.17	39.19 1.10 -0.01	45.16 1.17 0.00	57.22 1.58 0.00	63.09 1.81 -0.06	63.30 1.89 -0.51	72.17 1.90 -0.65	64.72 1.66 -0.29	67.58 1.64 0.00	55.77 1.32 -2.95	71.20 1.52 -11.47	67.57 1.54 -13.14	45.82 1.23 -2.55	55.40 1.46 -6.06	43.84 1.29 -0.01	42.41 1.17 0.00	44.85 1.16 0.00
ATHENS_STG_3 23677	50.58 1.33 0.00	47.17 1.37 0.00	44.75 1.23 -2.67	49.91 1.48 0.00	42.06 1.18 0.00	36.23 1.00 0.00	38.20 1.07 -0.34	47.89 1.13 -9.17	39.19 1.10 -0.01	45.16 1.17 0.00	57.22 1.58 0.00	63.09 1.81 -0.06	63.30 1.89 -0.51	72.17 1.90 -0.65	64.72 1.66 -0.29	67.58 1.64 0.00	55.77 1.32 -2.95	71.20 1.52 -11.47	67.57 1.54 -13.14	45.82 1.23 -2.55	55.40 1.46 -6.06	43.84 1.29 -0.01	42.41 1.17 0.00	44.85 1.16 0.00
AUBURN___LFGE 323710	49.10 -0.15 0.00	45.57 -0.23 0.00	40.83 -0.34 -0.31	47.79 -0.63 0.00	40.51 -0.37 0.00	34.98 -0.25 0.00	36.59 -0.24 -0.04	38.33 -0.32 -1.06	37.82 -0.26 0.00	43.59 -0.39 0.00	54.99 -0.65 0.00	60.67 -0.57 -0.01	60.27 -0.69 -0.06	69.16 -0.53 -0.08	62.38 -0.43 -0.03	65.64 -0.30 0.00	51.65 -0.20 -0.34	59.41 -0.13 -1.33	54.91 -0.27 -2.29	42.00 -0.34 -0.30	48.13 -0.45 -0.70	42.21 -0.33 0.00	40.97 -0.26 0.00	43.47 -0.23 0.00
BABYLON_RES_REC 323704	52.30 3.04 0.00	48.78 2.99 0.00	45.79 2.52 -2.42	51.38 2.95 0.00	43.43 2.55 0.00	37.68 2.44 0.00	39.54 2.45 -0.31	48.23 2.33 -8.30	40.33 2.24 -0.01	46.47 2.49 0.00	59.19 3.55 0.00	65.49 4.21 -0.05	66.07 4.67 -0.51	74.81 4.38 -0.82	67.10 3.87 -0.46	70.53 3.46 -1.13	57.77 2.89 -3.37	73.20 3.38 -11.62	69.06 3.18 -12.98	47.03 2.43 -2.55	56.47 3.10 -5.49	45.47 2.92 -0.01	44.09 2.85 0.00	46.45 2.76 0.00
BALL_HILL_WT_PWR 323825	48.30 -0.96 0.00	44.30 -1.50 0.00	39.21 -2.07 -0.42	45.66 -2.77 0.00	38.66 -2.22 0.00	33.11 -2.12 0.00	34.65 -2.19 -0.05	36.68 -2.37 -1.46	35.79 -2.29 0.00	41.40 -2.58 0.00	51.65 -3.99 0.00	56.44 -4.80 -0.01	55.51 -5.47 -0.08	63.68 -6.04 -0.10	57.38 -5.44 -0.05	60.78 -5.16 0.00	47.73 -4.24 -0.46	55.66 -4.35 -1.81	49.76 -4.24 -1.11	39.81 -2.64 -0.40	45.79 -3.04 -0.95	39.95 -2.59 0.00	39.29 -1.95 0.00	42.35 -1.34 0.00
BARON_WINDS___WT_PWR 323822	48.37 -0.88 0.00	44.45 -1.34 0.00	39.73 -1.69 -0.57	46.11 -2.32 0.00	39.02 -1.86 0.00	33.44 -1.80 0.00	34.82 -2.04 -0.07	37.40 -2.23 -2.04	35.92 -2.17 0.00	41.71 -2.27 0.00	52.16 -3.48 0.00	56.79 -4.45 -0.01	55.86 -5.15 -0.11	63.68 -6.07 -0.14	57.55 -5.29 -0.06	60.83 -5.11 0.00	48.11 -4.03 -0.63	56.48 -4.17 -2.45	49.70 -4.09 -0.89	39.63 -2.96 -0.54	45.69 -3.48 -1.29	39.53 -3.01 0.00	38.62 -2.62 0.00	41.26 -2.43 0.00
BARRETT_IC_1 23704	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_10 23701	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_11 23702	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_12 23703	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_2 23705	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_3 23706	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_4 23707	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_5 23708	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00

BARRETT_IC_6 23709	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_7 23710	51.88 2.63 0.00	48.35 2.55 0.00	45.41 2.14 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.09 2.10 0.00	58.78 3.14 0.00	64.88 3.60 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.17 -0.26	68.70 2.76 0.00	56.50 2.33 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.03 2.66 -5.49	45.00 2.46 -0.01	43.62 2.38 0.00	46.05 2.35 0.00
BARRETT_IC_8 23711	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT_IC_9 23700	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT___1 23545	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BARRETT___2 23546	51.88 2.63 0.00	48.34 2.55 0.00	45.41 2.13 -2.42	50.94 2.50 0.00	43.02 2.14 0.00	37.30 2.06 0.00	39.13 2.03 -0.31	47.84 1.95 -8.30	39.97 1.87 -0.01	46.08 2.10 0.00	58.78 3.14 0.00	64.89 3.61 -0.05	65.38 3.98 -0.51	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.50 2.32 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 2.00 -2.31	56.02 2.65 -5.49	45.01 2.47 -0.01	43.62 2.38 0.00	46.04 2.35 0.00
BATAVIA___115KV_TB1 55881	49.46 0.21 0.00	45.42 -0.38 0.00	40.12 -1.08 -0.34	46.95 -1.48 0.00	39.82 -1.06 0.00	34.30 -0.94 0.00	35.88 -0.95 -0.04	37.44 -1.32 -1.17	36.86 -1.23 0.00	42.92 -1.07 0.00	53.64 -2.00 0.00	58.69 -2.55 -0.01	57.94 -3.02 -0.07	66.43 -3.27 -0.08	60.00 -2.81 -0.04	63.44 -2.50 0.00	49.80 -2.09 -0.38	57.53 -2.15 -1.48	51.82 -2.12 -1.05	41.15 -1.23 -0.33	47.01 -1.65 -0.78	41.46 -1.08 0.00	40.76 -0.48 0.00	43.67 -0.02 0.00
BAYONEEC___CTG1 323682	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BAYONEEC___CTG10 323750	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BAYONEEC___CTG2 323683	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BAYONEEC___CTG3 323684	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BAYONEEC___CTG4 323685	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BAYONEEC___CTG5 323686	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BAYONEEC___CTG6 323687	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BAYONEEC___CTG7 323688	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00

BAYONEEC___CTG8 323689	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BAYONEEC___CTG9 323749	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.05 -2.42	50.80 2.37 0.00	42.85 1.97 0.00	37.09 1.85 0.00	39.12 2.02 -0.31	48.08 2.19 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.87 3.59 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.13 3.20 0.00	56.88 2.70 -2.67	71.79 3.20 -10.39	67.85 3.07 -11.90	46.77 2.42 -2.31	56.21 2.84 -5.49	45.08 2.53 -0.01	43.54 2.30 0.00	45.93 2.24 0.00
BEACON___LESR 323632	50.84 1.59 0.00	47.44 1.64 0.00	45.29 1.44 -2.99	50.10 1.66 0.00	42.34 1.46 0.00	36.54 1.30 0.00	38.59 1.42 -0.39	49.32 1.45 -10.27	39.61 1.51 -0.01	45.64 1.66 0.00	57.69 2.06 0.00	63.63 2.34 -0.06	63.73 2.26 -0.57	72.78 2.43 -0.73	65.24 2.14 -0.32	68.23 2.29 0.00	56.68 1.87 -3.31	73.27 2.21 -12.86	69.67 2.05 -14.72	46.58 1.68 -2.86	56.59 1.92 -6.80	44.15 1.60 -0.01	42.69 1.45 0.00	45.13 1.44 0.00
BEAVER RIVER___HYD 24048	49.58 0.33 0.00	45.42 -0.37 0.00	41.02 0.06 -0.10	48.77 0.34 0.00	41.13 0.25 0.00	35.16 -0.08 0.00	36.32 -0.48 -0.01	37.22 -0.71 -0.33	37.87 -0.22 0.00	44.67 0.69 0.00	56.95 1.31 0.00	62.47 1.24 0.00	62.30 1.38 -0.02	70.73 1.09 -0.02	63.56 0.78 -0.01	66.11 0.17 0.00	51.42 -0.19 -0.11	58.53 -0.10 -0.42	53.60 0.23 -0.48	41.80 -0.34 -0.09	48.58 0.48 -0.22	42.11 -0.42 0.00	40.91 -0.33 0.00	43.53 -0.17 0.00
BEEBEE_GT_13 23619	48.83 -0.42 0.00	44.98 -0.81 0.00	39.93 -1.21 -0.29	46.86 -1.57 0.00	39.68 -1.20 0.00	34.23 -1.01 0.00	35.79 -1.04 -0.04	37.33 -1.21 -0.96	36.89 -1.19 0.00	42.85 -1.14 0.00	53.82 -1.82 0.00	59.05 -2.19 -0.01	58.54 -2.42 -0.05	67.23 -2.45 -0.07	60.59 -2.22 -0.03	63.95 -1.99 0.00	50.21 -1.62 -0.32	57.79 -1.66 -1.24	52.22 -1.68 -1.01	41.27 -1.05 -0.28	47.17 -1.37 -0.66	41.54 -1.00 0.00	40.58 -0.66 0.00	43.30 -0.39 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.04 2.79 0.00	48.40 2.60 0.00	45.46 2.19 -2.42	50.95 2.52 0.00	42.97 2.09 0.00	37.20 1.96 0.00	39.25 2.15 -0.31	48.23 2.34 -8.30	40.34 2.25 -0.01	46.46 2.47 0.00	58.91 3.27 0.00	65.09 3.81 -0.05	65.30 3.94 -0.46	74.27 4.06 -0.59	66.51 3.47 -0.26	69.39 3.45 0.00	57.09 2.91 -2.67	72.02 3.43 -10.39	68.10 3.32 -11.90	46.95 2.59 -2.31	56.44 3.08 -5.49	45.29 2.74 -0.01	43.74 2.50 0.00	46.11 2.42 0.00
BETHLEHEM___GRP 23843	50.02 0.77 0.00	46.75 0.95 0.00	44.71 0.87 -2.99	49.46 1.02 0.00	41.77 0.89 0.00	36.05 0.80 0.00	38.01 0.84 -0.39	48.67 0.80 -10.27	38.92 0.83 -0.01	44.84 0.86 0.00	56.69 1.05 0.00	62.47 1.19 -0.06	62.64 1.18 -0.57	71.56 1.22 -0.73	64.17 1.07 -0.32	67.03 1.09 0.00	55.75 0.94 -3.31	72.10 1.03 -12.86	68.66 1.05 -14.72	45.83 0.92 -2.86	55.67 1.00 -6.80	43.46 0.92 -0.01	42.06 0.82 0.00	44.51 0.82 0.00
BETHLEHEM___GS1 323560	50.02 0.77 0.00	46.75 0.95 0.00	44.71 0.87 -2.99	49.46 1.02 0.00	41.77 0.89 0.00	36.05 0.80 0.00	38.01 0.84 -0.39	48.67 0.80 -10.27	38.93 0.83 -0.01	44.84 0.86 0.00	56.69 1.05 0.00	62.47 1.18 -0.06	62.64 1.17 -0.57	71.56 1.21 -0.73	64.17 1.07 -0.32	67.03 1.09 0.00	55.75 0.95 -3.31	72.10 1.03 -12.86	68.66 1.04 -14.72	45.83 0.92 -2.86	55.67 1.00 -6.80	43.47 0.92 -0.01	42.06 0.82 0.00	44.51 0.82 0.00
BETHLEHEM___GS2 323561	50.02 0.77 0.00	46.75 0.95 0.00	44.71 0.87 -2.99	49.46 1.02 0.00	41.77 0.89 0.00	36.05 0.80 0.00	38.01 0.84 -0.39	48.67 0.80 -10.27	38.93 0.83 -0.01	44.84 0.86 0.00	56.69 1.05 0.00	62.47 1.18 -0.06	62.64 1.17 -0.57	71.56 1.21 -0.73	64.17 1.07 -0.32	67.03 1.09 0.00	55.75 0.95 -3.31	72.10 1.03 -12.86	68.66 1.04 -14.72	45.83 0.92 -2.86	55.67 1.00 -6.80	43.47 0.92 -0.01	42.06 0.82 0.00	44.51 0.82 0.00
BETHLEHEM___GS3 323562	50.02 0.77 0.00	46.75 0.95 0.00	44.71 0.87 -2.99	49.46 1.02 0.00	41.77 0.89 0.00	36.05 0.80 0.00	38.01 0.84 -0.39	48.67 0.80 -10.27	38.93 0.83 -0.01	44.84 0.86 0.00	56.69 1.05 0.00	62.47 1.18 -0.06	62.64 1.17 -0.57	71.56 1.21 -0.73	64.17 1.07 -0.32	67.03 1.09 0.00	55.75 0.95 -3.31	72.10 1.03 -12.86	68.66 1.04 -14.72	45.83 0.92 -2.86	55.67 1.00 -6.80	43.47 0.92 -0.01	42.06 0.82 0.00	44.51 0.82 0.00
BETHLEHEM___STEEL 23779	48.60 -0.65 0.00	44.57 -1.23 0.00	39.40 -1.87 -0.41	45.97 -2.45 0.00	38.97 -1.91 0.00	33.47 -1.77 0.00	34.98 -1.86 -0.05	36.85 -2.17 -1.43	35.97 -2.11 0.00	41.80 -2.18 0.00	52.22 -3.42 0.00	57.11 -4.13 -0.01	56.24 -4.74 -0.08	64.48 -5.23 -0.10	58.13 -4.69 -0.05	61.55 -4.38 0.00	48.20 -3.76 -0.45	56.02 -3.95 -1.77	50.16 -3.83 -1.10	40.00 -2.45 -0.39	45.89 -2.93 -0.94	40.33 -2.20 0.00	39.71 -1.53 0.00	42.73 -0.96 0.00
BETHLHEM_115KV_TB1 79974	50.07 0.82 0.00	46.79 0.99 0.00	44.75 0.90 -2.99	49.50 1.07 0.00	41.79 0.91 0.00	36.05 0.81 0.00	38.03 0.86 -0.39	48.69 0.83 -10.26	38.94 0.85 -0.01	44.86 0.88 0.00	56.74 1.10 0.00	62.54 1.24 -0.06	62.71 1.24 -0.57	71.63 1.29 -0.73	64.24 1.14 -0.32	67.09 1.15 0.00	55.78 0.97 -3.30	72.12 1.07 -12.85	68.69 1.09 -14.71	45.85 0.95 -2.85	55.71 1.04 -6.79	43.49 0.95 -0.01	42.09 0.85 0.00	44.54 0.85 0.00
BETHPAGE_CC_5 323564	52.21 2.96 0.00	48.69 2.89 0.00	45.70 2.43 -2.42	51.28 2.85 0.00	43.32 2.44 0.00	37.58 2.34 0.00	39.45 2.35 -0.31	48.17 2.28 -8.30	40.29 2.20 -0.01	46.42 2.44 0.00	59.14 3.50 0.00	65.37 4.09 -0.05	65.94 4.54 -0.51	74.43 4.23 -0.59	66.63 3.59 -0.26	69.21 3.27 0.00	56.91 2.73 -2.67	71.80 3.20 -10.39	67.82 3.03 -11.90	46.67 2.31 -2.31	56.35 2.98 -5.49	45.33 2.79 -0.01	44.01 2.77 0.00	46.38 2.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.72 -0.53 0.00	44.70 -1.09 0.00	39.52 -1.76 -0.42	46.11 -2.31 0.00	39.09 -1.80 0.00	33.58 -1.66 0.00	35.10 -1.74 -0.05	36.97 -2.06 -1.45	36.10 -1.98 0.00	41.96 -2.03 0.00	52.40 -3.24 0.00	57.29 -3.94 -0.01	56.40 -4.58 -0.08	64.68 -5.03 -0.10	58.33 -4.49 -0.05	61.73 -4.21 0.00	48.33 -3.64 -0.46	56.22 -3.78 -1.80	50.33 -3.67 -1.11	40.12 -2.33 -0.40	46.05 -2.78 -0.95	40.45 -2.09 0.00	39.80 -1.44 0.00	42.82 -0.88 0.00
BINGHAMTON___COGEN 23790	49.06 -0.19 0.00	45.52 -0.28 0.00	41.29 -0.38 -0.81	47.89 -0.54 0.00	40.51 -0.37 0.00	34.86 -0.38 0.00	36.49 -0.40 -0.10	39.94 -0.46 -2.81	37.64 -0.44 0.00	43.52 -0.47 0.00	54.96 -0.68 0.00	60.42 -0.83 -0.02	60.04 -1.01 -0.16	68.65 -1.16 -0.20	61.84 -1.03 -0.09	64.96 -0.98 0.00	51.65 -0.75 -0.90	60.97 -0.73 -3.50	55.62 -0.79 -3.52	42.34 -0.49 -0.78	49.12 -0.60 -1.85	41.95 -0.59 0.00	40.78 -0.46 0.00	43.29 -0.40 0.00

BIXINCNT_115KV_LOAD 355685	48.90 -0.35 0.00	44.98 -0.82 0.00	39.88 -1.42 -0.45	46.39 -2.04 0.00	39.30 -1.58 0.00	33.58 -1.66 0.00	35.23 -1.62 -0.06	37.18 -1.96 -1.55	36.31 -1.78 0.00	42.06 -1.93 0.00	52.12 -3.51 0.00	56.72 -4.52 -0.01	55.40 -5.59 -0.08	63.55 -6.16 -0.11	57.22 -5.60 -0.05	60.22 -5.72 0.00	47.15 -4.85 -0.49	55.20 -4.92 -1.91	49.48 -4.54 -1.13	39.32 -3.15 -0.42	45.61 -3.28 -1.01	39.97 -2.57 0.00	38.96 -2.28 0.00	41.81 -1.88 0.00
BLACK RIVER___HYD 24047	49.50 0.24 0.00	45.37 -0.43 0.00	40.90 -0.09 -0.13	48.58 0.15 0.00	40.97 0.09 0.00	35.06 -0.18 0.00	36.28 -0.52 -0.02	37.27 -0.77 -0.45	37.77 -0.32 0.00	44.58 0.59 0.00	56.78 1.14 0.00	62.27 1.04 0.00	62.21 1.29 -0.03	70.78 1.13 -0.03	63.58 0.79 -0.01	66.06 0.13 0.00	51.56 -0.09 -0.15	58.85 0.08 -0.57	53.92 0.37 -0.65	41.99 -0.18 -0.13	48.67 0.49 -0.30	41.89 -0.65 0.00	40.54 -0.70 0.00	43.04 -0.65 0.00
BLACKRVR_115KV_TB2 79977	49.50 0.24 0.00	45.37 -0.43 0.00	40.90 -0.09 -0.13	48.58 0.15 0.00	40.97 0.09 0.00	35.06 -0.18 0.00	36.28 -0.52 -0.02	37.27 -0.77 -0.45	37.76 -0.32 0.00	44.58 0.59 0.00	56.78 1.14 0.00	62.27 1.04 0.00	62.21 1.29 -0.03	70.78 1.13 -0.03	63.58 0.79 -0.01	66.06 0.13 0.00	51.56 -0.10 -0.15	58.85 0.08 -0.57	53.92 0.37 -0.65	41.99 -0.18 -0.13	48.67 0.49 -0.30	41.89 -0.64 0.00	40.54 -0.70 0.00	43.04 -0.65 0.00
BLDWN_LI_69_KV_BK4 356085	52.33 3.08 0.00	48.75 2.96 0.00	45.76 2.49 -2.42	51.34 2.90 0.00	43.37 2.49 0.00	37.61 2.37 0.00	39.49 2.39 -0.31	48.23 2.33 -8.30	40.34 2.24 -0.01	46.50 2.51 0.00	59.24 3.60 0.00	65.42 4.14 -0.05	66.02 4.62 -0.51	74.47 4.27 -0.59	66.73 3.69 -0.26	69.42 3.49 0.00	56.96 2.79 -2.67	71.92 3.33 -10.39	67.94 3.15 -11.90	46.77 2.42 -2.31	56.57 3.19 -5.49	45.47 2.93 -0.01	44.09 2.85 0.00	46.48 2.79 0.00
BLISS_WT_PWR 323608	48.85 -0.40 0.00	44.95 -0.84 0.00	39.88 -1.43 -0.45	46.32 -2.11 0.00	39.24 -1.64 0.00	33.47 -1.77 0.00	35.15 -1.69 -0.06	37.10 -2.04 -1.55	36.26 -1.83 0.00	41.97 -2.02 0.00	51.88 -3.76 0.00	56.38 -4.86 -0.01	54.97 -6.02 -0.08	63.05 -6.67 -0.11	56.73 -6.09 -0.05	59.64 -6.30 0.00	46.64 -5.36 -0.49	54.66 -5.45 -1.91	49.06 -4.96 -1.13	38.96 -3.51 -0.42	45.33 -3.56 -1.01	39.71 -2.82 0.00	38.64 -2.60 0.00	41.43 -2.26 0.00
BLUESTONE___WT_PWR 323821	51.63 2.38 0.00	47.89 2.09 0.00	43.48 1.74 -0.88	50.33 1.90 0.00	42.31 1.43 0.00	36.03 0.79 0.00	37.20 0.30 -0.11	40.84 0.22 -3.02	38.58 0.49 0.00	44.69 0.71 0.00	57.18 1.55 0.00	63.12 1.87 -0.02	62.69 1.62 -0.17	71.06 1.24 -0.21	63.26 0.39 -0.09	66.32 0.38 0.00	52.60 0.12 -0.97	62.44 0.47 -3.77	58.81 0.96 -4.96	43.19 0.30 -0.84	49.50 -0.37 -1.99	42.13 -0.41 0.00	40.98 -0.26 0.00	43.58 -0.11 0.00
BLUE_CIRC_CHEM_DRP 24182	50.53 1.28 0.00	47.15 1.35 0.00	45.03 1.23 -2.94	49.92 1.49 0.00	42.15 1.26 0.00	36.29 1.06 0.00	38.28 1.11 -0.38	48.81 1.11 -10.11	39.21 1.11 -0.01	45.18 1.20 0.00	57.20 1.56 0.00	62.95 1.66 -0.06	63.07 1.61 -0.56	72.08 1.75 -0.72	64.69 1.60 -0.32	67.58 1.64 0.00	56.08 1.33 -3.25	72.36 1.50 -12.66	68.85 1.46 -14.49	46.08 1.22 -2.81	55.95 1.39 -6.69	43.79 1.24 -0.01	42.39 1.15 0.00	44.90 1.21 0.00
BOC_GAS_DRP 24189	50.18 0.93 0.00	46.81 1.02 0.00	44.77 0.94 -2.97	49.57 1.13 0.00	41.81 0.93 0.00	36.01 0.77 0.00	37.99 0.82 -0.38	48.63 0.83 -10.21	38.91 0.82 -0.01	44.86 0.87 0.00	56.78 1.14 0.00	62.58 1.29 -0.06	62.75 1.28 -0.57	71.69 1.35 -0.72	64.27 1.17 -0.32	67.13 1.20 0.00	55.75 0.96 -3.28	72.06 1.07 -12.78	68.62 1.10 -14.63	45.79 0.91 -2.84	55.69 1.06 -6.75	43.49 0.94 -0.01	42.10 0.86 0.00	44.56 0.87 0.00
BOONVILLE_115KV_TB1 79983	50.18 0.93 0.00	46.38 0.59 0.00	41.62 0.68 -0.08	49.35 0.92 0.00	41.64 0.76 0.00	35.78 0.54 0.00	37.23 0.44 -0.01	38.19 0.32 -0.28	38.69 0.60 0.00	45.12 1.14 0.00	57.27 1.63 0.00	62.95 1.71 0.00	62.67 1.76 -0.02	71.43 1.80 -0.02	64.34 1.56 -0.01	67.24 1.31 0.00	52.54 0.94 -0.09	59.66 1.11 -0.35	54.42 1.13 -0.40	42.73 0.61 -0.08	49.13 1.06 -0.19	42.99 0.45 0.00	41.67 0.43 0.00	44.19 0.49 0.00
BORALEX_4TH_BRANCH 23824	51.59 2.34 0.00	48.23 2.44 0.00	46.09 2.21 -3.02	51.03 2.60 -0.01	43.04 2.17 0.00	37.04 1.80 0.00	39.10 1.93 -0.39	49.92 1.94 -10.39	40.05 1.95 -0.01	46.19 2.21 0.00	58.38 2.74 0.00	64.39 3.10 -0.06	64.58 3.10 -0.58	73.80 3.45 -0.74	66.18 3.08 -0.33	69.13 3.20 0.00	57.30 2.45 -3.34	74.14 2.93 -13.00	70.46 2.69 -14.89	47.10 2.17 -2.89	57.25 2.50 -6.87	44.79 2.24 -0.01	43.32 2.08 0.00	45.89 2.20 0.00
BOWLINE___1 23526	51.38 2.13 0.00	47.83 2.03 0.00	44.91 1.71 -2.35	50.40 1.97 0.00	42.51 1.64 0.00	36.78 1.54 0.00	38.77 1.68 -0.30	47.48 1.82 -8.06	39.79 1.70 -0.01	45.79 1.81 0.00	58.07 2.43 0.00	64.10 2.82 -0.05	64.29 2.95 -0.45	73.18 3.00 -0.57	65.61 2.57 -0.25	68.47 2.53 0.00	56.23 2.13 -2.59	70.83 2.54 -10.09	66.90 2.45 -11.55	46.20 1.91 -2.24	55.49 2.28 -5.33	44.54 2.00 -0.01	43.05 1.81 0.00	45.49 1.80 0.00
BOWLINE___2 23595	51.37 2.12 0.00	47.82 2.03 0.00	44.90 1.69 -2.35	50.39 1.96 0.00	42.50 1.62 0.00	36.77 1.53 0.00	38.76 1.67 -0.30	47.46 1.81 -8.06	39.78 1.68 -0.01	45.78 1.79 0.00	58.06 2.42 0.00	64.08 2.80 -0.05	64.27 2.92 -0.45	73.15 2.97 -0.57	65.59 2.56 -0.25	68.44 2.51 0.00	56.22 2.12 -2.59	70.81 2.52 -10.09	66.87 2.43 -11.55	46.19 1.90 -2.24	55.48 2.27 -5.33	44.53 1.99 -0.01	43.04 1.79 0.00	45.48 1.78 0.00
BRADY___115KV_TB2 356060	50.37 1.12 0.00	45.89 0.09 0.00	41.75 0.90 0.00	49.91 1.49 0.00	42.10 1.22 0.00	36.11 0.87 0.00	37.36 0.58 0.00	38.61 1.01 0.00	39.35 1.27 0.00	46.07 2.08 0.00	58.14 2.50 0.00	63.64 2.41 0.00	63.42 2.52 0.00	71.86 2.24 0.00	64.66 1.88 0.00	68.09 2.16 0.00	53.05 1.54 0.00	60.15 1.95 0.00	54.51 1.62 0.00	43.48 1.43 0.00	49.31 1.43 0.00	44.26 1.72 0.00	43.16 1.92 0.00	46.37 2.68 0.00
BRANSCOMB___SOLAR 323811	52.01 2.75 0.00	48.41 2.62 0.00	46.27 2.33 -3.09	51.19 2.76 -0.01	43.21 2.33 0.00	37.25 2.01 0.00	39.37 2.18 -0.40	50.49 2.27 -10.62	40.41 2.31 -0.01	46.65 2.66 0.00	59.15 3.51 0.00	65.18 3.89 -0.06	65.28 3.79 -0.59	74.47 4.10 -0.75	66.82 3.71 -0.34	69.91 3.98 0.00	58.12 3.19 -3.42	75.13 3.63 -13.30	71.38 3.26 -15.22	47.62 2.62 -2.95	57.84 2.93 -7.02	45.12 2.57 -0.01	43.63 2.39 0.00	46.18 2.49 0.00
BRDGHMPT_69_KV_BK1 55812	52.84 3.59 0.00	49.34 3.55 0.00	46.41 3.14 -2.42	52.49 4.06 0.00	44.73 3.85 0.00	39.06 3.82 0.00	40.99 3.90 -0.31	49.61 3.72 -8.30	41.68 3.59 -0.01	47.67 3.69 0.00	60.32 4.68 0.00	66.49 5.22 -0.05	67.45 6.05 -0.50	77.73 6.28 -1.85	70.08 5.95 -1.35	77.10 4.89 -6.26	61.99 3.94 -6.55	79.25 3.89 -17.16	73.74 2.95 -17.90	47.64 1.93 -3.66	55.97 2.60 -5.49	45.13 2.58 -0.01	43.68 2.44 0.00	45.88 2.19 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	52.50 3.25 0.00	49.03 3.24 0.00	46.03 2.76 -2.42	51.67 3.23 0.00	43.67 2.79 0.00	37.92 2.68 0.00	39.77 2.67 -0.31	48.41 2.51 -8.30	40.52 2.43 -0.01	46.70 2.72 0.00	59.54 3.90 0.00	65.85 4.57 -0.05	66.46 5.05 -0.50	76.11 4.82 -1.68	68.27 4.28 -1.21	75.13 3.74 -5.45	60.55 2.99 -6.05	78.06 3.58 -16.28	73.34 3.33 -17.12	48.21 2.67 -3.49	56.66 3.29 -5.49	45.63 3.09 -0.01	44.31 3.07 0.00	46.71 3.02 0.00
BRISTLHL_115KV_TB1 79998	47.68 -1.57 0.00	44.26 -1.53 0.00	39.61 -1.44 -0.20	46.66 -1.76 0.00	39.44 -1.44 0.00	34.05 -1.18 0.00	35.55 -1.26 -0.03	36.97 -1.31 -0.69	36.76 -1.33 0.00	42.50 -1.48 0.00	53.69 -1.95 0.00	59.06 -2.17 0.00	58.75 -2.18 -0.04	67.45 -2.22 -0.05	60.88 -1.91 -0.02	63.97 -1.97 0.00	50.18 -1.55 -0.22	57.28 -1.78 -0.86	52.13 -1.76 -0.99	40.85 -1.39 -0.19	46.73 -1.61 -0.46	41.04 -1.50 0.00	39.82 -1.42 0.00	42.17 -1.53 0.00
BROOKHAVEN___DRP 24191	52.29 3.04 0.00	48.79 2.99 0.00	45.84 2.57 -2.42	51.54 3.11 0.00	43.64 2.76 0.00	38.02 2.79 0.00	39.86 2.76 -0.31	48.44 2.54 -8.30	40.56 2.47 -0.01	46.53 2.54 0.00	59.21 3.57 0.00	65.46 4.18 -0.05	66.27 4.87 -0.50	76.10 4.63 -1.86	68.44 4.29 -1.37	75.80 3.50 -6.36	61.02 2.90 -6.61	78.59 3.12 -17.26	73.71 2.83 -17.99	47.69 1.96 -3.68	55.95 2.58 -5.49	45.11 2.57 -0.01	43.81 2.57 0.00	46.12 2.42 0.00
BROOKLYN_NAVY_YARD 23515	51.68 2.43 0.00	48.06 2.27 0.00	45.18 1.91 -2.42	50.62 2.18 0.00	42.70 1.82 0.00	36.95 1.71 0.00	39.00 1.90 -0.31	47.96 2.07 -8.30	40.09 1.99 -0.01	46.16 2.18 0.00	58.57 2.93 0.00	64.68 3.40 -0.05	64.88 3.52 -0.46	73.79 3.59 -0.59	66.13 3.09 -0.26	68.95 3.02 0.00	56.73 2.56 -2.67	71.60 3.01 -10.39	67.71 2.93 -11.90	46.65 2.29 -2.31	56.06 2.69 -5.49	44.93 2.39 -0.01	43.40 2.16 0.00	45.77 2.07 0.00
BROOKLYN___ARMY_DRP 323595	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
BROOME_2_LFGE 323671	49.06 -0.19 0.00	45.52 -0.28 0.00	41.28 -0.38 -0.81	47.89 -0.54 0.00	40.51 -0.37 0.00	34.86 -0.38 0.00	36.49 -0.40 -0.10	39.94 -0.46 -2.81	37.64 -0.44 0.00	43.52 -0.46 0.00	54.96 -0.68 0.00	60.43 -0.82 -0.02	60.03 -1.02 -0.16	68.65 -1.16 -0.20	61.84 -1.02 -0.09	64.96 -0.98 0.00	51.65 -0.76 -0.90	60.97 -0.73 -3.50	55.61 -0.79 -3.52	42.34 -0.49 -0.78	49.13 -0.60 -1.85	41.95 -0.59 0.00	40.78 -0.46 0.00	43.29 -0.40 0.00
BROOME___LFGE 323600	49.06 -0.19 0.00	45.52 -0.28 0.00	41.28 -0.38 -0.81	47.89 -0.54 0.00	40.51 -0.37 0.00	34.86 -0.38 0.00	36.49 -0.40 -0.10	39.94 -0.46 -2.81	37.64 -0.44 0.00	43.52 -0.46 0.00	54.96 -0.68 0.00	60.43 -0.82 -0.02	60.03 -1.02 -0.16	68.65 -1.16 -0.20	61.84 -1.02 -0.09	64.96 -0.98 0.00	51.65 -0.76 -0.90	60.97 -0.73 -3.50	55.61 -0.79 -3.52	42.34 -0.49 -0.78	49.13 -0.60 -1.85	41.95 -0.59 0.00	40.78 -0.46 0.00	43.29 -0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	49.43 0.18 0.00	45.16 -0.63 0.00	40.94 0.01 -0.07	48.78 0.35 0.00	41.14 0.26 0.00	35.15 -0.09 0.00	36.19 -0.61 -0.01	37.27 -0.57 -0.25	37.91 -0.18 0.00	44.60 0.62 0.00	56.76 1.12 0.00	62.22 0.99 0.00	62.06 1.15 -0.01	70.34 0.71 -0.02	63.24 0.46 -0.01	66.09 0.15 0.00	51.27 -0.32 -0.08	58.25 -0.27 -0.31	53.12 -0.13 -0.36	41.79 -0.33 -0.07	48.26 0.21 -0.17	42.47 -0.06 0.00	41.41 0.17 0.00	44.31 0.62 0.00
BROWNSV1_27_KV_LOAD 356125	52.32 3.07 0.00	48.65 2.85 0.00	45.69 2.42 -2.42	51.23 2.79 0.00	43.21 2.34 0.00	37.39 2.15 0.00	39.45 2.35 -0.31	48.42 2.52 -8.30	40.55 2.45 -0.01	46.72 2.74 0.00	59.28 3.64 0.00	65.48 4.20 -0.05	65.67 4.31 -0.46	74.72 4.52 -0.59	66.96 3.92 -0.26	69.83 3.90 0.00	57.44 3.26 -2.67	72.42 3.82 -10.39	68.42 3.64 -11.90	47.22 2.86 -2.31	56.71 3.34 -5.49	45.52 2.97 -0.01	43.96 2.72 0.00	46.35 2.66 0.00
BURROWS___LYONSDAL 23803	49.99 0.74 0.00	46.11 0.32 0.00	41.44 0.50 -0.08	49.17 0.74 0.00	41.48 0.60 0.00	35.59 0.35 0.00	36.97 0.17 -0.01	37.86 -0.02 -0.29	38.43 0.35 0.00	44.98 1.00 0.00	57.16 1.52 0.00	62.79 1.56 -0.02	62.54 1.62 -0.02	71.19 1.56 -0.02	64.07 1.29 -0.01	66.85 0.91 0.00	52.18 0.59 -0.09	59.29 0.72 -0.37	54.18 0.87 -0.42	42.42 0.29 -0.08	48.95 0.88 -0.19	42.68 0.14 0.00	41.40 0.16 0.00	43.92 0.23 0.00
CAITHNESS_CC_1 323624	52.15 2.90 0.00	48.67 2.87 0.00	45.72 2.45 -2.42	51.38 2.95 0.00	43.50 2.62 0.00	37.89 2.65 0.00	39.71 2.61 -0.31	48.28 2.38 -8.30	40.41 2.32 -0.01	46.39 2.41 0.00	59.08 3.44 0.00	65.32 4.04 -0.05	66.08 4.68 -0.50	75.85 4.36 -1.88	68.22 4.05 -1.39	75.63 3.25 -6.44	60.86 2.70 -6.66	78.46 2.91 -17.36	73.64 2.67 -18.07	47.63 1.89 -3.70	55.87 2.50 -5.49	45.07 2.52 -0.01	43.76 2.52 0.00	46.06 2.37 0.00
CALPINE BETH_PAGE_GT4 24209	52.12 2.86 0.00	48.60 2.80 0.00	45.62 2.35 -2.42	51.18 2.75 0.00	43.24 2.36 0.00	37.50 2.26 0.00	39.37 2.28 -0.31	48.11 2.21 -8.30	40.22 2.13 -0.01	46.34 2.36 0.00	59.04 3.40 0.00	65.23 3.95 -0.05	65.83 4.42 -0.51	74.29 4.09 -0.59	66.41 3.37 -0.26	68.99 3.06 0.00	56.74 2.56 -2.67	71.62 3.02 -10.39	67.65 2.86 -11.90	46.53 2.18 -2.31	56.20 2.83 -5.49	45.19 2.64 -0.01	43.93 2.69 0.00	46.31 2.62 0.00
CALPINE_BETH_PAGE_GT_4 323586	52.11 2.86 0.00	48.60 2.80 0.00	45.62 2.34 -2.42	51.18 2.75 0.00	43.24 2.36 0.00	37.50 2.26 0.00	39.38 2.28 -0.31	48.10 2.21 -8.30	40.22 2.13 -0.01	46.34 2.36 0.00	59.04 3.40 0.00	65.25 3.97 -0.05	65.82 4.42 -0.51	74.29 4.09 -0.59	66.41 3.37 -0.26	68.99 3.06 0.00	56.74 2.57 -2.67	71.61 3.02 -10.39	67.65 2.86 -11.90	46.54 2.18 -2.31	56.20 2.83 -5.49	45.20 2.66 -0.01	43.93 2.69 0.00	46.31 2.61 0.00
CALPINE_BP_GT1 23823	52.11 2.86 0.00	48.60 2.80 0.00	45.62 2.34 -2.42	51.18 2.75 0.00	43.24 2.36 0.00	37.50 2.26 0.00	39.38 2.28 -0.31	48.10 2.21 -8.30	40.22 2.13 -0.01	46.34 2.36 0.00	59.04 3.40 0.00	65.25 3.97 -0.05	65.82 4.42 -0.51	74.29 4.09 -0.59	66.41 3.37 -0.26	68.99 3.06 0.00	56.74 2.57 -2.67	71.61 3.02 -10.39	67.65 2.86 -11.90	46.54 2.18 -2.31	56.20 2.83 -5.49	45.20 2.66 -0.01	43.93 2.69 0.00	46.31 2.61 0.00
CALSPAN___DRP 24200	48.60 -0.65 0.00	44.57 -1.23 0.00	39.40 -1.87 -0.41	45.97 -2.45 0.00	38.97 -1.91 0.00	33.47 -1.77 0.00	34.98 -1.86 -0.05	36.85 -2.17 -1.43	35.97 -2.11 0.00	41.80 -2.18 0.00	52.22 -3.42 0.00	57.11 -4.13 -0.01	56.24 -4.74 -0.08	64.48 -5.23 -0.10	58.13 -4.69 -0.05	61.55 -4.38 0.00	48.20 -3.76 -0.45	56.02 -3.95 -1.77	50.16 -3.83 -1.10	40.00 -2.45 -0.39	45.89 -2.93 -0.94	40.33 -2.20 0.00	39.71 -1.53 0.00	42.73 -0.96 0.00

CALVERTON___SOLAR 323806	52.43 3.18 0.00	48.92 3.12 0.00	45.96 2.69 -2.42	51.71 3.27 0.00	43.82 2.94 0.00	38.19 2.94 0.00	40.04 2.94 -0.31	48.62 2.72 -8.30	40.72 2.63 -0.01	46.68 2.70 0.00	59.37 3.73 0.00	65.64 4.36 -0.05	66.44 5.04 -0.50	76.36 4.89 -1.86	68.72 4.58 -1.37	76.03 3.77 -6.33	61.21 3.12 -6.59	78.75 3.33 -17.23	73.82 2.97 -17.96	47.75 2.03 -3.67	56.02 2.65 -5.49	45.19 2.65 -0.01	43.85 2.61 0.00	46.13 2.44 0.00
CANDIGU_WT_PWR 323617	48.37 -0.88 0.00	44.45 -1.34 0.00	39.73 -1.69 -0.57	46.11 -2.32 0.00	39.02 -1.86 0.00	33.44 -1.80 0.00	34.82 -2.04 -0.07	37.40 -2.23 -2.04	35.92 -2.17 0.00	41.71 -2.27 0.00	52.16 -3.48 0.00	56.79 -4.45 -0.01	55.86 -5.15 -0.11	63.68 -6.07 -0.14	57.55 -5.29 -0.06	60.83 -5.11 0.00	48.11 -4.03 -0.63	56.48 -4.17 -2.45	49.70 -4.09 -0.89	39.63 -2.96 -0.54	45.69 -3.48 -1.29	39.53 -3.01 0.00	38.62 -2.62 0.00	41.26 -2.43 0.00
CARR STREET_E_SYR 24060	48.32 -0.94 0.00	44.84 -0.96 0.00	40.16 -0.94 -0.24	47.25 -1.18 0.00	39.94 -0.94 0.00	34.48 -0.76 0.00	36.01 -0.81 -0.03	37.54 -0.86 -0.82	37.23 -0.86 0.00	43.04 -0.95 0.00	54.37 -1.27 0.00	59.81 -1.43 0.00	59.49 -1.45 -0.04	68.28 -1.39 -0.06	61.59 -1.21 -0.03	64.77 -1.17 0.00	50.84 -0.92 -0.26	58.16 -1.07 -1.02	52.96 -1.11 -1.17	41.42 -0.85 -0.23	47.40 -1.02 -0.54	41.60 -0.94 0.00	40.36 -0.88 0.00	42.76 -0.93 0.00
CARTHAGE___PAPER 23857	49.91 0.66 0.00	45.72 -0.08 0.00	41.28 0.31 -0.12	49.05 0.62 0.00	41.37 0.49 0.00	35.38 0.14 0.00	36.59 -0.21 -0.02	37.55 -0.44 -0.41	38.13 0.04 0.00	45.00 1.01 0.00	57.34 1.70 0.00	62.90 1.66 0.00	62.77 1.85 -0.02	71.33 1.69 -0.03	64.09 1.30 -0.01	66.64 0.71 0.00	51.94 0.30 -0.13	59.21 0.49 -0.51	54.23 0.75 -0.59	42.26 0.09 -0.11	49.04 0.89 -0.27	42.37 -0.16 0.00	41.07 -0.17 0.00	43.67 -0.03 0.00
CASSADAGA_WT_PWR 323784	48.34 -0.91 0.00	44.23 -1.57 0.00	39.12 -2.17 -0.44	45.18 -3.24 0.00	37.93 -2.95 0.00	32.20 -3.04 0.00	33.95 -2.89 -0.06	36.56 -2.56 -1.53	35.69 -2.40 0.00	40.83 -3.15 0.00	50.72 -4.91 0.00	55.26 -5.98 -0.01	54.22 -6.76 -0.08	62.24 -7.48 -0.11	55.98 -6.85 -0.05	59.79 -6.15 0.00	47.08 -4.90 -0.48	55.34 -4.75 -1.89	49.42 -4.58 -1.10	40.06 -2.41 -0.42	46.21 -2.67 -1.00	39.67 -2.86 0.00	38.91 -2.33 0.00	42.19 -1.51 0.00
CE_DUNWOOD___DRP 24194	51.63 2.37 0.00	48.06 2.26 0.00	45.18 1.91 -2.41	50.64 2.21 0.00	42.72 1.84 0.00	36.95 1.71 0.00	38.96 1.86 -0.31	47.87 1.99 -8.28	40.00 1.90 -0.01	46.05 2.07 0.00	58.42 2.78 0.00	64.49 3.21 -0.05	64.70 3.35 -0.46	73.64 3.44 -0.59	65.99 2.95 -0.26	68.83 2.90 0.00	56.60 2.43 -2.66	71.45 2.87 -10.37	67.52 2.76 -11.87	46.51 2.16 -2.30	55.92 2.56 -5.48	44.81 2.27 -0.01	43.32 2.08 0.00	45.73 2.03 0.00
CE_MILLWOOD___DRP 24193	51.53 2.28 0.00	47.97 2.17 0.00	45.09 1.84 -2.40	50.56 2.13 0.00	42.65 1.76 0.00	36.89 1.65 0.00	38.90 1.80 -0.31	47.77 1.93 -8.25	39.92 1.83 -0.01	45.96 1.98 0.00	58.30 2.66 0.00	64.36 3.08 -0.05	64.57 3.21 -0.46	73.49 3.30 -0.59	65.86 2.83 -0.26	68.72 2.78 0.00	56.49 2.33 -2.65	71.29 2.76 -10.33	67.37 2.66 -11.83	46.42 2.08 -2.29	55.80 2.47 -5.46	44.71 2.17 -0.01	43.24 2.00 0.00	45.65 1.96 0.00
CE_NYC2_DRP 24202	51.92 2.67 0.00	48.29 2.49 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.38 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.16 3.80 -0.46	74.06 3.86 -0.59	66.35 3.31 -0.26	69.15 3.21 0.00	56.91 2.74 -2.67	71.79 3.20 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.23 2.86 -5.49	45.13 2.58 -0.01	43.61 2.37 0.00	45.98 2.28 0.00
CE_NYC_DRP 24195	51.88 2.63 0.00	48.27 2.47 0.00	45.35 2.07 -2.42	50.83 2.39 0.00	42.88 2.00 0.00	37.10 1.86 0.00	39.14 2.05 -0.31	48.09 2.20 -8.30	40.23 2.13 -0.01	46.33 2.35 0.00	58.78 3.14 0.00	64.92 3.64 -0.05	65.13 3.76 -0.46	74.09 3.89 -0.59	66.38 3.34 -0.26	69.22 3.29 0.00	56.94 2.77 -2.67	71.85 3.26 -10.39	67.91 3.12 -11.90	46.81 2.45 -2.31	56.26 2.89 -5.49	45.11 2.56 -0.01	43.57 2.33 0.00	45.96 2.26 0.00
CHAFFEE___LFGE 323603	48.75 -0.50 0.00	44.72 -1.07 0.00	39.56 -1.72 -0.43	46.15 -2.28 0.00	39.12 -1.76 0.00	33.64 -1.60 0.00	35.15 -1.69 -0.06	37.07 -2.01 -1.49	36.18 -1.91 0.00	42.06 -1.93 0.00	52.55 -3.10 0.00	57.51 -3.73 -0.01	56.61 -4.37 -0.08	64.91 -4.81 -0.10	58.55 -4.27 -0.05	61.99 -3.95 0.00	48.53 -3.45 -0.47	56.53 -3.51 -1.84	50.54 -3.46 -1.11	40.28 -2.18 -0.41	46.23 -2.62 -0.97	40.60 -1.94 0.00	39.94 -1.30 0.00	42.95 -0.74 0.00
CHATEAUG_35_KV_LOAD 355732	49.86 0.61 0.00	45.48 -0.32 0.00	41.40 0.54 0.00	49.36 0.93 0.00	41.65 0.77 0.00	35.76 0.52 0.00	37.09 0.30 0.00	38.43 0.84 0.00	39.22 1.14 0.00	45.82 1.84 0.00	57.80 2.16 0.00	63.39 2.16 0.00	63.17 2.27 0.00	71.47 1.86 0.00	64.35 1.57 0.00	67.85 1.91 0.00	52.98 1.48 0.00	60.07 1.86 0.00	54.30 1.41 0.00	43.40 1.36 0.00	49.01 1.13 0.00	43.99 1.45 0.00	42.82 1.58 0.00	45.93 2.23 0.00
CHATEAUG_WT_PWR 323614	49.77 0.51 0.00	45.42 -0.37 0.00	41.33 0.48 0.00	49.27 0.85 0.00	41.57 0.69 0.00	35.70 0.46 0.00	37.02 0.24 0.00	38.34 0.75 0.00	39.11 1.02 0.00	45.66 1.68 0.00	57.63 1.99 0.00	63.21 1.98 0.00	63.04 2.14 0.00	71.31 1.70 0.00	64.24 1.46 0.00	67.67 1.73 0.00	52.83 1.33 0.00	59.82 1.62 0.00	54.11 1.22 0.00	43.23 1.18 0.00	48.85 0.97 0.00	43.83 1.29 0.00	42.67 1.44 0.00	45.77 2.08 0.00
CHAT_HIGH_FALL_HYD 323578	49.86 0.61 0.00	45.48 -0.32 0.00	41.40 0.54 0.00	49.36 0.93 0.00	41.65 0.77 0.00	35.76 0.52 0.00	37.09 0.30 0.00	38.43 0.84 0.00	39.22 1.14 0.00	45.82 1.84 0.00	57.80 2.16 0.00	63.39 2.16 0.00	63.17 2.27 0.00	71.47 1.86 0.00	64.35 1.57 0.00	67.85 1.91 0.00	52.98 1.48 0.00	60.07 1.86 0.00	54.30 1.41 0.00	43.40 1.36 0.00	49.01 1.13 0.00	43.99 1.45 0.00	42.82 1.58 0.00	45.93 2.23 0.00
CHAUTAUQUA___LFGE 323629	48.34 -0.91 0.00	44.29 -1.50 0.00	39.22 -2.07 -0.43	45.53 -2.90 0.00	38.49 -2.39 0.00	32.86 -2.38 0.00	34.47 -2.37 -0.06	36.72 -2.36 -1.49	35.83 -2.26 0.00	41.27 -2.71 0.00	51.45 -4.19 0.00	56.14 -5.10 -0.01	55.16 -5.82 -0.08	63.24 -6.48 -0.10	57.00 -5.83 -0.05	60.44 -5.49 0.00	47.59 -4.38 -0.47	55.68 -4.36 -1.84	49.71 -4.29 -1.11	39.97 -2.49 -0.41	46.04 -2.81 -0.97	39.90 -2.64 0.00	39.19 -2.05 0.00	42.30 -1.40 0.00
CHERRYST_13_KV_LD 356241	52.02 2.76 0.00	48.37 2.58 0.00	45.45 2.18 -2.42	50.95 2.52 0.00	42.98 2.09 0.00	37.20 1.96 0.00	39.23 2.14 -0.31	48.20 2.31 -8.30	40.33 2.24 -0.01	46.45 2.47 0.00	58.94 3.30 0.00	65.10 3.82 -0.05	65.31 3.95 -0.46	74.28 4.08 -0.59	66.56 3.52 -0.26	69.41 3.48 0.00	57.09 2.91 -2.67	72.02 3.43 -10.39	68.05 3.27 -11.90	46.93 2.58 -2.31	56.40 3.03 -5.49	45.22 2.68 -0.01	43.68 2.44 0.00	46.07 2.38 0.00

CHESTROR_138KV_BK263 355645	51.24 1.99 0.00	47.70 1.90 0.00	44.71 1.61 -2.25	50.29 1.86 0.00	42.43 1.55 0.00	36.67 1.43 0.00	38.64 1.57 -0.29	47.00 1.67 -7.73	39.68 1.59 -0.01	45.67 1.69 0.00	57.90 2.27 0.00	63.89 2.62 -0.05	64.03 2.71 -0.43	72.93 2.77 -0.55	65.44 2.42 -0.24	68.35 2.41 0.00	56.01 2.02 -2.49	70.28 2.40 -9.68	66.27 2.30 -11.08	46.00 1.80 -2.15	55.12 2.13 -5.11	44.40 1.86 -0.01	42.93 1.69 0.00	45.37 1.67 0.00
CH_MIDHUDSON___DRP 24192	51.51 2.26 0.00	47.97 2.17 0.00	45.19 1.86 -2.47	50.61 2.17 0.00	42.68 1.80 0.00	36.88 1.64 0.00	38.89 1.79 -0.32	47.97 1.90 -8.48	39.94 1.84 -0.01	46.00 2.02 0.00	58.30 2.66 0.00	64.37 3.09 -0.05	64.55 3.18 -0.47	73.54 3.33 -0.60	65.95 2.90 -0.27	68.83 2.89 0.00	56.62 2.39 -2.73	71.64 2.83 -10.61	67.74 2.71 -12.14	46.53 2.12 -2.35	55.99 2.50 -5.60	44.73 2.19 -0.01	43.24 2.00 0.00	45.64 1.94 0.00
CH_MISC_IPPS 23765	51.83 2.58 0.00	48.25 2.45 0.00	45.37 2.10 -2.42	50.89 2.46 0.00	42.92 2.04 0.00	37.10 1.86 0.00	39.12 2.03 -0.31	48.06 2.16 -8.31	40.18 2.09 -0.01	46.27 2.29 0.00	58.64 3.00 0.00	64.77 3.49 -0.05	64.93 3.57 -0.46	74.01 3.81 -0.59	66.38 3.34 -0.26	69.29 3.35 0.00	56.95 2.77 -2.67	71.88 3.27 -10.41	67.90 3.10 -11.91	46.80 2.44 -2.31	56.21 2.84 -5.50	45.03 2.48 -0.01	43.49 2.25 0.00	45.91 2.22 0.00
CH_RES_BVR_FALLS 23983	49.26 0.00 0.00	45.61 -0.19 0.00	40.86 0.01 0.00	48.52 0.09 0.00	40.95 0.07 0.00	35.27 0.03 0.00	36.77 -0.01 0.00	37.67 0.07 0.00	38.21 0.12 0.00	44.24 0.25 0.00	55.93 0.29 0.00	61.50 0.27 0.00	61.19 0.29 0.00	69.80 0.19 0.00	62.92 0.15 0.00	66.14 0.20 0.00	51.65 0.14 0.00	58.39 0.19 0.00	53.02 0.13 0.00	42.19 0.14 0.00	47.98 0.10 0.00	42.71 0.17 0.00	41.45 0.21 0.00	44.04 0.35 0.00
CH_RES_NIAGARA 23895	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.85 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.51 -5.72 -0.01	54.77 -6.20 -0.07	62.76 -6.94 -0.09	56.55 -6.27 -0.04	59.92 -6.02 0.00	46.78 -5.14 -0.41	54.19 -5.62 -1.61	48.73 -5.24 -1.08	38.82 -3.59 -0.36	44.43 -4.30 -0.85	39.35 -3.19 0.00	38.86 -2.38 0.00	42.05 -1.64 0.00
CH_RES_SYRACUSE 23985	48.57 -0.68 0.00	45.10 -0.70 0.00	40.40 -0.72 -0.26	47.49 -0.93 0.00	40.17 -0.71 0.00	34.66 -0.58 0.00	36.22 -0.59 -0.03	37.84 -0.63 -0.88	37.47 -0.62 0.00	43.30 -0.68 0.00	54.71 -0.93 0.00	60.22 -1.02 0.00	59.90 -1.05 -0.05	68.75 -0.93 -0.06	62.02 -0.79 -0.03	65.19 -0.74 0.00	51.21 -0.58 -0.28	58.66 -0.65 -1.11	53.71 -0.73 -1.54	41.71 -0.58 -0.24	47.73 -0.73 -0.58	41.86 -0.68 0.00	40.61 -0.63 0.00	43.03 -0.67 0.00
CLINTON_WT_PWR 323605	49.77 0.51 0.00	45.42 -0.37 0.00	41.33 0.48 0.00	49.27 0.85 0.00	41.57 0.69 0.00	35.70 0.46 0.00	37.02 0.24 0.00	38.34 0.75 0.00	39.11 1.02 0.00	45.66 1.68 0.00	57.63 1.99 0.00	63.21 1.98 0.00	63.04 2.14 0.00	71.31 1.70 0.00	64.24 1.46 0.00	67.67 1.73 0.00	52.83 1.33 0.00	59.82 1.62 0.00	54.11 1.22 0.00	43.23 1.18 0.00	48.85 0.97 0.00	43.83 1.29 0.00	42.67 1.44 0.00	45.77 2.08 0.00
CLINTON___LFGE 323618	50.70 1.45 0.00	46.27 0.47 0.00	42.05 1.20 0.00	50.10 1.67 0.00	42.31 1.43 0.00	36.34 1.10 0.00	37.73 0.95 0.00	39.12 1.52 0.00	39.86 1.78 0.00	46.52 2.54 0.00	58.70 3.06 0.00	64.41 3.18 0.00	64.18 3.28 0.00	72.55 2.94 0.00	65.40 2.63 0.00	68.99 3.05 0.00	53.89 2.39 0.00	61.06 2.85 0.00	55.13 2.24 0.00	44.08 2.03 0.00	49.78 1.90 0.00	44.59 2.05 0.00	43.40 2.16 0.00	46.48 2.79 0.00
COBBLENY_34_KV_TB1 80064	48.75 -0.50 0.00	44.72 -1.07 0.00	39.56 -1.72 -0.43	46.15 -2.28 0.00	39.12 -1.76 0.00	33.64 -1.60 0.00	35.16 -1.68 -0.06	37.07 -2.01 -1.49	36.17 -1.91 0.00	42.06 -1.92 0.00	52.55 -3.09 0.00	57.50 -3.74 -0.01	56.62 -4.36 -0.08	64.92 -4.79 -0.10	58.56 -4.26 -0.05	61.99 -3.95 0.00	48.55 -3.42 -0.47	56.53 -3.51 -1.84	50.55 -3.46 -1.11	40.29 -2.16 -0.41	46.23 -2.62 -0.97	40.60 -1.94 0.00	39.94 -1.30 0.00	42.95 -0.74 0.00
COFFEEN___115KV_TB3 355620	49.57 0.32 0.00	45.44 -0.35 0.00	40.95 -0.04 -0.13	48.62 0.19 0.00	41.01 0.13 0.00	35.11 -0.13 0.00	36.36 -0.44 -0.02	37.37 -0.68 -0.46	37.86 -0.23 0.00	44.66 0.68 0.00	56.86 1.22 0.00	62.38 1.15 0.00	62.32 1.39 -0.03	70.95 1.30 -0.03	63.74 0.95 -0.02	66.27 0.33 0.00	51.75 0.10 -0.15	59.07 0.28 -0.58	54.10 0.54 -0.67	42.15 -0.03 -0.13	48.81 0.62 -0.31	42.04 -0.50 0.00	40.66 -0.58 0.00	43.15 -0.55 0.00
COLDSPRG_115KV_BK1 355956	49.24 -0.02 0.00	45.18 -0.61 0.00	40.09 -1.23 -0.45	46.59 -1.84 0.00	39.37 -1.52 0.00	33.58 -1.66 0.00	35.21 -1.64 -0.06	37.54 -1.64 -1.59	36.60 -1.49 0.00	42.20 -1.79 0.00	52.79 -2.85 0.00	57.47 -3.78 -0.01	56.35 -4.64 -0.09	64.78 -4.94 -0.11	58.31 -4.52 -0.05	61.87 -4.07 0.00	48.90 -3.10 -0.50	57.32 -2.84 -1.96	51.09 -2.89 -1.09	41.03 -1.46 -0.43	47.21 -1.70 -1.04	40.90 -1.63 0.00	40.15 -1.09 0.00	43.21 -0.48 0.00
COLONIE_LFGE___ 323577	51.02 1.77 0.00	47.59 1.79 0.00	45.52 1.61 -3.05	50.35 1.91 -0.01	42.47 1.59 0.00	36.61 1.37 0.00	38.64 1.46 -0.39	49.57 1.48 -10.49	39.59 1.50 -0.01	45.68 1.70 0.00	57.82 2.18 0.00	63.75 2.46 -0.06	63.93 2.45 -0.58	73.01 2.66 -0.74	65.46 2.35 -0.33	68.41 2.47 0.00	56.85 1.98 -3.38	73.63 2.30 -13.13	70.09 2.17 -15.03	46.68 1.72 -2.92	56.77 1.95 -6.94	44.26 1.72 -0.01	42.82 1.58 0.00	45.35 1.65 0.00
COOPERNY_115KV_TB1 80082	50.77 1.51 0.00	47.25 1.45 0.00	43.93 1.24 -1.84	49.87 1.44 0.00	42.07 1.19 0.00	36.31 1.07 0.00	38.20 1.18 -0.24	45.16 1.26 -6.32	39.28 1.19 -0.01	45.25 1.27 0.00	57.33 1.70 0.00	63.20 1.93 -0.04	63.26 2.01 -0.35	72.11 2.05 -0.45	64.76 1.78 -0.20	67.71 1.78 0.00	55.01 1.47 -2.03	67.85 1.74 -7.90	63.63 1.70 -9.05	45.14 1.34 -1.75	53.64 1.59 -4.18	43.92 1.37 -0.01	42.50 1.26 0.00	44.94 1.25 0.00
COPENHAGEN_WT_PWR 323753	49.23 -0.03 0.00	45.05 -0.74 0.00	40.64 -0.36 -0.14	48.29 -0.14 0.00	40.73 -0.15 0.00	34.83 -0.41 0.00	36.01 -0.80 -0.02	36.96 -1.11 -0.48	37.44 -0.64 0.00	44.28 0.30 0.00	56.43 0.79 0.00	61.90 0.67 0.00	61.82 0.89 -0.03	70.24 0.59 -0.03	63.07 0.28 -0.02	65.38 -0.56 0.00	51.03 -0.63 -0.15	58.24 -0.56 -0.60	53.47 -0.11 -0.69	41.59 -0.60 -0.13	48.27 0.07 -0.32	41.37 -1.17 0.00	40.03 -1.21 0.00	42.54 -1.16 0.00
CORNELL_____ 23752	49.77 0.52 0.00	46.20 0.40 0.00	41.67 0.23 -0.58	48.59 0.16 0.00	41.09 0.21 0.00	35.41 0.17 0.00	37.03 0.17 -0.08	39.78 0.17 -2.02	38.31 0.22 0.00	44.31 0.33 0.00	55.96 0.31 0.00	61.51 0.27 -0.01	61.14 0.12 -0.11	69.97 0.22 -0.14	63.00 0.16 -0.06	66.31 0.38 0.00	52.52 0.37 -0.64	61.23 0.52 -2.50	61.84 0.38 -8.57	42.97 0.36 -0.56	49.47 0.26 -1.32	42.67 0.13 0.00	41.39 0.15 0.00	43.90 0.21 0.00

CORONA_V_69_KV_TB1 355595	52.32 3.07 0.00	48.73 2.93 0.00	45.74 2.47 -2.42	51.32 2.88 0.00	43.34 2.46 0.00	37.56 2.32 0.00	39.40 2.30 -0.31	48.14 2.25 -8.30	40.25 2.16 -0.01	46.39 2.41 0.00	59.12 3.48 0.00	65.27 4.00 -0.05	65.81 4.38 -0.52	74.33 4.13 -0.59	66.71 3.67 -0.26	69.38 3.44 0.00	57.12 2.94 -2.67	72.05 3.45 -10.39	68.04 3.25 -11.90	46.87 2.51 -2.31	56.56 3.19 -5.49	45.45 2.91 -0.01	44.02 2.78 0.00	46.44 2.74 0.00
CORTLAND_115KV_TB3 80093	49.35 0.10 0.00	45.83 0.03 0.00	41.27 -0.05 -0.47	48.29 -0.14 0.00	40.83 -0.05 0.00	35.18 -0.06 0.00	36.79 -0.05 -0.06	39.13 -0.07 -1.61	38.05 -0.03 0.00	44.00 0.01 0.00	55.61 -0.03 0.00	61.16 -0.08 -0.01	60.83 -0.16 -0.09	69.65 -0.07 -0.11	62.76 -0.06 -0.05	65.96 0.03 0.00	52.07 0.05 -0.52	60.29 0.09 -2.01	56.65 -0.04 -3.80	42.52 0.02 -0.45	48.89 -0.05 -1.06	42.39 -0.15 0.00	41.11 -0.13 0.00	43.59 -0.10 0.00
COXSACKIE___GT 23611	52.47 3.22 0.00	48.93 3.13 0.00	46.46 2.76 -2.85	51.76 3.32 0.00	43.71 2.83 0.00	37.74 2.50 0.00	39.84 2.69 -0.37	50.13 2.75 -9.79	41.05 2.95 -0.01	47.30 3.31 0.00	59.98 4.34 0.00	65.93 4.64 -0.06	65.46 4.02 -0.55	75.21 4.90 -0.69	67.68 4.59 -0.31	71.03 5.09 0.00	58.87 4.21 -3.15	75.30 4.84 -12.25	71.30 4.38 -14.03	48.18 3.41 -2.72	58.06 3.71 -6.47	45.75 3.21 -0.01	44.15 2.91 0.00	46.63 2.94 0.00
CPV_VALLEY___CC1 323721	51.04 1.79 0.00	47.51 1.72 0.00	44.41 1.45 -2.10	50.12 1.69 0.00	42.28 1.40 0.00	36.52 1.29 0.00	38.46 1.40 -0.27	46.33 1.51 -7.22	39.51 1.41 -0.01	45.50 1.52 0.00	57.67 2.03 0.00	63.62 2.35 -0.04	63.73 2.43 -0.40	72.61 2.48 -0.51	65.15 2.15 -0.23	68.06 2.12 0.00	55.60 1.77 -2.32	69.36 2.12 -9.04	65.29 2.05 -10.35	45.66 1.60 -2.01	54.56 1.90 -4.78	44.21 1.66 -0.01	42.75 1.51 0.00	45.19 1.50 0.00
CPV_VALLEY___CC2 323722	51.04 1.79 0.00	47.51 1.72 0.00	44.41 1.45 -2.10	50.12 1.69 0.00	42.28 1.40 0.00	36.52 1.29 0.00	38.46 1.40 -0.27	46.33 1.51 -7.22	39.51 1.41 -0.01	45.50 1.52 0.00	57.67 2.03 0.00	63.62 2.35 -0.04	63.73 2.43 -0.40	72.61 2.48 -0.51	65.15 2.15 -0.23	68.06 2.12 0.00	55.60 1.77 -2.32	69.36 2.12 -9.04	65.29 2.05 -10.35	45.66 1.60 -2.01	54.56 1.90 -4.78	44.21 1.66 -0.01	42.75 1.51 0.00	45.19 1.50 0.00
CRESCENT___HYD 24018	51.02 1.77 0.00	47.59 1.79 0.00	45.52 1.61 -3.05	50.35 1.91 -0.01	42.47 1.59 0.00	36.61 1.37 0.00	38.64 1.46 -0.39	49.57 1.48 -10.49	39.59 1.50 -0.01	45.68 1.70 0.00	57.82 2.18 0.00	63.75 2.46 -0.06	63.93 2.45 -0.58	73.01 2.66 -0.74	65.46 2.35 -0.33	68.41 2.47 0.00	56.85 1.98 -3.38	73.63 2.30 -13.13	70.09 2.17 -15.03	46.68 1.72 -2.92	56.77 1.95 -6.94	44.26 1.72 -0.01	42.82 1.58 0.00	45.35 1.65 0.00
CRICKET___VALLEY_CC1 323756	50.81 1.56 0.00	47.32 1.53 0.00	44.66 1.29 -2.52	49.93 1.50 0.00	42.11 1.23 0.00	36.39 1.15 0.00	38.38 1.27 -0.33	47.61 1.37 -8.64	39.38 1.29 -0.01	45.35 1.37 0.00	57.51 1.87 0.00	63.47 2.19 -0.05	63.70 2.32 -0.48	72.51 2.28 -0.61	65.02 1.97 -0.27	67.84 1.90 0.00	55.88 1.60 -2.78	70.93 1.91 -10.82	67.17 1.90 -12.39	45.93 1.48 -2.40	55.35 1.76 -5.72	44.11 1.57 -0.01	42.66 1.42 0.00	45.02 1.33 0.00
CRICKET___VALLEY_CC2 323757	50.81 1.56 0.00	47.32 1.53 0.00	44.66 1.29 -2.52	49.93 1.50 0.00	42.11 1.23 0.00	36.39 1.15 0.00	38.38 1.27 -0.33	47.61 1.37 -8.64	39.38 1.29 -0.01	45.35 1.37 0.00	57.51 1.87 0.00	63.47 2.19 -0.05	63.70 2.32 -0.48	72.51 2.28 -0.61	65.02 1.97 -0.27	67.84 1.90 0.00	55.88 1.60 -2.78	70.93 1.91 -10.82	67.17 1.90 -12.39	45.93 1.48 -2.40	55.35 1.76 -5.72	44.11 1.57 -0.01	42.66 1.42 0.00	45.02 1.33 0.00
CRICKET___VALLEY_CC3 323758	50.81 1.56 0.00	47.32 1.53 0.00	44.66 1.29 -2.52	49.93 1.50 0.00	42.11 1.23 0.00	36.39 1.15 0.00	38.38 1.27 -0.33	47.61 1.37 -8.64	39.38 1.29 -0.01	45.35 1.37 0.00	57.51 1.87 0.00	63.47 2.19 -0.05	63.70 2.32 -0.48	72.51 2.28 -0.61	65.02 1.97 -0.27	67.84 1.90 0.00	55.88 1.60 -2.78	70.93 1.91 -10.82	67.17 1.90 -12.39	45.93 1.48 -2.40	55.35 1.76 -5.72	44.11 1.57 -0.01	42.66 1.42 0.00	45.02 1.33 0.00
CRUCIBLE_METL_DRP 24180	48.57 -0.68 0.00	45.10 -0.70 0.00	40.40 -0.72 -0.26	47.50 -0.93 0.00	40.17 -0.71 0.00	34.67 -0.58 0.00	36.22 -0.59 -0.03	37.84 -0.63 -0.88	37.47 -0.62 0.00	43.30 -0.68 0.00	54.71 -0.93 0.00	60.21 -1.02 0.00	59.90 -1.05 -0.06	68.74 -0.93 -0.06	62.01 -0.79 -0.03	65.19 -0.74 0.00	51.22 -0.57 -0.28	58.66 -0.65 -1.11	53.71 -0.73 -1.54	41.71 -0.58 -0.24	47.74 -0.73 -0.58	41.86 -0.68 0.00	40.61 -0.63 0.00	43.03 -0.66 0.00
DAHOWA___HYDRO 323763	52.35 3.09 0.00	48.69 2.90 0.00	46.54 2.58 -3.10	51.49 3.06 -0.01	43.47 2.59 0.00	37.49 2.26 0.00	39.63 2.44 -0.40	50.79 2.55 -10.64	40.71 2.61 -0.01	47.00 3.02 0.00	59.61 3.97 0.00	65.69 4.40 -0.06	65.78 4.29 -0.59	75.01 4.64 -0.76	67.33 4.22 -0.34	70.46 4.52 0.00	58.55 3.63 -3.43	75.63 4.11 -13.32	71.81 3.66 -15.26	47.94 2.93 -2.96	58.22 3.29 -7.04	45.41 2.86 -0.01	43.92 2.68 0.00	46.48 2.79 0.00
DANC___LFGE 323619	48.72 -0.54 0.00	44.83 -0.96 0.00	40.31 -0.71 -0.16	47.76 -0.67 0.00	40.28 -0.59 0.00	34.57 -0.67 0.00	35.85 -0.95 -0.02	36.99 -1.16 -0.56	37.22 -0.87 0.00	43.66 -0.32 0.00	55.47 -0.17 0.00	60.95 -0.28 0.00	60.78 -0.15 -0.03	69.32 -0.33 -0.04	62.34 -0.46 -0.02	64.97 -0.97 0.00	50.77 -0.91 -0.18	57.95 -0.95 -0.70	53.01 -0.69 -0.80	41.36 -0.85 -0.16	47.74 -0.52 -0.37	41.34 -1.20 0.00	40.07 -1.17 0.00	42.52 -1.17 0.00
DANSKAMMER___1 23586	51.83 2.58 0.00	48.25 2.45 0.00	45.37 2.10 -2.42	50.89 2.46 0.00	42.92 2.04 0.00	37.10 1.86 0.00	39.12 2.03 -0.31	48.06 2.16 -8.31	40.18 2.09 -0.01	46.27 2.29 0.00	58.64 3.00 0.00	64.77 3.49 -0.05	64.93 3.57 -0.46	74.01 3.81 -0.59	66.38 3.34 -0.26	69.29 3.35 0.00	56.95 2.77 -2.67	71.88 3.27 -10.41	67.90 3.10 -11.91	46.80 2.44 -2.31	56.21 2.84 -5.50	45.03 2.48 -0.01	43.49 2.25 0.00	45.91 2.22 0.00
DANSKAMMER___2 23589	51.83 2.58 0.00	48.25 2.45 0.00	45.37 2.10 -2.42	50.89 2.46 0.00	42.92 2.04 0.00	37.10 1.86 0.00	39.12 2.03 -0.31	48.06 2.16 -8.31	40.18 2.09 -0.01	46.27 2.29 0.00	58.64 3.00 0.00	64.77 3.49 -0.05	64.93 3.57 -0.46	74.01 3.81 -0.59	66.38 3.34 -0.26	69.29 3.35 0.00	56.95 2.77 -2.67	71.88 3.27 -10.41	67.90 3.10 -11.91	46.80 2.44 -2.31	56.21 2.84 -5.50	45.03 2.48 -0.01	43.49 2.25 0.00	45.91 2.22 0.00
DANSKAMMER___3 23590	51.83 2.58 0.00	48.25 2.45 0.00	45.37 2.10 -2.42	50.89 2.46 0.00	42.92 2.04 0.00	37.10 1.86 0.00	39.12 2.03 -0.31	48.06 2.16 -8.31	40.18 2.09 -0.01	46.27 2.29 0.00	58.64 3.00 0.00	64.77 3.49 -0.05	64.93 3.57 -0.46	74.01 3.81 -0.59	66.38 3.34 -0.26	69.29 3.35 0.00	56.95 2.77 -2.67	71.88 3.27 -10.41	67.90 3.10 -11.91	46.80 2.44 -2.31	56.21 2.84 -5.50	45.03 2.48 -0.01	43.49 2.25 0.00	45.91 2.22 0.00

DANSKAMMER___4 23591	51.83 2.58 0.00	48.25 2.45 0.00	45.37 2.10 -2.42	50.89 2.46 0.00	42.92 2.04 0.00	37.10 1.86 0.00	39.12 2.03 -0.31	48.06 2.16 -8.31	40.18 2.09 -0.01	46.27 2.29 0.00	58.64 3.00 0.00	64.77 3.49 -0.05	64.93 3.57 -0.46	74.01 3.81 -0.59	66.38 3.34 -0.26	69.29 3.35 0.00	56.95 2.77 -2.67	71.88 3.27 -10.41	67.90 3.10 -11.91	46.80 2.44 -2.31	56.21 2.84 -5.50	45.03 2.48 -0.01	43.49 2.25 0.00	45.91 2.22 0.00
DANSKAMMER___DIESEL 23592	51.83 2.58 0.00	48.25 2.45 0.00	45.38 2.10 -2.42	50.89 2.46 0.00	42.92 2.04 0.00	37.10 1.86 0.00	39.12 2.03 -0.31	48.07 2.16 -8.31	40.18 2.09 -0.01	46.28 2.29 0.00	58.64 3.00 0.00	64.77 3.49 -0.05	64.93 3.57 -0.46	74.01 3.81 -0.59	66.37 3.33 -0.26	69.29 3.35 0.00	56.95 2.77 -2.67	71.88 3.27 -10.41	67.91 3.10 -11.91	46.81 2.45 -2.31	56.21 2.84 -5.50	45.02 2.48 -0.01	43.49 2.25 0.00	45.91 2.22 0.00
DARBY___SOLAR 323810	52.07 2.82 0.00	48.46 2.66 0.00	46.31 2.36 -3.09	51.25 2.81 -0.01	43.25 2.37 0.00	37.29 2.05 0.00	39.41 2.22 -0.40	50.53 2.32 -10.62	40.46 2.37 -0.01	46.70 2.71 0.00	59.22 3.58 0.00	65.27 3.97 -0.06	65.37 3.89 -0.59	74.54 4.17 -0.75	66.91 3.80 -0.34	70.00 4.06 0.00	58.18 3.25 -3.42	75.19 3.69 -13.30	71.43 3.31 -15.22	47.66 2.66 -2.95	57.89 2.98 -7.03	45.15 2.61 -0.01	43.67 2.43 0.00	46.24 2.54 0.00
DASHVILLE___HYD 23610	51.25 2.00 0.00	47.73 1.93 0.00	44.98 1.63 -2.50	50.38 1.95 0.00	42.48 1.60 0.00	36.68 1.44 0.00	38.69 1.58 -0.32	47.81 1.64 -8.58	39.73 1.64 -0.01	45.76 1.78 0.00	58.01 2.37 0.00	64.08 2.80 -0.05	64.18 2.81 -0.48	73.29 3.07 -0.61	65.67 2.63 -0.27	68.62 2.68 0.00	56.47 2.20 -2.76	71.56 2.62 -10.74	67.72 2.53 -12.30	46.35 1.91 -2.38	55.84 2.29 -5.68	44.57 2.02 -0.01	43.07 1.83 0.00	45.46 1.77 0.00
DELAWARE___LFGE 323621	50.44 1.19 0.00	46.93 1.14 0.00	42.95 1.02 -1.08	49.66 1.23 0.00	41.85 0.97 0.00	36.01 0.77 0.00	37.74 0.81 -0.14	42.14 0.84 -3.71	38.95 0.86 0.00	44.95 0.97 0.00	56.90 1.27 0.00	62.67 1.41 -0.02	62.49 1.39 -0.21	71.34 1.47 -0.26	64.13 1.23 -0.12	67.19 1.25 0.00	53.65 0.95 -1.19	63.96 1.13 -4.63	59.35 1.16 -5.30	43.96 0.88 -1.03	51.30 0.98 -2.45	43.36 0.82 0.00	41.99 0.75 0.00	44.48 0.79 0.00
DERFIELD_115KV_TB7 355931	49.45 0.20 0.00	45.98 0.18 0.00	41.06 0.20 0.00	48.67 0.25 0.00	41.08 0.20 0.00	35.41 0.17 0.00	36.97 0.18 0.00	37.78 0.19 0.00	38.27 0.19 0.00	44.21 0.22 0.00	55.97 0.33 0.00	61.60 0.37 0.00	61.24 0.34 0.00	69.96 0.35 0.00	63.09 0.32 0.00	66.26 0.32 0.00	51.71 0.21 0.00	58.45 0.25 0.00	53.12 0.23 0.00	42.22 0.17 0.00	48.07 0.19 0.00	42.69 0.15 0.00	41.40 0.16 0.00	43.87 0.17 0.00
DOGLEVILLE___HYD 23807	53.36 4.10 0.00	49.80 4.00 0.00	44.36 3.50 0.00	52.58 4.15 0.00	44.42 3.54 0.00	38.23 2.99 0.00	39.95 3.16 0.00	40.92 3.32 0.00	41.38 3.30 0.00	47.70 3.72 0.00	60.45 4.81 0.00	66.56 5.33 0.00	65.84 4.94 0.00	74.82 5.21 0.00	67.84 5.06 0.00	71.53 5.60 0.00	55.92 4.42 0.00	63.23 5.03 0.00	57.44 4.55 0.00	45.58 3.53 0.00	51.67 3.79 0.00	45.83 3.30 0.00	44.17 2.93 0.00	46.68 2.99 0.00
DUNKIRK___115KV_TB_200 55889	48.33 -0.92 0.00	44.30 -1.49 0.00	39.24 -2.04 -0.43	45.61 -2.83 0.00	38.57 -2.31 0.00	32.96 -2.28 0.00	34.56 -2.28 -0.06	36.75 -2.32 -1.48	35.85 -2.23 0.00	41.35 -2.63 0.00	51.57 -4.07 0.00	56.26 -4.98 -0.01	55.31 -5.67 -0.08	63.40 -6.31 -0.10	57.14 -5.68 -0.05	60.58 -5.36 0.00	47.70 -4.27 -0.47	55.74 -4.30 -1.83	49.77 -4.23 -1.11	39.98 -2.47 -0.41	46.04 -2.81 -0.97	39.95 -2.59 0.00	39.24 -2.00 0.00	42.32 -1.37 0.00
DUNKIRK___1 23563	48.33 -0.92 0.00	44.30 -1.49 0.00	39.24 -2.04 -0.43	45.61 -2.83 0.00	38.57 -2.31 0.00	32.96 -2.28 0.00	34.56 -2.28 -0.06	36.75 -2.32 -1.48	35.85 -2.23 0.00	41.35 -2.63 0.00	51.57 -4.07 0.00	56.26 -4.98 -0.01	55.31 -5.67 -0.08	63.40 -6.31 -0.10	57.14 -5.68 -0.05	60.58 -5.36 0.00	47.70 -4.27 -0.47	55.74 -4.30 -1.83	49.77 -4.23 -1.11	39.98 -2.47 -0.41	46.04 -2.81 -0.97	39.95 -2.59 0.00	39.24 -2.00 0.00	42.32 -1.37 0.00
DUNKIRK___2 23564	48.33 -0.92 0.00	44.30 -1.49 0.00	39.24 -2.04 -0.43	45.61 -2.83 0.00	38.57 -2.31 0.00	32.96 -2.28 0.00	34.56 -2.28 -0.06	36.75 -2.32 -1.48	35.85 -2.23 0.00	41.35 -2.63 0.00	51.57 -4.07 0.00	56.26 -4.98 -0.01	55.31 -5.67 -0.08	63.40 -6.31 -0.10	57.14 -5.68 -0.05	60.58 -5.36 0.00	47.70 -4.27 -0.47	55.74 -4.30 -1.83	49.77 -4.23 -1.11	39.98 -2.47 -0.41	46.04 -2.81 -0.97	39.95 -2.59 0.00	39.24 -2.00 0.00	42.32 -1.37 0.00
DUNKIRK___3 23565	48.30 -0.95 0.00	44.32 -1.48 0.00	39.24 -2.04 -0.42	45.68 -2.75 0.00	38.68 -2.20 0.00	33.12 -2.12 0.00	34.68 -2.16 -0.06	36.76 -2.31 -1.47	35.85 -2.24 0.00	41.44 -2.55 0.00	51.72 -3.92 0.00	56.49 -4.74 -0.01	55.57 -5.41 -0.08	63.72 -5.99 -0.10	57.44 -5.39 -0.05	60.82 -5.11 0.00	47.83 -4.15 -0.47	55.79 -4.24 -1.82	49.85 -4.16 -1.12	39.92 -2.53 -0.40	45.92 -2.92 -0.96	40.00 -2.54 0.00	39.33 -1.91 0.00	42.38 -1.31 0.00
DUNKIRK___4 23566	48.30 -0.95 0.00	44.32 -1.48 0.00	39.24 -2.04 -0.42	45.68 -2.75 0.00	38.68 -2.20 0.00	33.12 -2.12 0.00	34.68 -2.16 -0.06	36.76 -2.31 -1.47	35.85 -2.24 0.00	41.44 -2.55 0.00	51.72 -3.92 0.00	56.49 -4.74 -0.01	55.57 -5.41 -0.08	63.72 -5.99 -0.10	57.44 -5.39 -0.05	60.82 -5.11 0.00	47.83 -4.15 -0.47	55.79 -4.24 -1.82	49.85 -4.16 -1.12	39.92 -2.53 -0.40	45.92 -2.92 -0.96	40.00 -2.54 0.00	39.33 -1.91 0.00	42.38 -1.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.72 2.47 0.00	48.14 2.35 0.00	45.26 1.99 -2.42	50.73 2.30 0.00	42.80 1.92 0.00	37.02 1.77 0.00	39.03 1.93 -0.31	47.96 2.06 -8.30	40.08 1.98 -0.01	46.14 2.16 0.00	58.53 2.90 0.00	64.64 3.36 -0.05	64.86 3.50 -0.46	73.79 3.59 -0.59	66.13 3.09 -0.26	68.96 3.02 0.00	56.71 2.53 -2.67	71.62 3.03 -10.39	67.68 2.90 -11.90	46.63 2.27 -2.31	56.07 2.70 -5.49	44.94 2.39 -0.01	43.44 2.20 0.00	45.84 2.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.53 2.28 0.00	47.97 2.17 0.00	45.04 1.84 -2.35	50.58 2.15 0.00	42.67 1.79 0.00	36.88 1.64 0.00	38.87 1.79 -0.30	47.57 1.92 -8.06	39.92 1.83 -0.01	45.97 1.98 0.00	58.25 2.61 0.00	64.32 3.04 -0.05	64.48 3.13 -0.45	73.46 3.28 -0.57	65.89 2.86 -0.25	68.82 2.88 0.00	56.48 2.39 -2.59	71.13 2.84 -10.09	67.15 2.71 -11.55	46.41 2.12 -2.24	55.70 2.49 -5.33	44.70 2.16 -0.01	43.21 1.97 0.00	45.64 1.94 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.79 2.54 0.00	48.16 2.36 0.00	45.26 1.99 -2.42	50.73 2.30 0.00	42.80 1.92 0.00	37.02 1.78 0.00	39.06 1.97 -0.31	48.02 2.13 -8.30	40.14 2.05 -0.01	46.22 2.24 0.00	58.64 3.00 0.00	64.75 3.47 -0.05	64.98 3.62 -0.46	73.88 3.68 -0.59	66.16 3.12 -0.26	69.01 3.07 0.00	56.78 2.61 -2.67	71.60 3.01 -10.39	67.72 2.93 -11.90	46.61 2.26 -2.31	56.07 2.70 -5.49	44.99 2.45 -0.01	43.45 2.22 0.00	45.81 2.12 0.00

E179THST_13_KV_LOAD 356214	51.99 2.74 0.00	48.34 2.55 0.00	45.42 2.14 -2.42	50.91 2.48 0.00	42.94 2.06 0.00	37.16 1.92 0.00	39.21 2.11 -0.31	48.17 2.28 -8.30	40.30 2.21 -0.01	46.41 2.43 0.00	58.87 3.23 0.00	65.03 3.75 -0.05	65.27 3.91 -0.46	74.21 4.01 -0.59	66.46 3.42 -0.26	69.31 3.37 0.00	57.04 2.86 -2.67	71.90 3.30 -10.39	67.98 3.20 -11.90	46.83 2.47 -2.31	56.31 2.94 -5.49	45.19 2.65 -0.01	43.64 2.40 0.00	46.01 2.32 0.00
EAST HAMPTON___GT 23717	52.57 3.31 0.00	49.16 3.37 0.00	46.30 3.03 -2.42	52.63 4.19 0.00	45.05 4.17 0.00	39.41 4.17 0.00	41.37 4.28 -0.31	50.02 4.12 -8.30	42.07 3.98 -0.01	48.08 4.09 0.00	60.58 4.94 0.00	66.65 5.37 -0.05	67.74 6.34 -0.50	78.18 6.72 -1.84	70.60 6.47 -1.35	77.27 5.07 -6.26	62.02 3.96 -6.55	78.89 3.52 -17.16	72.92 2.14 -17.90	46.93 1.22 -3.66	55.23 1.86 -5.49	44.52 1.97 -0.01	42.98 1.74 0.00	45.09 1.39 0.00
EAST RIVER___6 23660	51.92 2.67 0.00	48.28 2.49 0.00	45.37 2.10 -2.42	50.85 2.42 0.00	42.90 2.02 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.16 -0.01	46.37 2.38 0.00	58.83 3.19 0.00	64.99 3.71 -0.05	65.19 3.83 -0.46	74.16 3.96 -0.59	66.46 3.42 -0.26	69.29 3.35 0.00	57.01 2.83 -2.67	71.95 3.35 -10.39	67.99 3.21 -11.90	46.87 2.52 -2.31	56.33 2.96 -5.49	45.16 2.61 -0.01	43.59 2.35 0.00	45.99 2.29 0.00
EAST RIVER___7 23524	51.92 2.67 0.00	48.28 2.49 0.00	45.37 2.10 -2.42	50.85 2.42 0.00	42.90 2.02 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.16 -0.01	46.37 2.38 0.00	58.83 3.19 0.00	64.99 3.71 -0.05	65.19 3.83 -0.46	74.16 3.96 -0.59	66.46 3.42 -0.26	69.29 3.35 0.00	57.01 2.83 -2.67	71.95 3.35 -10.39	67.99 3.21 -11.90	46.87 2.52 -2.31	56.33 2.96 -5.49	45.16 2.61 -0.01	43.59 2.35 0.00	45.99 2.29 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.63 2.37 0.00	48.06 2.26 0.00	45.18 1.91 -2.41	50.64 2.21 0.00	42.72 1.84 0.00	36.95 1.71 0.00	38.96 1.86 -0.31	47.87 1.99 -8.28	40.00 1.90 -0.01	46.05 2.07 0.00	58.42 2.78 0.00	64.49 3.21 -0.05	64.70 3.35 -0.46	73.64 3.44 -0.59	65.99 2.95 -0.26	68.83 2.90 0.00	56.60 2.43 -2.66	71.45 2.87 -10.37	67.52 2.76 -11.87	46.51 2.16 -2.30	55.92 2.56 -5.48	44.81 2.27 -0.01	43.32 2.08 0.00	45.73 2.03 0.00
EAST_HAMPTON___DIESEL 23722	52.48 3.22 0.00	49.08 3.29 0.00	46.26 2.98 -2.42	52.60 4.17 0.00	45.06 4.18 0.00	39.41 4.17 0.00	41.39 4.30 -0.31	50.03 4.13 -8.30	42.08 3.99 -0.01	48.08 4.10 0.00	60.56 4.93 0.00	66.61 5.33 -0.05	67.72 6.32 -0.50	78.17 6.72 -1.84	70.61 6.48 -1.35	77.24 5.04 -6.26	61.97 3.91 -6.55	78.77 3.41 -17.16	72.76 1.97 -17.90	46.80 1.09 -3.66	55.09 1.71 -5.49	44.39 1.85 -0.01	42.86 1.62 0.00	44.94 1.25 0.00
EAST_POINT___SOLAR 323840	50.66 1.41 0.00	46.92 1.13 0.00	45.30 1.01 -3.43	49.67 1.24 -0.01	41.90 1.02 0.00	36.15 0.92 0.00	38.24 1.01 -0.44	50.46 1.07 -11.80	39.17 1.07 -0.01	45.30 1.32 0.00	57.48 1.84 0.00	63.15 1.85 -0.07	63.09 1.53 -0.66	72.05 1.60 -0.84	65.09 1.94 -0.37	68.06 2.12 0.00	57.02 1.72 -3.79	75.06 2.10 -14.76	71.70 1.91 -16.90	46.60 1.28 -3.28	57.01 1.33 -7.80	43.62 1.07 -0.01	42.12 0.88 0.00	44.63 0.93 0.00
EAST_PULASKI___ESR 323781	48.30 -0.96 0.00	44.67 -1.13 0.00	40.04 -1.00 -0.19	47.27 -1.16 0.00	39.90 -0.98 0.00	34.38 -0.86 0.00	35.77 -1.03 -0.02	37.08 -1.14 -0.64	37.07 -1.02 0.00	43.15 -0.84 0.00	54.61 -1.03 0.00	60.08 -1.16 0.00	59.83 -1.10 -0.04	68.52 -1.14 -0.05	61.71 -1.08 -0.02	64.67 -1.26 0.00	50.63 -1.08 -0.21	57.78 -1.22 -0.80	52.67 -1.14 -0.91	41.21 -1.02 -0.18	47.30 -1.00 -0.42	41.37 -1.17 0.00	40.14 -1.10 0.00	42.52 -1.17 0.00
EAST_RIVER___1 323558	51.88 2.62 0.00	48.27 2.47 0.00	45.35 2.07 -2.42	50.82 2.39 0.00	42.88 2.00 0.00	37.10 1.86 0.00	39.14 2.05 -0.31	48.09 2.20 -8.30	40.22 2.13 -0.01	46.33 2.35 0.00	58.78 3.14 0.00	64.92 3.64 -0.05	65.13 3.77 -0.46	74.09 3.89 -0.59	66.38 3.34 -0.26	69.22 3.29 0.00	56.94 2.76 -2.67	71.84 3.25 -10.39	67.91 3.12 -11.90	46.82 2.46 -2.31	56.26 2.89 -5.49	45.11 2.57 -0.01	43.57 2.33 0.00	45.96 2.26 0.00
EAST_RIVER___2 323559	51.92 2.67 0.00	48.28 2.49 0.00	45.37 2.10 -2.42	50.85 2.42 0.00	42.90 2.02 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.16 -0.01	46.37 2.38 0.00	58.83 3.19 0.00	64.99 3.71 -0.05	65.19 3.83 -0.46	74.16 3.96 -0.59	66.46 3.42 -0.26	69.29 3.35 0.00	57.01 2.83 -2.67	71.95 3.35 -10.39	67.99 3.21 -11.90	46.87 2.52 -2.31	56.33 2.96 -5.49	45.16 2.61 -0.01	43.59 2.35 0.00	45.99 2.29 0.00
EAST___DELAWARE_HYD 23607	50.94 1.69 0.00	47.41 1.61 0.00	44.41 1.35 -2.22	50.01 1.58 0.00	42.18 1.30 0.00	36.44 1.21 0.00	38.42 1.35 -0.29	46.69 1.48 -7.61	39.53 1.43 -0.01	45.52 1.54 0.00	57.66 2.02 0.00	63.60 2.33 -0.05	63.78 2.46 -0.42	72.70 2.55 -0.54	65.27 2.25 -0.24	68.17 2.24 0.00	55.89 1.94 -2.45	70.07 2.35 -9.52	66.03 2.24 -10.90	45.92 1.75 -2.11	54.93 2.02 -5.03	44.26 1.72 -0.01	42.75 1.51 0.00	45.10 1.41 0.00
EIGHT_POINT___WT_PWR 323820	49.03 -0.22 0.00	44.86 -0.94 0.00	39.78 -1.62 -0.54	46.11 -2.31 0.00	39.04 -1.84 0.00	33.37 -1.87 0.00	34.59 -2.27 -0.07	37.19 -2.38 -1.98	35.62 -2.46 0.00	41.61 -2.37 0.00	51.65 -3.99 0.00	56.14 -5.10 -0.01	54.88 -6.13 -0.11	62.51 -7.23 -0.13	56.38 -6.45 -0.06	59.86 -6.08 0.00	47.42 -4.69 -0.60	55.53 -5.01 -2.34	47.82 -4.82 0.25	39.25 -3.32 -0.52	45.20 -3.91 -1.24	39.23 -3.31 0.00	38.26 -2.98 0.00	40.60 -3.10 0.00
ELBRIDGE_115KV_TB2 80188	48.37 -0.88 0.00	44.90 -0.90 0.00	40.24 -0.89 -0.27	47.25 -1.18 0.00	39.98 -0.90 0.00	34.51 -0.73 0.00	36.06 -0.76 -0.04	37.71 -0.82 -0.93	37.29 -0.80 0.00	43.04 -0.94 0.00	54.36 -1.28 0.00	59.85 -1.39 -0.01	59.50 -1.45 -0.05	68.32 -1.36 -0.07	61.61 -1.19 -0.03	64.78 -1.16 0.00	50.92 -0.88 -0.30	58.38 -0.99 -1.17	53.50 -1.04 -1.65	41.45 -0.86 -0.26	47.47 -1.03 -0.62	41.63 -0.91 0.00	40.41 -0.83 0.00	42.83 -0.87 0.00
ELEC_TRO_TEK 24086	52.02 2.77 0.00	48.48 2.68 0.00	45.53 2.26 -2.42	51.07 2.64 0.00	43.13 2.25 0.00	37.38 2.14 0.00	39.26 2.17 -0.31	48.03 2.14 -8.30	40.17 2.08 -0.01	46.29 2.31 0.00	58.94 3.30 0.00	65.06 3.78 -0.05	65.59 4.17 -0.52	74.08 3.88 -0.59	66.45 3.42 -0.26	69.06 3.12 0.00	56.81 2.64 -2.67	71.69 3.09 -10.39	67.72 2.93 -11.90	46.61 2.25 -2.31	56.23 2.86 -5.49	45.18 2.64 -0.01	43.77 2.53 0.00	46.17 2.47 0.00
ELLENBURG_WT_PWR 323604	49.77 0.51 0.00	45.42 -0.37 0.00	41.33 0.48 0.00	49.27 0.85 0.00	41.57 0.69 0.00	35.70 0.46 0.00	37.02 0.24 0.00	38.34 0.75 0.00	39.11 1.02 0.00	45.66 1.68 0.00	57.63 1.99 0.00	63.21 1.98 0.00	63.04 2.14 0.00	71.31 1.70 0.00	64.24 1.46 0.00	67.67 1.73 0.00	52.83 1.33 0.00	59.82 1.62 0.00	54.11 1.22 0.00	43.23 1.18 0.00	48.85 0.97 0.00	43.83 1.29 0.00	42.67 1.44 0.00	45.77 2.08 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	48.31 -0.94 0.00	44.31 -1.49 0.00	39.15 -2.11 -0.40	45.70 -2.73 0.00	38.73 -2.15 0.00	33.30 -1.94 0.00	34.79 -2.04 -0.05	36.61 -2.37 -1.39	35.74 -2.34 0.00	41.55 -2.43 0.00	51.89 -3.75 0.00	56.78 -4.46 -0.01	55.95 -5.03 -0.08	64.14 -5.57 -0.10	57.81 -5.01 -0.04	61.22 -4.72 0.00	47.91 -4.04 -0.44	55.64 -4.29 -1.72	49.87 -4.10 -1.08	39.77 -2.66 -0.38	45.61 -3.18 -0.91	40.13 -2.41 0.00	39.53 -1.71 0.00	42.55 -1.14 0.00
EMPIRE_CC_1 323656	50.32 1.08 0.00	47.05 1.26 0.00	44.94 1.16 -2.92	49.79 1.36 0.00	42.03 1.15 0.00	36.22 0.98 0.00	38.16 1.00 -0.38	48.57 0.96 -10.02	39.00 0.91 -0.01	44.94 0.95 0.00	56.90 1.26 0.00	62.68 1.39 -0.06	62.86 1.41 -0.56	71.78 1.46 -0.71	64.38 1.28 -0.32	67.23 1.29 0.00	55.76 1.03 -3.22	71.90 1.15 -12.54	68.47 1.22 -14.36	45.84 1.00 -2.78	55.66 1.16 -6.63	43.57 1.02 -0.01	42.17 0.93 0.00	44.74 1.05 0.00
EMPIRE_CC_2 323658	50.32 1.08 0.00	47.05 1.26 0.00	44.94 1.16 -2.92	49.79 1.36 0.00	42.03 1.15 0.00	36.22 0.98 0.00	38.16 1.00 -0.38	48.57 0.96 -10.02	39.00 0.91 -0.01	44.94 0.95 0.00	56.90 1.26 0.00	62.68 1.39 -0.06	62.86 1.41 -0.56	71.78 1.46 -0.71	64.38 1.28 -0.32	67.23 1.29 0.00	55.76 1.03 -3.22	71.90 1.15 -12.54	68.47 1.22 -14.36	45.84 1.00 -2.78	55.66 1.16 -6.63	43.57 1.02 -0.01	42.17 0.93 0.00	44.74 1.05 0.00
ENORWICH_115KV_TB1 80156	52.36 3.11 0.00	48.52 2.72 0.00	43.95 2.32 -0.78	51.06 2.63 0.00	43.08 2.20 0.00	36.93 1.70 0.00	38.48 1.59 -0.10	41.94 1.64 -2.71	39.86 1.77 0.00	46.23 2.24 0.00	58.68 3.04 0.00	64.67 3.42 -0.02	64.24 3.19 -0.15	73.48 3.68 -0.19	65.71 2.85 -0.08	69.09 3.16 0.00	54.74 2.37 -0.87	64.60 3.02 -3.37	61.43 2.83 -5.71	44.82 2.03 -0.75	51.42 1.76 -1.78	43.82 1.28 0.00	42.55 1.31 0.00	44.89 1.20 0.00
ERIE_ST__34_KV_TB1-2 80199	48.83 -0.42 0.00	44.82 -0.98 0.00	39.62 -1.65 -0.42	46.26 -2.16 0.00	39.24 -1.64 0.00	33.74 -1.50 0.00	35.25 -1.59 -0.05	37.07 -1.97 -1.45	36.24 -1.85 0.00	42.12 -1.86 0.00	52.68 -2.96 0.00	57.57 -3.67 -0.01	56.68 -4.30 -0.08	65.07 -4.65 -0.10	58.68 -4.14 -0.05	62.13 -3.81 0.00	48.66 -3.30 -0.46	56.61 -3.38 -1.80	50.71 -3.31 -1.13	40.37 -2.07 -0.40	46.30 -2.53 -0.95	40.68 -1.85 0.00	40.05 -1.19 0.00	43.06 -0.63 0.00
ERIE_WT_PWR 323693	48.62 -0.63 0.00	44.59 -1.21 0.00	39.40 -1.87 -0.41	45.98 -2.45 0.00	38.96 -1.92 0.00	33.44 -1.80 0.00	34.97 -1.86 -0.05	36.85 -2.17 -1.43	35.99 -2.10 0.00	41.80 -2.19 0.00	52.20 -3.44 0.00	57.07 -4.17 -0.01	56.20 -4.78 -0.08	64.43 -5.29 -0.10	58.11 -4.71 -0.05	61.54 -4.40 0.00	48.15 -3.81 -0.45	56.01 -3.96 -1.77	50.12 -3.87 -1.10	39.97 -2.47 -0.39	45.87 -2.95 -0.94	40.32 -2.22 0.00	39.70 -1.54 0.00	42.73 -0.96 0.00
ESPRGFLD_115KV_TB1 80157	49.54 0.28 0.00	45.89 0.09 0.00	41.01 0.08 -0.08	48.55 0.12 0.00	40.94 0.06 0.00	35.25 0.01 0.00	36.79 0.00 -0.01	37.86 0.00 -0.27	38.14 0.06 0.00	44.12 0.14 0.00	55.89 0.25 0.00	61.49 0.26 0.00	61.13 0.21 -0.01	69.81 0.18 -0.02	62.92 0.14 -0.01	66.04 0.11 0.00	51.58 -0.01 -0.08	58.62 0.09 -0.33	53.44 0.17 -0.38	42.02 0.10 -0.07	47.81 -0.25 -0.17	42.24 -0.30 0.00	40.91 -0.34 0.00	43.39 -0.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.69 0.44 0.00	46.12 0.32 0.00	41.60 0.16 -0.58	48.52 0.09 0.00	41.03 0.15 0.00	35.35 0.11 0.00	36.98 0.12 -0.07	39.71 0.12 -2.00	38.26 0.17 0.00	44.24 0.25 0.00	55.87 0.23 0.00	61.45 0.20 -0.01	61.08 0.06 -0.11	69.90 0.15 -0.14	62.95 0.11 -0.06	66.23 0.29 0.00	52.43 0.29 -0.64	61.10 0.42 -2.48	60.59 0.30 -7.40	42.88 0.28 -0.55	49.38 0.19 -1.31	42.60 0.06 0.00	41.34 0.09 0.00	43.83 0.13 0.00
ETNA____115KV_TB2 80207	49.69 0.44 0.00	46.12 0.32 0.00	41.60 0.16 -0.58	48.52 0.09 0.00	41.03 0.15 0.00	35.35 0.11 0.00	36.98 0.12 -0.07	39.71 0.12 -2.00	38.26 0.17 0.00	44.24 0.25 0.00	55.87 0.23 0.00	61.45 0.20 -0.01	61.08 0.06 -0.11	69.90 0.15 -0.14	62.95 0.11 -0.06	66.23 0.29 0.00	52.43 0.29 -0.64	61.10 0.42 -2.48	60.59 0.30 -7.40	42.88 0.28 -0.55	49.38 0.19 -1.31	42.60 0.06 0.00	41.34 0.09 0.00	43.83 0.13 0.00
EUCLID__115KV_TB2 356179	48.13 -1.12 0.00	44.69 -1.10 0.00	39.98 -1.08 -0.21	47.09 -1.34 0.00	39.80 -1.07 0.00	34.35 -0.89 -0.03	35.88 -0.93 -0.72	37.31 -1.00 -0.72	37.10 -0.99 0.00	42.88 -1.10 0.00	54.17 -1.47 0.00	59.58 -1.65 0.00	59.27 -1.67 -0.04	68.02 -1.64 -0.05	61.37 -1.43 -0.02	64.51 -1.43 0.00	50.60 -1.13 -0.23	57.79 -1.31 -0.90	52.62 -1.31 -1.04	41.23 -1.02 -0.20	47.16 -1.20 -0.48	41.45 -1.09 0.00	40.22 -1.02 0.00	42.63 -1.06 0.00
E_CANADA_CAP_HY 24051	49.12 -0.13 0.00	45.49 -0.31 0.00	44.18 -0.26 -3.58	48.19 -0.24 -0.01	40.63 -0.24 0.00	35.05 -0.19 0.00	37.06 -0.19 -0.46	49.69 -0.19 -12.28	37.97 -0.13 -0.01	43.86 -0.13 0.00	55.66 0.02 0.00	61.25 -0.05 -0.07	61.43 -0.15 -0.68	70.12 -0.36 -0.87	62.94 -0.23 -0.39	65.74 -0.20 0.00	55.24 -0.21 -3.95	73.39 -0.18 -15.37	70.36 -0.13 -17.60	45.07 -0.39 -3.41	55.49 -0.52 -8.12	42.07 -0.48 -0.01	40.65 -0.59 0.00	43.17 -0.53 0.00
E_CANADA_MHWK_HY 24050	53.36 4.10 0.00	49.80 4.00 0.00	44.36 3.50 0.00	52.58 4.15 0.00	44.42 3.54 0.00	38.23 2.99 0.00	39.95 3.16 0.00	40.92 3.32 0.00	41.38 3.30 0.00	47.70 3.71 0.00	60.45 4.81 0.00	66.56 5.33 0.00	65.84 4.94 0.00	74.82 5.21 0.00	67.84 5.06 0.00	71.53 5.60 0.00	55.92 4.42 0.00	63.23 5.03 0.00	57.44 4.55 0.00	45.58 3.53 0.00	51.67 3.79 0.00	45.83 3.30 0.00	44.17 2.93 0.00	46.68 2.99 0.00
E_FISHKILL__LBMP 23776	51.26 2.00 0.00	47.74 1.94 0.00	44.97 1.65 -2.47	50.36 1.92 0.00	42.47 1.59 0.00	36.70 1.46 0.00	38.70 1.60 -0.32	47.76 1.70 -8.47	39.72 1.63 -0.01	45.75 1.76 0.00	58.00 2.36 0.00	64.02 2.74 -0.05	64.23 2.86 -0.47	73.11 2.90 -0.60	65.56 2.51 -0.27	68.40 2.47 0.00	56.28 2.05 -2.73	71.24 2.43 -10.60	67.39 2.36 -12.14	46.25 1.85 -2.35	55.67 2.19 -5.60	44.48 1.93 -0.01	43.01 1.77 0.00	45.41 1.72 0.00
FALCON__SEABRD_CC1 323796	50.54 1.29 0.00	46.12 0.33 0.00	41.92 1.06 0.00	49.92 1.50 0.00	42.15 1.28 0.00	36.22 0.99 0.00	37.60 0.82 0.00	38.96 1.37 0.00	39.70 1.61 0.00	46.32 2.34 0.00	58.44 2.80 0.00	64.15 2.92 0.00	63.94 3.04 0.00	72.28 2.66 0.00	65.19 2.41 0.00	68.73 2.80 0.00	53.68 2.18 0.00	60.75 2.55 0.00	54.82 1.93 0.00	43.86 1.81 0.00	49.55 1.68 0.00	44.40 1.87 0.00	43.25 2.01 0.00	46.34 2.65 0.00
FALCON__SEABRD_CC2 323797	50.54 1.29 0.00	46.12 0.33 0.00	41.92 1.06 0.00	49.92 1.50 0.00	42.15 1.28 0.00	36.22 0.99 0.00	37.60 0.82 0.00	38.96 1.37 0.00	39.70 1.61 0.00	46.32 2.34 0.00	58.44 2.80 0.00	64.15 2.92 0.00	63.94 3.04 0.00	72.28 2.66 0.00	65.19 2.41 0.00	68.73 2.80 0.00	53.68 2.18 0.00	60.75 2.55 0.00	54.82 1.93 0.00	43.86 1.81 0.00	49.55 1.68 0.00	44.40 1.87 0.00	43.25 2.01 0.00	46.34 2.65 0.00

FAR ROCKAWAY___4 23548	52.69 3.44 0.00	49.07 3.28 0.00	46.03 2.76 -2.42	51.67 3.24 0.00	43.63 2.75 0.00	37.82 2.58 0.00	39.52 2.42 -0.31	48.34 2.44 -8.30	40.41 2.32 -0.01	46.60 2.62 0.00	59.44 3.79 0.00	65.64 4.36 -0.05	66.20 4.79 -0.52	74.78 4.58 -0.59	67.08 4.04 -0.26	69.77 3.83 0.00	57.54 3.37 -2.67	72.56 3.96 -10.39	68.49 3.70 -11.90	47.21 2.86 -2.31	56.95 3.58 -5.49	45.80 3.25 -0.01	44.34 3.10 0.00	46.76 3.07 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.92 2.67 0.00	48.30 2.50 0.00	45.39 2.11 -2.42	50.87 2.44 0.00	42.92 2.04 0.00	37.13 1.89 0.00	39.17 2.07 -0.31	48.13 2.23 -8.30	40.25 2.16 -0.01	46.36 2.38 0.00	58.83 3.19 0.00	64.96 3.68 -0.05	65.18 3.82 -0.46	74.13 3.93 -0.59	66.42 3.38 -0.26	69.27 3.33 0.00	56.98 2.81 -2.67	71.89 3.30 -10.39	67.95 3.16 -11.90	46.84 2.48 -2.31	56.28 2.91 -5.49	45.14 2.60 -0.01	43.60 2.36 0.00	45.99 2.30 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.96 2.71 0.00	48.33 2.53 0.00	45.40 2.13 -2.42	50.89 2.46 0.00	42.93 2.05 0.00	37.15 1.91 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.27 2.18 -0.01	46.38 2.40 0.00	58.84 3.20 0.00	64.99 3.71 -0.05	65.19 3.83 -0.46	74.16 3.96 -0.59	66.45 3.41 -0.26	69.29 3.36 0.00	57.00 2.83 -2.67	71.92 3.33 -10.39	67.98 3.20 -11.90	46.86 2.50 -2.31	56.32 2.95 -5.49	45.16 2.62 -0.01	43.63 2.39 0.00	46.02 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.90 2.65 0.00	48.28 2.48 0.00	45.36 2.09 -2.42	50.85 2.42 0.00	42.89 2.01 0.00	37.11 1.87 0.00	39.16 2.06 -0.31	48.11 2.22 -8.30	40.24 2.14 -0.01	46.34 2.36 0.00	58.79 3.15 0.00	64.93 3.65 -0.05	65.13 3.76 -0.46	74.09 3.89 -0.59	66.38 3.34 -0.26	69.22 3.29 0.00	56.94 2.76 -2.67	71.85 3.26 -10.39	67.91 3.12 -11.90	46.81 2.45 -2.31	56.26 2.89 -5.49	45.12 2.57 -0.01	43.59 2.35 0.00	45.97 2.28 0.00
FARRAGUT___LBMP 323566	51.87 2.62 0.00	48.24 2.44 0.00	45.34 2.07 -2.42	50.82 2.39 0.00	42.87 1.99 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.09 2.19 -8.30	40.21 2.12 -0.01	46.31 2.33 0.00	58.76 3.12 0.00	64.88 3.60 -0.05	65.11 3.75 -0.46	74.04 3.84 -0.59	66.34 3.30 -0.26	69.17 3.24 0.00	56.91 2.74 -2.67	71.81 3.22 -10.39	67.88 3.09 -11.90	46.77 2.42 -2.31	56.23 2.86 -5.49	45.09 2.54 -0.01	43.56 2.31 0.00	45.94 2.25 0.00
FENNER___WINDPWR 24204	49.91 0.66 0.00	46.36 0.56 0.00	41.68 0.51 -0.31	49.02 0.59 0.00	41.38 0.50 0.00	35.67 0.43 0.00	37.25 0.43 -0.04	39.09 0.43 -1.07	38.58 0.49 0.00	44.67 0.69 0.00	56.52 0.88 0.00	62.20 0.96 -0.01	61.92 0.96 -0.06	70.88 1.19 -0.08	63.82 1.01 -0.03	66.96 1.02 0.00	52.68 0.83 -0.34	60.44 0.90 -1.33	55.94 0.65 -2.40	42.77 0.42 -0.29	49.03 0.45 -0.70	42.78 0.24 0.00	41.44 0.20 0.00	43.94 0.24 0.00
FIBERTEK___ENERGY 23856	48.57 -0.68 0.00	45.10 -0.70 0.00	40.40 -0.72 -0.26	47.50 -0.93 0.00	40.17 -0.71 0.00	34.67 -0.58 0.00	36.22 -0.59 -0.03	37.84 -0.63 -0.88	37.47 -0.62 0.00	43.30 -0.68 0.00	54.71 -0.93 0.00	60.21 -1.02 0.00	59.90 -1.05 -0.05	68.74 -0.93 -0.06	62.01 -0.79 -0.03	65.19 -0.74 0.00	51.22 -0.57 -0.28	58.66 -0.65 -1.11	53.71 -0.73 -1.54	41.71 -0.58 -0.24	47.74 -0.73 -0.58	41.86 -0.68 0.00	40.61 -0.63 0.00	43.03 -0.66 0.00
FITZPATRICK___ 23598	47.44 -1.82 0.00	44.05 -1.74 0.00	39.41 -1.61 -0.16	46.47 -1.96 0.00	39.29 -1.59 0.00	33.92 -1.32 0.00	35.39 -1.41 -0.02	36.66 -1.47 -0.55	36.61 -1.48 0.00	42.29 -1.69 0.00	53.43 -2.21 0.00	58.77 -2.46 0.00	58.44 -2.49 -0.03	67.13 -2.52 -0.04	60.59 -2.20 -0.02	63.67 -2.27 0.00	49.90 -1.78 -0.18	56.79 -2.10 -0.69	51.66 -2.02 -0.78	40.59 -1.61 -0.15	46.37 -1.87 -0.36	40.87 -1.67 0.00	39.67 -1.57 0.00	42.05 -1.64 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.93 2.68 0.00	48.34 2.55 0.00	45.47 2.18 -2.43	50.99 2.56 0.00	43.01 2.13 0.00	37.17 1.93 0.00	39.21 2.11 -0.31	48.19 2.24 -8.36	40.27 2.18 -0.01	46.38 2.39 0.00	58.78 3.14 0.00	64.91 3.63 -0.05	65.10 3.73 -0.46	74.17 3.96 -0.59	66.52 3.48 -0.26	69.45 3.51 0.00	57.09 2.90 -2.69	72.08 3.42 -10.46	68.09 3.23 -11.98	46.91 2.54 -2.32	56.35 2.95 -5.53	45.12 2.57 -0.01	43.59 2.35 0.00	46.00 2.31 0.00
FORT ORANGE___ 23900	50.54 1.28 0.00	47.20 1.40 0.00	45.09 1.25 -2.98	49.92 1.49 0.00	42.16 1.28 0.00	36.36 1.13 0.00	38.36 1.20 -0.39	49.00 1.17 -10.23	39.31 1.22 -0.01	45.29 1.30 0.00	57.30 1.66 0.00	63.14 1.85 -0.06	63.22 1.75 -0.57	72.25 1.91 -0.73	64.84 1.74 -0.32	67.77 1.83 0.00	56.31 1.52 -3.29	72.73 1.73 -12.80	69.22 1.67 -14.66	46.27 1.38 -2.84	56.18 1.53 -6.76	43.91 1.36 -0.01	42.46 1.22 0.00	44.94 1.24 0.00
FORT_DRUM_COGEN 23780	49.51 0.26 0.00	45.38 -0.42 0.00	40.91 -0.07 -0.13	48.59 0.16 0.00	40.98 0.11 0.00	35.07 -0.17 0.00	36.29 -0.51 -0.02	37.27 -0.77 -0.45	37.78 -0.31 0.00	44.59 0.61 0.00	56.78 1.14 0.00	62.29 1.06 0.00	62.23 1.31 -0.03	70.78 1.13 -0.03	63.59 0.80 -0.01	66.08 0.14 0.00	51.55 -0.10 -0.14	58.83 0.07 -0.56	53.90 0.37 -0.64	41.98 -0.19 -0.12	48.69 0.51 -0.30	41.92 -0.62 0.00	40.56 -0.67 0.00	43.08 -0.62 0.00
FOX_HILLS___ESR 323835	51.74 2.49 0.00	48.14 2.34 0.00	45.24 1.97 -2.42	50.70 2.27 0.00	42.76 1.88 0.00	37.02 1.78 0.00	39.06 1.96 -0.31	48.03 2.14 -8.30	40.12 2.03 -0.01	46.18 2.20 0.00	58.52 2.89 0.00	64.66 3.38 -0.05	64.87 3.51 -0.46	73.78 3.58 -0.59	66.06 3.02 -0.26	68.93 2.99 0.00	56.77 2.59 -2.67	71.63 3.04 -10.39	67.78 2.99 -11.90	46.68 2.32 -2.31	56.15 2.78 -5.49	45.03 2.48 -0.01	43.46 2.22 0.00	45.84 2.14 0.00
FPL_FAR_ROCK_GT1 24212	52.70 3.44 0.00	49.08 3.28 0.00	46.03 2.76 -2.42	51.67 3.24 0.00	43.63 2.75 0.00	37.82 2.58 0.00	39.52 2.43 -0.31	48.34 2.44 -8.30	40.41 2.32 -0.01	46.60 2.62 0.00	59.43 3.80 0.00	65.65 4.37 -0.05	66.19 4.78 -0.52	74.78 4.58 -0.59	67.08 4.04 -0.26	69.77 3.83 0.00	57.54 3.37 -2.67	72.56 3.96 -10.39	68.49 3.70 -11.90	47.22 2.86 -2.31	56.95 3.57 -5.49	45.80 3.26 -0.01	44.34 3.10 0.00	46.76 3.07 0.00
FPL_FAR_ROCK_GT2 23815	52.70 3.44 0.00	49.08 3.28 0.00	46.03 2.76 -2.42	51.67 3.24 0.00	43.63 2.75 0.00	37.82 2.58 0.00	39.52 2.43 -0.31	48.34 2.44 -8.30	40.41 2.32 -0.01	46.60 2.62 0.00	59.43 3.80 0.00	65.65 4.37 -0.05	66.19 4.78 -0.52	74.78 4.58 -0.59	67.08 4.04 -0.26	69.77 3.83 0.00	57.54 3.37 -2.67	72.56 3.96 -10.39	68.49 3.70 -11.90	47.22 2.86 -2.31	56.95 3.57 -5.49	45.80 3.26 -0.01	44.34 3.10 0.00	46.76 3.07 0.00
FRANKLIN_FALL_HYD 24054	50.48 1.23 0.00	46.01 0.21 0.00	41.83 0.98 0.00	49.92 1.50 0.00	42.12 1.25 0.00	36.14 0.90 0.00	37.45 0.66 0.00	38.79 1.20 0.00	39.61 1.53 0.00	46.35 2.36 0.00	58.52 2.88 0.00	64.17 2.94 0.00	63.91 3.02 0.00	72.24 2.63 0.00	65.08 2.30 0.00	68.57 2.63 0.00	53.44 1.94 0.00	60.63 2.42 0.00	54.84 1.95 0.00	43.78 1.73 0.00	49.52 1.64 0.00	44.42 1.88 0.00	43.27 2.03 0.00	46.40 2.71 0.00

FREEPORT_EQUS_GT1 23764	52.35 3.10 0.00	48.79 2.99 0.00	45.78 2.51 -2.42	51.37 2.94 0.00	43.39 2.52 0.00	37.63 2.39 0.00	39.53 2.43 -0.31	48.27 2.37 -8.30	40.38 2.29 -0.01	46.53 2.55 0.00	59.27 3.63 0.00	65.47 4.19 -0.05	66.07 4.67 -0.51	74.53 4.33 -0.59	66.74 3.70 -0.26	69.48 3.54 0.00	56.96 2.79 -2.67	71.92 3.33 -10.39	67.95 3.16 -11.90	46.78 2.43 -2.31	56.59 3.22 -5.49	45.51 2.96 -0.01	44.12 2.88 0.00	46.50 2.80 0.00
FREEPORT___CT2 23818	52.35 3.10 0.00	48.79 2.99 0.00	45.78 2.51 -2.42	51.37 2.94 0.00	43.39 2.52 0.00	37.63 2.39 0.00	39.53 2.43 -0.31	48.27 2.37 -8.30	40.38 2.29 -0.01	46.53 2.55 0.00	59.27 3.63 0.00	65.47 4.19 -0.05	66.07 4.67 -0.51	74.53 4.33 -0.59	66.74 3.70 -0.26	69.48 3.54 0.00	56.96 2.79 -2.67	71.92 3.33 -10.39	67.95 3.16 -11.90	46.78 2.43 -2.31	56.59 3.22 -5.49	45.51 2.96 -0.01	44.12 2.88 0.00	46.50 2.80 0.00
FRESHKLS_33_KV_LOAD 356253	51.77 2.52 0.00	48.17 2.38 0.00	45.27 2.00 -2.42	50.74 2.30 0.00	42.81 1.93 0.00	37.05 1.82 0.00	39.09 2.00 -0.31	48.07 2.17 -8.30	40.14 2.05 -0.01	46.20 2.22 0.00	58.50 2.86 0.00	64.65 3.37 -0.05	64.85 3.49 -0.46	73.77 3.57 -0.59	66.06 3.02 -0.26	68.96 3.03 0.00	56.80 2.62 -2.67	71.69 3.10 -10.39	67.84 3.05 -11.90	46.72 2.37 -2.31	56.20 2.83 -5.49	45.06 2.51 -0.01	43.49 2.25 0.00	45.85 2.16 0.00
FULTON COGEN____ 23766	47.68 -1.57 0.00	44.26 -1.53 0.00	39.61 -1.44 -0.20	46.66 -1.76 0.00	39.44 -1.44 0.00	34.05 -1.18 0.00	35.55 -1.26 -0.03	36.97 -1.31 -0.69	36.76 -1.33 0.00	42.50 -1.48 0.00	53.69 -1.95 0.00	59.06 -2.17 0.00	58.75 -2.18 -0.04	67.45 -2.22 -0.05	60.88 -1.91 -0.02	63.97 -1.97 0.00	50.18 -1.55 -0.22	57.28 -1.78 -0.86	52.13 -1.76 -0.99	40.85 -1.39 -0.19	46.73 -1.61 -0.46	41.04 -1.50 0.00	39.82 -1.42 0.00	42.17 -1.53 0.00
FULTON___LFGE 323630	50.48 1.23 0.00	46.82 1.02 0.00	45.18 0.93 -3.40	49.55 1.11 -0.01	41.80 0.92 0.00	36.05 0.81 0.00	38.12 0.89 -0.44	50.22 0.94 -11.69	39.08 0.99 -0.01	45.08 1.10 0.00	57.24 1.60 0.00	62.97 1.67 -0.07	62.99 1.44 -0.65	71.83 1.39 -0.83	64.67 1.53 -0.37	67.78 1.84 0.00	56.75 1.49 -3.76	74.61 1.78 -14.63	71.25 1.61 -16.75	46.40 1.11 -3.25	56.78 1.17 -7.73	43.53 0.98 -0.01	42.07 0.83 0.00	44.58 0.89 0.00
G.F.CEMENT___DRP 24184	53.05 3.80 0.00	49.24 3.44 0.00	47.02 3.06 -3.11	52.04 3.61 -0.01	43.97 3.09 0.00	37.92 2.68 0.00	40.13 2.94 -0.40	51.37 3.10 -10.68	41.28 3.19 -0.01	47.67 3.68 0.00	60.54 4.90 0.00	66.72 5.42 -0.06	66.75 5.26 -0.59	75.98 5.61 -0.76	68.27 5.15 -0.34	71.46 5.52 0.00	59.35 4.41 -3.44	76.50 4.93 -13.37	72.54 4.34 -15.31	48.50 3.49 -2.97	58.84 3.89 -7.06	45.94 3.40 -0.01	44.45 3.21 0.00	47.04 3.35 0.00
GARDENVILLE___LBMP 24039	48.40 -0.85 0.00	44.39 -1.41 0.00	39.24 -2.03 -0.41	45.78 -2.65 0.00	38.80 -2.08 0.00	33.32 -1.92 0.00	34.83 -2.01 -0.05	36.69 -2.32 -1.42	35.81 -2.27 0.00	41.59 -2.39 0.00	51.96 -3.68 0.00	56.81 -4.43 -0.01	55.95 -5.03 -0.08	64.15 -5.56 -0.10	57.84 -4.98 -0.05	61.25 -4.69 0.00	47.96 -4.00 -0.45	55.76 -4.21 -1.76	49.91 -4.06 -1.08	39.82 -2.62 -0.39	45.69 -3.12 -0.93	40.13 -2.41 0.00	39.52 -1.72 0.00	42.55 -1.15 0.00
GARDNVLA_35_KV_LD 355827	48.79 -0.47 0.00	44.72 -1.07 0.00	39.52 -1.75 -0.41	46.13 -2.30 0.00	39.09 -1.79 0.00	33.58 -1.66 0.00	35.11 -1.72 -0.05	36.99 -2.03 -1.43	36.12 -1.97 0.00	41.99 -1.99 0.00	52.45 -3.19 0.00	57.37 -3.87 -0.01	56.51 -4.47 -0.08	64.79 -4.92 -0.10	58.44 -4.38 -0.05	61.86 -4.08 0.00	48.44 -3.52 -0.46	56.32 -3.66 -1.77	50.42 -3.58 -1.11	40.20 -2.24 -0.39	46.12 -2.70 -0.94	40.52 -2.02 0.00	39.89 -1.35 0.00	42.91 -0.78 0.00
GELCKHM___115KV_LOAD 80723	48.31 -0.94 0.00	44.83 -0.96 0.00	40.15 -0.94 -0.23	47.24 -1.19 0.00	39.94 -0.94 0.00	34.48 -0.76 0.00	36.01 -0.80 -0.03	37.51 -0.85 -0.77	37.24 -0.85 0.00	43.04 -0.95 0.00	54.38 -1.27 0.00	59.83 -1.41 0.00	59.51 -1.44 -0.04	68.28 -1.38 -0.06	61.60 -1.20 -0.03	64.77 -1.17 0.00	50.83 -0.93 -0.25	58.11 -1.06 -0.97	52.92 -1.09 -1.11	41.41 -0.85 -0.22	47.37 -1.02 -0.51	41.61 -0.93 0.00	40.37 -0.87 0.00	42.79 -0.90 0.00
GENERAL___MILLS 23808	48.60 -0.65 0.00	44.57 -1.23 0.00	39.40 -1.87 -0.41	45.97 -2.45 0.00	38.97 -1.91 0.00	33.47 -1.77 0.00	34.98 -1.86 -0.05	36.85 -2.17 -1.43	35.97 -2.11 0.00	41.80 -2.18 0.00	52.22 -3.42 0.00	57.11 -4.13 -0.01	56.24 -4.74 -0.08	64.48 -5.23 -0.10	58.13 -4.69 -0.05	61.55 -4.38 0.00	48.20 -3.76 -0.45	56.02 -3.95 -1.77	50.16 -3.83 -1.10	40.00 -2.45 -0.39	45.89 -2.93 -0.94	40.33 -2.20 0.00	39.71 -1.53 0.00	42.73 -0.96 0.00
GE_PLASTICS___DRP 24183	50.28 1.03 0.00	46.92 1.13 0.00	44.86 1.03 -2.97	49.67 1.24 0.00	41.91 1.03 0.00	36.12 0.88 0.00	38.11 0.94 -0.39	48.74 0.93 -10.21	39.04 0.94 -0.01	44.99 1.00 0.00	56.93 1.29 0.00	62.73 1.44 -0.06	62.88 1.42 -0.57	71.84 1.50 -0.72	64.45 1.35 -0.32	67.30 1.37 0.00	55.90 1.11 -3.29	72.24 1.25 -12.78	68.78 1.26 -14.64	45.93 1.05 -2.84	55.83 1.20 -6.76	43.61 1.06 -0.01	42.21 0.97 0.00	44.68 0.98 0.00
GILBOA___1 23756	50.33 1.08 0.00	47.02 1.23 0.00	44.41 1.21 -2.35	49.98 1.54 0.00	42.04 1.15 0.00	36.01 0.78 0.00	37.93 0.84 -0.30	46.55 0.87 -8.09	38.95 0.85 -0.01	44.91 0.93 0.00	56.86 1.22 0.00	62.66 1.38 -0.05	62.75 1.40 -0.45	71.64 1.45 -0.57	64.28 1.24 -0.26	67.19 1.26 0.00	54.98 0.87 -2.60	69.23 0.91 -10.12	65.57 1.09 -11.59	45.19 0.89 -2.25	54.34 1.12 -5.35	43.53 0.99 -0.01	42.14 0.89 0.00	44.61 0.91 0.00
GILBOA___2 23757	50.33 1.08 0.00	47.02 1.23 0.00	44.41 1.21 -2.35	49.98 1.54 0.00	42.04 1.15 0.00	36.01 0.78 0.00	37.93 0.84 -0.30	46.55 0.87 -8.09	38.95 0.85 -0.01	44.91 0.93 0.00	56.86 1.22 0.00	62.66 1.38 -0.05	62.75 1.40 -0.45	71.64 1.45 -0.57	64.28 1.24 -0.26	67.19 1.26 0.00	54.98 0.87 -2.60	69.23 0.91 -10.12	65.57 1.09 -11.59	45.19 0.89 -2.25	54.34 1.12 -5.35	43.53 0.99 -0.01	42.14 0.89 0.00	44.61 0.91 0.00
GILBOA___3 23758	50.33 1.08 0.00	47.02 1.23 0.00	44.41 1.21 -2.35	49.98 1.54 0.00	42.04 1.15 0.00	36.01 0.78 0.00	37.93 0.84 -0.30	46.55 0.87 -8.09	38.95 0.85 -0.01	44.91 0.93 0.00	56.86 1.22 0.00	62.66 1.38 -0.05	62.75 1.40 -0.45	71.64 1.45 -0.57	64.28 1.24 -0.26	67.19 1.26 0.00	54.98 0.87 -2.60	69.23 0.91 -10.12	65.57 1.09 -11.59	45.19 0.89 -2.25	54.34 1.12 -5.35	43.53 0.99 -0.01	42.14 0.89 0.00	44.61 0.91 0.00
GILBOA___4 23759	50.33 1.08 0.00	47.02 1.23 0.00	44.41 1.21 -2.35	49.98 1.54 0.00	42.04 1.15 0.00	36.01 0.78 0.00	37.93 0.84 -0.30	46.55 0.87 -8.09	38.95 0.85 -0.01	44.91 0.93 0.00	56.86 1.22 0.00	62.66 1.38 -0.05	62.75 1.40 -0.45	71.64 1.45 -0.57	64.28 1.24 -0.26	67.19 1.26 0.00	54.98 0.87 -2.60	69.23 0.91 -10.12	65.57 1.09 -11.59	45.19 0.89 -2.25	54.34 1.12 -5.35	43.53 0.99 -0.01	42.14 0.89 0.00	44.61 0.91 0.00

GILBOA____ 23599	50.33 1.08 0.00	47.02 1.23 0.00	44.41 1.21 -2.35	49.98 1.54 0.00	42.03 1.15 0.00	36.02 0.78 0.00	37.93 0.84 -0.30	46.55 0.87 -8.09	38.95 0.85 -0.01	44.91 0.93 0.00	56.86 1.22 0.00	62.66 1.38 -0.05	62.75 1.40 -0.45	71.64 1.45 -0.57	64.28 1.24 -0.26	67.20 1.26 0.00	54.98 0.87 -2.60	69.23 0.91 -10.12	65.57 1.09 -11.59	45.18 0.89 -2.25	54.34 1.12 -5.35	43.53 0.99 -0.01	42.14 0.90 0.00	44.60 0.91 0.00
GINNA____ 23603	46.42 -2.84 0.00	42.82 -2.98 0.00	38.10 -3.03 -0.27	44.72 -3.71 0.00	37.85 -3.03 0.00	32.70 -2.54 0.00	34.19 -2.63 -0.04	35.70 -2.79 -0.90	35.29 -2.80 0.00	40.95 -3.04 0.00	51.51 -4.13 0.00	56.56 -4.68 0.00	56.10 -4.85 -0.05	64.43 -5.25 -0.07	58.04 -4.77 -0.03	61.25 -4.69 0.00	48.06 -3.73 -0.30	55.28 -4.07 -1.15	50.10 -3.87 -1.08	39.41 -2.89 -0.25	45.07 -3.42 -0.61	39.64 -2.90 0.00	38.64 -2.60 0.00	41.16 -2.54 0.00
GLEN PARK____ 23778	49.51 0.25 0.00	45.38 -0.42 0.00	40.90 -0.09 -0.13	48.56 0.13 0.00	40.97 0.09 0.00	35.07 -0.17 0.00	36.31 -0.49 -0.02	37.32 -0.73 -0.46	37.80 -0.29 0.00	44.60 0.62 0.00	56.78 1.14 0.00	62.29 1.06 0.00	62.24 1.31 -0.03	70.83 1.19 -0.03	63.64 0.85 -0.01	66.17 0.23 0.00	51.66 0.00 -0.15	58.96 0.18 -0.58	54.00 0.45 -0.66	42.07 -0.11 -0.13	48.73 0.55 -0.31	41.96 -0.58 0.00	40.60 -0.64 0.00	43.08 -0.62 0.00
GLENDALE_27_KV_LOAD 356172	52.10 2.85 0.00	48.46 2.67 0.00	45.51 2.24 -2.42	51.01 2.58 0.00	43.04 2.16 0.00	37.23 2.00 0.00	39.29 2.19 -0.31	48.25 2.36 -8.30	40.38 2.29 -0.01	46.51 2.53 0.00	59.01 3.37 0.00	65.18 3.90 -0.05	65.38 4.03 -0.46	74.34 4.14 -0.59	66.60 3.56 -0.26	69.42 3.48 0.00	57.13 2.95 -2.67	72.04 3.45 -10.39	68.11 3.33 -11.90	46.96 2.60 -2.31	56.44 3.07 -5.49	45.31 2.76 -0.01	43.78 2.54 0.00	46.15 2.46 0.00
GLENWOOD_IC_1_G5 23712	52.11 2.85 0.00	48.52 2.73 0.00	45.58 2.31 -2.42	51.13 2.70 0.00	43.15 2.26 0.00	37.36 2.12 0.00	39.32 2.23 -0.31	48.18 2.28 -8.30	40.29 2.20 -0.01	46.42 2.44 0.00	59.01 3.37 0.00	65.16 3.88 -0.05	65.57 4.15 -0.52	74.32 4.11 -0.59	66.60 3.55 -0.26	69.34 3.41 0.00	57.01 2.84 -2.67	71.95 3.36 -10.39	67.97 3.18 -11.90	46.83 2.47 -2.31	56.39 3.02 -5.49	45.26 2.72 -0.01	43.82 2.58 0.00	46.21 2.52 0.00
GLENWOOD_IC_2_G1 23688	51.86 2.61 0.00	48.30 2.50 0.00	45.38 2.11 -2.42	50.88 2.45 0.00	42.93 2.05 0.00	37.16 1.92 0.00	39.14 2.04 -0.31	48.02 2.13 -8.30	40.15 2.06 -0.01	46.23 2.24 0.00	58.70 3.06 0.00	64.83 3.55 -0.05	65.11 3.74 -0.46	73.96 3.76 -0.59	66.30 3.26 -0.26	69.08 3.14 0.00	56.81 2.63 -2.67	71.69 3.10 -10.39	67.75 2.96 -11.90	46.67 2.32 -2.31	56.16 2.79 -5.49	45.05 2.51 -0.01	43.56 2.32 0.00	45.97 2.28 0.00
GLENWOOD_IC_3_G1 23689	51.86 2.61 0.00	48.30 2.50 0.00	45.38 2.11 -2.42	50.88 2.45 0.00	42.93 2.05 0.00	37.16 1.92 0.00	39.14 2.04 -0.31	48.02 2.13 -8.30	40.15 2.06 -0.01	46.23 2.24 0.00	58.70 3.06 0.00	64.83 3.55 -0.05	65.11 3.74 -0.46	73.96 3.76 -0.59	66.30 3.26 -0.26	69.08 3.14 0.00	56.81 2.63 -2.67	71.69 3.10 -10.39	67.75 2.96 -11.90	46.67 2.32 -2.31	56.16 2.79 -5.49	45.05 2.51 -0.01	43.56 2.32 0.00	45.97 2.28 0.00
GLENWOOD____4 23550	52.11 2.85 0.00	48.52 2.73 0.00	45.58 2.31 -2.42	51.13 2.70 0.00	43.15 2.26 0.00	37.36 2.12 0.00	39.32 2.23 -0.31	48.18 2.28 -8.30	40.29 2.20 -0.01	46.42 2.44 0.00	59.01 3.37 0.00	65.16 3.88 -0.05	65.57 4.15 -0.52	74.32 4.11 -0.59	66.60 3.55 -0.26	69.34 3.41 0.00	57.01 2.84 -2.67	71.95 3.36 -10.39	67.97 3.18 -11.90	46.83 2.47 -2.31	56.39 3.02 -5.49	45.26 2.72 -0.01	43.82 2.58 0.00	46.21 2.52 0.00
GLENWOOD____5 23614	52.11 2.85 0.00	48.52 2.73 0.00	45.58 2.31 -2.42	51.13 2.70 0.00	43.15 2.26 0.00	37.36 2.12 0.00	39.32 2.23 -0.31	48.18 2.28 -8.30	40.29 2.20 -0.01	46.42 2.44 0.00	59.01 3.37 0.00	65.16 3.88 -0.05	65.57 4.15 -0.52	74.32 4.11 -0.59	66.60 3.55 -0.26	69.34 3.41 0.00	57.01 2.84 -2.67	71.95 3.36 -10.39	67.97 3.18 -11.90	46.83 2.47 -2.31	56.39 3.02 -5.49	45.26 2.72 -0.01	43.82 2.58 0.00	46.21 2.52 0.00
GLOBAL GREEN_PORT_GT1 23814	52.84 3.58 0.00	49.35 3.55 0.00	46.43 3.16 -2.42	52.64 4.21 0.00	44.95 4.07 0.00	39.28 4.04 0.00	41.23 4.13 -0.31	49.87 3.98 -8.30	41.94 3.85 -0.01	47.95 3.96 0.00	60.59 4.95 0.00	66.73 5.45 -0.05	67.72 6.32 -0.50	78.12 6.66 -1.84	70.47 6.34 -1.35	77.35 5.16 -6.26	62.15 4.10 -6.55	79.26 3.90 -17.16	73.54 2.76 -17.89	47.47 1.76 -3.66	55.78 2.41 -5.49	44.99 2.44 -0.01	43.49 2.25 0.00	45.64 1.94 0.00
GLOBE____DSASP 323697	47.15 -2.10 0.00	43.20 -2.59 0.00	38.13 -3.11 -0.37	44.54 -3.89 0.00	37.78 -3.10 0.00	32.54 -2.70 0.00	33.99 -2.84 -0.05	35.63 -3.24 -1.29	34.80 -3.29 0.00	40.51 -3.47 0.00	50.58 -5.06 0.00	55.43 -5.81 -0.01	54.68 -6.29 -0.07	62.68 -7.02 -0.09	56.47 -6.34 -0.04	59.81 -6.13 0.00	46.69 -5.22 -0.41	54.12 -5.69 -1.61	48.64 -5.33 -1.08	38.75 -3.66 -0.36	44.34 -4.39 -0.85	39.29 -3.25 0.00	38.79 -2.45 0.00	42.01 -1.69 0.00
GOETHSLN____LBMP 323567	51.69 2.43 0.00	48.09 2.30 0.00	45.21 1.94 -2.42	50.65 2.22 0.00	42.75 1.86 0.00	36.99 1.75 0.00	39.02 1.93 -0.31	47.98 2.09 -8.30	40.09 2.00 -0.01	46.15 2.16 0.00	58.54 2.91 0.00	64.64 3.36 -0.05	64.87 3.51 -0.46	73.78 3.58 -0.59	66.10 3.07 -0.26	68.94 3.00 0.00	56.72 2.54 -2.67	71.61 3.01 -10.39	67.68 2.89 -11.90	46.63 2.27 -2.31	56.04 2.67 -5.49	44.92 2.38 -0.01	43.40 2.16 0.00	45.80 2.10 0.00
GOLAH____69_KV_TB 1_2 80279	49.19 -0.06 0.00	45.29 -0.51 0.00	40.14 -1.01 -0.29	47.01 -1.42 0.00	39.83 -1.05 0.00	34.35 -0.89 0.00	35.91 -0.91 -0.04	37.44 -1.12 -0.97	36.99 -1.11 0.00	42.99 -1.00 0.00	53.93 -1.71 0.00	59.09 -2.15 -0.01	58.55 -2.41 -0.06	67.25 -2.43 -0.07	60.62 -2.19 -0.03	64.03 -1.91 0.00	50.27 -1.56 -0.32	57.91 -1.55 -1.26	52.30 -1.61 -1.02	41.37 -0.96 -0.28	47.27 -1.28 -0.67	41.64 -0.89 0.00	40.72 -0.52 0.00	43.49 -0.20 0.00
GOODYEAR_LAKE_HYD 323669	50.47 1.22 0.00	46.88 1.09 0.00	42.60 0.96 -0.79	49.58 1.15 0.00	41.80 0.92 0.00	35.95 0.71 0.00	37.64 0.75 -0.10	41.08 0.78 -2.72	38.91 0.82 0.00	44.95 0.97 0.00	56.91 1.27 0.00	62.66 1.41 -0.02	62.44 1.39 -0.15	71.29 1.49 -0.19	64.13 1.27 -0.09	67.23 1.30 0.00	53.35 0.97 -0.87	62.78 1.19 -3.39	57.97 1.19 -3.89	43.65 0.84 -0.75	50.54 0.87 -1.79	43.24 0.70 0.00	41.86 0.62 0.00	44.35 0.65 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.05 -0.20 0.00	45.51 -0.29 0.00	41.27 -0.39 -0.81	47.86 -0.57 0.00	40.49 -0.39 0.00	34.84 -0.40 0.00	36.48 -0.41 -0.10	39.91 -0.48 -2.80	37.62 -0.47 0.00	43.50 -0.49 0.00	54.92 -0.72 0.00	60.36 -0.88 -0.02	59.96 -1.09 -0.16	68.58 -1.23 -0.20	61.77 -1.09 -0.09	64.89 -1.05 0.00	51.59 -0.81 -0.89	60.91 -0.77 -3.47	55.47 -0.86 -3.44	42.31 -0.51 -0.77	49.09 -0.62 -1.84	41.93 -0.61 0.00	40.77 -0.47 0.00	43.28 -0.41 0.00

GOUDEY___7 23579	49.05 -0.20 0.00	45.51 -0.29 0.00	41.27 -0.39 -0.81	47.86 -0.57 0.00	40.49 -0.39 0.00	34.84 -0.40 0.00	36.48 -0.41 -0.10	39.91 -0.48 -2.80	37.62 -0.47 0.00	43.50 -0.49 0.00	54.92 -0.72 0.00	60.36 -0.88 -0.02	59.96 -1.09 -0.16	68.58 -1.23 -0.20	61.77 -1.09 -0.09	64.89 -1.05 0.00	51.59 -0.81 -0.89	60.91 -0.77 -3.47	55.47 -0.86 -3.44	42.31 -0.51 -0.77	49.09 -0.62 -1.84	41.93 -0.61 0.00	40.77 -0.47 0.00	43.28 -0.41 0.00
GOUDEY___8 23580	49.05 -0.20 0.00	45.51 -0.29 0.00	41.27 -0.39 -0.81	47.86 -0.57 0.00	40.49 -0.39 0.00	34.84 -0.40 0.00	36.48 -0.41 -0.10	39.91 -0.48 -2.80	37.62 -0.47 0.00	43.50 -0.49 0.00	54.92 -0.72 0.00	60.36 -0.88 -0.02	59.96 -1.09 -0.16	68.58 -1.23 -0.20	61.77 -1.09 -0.09	64.89 -1.05 0.00	51.59 -0.81 -0.89	60.91 -0.77 -3.47	55.47 -0.86 -3.44	42.31 -0.51 -0.77	49.09 -0.62 -1.84	41.93 -0.61 0.00	40.77 -0.47 0.00	43.28 -0.41 0.00
GOWANUS_GT1_1 24077	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT1_2 24078	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT1_3 24079	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT1_4 24080	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT1_5 24084	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT1_6 24111	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT1_7 24112	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT1_8 24113	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT2_1 24114	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT2_2 24115	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT2_3 24116	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT2_4 24117	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT2_5 24118	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00

GOWANUS_GT2_6 24119	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT2_7 24120	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT2_8 24121	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT3_1 24122	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT3_2 24123	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT3_3 24124	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT3_4 24125	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT3_5 24126	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT3_6 24127	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT3_7 24128	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT3_8 24129	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT4_1 24130	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT4_2 24131	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT4_3 24132	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT4_4 24133	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00

GOWANUS_GT4_5 24134	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT4_6 24135	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT4_7 24136	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GOWANUS_GT4_8 24137	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GREATVR_69_KV_BK1 356245	52.87 3.62 0.00	49.34 3.54 0.00	46.29 3.02 -2.42	51.98 3.55 0.00	43.94 3.06 0.00	38.18 2.94 0.00	40.05 2.96 -0.31	48.70 2.80 -8.30	40.82 2.72 -0.01	47.00 3.01 0.00	59.89 4.25 0.00	66.26 4.98 -0.05	66.93 5.53 -0.50	76.53 5.39 -1.52	68.69 4.84 -1.07	75.01 4.43 -4.64	60.69 3.64 -5.54	77.83 4.22 -15.40	73.16 3.92 -16.34	48.40 3.04 -3.31	57.04 3.67 -5.49	45.97 3.43 -0.01	44.61 3.37 0.00	46.98 3.29 0.00
GREENBSH_115KV_TB3 55895	50.21 0.96 0.00	46.91 1.12 0.00	44.85 1.01 -2.99	49.63 1.20 0.00	41.91 1.03 0.00	36.15 0.91 0.00	38.12 0.95 -0.39	48.80 0.93 -10.27	39.05 0.95 -0.01	44.99 1.00 0.00	56.90 1.26 0.00	62.69 1.40 -0.06	62.87 1.40 -0.57	71.81 1.47 -0.73	64.40 1.30 -0.32	67.27 1.34 0.00	55.93 1.12 -3.31	72.32 1.26 -12.86	68.86 1.25 -14.72	45.98 1.08 -2.86	55.86 1.18 -6.80	43.61 1.06 -0.01	42.19 0.95 0.00	44.66 0.96 0.00
GREENDGE_115KV_TB5 80291	48.87 -0.39 0.00	45.38 -0.42 0.00	40.72 -0.74 -0.61	47.29 -1.14 0.00	40.06 -0.82 0.00	34.41 -0.83 0.00	35.97 -0.89 -0.08	38.82 -0.94 -2.17	37.19 -0.90 0.00	43.17 -0.82 0.00	53.96 -1.68 0.00	58.16 -3.08 -0.01	57.43 -3.58 -0.12	65.03 -4.73 -0.15	59.24 -3.60 -0.07	62.32 -3.62 0.00	50.04 -2.14 -0.67	58.11 -2.70 -2.61	48.89 -2.18 1.82	41.52 -1.11 -0.58	47.83 -1.43 -1.38	41.15 -1.39 0.00	40.08 -1.16 0.00	43.11 -0.58 0.00
GREENIDGE___3 23582	48.87 -0.39 0.00	45.38 -0.42 0.00	40.72 -0.74 -0.61	47.29 -1.14 0.00	40.06 -0.82 0.00	34.41 -0.83 0.00	35.97 -0.89 -0.08	38.82 -0.94 -2.17	37.19 -0.90 0.00	43.17 -0.82 0.00	53.96 -1.68 0.00	58.16 -3.08 -0.01	57.43 -3.58 -0.12	65.03 -4.73 -0.15	59.24 -3.60 -0.07	62.32 -3.62 0.00	50.04 -2.14 -0.67	58.11 -2.70 -2.61	48.89 -2.18 1.82	41.52 -1.11 -0.58	47.83 -1.43 -1.38	41.15 -1.39 0.00	40.08 -1.16 0.00	43.11 -0.58 0.00
GREENIDGE___4 23583	48.87 -0.39 0.00	45.38 -0.42 0.00	40.72 -0.75 -0.61	47.30 -1.13 0.00	40.06 -0.82 0.00	34.41 -0.83 0.00	35.97 -0.89 -0.08	38.82 -0.94 -2.17	37.19 -0.90 0.00	43.17 -0.82 0.00	53.96 -1.68 0.00	58.13 -3.12 -0.01	57.42 -3.59 -0.12	65.06 -4.70 -0.15	59.19 -3.65 -0.07	62.34 -3.60 0.00	50.03 -2.14 -0.67	58.11 -2.70 -2.61	48.87 -2.21 1.82	41.50 -1.13 -0.58	47.83 -1.43 -1.38	41.16 -1.38 0.00	40.08 -1.16 0.00	43.12 -0.58 0.00
GREENLWN_69_KV_BK 3 55738	51.92 2.66 0.00	48.51 2.72 0.00	45.57 2.30 -2.42	51.13 2.70 0.00	43.21 2.33 0.00	37.49 2.25 0.00	39.30 2.20 -0.31	47.93 2.03 -8.30	40.08 1.99 -0.01	46.20 2.22 0.00	58.98 3.34 0.00	65.17 3.89 -0.05	65.71 4.31 -0.50	72.94 3.81 0.48	65.44 3.33 0.67	63.39 2.78 5.33	53.23 2.36 0.63	65.55 2.72 -4.63	62.26 2.58 -6.79	45.15 1.95 -1.16	55.95 2.58 -5.49	45.03 2.48 -0.01	43.75 2.51 0.00	46.20 2.51 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
GRISSOM___SOLAR 323813	50.78 1.53 0.00	47.15 1.35 0.00	45.43 1.21 -3.37	49.88 1.45 -0.01	42.07 1.19 0.00	36.30 1.06 0.00	38.37 1.15 -0.44	50.35 1.20 -11.56	39.34 1.24 -0.01	45.35 1.37 0.00	57.57 1.93 0.00	63.32 2.02 -0.07	63.28 1.74 -0.64	72.17 1.74 -0.82	65.04 1.90 -0.37	68.21 2.27 0.00	57.06 1.84 -3.72	74.84 2.16 -14.47	71.41 1.95 -16.57	46.69 1.42 -3.21	57.07 1.54 -7.65	43.86 1.31 -0.01	42.40 1.16 0.00	44.90 1.21 0.00
GROVEVILLE___HYD 323602	51.93 2.68 0.00	48.34 2.55 0.00	45.47 2.18 -2.43	50.99 2.56 0.00	43.01 2.13 0.00	37.17 1.93 0.00	39.21 2.11 -0.31	48.19 2.24 -8.36	40.27 2.18 -0.01	46.38 2.39 0.00	58.78 3.14 0.00	64.91 3.63 -0.05	65.10 3.73 -0.46	74.17 3.96 -0.59	66.52 3.48 -0.26	69.45 3.51 0.00	57.09 2.90 -2.69	72.08 3.42 -10.46	68.09 3.23 -11.98	46.91 2.54 -2.32	56.35 2.95 -5.53	45.12 2.57 -0.01	43.59 2.35 0.00	46.00 2.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.57 -0.68 0.00	45.10 -0.70 0.00	40.40 -0.72 -0.26	47.50 -0.93 0.00	40.17 -0.71 0.00	34.67 -0.58 0.00	36.22 -0.59 -0.03	37.84 -0.63 -0.88	37.47 -0.62 0.00	43.30 -0.68 0.00	54.71 -0.93 0.00	60.21 -1.02 0.00	59.90 -1.05 -0.05	68.74 -0.93 -0.06	62.01 -0.79 -0.03	65.19 -0.74 0.00	51.22 -0.57 -0.28	58.66 -0.65 -1.11	53.71 -0.73 -1.54	41.71 -0.58 -0.24	47.74 -0.73 -0.58	41.86 -0.68 0.00	40.61 -0.63 0.00	43.03 -0.66 0.00
HAMLTNNY_34_KV_TB 80303	48.72 -0.53 0.00	45.20 -0.60 0.00	40.46 -0.67 -0.27	47.51 -0.92 0.00	40.21 -0.67 0.00	34.70 -0.54 0.00	36.27 -0.54 -0.04	37.93 -0.59 -0.93	37.52 -0.56 0.00	43.34 -0.64 0.00	54.71 -0.93 0.00	60.23 -1.01 -0.01	59.86 -1.09 -0.05	68.71 -0.97 -0.07	61.96 -0.85 -0.03	65.21 -0.73 0.00	51.25 -0.56 -0.30	58.79 -0.59 -1.18	53.83 -0.67 -1.61	41.77 -0.54 -0.26	47.81 -0.69 -0.62	41.94 -0.59 0.00	40.71 -0.53 0.00	43.17 -0.52 0.00

HAMPSHIRE___PAPER_HYD 323593	49.43 0.18 0.00	45.16 -0.63 0.00	40.94 0.01 -0.07	48.78 0.35 0.00	41.14 0.26 0.00	35.15 -0.09 0.00	36.19 -0.61 -0.01	37.27 -0.57 -0.25	37.91 -0.18 0.00	44.60 0.62 0.00	56.76 1.12 0.00	62.20 0.97 0.00	62.06 1.15 -0.01	70.34 0.71 -0.02	63.24 0.46 -0.01	66.09 0.15 0.00	51.29 -0.29 -0.08	58.25 -0.27 -0.31	53.12 -0.13 -0.36	41.79 -0.33 -0.07	48.26 0.21 -0.17	42.46 -0.08 0.00	41.41 0.17 0.00	44.31 0.61 0.00
HARDSCRABBLE_WT_PWR 323673	52.49 3.24 0.00	48.96 3.16 0.00	43.63 2.77 0.00	51.72 3.29 0.00	43.70 2.82 0.00	37.62 2.38 0.00	39.28 2.49 0.00	40.23 2.63 0.00	40.70 2.61 0.00	46.94 2.96 0.00	59.48 3.84 0.00	65.52 4.29 0.00	64.89 3.99 0.00	73.80 4.19 0.00	66.85 4.07 0.00	70.42 4.49 0.00	54.98 3.48 0.00	62.11 3.91 0.00	56.43 3.54 0.00	44.70 2.65 0.00	50.66 2.78 0.00	44.91 2.37 0.00	43.32 2.08 0.00	45.82 2.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.68 2.43 0.00	48.10 2.30 0.00	45.07 1.94 -2.28	50.68 2.24 0.00	42.75 1.86 0.00	36.97 1.73 0.00	38.97 1.89 -0.30	47.44 2.02 -7.82	40.03 1.93 -0.01	46.08 2.10 0.00	58.43 2.79 0.00	64.49 3.21 -0.05	64.66 3.33 -0.43	73.68 3.51 -0.55	66.07 3.05 -0.25	69.00 3.07 0.00	56.58 2.56 -2.52	71.03 3.04 -9.79	66.97 2.88 -11.21	46.47 2.25 -2.17	55.68 2.63 -5.17	44.83 2.29 -0.01	43.32 2.08 0.00	45.74 2.05 0.00
HARSNRAD_115KV_TB1 81005	48.16 -1.10 0.00	44.16 -1.64 0.00	38.95 -2.28 -0.37	45.54 -2.89 0.00	38.60 -2.28 0.00	33.23 -2.01 0.00	34.71 -2.12 -0.05	36.24 -2.61 -1.26	35.51 -2.58 0.00	41.34 -2.64 0.00	51.61 -4.03 0.00	56.49 -4.75 -0.01	55.68 -5.29 -0.07	63.87 -5.83 -0.09	57.58 -5.24 -0.04	60.99 -4.94 0.00	47.58 -4.33 -0.41	55.07 -4.71 -1.58	49.54 -4.42 -1.07	39.45 -2.95 -0.35	45.15 -3.57 -0.84	39.91 -2.63 0.00	39.44 -1.80 0.00	42.45 -1.25 0.00
HARZA MOOSE___RIVER 24016	49.99 0.74 0.00	46.11 0.32 0.00	41.44 0.50 -0.08	49.17 0.74 0.00	41.48 0.60 0.00	35.59 0.35 0.00	36.97 0.17 -0.01	37.86 -0.02 -0.29	38.43 0.35 0.00	44.98 1.00 0.00	57.16 1.52 0.00	62.79 1.56 0.00	62.54 1.62 -0.02	71.19 1.56 -0.02	64.07 1.29 -0.01	66.85 0.91 0.00	52.18 0.59 -0.09	59.29 0.72 -0.37	54.18 0.87 -0.42	42.42 0.29 -0.08	48.95 0.88 -0.19	42.68 0.14 0.00	41.40 0.16 0.00	43.92 0.23 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	48.27 -0.98 0.00	44.82 -0.98 0.00	40.13 -0.97 -0.24	47.22 -1.21 0.00	39.91 -0.97 0.00	34.45 -0.79 0.00	35.98 -0.83 -0.03	37.53 -0.89 -0.83	37.20 -0.88 0.00	43.00 -0.98 0.00	54.33 -1.31 0.00	59.77 -1.47 0.00	59.45 -1.50 -0.05	68.24 -1.43 -0.06	61.57 -1.23 -0.03	64.71 -1.23 0.00	50.81 -0.97 -0.27	58.12 -1.12 -1.04	52.94 -1.14 -1.19	41.40 -0.88 -0.23	47.37 -1.06 -0.55	41.56 -0.98 0.00	40.33 -0.91 0.00	42.74 -0.96 0.00
HELLGATE_13_KV_LD 55870	52.22 2.97 0.00	48.58 2.78 0.00	45.62 2.35 -2.42	51.15 2.71 0.00	43.15 2.27 0.00	37.34 2.10 0.00	39.38 2.28 -0.31	48.33 2.44 -8.30	40.47 2.38 -0.01	46.63 2.64 0.00	59.14 3.50 0.00	65.32 4.04 -0.05	65.55 4.19 -0.46	74.50 4.30 -0.59	66.74 3.70 -0.26	69.57 3.63 0.00	57.25 3.08 -2.67	72.15 3.56 -10.39	68.22 3.44 -11.90	47.04 2.69 -2.31	56.53 3.16 -5.49	45.40 2.85 -0.01	43.87 2.62 0.00	46.24 2.54 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.22 2.97 0.00	48.58 2.78 0.00	45.62 2.35 -2.42	51.15 2.71 0.00	43.15 2.27 0.00	37.34 2.10 0.00	39.38 2.28 -0.31	48.33 2.44 -8.30	40.47 2.38 -0.01	46.63 2.64 0.00	59.14 3.50 0.00	65.32 4.04 -0.05	65.55 4.19 -0.46	74.50 4.30 -0.59	66.74 3.70 -0.26	69.57 3.63 0.00	57.25 3.08 -2.67	72.15 3.56 -10.39	68.22 3.44 -11.90	47.04 2.69 -2.31	56.53 3.16 -5.49	45.40 2.85 -0.01	43.87 2.62 0.00	46.24 2.54 0.00
HEMPSTEAD___ 23647	51.95 2.69 0.00	48.40 2.61 0.00	45.46 2.19 -2.42	50.99 2.56 0.00	43.06 2.18 0.00	37.32 2.09 0.00	39.22 2.12 -0.31	48.00 2.11 -8.30	40.12 2.03 -0.01	46.22 2.24 0.00	58.85 3.21 0.00	65.01 3.73 -0.05	65.52 4.11 -0.51	74.07 3.87 -0.59	66.37 3.33 -0.26	69.01 3.07 0.00	56.73 2.55 -2.67	71.62 3.02 -10.39	67.65 2.87 -11.90	46.56 2.20 -2.31	56.18 2.81 -5.49	45.14 2.59 -0.01	43.73 2.49 0.00	46.11 2.42 0.00
HICKLING___1 23621	48.65 -0.60 0.00	44.92 -0.87 0.00	40.41 -1.10 -0.66	46.86 -1.57 0.00	39.73 -1.15 0.00	34.14 -1.10 0.00	35.69 -1.18 -0.08	38.57 -1.33 -2.31	36.78 -1.31 0.00	42.64 -1.34 0.00	53.57 -2.07 0.00	58.54 -2.70 -0.01	57.79 -3.23 -0.13	65.95 -3.83 -0.16	59.55 -3.30 -0.07	62.67 -3.27 0.00	49.81 -2.42 -0.73	58.60 -2.43 -2.83	50.52 -2.57 -0.19	41.04 -1.64 -0.63	47.45 -1.92 -1.49	40.75 -1.79 0.00	39.74 -1.50 0.00	42.39 -1.30 0.00
HICKLING___2 23622	48.65 -0.60 0.00	44.92 -0.87 0.00	40.41 -1.10 -0.66	46.86 -1.57 0.00	39.73 -1.15 0.00	34.14 -1.10 0.00	35.69 -1.18 -0.08	38.57 -1.33 -2.31	36.78 -1.31 0.00	42.64 -1.34 0.00	53.57 -2.07 0.00	58.54 -2.70 -0.01	57.79 -3.23 -0.13	65.95 -3.83 -0.16	59.55 -3.30 -0.07	62.67 -3.27 0.00	49.81 -2.42 -0.73	58.60 -2.43 -2.83	50.52 -2.57 -0.19	41.04 -1.64 -0.63	47.45 -1.92 -1.49	40.75 -1.79 0.00	39.74 -1.50 0.00	42.39 -1.30 0.00
HIGH FALLS___HY 23754	52.00 2.75 0.00	48.38 2.59 0.00	45.48 2.20 -2.43	51.01 2.58 0.00	43.01 2.14 0.00	37.18 1.94 0.00	39.23 2.13 -0.31	48.24 2.31 -8.34	40.33 2.24 -0.01	46.44 2.45 0.00	58.79 3.15 0.00	64.93 3.65 -0.05	65.13 3.76 -0.46	74.22 4.02 -0.59	66.57 3.53 -0.26	69.49 3.55 0.00	57.16 2.97 -2.68	72.21 3.57 -10.43	68.21 3.37 -11.95	47.03 2.66 -2.32	56.46 3.06 -5.51	45.17 2.63 -0.01	43.62 2.38 0.00	46.02 2.32 0.00
HIGH_RIVER___SOLAR 323847	50.61 1.36 0.00	47.00 1.21 0.00	45.27 1.08 -3.33	49.74 1.31 -0.01	41.94 1.06 0.00	36.17 0.94 0.00	38.23 1.01 -0.43	50.09 1.06 -11.43	39.18 1.08 -0.01	45.08 1.10 0.00	57.29 1.65 0.00	63.06 1.77 -0.07	63.15 1.62 -0.63	71.60 1.18 -0.81	64.63 1.50 -0.36	67.86 1.93 0.00	56.82 1.63 -3.68	74.42 1.91 -14.31	71.04 1.76 -16.38	46.50 1.27 -3.18	56.84 1.40 -7.56	43.73 1.18 -0.01	42.27 1.03 0.00	44.80 1.10 0.00
HILLBURN___GT 23639	51.52 2.27 0.00	47.96 2.16 0.00	44.97 1.80 -2.31	50.51 2.08 0.00	42.60 1.72 0.00	36.86 1.63 0.00	38.86 1.78 -0.30	47.45 1.93 -7.93	39.90 1.80 -0.01	45.91 1.92 0.00	58.22 2.58 0.00	64.25 2.97 -0.05	64.45 3.11 -0.44	73.37 3.20 -0.56	65.79 2.76 -0.25	68.66 2.73 0.00	56.34 2.28 -2.55	70.85 2.73 -9.92	66.88 2.63 -11.36	46.30 2.05 -2.20	55.55 2.42 -5.24	44.66 2.11 -0.01	43.15 1.91 0.00	45.60 1.91 0.00
HILLSIDE_115KV_TB1 80332	47.94 -1.31 0.00	44.35 -1.44 0.00	40.01 -1.53 -0.68	46.39 -2.04 0.00	39.35 -1.52 0.00	33.82 -1.42 0.00	35.41 -1.47 -0.09	38.37 -1.60 -2.37	36.49 -1.60 0.00	42.24 -1.74 0.00	53.15 -2.49 0.00	58.19 -3.05 -0.01	57.53 -3.50 -0.13	65.69 -4.09 -0.17	59.29 -3.56 -0.07	62.36 -3.58 0.00	49.55 -2.71 -0.75	58.32 -2.80 -2.92	50.54 -2.91 -0.56	40.79 -1.90 -0.65	47.23 -2.20 -1.54	40.49 -2.05 0.00	39.47 -1.77 0.00	42.08 -1.62 0.00

HISHELDN_WT_PWR 323625	48.22 -1.03 0.00	44.23 -1.56 0.00	39.21 -2.10 -0.45	45.63 -2.80 0.00	38.60 -2.28 0.00	33.05 -2.19 0.00	34.50 -2.34 -0.06	36.55 -2.62 -1.58	35.55 -2.54 0.00	41.29 -2.70 0.00	51.63 -4.01 0.00	56.30 -4.94 -0.01	55.31 -5.67 -0.09	63.28 -6.44 -0.11	57.13 -5.70 -0.05	60.59 -5.35 0.00	47.40 -4.60 -0.49	55.28 -4.85 -1.93	49.17 -4.68 -0.96	39.20 -3.28 -0.43	45.08 -3.82 -1.02	39.45 -3.09 0.00	38.78 -2.46 0.00	41.67 -2.03 0.00
HOLTSVILLE_IC_1 23690	52.12 2.87 0.00	48.65 2.85 0.00	45.71 2.43 -2.42	51.33 2.90 0.00	43.42 2.54 0.00	37.78 2.54 0.00	39.58 2.49 -0.31	48.18 2.29 -8.30	40.33 2.23 -0.01	46.36 2.38 0.00	59.07 3.43 0.00	65.32 4.04 -0.05	66.02 4.62 -0.50	75.78 4.26 -1.92	68.09 3.90 -1.42	75.70 3.14 -6.62	60.88 2.60 -6.77	78.57 2.83 -17.54	73.79 2.66 -18.24	47.74 1.96 -3.74	55.95 2.58 -5.49	45.12 2.57 -0.01	43.83 2.59 0.00	46.17 2.48 0.00
HOLTSVILLE_IC_10 23699	52.35 3.10 0.00	48.85 3.06 0.00	45.88 2.61 -2.42	51.55 3.11 0.00	43.60 2.73 0.00	37.94 2.70 0.00	39.77 2.67 -0.31	48.35 2.45 -8.30	40.49 2.40 -0.01	46.55 2.56 0.00	59.29 3.65 0.00	65.59 4.32 -0.05	66.32 4.92 -0.50	75.90 4.62 -1.67	68.25 4.27 -1.20	74.85 3.52 -5.39	60.42 2.91 -6.01	77.59 3.17 -16.22	72.91 2.96 -17.06	47.70 2.18 -3.47	56.18 2.81 -5.49	45.33 2.79 -0.01	44.03 2.79 0.00	46.37 2.67 0.00
HOLTSVILLE_IC_2 23691	52.12 2.87 0.00	48.65 2.85 0.00	45.71 2.43 -2.42	51.33 2.90 0.00	43.42 2.54 0.00	37.78 2.54 0.00	39.58 2.49 -0.31	48.18 2.29 -8.30	40.33 2.23 -0.01	46.36 2.38 0.00	59.07 3.43 0.00	65.32 4.04 -0.05	66.02 4.62 -0.50	75.78 4.26 -1.92	68.09 3.90 -1.42	75.70 3.14 -6.62	60.88 2.60 -6.77	78.57 2.83 -17.54	73.79 2.66 -18.24	47.74 1.96 -3.74	55.95 2.58 -5.49	45.12 2.57 -0.01	43.83 2.59 0.00	46.17 2.48 0.00
HOLTSVILLE_IC_3 23692	52.12 2.87 0.00	48.65 2.85 0.00	45.71 2.43 -2.42	51.33 2.90 0.00	43.42 2.54 0.00	37.78 2.54 0.00	39.58 2.49 -0.31	48.18 2.29 -8.30	40.33 2.23 -0.01	46.36 2.38 0.00	59.07 3.43 0.00	65.32 4.04 -0.05	66.02 4.62 -0.50	75.78 4.26 -1.92	68.09 3.90 -1.42	75.70 3.14 -6.62	60.88 2.60 -6.77	78.57 2.83 -17.54	73.79 2.66 -18.24	47.74 1.96 -3.74	55.95 2.58 -5.49	45.12 2.57 -0.01	43.83 2.59 0.00	46.17 2.48 0.00
HOLTSVILLE_IC_4 23693	52.12 2.87 0.00	48.65 2.85 0.00	45.71 2.43 -2.42	51.33 2.90 0.00	43.42 2.54 0.00	37.78 2.54 0.00	39.58 2.49 -0.31	48.18 2.29 -8.30	40.33 2.23 -0.01	46.36 2.38 0.00	59.07 3.43 0.00	65.32 4.04 -0.05	66.02 4.62 -0.50	75.78 4.26 -1.92	68.09 3.90 -1.42	75.70 3.14 -6.62	60.88 2.60 -6.77	78.57 2.83 -17.54	73.79 2.66 -18.24	47.74 1.96 -3.74	55.95 2.58 -5.49	45.12 2.57 -0.01	43.83 2.59 0.00	46.17 2.48 0.00
HOLTSVILLE_IC_5 23694	52.12 2.87 0.00	48.65 2.85 0.00	45.71 2.43 -2.42	51.33 2.90 0.00	43.42 2.54 0.00	37.78 2.54 0.00	39.58 2.49 -0.31	48.18 2.29 -8.30	40.33 2.23 -0.01	46.36 2.38 0.00	59.07 3.43 0.00	65.32 4.04 -0.05	66.02 4.62 -0.50	75.78 4.26 -1.92	68.09 3.90 -1.42	75.70 3.14 -6.62	60.88 2.60 -6.77	78.57 2.83 -17.54	73.79 2.66 -18.24	47.74 1.96 -3.74	55.95 2.58 -5.49	45.12 2.57 -0.01	43.83 2.59 0.00	46.17 2.48 0.00
HOLTSVILLE_IC_6 23695	52.35 3.10 0.00	48.85 3.06 0.00	45.88 2.61 -2.42	51.55 3.11 0.00	43.60 2.73 0.00	37.94 2.70 0.00	39.77 2.67 -0.31	48.35 2.45 -8.30	40.49 2.40 -0.01	46.55 2.56 0.00	59.29 3.65 0.00	65.59 4.32 -0.05	66.32 4.92 -0.50	75.90 4.62 -1.67	68.25 4.27 -1.20	74.85 3.52 -5.39	60.42 2.91 -6.01	77.59 3.17 -16.22	72.91 2.96 -17.06	47.70 2.18 -3.47	56.18 2.81 -5.49	45.33 2.79 -0.01	44.03 2.79 0.00	46.37 2.67 0.00
HOLTSVILLE_IC_7 23696	52.35 3.10 0.00	48.85 3.06 0.00	45.88 2.61 -2.42	51.55 3.11 0.00	43.60 2.73 0.00	37.94 2.70 0.00	39.77 2.67 -0.31	48.35 2.45 -8.30	40.49 2.40 -0.01	46.55 2.56 0.00	59.29 3.65 0.00	65.59 4.32 -0.05	66.32 4.92 -0.50	75.90 4.62 -1.67	68.25 4.27 -1.20	74.85 3.52 -5.39	60.42 2.91 -6.01	77.59 3.17 -16.22	72.91 2.96 -17.06	47.70 2.18 -3.47	56.18 2.81 -5.49	45.33 2.79 -0.01	44.03 2.79 0.00	46.37 2.67 0.00
HOLTSVILLE_IC_8 23697	52.35 3.10 0.00	48.85 3.06 0.00	45.88 2.61 -2.42	51.55 3.11 0.00	43.60 2.73 0.00	37.94 2.70 0.00	39.77 2.67 -0.31	48.35 2.45 -8.30	40.49 2.40 -0.01	46.55 2.56 0.00	59.29 3.65 0.00	65.59 4.32 -0.05	66.32 4.92 -0.50	75.90 4.62 -1.67	68.25 4.27 -1.20	74.85 3.52 -5.39	60.42 2.91 -6.01	77.59 3.17 -16.22	72.91 2.96 -17.06	47.70 2.18 -3.47	56.18 2.81 -5.49	45.33 2.79 -0.01	44.03 2.79 0.00	46.37 2.67 0.00
HOLTSVILLE_IC_9 23698	52.35 3.10 0.00	48.85 3.06 0.00	45.88 2.61 -2.42	51.55 3.11 0.00	43.60 2.73 0.00	37.94 2.70 0.00	39.77 2.67 -0.31	48.35 2.45 -8.30	40.49 2.40 -0.01	46.55 2.56 0.00	59.29 3.65 0.00	65.59 4.32 -0.05	66.32 4.92 -0.50	75.90 4.62 -1.67	68.25 4.27 -1.20	74.85 3.52 -5.39	60.42 2.91 -6.01	77.59 3.17 -16.22	72.91 2.96 -17.06	47.70 2.18 -3.47	56.18 2.81 -5.49	45.33 2.79 -0.01	44.03 2.79 0.00	46.37 2.67 0.00
HOMER_HL_115KV_TB2 355744	48.51 -0.74 0.00	44.68 -1.12 0.00	39.70 -1.63 -0.47	46.31 -2.12 0.00	39.28 -1.60 0.00	33.75 -1.49 0.00	35.21 -1.64 -0.06	37.28 -1.96 -1.65	36.20 -1.88 0.00	41.93 -2.06 0.00	52.56 -3.08 0.00	57.42 -3.82 -0.01	56.24 -4.75 -0.09	64.73 -5.00 -0.11	58.32 -4.51 -0.05	61.66 -4.28 0.00	48.65 -3.38 -0.52	56.88 -3.34 -2.02	50.63 -3.34 -1.08	40.37 -2.13 -0.45	46.45 -2.50 -1.07	40.51 -2.03 0.00	39.82 -1.42 0.00	42.79 -0.91 0.00
HOWARD_WT_PWR 323690	49.11 -0.15 0.00	44.95 -0.85 0.00	39.86 -1.55 -0.55	46.15 -2.27 0.00	39.12 -1.76 0.00	33.43 -1.81 0.00	34.62 -2.24 -0.07	37.25 -2.35 -2.01	35.64 -2.45 0.00	41.64 -2.34 0.00	51.67 -3.97 0.00	56.19 -5.05 -0.01	54.90 -6.11 -0.11	62.53 -7.22 -0.13	56.36 -6.48 -0.06	59.88 -6.06 0.00	47.50 -4.62 -0.61	55.62 -4.96 -2.38	47.62 -4.76 0.51	39.28 -3.29 -0.53	45.25 -3.89 -1.26	39.29 -3.25 0.00	38.32 -2.92 0.00	40.64 -3.05 0.00
HQ_GEN_CEDARS 23644	49.99 0.74 0.00	45.55 -0.25 0.00	41.46 0.61 0.00	49.56 1.13 0.00	41.80 0.93 0.00	35.88 0.64 0.00	37.17 0.38 0.00	38.41 0.82 0.00	39.11 1.03 0.00	45.77 1.78 0.00	57.75 2.11 0.00	63.30 2.07 0.00	63.11 2.21 0.00	71.40 1.79 0.00	64.24 1.47 0.00	67.63 1.69 0.00	52.69 1.19 0.00	59.70 1.50 0.00	54.12 1.23 0.00	43.18 1.13 0.00	48.97 1.10 0.00	43.97 1.43 0.00	42.87 1.63 0.00	46.05 2.36 0.00
HQ_GEN_CEDARS_PROXY 323590	49.99 0.74 0.00	45.54 -0.25 0.00	41.46 0.61 0.00	49.56 1.13 0.00	41.80 0.93 0.00	35.88 0.64 0.00	37.17 0.38 0.00	38.41 0.82 0.00	39.11 1.02 0.00	45.77 1.78 0.00	57.75 2.11 0.00	63.28 2.04 0.00	63.11 2.21 0.00	71.40 1.79 0.00	64.24 1.47 0.00	67.63 1.69 0.00	52.73 1.22 0.00	59.70 1.50 0.00	54.12 1.23 0.00	43.18 1.13 0.00	48.98 1.10 0.00	43.95 1.41 0.00	42.87 1.63 0.00	46.05 2.35 0.00

HQ_GEN_IMPORT 323601	49.25 0.00 0.00	45.80 0.00 0.00	40.86 0.00 0.00	48.43 0.00 0.00	40.88 0.00 0.00	35.24 0.00 0.00	36.78 0.00 0.00	37.59 0.00 0.00	38.08 0.00 0.00	43.98 0.00 0.00	55.64 0.00 0.00	61.23 0.00 0.00	60.90 0.00 0.00	69.61 0.00 0.00	62.78 0.00 0.00	65.94 0.00 0.00	51.50 0.00 0.00	58.20 0.00 0.00	52.89 0.00 0.00	42.05 0.00 0.00	47.88 0.00 0.00	42.54 0.00 0.00	41.24 0.00 0.00	43.69 0.00 0.00
HQ_GEN_WHEEL 23651	49.25 0.00 0.00	45.80 0.00 0.00	40.86 0.00 0.00	48.43 0.00 0.00	40.88 0.00 0.00	35.24 0.00 0.00	36.78 0.00 0.00	37.59 0.00 0.00	38.08 0.00 0.00	43.98 0.00 0.00	55.64 0.00 0.00	61.23 0.00 0.00	60.90 0.00 0.00	69.61 0.00 0.00	62.78 0.00 0.00	65.94 0.00 0.00	51.50 0.00 0.00	58.20 0.00 0.00	52.89 0.00 0.00	42.05 0.00 0.00	47.88 0.00 0.00	42.54 0.00 0.00	41.24 0.00 0.00	43.69 0.00 0.00
HUDSON AVE_GT_3 23810	51.95 2.70 0.00	48.33 2.53 0.00	45.40 2.13 -2.42	50.89 2.46 0.00	42.93 2.05 0.00	37.15 1.91 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.28 2.19 -0.01	46.39 2.41 0.00	58.85 3.21 0.00	65.00 3.72 -0.05	65.22 3.86 -0.46	74.18 3.97 -0.59	66.46 3.42 -0.26	69.29 3.36 0.00	57.01 2.83 -2.67	71.92 3.33 -10.39	67.98 3.20 -11.90	46.86 2.50 -2.31	56.32 2.95 -5.49	45.16 2.62 -0.01	43.63 2.39 0.00	46.02 2.32 0.00
HUDSON AVE_GT_4 23540	51.95 2.70 0.00	48.33 2.53 0.00	45.40 2.13 -2.42	50.89 2.46 0.00	42.93 2.05 0.00	37.15 1.91 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.28 2.19 -0.01	46.39 2.41 0.00	58.85 3.21 0.00	65.00 3.72 -0.05	65.22 3.86 -0.46	74.18 3.97 -0.59	66.46 3.42 -0.26	69.29 3.36 0.00	57.01 2.83 -2.67	71.92 3.33 -10.39	67.98 3.20 -11.90	46.86 2.50 -2.31	56.32 2.95 -5.49	45.16 2.62 -0.01	43.63 2.39 0.00	46.02 2.32 0.00
HUDSON AVE_GT_5 23657	51.95 2.70 0.00	48.33 2.53 0.00	45.40 2.13 -2.42	50.89 2.46 0.00	42.93 2.05 0.00	37.15 1.91 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.28 2.19 -0.01	46.39 2.41 0.00	58.85 3.21 0.00	65.00 3.72 -0.05	65.22 3.86 -0.46	74.18 3.97 -0.59	66.46 3.42 -0.26	69.29 3.36 0.00	57.01 2.83 -2.67	71.92 3.33 -10.39	67.98 3.20 -11.90	46.86 2.50 -2.31	56.32 2.95 -5.49	45.16 2.62 -0.01	43.63 2.39 0.00	46.02 2.32 0.00
HUDSON_AVE_10 24168	51.67 2.42 0.00	48.07 2.27 0.00	45.18 1.90 -2.42	50.62 2.18 0.00	42.70 1.82 0.00	36.95 1.71 0.00	39.00 1.90 -0.31	47.97 2.07 -8.30	40.09 2.00 -0.01	46.17 2.18 0.00	58.57 2.94 0.00	64.68 3.40 -0.05	64.88 3.52 -0.46	73.79 3.59 -0.59	66.13 3.10 -0.26	68.95 3.02 0.00	56.73 2.56 -2.67	71.60 3.01 -10.39	67.72 2.93 -11.90	46.65 2.29 -2.31	56.06 2.69 -5.49	44.93 2.38 -0.01	43.40 2.16 0.00	45.77 2.07 0.00
HUDSON___115KV_TB 4 355613	51.32 2.07 0.00	47.88 2.09 0.00	45.64 1.86 -2.92	50.65 2.22 0.00	42.79 1.91 0.00	36.92 1.68 0.00	38.95 1.79 -0.38	49.42 1.79 -10.04	39.99 1.89 -0.01	46.08 2.09 0.00	58.35 2.71 0.00	64.23 2.94 -0.06	64.06 2.61 -0.56	73.39 3.07 -0.71	65.92 2.83 -0.32	69.03 3.10 0.00	57.27 2.54 -3.23	73.68 2.91 -12.56	69.99 2.71 -14.38	47.02 2.18 -2.79	56.92 2.40 -6.64	44.64 2.10 -0.01	43.14 1.90 0.00	45.61 1.92 0.00
HUNTER MOUNT___DRP 323613	51.53 2.28 0.00	48.09 2.29 0.00	45.73 2.02 -2.85	50.88 2.45 0.00	42.97 2.09 0.00	37.07 1.83 0.00	39.11 1.96 -0.37	49.32 1.94 -9.79	40.19 2.09 -0.01	46.31 2.33 0.00	58.69 3.05 0.00	64.58 3.29 -0.06	64.31 2.87 -0.55	73.76 3.45 -0.69	66.28 3.20 -0.31	69.46 3.53 0.00	57.55 2.89 -3.15	73.78 3.33 -12.25	69.98 3.06 -14.03	47.19 2.43 -2.72	57.01 2.65 -6.47	44.86 2.31 -0.01	43.34 2.10 0.00	45.81 2.12 0.00
HUNTINGTON_RES_REC 323705	52.06 2.81 0.00	48.61 2.82 0.00	45.66 2.38 -2.42	51.25 2.82 0.00	43.34 2.46 0.00	37.65 2.41 0.00	39.47 2.37 -0.31	48.07 2.18 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	59.05 3.41 0.00	65.32 4.04 -0.05	65.95 4.54 -0.50	74.04 4.11 -0.31	66.50 3.70 -0.02	67.61 3.05 1.38	55.88 2.55 -1.82	69.94 2.83 -8.91	66.17 2.69 -10.58	46.10 2.04 -2.01	56.03 2.66 -5.49	45.14 2.60 -0.01	43.85 2.61 0.00	46.24 2.55 0.00
HUNTLEY___63 23557	48.26 -1.00 0.00	44.25 -1.55 0.00	39.05 -2.19 -0.38	45.63 -2.80 0.00	38.68 -2.20 0.00	33.29 -1.95 0.00	34.79 -2.05 -0.05	36.45 -2.46 -1.32	35.66 -2.43 0.00	41.50 -2.49 0.00	51.81 -3.83 0.00	56.71 -4.52 -0.01	55.91 -5.06 -0.07	64.15 -5.56 -0.09	57.82 -5.00 -0.04	61.24 -4.70 0.00	47.85 -4.08 -0.42	55.47 -4.38 -1.65	49.80 -4.18 -1.08	39.70 -2.72 -0.36	45.43 -3.32 -0.87	40.12 -2.42 0.00	39.58 -1.66 0.00	42.68 -1.01 0.00
HUNTLEY___64 23558	48.26 -1.00 0.00	44.25 -1.55 0.00	39.05 -2.19 -0.38	45.63 -2.80 0.00	38.68 -2.20 0.00	33.29 -1.95 0.00	34.79 -2.05 -0.05	36.45 -2.46 -1.32	35.66 -2.43 0.00	41.50 -2.49 0.00	51.81 -3.83 0.00	56.71 -4.52 -0.01	55.91 -5.06 -0.07	64.15 -5.56 -0.09	57.82 -5.00 -0.04	61.24 -4.70 0.00	47.85 -4.08 -0.42	55.47 -4.38 -1.65	49.80 -4.18 -1.08	39.70 -2.72 -0.36	45.43 -3.32 -0.87	40.12 -2.42 0.00	39.58 -1.66 0.00	42.68 -1.01 0.00
HUNTLEY___65 23559	48.26 -1.00 0.00	44.25 -1.55 0.00	39.05 -2.19 -0.38	45.63 -2.80 0.00	38.68 -2.20 0.00	33.29 -1.95 0.00	34.79 -2.05 -0.05	36.45 -2.46 -1.32	35.66 -2.43 0.00	41.50 -2.49 0.00	51.81 -3.83 0.00	56.71 -4.52 -0.01	55.91 -5.06 -0.07	64.15 -5.56 -0.09	57.82 -5.00 -0.04	61.24 -4.70 0.00	47.85 -4.08 -0.42	55.47 -4.38 -1.65	49.80 -4.18 -1.08	39.70 -2.72 -0.36	45.43 -3.32 -0.87	40.12 -2.42 0.00	39.58 -1.66 0.00	42.68 -1.01 0.00
HUNTLEY___66 23560	48.26 -1.00 0.00	44.25 -1.55 0.00	39.05 -2.19 -0.38	45.63 -2.80 0.00	38.68 -2.20 0.00	33.29 -1.95 0.00	34.79 -2.05 -0.05	36.45 -2.46 -1.32	35.66 -2.43 0.00	41.50 -2.49 0.00	51.81 -3.83 0.00	56.71 -4.52 -0.01	55.91 -5.06 -0.07	64.15 -5.56 -0.09	57.82 -5.00 -0.04	61.24 -4.70 0.00	47.85 -4.08 -0.42	55.47 -4.38 -1.65	49.80 -4.18 -1.08	39.70 -2.72 -0.36	45.43 -3.32 -0.87	40.12 -2.42 0.00	39.58 -1.66 0.00	42.68 -1.01 0.00
HUNTLEY___67 23561	48.05 -1.20 0.00	44.05 -1.74 0.00	38.91 -2.33 -0.39	45.45 -2.98 0.00	38.53 -2.35 0.00	33.13 -2.11 0.00	34.61 -2.22 -0.05	36.39 -2.56 -1.35	35.54 -2.55 0.00	41.33 -2.65 0.00	51.62 -4.02 0.00	56.51 -4.73 -0.01	55.69 -5.28 -0.08	63.85 -5.85 -0.10	57.54 -5.28 -0.04	60.93 -5.01 0.00	47.65 -4.29 -0.43	55.30 -4.59 -1.68	49.61 -4.36 -1.08	39.55 -2.88 -0.37	45.34 -3.43 -0.89	39.95 -2.59 0.00	39.38 -1.86 0.00	42.40 -1.30 0.00
HUNTLEY___68 23562	48.05 -1.20 0.00	44.05 -1.74 0.00	38.91 -2.33 -0.39	45.45 -2.98 0.00	38.53 -2.35 0.00	33.13 -2.11 0.00	34.61 -2.22 -0.05	36.39 -2.56 -1.35	35.54 -2.55 0.00	41.33 -2.65 0.00	51.62 -4.02 0.00	56.51 -4.73 -0.01	55.69 -5.28 -0.08	63.85 -5.85 -0.10	57.54 -5.28 -0.04	60.93 -5.01 0.00	47.65 -4.29 -0.43	55.30 -4.59 -1.68	49.61 -4.36 -1.08	39.55 -2.88 -0.37	45.34 -3.43 -0.89	39.95 -2.59 0.00	39.38 -1.86 0.00	42.40 -1.30 0.00

HYLAND___LFGE 323620	51.15 1.90 0.00	46.95 1.16 0.00	41.72 0.42 -0.44	48.69 0.27 0.00	41.20 0.33 0.00	35.47 0.23 0.00	37.14 0.30 -0.06	40.79 1.22 -1.98	39.52 1.43 0.00	45.82 1.84 0.00	56.83 1.19 0.00	61.40 0.15 -0.01	58.88 -2.12 -0.10	67.39 -2.33 -0.11	61.37 -1.46 -0.05	65.25 -0.69 0.00	51.50 -0.49 -0.49	60.31 0.20 -1.90	53.49 0.05 -0.54	42.89 0.42 -0.42	49.08 0.20 -1.01	42.82 0.28 0.00	41.74 0.50 0.00	44.44 0.75 0.00
INDECK___CORINTH 23802	52.87 3.62 0.00	49.09 3.29 0.00	46.90 2.93 -3.12	51.89 3.46 -0.01	43.83 2.95 0.00	37.80 2.56 0.00	39.99 2.80 -0.40	51.25 2.96 -10.70	41.14 3.05 -0.01	47.51 3.52 0.00	60.33 4.70 0.00	66.47 5.17 -0.06	66.53 5.03 -0.60	75.71 5.34 -0.76	68.01 4.89 -0.34	71.15 5.22 0.00	59.10 4.16 -3.44	76.26 4.66 -13.39	72.34 4.12 -15.34	48.33 3.30 -2.97	58.69 3.73 -7.08	45.80 3.25 -0.01	44.30 3.06 0.00	46.88 3.19 0.00
INDECK___ILION 23567	51.11 1.85 0.00	47.59 1.80 0.00	42.45 1.60 0.00	50.31 1.89 0.00	42.50 1.62 0.00	36.60 1.36 0.00	38.22 1.44 0.00	39.11 1.52 0.00	39.60 1.51 0.00	45.71 1.72 0.00	57.88 2.24 0.00	63.72 2.49 0.00	63.24 2.34 0.00	72.07 2.46 0.00	65.16 2.38 0.00	68.53 2.60 0.00	53.53 2.02 0.00	60.50 2.30 0.00	54.97 2.08 0.00	43.64 1.59 0.00	49.57 1.69 0.00	43.99 1.46 0.00	42.53 1.29 0.00	45.01 1.32 0.00
INDECK___OLEAN 23982	48.51 -0.75 0.00	44.68 -1.12 0.00	39.70 -1.63 -0.47	46.31 -2.11 0.00	39.28 -1.60 0.00	33.75 -1.48 0.00	35.21 -1.63 -0.06	37.28 -1.96 -1.65	36.20 -1.88 0.00	41.93 -2.06 0.00	52.56 -3.08 0.00	57.44 -3.80 -0.01	56.25 -4.74 -0.09	64.72 -5.00 -0.11	58.32 -4.51 -0.05	61.66 -4.28 0.00	48.63 -3.40 -0.52	56.88 -3.34 -2.02	50.63 -3.34 -1.08	40.36 -2.14 -0.45	46.45 -2.50 -1.07	40.51 -2.03 0.00	39.81 -1.43 0.00	42.79 -0.91 0.00
INDECK___OSWEGO 23783	47.66 -1.59 0.00	44.23 -1.56 0.00	39.61 -1.44 -0.20	46.68 -1.74 0.00	39.45 -1.43 0.00	34.04 -1.20 0.00	35.52 -1.29 -0.03	36.91 -1.36 -0.68	36.74 -1.34 0.00	42.50 -1.48 0.00	53.73 -1.91 0.00	59.12 -2.11 0.00	58.81 -2.12 -0.04	67.52 -2.14 -0.05	60.91 -1.89 -0.02	63.97 -1.97 0.00	50.17 -1.56 -0.22	57.22 -1.83 -0.85	52.09 -1.77 -0.97	40.81 -1.43 -0.19	46.72 -1.61 -0.45	41.02 -1.51 0.00	39.80 -1.44 0.00	42.16 -1.54 0.00
INDECK___YERKES 23781	48.29 -0.96 0.00	44.27 -1.53 0.00	39.07 -2.17 -0.38	45.66 -2.77 0.00	38.70 -2.18 0.00	33.30 -1.93 0.00	34.81 -2.02 -0.05	36.48 -2.44 -1.32	35.67 -2.41 0.00	41.52 -2.46 0.00	51.85 -3.79 0.00	56.75 -4.48 -0.01	55.94 -5.03 -0.07	64.17 -5.53 -0.09	57.84 -4.97 -0.04	61.30 -4.64 0.00	47.87 -4.06 -0.42	55.50 -4.35 -1.65	49.83 -4.14 -1.08	39.70 -2.72 -0.36	45.47 -3.28 -0.87	40.15 -2.39 0.00	39.61 -1.63 0.00	42.70 -0.99 0.00
INDIAN POINT_GT_1 24139	51.50 2.25 0.00	47.95 2.15 0.00	45.06 1.81 -2.39	50.53 2.10 0.00	42.62 1.73 0.00	36.86 1.63 0.00	38.87 1.78 -0.31	47.71 1.90 -8.22	39.89 1.80 -0.01	45.93 1.94 0.00	58.24 2.60 0.00	64.31 3.03 -0.05	64.52 3.16 -0.46	73.42 3.23 -0.58	65.81 2.78 -0.26	68.67 2.73 0.00	56.43 2.28 -2.64	71.21 2.72 -10.29	67.29 2.63 -11.78	46.38 2.04 -2.28	55.74 2.43 -5.44	44.68 2.14 -0.01	43.20 1.95 0.00	45.61 1.92 0.00
INDIAN POINT_GT_2 23659	51.50 2.25 0.00	47.95 2.15 0.00	45.06 1.81 -2.39	50.53 2.10 0.00	42.62 1.73 0.00	36.86 1.63 0.00	38.87 1.78 -0.31	47.71 1.90 -8.22	39.89 1.80 -0.01	45.93 1.94 0.00	58.24 2.60 0.00	64.31 3.03 -0.05	64.52 3.16 -0.46	73.42 3.23 -0.58	65.81 2.78 -0.26	68.67 2.73 0.00	56.43 2.28 -2.64	71.21 2.72 -10.29	67.29 2.63 -11.78	46.38 2.04 -2.28	55.74 2.43 -5.44	44.68 2.14 -0.01	43.20 1.95 0.00	45.61 1.92 0.00
INDIAN POINT_GT_3 24019	51.50 2.25 0.00	47.95 2.15 0.00	45.06 1.81 -2.39	50.53 2.10 0.00	42.62 1.73 0.00	36.86 1.63 0.00	38.87 1.78 -0.31	47.71 1.90 -8.22	39.89 1.80 -0.01	45.93 1.94 0.00	58.24 2.60 0.00	64.31 3.03 -0.05	64.52 3.16 -0.46	73.42 3.23 -0.58	65.81 2.78 -0.26	68.67 2.73 0.00	56.43 2.28 -2.64	71.21 2.72 -10.29	67.29 2.63 -11.78	46.38 2.04 -2.28	55.74 2.43 -5.44	44.68 2.14 -0.01	43.20 1.95 0.00	45.61 1.92 0.00
INDIAN POINT___2 23530	51.44 2.19 0.00	47.90 2.11 0.00	44.98 1.76 -2.36	50.47 2.04 0.00	42.57 1.69 0.00	36.83 1.59 0.00	38.82 1.73 -0.31	47.57 1.86 -8.11	39.85 1.76 -0.01	45.87 1.88 0.00	58.17 2.53 0.00	64.20 2.92 -0.05	64.41 3.06 -0.45	73.30 3.11 -0.58	65.71 2.68 -0.26	68.57 2.63 0.00	56.33 2.22 -2.61	70.99 2.64 -10.15	67.05 2.54 -11.62	46.29 1.99 -2.25	55.61 2.37 -5.37	44.62 2.08 -0.01	43.13 1.88 0.00	45.55 1.86 0.00
INDIAN POINT___3 23531	51.45 2.20 0.00	47.90 2.11 0.00	45.02 1.77 -2.39	50.48 2.05 0.00	42.58 1.70 0.00	36.83 1.59 0.00	38.83 1.74 -0.31	47.67 1.86 -8.22	39.86 1.76 -0.01	45.88 1.89 0.00	58.19 2.55 0.00	64.24 2.96 -0.05	64.44 3.08 -0.46	73.35 3.15 -0.58	65.74 2.70 -0.26	68.60 2.66 0.00	56.37 2.22 -2.65	71.14 2.65 -10.29	67.22 2.55 -11.78	46.33 1.99 -2.28	55.69 2.37 -5.44	44.63 2.08 -0.01	43.15 1.91 0.00	45.57 1.88 0.00
INGHAM_C_115KV_TB7 356103	53.36 4.10 0.00	49.80 4.00 0.00	44.36 3.50 0.00	52.58 4.15 0.00	44.42 3.54 0.00	38.23 2.99 0.00	39.95 3.16 0.00	40.92 3.32 0.00	41.38 3.30 0.00	47.70 3.72 0.00	60.45 4.81 0.00	66.56 5.33 0.00	65.84 4.94 0.00	74.82 5.21 0.00	67.84 5.06 0.00	71.53 5.60 0.00	55.92 4.42 0.00	63.23 5.03 0.00	57.44 4.55 0.00	45.58 3.53 0.00	51.67 3.79 0.00	45.83 3.30 0.00	44.17 2.93 0.00	46.68 2.99 0.00
IP CORINTH___1 23988	52.87 3.62 0.00	49.08 3.29 0.00	46.90 2.93 -3.12	51.89 3.46 -0.01	43.83 2.95 0.00	37.80 2.56 0.00	39.99 2.80 -0.40	51.25 2.96 -10.70	41.14 3.05 -0.01	47.51 3.52 0.00	60.33 4.69 0.00	66.46 5.17 -0.06	66.53 5.03 -0.60	75.71 5.34 -0.76	68.01 4.89 -0.34	71.15 5.21 0.00	59.11 4.16 -3.44	76.26 4.66 -13.39	72.34 4.11 -15.34	48.32 3.30 -2.97	58.68 3.73 -7.08	45.80 3.25 -0.01	44.30 3.06 0.00	46.88 3.19 0.00
IP___TICONDEROGA 23804	55.49 6.23 0.00	50.95 5.16 0.00	48.58 4.61 -3.11	53.85 5.42 -0.01	45.63 4.75 0.00	39.34 4.10 0.00	41.80 4.62 -0.40	53.39 5.11 -10.69	43.24 5.14 -0.01	49.85 5.86 0.00	63.65 8.00 0.00	70.14 8.85 -0.06	69.91 8.41 -0.59	79.14 8.77 -0.76	71.58 8.46 -0.34	75.24 9.31 0.00	62.35 7.40 -3.44	79.73 8.15 -13.38	74.97 6.76 -15.32	50.55 5.53 -2.97	60.79 5.84 -7.07	47.71 5.17 -0.01	46.09 4.85 0.00	48.84 5.15 0.00
ISLIP_RES_REC 323679	52.50 3.25 0.00	48.99 3.19 0.00	46.00 2.73 -2.42	51.68 3.24 0.00	43.72 2.84 0.00	38.05 2.81 0.00	39.88 2.78 -0.31	48.47 2.57 -8.30	40.60 2.51 -0.01	46.65 2.67 0.00	59.42 3.78 0.00	65.77 4.49 -0.05	66.53 5.12 -0.50	76.12 4.87 -1.64	68.47 4.51 -1.17	74.92 3.76 -5.23	60.51 3.10 -5.91	77.65 3.41 -16.04	72.99 3.19 -16.90	47.86 2.37 -3.44	56.39 3.02 -5.49	45.50 2.96 -0.01	44.17 2.93 0.00	46.50 2.81 0.00

JAMAICA__27_KV_LOAD 355505	51.73 2.47 0.00	48.11 2.32 0.00	45.18 1.91 -2.42	50.61 2.18 0.00	42.68 1.80 0.00	36.94 1.70 0.00	39.07 1.97 -0.31	48.06 2.16 -8.30	40.16 2.07 -0.01	46.25 2.27 0.00	58.68 3.04 0.00	64.76 3.48 -0.05	64.98 3.62 -0.46	73.93 3.73 -0.59	66.29 3.25 -0.26	69.10 3.16 0.00	56.87 2.70 -2.67	71.74 3.15 -10.39	67.92 3.13 -11.90	46.79 2.44 -2.31	56.17 2.81 -5.49	45.02 2.47 -0.01	43.50 2.26 0.00	45.84 2.15 0.00
JANIS__SOLAR 323808	51.09 1.84 0.00	47.35 1.55 0.00	42.80 1.25 -0.69	49.80 1.37 0.00	42.08 1.19 0.00	36.18 0.95 0.00	37.79 0.91 -0.09	40.92 0.94 -2.39	39.11 1.02 0.00	45.29 1.30 0.00	57.34 1.70 0.00	63.12 1.88 -0.01	62.72 1.69 -0.13	71.78 2.00 -0.17	64.40 1.55 -0.07	67.82 1.88 0.00	53.76 1.49 -0.76	63.10 1.93 -2.97	61.07 1.71 -6.47	44.01 1.30 -0.66	50.59 1.14 -1.57	43.35 0.81 0.00	42.06 0.82 0.00	44.49 0.79 0.00
JARVIS____ 23743	49.45 0.20 0.00	45.98 0.18 0.00	41.06 0.20 0.00	48.67 0.25 0.00	41.08 0.20 0.00	35.42 0.17 0.00	36.97 0.18 0.00	37.78 0.19 0.00	38.28 0.19 0.00	44.21 0.22 0.00	55.98 0.34 0.00	61.60 0.37 0.00	61.24 0.34 0.00	69.97 0.35 0.00	63.09 0.32 0.00	66.27 0.33 0.00	51.71 0.21 0.00	58.45 0.25 0.00	53.12 0.23 0.00	42.22 0.17 0.00	48.07 0.19 0.00	42.70 0.16 0.00	41.40 0.16 0.00	43.87 0.17 0.00
JENNISON____1 23625	51.37 2.12 0.00	47.63 1.83 0.00	43.27 1.54 -0.88	50.13 1.70 0.00	42.26 1.37 0.00	36.14 0.90 0.00	37.57 0.67 -0.11	41.25 0.64 -3.02	38.90 0.81 0.00	45.02 1.04 0.00	57.32 1.68 0.00	63.18 1.94 -0.02	62.80 1.73 -0.17	71.49 1.66 -0.21	63.91 1.04 -0.09	67.07 1.13 0.00	53.27 0.79 -0.97	63.14 1.18 -3.77	59.17 1.32 -4.96	43.69 0.81 -0.84	50.31 0.44 -1.99	42.81 0.27 0.00	41.58 0.34 0.00	44.11 0.41 0.00
JENNISON____2 23626	51.37 2.12 0.00	47.63 1.83 0.00	43.27 1.54 -0.88	50.13 1.70 0.00	42.26 1.37 0.00	36.14 0.90 0.00	37.57 0.67 -0.11	41.25 0.64 -3.02	38.90 0.81 0.00	45.02 1.04 0.00	57.32 1.68 0.00	63.18 1.94 -0.02	62.80 1.73 -0.17	71.49 1.66 -0.21	63.91 1.04 -0.09	67.07 1.13 0.00	53.27 0.79 -0.97	63.14 1.18 -3.77	59.17 1.32 -4.96	43.69 0.81 -0.84	50.31 0.44 -1.99	42.81 0.27 0.00	41.58 0.34 0.00	44.11 0.41 0.00
JERICOHO_RISE_WT_PWR 323719	49.75 0.49 0.00	45.38 -0.41 0.00	41.32 0.46 0.00	49.26 0.84 0.00	41.56 0.68 0.00	35.69 0.45 0.00	37.00 0.22 0.00	38.34 0.74 0.00	39.11 1.02 0.00	45.69 1.71 0.00	57.67 2.04 0.00	63.25 2.02 0.00	63.08 2.18 0.00	71.33 1.72 0.00	64.24 1.46 0.00	67.70 1.76 0.00	52.86 1.36 0.00	59.86 1.66 0.00	54.14 1.25 0.00	43.25 1.20 0.00	48.86 0.98 0.00	43.84 1.30 0.00	42.70 1.46 0.00	45.81 2.12 0.00
KATONAH__115KV_46KV_TB4 355592	51.76 2.51 0.00	48.19 2.39 0.00	45.34 2.03 -2.45	50.80 2.37 0.00	42.85 1.97 0.00	37.06 1.82 0.00	39.09 1.98 -0.32	48.12 2.12 -8.41	40.14 2.05 -0.01	46.24 2.25 0.00	58.62 2.98 0.00	64.72 3.44 -0.05	64.93 3.56 -0.47	73.91 3.70 -0.60	66.25 3.21 -0.27	69.13 3.19 0.00	56.85 2.65 -2.70	71.87 3.15 -10.52	67.94 3.00 -12.05	46.73 2.35 -2.34	56.20 2.76 -5.56	44.96 2.42 -0.01	43.45 2.22 0.00	45.85 2.16 0.00
KCE_NY_1 323755	51.97 2.72 0.00	48.46 2.66 0.00	46.26 2.29 -3.11	51.16 2.72 -0.01	43.17 2.29 0.00	37.23 1.99 0.00	39.33 2.15 -0.40	50.50 2.24 -10.67	40.39 2.29 -0.01	46.64 2.66 0.00	59.12 3.48 0.00	65.15 3.86 -0.06	65.28 3.78 -0.59	74.50 4.13 -0.76	66.80 3.68 -0.34	69.88 3.94 0.00	58.07 3.13 -3.43	75.14 3.58 -13.36	71.46 3.27 -15.29	47.62 2.60 -2.97	57.88 2.95 -7.06	45.13 2.58 -0.01	43.61 2.37 0.00	46.21 2.52 0.00
KCE_NY_6_ESR 323823	48.62 -0.63 0.00	44.59 -1.21 0.00	39.40 -1.87 -0.41	45.98 -2.45 0.00	38.96 -1.92 0.00	33.44 -1.80 0.00	34.97 -1.86 -0.05	36.85 -2.17 -1.43	35.99 -2.10 0.00	41.80 -2.19 0.00	52.20 -3.44 0.00	57.07 -4.17 -0.01	56.20 -4.78 -0.08	64.43 -5.29 -0.10	58.11 -4.71 -0.05	61.54 -4.40 0.00	48.15 -3.81 -0.45	56.01 -3.96 -1.77	50.12 -3.87 -1.10	39.97 -2.47 -0.39	45.87 -2.95 -0.94	40.32 -2.22 0.00	39.70 -1.54 0.00	42.73 -0.96 0.00
KEDC PORT_JEFF_GT2 24210	52.21 2.96 0.00	48.73 2.93 0.00	45.78 2.50 -2.42	51.41 2.97 0.00	43.50 2.62 0.00	37.85 2.61 0.00	39.64 2.54 -0.31	48.22 2.32 -8.30	40.36 2.27 -0.01	46.44 2.46 0.00	59.18 3.54 0.00	65.46 4.18 -0.05	66.18 4.78 -0.50	75.66 4.43 -1.62	68.01 4.08 -1.16	74.30 3.23 -5.13	59.96 2.61 -5.85	76.69 2.55 -15.93	72.24 2.54 -16.81	47.41 1.95 -3.42	55.93 2.56 -5.49	45.15 2.60 -0.01	43.90 2.67 0.00	46.26 2.57 0.00
KEDC PORT_JEFF_GT3 24211	52.21 2.96 0.00	48.73 2.93 0.00	45.78 2.50 -2.42	51.41 2.97 0.00	43.50 2.62 0.00	37.85 2.61 0.00	39.64 2.54 -0.31	48.22 2.32 -8.30	40.36 2.27 -0.01	46.44 2.46 0.00	59.18 3.54 0.00	65.46 4.18 -0.05	66.18 4.78 -0.50	75.66 4.43 -1.62	68.01 4.08 -1.16	74.30 3.23 -5.13	59.96 2.61 -5.85	76.69 2.55 -15.93	72.24 2.54 -16.81	47.41 1.95 -3.42	55.93 2.56 -5.49	45.15 2.60 -0.01	43.90 2.67 0.00	46.26 2.57 0.00
KEDC_GLWD_GT4 24219	52.11 2.86 0.00	48.53 2.73 0.00	45.58 2.31 -2.42	51.13 2.69 0.00	43.14 2.26 0.00	37.36 2.12 0.00	39.33 2.23 -0.31	48.18 2.28 -8.30	40.29 2.20 -0.01	46.42 2.43 0.00	59.01 3.37 0.00	65.16 3.88 -0.05	65.56 4.14 -0.52	74.32 4.11 -0.59	66.60 3.56 -0.26	69.34 3.40 0.00	57.01 2.84 -2.67	71.95 3.36 -10.39	67.96 3.18 -11.90	46.83 2.48 -2.31	56.39 3.02 -5.49	45.27 2.72 -0.01	43.81 2.57 0.00	46.21 2.52 0.00
KEDC_GLWD_GT5 24220	52.11 2.86 0.00	48.53 2.73 0.00	45.58 2.31 -2.42	51.13 2.69 0.00	43.14 2.26 0.00	37.36 2.12 0.00	39.33 2.23 -0.31	48.18 2.28 -8.30	40.29 2.20 -0.01	46.42 2.43 0.00	59.01 3.37 0.00	65.16 3.88 -0.05	65.56 4.14 -0.52	74.32 4.11 -0.59	66.60 3.56 -0.26	69.34 3.40 0.00	57.01 2.84 -2.67	71.95 3.36 -10.39	67.96 3.18 -11.90	46.83 2.48 -2.31	56.39 3.02 -5.49	45.27 2.72 -0.01	43.81 2.57 0.00	46.21 2.52 0.00
KENSICO____ 23655	51.63 2.37 0.00	48.06 2.26 0.00	45.18 1.91 -2.41	50.64 2.21 0.00	42.72 1.84 0.00	36.95 1.71 0.00	38.96 1.86 -0.31	47.87 1.99 -8.28	40.00 1.90 -0.01	46.05 2.07 0.00	58.42 2.78 0.00	64.49 3.21 -0.05	64.70 3.35 -0.46	73.64 3.44 -0.59	65.99 2.95 -0.26	68.83 2.90 0.00	56.60 2.43 -2.66	71.45 2.87 -10.37	67.52 2.76 -11.87	46.51 2.16 -2.30	55.92 2.56 -5.48	44.81 2.27 -0.01	43.32 2.08 0.00	45.73 2.03 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.93 2.68 0.00	48.33 2.53 0.00	45.34 2.16 -2.33	50.95 2.52 0.00	42.98 2.10 0.00	37.15 1.91 0.00	39.18 2.09 -0.30	47.83 2.24 -8.00	40.29 2.20 -0.01	46.39 2.40 0.00	58.73 3.09 0.00	64.84 3.56 -0.05	65.01 3.66 -0.44	74.12 3.94 -0.57	66.51 3.48 -0.25	69.45 3.51 0.00	57.02 2.94 -2.57	71.73 3.52 -10.01	67.66 3.31 -11.46	46.89 2.61 -2.22	56.16 2.99 -5.29	45.13 2.58 -0.01	43.58 2.34 0.00	45.97 2.28 0.00

KIAC_JFK_GT1 23816	51.36 2.11 0.00	47.79 1.99 0.00	44.90 1.63 -2.42	50.28 1.85 0.00	42.40 1.53 0.00	36.69 1.46 0.00	38.80 1.71 -0.31	47.79 1.89 -8.30	39.90 1.80 -0.01	45.95 1.97 0.00	58.29 2.66 0.00	64.34 3.06 -0.05	64.56 3.20 -0.46	73.44 3.25 -0.59	65.84 2.80 -0.26	68.58 2.65 0.00	56.46 2.29 -2.67	71.26 2.67 -10.39	67.48 2.70 -11.90	46.43 2.08 -2.31	55.77 2.40 -5.49	44.68 2.13 -0.01	43.18 1.94 0.00	45.52 1.83 0.00
KIAC_JFK_GT2 23817	51.36 2.11 0.00	47.79 1.99 0.00	44.90 1.63 -2.42	50.28 1.85 0.00	42.40 1.53 0.00	36.69 1.46 0.00	38.80 1.71 -0.31	47.79 1.89 -8.30	39.90 1.80 -0.01	45.95 1.97 0.00	58.29 2.66 0.00	64.34 3.06 -0.05	64.56 3.20 -0.46	73.44 3.25 -0.59	65.84 2.80 -0.26	68.58 2.65 0.00	56.46 2.29 -2.67	71.26 2.67 -10.39	67.48 2.70 -11.90	46.43 2.08 -2.31	55.77 2.40 -5.49	44.68 2.13 -0.01	43.18 1.94 0.00	45.52 1.83 0.00
KIAC_JFK____ 323774	51.37 2.12 0.00	47.79 1.99 0.00	44.90 1.63 -2.42	50.29 1.85 0.00	42.40 1.52 0.00	36.69 1.45 0.00	38.80 1.71 -0.31	47.79 1.89 -8.30	39.90 1.80 -0.01	45.95 1.97 0.00	58.29 2.66 0.00	64.33 3.06 -0.05	64.56 3.19 -0.46	73.44 3.24 -0.59	65.84 2.80 -0.26	68.58 2.65 0.00	56.46 2.29 -2.67	71.25 2.66 -10.39	67.48 2.69 -11.90	46.43 2.08 -2.31	55.77 2.40 -5.49	44.68 2.13 -0.01	43.18 1.94 0.00	45.52 1.82 0.00
KINTIGH__24_KV_GSU 356498	47.92 -1.33 0.00	44.03 -1.76 0.00	38.97 -2.21 -0.33	45.64 -2.79 0.00	38.68 -2.20 0.00	33.33 -1.91 0.00	34.81 -2.02 -0.04	36.40 -2.31 -1.12	35.74 -2.34 0.00	41.55 -2.43 0.00	52.01 -3.62 0.00	57.02 -4.22 -0.01	56.35 -4.61 -0.06	64.63 -5.06 -0.08	58.21 -4.60 -0.04	61.55 -4.39 0.00	48.15 -3.72 -0.36	55.63 -3.98 -1.41	50.15 -3.78 -1.04	39.81 -2.56 -0.31	45.59 -3.04 -0.75	40.23 -2.30 0.00	39.55 -1.68 0.00	42.46 -1.24 0.00
KINTIGH____ 23543	47.88 -1.37 0.00	44.00 -1.79 0.00	38.94 -2.24 -0.33	45.62 -2.81 0.00	38.65 -2.23 0.00	33.31 -1.93 0.00	34.79 -2.04 -0.04	36.39 -2.33 -1.12	35.71 -2.37 0.00	41.52 -2.47 0.00	51.99 -3.65 0.00	56.99 -4.25 -0.01	56.31 -4.65 -0.06	64.58 -5.12 -0.08	58.17 -4.64 -0.04	61.52 -4.42 0.00	48.14 -3.73 -0.36	55.60 -4.02 -1.41	50.12 -3.81 -1.04	39.80 -2.57 -0.31	45.54 -3.08 -0.75	40.21 -2.33 0.00	39.53 -1.71 0.00	42.42 -1.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.70 1.45 0.00	46.27 0.47 0.00	42.05 1.20 0.00	50.10 1.67 0.00	42.31 1.43 0.00	36.34 1.10 0.00	37.73 0.95 0.00	39.12 1.52 0.00	39.86 1.77 0.00	46.52 2.54 0.00	58.70 3.06 0.00	64.44 3.21 0.00	64.18 3.28 0.00	72.55 2.93 0.00	65.41 2.63 0.00	68.99 3.05 0.00	53.85 2.35 0.00	61.06 2.86 0.00	55.13 2.24 0.00	44.08 2.03 0.00	49.78 1.90 0.00	44.61 2.08 0.00	43.40 2.16 0.00	46.48 2.79 0.00
LACHUTE____HYDRO 323717	55.48 6.23 0.00	50.95 5.16 0.00	48.58 4.61 -3.11	53.85 5.42 -0.01	45.63 4.75 0.00	39.34 4.10 0.00	41.80 4.62 -0.40	53.39 5.11 -10.69	43.24 5.15 -0.01	49.85 5.86 0.00	63.65 8.01 0.00	70.14 8.85 -0.06	69.91 8.42 -0.59	79.14 8.77 -0.76	71.58 8.46 -0.34	75.24 9.31 0.00	62.35 7.40 -3.44	79.73 8.15 -13.38	74.97 6.76 -15.32	50.55 5.53 -2.97	60.79 5.83 -7.07	47.71 5.16 -0.01	46.09 4.85 0.00	48.84 5.14 0.00
LAWRNCALV_115KV_TB1 80681	49.86 0.60 0.00	45.41 -0.38 0.00	41.36 0.46 -0.04	49.39 0.96 0.00	41.66 0.78 0.00	35.63 0.39 0.00	36.75 -0.05 -0.01	38.08 0.34 -0.15	38.69 0.61 0.00	45.35 1.36 0.00	57.30 1.67 0.00	62.79 1.56 0.00	62.62 1.72 -0.01	70.84 1.22 -0.01	63.73 0.95 -0.01	67.00 1.06 0.00	52.10 0.55 -0.05	59.08 0.69 -0.19	53.63 0.53 -0.21	42.61 0.52 -0.04	48.57 0.59 -0.10	43.50 0.97 0.00	42.54 1.30 0.00	45.76 2.06 0.00
LEDERLE____ 23769	51.71 2.46 0.00	48.13 2.33 0.00	45.15 1.96 -2.34	50.70 2.27 0.00	42.76 1.88 0.00	37.00 1.76 0.00	39.01 1.92 -0.30	47.69 2.06 -8.03	40.04 1.95 -0.01	46.08 2.10 0.00	58.45 2.81 0.00	64.52 3.24 -0.05	64.72 3.37 -0.45	73.67 3.49 -0.57	66.04 3.02 -0.25	68.94 3.01 0.00	56.61 2.52 -2.58	71.24 2.99 -10.05	67.26 2.86 -11.51	46.52 2.24 -2.23	55.83 2.64 -5.31	44.84 2.30 -0.01	43.34 2.10 0.00	45.78 2.09 0.00
LIGHTHSE_115KV_TB6 355974	48.40 -0.85 0.00	44.73 -1.07 0.00	40.11 -0.93 -0.18	47.39 -1.04 0.00	39.98 -0.90 0.00	34.41 -0.82 0.00	35.78 -1.02 -0.02	37.06 -1.15 -0.62	37.09 -0.99 0.00	43.25 -0.73 0.00	54.79 -0.85 0.00	60.28 -0.95 0.00	60.04 -0.90 -0.03	68.71 -0.95 -0.04	61.83 -0.97 -0.02	64.74 -1.20 0.00	50.65 -1.06 -0.20	57.80 -1.18 -0.78	52.72 -1.07 -0.89	41.24 -0.98 -0.17	47.38 -0.91 -0.41	41.39 -1.15 0.00	40.15 -1.09 0.00	42.56 -1.14 0.00
LINDEN COGEN____ 23786	51.68 2.43 0.00	48.06 2.27 0.00	45.20 1.93 -2.42	50.63 2.20 0.00	42.72 1.84 0.00	36.98 1.74 0.00	39.01 1.91 -0.31	47.97 2.08 -8.30	40.07 1.98 -0.01	46.13 2.15 0.00	58.52 2.88 0.00	64.62 3.34 -0.05	64.83 3.48 -0.46	73.74 3.54 -0.59	66.10 3.06 -0.26	68.91 2.97 0.00	56.70 2.53 -2.67	71.57 2.97 -10.39	67.67 2.88 -11.90	46.62 2.26 -2.31	56.03 2.67 -5.49	44.92 2.37 -0.01	43.39 2.15 0.00	45.77 2.07 0.00
LINDHRST_69_KV_BK1 356055	52.69 3.43 0.00	49.14 3.34 0.00	46.08 2.80 -2.42	51.72 3.29 0.00	43.71 2.83 0.00	37.93 2.69 0.00	39.82 2.72 -0.31	48.53 2.63 -8.30	40.64 2.54 -0.01	46.81 2.82 0.00	59.64 4.00 0.00	65.96 4.69 -0.05	66.59 5.18 -0.51	75.43 4.97 -0.84	67.62 4.36 -0.49	71.28 4.07 -1.28	58.31 3.34 -3.46	73.89 3.91 -11.77	69.67 3.66 -13.12	47.46 2.83 -2.58	56.95 3.58 -5.49	45.84 3.29 -0.01	44.46 3.22 0.00	46.84 3.14 0.00
LIPA_MISC_IPP 23656	52.29 3.04 0.00	48.79 2.99 0.00	45.84 2.57 -2.42	51.54 3.11 0.00	43.64 2.76 0.00	38.02 2.79 0.00	39.86 2.76 -0.31	48.44 2.54 -8.30	40.56 2.47 -0.01	46.53 2.54 0.00	59.21 3.57 0.00	65.46 4.18 -0.05	66.27 4.87 -0.50	76.10 4.63 -1.86	68.44 4.29 -1.37	75.80 3.50 -6.36	61.02 2.90 -6.61	78.59 3.12 -17.26	73.71 2.83 -17.99	47.69 1.96 -3.68	55.95 2.58 -5.49	45.11 2.57 -0.01	43.81 2.57 0.00	46.12 2.42 0.00
LISF____SOLAR 323691	52.38 3.13 0.00	48.87 3.07 0.00	45.91 2.64 -2.42	51.63 3.19 0.00	43.72 2.84 0.00	38.09 2.85 0.00	39.93 2.83 -0.31	48.50 2.60 -8.30	40.60 2.51 -0.01	46.56 2.58 0.00	59.25 3.61 0.00	65.53 4.25 -0.05	66.36 4.96 -0.50	76.17 4.74 -1.82	68.54 4.43 -1.33	75.69 3.61 -6.14	61.00 3.02 -6.48	78.49 3.25 -17.03	73.62 2.95 -17.78	47.73 2.04 -3.64	56.04 2.67 -5.49	45.21 2.66 -0.01	43.89 2.66 0.00	46.19 2.50 0.00
LITTLE FALLS____HYD 24013	53.36 4.10 0.00	49.80 4.00 0.00	44.36 3.50 0.00	52.58 4.15 0.00	44.42 3.54 0.00	38.23 2.99 0.00	39.95 3.16 0.00	40.92 3.32 0.00	41.38 3.30 0.00	47.70 3.72 0.00	60.45 4.81 0.00	66.56 5.33 0.00	65.84 4.94 0.00	74.82 5.21 0.00	67.84 5.06 0.00	71.53 5.60 0.00	55.92 4.42 0.00	63.23 5.03 0.00	57.44 4.55 0.00	45.58 3.53 0.00	51.67 3.79 0.00	45.83 3.30 0.00	44.17 2.93 0.00	46.68 2.99 0.00

LITTLRIV_115KV_TB1 356100	50.41 1.16 0.00	45.89 0.09 0.00	41.80 0.90 -0.05	49.92 1.50 0.00	42.11 1.23 0.00	36.00 0.76 0.00	37.10 0.31 -0.01	38.46 0.71 -0.15	39.09 1.01 0.00	45.82 1.83 0.00	57.89 2.25 0.00	63.33 2.10 0.00	63.15 2.24 -0.01	71.51 1.89 -0.01	64.33 1.55 -0.01	67.70 1.76 0.00	52.67 1.11 -0.05	59.81 1.41 -0.19	54.27 1.15 -0.22	43.11 1.02 -0.04	49.11 1.12 -0.10	43.96 1.43 0.00	43.02 1.77 0.00	46.28 2.58 0.00
LI_NEWBRDGE___DRP 323616	51.85 2.59 0.00	48.33 2.54 0.00	45.41 2.14 -2.42	50.94 2.51 0.00	43.04 2.16 0.00	37.32 2.08 0.00	39.15 2.06 -0.31	47.88 1.98 -8.30	40.02 1.93 -0.01	46.11 2.13 0.00	58.75 3.11 0.00	64.88 3.60 -0.05	65.41 4.01 -0.50	73.82 3.62 -0.59	66.25 3.21 -0.26	68.73 2.80 0.00	56.57 2.39 -2.67	71.38 2.79 -10.39	67.44 2.65 -11.90	46.37 2.01 -2.31	56.00 2.63 -5.49	45.00 2.46 -0.01	43.64 2.40 0.00	46.02 2.33 0.00
LOCKPORT_115KV_TB60_63_64 80432	48.21 -1.05 0.00	44.22 -1.58 0.00	38.98 -2.24 -0.36	45.60 -2.83 0.00	38.66 -2.22 0.00	33.28 -1.95 0.00	34.77 -2.06 -0.05	36.24 -2.60 -1.25	35.54 -2.55 0.00	41.39 -2.60 0.00	51.67 -3.97 0.00	56.55 -4.69 -0.01	55.74 -5.23 -0.07	63.96 -5.74 -0.09	57.68 -5.13 -0.04	61.10 -4.84 0.00	47.64 -4.26 -0.40	55.12 -4.65 -1.57	49.59 -4.37 -1.07	39.49 -2.90 -0.35	45.18 -3.52 -0.83	39.95 -2.58 0.00	39.50 -1.74 0.00	42.49 -1.20 0.00
LOCKPORT___CC1 323769	48.16 -1.10 0.00	44.16 -1.64 0.00	38.95 -2.27 -0.37	45.53 -2.90 0.00	38.60 -2.28 0.00	33.23 -2.01 0.00	34.71 -2.12 -0.05	36.23 -2.62 -1.26	35.51 -2.58 0.00	41.34 -2.64 0.00	51.62 -4.03 0.00	56.50 -4.74 -0.01	55.68 -5.29 -0.07	63.86 -5.83 -0.09	57.57 -5.25 -0.04	60.99 -4.94 0.00	47.56 -4.35 -0.41	55.07 -4.71 -1.58	49.53 -4.43 -1.07	39.43 -2.97 -0.35	45.15 -3.56 -0.84	39.91 -2.63 0.00	39.44 -1.80 0.00	42.45 -1.25 0.00
LOCKPORT___CC2 323770	48.16 -1.10 0.00	44.16 -1.64 0.00	38.95 -2.27 -0.37	45.53 -2.90 0.00	38.60 -2.28 0.00	33.23 -2.01 0.00	34.71 -2.12 -0.05	36.23 -2.62 -1.26	35.51 -2.58 0.00	41.34 -2.64 0.00	51.62 -4.03 0.00	56.50 -4.74 -0.01	55.68 -5.29 -0.07	63.86 -5.83 -0.09	57.57 -5.25 -0.04	60.99 -4.94 0.00	47.56 -4.35 -0.41	55.07 -4.71 -1.58	49.53 -4.43 -1.07	39.43 -2.97 -0.35	45.15 -3.56 -0.84	39.91 -2.63 0.00	39.44 -1.80 0.00	42.45 -1.25 0.00
LOCKPORT___CC3 323771	48.16 -1.10 0.00	44.16 -1.64 0.00	38.95 -2.27 -0.37	45.53 -2.90 0.00	38.60 -2.28 0.00	33.23 -2.01 0.00	34.71 -2.12 -0.05	36.23 -2.62 -1.26	35.51 -2.58 0.00	41.34 -2.64 0.00	51.62 -4.03 0.00	56.50 -4.74 -0.01	55.68 -5.29 -0.07	63.86 -5.83 -0.09	57.57 -5.25 -0.04	60.99 -4.94 0.00	47.56 -4.35 -0.41	55.07 -4.71 -1.58	49.53 -4.43 -1.07	39.43 -2.97 -0.35	45.15 -3.56 -0.84	39.91 -2.63 0.00	39.44 -1.80 0.00	42.45 -1.25 0.00
LOCUSVLY_69_KV_BK2 55797	52.23 2.98 0.00	48.68 2.88 0.00	45.71 2.43 -2.42	51.28 2.85 0.00	43.30 2.42 0.00	37.53 2.29 0.00	39.45 2.35 -0.31	48.24 2.34 -8.30	40.35 2.26 -0.01	46.50 2.52 0.00	59.19 3.55 0.00	65.39 4.11 -0.05	65.88 4.47 -0.51	74.22 4.28 -0.32	66.57 3.76 -0.03	68.12 3.50 1.32	56.30 2.94 -1.85	70.62 3.45 -8.97	66.80 3.27 -10.64	46.59 2.52 -2.02	56.46 3.09 -5.49	45.37 2.82 -0.01	43.96 2.72 0.00	46.37 2.68 0.00
LONG_LAKE_PHOENIX 24014	47.68 -1.57 0.00	44.26 -1.53 0.00	39.61 -1.44 -0.20	46.66 -1.76 0.00	39.44 -1.44 0.00	34.05 -1.18 0.00	35.55 -1.26 -0.03	36.97 -1.31 -0.69	36.76 -1.33 0.00	42.50 -1.48 0.00	53.69 -1.95 0.00	59.06 -2.17 0.00	58.75 -2.18 -0.04	67.45 -2.22 -0.05	60.88 -1.91 -0.02	63.97 -1.97 0.00	50.18 -1.55 -0.22	57.28 -1.78 -0.86	52.13 -1.76 -0.99	40.85 -1.39 -0.19	46.73 -1.61 -0.46	41.04 -1.50 0.00	39.82 -1.42 0.00	42.17 -1.53 0.00
LOVETT___3 23632	51.43 2.18 0.00	47.88 2.08 0.00	44.96 1.75 -2.35	50.46 2.03 0.00	42.56 1.68 0.00	36.82 1.58 0.00	38.81 1.72 -0.30	47.53 1.86 -8.08	39.85 1.75 -0.01	45.86 1.88 0.00	58.15 2.51 0.00	64.20 2.92 -0.05	64.39 3.04 -0.45	73.29 3.11 -0.57	65.70 2.67 -0.26	68.55 2.62 0.00	56.32 2.21 -2.60	70.95 2.63 -10.12	67.01 2.54 -11.58	46.27 1.98 -2.25	55.57 2.35 -5.34	44.61 2.06 -0.01	43.12 1.88 0.00	45.55 1.85 0.00
LOVETT___4 23642	51.43 2.18 0.00	47.88 2.08 0.00	44.96 1.75 -2.35	50.46 2.03 0.00	42.56 1.68 0.00	36.82 1.58 0.00	38.81 1.72 -0.30	47.53 1.86 -8.08	39.85 1.75 -0.01	45.86 1.88 0.00	58.15 2.51 0.00	64.20 2.92 -0.05	64.39 3.04 -0.45	73.29 3.11 -0.57	65.70 2.67 -0.26	68.55 2.62 0.00	56.32 2.21 -2.60	70.95 2.63 -10.12	67.01 2.54 -11.58	46.27 1.98 -2.25	55.57 2.35 -5.34	44.61 2.06 -0.01	43.12 1.88 0.00	45.55 1.85 0.00
LOVETT___5 23593	51.43 2.18 0.00	47.88 2.08 0.00	44.96 1.75 -2.35	50.46 2.03 0.00	42.56 1.68 0.00	36.82 1.58 0.00	38.81 1.72 -0.30	47.53 1.86 -8.08	39.85 1.75 -0.01	45.86 1.88 0.00	58.15 2.51 0.00	64.20 2.92 -0.05	64.39 3.04 -0.45	73.29 3.11 -0.57	65.70 2.67 -0.26	68.55 2.62 0.00	56.32 2.21 -2.60	70.95 2.63 -10.12	67.01 2.54 -11.58	46.27 1.98 -2.25	55.57 2.35 -5.34	44.61 2.06 -0.01	43.12 1.88 0.00	45.55 1.85 0.00
LOWER RAQUET___HYD 24057	49.82 0.56 0.00	45.37 -0.43 0.00	41.32 0.41 -0.05	49.34 0.91 0.00	41.61 0.73 0.00	35.55 0.32 0.00	36.61 -0.17 -0.01	37.94 0.19 -0.16	38.57 0.48 0.00	45.21 1.22 0.00	57.16 1.52 0.00	62.60 1.37 0.00	62.45 1.54 -0.01	70.66 1.04 -0.01	63.56 0.77 -0.01	66.80 0.86 0.00	51.94 0.38 -0.05	58.85 0.44 -0.20	53.43 0.31 -0.23	42.41 0.32 -0.04	48.42 0.44 -0.11	43.32 0.78 0.00	42.43 1.19 0.00	45.66 1.97 0.00
LOWER___HUDSON 24059	51.02 1.77 0.00	47.59 1.79 0.00	45.52 1.61 -3.05	50.35 1.91 -0.01	42.47 1.59 0.00	36.61 1.37 0.00	38.64 1.46 -0.39	49.57 1.48 -10.49	39.59 1.50 -0.01	45.68 1.70 0.00	57.82 2.18 0.00	63.75 2.46 -0.06	63.93 2.45 -0.58	73.01 2.66 -0.74	65.46 2.35 -0.33	68.41 2.47 0.00	56.85 1.98 -3.38	73.63 2.30 -13.13	70.09 2.17 -15.03	46.68 1.72 -2.92	56.77 1.95 -6.94	44.26 1.72 -0.01	42.82 1.58 0.00	45.35 1.65 0.00
LOWVILLE_115KV_TB2 356335	49.86 0.60 0.00	45.74 -0.06 0.00	41.24 0.30 -0.09	49.02 0.59 0.00	41.35 0.47 0.00	35.38 0.14 0.00	36.59 -0.21 -0.01	37.36 -0.54 -0.31	38.08 -0.01 0.00	44.90 0.91 0.00	57.21 1.58 0.00	62.80 1.57 0.00	62.57 1.65 -0.02	71.02 1.39 -0.02	63.83 1.05 -0.01	66.34 0.40 0.00	51.70 0.09 -0.10	58.81 0.21 -0.39	53.93 0.59 -0.45	41.97 -0.17 -0.09	48.80 0.71 -0.21	42.22 -0.31 0.00	41.02 -0.22 0.00	43.57 -0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.97 2.72 0.00	48.38 2.58 0.00	46.26 2.29 -3.11	51.16 2.72 -0.01	43.17 2.29 0.00	37.22 1.98 0.00	39.32 2.14 -0.40	50.49 2.22 -10.67	40.36 2.27 -0.01	46.59 2.61 0.00	59.08 3.44 0.00	65.09 3.80 -0.06	65.21 3.72 -0.59	74.41 4.04 -0.76	66.77 3.65 -0.34	69.84 3.91 0.00	58.05 3.11 -3.43	75.10 3.53 -13.36	71.40 3.21 -15.29	47.58 2.57 -2.97	57.83 2.89 -7.06	45.08 2.53 -0.01	43.59 2.35 0.00	46.15 2.46 0.00

LUTHERNY_35_KV_BK2 355980	51.97 2.72 0.00	48.46 2.66 0.00	46.26 2.29 -3.11	51.16 2.72 -0.01	43.17 2.29 0.00	37.23 1.99 0.00	39.34 2.15 -0.40	50.51 2.24 -10.67	40.39 2.29 -0.01	46.64 2.66 0.00	59.12 3.48 0.00	65.15 3.86 -0.06	65.27 3.78 -0.59	74.50 4.13 -0.76	66.80 3.68 -0.34	69.88 3.95 0.00	58.07 3.13 -3.43	75.15 3.58 -13.36	71.46 3.27 -15.29	47.61 2.60 -2.97	57.88 2.95 -7.06	45.12 2.58 -0.01	43.61 2.37 0.00	46.21 2.52 0.00
LWR___OSWEGATCHIE_HYD 23850	49.43 0.18 0.00	45.16 -0.63 0.00	40.94 0.01 -0.07	48.78 0.35 0.00	41.14 0.26 0.00	35.15 -0.09 0.00	36.19 -0.61 -0.01	37.27 -0.57 -0.25	37.91 -0.18 0.00	44.60 0.62 0.00	56.76 1.12 0.00	62.22 0.99 0.00	62.06 1.15 -0.01	70.34 0.71 -0.02	63.24 0.46 -0.01	66.09 0.15 0.00	51.27 -0.32 -0.08	58.25 -0.27 -0.31	53.12 -0.13 -0.36	41.79 -0.33 -0.07	48.26 0.21 -0.17	42.47 -0.06 0.00	41.41 0.17 0.00	44.31 0.62 0.00
LYONS_FALL_HYD 23570	49.99 0.74 0.00	46.11 0.32 0.00	41.44 0.50 -0.08	49.17 0.74 0.00	41.48 0.60 0.00	35.59 0.35 0.00	36.97 0.17 -0.01	37.86 -0.02 -0.29	38.44 0.35 0.00	44.98 0.99 0.00	57.16 1.52 0.00	62.79 1.56 0.00	62.54 1.62 -0.02	71.19 1.56 -0.02	64.07 1.29 -0.01	66.85 0.91 0.00	52.19 0.59 -0.09	59.29 0.72 -0.37	54.18 0.86 -0.42	42.42 0.29 -0.08	48.95 0.87 -0.19	42.68 0.14 0.00	41.40 0.16 0.00	43.92 0.23 0.00
MADISON___COUNTY_LFGE 323628	50.29 1.03 0.00	46.73 0.94 0.00	41.88 0.88 -0.15	49.46 1.03 0.00	41.77 0.89 0.00	36.02 0.78 0.00	37.61 0.81 -0.02	38.93 0.82 -0.51	39.02 0.93 0.00	45.19 1.21 0.00	57.21 1.57 0.00	62.92 1.69 0.00	62.62 1.69 -0.03	71.68 2.04 -0.04	64.61 1.82 -0.02	67.78 1.85 0.00	53.13 1.46 -0.16	60.34 1.50 -0.64	55.10 1.25 -0.96	43.11 0.92 -0.14	49.26 1.04 -0.34	43.26 0.72 0.00	41.88 0.64 0.00	44.38 0.68 0.00
MALONE___115KV_TB1 356076	50.48 1.23 0.00	46.01 0.21 0.00	41.83 0.98 0.00	49.92 1.50 0.00	42.12 1.25 0.00	36.14 0.90 0.00	37.45 0.66 0.00	38.79 1.20 0.00	39.61 1.53 0.00	46.35 2.36 0.00	58.52 2.88 0.00	64.17 2.94 0.00	63.91 3.02 0.00	72.24 2.63 0.00	65.08 2.30 0.00	68.57 2.63 0.00	53.44 1.94 0.00	60.63 2.42 0.00	54.84 1.95 0.00	43.78 1.73 0.00	49.52 1.64 0.00	44.42 1.88 0.00	43.27 2.03 0.00	46.40 2.71 0.00
MAPLEWOD_115KV_TB3 80458	50.75 1.49 0.00	47.37 1.57 0.00	45.28 1.40 -3.02	50.08 1.65 -0.01	42.30 1.42 0.00	36.46 1.23 0.00	38.46 1.29 -0.39	49.25 1.28 -10.38	39.40 1.30 -0.01	45.42 1.44 0.00	57.51 1.87 0.00	63.39 2.10 -0.06	63.56 2.08 -0.58	72.60 2.25 -0.74	65.10 2.00 -0.33	68.02 2.09 0.00	56.55 1.71 -3.34	73.14 1.95 -12.99	69.63 1.87 -14.87	46.46 1.53 -2.88	56.47 1.72 -6.86	44.05 1.50 -0.01	42.61 1.37 0.00	45.10 1.41 0.00
MAPLE_RIDGE_WT_1 323574	48.81 -0.45 0.00	45.05 -0.74 0.00	40.67 -0.19 0.00	48.48 0.05 0.00	40.87 -0.01 0.00	35.08 -0.16 0.00	36.50 -0.29 0.00	37.27 -0.32 0.00	37.99 -0.10 0.00	44.23 0.25 0.00	56.06 0.42 0.00	61.51 0.28 0.00	61.18 0.27 0.00	69.39 -0.22 0.00	62.42 -0.35 0.00	65.52 -0.42 0.00	51.09 -0.41 0.00	57.94 -0.26 0.00	52.54 -0.35 0.00	41.56 -0.49 0.00	47.27 -0.61 0.00	42.25 -0.29 0.00	41.13 -0.11 0.00	43.79 0.10 0.00
MAPLE_RIDGE_WT_2 323611	48.81 -0.45 0.00	45.05 -0.74 0.00	40.67 -0.19 0.00	48.48 0.05 0.00	40.87 -0.01 0.00	35.08 -0.16 0.00	36.50 -0.29 0.00	37.27 -0.32 0.00	37.99 -0.10 0.00	44.23 0.25 0.00	56.06 0.42 0.00	61.51 0.28 0.00	61.18 0.27 0.00	69.39 -0.22 0.00	62.42 -0.35 0.00	65.52 -0.42 0.00	51.09 -0.41 0.00	57.94 -0.26 0.00	52.54 -0.35 0.00	41.56 -0.49 0.00	47.27 -0.61 0.00	42.25 -0.29 0.00	41.13 -0.11 0.00	43.79 0.10 0.00
MARBLE_RIVER_WT_PWR 323696	49.78 0.52 0.00	45.44 -0.36 0.00	41.34 0.49 0.00	49.30 0.87 0.00	41.58 0.70 0.00	35.72 0.48 0.00	37.03 0.24 0.00	38.35 0.76 0.00	39.11 1.02 0.00	45.68 1.69 0.00	57.64 2.00 0.00	63.23 2.00 0.00	63.05 2.16 0.00	71.32 1.71 0.00	64.25 1.48 0.00	67.70 1.76 0.00	52.86 1.36 0.00	59.85 1.65 0.00	54.12 1.23 0.00	43.24 1.19 0.00	48.87 0.99 0.00	43.84 1.30 0.00	42.69 1.46 0.00	45.78 2.09 0.00
MARSHVLE_115KV_TB1 80742	49.46 0.21 0.00	45.81 0.02 0.00	44.42 0.03 -3.54	48.52 0.09 -0.01	40.91 0.03 0.00	35.29 0.05 0.00	37.32 0.08 -0.46	49.83 0.09 -12.15	38.24 0.14 -0.01	44.17 0.18 0.00	56.08 0.43 0.00	61.69 0.38 -0.07	61.82 0.25 -0.68	70.56 0.09 -0.86	63.40 0.23 -0.38	66.25 0.31 0.00	55.64 0.23 -3.91	73.73 0.33 -15.20	70.63 0.33 -17.41	45.41 -0.01 -3.37	55.82 -0.10 -8.03	42.41 -0.14 -0.01	40.99 -0.25 0.00	43.51 -0.18 0.00
MARSH_HILL_WT_PWR 323713	49.03 -0.22 0.00	44.86 -0.94 0.00	39.78 -1.62 -0.54	46.11 -2.31 0.00	39.04 -1.84 0.00	33.37 -1.87 0.00	34.59 -2.27 -0.07	37.19 -2.38 -1.98	35.62 -2.46 0.00	41.61 -2.37 0.00	51.65 -3.99 0.00	56.14 -5.10 -0.01	54.88 -6.13 -0.11	62.51 -7.23 -0.13	56.38 -6.45 -0.06	59.86 -6.08 0.00	47.42 -4.69 -0.60	55.53 -5.01 -2.34	47.82 -4.82 0.25	39.24 -3.33 -0.52	45.20 -3.91 -1.24	39.23 -3.31 0.00	38.26 -2.98 0.00	40.60 -3.10 0.00
MCINTYRE_115KV_TB2 80467	50.74 1.48 0.00	46.17 0.38 0.00	42.08 1.18 -0.04	50.25 1.83 0.00	42.39 1.51 0.00	36.31 1.07 0.00	37.54 0.75 0.00	38.93 1.20 -0.14	39.55 1.46 0.00	46.35 2.36 0.00	58.51 2.87 0.00	63.96 2.73 0.00	63.74 2.83 -0.01	72.25 2.62 -0.01	65.00 2.22 -0.01	68.47 2.53 0.00	53.35 1.80 -0.05	60.65 2.27 -0.18	55.01 1.91 -0.21	43.73 1.65 -0.04	49.69 1.71 -0.10	44.51 1.97 0.00	43.44 2.20 0.00	46.70 3.01 0.00
MECO_____69_KV_BK1 80468	51.04 1.79 0.00	47.31 1.51 0.00	45.62 1.36 -3.41	50.07 1.64 -0.01	42.23 1.35 0.00	36.43 1.19 0.00	38.52 1.30 -0.44	50.68 1.38 -11.71	39.57 1.47 -0.01	45.60 1.62 0.00	57.96 2.32 0.00	63.76 2.46 -0.07	63.81 2.26 -0.65	72.59 2.14 -0.83	65.43 2.28 -0.37	68.66 2.73 0.00	57.52 2.25 -3.76	75.54 2.68 -14.65	72.10 2.43 -16.78	47.04 1.74 -3.25	57.50 1.88 -7.74	44.09 1.54 -0.01	42.57 1.33 0.00	45.11 1.41 0.00
MENANDS___115KV_TB5 355628	50.49 1.24 0.00	47.14 1.35 0.00	45.08 1.22 -3.01	49.87 1.44 0.00	42.11 1.23 0.00	36.31 1.07 0.00	38.31 1.13 -0.39	49.04 1.11 -10.35	39.22 1.12 -0.01	45.21 1.22 0.00	57.20 1.57 0.00	63.04 1.74 -0.06	63.24 1.77 -0.57	72.20 1.85 -0.73	64.74 1.64 -0.33	67.63 1.70 0.00	56.23 1.40 -3.33	72.74 1.59 -12.95	69.27 1.55 -14.83	46.22 1.29 -2.87	56.17 1.45 -6.84	43.83 1.28 -0.01	42.41 1.17 0.00	44.90 1.21 0.00
MG INDUSTRY___DRP 24185	50.53 1.28 0.00	47.15 1.35 0.00	45.03 1.23 -2.94	49.92 1.49 0.00	42.15 1.26 0.00	36.29 1.06 0.00	38.28 1.11 -0.38	48.81 1.11 -10.11	39.21 1.11 -0.01	45.18 1.20 0.00	57.20 1.56 0.00	62.95 1.66 -0.06	63.07 1.61 -0.56	72.08 1.75 -0.72	64.69 1.60 -0.32	67.58 1.64 0.00	56.08 1.33 -3.25	72.36 1.50 -12.66	68.85 1.46 -14.49	46.08 1.22 -2.81	55.95 1.39 -6.69	43.79 1.24 -0.01	42.39 1.15 0.00	44.90 1.21 0.00

MID___OSWEGATCHIE_HYD 23849	49.43 0.18 0.00	45.16 -0.63 0.00	40.94 0.01 -0.07	48.78 0.35 0.00	41.14 0.26 0.00	35.15 -0.09 0.00	36.19 -0.61 -0.01	37.27 -0.57 -0.25	37.91 -0.18 0.00	44.60 0.62 0.00	56.76 1.12 0.00	62.22 0.99 0.00	62.06 1.15 -0.01	70.34 0.71 -0.02	63.24 0.46 -0.01	66.09 0.15 0.00	51.27 -0.32 -0.08	58.25 -0.27 -0.31	53.12 -0.13 -0.36	41.79 -0.33 -0.07	48.26 0.21 -0.17	42.47 -0.06 0.00	41.41 0.17 0.00	44.31 0.62 0.00
MID___RAQUETTE_HYD 23851	49.82 0.57 0.00	45.37 -0.43 0.00	41.32 0.41 -0.05	49.34 0.91 0.00	41.61 0.73 0.00	35.55 0.32 0.00	36.61 -0.18 -0.01	37.94 0.19 -0.16	38.57 0.48 0.00	45.21 1.22 0.00	57.16 1.52 0.00	62.63 1.39 0.00	62.45 1.54 -0.01	70.66 1.03 -0.01	63.56 0.77 -0.01	66.80 0.86 0.00	51.90 0.34 -0.05	58.84 0.44 -0.20	53.43 0.31 -0.23	42.41 0.32 -0.04	48.42 0.44 -0.11	43.34 0.80 0.00	42.43 1.19 0.00	45.66 1.97 0.00
MILLIKEN___1 23584	49.70 0.44 0.00	46.12 0.32 0.00	41.55 0.17 -0.52	48.49 0.06 0.00	41.03 0.15 0.00	35.38 0.14 0.00	37.00 0.15 -0.07	39.51 0.12 -1.80	38.27 0.18 0.00	44.23 0.24 0.00	55.85 0.21 0.00	61.46 0.22 -0.01	61.10 0.10 -0.10	69.97 0.23 -0.13	63.00 0.17 -0.06	66.31 0.38 0.00	52.42 0.35 -0.57	60.92 0.49 -2.23	59.51 0.34 -6.28	42.82 0.28 -0.49	49.25 0.19 -1.18	42.64 0.10 0.00	41.37 0.13 0.00	43.87 0.17 0.00
MILLIKEN___2 23585	49.70 0.44 0.00	46.12 0.32 0.00	41.55 0.17 -0.52	48.49 0.06 0.00	41.03 0.15 0.00	35.38 0.14 0.00	37.00 0.15 -0.07	39.51 0.12 -1.80	38.27 0.18 0.00	44.23 0.24 0.00	55.85 0.21 0.00	61.46 0.22 -0.01	61.10 0.10 -0.10	69.97 0.23 -0.13	63.00 0.17 -0.06	66.31 0.38 0.00	52.42 0.35 -0.57	60.92 0.49 -2.23	59.51 0.34 -6.28	42.82 0.28 -0.49	49.25 0.19 -1.18	42.64 0.10 0.00	41.37 0.13 0.00	43.87 0.17 0.00
MILLIKEN___DIESEL 23629	49.70 0.44 0.00	46.12 0.32 0.00	41.55 0.17 -0.52	48.49 0.06 0.00	41.03 0.15 0.00	35.38 0.14 0.00	37.00 0.15 -0.07	39.51 0.12 -1.80	38.27 0.18 0.00	44.23 0.24 0.00	55.85 0.21 0.00	61.46 0.22 -0.01	61.10 0.10 -0.10	69.97 0.23 -0.13	63.00 0.17 -0.06	66.31 0.38 0.00	52.42 0.35 -0.57	60.92 0.49 -2.23	59.51 0.34 -6.28	42.82 0.28 -0.49	49.25 0.19 -1.18	42.64 0.10 0.00	41.37 0.13 0.00	43.87 0.17 0.00
MILLSEAT___LFGE 323607	49.07 -0.19 0.00	45.02 -0.77 0.00	39.75 -1.45 -0.35	46.51 -1.92 0.00	39.43 -1.45 0.00	33.97 -1.27 0.00	35.52 -1.31 -0.05	37.05 -1.74 -1.19	36.44 -1.65 0.00	42.43 -1.56 0.00	53.01 -2.63 0.00	58.01 -3.22 -0.01	57.22 -3.75 -0.07	65.63 -4.07 -0.09	59.24 -3.58 -0.04	62.68 -3.25 0.00	49.10 -2.79 -0.39	56.79 -2.91 -1.50	51.10 -2.85 -1.06	40.61 -1.77 -0.33	46.44 -2.24 -0.79	40.98 -1.56 0.00	40.36 -0.88 0.00	43.28 -0.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.53 2.28 0.00	47.97 2.17 0.00	45.09 1.84 -2.40	50.56 2.13 0.00	42.65 1.76 0.00	36.89 1.65 0.00	38.90 1.80 -0.31	47.77 1.93 -8.25	39.92 1.83 -0.01	45.96 1.98 0.00	58.30 2.66 0.00	64.36 3.08 -0.05	64.57 3.21 -0.46	73.49 3.30 -0.59	65.86 2.83 -0.26	68.72 2.78 0.00	56.49 2.33 -2.65	71.29 2.76 -10.33	67.37 2.66 -11.83	46.42 2.08 -2.29	55.80 2.47 -5.46	44.71 2.17 -0.01	43.24 2.00 0.00	45.65 1.96 0.00
MILLWOOD_13_KV_LOAD 356217	51.65 2.39 0.00	48.09 2.29 0.00	45.19 1.93 -2.40	50.68 2.24 0.00	42.74 1.86 0.00	36.97 1.73 0.00	38.98 1.89 -0.31	47.85 2.01 -8.25	40.02 1.93 -0.01	46.08 2.09 0.00	58.42 2.78 0.00	64.50 3.22 -0.05	64.72 3.37 -0.46	73.66 3.46 -0.59	66.03 2.99 -0.26	68.90 2.96 0.00	56.64 2.48 -2.65	71.46 2.93 -10.33	67.52 2.80 -11.83	46.55 2.21 -2.29	55.94 2.60 -5.46	44.83 2.29 -0.01	43.33 2.09 0.00	45.75 2.05 0.00
MODEL_CITY_ENERGY 24167	47.85 -1.40 0.00	43.89 -1.91 0.00	38.71 -2.52 -0.37	45.25 -3.17 0.00	38.37 -2.51 0.00	33.04 -2.20 0.00	34.51 -2.33 -0.05	35.94 -2.93 -1.28	35.21 -2.88 0.00	40.99 -2.99 0.00	51.18 -4.45 0.00	56.07 -5.16 -0.01	55.24 -5.73 -0.07	63.39 -6.32 -0.09	57.16 -5.66 -0.04	60.56 -5.38 0.00	47.13 -4.79 -0.41	54.53 -5.26 -1.60	49.05 -4.91 -1.08	39.05 -3.35 -0.36	44.71 -4.01 -0.84	39.57 -2.97 0.00	39.16 -2.08 0.00	42.15 -1.54 0.00
MODERN_LFGE___ 323580	47.85 -1.40 0.00	43.89 -1.91 0.00	38.71 -2.52 -0.37	45.25 -3.17 0.00	38.37 -2.51 0.00	33.04 -2.20 0.00	34.51 -2.33 -0.05	35.94 -2.93 -1.28	35.21 -2.88 0.00	40.99 -2.99 0.00	51.18 -4.45 0.00	56.07 -5.16 -0.01	55.24 -5.73 -0.07	63.39 -6.32 -0.09	57.16 -5.66 -0.04	60.56 -5.38 0.00	47.13 -4.79 -0.41	54.53 -5.26 -1.60	49.05 -4.91 -1.08	39.05 -3.35 -0.36	44.71 -4.01 -0.84	39.57 -2.97 0.00	39.16 -2.08 0.00	42.15 -1.54 0.00
MOHAWK_PAPER___DRP 24187	50.75 1.49 0.00	47.37 1.57 0.00	45.28 1.40 -3.02	50.08 1.65 -0.01	42.30 1.42 0.00	36.46 1.23 0.00	38.46 1.29 -0.39	49.25 1.28 -10.38	39.40 1.30 -0.01	45.42 1.44 0.00	57.51 1.87 0.00	63.39 2.10 -0.06	63.56 2.08 -0.58	72.60 2.25 -0.74	65.10 2.00 -0.33	68.02 2.09 0.00	56.55 1.71 -3.34	73.14 1.95 -12.99	69.63 1.87 -14.87	46.46 1.53 -2.88	56.47 1.72 -6.86	44.05 1.50 -0.01	42.61 1.37 0.00	45.10 1.41 0.00
MOHICAN___35_KV_115KV_LD 80490	53.05 3.80 0.00	49.24 3.44 0.00	47.02 3.06 -3.11	52.04 3.61 -0.01	43.97 3.09 0.00	37.92 2.68 0.00	40.13 2.94 -0.40	51.37 3.10 -10.68	41.28 3.19 -0.01	47.67 3.68 0.00	60.54 4.90 0.00	66.72 5.42 -0.06	66.75 5.26 -0.59	75.98 5.61 -0.76	68.27 5.15 -0.34	71.46 5.52 0.00	59.35 4.41 -3.44	76.50 4.93 -13.37	72.54 4.34 -15.31	48.50 3.49 -2.97	58.84 3.89 -7.06	45.94 3.40 -0.01	44.45 3.21 0.00	47.04 3.35 0.00
MONGAUP___HYD 23641	51.76 2.51 0.00	48.16 2.36 0.00	45.08 2.02 -2.21	50.77 2.34 0.00	42.83 1.95 0.00	37.00 1.77 0.00	39.00 1.93 -0.29	47.25 2.05 -7.60	40.09 2.00 -0.01	45.93 1.95 0.00	58.42 2.78 0.00	64.39 3.12 -0.04	64.41 3.09 -0.42	73.29 3.15 -0.54	66.04 3.02 -0.24	69.13 3.20 0.00	56.58 2.63 -2.45	70.89 3.18 -9.52	66.80 3.01 -10.90	46.55 2.39 -2.11	55.69 2.79 -5.03	44.93 2.39 -0.01	43.41 2.17 0.00	45.83 2.13 0.00
MONTAUK___DIESEL 23721	52.57 3.31 0.00	49.16 3.37 0.00	46.31 3.03 -2.42	52.63 4.19 0.00	45.05 4.17 0.00	39.41 4.17 0.00	41.37 4.27 -0.31	50.02 4.12 -8.30	42.07 3.98 -0.01	48.07 4.09 0.00	60.58 4.94 0.00	66.63 5.35 -0.05	67.74 6.34 -0.50	78.18 6.73 -1.84	70.59 6.46 -1.35	77.27 5.07 -6.26	62.02 3.96 -6.55	78.89 3.53 -17.16	72.92 2.13 -17.90	46.93 1.22 -3.66	55.23 1.86 -5.49	44.50 1.96 -0.01	42.98 1.74 0.00	45.09 1.40 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	48.34 -0.91 0.00	44.22 -1.58 0.00	39.12 -2.17 -0.44	45.19 -3.24 0.00	37.93 -2.95 0.00	32.20 -3.04 0.00	33.95 -2.89 -0.06	36.57 -2.55 -1.53	35.69 -2.39 0.00	40.83 -3.15 0.00	50.72 -4.91 0.00	55.25 -5.99 -0.01	54.25 -6.73 -0.08	62.24 -7.48 -0.11	55.99 -6.84 -0.05	59.79 -6.14 0.00	47.11 -4.88 -0.48	55.34 -4.75 -1.89	49.41 -4.58 -1.10	40.08 -2.39 -0.42	46.21 -2.67 -1.00	39.67 -2.87 0.00	38.91 -2.33 0.00	42.19 -1.51 0.00

MORRIS_RIDGE___SOLAR 323848	48.38 -0.87 0.00	44.42 -1.38 0.00	39.53 -1.84 -0.51	45.93 -2.50 0.00	38.85 -2.03 0.00	33.26 -1.98 0.00	34.66 -2.19 -0.07	37.02 -2.40 -1.84	35.76 -2.33 0.00	41.49 -2.50 0.00	51.91 -3.73 0.00	56.52 -4.72 -0.01	55.45 -5.55 -0.10	63.33 -6.41 -0.12	57.25 -5.58 -0.06	60.63 -5.30 0.00	47.73 -4.34 -0.57	55.85 -4.55 -2.20	49.29 -4.42 -0.82	39.40 -3.14 -0.49	45.35 -3.69 -1.16	39.45 -3.09 0.00	38.63 -2.61 0.00	41.35 -2.35 0.00
MORTIMER_115KV_TB3 55949	48.73 -0.52 0.00	44.89 -0.90 0.00	39.86 -1.29 -0.29	46.77 -1.66 0.00	39.60 -1.28 0.00	34.16 -1.08 0.00	35.71 -1.11 -0.04	37.26 -1.29 -0.96	36.80 -1.29 0.00	42.75 -1.23 0.00	53.68 -1.96 0.00	58.89 -2.34 -0.01	58.39 -2.56 -0.05	67.05 -2.63 -0.07	60.43 -2.37 -0.03	63.77 -2.17 0.00	50.06 -1.76 -0.32	57.63 -1.83 -1.25	52.07 -1.83 -1.02	41.16 -1.17 -0.28	47.05 -1.49 -0.66	41.43 -1.11 0.00	40.49 -0.75 0.00	43.20 -0.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.80 2.55 0.00	48.20 2.40 0.00	45.30 2.03 -2.42	50.78 2.34 0.00	42.84 1.96 0.00	37.06 1.82 0.00	39.09 1.99 -0.31	48.03 2.13 -8.30	40.15 2.05 -0.01	46.23 2.25 0.00	58.65 3.01 0.00	64.77 3.49 -0.05	65.00 3.64 -0.46	73.93 3.73 -0.59	66.25 3.21 -0.26	69.08 3.14 0.00	56.81 2.64 -2.67	71.71 3.11 -10.39	67.79 2.99 -11.90	46.70 2.34 -2.31	56.14 2.77 -5.49	45.01 2.46 -0.01	43.50 2.26 0.00	45.88 2.19 0.00
MUNSVILLE_WIND_PWR 323609	52.67 3.42 0.00	48.78 2.99 0.00	44.19 2.56 -0.78	51.35 2.91 0.00	43.31 2.43 0.00	37.12 1.89 0.00	38.68 1.79 -0.10	42.14 1.84 -2.71	40.07 1.98 0.00	46.53 2.54 0.00	59.04 3.40 0.00	65.06 3.81 -0.02	64.62 3.57 -0.15	74.02 4.22 -0.19	66.12 3.26 -0.08	69.55 3.61 0.00	55.06 2.69 -0.87	64.98 3.41 -3.37	61.78 3.17 -5.71	45.07 2.28 -0.75	51.66 2.00 -1.78	44.00 1.46 0.00	42.71 1.47 0.00	45.01 1.32 0.00
N SALMON___HYD 24042	50.48 1.23 0.00	46.01 0.21 0.00	41.83 0.98 0.00	49.92 1.50 0.00	42.12 1.25 0.00	36.14 0.90 0.00	37.45 0.66 0.00	38.79 1.20 0.00	39.61 1.53 0.00	46.35 2.36 0.00	58.52 2.88 0.00	64.14 2.91 0.00	63.92 3.02 0.00	72.24 2.63 0.00	65.08 2.30 0.00	68.56 2.63 0.00	53.48 1.97 0.00	60.62 2.42 0.00	54.84 1.95 0.00	43.78 1.73 0.00	49.52 1.64 0.00	44.39 1.86 0.00	43.27 2.03 0.00	46.40 2.71 0.00
N.AKRON___115KV_KNAPP 355671	48.85 -0.41 0.00	44.82 -0.98 0.00	39.55 -1.66 -0.36	46.26 -2.16 0.00	39.23 -1.65 0.00	33.79 -1.45 0.00	35.33 -1.51 -0.05	36.84 -1.96 -1.22	36.19 -1.89 0.00	42.13 -1.85 0.00	52.63 -3.01 0.00	57.60 -3.64 -0.01	56.82 -4.15 -0.07	65.15 -4.55 -0.09	58.80 -4.02 -0.04	62.26 -3.68 0.00	48.68 -3.21 -0.39	56.28 -3.45 -1.53	50.66 -3.29 -1.06	40.30 -2.09 -0.34	46.07 -2.62 -0.81	40.69 -1.85 0.00	40.12 -1.12 0.00	43.09 -0.61 0.00
N.E_GEN_SANDY PD 24062	53.30 1.75 -2.30	53.82 1.84 -6.18	52.98 1.67 -10.46	55.78 1.97 -5.38	51.70 1.64 -9.18	48.54 1.40 -11.89	49.25 1.47 -11.00	66.88 1.48 -27.81	48.16 1.47 -8.61	54.89 1.64 -9.27	71.74 2.12 -13.98	77.40 2.36 -13.81	96.34 2.37 -33.06	111.36 2.56 -39.20	102.76 2.26 -37.72	92.94 2.34 -24.66	100.57 1.86 -47.21	117.25 2.22 -56.82	237.77 2.13 -182.75	163.19 1.68 -119.47	90.10 1.93 -40.28	86.53 1.71 -42.29	87.18 1.58 -44.36	86.21 1.67 -40.85
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.51 2.26 0.00	47.95 2.16 0.00	45.00 1.80 -2.34	50.53 2.09 0.00	42.61 1.73 0.00	36.86 1.63 0.00	38.87 1.78 -0.30	47.56 1.92 -8.05	39.89 1.80 -0.01	45.91 1.92 0.00	58.22 2.59 0.00	64.27 2.99 -0.05	64.48 3.13 -0.45	73.39 3.20 -0.57	65.79 2.76 -0.25	68.67 2.73 0.00	56.38 2.28 -2.59	70.99 2.72 -10.07	67.05 2.63 -11.53	46.33 2.04 -2.24	55.63 2.43 -5.32	44.67 2.12 -0.01	43.17 1.93 0.00	45.61 1.92 0.00
N.QUEENS_27_KV_LOAD 356247	51.95 2.70 0.00	48.31 2.51 0.00	45.39 2.11 -2.42	50.87 2.44 0.00	42.93 2.04 0.00	37.13 1.89 0.00	39.19 2.09 -0.31	48.14 2.25 -8.30	40.27 2.18 -0.01	46.38 2.39 0.00	58.82 3.18 0.00	64.96 3.68 -0.05	65.20 3.84 -0.46	74.12 3.91 -0.59	66.32 3.28 -0.26	69.15 3.21 0.00	56.89 2.72 -2.67	71.78 3.19 -10.39	67.90 3.11 -11.90	46.77 2.41 -2.31	56.25 2.88 -5.49	45.18 2.64 -0.01	43.64 2.40 0.00	45.99 2.30 0.00
N.TROY___115KV_TB1 355778	51.02 1.77 0.00	47.59 1.79 0.00	45.52 1.61 -3.05	50.34 1.91 -0.01	42.47 1.59 0.00	36.61 1.37 0.00	38.64 1.46 -0.39	49.57 1.48 -10.49	39.59 1.50 -0.01	45.68 1.70 0.00	57.82 2.18 0.00	63.74 2.45 -0.06	63.92 2.44 -0.58	73.01 2.66 -0.74	65.46 2.35 -0.33	68.41 2.47 -3.38	56.85 1.98 -13.13	73.64 2.30 -15.03	70.09 2.17 -2.92	46.69 1.72 -2.92	56.76 1.95 -6.94	44.26 1.72 -0.01	42.82 1.58 0.00	45.35 1.65 0.00
NARROWS_GT1_1 24228	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT1_2 24229	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT1_3 24230	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT1_4 24231	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT1_5 24232	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00

NARROWS_GT1_6 24233	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT1_7 24234	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT1_8 24235	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT2_1 24236	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT2_2 24237	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT2_3 24238	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT2_4 24239	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT2_5 24240	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT2_6 24241	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT2_7 24242	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NARROWS_GT2_8 24243	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.88 3.10 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.53 2.28 0.00	48.09 2.29 0.00	45.73 2.02 -2.85	50.88 2.45 0.00	42.97 2.09 0.00	37.07 1.83 0.00	39.11 1.96 -0.37	49.32 1.94 -9.79	40.19 2.09 -0.01	46.31 2.33 0.00	58.69 3.05 0.00	64.58 3.29 -0.06	64.31 2.87 -0.55	73.76 3.45 -0.69	66.28 3.20 -0.31	69.46 3.53 0.00	57.55 2.89 -3.15	73.78 3.33 -12.25	69.98 3.06 -14.03	47.19 2.43 -2.72	57.01 2.65 -6.47	44.86 2.31 -0.01	43.34 2.10 0.00	45.81 2.12 0.00
NCHELSEA_115KV_TR2 355582	51.86 2.61 0.00	48.28 2.48 0.00	45.40 2.12 -2.43	50.91 2.48 0.00	42.94 2.06 0.00	37.12 1.88 0.00	39.14 2.05 -0.31	48.11 2.18 -8.34	40.22 2.12 -0.01	46.32 2.33 0.00	58.68 3.04 0.00	64.82 3.54 -0.05	64.98 3.62 -0.46	74.07 3.86 -0.59	66.42 3.37 -0.26	69.35 3.41 0.00	57.00 2.82 -2.68	71.95 3.32 -10.44	67.98 3.15 -11.95	46.83 2.46 -2.32	56.27 2.88 -5.51	45.04 2.49 -0.01	43.53 2.29 0.00	45.94 2.25 0.00
NEG CAPITAL___MECHNVIL 23645	51.97 2.72 0.00	48.37 2.58 0.00	46.25 2.31 -3.09	51.18 2.75 -0.01	43.18 2.30 0.00	37.21 1.97 0.00	39.32 2.14 -0.40	50.43 2.22 -10.62	40.37 2.27 -0.01	46.62 2.63 0.00	59.09 3.45 0.00	65.12 3.83 -0.06	65.27 3.78 -0.59	74.47 4.11 -0.75	66.81 3.70 -0.34	69.87 3.93 0.00	58.08 3.16 -3.42	75.11 3.62 -13.29	71.39 3.28 -15.22	47.61 2.62 -2.95	57.84 2.94 -7.02	45.12 2.57 -0.01	43.62 2.38 0.00	46.15 2.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	47.67 -1.58 0.00	43.99 -1.80 0.00	39.15 -1.98 -0.27	45.98 -2.45 0.00	38.92 -1.96 0.00	33.60 -1.64 0.00	35.13 -1.69 -0.04	36.66 -1.84 -0.91	36.26 -1.83 0.00	42.06 -1.92 0.00	52.92 -2.72 0.00	58.14 -3.10 0.00	57.63 -3.33 -0.05	66.16 -3.51 -0.07	59.62 -3.19 -0.03	62.91 -3.03 0.00	49.35 -2.45 -0.30	56.78 -2.59 -1.17	51.68 -2.54 -1.34	40.48 -1.83 -0.26	46.27 -2.22 -0.62	40.71 -1.83 0.00	39.70 -1.54 0.00	42.29 -1.40 0.00

NEG CENTRAL___DRP 24199	48.84 -0.42 0.00	45.21 -0.58 0.00	40.38 -0.75 -0.27	47.40 -1.02 0.00	40.13 -0.75 0.00	34.64 -0.60 0.00	36.22 -0.59 -0.04	37.86 -0.66 -0.93	37.45 -0.63 0.00	43.32 -0.67 0.00	54.63 -1.01 0.00	60.09 -1.15 -0.01	59.64 -1.31 -0.05	68.47 -1.21 -0.07	61.74 -1.07 -0.03	65.03 -0.90 0.00	51.10 -0.71 -0.30	58.69 -0.69 -1.18	53.45 -0.79 -1.35	41.73 -0.58 -0.26	47.73 -0.78 -0.62	41.88 -0.66 0.00	40.71 -0.53 0.00	43.24 -0.45 0.00
NEG CENTRAL___INDECK 23768	50.35 1.10 0.00	46.25 0.45 0.00	41.10 -0.20 -0.44	47.96 -0.47 0.00	40.59 -0.29 0.00	34.93 -0.31 0.00	36.56 -0.28 -0.06	40.16 0.59 -1.98	38.86 0.77 0.00	45.14 1.15 0.00	56.07 0.43 0.00	60.79 -0.45 -0.01	58.71 -2.28 -0.10	67.15 -2.57 -0.11	60.82 -2.00 -0.05	64.52 -1.42 0.00	50.86 -1.13 -0.49	59.33 -0.78 -1.91	52.49 -0.94 -0.54	42.07 -0.40 -0.42	48.19 -0.70 -1.01	42.06 -0.48 0.00	41.04 -0.20 0.00	43.74 0.05 0.00
NEG CENTRAL___SENECA 23627	48.87 -0.38 0.00	45.18 -0.62 0.00	40.28 -0.85 -0.27	47.31 -1.12 0.00	40.05 -0.83 0.00	34.58 -0.66 0.00	36.16 -0.66 -0.04	37.75 -0.76 -0.92	37.36 -0.72 0.00	43.29 -0.70 0.00	54.55 -1.09 0.00	59.96 -1.27 0.00	59.45 -1.50 -0.05	68.27 -1.40 -0.07	61.55 -1.26 -0.03	64.91 -1.03 0.00	50.96 -0.84 -0.30	58.57 -0.80 -1.17	53.31 -0.91 -1.34	41.70 -0.61 -0.26	47.65 -0.85 -0.62	41.86 -0.68 0.00	40.73 -0.51 0.00	43.28 -0.41 0.00
NEG CENTRAL___STATE_STREET 24147	49.10 -0.15 0.00	45.57 -0.23 0.00	40.83 -0.34 -0.31	47.79 -0.63 0.00	40.51 -0.37 0.00	34.98 -0.25 0.00	36.59 -0.24 -0.04	38.33 -0.32 -1.06	37.82 -0.26 0.00	43.59 -0.39 0.00	54.99 -0.65 0.00	60.67 -0.57 -0.01	60.27 -0.69 -0.06	69.16 -0.53 -0.08	62.38 -0.43 -0.03	65.64 -0.30 0.00	51.65 -0.20 -0.34	59.41 -0.13 -1.33	54.91 -0.27 -2.29	42.00 -0.34 -0.30	48.13 -0.45 -0.70	42.21 -0.33 0.00	40.97 -0.26 0.00	43.47 -0.23 0.00
NEG MILLWOOD___DRP 24198	52.02 2.77 0.00	48.42 2.62 0.00	45.54 2.24 -2.45	51.05 2.62 0.00	43.05 2.17 0.00	37.24 2.00 0.00	39.28 2.18 -0.32	48.31 2.31 -8.40	40.36 2.27 -0.01	46.50 2.52 0.00	58.94 3.30 0.00	65.06 3.78 -0.05	65.26 3.90 -0.47	74.34 4.13 -0.60	66.65 3.60 -0.27	69.55 3.62 0.00	57.21 3.00 -2.70	72.27 3.55 -10.52	68.28 3.35 -12.04	47.01 2.63 -2.34	56.50 3.06 -5.56	45.21 2.66 -0.01	43.68 2.44 0.00	46.07 2.38 0.00
NEG NORTH_FLCN_SEA 23793	50.54 1.29 0.00	46.12 0.33 0.00	41.92 1.06 0.00	49.92 1.50 0.00	42.15 1.27 0.00	36.22 0.99 0.00	37.60 0.81 0.00	38.96 1.37 0.00	39.70 1.62 0.00	46.32 2.34 0.00	58.45 2.80 0.00	64.18 2.95 0.00	63.94 3.04 0.00	72.27 2.66 0.00	65.19 2.41 0.00	68.73 2.80 0.00	53.65 2.14 0.00	60.75 2.55 0.00	54.82 1.93 0.00	43.86 1.81 0.00	49.56 1.68 0.00	44.43 1.89 0.00	43.25 2.01 0.00	46.34 2.65 0.00
NEG NORTH_KES_CHATEGAY 23792	49.86 0.61 0.00	45.48 -0.32 0.00	41.40 0.54 0.00	49.36 0.93 0.00	41.65 0.77 0.00	35.76 0.52 0.00	37.09 0.30 0.00	38.43 0.84 0.00	39.22 1.14 0.00	45.82 1.84 0.00	57.80 2.16 0.00	63.39 2.16 0.00	63.17 2.27 0.00	71.47 1.86 0.00	64.35 1.57 0.00	67.85 1.91 0.00	52.98 1.48 0.00	60.07 1.86 0.00	54.30 1.41 0.00	43.40 1.36 0.00	49.01 1.13 0.00	43.99 1.45 0.00	42.82 1.58 0.00	45.93 2.23 0.00
NEG NORTH___ALICE_FALLS 23915	50.70 1.45 0.00	46.27 0.47 0.00	42.05 1.20 0.00	50.10 1.67 0.00	42.31 1.43 0.00	36.34 1.10 0.00	37.73 0.95 0.00	39.12 1.52 0.00	39.86 1.77 0.00	46.52 2.54 0.00	58.70 3.06 0.00	64.44 3.21 0.00	64.18 3.28 0.00	72.55 2.93 0.00	65.41 2.63 0.00	68.99 3.05 0.00	53.85 2.35 0.00	61.06 2.86 0.00	55.13 2.24 0.00	44.08 2.03 0.00	49.78 1.90 0.00	44.61 2.08 0.00	43.40 2.16 0.00	46.48 2.79 0.00
NEG NORTH___LWR_SARANAC 23913	50.70 1.45 0.00	46.27 0.47 0.00	42.05 1.20 0.00	50.10 1.67 0.00	42.31 1.43 0.00	36.34 1.10 0.00	37.73 0.95 0.00	39.12 1.52 0.00	39.86 1.77 0.00	46.52 2.54 0.00	58.70 3.06 0.00	64.44 3.21 0.00	64.18 3.28 0.00	72.55 2.93 0.00	65.41 2.63 0.00	68.99 3.05 0.00	53.85 2.35 0.00	61.06 2.86 0.00	55.13 2.24 0.00	44.08 2.03 0.00	49.78 1.90 0.00	44.61 2.08 0.00	43.40 2.16 0.00	46.48 2.79 0.00
NEG NORTH___PLATTSBURG 23628	50.70 1.45 0.00	46.27 0.47 0.00	42.05 1.20 0.00	50.10 1.67 0.00	42.31 1.43 0.00	36.34 1.10 0.00	37.73 0.95 0.00	39.12 1.52 0.00	39.86 1.78 0.00	46.52 2.54 0.00	58.70 3.06 0.00	64.41 3.18 0.00	64.18 3.28 0.00	72.55 2.94 0.00	65.40 2.63 0.00	68.99 3.05 0.00	53.89 2.39 0.00	61.06 2.85 0.00	55.13 2.24 0.00	44.08 2.03 0.00	49.78 1.90 0.00	44.59 2.05 0.00	43.40 2.16 0.00	46.48 2.79 0.00
NEG WEST_LEA_LOCKPORT 23791	48.16 -1.10 0.00	44.16 -1.64 0.00	38.95 -2.28 -0.37	45.54 -2.89 0.00	38.60 -2.28 0.00	33.23 -2.01 0.00	34.71 -2.12 -0.05	36.24 -2.61 -1.26	35.51 -2.58 0.00	41.34 -2.64 0.00	51.61 -4.03 0.00	56.49 -4.75 -0.01	55.68 -5.29 -0.07	63.87 -5.83 -0.09	57.58 -5.24 -0.04	60.99 -4.94 0.00	47.58 -4.33 -0.41	55.07 -4.71 -1.58	49.54 -4.42 -1.07	39.45 -2.95 -0.35	45.15 -3.57 -0.84	39.91 -2.63 0.00	39.44 -1.80 0.00	42.45 -1.25 0.00
NEG WEST___LANCASTR 23811	48.57 -0.68 0.00	44.63 -1.17 0.00	39.51 -1.78 -0.44	46.13 -2.29 0.00	39.13 -1.75 0.00	33.65 -1.59 0.00	35.14 -1.70 -0.06	37.03 -2.08 -1.52	36.15 -1.93 0.00	42.01 -1.97 0.00	52.58 -3.06 0.00	57.52 -3.72 -0.01	56.56 -4.43 -0.08	64.94 -4.78 -0.11	58.58 -4.25 -0.05	61.94 -4.00 0.00	48.59 -3.40 -0.48	56.60 -3.49 -1.88	50.62 -3.44 -1.17	40.27 -2.20 -0.42	46.23 -2.65 -0.99	40.56 -1.98 0.00	39.88 -1.36 0.00	42.89 -0.80 0.00
NEG_PENN_ALLEGHNY 23528	49.16 -0.09 0.00	45.61 -0.19 0.00	41.36 -0.31 -0.81	47.98 -0.45 0.00	40.59 -0.28 0.00	34.93 -0.31 0.00	36.57 -0.32 -0.10	40.03 -0.38 -2.81	37.72 -0.37 0.00	43.63 -0.35 0.00	55.12 -0.52 0.00	60.57 -0.67 -0.02	60.19 -0.87 -0.16	68.83 -0.98 -0.20	62.00 -0.87 -0.09	65.14 -0.80 0.00	51.79 -0.62 -0.90	61.14 -0.56 -3.50	55.76 -0.65 -3.52	42.42 -0.40 -0.78	49.22 -0.51 -1.85	42.02 -0.52 0.00	40.83 -0.40 0.00	43.36 -0.33 0.00
NEG___GEN_MONROE 24207	49.19 -0.06 0.00	45.29 -0.51 0.00	40.14 -1.01 -0.29	47.01 -1.42 0.00	39.83 -1.05 0.00	34.35 -0.89 0.00	35.91 -0.91 -0.04	37.44 -1.12 -0.97	36.99 -1.11 0.00	42.99 -1.00 0.00	53.93 -1.71 0.00	59.09 -2.15 -0.01	58.55 -2.41 -0.06	67.25 -2.43 -0.07	60.62 -2.19 -0.03	64.03 -1.91 0.00	50.27 -1.56 -0.32	57.91 -1.55 -1.26	52.30 -1.61 -1.02	41.37 -0.96 -0.28	47.27 -1.28 -0.67	41.64 -0.89 0.00	40.72 -0.52 0.00	43.49 -0.20 0.00
NEPA___ENERGY 23901	48.01 -1.24 0.00	44.14 -1.65 0.00	39.22 -2.08 -0.44	45.61 -2.82 0.00	38.71 -2.17 0.00	33.19 -2.05 0.00	34.76 -2.08 -0.06	36.88 -2.24 -1.53	35.88 -2.21 0.00	41.44 -2.54 0.00	51.81 -3.83 0.00	56.65 -4.58 -0.01	55.71 -5.27 -0.08	63.85 -5.87 -0.11	57.60 -5.23 -0.05	60.92 -5.02 0.00	47.97 -4.03 -0.49	56.00 -4.09 -1.89	49.90 -4.17 -1.19	39.94 -2.53 -0.42	46.00 -2.88 -1.00	39.95 -2.59 0.00	39.24 -2.00 0.00	42.22 -1.48 0.00

NEVERSINK___HYD 23608	51.27 2.02 0.00	47.71 1.91 0.00	44.68 1.62 -2.20	50.32 1.89 0.00	42.45 1.57 0.00	36.68 1.44 0.00	38.66 1.60 -0.28	46.88 1.72 -7.57	39.77 1.68 -0.01	45.80 1.82 0.00	58.02 2.38 0.00	64.00 2.73 -0.04	64.15 2.83 -0.42	73.15 3.00 -0.54	65.68 2.67 -0.24	68.61 2.67 0.00	56.20 2.26 -2.43	70.40 2.72 -9.47	66.32 2.59 -10.84	46.19 2.03 -2.10	55.23 2.35 -5.01	44.54 2.00 -0.01	43.02 1.78 0.00	45.40 1.71 0.00
NEWKRMKL_115KV_TB1 55635	50.36 1.11 0.00	47.05 1.25 0.00	44.98 1.12 -3.00	49.75 1.32 0.00	42.03 1.15 0.00	36.26 1.02 0.00	38.25 1.08 -0.39	48.94 1.04 -10.31	39.17 1.08 -0.01	45.12 1.14 0.00	57.09 1.45 0.00	62.91 1.62 -0.06	63.11 1.64 -0.57	72.05 1.71 -0.73	64.64 1.53 -0.33	67.51 1.57 0.00	56.13 1.31 -3.32	72.57 1.47 -12.90	69.10 1.44 -14.77	46.15 1.24 -2.86	56.05 1.36 -6.81	43.76 1.21 -0.01	42.33 1.09 0.00	44.79 1.10 0.00
NEWTON___FALLS_HYD 23847	49.43 0.18 0.00	45.16 -0.63 0.00	40.94 0.01 -0.07	48.78 0.35 0.00	41.14 0.26 0.00	35.15 -0.09 0.00	36.19 -0.61 -0.01	37.27 -0.57 -0.25	37.91 -0.18 0.00	44.60 0.62 0.00	56.76 1.12 0.00	62.22 0.99 0.00	62.06 1.15 -0.01	70.34 0.71 -0.02	63.24 0.46 -0.01	66.09 0.15 0.00	51.27 -0.32 -0.08	58.25 -0.27 -0.31	53.12 -0.13 -0.36	41.79 -0.33 -0.07	48.26 0.21 -0.17	42.47 -0.06 0.00	41.41 0.17 0.00	44.31 0.62 0.00
NGRID_A1_DSASP 323792	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.85 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.51 -5.72 -0.01	54.77 -6.20 -0.07	62.76 -6.94 -0.09	56.55 -6.27 -0.04	59.92 -6.02 0.00	46.78 -5.14 -0.41	54.19 -5.62 -1.61	48.73 -5.24 -1.08	38.82 -3.59 -0.36	44.43 -4.30 -0.85	39.35 -3.19 0.00	38.86 -2.38 0.00	42.05 -1.64 0.00
NGRID_A2_DSASP 323793	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.85 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.51 -5.72 -0.01	54.77 -6.20 -0.07	62.76 -6.94 -0.09	56.55 -6.27 -0.04	59.92 -6.02 0.00	46.78 -5.14 -0.41	54.19 -5.62 -1.61	48.73 -5.24 -1.08	38.82 -3.59 -0.36	44.43 -4.30 -0.85	39.35 -3.19 0.00	38.86 -2.38 0.00	42.05 -1.64 0.00
NGRID_A4_DSASP 323807	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.85 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.51 -5.72 -0.01	54.77 -6.20 -0.07	62.76 -6.94 -0.09	56.55 -6.27 -0.04	59.92 -6.02 0.00	46.78 -5.14 -0.41	54.19 -5.62 -1.61	48.73 -5.24 -1.08	38.82 -3.59 -0.36	44.43 -4.30 -0.85	39.35 -3.19 0.00	38.86 -2.38 0.00	42.05 -1.64 0.00
NIAGARA_115E_LBMP 323715	47.66 -1.59 0.00	43.72 -2.08 0.00	38.55 -2.68 -0.37	45.07 -3.36 0.00	38.22 -2.66 0.00	32.90 -2.34 0.00	34.37 -2.46 -0.05	35.76 -3.12 -1.29	35.01 -3.08 0.00	40.77 -3.21 0.00	50.90 -4.73 0.00	55.78 -5.46 -0.01	54.95 -6.02 -0.07	63.05 -6.65 -0.09	56.86 -5.96 -0.04	60.24 -5.69 0.00	46.84 -5.08 -0.41	54.18 -5.64 -1.61	48.74 -5.23 -1.08	38.81 -3.60 -0.36	44.43 -4.30 -0.85	39.33 -3.21 0.00	38.97 -2.27 0.00	41.96 -1.73 0.00
NIAGARA_115W_LBMP 323714	47.15 -2.10 0.00	43.20 -2.59 0.00	38.13 -3.10 -0.37	44.54 -3.89 0.00	37.77 -3.10 0.00	32.54 -2.70 0.00	33.99 -2.84 -0.05	35.63 -3.24 -1.29	34.80 -3.29 0.00	40.52 -3.47 0.00	50.58 -5.06 0.00	55.43 -5.81 -0.01	54.66 -6.31 -0.07	62.68 -7.02 -0.09	56.47 -6.35 -0.04	59.81 -6.12 0.00	46.68 -5.24 -0.41	54.11 -5.70 -1.61	48.63 -5.33 -1.08	38.73 -3.68 -0.36	44.35 -4.38 -0.85	39.30 -3.24 0.00	38.79 -2.45 0.00	42.01 -1.68 0.00
NIAGARA_230_LBMP 323716	47.59 -1.67 0.00	43.66 -2.14 0.00	38.54 -2.68 -0.37	45.06 -3.37 0.00	38.21 -2.67 0.00	32.89 -2.35 0.00	34.35 -2.48 -0.05	36.00 -2.86 -1.26	35.20 -2.89 0.00	40.98 -3.01 0.00	51.18 -4.46 0.00	56.08 -5.16 -0.01	55.30 -5.67 -0.07	63.40 -6.30 -0.09	57.11 -5.71 -0.04	60.45 -5.48 0.00	47.21 -4.70 -0.41	54.69 -5.09 -1.58	49.19 -4.78 -1.08	39.16 -3.24 -0.35	44.86 -3.85 -0.84	39.66 -2.88 0.00	39.14 -2.10 0.00	42.15 -1.55 0.00
NIAGARA___115KV_198_GIBSON 55903	47.15 -2.10 0.00	43.20 -2.59 0.00	38.13 -3.11 -0.37	44.54 -3.89 0.00	37.78 -3.10 0.00	32.54 -2.70 0.00	33.99 -2.84 -0.05	35.63 -3.24 -1.29	34.80 -3.29 0.00	40.51 -3.47 0.00	50.58 -5.06 0.00	55.43 -5.81 -0.01	54.68 -6.29 -0.07	62.68 -7.02 -0.09	56.47 -6.34 -0.04	59.81 -6.13 0.00	46.69 -5.22 -0.41	54.12 -5.69 -1.61	48.64 -5.33 -1.08	38.75 -3.66 -0.36	44.34 -4.39 -0.85	39.29 -3.25 0.00	38.79 -2.45 0.00	42.01 -1.69 0.00
NIAGARA____ 23760	47.59 -1.67 0.00	43.66 -2.14 0.00	38.55 -2.68 -0.37	45.06 -3.37 0.00	38.21 -2.67 0.00	32.89 -2.35 0.00	34.35 -2.48 -0.05	36.02 -2.86 -1.28	35.20 -2.89 0.00	40.98 -3.01 0.00	51.18 -4.46 0.00	56.08 -5.16 -0.01	55.30 -5.67 -0.07	63.40 -6.30 -0.09	57.11 -5.71 -0.04	60.45 -5.48 0.00	47.22 -4.70 -0.41	54.71 -5.09 -1.60	49.20 -4.78 -1.08	39.16 -3.24 -0.35	44.87 -3.85 -0.84	39.66 -2.88 0.00	39.14 -2.10 0.00	42.15 -1.55 0.00
NINE_MILE_1 23575	47.44 -1.82 0.00	44.05 -1.74 0.00	39.40 -1.62 -0.17	46.46 -1.97 0.00	39.27 -1.61 0.00	33.92 -1.32 0.00	35.39 -1.42 -0.02	36.68 -1.48 -0.57	36.61 -1.48 0.00	42.28 -1.70 0.00	53.42 -2.22 0.00	58.77 -2.47 0.00	58.44 -2.49 -0.03	67.13 -2.52 -0.04	60.58 -2.21 -0.02	63.67 -2.27 0.00	49.90 -1.79 -0.18	56.82 -2.10 -0.71	51.67 -2.04 -0.82	40.58 -1.63 -0.16	46.38 -1.87 -0.38	40.87 -1.67 0.00	39.66 -1.58 0.00	42.05 -1.64 0.00
NINE_MILE_2 23744	47.44 -1.82 0.00	44.05 -1.74 0.00	39.41 -1.61 -0.16	46.46 -1.97 0.00	39.28 -1.60 0.00	33.92 -1.32 0.00	35.39 -1.42 -0.02	36.67 -1.48 -0.56	36.61 -1.48 0.00	42.28 -1.70 0.00	53.42 -2.22 0.00	58.77 -2.47 0.00	58.44 -2.49 -0.03	67.13 -2.52 -0.04	60.59 -2.20 -0.02	63.67 -2.27 0.00	49.90 -1.78 -0.18	56.81 -2.10 -0.71	51.68 -2.03 -0.81	40.58 -1.63 -0.16	46.38 -1.87 -0.37	40.87 -1.67 0.00	39.66 -1.58 0.00	42.05 -1.64 0.00
NM_CAPITAL___DRP 24208	50.40 1.15 0.00	47.07 1.28 0.00	45.02 1.16 -3.01	49.79 1.36 0.00	42.04 1.17 0.00	36.26 1.02 0.00	38.25 1.08 -0.39	48.97 1.06 -10.32	39.16 1.07 -0.01	45.12 1.14 0.00	57.10 1.46 0.00	62.91 1.62 -0.06	63.12 1.64 -0.57	72.07 1.72 -0.73	64.64 1.53 -0.33	67.51 1.57 0.00	56.13 1.30 -3.32	72.59 1.47 -12.92	69.13 1.45 -14.79	46.13 1.21 -2.87	56.07 1.36 -6.83	43.75 1.20 -0.01	42.33 1.09 0.00	44.82 1.13 0.00
NM_CENTRAL___DRP 24181	48.36 -0.89 0.00	44.88 -0.91 0.00	40.19 -0.90 -0.23	47.29 -1.14 0.00	39.98 -0.90 0.00	34.51 -0.73 0.00	36.04 -0.77 -0.03	37.55 -0.83 -0.78	37.27 -0.82 0.00	43.08 -0.90 0.00	54.43 -1.21 0.00	59.89 -1.35 0.00	59.57 -1.38 -0.04	68.36 -1.30 -0.06	61.69 -1.11 -0.03	64.84 -1.10 0.00	50.89 -0.87 -0.25	58.18 -1.00 -0.98	52.97 -1.05 -1.13	41.46 -0.81 -0.22	47.43 -0.97 -0.52	41.63 -0.91 0.00	40.40 -0.84 0.00	42.81 -0.89 0.00

NM_FRONTIER___DRP 24179	47.15 -2.10 0.00	43.20 -2.59 0.00	38.13 -3.11 -0.37	44.54 -3.89 0.00	37.78 -3.10 0.00	32.54 -2.70 0.00	33.99 -2.84 -0.05	35.63 -3.24 -1.29	34.80 -3.29 0.00	40.51 -3.47 0.00	50.58 -5.06 0.00	55.43 -5.81 -0.01	54.68 -6.29 -0.07	62.68 -7.02 -0.09	56.47 -6.34 -0.04	59.81 -6.13 0.00	46.69 -5.22 -0.41	54.12 -5.69 -1.61	48.64 -5.33 -1.08	38.75 -3.66 -0.36	44.34 -4.39 -0.85	39.29 -3.25 0.00	38.79 -2.45 0.00	42.01 -1.69 0.00
NM_ST_REGIS___HYD 24053	50.03 0.78 0.00	45.57 -0.23 0.00	41.50 0.60 -0.04	49.53 1.10 0.00	41.78 0.90 0.00	35.74 0.50 0.00	36.86 0.07 -0.01	38.23 0.49 -0.15	38.87 0.78 0.00	45.55 1.57 0.00	57.59 1.95 0.00	63.08 1.85 0.00	62.90 1.99 -0.01	71.14 1.52 -0.01	64.03 1.25 -0.01	67.32 1.39 0.00	52.37 0.82 -0.05	59.41 1.02 -0.19	53.90 0.79 -0.21	42.82 0.73 -0.04	48.77 0.79 -0.10	43.67 1.13 0.00	42.69 1.46 0.00	45.90 2.21 0.00
NORTHPORT___1 23551	51.77 2.52 0.00	48.42 2.63 0.00	45.50 2.23 -2.42	51.06 2.62 0.00	43.15 2.27 0.00	37.45 2.21 0.00	39.25 2.15 -0.31	47.85 1.96 -8.30	40.00 1.90 -0.01	46.09 2.10 0.00	58.85 3.22 0.00	65.05 3.78 -0.05	65.61 4.21 -0.50	67.42 3.64 5.83	60.66 3.20 5.31	36.53 2.58 31.98	36.53 2.17 17.15	36.53 2.49 24.17	36.53 2.38 18.74	39.23 1.79 4.61	55.79 2.42 -5.49	44.92 2.37 -0.01	43.68 2.44 0.00	46.11 2.42 0.00
NORTHPORT___2 23552	51.77 2.52 0.00	48.42 2.63 0.00	45.50 2.23 -2.42	51.06 2.62 0.00	43.15 2.27 0.00	37.45 2.21 0.00	39.25 2.15 -0.31	47.85 1.96 -8.30	40.00 1.90 -0.01	46.09 2.10 0.00	58.85 3.22 0.00	65.05 3.78 -0.05	65.61 4.21 -0.50	67.42 3.64 5.83	60.66 3.20 5.31	36.53 2.58 31.98	36.53 2.17 17.15	36.53 2.49 24.17	36.53 2.38 18.74	39.23 1.79 4.61	55.79 2.42 -5.49	44.92 2.37 -0.01	43.68 2.44 0.00	46.11 2.42 0.00
NORTHPORT___3 23553	51.81 2.56 0.00	48.44 2.64 0.00	45.51 2.24 -2.42	51.07 2.63 0.00	43.15 2.27 0.00	37.45 2.21 0.00	39.25 2.15 -0.31	47.85 1.96 -8.30	39.99 1.90 -0.01	46.11 2.12 0.00	58.89 3.25 0.00	65.08 3.80 -0.05	65.61 4.21 -0.50	70.07 3.63 3.17	62.94 3.17 3.01	49.75 2.57 18.76	44.72 2.17 8.95	50.81 2.17 9.88	49.20 2.49 6.07	42.09 1.79 1.75	55.78 2.41 -5.49	44.91 2.37 -0.01	43.67 2.43 0.00	46.12 2.43 0.00
NORTHPORT___4 23650	51.81 2.56 0.00	48.44 2.64 0.00	45.51 2.24 -2.42	51.07 2.63 0.00	43.15 2.27 0.00	37.45 2.21 0.00	39.25 2.15 -0.31	47.85 1.96 -8.30	39.99 1.90 -0.01	46.11 2.12 0.00	58.89 3.25 0.00	65.08 3.80 -0.05	65.61 4.21 -0.50	70.07 3.63 3.17	62.94 3.17 3.01	49.75 2.57 18.76	44.72 2.17 8.95	50.81 2.17 9.88	49.20 2.49 6.07	42.09 1.79 1.75	55.78 2.41 -5.49	44.91 2.37 -0.01	43.67 2.43 0.00	46.12 2.43 0.00
NORTHPORT___IC 23718	51.77 2.52 0.00	48.42 2.63 0.00	45.50 2.23 -2.42	51.06 2.62 0.00	43.15 2.27 0.00	37.45 2.21 0.00	39.25 2.15 -0.31	47.85 1.96 -8.30	40.00 1.90 -0.01	46.09 2.10 0.00	58.85 3.22 0.00	65.03 3.75 -0.05	65.61 4.21 -0.50	67.42 3.64 5.83	60.66 3.20 5.31	36.53 2.58 31.98	36.54 2.18 17.15	36.53 2.49 24.17	36.53 2.38 18.74	39.22 1.78 4.61	55.80 2.43 -5.49	44.91 2.36 -0.01	43.68 2.44 0.00	46.12 2.43 0.00
NORTH___COUNTRY_ESR 323785	49.75 0.49 0.00	45.38 -0.41 0.00	41.32 0.46 0.00	49.26 0.84 0.00	41.56 0.68 0.00	35.69 0.45 0.00	37.00 0.22 0.00	38.34 0.74 0.00	39.11 1.02 0.00	45.69 1.71 0.00	57.67 2.04 0.00	63.25 2.02 0.00	63.08 2.18 0.00	71.33 1.72 0.00	64.24 1.46 0.00	67.70 1.76 0.00	52.86 1.36 0.00	59.86 1.66 0.00	54.14 1.25 0.00	43.25 1.20 0.00	48.86 0.98 0.00	43.84 1.30 0.00	42.70 1.46 0.00	45.81 2.12 0.00
NPX_GEN_1385_PROXY 323591	51.87 2.61 0.00	51.08 3.04 -2.25	51.58 2.58 -8.14	58.04 3.04 -6.56	47.85 2.63 -4.34	42.23 2.51 -4.49	78.09 2.47 -38.83	85.74 2.29 -45.86	48.89 2.22 -8.59	46.28 2.30 0.00	58.84 3.21 0.00	65.12 3.84 -0.05	66.31 4.72 -0.68	67.97 4.18 5.83	92.97 3.73 -26.46	144.48 3.13 -75.41	112.66 2.61 -58.55	156.52 2.99 -95.33	99.73 2.82 -44.02	115.73 2.15 -71.54	154.60 2.84 -103.88	151.87 2.73 -106.61	44.01 2.77 0.00	48.31 2.79 -1.83
NPX_GEN_CSC 323557	52.50 3.25 0.00	48.98 3.18 0.00	46.01 2.74 -2.42	51.77 3.34 0.00	43.87 2.99 0.00	38.25 3.01 0.00	40.11 3.01 -0.31	48.67 2.77 -8.30	40.79 2.69 -0.01	46.74 2.76 0.00	59.45 3.81 0.00	65.73 4.46 -0.05	66.55 5.15 -0.50	76.48 5.01 -1.85	68.84 4.70 -1.36	76.13 3.88 -6.30	61.30 3.22 -6.58	78.85 3.44 -17.20	73.87 3.05 -17.93	47.72 2.00 -3.67	56.00 2.63 -5.49	45.17 2.62 -0.01	43.82 2.58 0.00	46.09 2.40 0.00
NSINS_S_GLNS_FALLS 23858	52.99 3.74 0.00	49.18 3.38 0.00	46.98 3.01 -3.11	51.99 3.56 -0.01	43.92 3.04 0.00	37.88 2.64 0.00	40.08 2.89 -0.40	51.32 3.04 -10.69	41.23 3.13 -0.01	47.61 3.63 0.00	60.46 4.82 0.00	66.63 5.34 -0.06	66.68 5.19 -0.59	75.91 5.54 -0.76	68.20 5.08 -0.34	71.38 5.44 0.00	59.29 4.34 -3.44	76.43 4.85 -13.38	72.49 4.29 -15.32	48.45 3.43 -2.97	58.80 3.84 -7.07	45.91 3.36 -0.01	44.40 3.17 0.00	46.99 3.30 0.00
NUCOR_STEEL___DRP 24197	49.06 -0.20 0.00	45.54 -0.27 0.00	40.81 -0.35 -0.30	47.76 -0.67 0.00	40.49 -0.39 0.00	34.97 -0.27 0.00	36.57 -0.25 -0.04	38.31 -0.33 -1.04	37.82 -0.27 0.00	43.54 -0.44 0.00	54.94 -0.70 0.00	60.65 -0.59 -0.01	60.24 -0.71 -0.06	69.12 -0.57 -0.07	62.35 -0.46 -0.03	65.62 -0.32 0.00	51.61 -0.23 -0.34	59.34 -0.17 -1.31	54.79 -0.31 -2.21	41.96 -0.38 -0.29	48.05 -0.52 -0.69	42.18 -0.36 0.00	40.95 -0.30 0.00	43.43 -0.26 0.00
NUMBER_THREE_WT_PWR 323818	49.78 0.53 0.00	45.66 -0.14 0.00	41.18 0.24 -0.09	48.94 0.52 0.00	41.29 0.41 0.00	35.32 0.08 0.00	36.50 -0.30 -0.01	37.27 -0.64 -0.32	38.00 -0.09 0.00	44.83 0.85 0.00	57.16 1.52 0.00	62.72 1.49 0.00	62.49 1.58 -0.02	70.93 1.29 -0.02	63.72 0.94 -0.01	66.20 0.26 0.00	51.59 -0.01 -0.10	58.69 0.09 -0.40	53.84 0.49 -0.45	41.86 -0.28 -0.09	48.72 0.63 -0.21	42.12 -0.41 0.00	40.92 -0.32 0.00	43.49 -0.20 0.00
NYISO_LBMP_REFERENCE 24008	49.25 0.00 0.00	45.80 0.00 0.00	40.86 0.00 0.00	48.43 0.00 0.00	40.88 0.00 0.00	35.24 0.00 0.00	36.78 0.00 0.00	37.59 0.00 0.00	38.08 0.00 0.00	43.98 0.00 0.00	55.64 0.00 0.00	61.23 0.00 0.00	60.90 0.00 0.00	69.61 0.00 0.00	62.78 0.00 0.00	65.94 0.00 0.00	51.50 0.00 0.00	58.20 0.00 0.00	52.89 0.00 0.00	42.05 0.00 0.00	47.88 0.00 0.00	42.54 0.00 0.00	41.24 0.00 0.00	43.69 0.00 0.00
NYPA_BRENTWD____GT 24164	52.51 3.25 0.00	49.03 3.24 0.00	46.03 2.76 -2.42	51.67 3.23 0.00	43.67 2.79 0.00	37.92 2.68 0.00	39.77 2.67 -0.31	48.41 2.51 -8.30	40.52 2.43 -0.01	46.70 2.72 0.00	59.53 3.90 0.00	65.86 4.58 -0.05	66.45 5.05 -0.50	76.11 4.81 -1.68	68.26 4.27 -1.21	75.14 3.75 -5.45	60.55 2.99 -6.05	78.06 3.57 -16.28	73.35 3.34 -17.12	48.20 2.67 -3.49	56.66 3.29 -5.49	45.64 3.10 -0.01	44.31 3.08 0.00	46.71 3.01 0.00

NYPA_GOWANUS____GT5 24156	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.11 3.18 0.00	56.86 2.69 -2.67	71.74 3.15 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NYPA_GOWANUS____GT6 24157	51.86 2.61 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.31 0.00	58.70 3.06 0.00	64.84 3.57 -0.05	65.06 3.69 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.11 3.18 0.00	56.86 2.69 -2.67	71.74 3.15 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
NYPA_HARLEM__RVR__GT1 24160	51.85 2.59 0.00	48.21 2.41 0.00	45.30 2.03 -2.42	50.78 2.35 0.00	42.84 1.96 0.00	37.06 1.82 0.00	39.10 2.01 -0.31	48.06 2.16 -8.30	40.18 2.09 -0.01	46.27 2.28 0.00	58.70 3.06 0.00	64.82 3.54 -0.05	65.05 3.69 -0.46	73.95 3.75 -0.59	66.16 3.13 -0.26	68.98 3.05 0.00	56.77 2.59 -2.67	71.61 3.01 -10.39	67.74 2.96 -11.90	46.64 2.29 -2.31	56.11 2.74 -5.49	45.07 2.53 -0.01	43.54 2.30 0.00	45.88 2.19 0.00
NYPA_HARLEM__RVR__GT2 24161	51.85 2.59 0.00	48.21 2.41 0.00	45.30 2.03 -2.42	50.78 2.35 0.00	42.84 1.96 0.00	37.06 1.82 0.00	39.10 2.01 -0.31	48.06 2.16 -8.30	40.18 2.09 -0.01	46.27 2.28 0.00	58.70 3.06 0.00	64.82 3.54 -0.05	65.05 3.69 -0.46	73.95 3.75 -0.59	66.16 3.13 -0.26	68.98 3.05 0.00	56.77 2.59 -2.67	71.61 3.01 -10.39	67.74 2.96 -11.90	46.64 2.29 -2.31	56.11 2.74 -5.49	45.07 2.53 -0.01	43.54 2.30 0.00	45.88 2.19 0.00
NYPA_KENT____GT 24152	51.91 2.65 0.00	48.28 2.48 0.00	45.37 2.10 -2.42	50.84 2.41 0.00	42.89 2.01 0.00	37.12 1.88 0.00	39.16 2.06 -0.31	48.13 2.23 -8.30	40.24 2.14 -0.01	46.34 2.35 0.00	58.77 3.13 0.00	64.91 3.63 -0.05	65.13 3.77 -0.46	74.06 3.85 -0.59	66.32 3.28 -0.26	69.12 3.19 0.00	56.88 2.70 -2.67	71.75 3.16 -10.39	67.88 3.09 -11.90	46.76 2.41 -2.31	56.23 2.86 -5.49	45.13 2.58 -0.01	43.61 2.37 0.00	45.97 2.28 0.00
NYPA_POUCH1____GT 24155	51.75 2.49 0.00	48.14 2.34 0.00	45.24 1.97 -2.42	50.70 2.27 0.00	42.76 1.88 0.00	37.02 1.78 0.00	39.05 1.96 -0.31	48.03 2.14 -8.30	40.12 2.03 -0.01	46.18 2.20 0.00	58.52 2.88 0.00	64.65 3.37 -0.05	64.86 3.51 -0.46	73.78 3.58 -0.59	66.06 3.03 -0.26	68.93 2.99 0.00	56.76 2.59 -2.67	71.63 3.04 -10.39	67.78 2.99 -11.90	46.68 2.33 -2.31	56.15 2.78 -5.49	45.03 2.49 -0.01	43.46 2.22 0.00	45.84 2.14 0.00
NYPA_VERNON____GT2 24162	51.96 2.70 0.00	48.32 2.53 0.00	45.41 2.14 -2.42	50.90 2.46 0.00	42.93 2.05 0.00	37.15 1.91 0.00	39.19 2.09 -0.31	48.15 2.26 -8.30	40.27 2.18 -0.01	46.39 2.40 0.00	58.84 3.20 0.00	64.98 3.70 -0.05	65.20 3.84 -0.46	74.12 3.92 -0.59	66.39 3.34 -0.26	69.18 3.25 0.00	56.94 2.76 -2.67	71.81 3.22 -10.39	67.90 3.11 -11.90	46.80 2.45 -2.31	56.25 2.88 -5.49	45.15 2.61 -0.01	43.64 2.40 0.00	46.02 2.32 0.00
NYPA_VERNON____GT3 24163	51.96 2.70 0.00	48.32 2.53 0.00	45.41 2.14 -2.42	50.90 2.46 0.00	42.93 2.05 0.00	37.15 1.91 0.00	39.19 2.09 -0.31	48.15 2.26 -8.30	40.27 2.18 -0.01	46.39 2.40 0.00	58.84 3.20 0.00	64.98 3.70 -0.05	65.20 3.84 -0.46	74.12 3.92 -0.59	66.39 3.34 -0.26	69.18 3.25 0.00	56.94 2.76 -2.67	71.81 3.22 -10.39	67.90 3.11 -11.90	46.80 2.45 -2.31	56.25 2.88 -5.49	45.15 2.61 -0.01	43.64 2.40 0.00	46.02 2.32 0.00
NYPA____ASTORIA_CC1 323568	51.92 2.67 0.00	48.29 2.50 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.16 3.80 -0.46	74.06 3.85 -0.59	66.34 3.30 -0.26	69.14 3.20 0.00	56.91 2.73 -2.67	71.76 3.16 -10.39	67.86 3.08 -11.90	46.76 2.41 -2.31	56.22 2.85 -5.49	45.12 2.58 -0.01	43.61 2.37 0.00	45.97 2.28 0.00
NYPA____ASTORIA_CC2 323569	51.92 2.67 0.00	48.29 2.50 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.91 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.23 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.16 3.80 -0.46	74.06 3.85 -0.59	66.34 3.30 -0.26	69.14 3.20 0.00	56.91 2.73 -2.67	71.76 3.16 -10.39	67.86 3.08 -11.90	46.76 2.41 -2.31	56.22 2.85 -5.49	45.12 2.58 -0.01	43.61 2.37 0.00	45.97 2.28 0.00
NYPA____HOLTSVILL 23794	52.12 2.87 0.00	48.65 2.85 0.00	45.71 2.43 -2.42	51.33 2.90 0.00	43.42 2.54 0.00	37.78 2.54 0.00	39.58 2.49 -0.31	48.18 2.29 -8.30	40.33 2.23 -0.01	46.36 2.38 0.00	59.07 3.43 0.00	65.32 4.04 -0.05	66.02 4.62 -0.50	75.78 4.26 -1.92	68.09 3.90 -1.42	75.70 3.14 -6.62	60.88 2.60 -6.77	78.57 2.83 -17.54	73.79 2.66 -18.24	47.74 1.96 -3.74	55.95 2.58 -5.49	45.12 2.57 -0.01	43.83 2.59 0.00	46.17 2.48 0.00
NYPA____HELLGATE_GT1 24158	51.85 2.59 0.00	48.21 2.41 0.00	45.30 2.03 -2.42	50.78 2.35 0.00	42.84 1.96 0.00	37.06 1.82 0.00	39.10 2.01 -0.31	48.06 2.16 -8.30	40.18 2.09 -0.01	46.27 2.28 0.00	58.70 3.06 0.00	64.82 3.54 -0.05	65.05 3.69 -0.46	73.95 3.75 -0.59	66.17 3.14 -0.26	68.98 3.05 0.00	56.77 2.59 -2.67	71.61 3.01 -10.39	67.74 2.96 -11.90	46.64 2.29 -2.31	56.11 2.74 -5.49	45.06 2.51 -0.01	43.54 2.30 0.00	45.88 2.19 0.00
NYPA____HELLGATE_GT2 24159	51.85 2.59 0.00	48.21 2.41 0.00	45.30 2.03 -2.42	50.78 2.35 0.00	42.84 1.96 0.00	37.06 1.82 0.00	39.10 2.01 -0.31	48.06 2.16 -8.30	40.18 2.09 -0.01	46.27 2.28 0.00	58.70 3.06 0.00	64.82 3.54 -0.05	65.05 3.69 -0.46	73.95 3.75 -0.59	66.17 3.14 -0.26	68.98 3.05 0.00	56.77 2.59 -2.67	71.61 3.01 -10.39	67.74 2.96 -11.90	46.64 2.29 -2.31	56.11 2.74 -5.49	45.06 2.51 -0.01	43.54 2.30 0.00	45.88 2.19 0.00
NYS_BARGE____HYD 23848	48.21 -1.05 0.00	44.22 -1.58 0.00	38.99 -2.23 -0.36	45.59 -2.83 0.00	38.66 -2.22 0.00	33.29 -1.95 0.00	34.77 -2.06 -0.05	36.24 -2.60 -1.25	35.54 -2.55 0.00	41.38 -2.60 0.00	51.67 -3.97 0.00	56.56 -4.67 -0.01	55.74 -5.23 -0.07	63.95 -5.75 -0.09	57.67 -5.15 -0.04	61.10 -4.84 0.00	47.62 -4.28 -0.40	55.11 -4.66 -1.57	49.58 -4.38 -1.07	39.48 -2.92 -0.35	45.18 -3.52 -0.83	39.95 -2.58 0.00	39.50 -1.74 0.00	42.49 -1.20 0.00
OAK ORCHARD____HYD 24046	48.73 -0.52 0.00	44.89 -0.91 0.00	39.86 -1.28 -0.29	46.76 -1.66 0.00	39.61 -1.28 0.00	34.16 -1.08 0.00	35.71 -1.11 -0.04	37.26 -1.29 -0.96	36.80 -1.29 0.00	42.75 -1.23 0.00	53.68 -1.96 0.00	58.91 -2.33 -0.01	58.38 -2.58 -0.05	67.05 -2.63 -0.07	60.42 -2.39 -0.03	63.76 -2.18 0.00	50.05 -1.77 -0.32	57.63 -1.82 -1.25	52.07 -1.83 -1.02	41.15 -1.18 -0.28	47.04 -1.50 -0.66	41.43 -1.11 0.00	40.49 -0.75 0.00	43.20 -0.50 0.00

OAKDALE___35_KV_LOAD 356122	48.98 -0.28 0.00	45.44 -0.36 0.00	41.22 -0.44 -0.81	47.83 -0.60 0.00	40.45 -0.43 0.00	34.80 -0.44 0.00	36.43 -0.45 -0.10	39.86 -0.52 -2.79	37.58 -0.51 0.00	43.44 -0.54 0.00	54.86 -0.78 0.00	60.32 -0.93 -0.02	59.94 -1.12 -0.15	68.54 -1.26 -0.20	61.74 -1.13 -0.09	64.84 -1.10 0.00	51.56 -0.84 -0.89	60.83 -0.84 -3.47	55.41 -0.89 -3.41	42.26 -0.56 -0.77	49.04 -0.67 -1.83	41.89 -0.65 0.00	40.72 -0.52 0.00	43.23 -0.46 0.00
OCC_CHEM___DRP 24175	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.85 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.51 -5.72 -0.01	54.77 -6.20 -0.07	62.76 -6.94 -0.09	56.55 -6.27 -0.04	59.92 -6.02 0.00	46.78 -5.14 -0.41	54.19 -5.62 -1.61	48.73 -5.24 -1.08	38.82 -3.59 -0.36	44.43 -4.30 -0.85	39.35 -3.19 0.00	38.86 -2.38 0.00	42.05 -1.64 0.00
OH_GEN_PROXY 24063	47.59 -1.67 0.00	43.66 -2.14 0.00	38.55 -2.68 -0.37	45.07 -3.36 0.00	38.23 -2.65 0.00	32.91 -2.33 0.00	34.37 -2.46 -0.05	36.04 -2.81 -1.27	35.25 -2.84 0.00	41.04 -2.95 0.00	51.28 -4.37 0.00	56.19 -5.05 -0.01	55.41 -5.56 -0.07	63.54 -6.16 -0.09	57.23 -5.59 -0.04	60.58 -5.36 0.00	47.33 -4.58 -0.41	54.85 -4.94 -1.58	49.33 -4.65 -1.10	39.25 -3.15 -0.35	44.99 -3.73 -0.84	39.73 -2.81 0.00	39.17 -2.07 0.00	42.15 -1.54 0.00
OLIN_CORP_DRP 24177	47.69 -1.56 0.00	43.75 -2.05 0.00	38.58 -2.66 -0.38	45.09 -3.34 0.00	38.24 -2.64 0.00	32.92 -2.32 0.00	34.39 -2.44 -0.05	35.83 -3.06 -1.30	35.06 -3.03 0.00	40.82 -3.17 0.00	50.98 -4.66 0.00	55.86 -5.38 -0.01	55.06 -5.91 -0.07	63.15 -6.56 -0.09	56.94 -5.88 -0.04	60.32 -5.61 0.00	46.95 -4.97 -0.42	54.31 -5.51 -1.63	48.85 -5.12 -1.08	38.91 -3.50 -0.36	44.54 -4.20 -0.86	39.41 -3.13 0.00	39.02 -2.22 0.00	42.00 -1.69 0.00
OLIN_CORP_DSASP 323712	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.85 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.51 -5.72 -0.01	54.77 -6.20 -0.07	62.76 -6.94 -0.09	56.55 -6.27 -0.04	59.92 -6.02 0.00	46.78 -5.14 -0.41	54.19 -5.62 -1.61	48.73 -5.24 -1.08	38.82 -3.59 -0.36	44.43 -4.30 -0.85	39.35 -3.19 0.00	38.86 -2.38 0.00	42.05 -1.64 0.00
ONEIDA_HERK_LFGE 323681	50.18 0.92 0.00	46.39 0.59 0.00	41.61 0.68 -0.08	49.34 0.91 0.00	41.63 0.75 0.00	35.79 0.54 0.00	37.24 0.45 -0.01	38.20 0.34 -0.27	38.69 0.61 0.00	45.11 1.12 0.00	57.25 1.61 0.00	62.91 1.68 0.00	62.64 1.73 -0.01	71.40 1.77 -0.02	64.31 1.52 -0.01	67.24 1.30 0.00	52.54 0.95 -0.09	59.65 1.11 -0.34	54.39 1.11 -0.39	42.74 0.62 -0.07	49.10 1.04 -0.18	43.01 0.47 0.00	41.69 0.45 0.00	44.21 0.52 0.00
ONEIDA___115KV_TB4 55905	50.29 1.03 0.00	46.73 0.94 0.00	41.88 0.88 -0.15	49.46 1.03 0.00	41.77 0.89 0.00	36.02 0.78 0.00	37.61 0.81 -0.02	38.93 0.82 -0.51	39.02 0.93 0.00	45.19 1.21 0.00	57.21 1.57 0.00	62.92 1.69 0.00	62.62 1.69 -0.03	71.68 2.04 -0.04	64.61 1.82 -0.02	67.78 1.85 0.00	53.13 1.46 -0.16	60.34 1.50 -0.64	55.10 1.25 -0.96	43.11 0.92 -0.14	49.26 1.04 -0.34	43.26 0.72 0.00	41.88 0.64 0.00	44.38 0.68 0.00
ONONDAGA_REF_OCCRA 23987	48.65 -0.60 0.00	45.16 -0.64 0.00	40.48 -0.66 -0.28	47.57 -0.86 0.00	40.22 -0.66 0.00	34.70 -0.54 0.00	36.27 -0.55 -0.04	37.97 -0.60 -0.98	37.51 -0.58 0.00	43.37 -0.61 0.00	54.79 -0.85 0.00	60.27 -0.96 -0.01	59.96 -0.99 -0.05	68.80 -0.88 -0.07	62.07 -0.74 -0.03	65.23 -0.71 0.00	51.27 -0.55 -0.31	58.80 -0.62 -1.22	54.04 -0.69 -1.84	41.79 -0.54 -0.27	47.86 -0.66 -0.65	41.89 -0.65 0.00	40.64 -0.61 0.00	43.06 -0.64 0.00
ONONDAGA___COGEN 23986	48.57 -0.68 0.00	45.10 -0.70 0.00	40.40 -0.72 -0.26	47.50 -0.93 0.00	40.17 -0.71 0.00	34.67 -0.58 0.00	36.22 -0.59 -0.03	37.84 -0.63 -0.88	37.47 -0.62 0.00	43.30 -0.68 0.00	54.71 -0.93 0.00	60.21 -1.02 0.00	59.90 -1.05 -0.05	68.74 -0.93 -0.06	62.01 -0.79 -0.03	65.19 -0.74 0.00	51.22 -0.57 -0.28	58.66 -0.65 -1.11	53.71 -0.73 -1.54	41.71 -0.58 -0.24	47.74 -0.73 -0.58	41.86 -0.68 0.00	40.61 -0.63 0.00	43.03 -0.66 0.00
ONTARIO___LFGE 23819	48.87 -0.38 0.00	45.18 -0.62 0.00	40.28 -0.84 -0.27	47.31 -1.12 0.00	40.04 -0.83 0.00	34.58 -0.66 0.00	36.15 -0.66 -0.04	37.75 -0.76 -0.92	37.37 -0.72 0.00	43.29 -0.70 0.00	54.55 -1.09 0.00	59.97 -1.27 0.00	59.46 -1.50 -0.05	68.27 -1.40 -0.07	61.54 -1.27 -0.03	64.91 -1.03 0.00	50.95 -0.85 -0.30	58.57 -0.80 -1.17	53.31 -0.92 -1.34	41.69 -0.62 -0.26	47.65 -0.84 -0.62	41.86 -0.68 0.00	40.73 -0.51 0.00	43.28 -0.41 0.00
ORANGEVILLE_WT_PWR 323706	48.22 -1.04 0.00	44.24 -1.55 0.00	39.26 -2.06 -0.47	45.67 -2.76 0.00	38.60 -2.28 0.00	33.03 -2.21 0.00	34.45 -2.40 -0.06	36.59 -2.66 -1.66	35.53 -2.55 0.00	41.27 -2.71 0.00	51.63 -4.01 0.00	56.26 -4.97 -0.01	55.25 -5.74 -0.09	63.17 -6.56 -0.11	57.05 -5.78 -0.05	60.48 -5.46 0.00	47.35 -4.67 -0.51	55.28 -4.93 -2.01	49.05 -4.77 -0.92	39.12 -3.37 -0.45	44.99 -3.94 -1.06	39.31 -3.23 0.00	38.60 -2.64 0.00	41.42 -2.27 0.00
ORANGEVILLE___ESR 323794	48.22 -1.04 0.00	44.24 -1.55 0.00	39.26 -2.06 -0.47	45.67 -2.76 0.00	38.60 -2.28 0.00	33.03 -2.21 0.00	34.45 -2.40 -0.06	36.59 -2.66 -1.66	35.53 -2.55 0.00	41.27 -2.71 0.00	51.63 -4.01 0.00	56.26 -4.97 -0.01	55.25 -5.74 -0.09	63.17 -6.56 -0.11	57.05 -5.78 -0.05	60.48 -5.46 0.00	47.35 -4.67 -0.51	55.28 -4.93 -2.01	49.05 -4.77 -0.92	39.12 -3.37 -0.45	44.99 -3.94 -1.06	39.31 -3.23 0.00	38.60 -2.64 0.00	41.42 -2.27 0.00
OSWEGATCHIE___HYD 24044	49.43 0.18 0.00	45.16 -0.63 0.00	40.94 0.01 -0.07	48.78 0.35 0.00	41.14 0.26 0.00	35.15 -0.09 0.00	36.19 -0.61 -0.01	37.27 -0.57 -0.25	37.91 -0.18 0.00	44.60 0.62 0.00	56.76 1.12 0.00	62.20 0.97 0.00	62.06 1.15 -0.01	70.34 0.71 -0.02	63.24 0.46 -0.01	66.09 0.15 0.00	51.29 -0.29 -0.08	58.25 -0.27 -0.31	53.12 -0.13 -0.36	41.79 -0.33 -0.07	48.26 0.21 -0.17	42.46 -0.08 0.00	41.41 0.17 0.00	44.31 0.61 0.00
OSWEGO___5 23606	47.83 -1.43 0.00	44.40 -1.40 0.00	39.74 -1.31 -0.19	46.82 -1.61 0.00	39.58 -1.30 0.00	34.16 -1.07 0.00	35.66 -1.15 -0.03	37.03 -1.20 -0.64	36.88 -1.20 0.00	42.62 -1.37 0.00	53.84 -1.80 0.00	59.22 -2.01 0.00	58.89 -2.05 -0.04	67.59 -2.07 -0.05	60.98 -1.82 -0.02	64.10 -1.84 0.00	50.26 -1.45 -0.21	57.31 -1.69 -0.81	52.16 -1.66 -0.92	40.92 -1.30 -0.18	46.79 -1.52 -0.43	41.18 -1.36 0.00	39.98 -1.26 0.00	42.37 -1.32 0.00
OSWEGO___6 23613	47.83 -1.43 0.00	44.40 -1.40 0.00	39.74 -1.31 -0.19	46.82 -1.61 0.00	39.58 -1.30 0.00	34.16 -1.07 0.00	35.66 -1.15 -0.03	37.03 -1.20 -0.64	36.88 -1.20 0.00	42.62 -1.37 0.00	53.84 -1.80 0.00	59.22 -2.01 0.00	58.89 -2.05 -0.04	67.59 -2.07 -0.05	60.98 -1.82 -0.02	64.10 -1.84 0.00	50.26 -1.45 -0.21	57.31 -1.69 -0.81	52.16 -1.66 -0.92	40.92 -1.30 -0.18	46.79 -1.52 -0.43	41.18 -1.36 0.00	39.98 -1.26 0.00	42.37 -1.32 0.00

OUTOKUMPU-AB___DRP 24206	48.26 -1.00 0.00	44.25 -1.55 0.00	39.05 -2.19 -0.38	45.63 -2.80 0.00	38.68 -2.20 0.00	33.29 -1.95 0.00	34.79 -2.05 -0.05	36.45 -2.46 -1.32	35.66 -2.43 0.00	41.50 -2.49 0.00	51.81 -3.83 0.00	56.71 -4.52 -0.01	55.91 -5.06 -0.07	64.15 -5.56 -0.09	57.82 -5.00 -0.04	61.24 -4.70 0.00	47.85 -4.08 -0.42	55.47 -4.38 -1.65	49.80 -4.18 -1.08	39.70 -2.72 -0.36	45.43 -3.32 -0.87	40.12 -2.42 0.00	39.58 -1.66 0.00	42.68 -1.01 0.00
OXBOW___BTM 323836	47.69 -1.56 0.00	43.70 -2.10 0.00	38.56 -2.67 -0.38	45.05 -3.38 0.00	38.19 -2.69 0.00	32.89 -2.35 0.00	34.37 -2.47 -0.05	36.02 -2.87 -1.30	35.21 -2.88 0.00	40.99 -2.99 0.00	51.17 -4.47 0.00	56.07 -5.17 -0.01	55.27 -5.70 -0.07	63.39 -6.31 -0.09	57.12 -5.70 -0.04	60.52 -5.42 0.00	47.25 -4.67 -0.42	54.79 -5.04 -1.63	49.21 -4.76 -1.08	39.20 -3.21 -0.36	44.89 -3.85 -0.86	39.69 -2.84 0.00	39.17 -2.07 0.00	42.31 -1.38 0.00
OXBOW___ 24026	47.69 -1.57 0.00	43.70 -2.10 0.00	38.56 -2.67 -0.38	45.05 -3.38 0.00	38.19 -2.69 0.00	32.89 -2.35 0.00	34.37 -2.46 -0.05	36.03 -2.87 -1.30	35.21 -2.88 0.00	40.99 -3.00 0.00	51.18 -4.46 0.00	56.05 -5.18 -0.01	55.27 -5.70 -0.07	63.40 -6.30 -0.09	57.12 -5.70 -0.04	60.52 -5.42 0.00	47.27 -4.65 -0.42	54.80 -5.03 -1.63	49.23 -4.74 -1.08	39.22 -3.19 -0.36	44.89 -3.85 -0.86	39.69 -2.85 0.00	39.17 -2.07 0.00	42.31 -1.39 0.00
OXY_CHEM_DSASP 323612	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.85 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.51 -5.72 -0.01	54.77 -6.20 -0.07	62.76 -6.94 -0.09	56.55 -6.27 -0.04	59.92 -6.02 0.00	46.78 -5.14 -0.41	54.19 -5.62 -1.61	48.73 -5.24 -1.08	38.82 -3.59 -0.36	44.43 -4.30 -0.85	39.35 -3.19 0.00	38.86 -2.38 0.00	42.05 -1.64 0.00
OZONE_PARK_ESR 323760	52.32 3.07 0.00	48.65 2.85 0.00	45.68 2.40 -2.42	51.21 2.77 0.00	43.19 2.31 0.00	37.38 2.14 0.00	39.44 2.34 -0.31	48.41 2.51 -8.30	40.54 2.45 -0.01	46.71 2.72 0.00	59.26 3.62 0.00	65.45 4.17 -0.05	65.67 4.31 -0.46	74.69 4.49 -0.59	66.95 3.91 -0.26	69.83 3.90 0.00	57.44 3.26 -2.67	72.43 3.84 -10.39	68.43 3.64 -11.90	47.23 2.87 -2.31	56.74 3.37 -5.49	45.52 2.97 -0.01	43.96 2.72 0.00	46.35 2.65 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.85 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.51 -5.72 -0.01	54.77 -6.20 -0.07	62.76 -6.94 -0.09	56.55 -6.27 -0.04	59.92 -6.02 0.00	46.78 -5.14 -0.41	54.19 -5.62 -1.61	48.73 -5.24 -1.08	38.82 -3.59 -0.36	44.43 -4.30 -0.85	39.35 -3.19 0.00	38.86 -2.38 0.00	42.05 -1.64 0.00
PACKARD__115KV_DUPONT_184 80571	47.24 -2.02 0.00	43.29 -2.51 0.00	38.19 -3.04 -0.37	44.62 -3.81 0.00	37.83 -3.05 0.00	32.59 -2.65 0.00	34.04 -2.79 -0.05	35.69 -3.19 -1.29	34.86 -3.23 0.00	40.59 -3.39 0.00	50.66 -4.98 0.00	55.53 -5.71 -0.01	54.76 -6.21 -0.07	62.77 -6.94 -0.09	56.54 -6.28 -0.04	59.91 -6.02 0.00	46.75 -5.16 -0.41	54.19 -5.62 -1.61	48.71 -5.26 -1.08	38.80 -3.60 -0.36	44.42 -4.31 -0.85	39.36 -3.18 0.00	38.85 -2.39 0.00	42.05 -1.64 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.75 2.50 0.00	48.13 2.33 0.00	45.24 1.97 -2.42	50.70 2.27 0.00	42.76 1.88 0.00	37.00 1.76 0.00	39.04 1.95 -0.31	48.00 2.11 -8.30	40.12 2.03 -0.01	46.20 2.21 0.00	58.59 2.96 0.00	64.72 3.44 -0.05	64.95 3.59 -0.46	73.84 3.64 -0.59	66.12 3.08 -0.26	68.97 3.03 0.00	56.76 2.58 -2.67	71.60 3.01 -10.39	67.72 2.93 -11.90	46.61 2.25 -2.31	56.06 2.69 -5.49	44.98 2.44 -0.01	43.43 2.19 0.00	45.79 2.10 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.73 3.48 0.00	49.04 3.24 0.00	46.04 2.77 -2.42	51.66 3.22 0.00	43.59 2.71 0.00	37.73 2.49 0.00	39.80 2.70 -0.31	48.78 2.89 -8.30	40.95 2.86 -0.01	47.12 3.14 0.00	59.75 4.11 0.00	65.98 4.70 -0.05	66.17 4.81 -0.46	75.26 5.06 -0.59	67.37 4.33 -0.26	70.26 4.32 0.00	57.79 3.62 -2.67	72.83 4.23 -10.39	68.83 4.04 -11.90	47.49 3.13 -2.31	57.06 3.69 -5.49	45.84 3.30 -0.01	44.24 3.00 0.00	46.65 2.95 0.00
PATROON__115KV_TB1 80586	50.50 1.25 0.00	47.18 1.38 0.00	45.09 1.23 -3.01	49.89 1.46 0.00	42.14 1.25 0.00	36.35 1.12 0.00	38.35 1.18 -0.39	49.06 1.15 -10.32	39.28 1.18 -0.01	45.25 1.27 0.00	57.26 1.62 0.00	63.10 1.81 -0.06	63.29 1.83 -0.57	72.26 1.92 -0.73	64.83 1.72 -0.33	67.72 1.78 0.00	56.30 1.47 -3.32	72.79 1.66 -12.92	69.29 1.61 -14.79	46.28 1.37 -2.87	56.21 1.50 -6.83	43.88 1.33 -0.01	42.44 1.21 0.00	44.92 1.22 0.00
PATTRSNVILLE___SOLAR 323815	50.66 1.41 0.00	47.10 1.30 0.00	45.27 1.18 -3.24	49.87 1.44 -0.01	42.04 1.16 0.00	36.24 1.00 0.00	38.29 1.08 -0.42	49.84 1.13 -11.12	39.23 1.14 -0.01	45.22 1.24 0.00	57.39 1.75 0.00	63.20 1.90 -0.07	63.36 1.84 -0.62	72.10 1.70 -0.79	64.86 1.73 -0.35	67.92 1.98 0.00	56.70 1.62 -3.58	74.00 1.88 -13.92	70.58 1.75 -15.94	46.46 1.32 -3.09	56.71 1.47 -7.36	43.82 1.27 -0.01	42.39 1.15 0.00	44.90 1.21 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	48.70 -0.56 0.00	44.71 -1.09 0.00	39.54 -1.73 -0.42	46.17 -2.25 0.00	39.16 -1.72 0.00	33.67 -1.57 0.00	35.18 -1.66 -0.05	37.01 -2.04 -1.47	36.16 -1.93 0.00	42.02 -1.96 0.00	52.56 -3.08 0.00	57.48 -3.75 -0.01	56.57 -4.41 -0.08	64.94 -4.78 -0.10	58.56 -4.26 -0.05	61.99 -3.95 0.00	48.58 -3.40 -0.47	56.51 -3.50 -1.82	50.59 -3.44 -1.14	40.27 -2.18 -0.40	46.20 -2.64 -0.96	40.59 -1.94 0.00	39.94 -1.30 0.00	42.95 -0.74 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	52.02 2.77 0.00	48.42 2.62 0.00	45.54 2.24 -2.45	51.05 2.62 0.00	43.05 2.17 0.00	37.24 2.00 0.00	39.28 2.18 -0.32	48.31 2.31 -8.40	40.36 2.27 -0.01	46.50 2.52 0.00	58.94 3.30 0.00	65.06 3.78 -0.05	65.26 3.90 -0.47	74.34 4.13 -0.60	66.65 3.60 -0.27	69.55 3.62 0.00	57.21 3.00 -2.70	72.27 3.55 -10.52	68.28 3.35 -12.04	47.01 2.63 -2.34	56.50 3.06 -5.56	45.21 2.66 -0.01	43.68 2.44 0.00	46.07 2.38 0.00
PEEKSKILL___ 23653	51.50 2.25 0.00	47.95 2.15 0.00	45.06 1.81 -2.39	50.53 2.10 0.00	42.61 1.73 0.00	36.86 1.63 0.00	38.87 1.78 -0.31	47.71 1.90 -8.22	39.89 1.80 -0.01	45.92 1.94 0.00	58.24 2.60 0.00	64.31 3.04 -0.05	64.51 3.16 -0.46	73.42 3.23 -0.58	65.82 2.78 -0.26	68.67 2.73 0.00	56.43 2.28 -2.64	71.21 2.72 -10.29	67.29 2.63 -11.78	46.38 2.05 -2.28	55.74 2.42 -5.44	44.68 2.14 -0.01	43.19 1.95 0.00	45.61 1.92 0.00
PGE MADISON___WINDPWR 24146	52.67 3.42 0.00	48.78 2.99 0.00	44.19 2.55 -0.78	51.35 2.92 0.00	43.31 2.43 0.00	37.13 1.89 0.00	38.68 1.79 -0.10	42.15 1.85 -2.71	40.07 1.99 0.00	46.53 2.54 0.00	59.04 3.40 0.00	65.05 3.81 -0.02	64.62 3.57 -0.15	74.01 4.21 -0.19	66.13 3.27 -0.08	69.55 3.61 0.00	55.06 2.69 -0.87	64.98 3.41 -3.37	61.78 3.17 -5.71	45.08 2.28 -0.75	51.66 2.00 -1.78	43.99 1.45 0.00	42.71 1.47 0.00	45.01 1.32 0.00

PIERCEFIELD___HYD 23852	49.82 0.57 0.00	45.37 -0.43 0.00	41.32 0.41 -0.05	49.34 0.91 0.00	41.61 0.73 0.00	35.55 0.32 0.00	36.61 -0.18 -0.01	37.94 0.19 -0.16	38.57 0.48 0.00	45.21 1.22 0.00	57.16 1.52 0.00	62.63 1.39 0.00	62.45 1.54 -0.01	70.66 1.03 -0.01	63.56 0.77 -0.01	66.80 0.86 0.00	51.90 0.34 -0.05	58.84 0.44 -0.20	53.43 0.31 -0.23	42.41 0.32 -0.04	48.42 0.44 -0.11	43.34 0.80 0.00	42.43 1.19 0.00	45.66 1.97 0.00
PINELAWN_CC_1 323563	52.30 3.04 0.00	48.78 2.99 0.00	45.79 2.52 -2.42	51.38 2.95 0.00	43.43 2.55 0.00	37.68 2.44 0.00	39.54 2.45 -0.31	48.23 2.33 -8.30	40.33 2.24 -0.01	46.47 2.49 0.00	59.19 3.55 0.00	65.49 4.21 -0.05	66.07 4.67 -0.51	74.81 4.38 -0.82	67.10 3.87 -0.46	70.53 3.46 -1.13	57.77 2.89 -3.37	73.20 3.38 -11.62	69.06 3.18 -12.98	47.03 2.43 -2.55	56.47 3.10 -5.49	45.47 2.92 -0.01	44.09 2.85 0.00	46.45 2.76 0.00
PJM_GEN_HTTP_PROXY 323702	51.82 2.57 0.00	48.21 2.42 0.00	45.31 2.04 -2.42	50.79 2.35 0.00	42.84 1.97 0.00	37.07 1.83 0.00	39.09 2.00 -0.31	48.04 2.15 -8.30	40.16 2.07 -0.01	46.26 2.27 0.00	58.68 3.04 0.00	64.81 3.53 -0.05	65.01 3.65 -0.46	73.96 3.76 -0.59	66.28 3.24 -0.26	69.11 3.17 0.00	56.84 2.67 -2.67	71.73 3.14 -10.39	67.80 3.01 -11.89	46.73 2.37 -2.31	56.16 2.80 -5.49	45.03 2.48 -0.01	43.49 2.25 0.00	45.88 2.19 0.00
PJM_GEN_KEystone 24065	22.39 0.14 27.00	32.12 -0.01 13.67	33.31 -0.30 7.24	31.56 -0.47 16.39	40.56 -0.31 0.00	35.02 -0.22 0.00	36.77 -0.21 -0.19	42.47 -0.27 -5.14	37.74 -0.35 -0.01	29.20 -0.44 14.34	31.70 -0.67 23.27	28.10 -0.78 32.35	29.62 -0.98 30.30	32.24 -1.24 36.13	22.97 -1.19 38.61	6.69 -1.17 58.07	29.46 -0.88 21.16	63.85 -0.78 -6.43	54.85 -0.77 -2.73	42.74 -0.40 -1.09	50.85 -0.43 -3.40	35.17 -0.31 7.05	35.54 -0.15 5.56	43.71 0.02 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.81 2.55 0.00	48.31 2.51 0.00	45.38 2.11 -2.42	50.91 2.48 0.00	43.00 2.12 0.00	37.29 2.05 0.00	39.14 2.04 -0.31	47.86 1.96 -8.30	39.99 1.90 -0.01	46.08 2.09 0.00	58.71 3.07 0.00	64.86 3.57 -0.05	65.38 3.98 -0.50	73.78 3.58 -0.59	66.20 3.16 -0.26	68.70 2.76 0.00	56.53 2.35 -2.67	71.33 2.74 -10.39	67.40 2.61 -11.90	46.35 1.99 -2.31	55.96 2.59 -5.49	44.99 2.44 -0.01	43.61 2.37 0.00	45.99 2.29 0.00
PJM_GEN_VFT_PROXY 323633	51.68 2.43 0.00	48.06 2.27 0.00	45.20 1.93 -2.42	50.63 2.20 0.00	42.72 1.84 0.00	36.98 1.74 0.00	39.01 1.91 -0.31	47.97 2.08 -8.30	40.07 1.98 -0.01	46.13 2.15 0.00	58.52 2.88 0.00	64.62 3.34 -0.05	64.83 3.48 -0.46	73.74 3.54 -0.59	66.10 3.06 -0.26	68.91 2.97 0.00	56.70 2.53 -2.67	71.57 2.97 -10.39	67.67 2.88 -11.90	46.62 2.26 -2.31	56.03 2.67 -5.49	44.92 2.37 -0.01	43.39 2.15 0.00	45.77 2.07 0.00
PLATSBURG_115KV_PMLD1 355749	50.50 1.25 0.00	46.09 0.29 0.00	41.88 1.03 0.00	49.88 1.45 0.00	42.12 1.24 0.00	36.20 0.96 0.00	37.56 0.78 0.00	38.93 1.34 0.00	39.67 1.58 0.00	46.28 2.30 0.00	58.40 2.76 0.00	64.12 2.89 0.00	63.89 2.99 0.00	72.22 2.60 0.00	65.16 2.39 0.00	68.68 2.74 0.00	53.61 2.10 0.00	60.71 2.51 0.00	54.77 1.88 0.00	43.83 1.78 0.00	49.52 1.64 0.00	44.39 1.86 0.00	43.22 1.98 0.00	46.31 2.61 0.00
PLEASANTVLY___LBMP 24000	51.19 1.94 0.00	47.68 1.88 0.00	44.98 1.61 -2.52	50.31 1.88 0.00	42.43 1.55 0.00	36.66 1.42 0.00	38.66 1.55 -0.33	47.89 1.66 -8.64	39.67 1.58 -0.01	45.69 1.70 0.00	57.93 2.29 0.00	63.95 2.67 -0.05	64.15 2.78 -0.48	73.04 2.82 -0.61	65.49 2.44 -0.27	68.32 2.38 0.00	56.28 1.99 -2.78	71.39 2.37 -10.82	67.57 2.29 -12.39	46.24 1.79 -2.40	55.73 2.13 -5.72	44.43 1.88 -0.01	42.96 1.72 0.00	45.37 1.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.62 2.37 0.00	48.06 2.26 0.00	45.20 1.91 -2.43	50.66 2.22 0.00	42.72 1.84 0.00	36.94 1.70 0.00	38.96 1.86 -0.31	47.94 1.98 -8.36	40.00 1.90 -0.01	46.06 2.08 0.00	58.42 2.78 0.00	64.49 3.21 -0.05	64.71 3.35 -0.46	73.65 3.45 -0.59	66.02 2.98 -0.26	68.86 2.92 0.00	56.64 2.44 -2.69	71.57 2.91 -10.47	67.68 2.80 -11.98	46.57 2.20 -2.32	56.01 2.60 -5.53	44.83 2.28 -0.01	43.34 2.10 0.00	45.73 2.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.62 2.37 0.00	48.06 2.26 0.00	45.20 1.91 -2.43	50.66 2.22 0.00	42.72 1.84 0.00	36.94 1.70 0.00	38.96 1.86 -0.31	47.94 1.98 -8.36	40.00 1.90 -0.01	46.06 2.08 0.00	58.42 2.78 0.00	64.49 3.21 -0.05	64.71 3.35 -0.46	73.65 3.45 -0.59	66.02 2.98 -0.26	68.86 2.92 0.00	56.64 2.44 -2.69	71.57 2.91 -10.47	67.68 2.80 -11.98	46.57 2.20 -2.32	56.01 2.60 -5.53	44.83 2.28 -0.01	43.34 2.10 0.00	45.73 2.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.68 2.43 0.00	48.11 2.32 0.00	45.34 1.99 -2.50	50.77 2.34 0.00	42.82 1.95 0.00	37.00 1.76 0.00	39.03 1.92 -0.32	48.22 2.03 -8.59	40.08 1.99 -0.01	46.18 2.20 0.00	58.52 2.88 0.00	64.59 3.31 -0.05	64.75 3.38 -0.48	73.81 3.59 -0.61	66.19 3.14 -0.27	69.09 3.15 0.00	56.88 2.61 -2.76	72.04 3.09 -10.75	68.13 2.93 -12.31	46.75 2.31 -2.39	56.26 2.69 -5.68	44.89 2.34 -0.01	43.38 2.14 0.00	45.78 2.09 0.00
POLETTI_____ 23519	51.27 2.02 0.00	47.68 1.88 0.00	44.85 1.57 -2.42	50.23 1.80 0.00	42.37 1.49 0.00	36.67 1.43 0.00	38.69 1.59 -0.31	47.64 1.75 -8.30	39.76 1.66 -0.01	45.78 1.80 0.00	58.09 2.45 0.00	64.14 2.86 -0.05	64.40 3.04 -0.46	73.19 2.99 -0.59	65.50 2.46 -0.26	68.27 2.33 0.00	56.22 2.04 -2.67	71.00 2.41 -10.39	67.19 2.40 -11.90	46.20 1.85 -2.31	55.60 2.23 -5.49	44.63 2.08 -0.01	43.10 1.86 0.00	45.40 1.71 0.00
POMONA___ESR 323819	51.52 2.27 0.00	47.96 2.16 0.00	45.01 1.81 -2.34	50.53 2.10 0.00	42.61 1.73 0.00	36.86 1.63 0.00	38.87 1.78 -0.30	47.56 1.92 -8.05	39.89 1.80 -0.01	45.91 1.92 0.00	58.22 2.59 0.00	64.28 3.00 -0.05	64.47 3.12 -0.45	73.39 3.20 -0.57	65.79 2.76 -0.25	68.67 2.73 0.00	56.37 2.28 -2.59	70.99 2.72 -10.07	67.05 2.63 -11.53	46.33 2.05 -2.24	55.63 2.42 -5.32	44.67 2.12 -0.01	43.17 1.93 0.00	45.61 1.92 0.00
PORT_JEFF_3 23555	52.16 2.90 0.00	48.67 2.88 0.00	45.72 2.45 -2.42	51.35 2.92 0.00	43.45 2.56 0.00	37.79 2.56 0.00	39.57 2.48 -0.31	48.13 2.24 -8.30	40.29 2.20 -0.01	46.39 2.40 0.00	59.09 3.45 0.00	65.37 4.09 -0.05	66.07 4.67 -0.50	75.74 4.29 -1.84	68.06 3.94 -1.35	75.22 3.05 -6.23	60.48 2.44 -6.53	77.88 2.56 -17.12	73.21 2.46 -17.86	47.52 1.82 -3.65	55.81 2.44 -5.49	45.06 2.51 -0.01	43.84 2.61 0.00	46.20 2.51 0.00
PORT_JEFF_4 23616	52.16 2.90 0.00	48.67 2.88 0.00	45.72 2.45 -2.42	51.35 2.92 0.00	43.45 2.56 0.00	37.79 2.56 0.00	39.57 2.48 -0.31	48.13 2.24 -8.30	40.29 2.20 -0.01	46.39 2.40 0.00	59.09 3.45 0.00	65.37 4.09 -0.05	66.07 4.67 -0.50	75.74 4.29 -1.84	68.06 3.94 -1.35	75.22 3.05 -6.23	60.48 2.44 -6.53	77.88 2.56 -17.12	73.21 2.46 -17.86	47.52 1.82 -3.65	55.81 2.44 -5.49	45.06 2.51 -0.01	43.84 2.61 0.00	46.20 2.51 0.00

PORT_JEFF_IC 23713	52.21 2.96 0.00	48.73 2.93 0.00	45.78 2.50 -2.42	51.41 2.97 0.00	43.50 2.62 0.00	37.85 2.61 0.00	39.64 2.54 -0.31	48.22 2.32 -8.30	40.36 2.27 -0.01	46.44 2.46 0.00	59.18 3.54 0.00	65.46 4.17 -0.05	66.19 4.79 -0.50	75.66 4.43 -1.62	68.00 4.07 -1.16	74.30 3.23 -5.13	59.96 2.61 -5.85	76.69 2.55 -15.93	72.24 2.54 -16.81	47.41 1.94 -3.42	55.93 2.56 -5.49	45.13 2.59 -0.01	43.90 2.66 0.00	46.27 2.57 0.00
PPL PILGRIM_ST_GT1 24216	52.51 3.25 0.00	49.03 3.24 0.00	46.03 2.76 -2.42	51.67 3.23 0.00	43.67 2.79 0.00	37.92 2.68 0.00	39.77 2.67 -0.31	48.41 2.51 -8.30	40.52 2.43 -0.01	46.70 2.72 0.00	59.53 3.90 0.00	65.86 4.58 -0.05	66.45 5.05 -0.50	76.11 4.81 -1.68	68.26 4.27 -1.21	75.14 3.75 -5.45	60.55 2.99 -6.05	78.06 3.57 -16.28	73.35 3.34 -17.12	48.20 2.67 -3.49	56.66 3.29 -5.49	45.64 3.10 -0.01	44.31 3.08 0.00	46.71 3.01 0.00
PPL PILGRIM_ST_GT2 24217	52.51 3.25 0.00	49.03 3.24 0.00	46.03 2.76 -2.42	51.67 3.23 0.00	43.67 2.79 0.00	37.92 2.68 0.00	39.77 2.67 -0.31	48.41 2.51 -8.30	40.52 2.43 -0.01	46.70 2.72 0.00	59.53 3.90 0.00	65.86 4.58 -0.05	66.45 5.05 -0.50	76.11 4.81 -1.68	68.26 4.27 -1.21	75.14 3.75 -5.45	60.55 2.99 -6.05	78.06 3.57 -16.28	73.35 3.34 -17.12	48.20 2.67 -3.49	56.66 3.29 -5.49	45.64 3.10 -0.01	44.31 3.08 0.00	46.71 3.01 0.00
PPL_SHRM_GT3 24213	52.50 3.25 0.00	48.98 3.18 0.00	46.01 2.73 -2.42	51.77 3.34 0.00	43.86 2.98 0.00	38.23 2.99 0.00	40.08 2.98 -0.31	48.66 2.77 -8.30	40.77 2.67 -0.01	46.72 2.74 0.00	59.41 3.78 0.00	65.71 4.43 -0.05	66.52 5.11 -0.50	76.37 4.98 -1.78	68.76 4.69 -1.30	75.72 3.85 -5.93	61.05 3.20 -6.34	78.46 3.46 -16.80	73.52 3.06 -17.58	47.66 2.02 -3.59	56.01 2.64 -5.49	45.20 2.65 -0.01	43.85 2.61 0.00	46.12 2.43 0.00
PPL_SHRM_GT4 24214	52.50 3.25 0.00	48.98 3.18 0.00	46.01 2.73 -2.42	51.77 3.34 0.00	43.86 2.98 0.00	38.23 2.99 0.00	40.08 2.98 -0.31	48.66 2.77 -8.30	40.77 2.67 -0.01	46.72 2.74 0.00	59.41 3.78 0.00	65.71 4.43 -0.05	66.52 5.11 -0.50	76.37 4.98 -1.78	68.76 4.69 -1.30	75.72 3.85 -5.93	61.05 3.20 -6.34	78.46 3.46 -16.80	73.52 3.06 -17.58	47.66 2.02 -3.59	56.01 2.64 -5.49	45.20 2.65 -0.01	43.85 2.61 0.00	46.12 2.43 0.00
PROJECT___ORANGE 1 24174	48.37 -0.88 0.00	44.88 -0.91 0.00	40.19 -0.90 -0.23	47.29 -1.13 0.00	39.98 -0.90 0.00	34.51 -0.73 0.00	36.04 -0.77 -0.03	37.57 -0.82 -0.80	37.27 -0.82 0.00	43.08 -0.90 0.00	54.43 -1.21 0.00	59.88 -1.36 0.00	59.56 -1.38 -0.04	68.36 -1.30 -0.06	61.69 -1.11 -0.03	64.84 -1.10 0.00	50.90 -0.87 -0.26	58.20 -1.00 -1.00	52.99 -1.05 -1.15	41.47 -0.80 -0.22	47.44 -0.97 -0.53	41.63 -0.90 0.00	40.40 -0.84 0.00	42.81 -0.88 0.00
PROJECT___ORANGE 2 24166	48.37 -0.88 0.00	44.88 -0.91 0.00	40.19 -0.90 -0.23	47.29 -1.13 0.00	39.98 -0.90 0.00	34.51 -0.73 0.00	36.04 -0.77 -0.03	37.57 -0.82 -0.80	37.27 -0.82 0.00	43.08 -0.90 0.00	54.43 -1.21 0.00	59.88 -1.36 0.00	59.56 -1.38 -0.04	68.36 -1.30 -0.06	61.69 -1.11 -0.03	64.84 -1.10 0.00	50.90 -0.87 -0.26	58.20 -1.00 -1.00	52.99 -1.05 -1.15	41.47 -0.80 -0.22	47.44 -0.97 -0.53	41.63 -0.90 0.00	40.40 -0.84 0.00	42.81 -0.88 0.00
PUCKETT___SOLAR 323809	49.97 0.72 0.00	46.35 0.56 0.00	42.05 0.36 -0.83	48.78 0.35 0.00	41.21 0.33 0.00	35.39 0.15 0.00	36.97 0.08 -0.11	40.50 0.03 -2.88	38.18 0.09 0.00	44.13 0.15 0.00	55.92 0.27 0.00	61.49 0.24 -0.02	61.12 0.07 -0.16	69.80 -0.01 -0.20	62.70 -0.17 -0.09	65.85 -0.08 0.00	52.36 -0.07 -0.92	61.90 0.12 -3.58	57.08 0.09 -4.10	42.95 0.10 -0.79	49.71 -0.06 -1.89	42.40 -0.14 0.00	41.19 -0.05 0.00	43.71 0.01 0.00
PYRITES___HYD 24023	50.64 1.38 0.00	46.09 0.29 0.00	41.99 1.09 -0.04	50.15 1.72 0.00	42.29 1.41 0.00	36.18 0.94 0.00	37.32 0.53 -0.01	38.69 0.94 -0.15	39.32 1.24 0.00	46.09 2.11 0.00	58.20 2.56 0.00	63.65 2.42 0.00	63.46 2.55 -0.01	71.89 2.26 -0.01	64.69 1.91 -0.01	68.09 2.16 0.00	53.01 1.46 -0.05	60.22 1.82 -0.19	54.63 1.53 -0.22	43.41 1.32 -0.04	49.41 1.43 -0.10	44.23 1.70 0.00	43.25 2.01 0.00	46.52 2.83 0.00
QUAKERRD_115KV_BK1 80622	47.51 -1.75 0.00	43.84 -1.96 0.00	39.00 -2.12 -0.27	45.80 -2.63 0.00	38.77 -2.11 0.00	33.47 -1.77 0.00	34.98 -1.84 -0.04	36.49 -2.00 -0.90	36.09 -1.99 0.00	41.86 -2.12 0.00	52.65 -2.99 0.00	57.83 -3.40 0.00	57.35 -3.60 -0.05	65.84 -3.84 -0.07	59.32 -3.48 -0.03	62.59 -3.35 0.00	49.10 -2.70 -0.30	56.44 -2.91 -1.15	51.39 -2.82 -1.32	40.27 -2.03 -0.25	46.04 -2.44 -0.61	40.53 -2.00 0.00	39.53 -1.71 0.00	42.13 -1.57 0.00
QUENSBRY_115KV_TB8 356137	53.19 3.94 0.00	49.32 3.53 0.00	47.11 3.14 -3.11	52.14 3.71 -0.01	44.05 3.17 0.00	38.00 2.76 0.00	40.23 3.04 -0.40	51.50 3.22 -10.70	41.41 3.32 -0.01	47.83 3.84 0.00	60.76 5.12 0.00	66.97 5.67 -0.06	66.98 5.49 -0.59	76.19 5.82 -0.76	68.49 5.38 -0.34	71.69 5.75 0.00	59.54 4.60 -3.44	76.71 5.12 -13.39	72.69 4.48 -15.33	48.63 3.62 -2.97	58.98 4.03 -7.07	46.05 3.50 -0.01	44.55 3.30 0.00	47.14 3.44 0.00
RAMAPO___LBMP 323565	51.31 2.06 0.00	47.78 1.98 0.00	44.82 1.64 -2.33	50.34 1.91 0.00	42.46 1.58 0.00	36.73 1.49 0.00	38.72 1.63 -0.30	47.35 1.77 -7.99	39.74 1.64 -0.01	45.73 1.74 0.00	57.98 2.34 0.00	64.00 2.72 -0.05	64.18 2.83 -0.44	73.06 2.88 -0.57	65.50 2.47 -0.25	68.36 2.42 0.00	56.13 2.05 -2.57	70.66 2.46 -10.00	66.71 2.37 -11.45	46.11 1.84 -2.22	55.36 2.19 -5.28	44.46 1.91 -0.01	42.99 1.75 0.00	45.42 1.73 0.00
RANKINE____ 23646	48.60 -0.65 0.00	44.57 -1.23 0.00	39.40 -1.87 -0.41	45.97 -2.45 0.00	38.97 -1.91 0.00	33.47 -1.77 0.00	34.98 -1.86 -0.05	36.85 -2.17 -1.43	35.97 -2.11 0.00	41.80 -2.18 0.00	52.22 -3.42 0.00	57.11 -4.13 -0.01	56.24 -4.74 -0.08	64.48 -5.23 -0.10	58.13 -4.69 -0.05	61.55 -4.38 0.00	48.20 -3.76 -0.45	56.02 -3.95 -1.77	50.16 -3.83 -1.10	40.00 -2.45 -0.39	45.89 -2.93 -0.94	40.33 -2.20 0.00	39.71 -1.53 0.00	42.73 -0.96 0.00
RAVENSWOOD_GT2_1 24244	51.85 2.60 0.00	48.23 2.44 0.00	45.33 2.05 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.79 -0.59	66.30 3.26 -0.26	69.14 3.20 0.00	56.87 2.70 -2.67	71.77 3.18 -10.39	67.84 3.05 -11.90	46.75 2.40 -2.31	56.19 2.82 -5.49	45.06 2.51 -0.01	43.55 2.30 0.00	45.93 2.24 0.00
RAVENSWOOD_GT2_2 24245	51.85 2.60 0.00	48.23 2.44 0.00	45.33 2.05 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.79 -0.59	66.30 3.26 -0.26	69.14 3.20 0.00	56.87 2.70 -2.67	71.77 3.18 -10.39	67.84 3.05 -11.90	46.75 2.40 -2.31	56.19 2.82 -5.49	45.06 2.51 -0.01	43.55 2.30 0.00	45.93 2.24 0.00

RAVENSWOOD_GT2_3 24246	51.87 2.62 0.00	48.24 2.45 0.00	45.35 2.07 -2.42	50.83 2.39 0.00	42.88 2.00 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.08 2.19 -8.30	40.21 2.11 -0.01	46.31 2.33 0.00	58.76 3.12 0.00	64.88 3.60 -0.05	65.10 3.74 -0.46	74.04 3.84 -0.59	66.33 3.29 -0.26	69.16 3.22 0.00	56.90 2.73 -2.67	71.79 3.20 -10.39	67.87 3.09 -11.90	46.77 2.42 -2.31	56.22 2.85 -5.49	45.08 2.54 -0.01	43.56 2.32 0.00	45.94 2.25 0.00
RAVENSWOOD_GT2_4 24247	51.87 2.62 0.00	48.24 2.45 0.00	45.35 2.07 -2.42	50.83 2.39 0.00	42.88 2.00 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.08 2.19 -8.30	40.21 2.11 -0.01	46.31 2.33 0.00	58.76 3.12 0.00	64.88 3.60 -0.05	65.10 3.74 -0.46	74.04 3.84 -0.59	66.33 3.29 -0.26	69.16 3.22 0.00	56.90 2.73 -2.67	71.79 3.20 -10.39	67.87 3.09 -11.90	46.77 2.42 -2.31	56.22 2.85 -5.49	45.08 2.54 -0.01	43.56 2.32 0.00	45.94 2.25 0.00
RAVENSWOOD_GT3_1 24248	51.86 2.60 0.00	48.23 2.44 0.00	45.33 2.05 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.79 -0.59	66.31 3.27 -0.26	69.14 3.21 0.00	56.88 2.70 -2.67	71.78 3.19 -10.39	67.84 3.05 -11.90	46.75 2.40 -2.31	56.19 2.82 -5.49	45.06 2.51 -0.01	43.55 2.31 0.00	45.93 2.24 0.00
RAVENSWOOD_GT3_2 24249	51.86 2.60 0.00	48.23 2.44 0.00	45.33 2.05 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.79 -0.59	66.31 3.27 -0.26	69.14 3.21 0.00	56.88 2.70 -2.67	71.78 3.19 -10.39	67.84 3.05 -11.90	46.75 2.40 -2.31	56.19 2.82 -5.49	45.06 2.51 -0.01	43.55 2.31 0.00	45.93 2.24 0.00
RAVENSWOOD_GT3_3 24250	51.92 2.67 0.00	48.29 2.49 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.90 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.22 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.17 3.81 -0.46	74.11 3.91 -0.59	66.41 3.37 -0.26	69.23 3.30 0.00	56.96 2.79 -2.67	71.86 3.27 -10.39	67.93 3.15 -11.90	46.82 2.46 -2.31	56.27 2.90 -5.49	45.13 2.58 -0.01	43.60 2.36 0.00	45.98 2.29 0.00
RAVENSWOOD_GT3_4 24251	51.92 2.67 0.00	48.29 2.49 0.00	45.38 2.11 -2.42	50.86 2.43 0.00	42.90 2.03 0.00	37.13 1.89 0.00	39.16 2.06 -0.31	48.12 2.22 -8.30	40.25 2.15 -0.01	46.36 2.37 0.00	58.81 3.17 0.00	64.94 3.66 -0.05	65.17 3.81 -0.46	74.11 3.91 -0.59	66.41 3.37 -0.26	69.23 3.30 0.00	56.96 2.79 -2.67	71.86 3.27 -10.39	67.93 3.15 -11.90	46.82 2.46 -2.31	56.27 2.90 -5.49	45.13 2.58 -0.01	43.60 2.36 0.00	45.98 2.29 0.00
RAVENSWOOD_GT_1 23729	51.95 2.70 0.00	48.33 2.53 0.00	45.41 2.14 -2.42	50.90 2.47 0.00	42.93 2.05 0.00	37.15 1.91 0.00	39.19 2.10 -0.31	48.15 2.26 -8.30	40.27 2.18 -0.01	46.39 2.40 0.00	58.84 3.20 0.00	64.98 3.70 -0.05	65.20 3.84 -0.46	74.13 3.93 -0.59	66.39 3.35 -0.26	69.18 3.24 0.00	56.94 2.77 -2.67	71.81 3.22 -10.39	67.90 3.11 -11.90	46.79 2.44 -2.31	56.25 2.88 -5.49	45.15 2.60 -0.01	43.64 2.40 0.00	46.02 2.32 0.00
RAVENSWOOD_GT_10 24258	51.85 2.60 0.00	48.23 2.44 0.00	45.33 2.05 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.79 -0.59	66.31 3.27 -0.26	69.15 3.21 0.00	56.88 2.70 -2.67	71.78 3.19 -10.39	67.84 3.05 -11.90	46.76 2.40 -2.31	56.19 2.83 -5.49	45.06 2.51 -0.01	43.55 2.30 0.00	45.93 2.24 0.00
RAVENSWOOD_GT_11 24259	51.85 2.60 0.00	48.23 2.44 0.00	45.33 2.05 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.79 -0.59	66.31 3.27 -0.26	69.15 3.21 0.00	56.88 2.70 -2.67	71.78 3.19 -10.39	67.84 3.05 -11.90	46.76 2.40 -2.31	56.19 2.83 -5.49	45.06 2.51 -0.01	43.55 2.30 0.00	45.93 2.24 0.00
RAVENSWOOD_GT_4 24252	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.80 -0.59	66.29 3.25 -0.26	69.13 3.20 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.84 3.05 -11.90	46.75 2.39 -2.31	56.19 2.83 -5.49	45.07 2.52 -0.01	43.55 2.31 0.00	45.93 2.24 0.00
RAVENSWOOD_GT_5 24254	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.80 -0.59	66.29 3.25 -0.26	69.13 3.20 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.84 3.05 -11.90	46.75 2.39 -2.31	56.19 2.83 -5.49	45.07 2.52 -0.01	43.55 2.31 0.00	45.93 2.24 0.00
RAVENSWOOD_GT_6 24253	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.80 -0.59	66.29 3.25 -0.26	69.13 3.20 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.84 3.05 -11.90	46.75 2.39 -2.31	56.19 2.83 -5.49	45.07 2.52 -0.01	43.55 2.31 0.00	45.93 2.24 0.00
RAVENSWOOD_GT_7 24255	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.80 -0.59	66.29 3.25 -0.26	69.13 3.20 0.00	56.87 2.70 -2.67	71.76 3.17 -10.39	67.84 3.05 -11.90	46.75 2.39 -2.31	56.19 2.83 -5.49	45.07 2.52 -0.01	43.55 2.31 0.00	45.93 2.24 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.85 2.60 0.00	48.23 2.44 0.00	45.33 2.05 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.79 -0.59	66.31 3.27 -0.26	69.15 3.21 0.00	56.88 2.70 -2.67	71.78 3.19 -10.39	67.84 3.05 -11.90	46.76 2.40 -2.31	56.19 2.83 -5.49	45.06 2.51 -0.01	43.55 2.30 0.00	45.93 2.24 0.00
RAVENSWOOD_GT_9 24257	51.85 2.60 0.00	48.23 2.44 0.00	45.33 2.05 -2.42	50.81 2.37 0.00	42.85 1.97 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.07 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.73 3.09 0.00	64.85 3.57 -0.05	65.07 3.70 -0.46	74.00 3.79 -0.59	66.31 3.27 -0.26	69.15 3.21 0.00	56.88 2.70 -2.67	71.78 3.19 -10.39	67.84 3.05 -11.90	46.76 2.40 -2.31	56.19 2.83 -5.49	45.06 2.51 -0.01	43.55 2.30 0.00	45.93 2.24 0.00

RAVENSWOOD___1 23533	51.88 2.62 0.00	48.24 2.45 0.00	45.34 2.07 -2.42	50.82 2.39 0.00	42.86 1.99 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.08 2.19 -8.30	40.21 2.12 -0.01	46.32 2.33 0.00	58.75 3.11 0.00	64.88 3.60 -0.05	65.10 3.74 -0.46	74.00 3.80 -0.59	66.30 3.26 -0.26	69.12 3.18 0.00	56.88 2.70 -2.67	71.75 3.16 -10.39	67.85 3.06 -11.90	46.76 2.40 -2.31	56.20 2.83 -5.49	45.10 2.55 -0.01	43.57 2.33 0.00	45.93 2.24 0.00
RAVENSWOOD___2 23534	51.88 2.62 0.00	48.24 2.45 0.00	45.34 2.07 -2.42	50.82 2.39 0.00	42.86 1.99 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.08 2.19 -8.30	40.21 2.12 -0.01	46.32 2.33 0.00	58.75 3.11 0.00	64.88 3.60 -0.05	65.10 3.74 -0.46	74.00 3.80 -0.59	66.30 3.26 -0.26	69.12 3.18 0.00	56.88 2.70 -2.67	71.75 3.16 -10.39	67.85 3.06 -11.90	46.76 2.40 -2.31	56.20 2.83 -5.49	45.10 2.55 -0.01	43.57 2.33 0.00	45.93 2.24 0.00
RAVENSWOOD___3 23535	51.85 2.60 0.00	48.23 2.43 0.00	45.33 2.06 -2.42	50.80 2.37 0.00	42.85 1.98 0.00	37.08 1.84 0.00	39.12 2.02 -0.31	48.06 2.17 -8.30	40.19 2.10 -0.01	46.29 2.31 0.00	58.72 3.09 0.00	64.86 3.58 -0.05	65.07 3.70 -0.46	73.99 3.79 -0.59	66.31 3.27 -0.26	69.15 3.21 0.00	56.88 2.70 -2.67	71.77 3.19 -10.39	67.84 3.06 -11.90	46.77 2.41 -2.31	56.20 2.83 -5.49	45.06 2.52 -0.01	43.55 2.31 0.00	45.93 2.24 0.00
RAVENSWOOD___4 23820	51.88 2.62 0.00	48.24 2.45 0.00	45.34 2.07 -2.42	50.82 2.39 0.00	42.86 1.99 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.08 2.19 -8.30	40.21 2.12 -0.01	46.32 2.33 0.00	58.75 3.11 0.00	64.88 3.60 -0.05	65.10 3.74 -0.46	74.00 3.80 -0.59	66.30 3.26 -0.26	69.12 3.18 0.00	56.88 2.70 -2.67	71.75 3.16 -10.39	67.85 3.06 -11.90	46.76 2.40 -2.31	56.20 2.83 -5.49	45.10 2.55 -0.01	43.57 2.33 0.00	45.93 2.24 0.00
RCPL_TRUST___DRP 24196	51.88 2.63 0.00	48.28 2.48 0.00	45.36 2.09 -2.42	50.85 2.41 0.00	42.89 2.01 0.00	37.11 1.87 0.00	39.15 2.05 -0.31	48.09 2.20 -8.30	40.22 2.12 -0.01	46.32 2.33 0.00	58.77 3.13 0.00	64.89 3.61 -0.05	65.12 3.75 -0.46	74.06 3.86 -0.59	66.36 3.31 -0.26	69.19 3.26 0.00	56.92 2.74 -2.67	71.82 3.23 -10.39	67.88 3.09 -11.89	46.77 2.42 -2.31	56.22 2.85 -5.49	45.06 2.52 -0.01	43.53 2.29 0.00	45.92 2.23 0.00
RED___ROCHESTER 323720	49.03 -0.22 0.00	45.15 -0.64 0.00	40.08 -1.07 -0.29	47.03 -1.40 0.00	39.84 -1.04 0.00	34.37 -0.87 0.00	35.92 -0.90 -0.04	37.49 -1.06 -0.95	37.06 -1.03 0.00	43.06 -0.93 0.00	54.08 -1.56 0.00	59.35 -1.89 -0.01	58.84 -2.12 -0.05	67.59 -2.09 -0.07	60.91 -1.90 -0.03	64.29 -1.65 0.00	50.46 -1.36 -0.32	58.13 -1.32 -1.24	52.50 -1.40 -1.01	41.49 -0.83 -0.28	47.42 -1.11 -0.66	41.75 -0.79 0.00	40.76 -0.48 0.00	43.48 -0.22 0.00
REGAN___SOLAR 323812	51.03 1.78 0.00	47.34 1.54 0.00	45.61 1.37 -3.38	50.08 1.64 -0.01	42.26 1.38 0.00	36.44 1.20 0.00	38.53 1.31 -0.44	50.60 1.39 -11.61	39.53 1.44 -0.01	45.57 1.58 0.00	57.90 2.26 0.00	63.65 2.35 -0.07	63.63 2.08 -0.65	72.44 2.01 -0.82	65.37 2.22 -0.37	68.61 2.67 0.00	57.45 2.21 -3.74	75.36 2.62 -14.53	71.91 2.38 -16.64	47.00 1.72 -3.23	57.43 1.87 -7.68	44.12 1.57 -0.01	42.61 1.37 0.00	45.13 1.44 0.00
RENSSELAER___COGEN 23796	50.21 0.96 0.00	46.91 1.12 0.00	44.86 1.01 -2.99	49.63 1.19 0.00	41.92 1.03 0.00	36.15 0.91 0.00	38.13 0.96 -0.39	48.79 0.93 -10.27	39.05 0.95 -0.01	44.99 1.00 0.00	56.91 1.27 0.00	62.70 1.41 -0.06	62.87 1.40 -0.57	71.81 1.47 -0.73	64.40 1.30 -0.32	67.27 1.34 0.00	55.93 1.12 -3.31	72.33 1.26 -12.86	68.86 1.25 -14.72	45.97 1.07 -2.86	55.85 1.18 -6.80	43.61 1.06 -0.01	42.19 0.95 0.00	44.66 0.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	56.02 6.77 0.00	51.45 5.65 0.00	48.99 5.02 -3.11	54.35 5.92 -0.01	46.06 5.18 0.00	39.71 4.47 0.00	42.21 5.02 -0.40	53.85 5.57 -10.69	43.69 5.59 -0.01	50.38 6.40 0.00	64.36 8.72 0.00	70.93 9.63 -0.06	70.66 9.17 -0.59	79.98 9.61 -0.76	72.36 9.25 -0.34	76.09 10.16 0.00	63.02 8.08 -3.44	80.50 8.92 -13.38	75.64 7.43 -15.32	51.07 6.05 -2.97	61.33 6.38 -7.07	48.18 5.63 -0.01	46.52 5.28 0.00	49.29 5.59 0.00
REVERE_CPPR_DRP 24186	50.69 1.43 0.00	47.03 1.24 0.00	42.16 1.18 -0.13	49.84 1.41 0.00	42.06 1.18 0.00	36.24 1.00 0.00	37.83 1.03 -0.02	39.03 1.01 -0.43	39.29 1.21 0.00	45.61 1.62 0.00	57.78 2.14 0.00	63.55 2.32 0.00	63.28 2.35 -0.03	72.34 2.69 -0.03	65.22 2.43 -0.01	68.33 2.39 0.00	53.52 1.88 -0.14	60.79 2.05 -0.54	55.33 1.82 -0.62	43.48 1.31 -0.12	49.75 1.58 -0.29	43.61 1.07 0.00	42.20 0.96 0.00	44.74 1.04 0.00
REYNLDPA_13_KV_LD 356490	49.73 0.47 0.00	45.32 -0.47 0.00	41.27 0.42 0.00	49.32 0.89 0.00	41.61 0.73 0.00	35.76 0.52 0.00	37.11 0.33 0.00	38.36 0.77 0.00	39.05 0.97 0.00	45.65 1.67 0.00	57.58 1.94 0.00	63.10 1.87 0.00	62.97 2.07 0.00	71.17 1.56 0.00	64.08 1.30 0.00	67.48 1.54 0.00	52.67 1.17 0.00	59.67 1.47 0.00	54.07 1.18 0.00	43.18 1.13 0.00	48.88 1.00 0.00	43.88 1.34 0.00	42.73 1.49 0.00	45.87 2.18 0.00
REYNOLDS_115KV_TB3 80639	50.48 1.22 0.00	47.14 1.35 0.00	45.08 1.23 -3.00	49.87 1.44 0.00	42.11 1.23 0.00	36.30 1.07 0.00	38.29 1.12 -0.39	49.00 1.10 -10.31	39.19 1.09 -0.01	45.17 1.19 0.00	57.16 1.52 0.00	62.98 1.69 -0.06	63.18 1.70 -0.57	72.16 1.81 -0.73	64.70 1.60 -0.33	67.57 1.64 0.00	56.16 1.34 -3.32	72.64 1.53 -12.91	69.17 1.50 -14.78	46.16 1.25 -2.87	56.11 1.41 -6.82	43.80 1.25 -0.01	42.38 1.14 0.00	44.87 1.18 0.00
RIVERBAY____ 323610	52.73 3.48 0.00	49.04 3.24 0.00	46.04 2.77 -2.42	51.66 3.22 0.00	43.59 2.71 0.00	37.73 2.49 0.00	39.80 2.70 -0.31	48.78 2.89 -8.30	40.95 2.86 -0.01	47.12 3.14 0.00	59.75 4.11 0.00	65.98 4.70 -0.05	66.17 4.81 -0.46	75.26 5.06 -0.59	67.37 4.33 -0.26	70.26 4.32 0.00	57.79 3.62 -2.67	72.83 4.23 -10.39	68.83 4.04 -11.90	47.49 3.13 -2.31	57.06 3.69 -5.49	45.84 3.30 -0.01	44.24 3.00 0.00	46.65 2.95 0.00
RIVERSDE_115KV_TB3 55908	50.40 1.15 0.00	47.07 1.28 0.00	45.02 1.16 -3.01	49.79 1.36 0.00	42.04 1.17 0.00	36.26 1.02 0.00	38.25 1.08 -0.39	48.97 1.06 -10.32	39.16 1.07 -0.01	45.12 1.14 0.00	57.10 1.46 0.00	62.91 1.62 -0.06	63.12 1.64 -0.57	72.07 1.72 -0.73	64.64 1.53 -0.33	67.51 1.57 0.00	56.13 1.30 -3.32	72.59 1.47 -12.92	69.13 1.45 -14.79	46.13 1.21 -2.87	56.07 1.36 -6.83	43.75 1.20 -0.01	42.33 1.09 0.00	44.82 1.13 0.00
ROARING___BROOK_WT_PWR 323790	48.81 -0.45 0.00	45.05 -0.74 0.00	40.67 -0.19 0.00	48.48 0.05 0.00	40.87 -0.01 0.00	35.08 -0.16 0.00	36.50 -0.29 0.00	37.27 -0.32 0.00	37.99 -0.10 0.00	44.23 0.25 0.00	56.06 0.42 0.00	61.51 0.28 0.00	61.18 0.27 0.00	69.39 -0.22 0.00	62.42 -0.35 0.00	65.52 -0.42 0.00	51.09 -0.41 0.00	57.94 -0.26 0.00	52.54 -0.35 0.00	41.56 -0.49 0.00	47.27 -0.61 0.00	42.25 -0.29 0.00	41.13 -0.11 0.00	43.79 0.10 0.00

ROCHESRG_115KV_T4 355643	48.48 -0.77 0.00	44.67 -1.13 0.00	39.66 -1.48 -0.29	46.55 -1.88 0.00	39.42 -1.46 0.00	34.00 -1.24 0.00	35.53 -1.29 -0.04	37.07 -1.47 -0.95	36.61 -1.48 0.00	42.51 -1.47 0.00	53.38 -2.26 0.00	58.57 -2.67 -0.01	58.06 -2.89 -0.05	66.66 -3.02 -0.07	60.07 -2.74 -0.03	63.41 -2.53 0.00	49.73 -2.09 -0.31	57.24 -2.19 -1.23	51.74 -2.16 -1.00	40.89 -1.43 -0.27	46.76 -1.77 -0.65	41.19 -1.34 0.00	40.26 -0.98 0.00	42.98 -0.71 0.00
ROCHESTER_9_IC 23652	48.83 -0.42 0.00	44.98 -0.81 0.00	39.93 -1.21 -0.29	46.86 -1.57 0.00	39.68 -1.20 0.00	34.23 -1.01 0.00	35.79 -1.04 -0.04	37.33 -1.21 -0.96	36.89 -1.19 0.00	42.85 -1.14 0.00	53.82 -1.82 0.00	59.05 -2.19 -0.01	58.54 -2.42 -0.05	67.23 -2.45 -0.07	60.59 -2.22 -0.03	63.95 -1.99 0.00	50.21 -1.62 -0.32	57.79 -1.66 -1.24	52.22 -1.68 -1.01	41.27 -1.05 -0.28	47.17 -1.37 -0.66	41.54 -1.00 0.00	40.58 -0.66 0.00	43.30 -0.39 0.00
ROCKVIEW_13_KV_LD 356306	51.88 2.63 0.00	48.29 2.49 0.00	45.38 2.10 -2.42	50.87 2.44 0.00	42.92 2.04 0.00	37.12 1.88 0.00	39.14 2.05 -0.31	48.07 2.18 -8.30	40.19 2.10 -0.01	46.30 2.31 0.00	58.73 3.09 0.00	64.86 3.58 -0.05	65.08 3.72 -0.46	74.05 3.84 -0.59	66.36 3.31 -0.26	69.22 3.28 0.00	56.90 2.73 -2.67	71.83 3.24 -10.39	67.89 3.11 -11.90	46.79 2.44 -2.31	56.23 2.86 -5.49	45.08 2.54 -0.01	43.57 2.33 0.00	45.98 2.29 0.00
ROME____115KV_TB2 80656	50.69 1.43 0.00	47.03 1.24 0.00	42.16 1.18 -0.13	49.84 1.41 0.00	42.06 1.18 0.00	36.24 1.00 0.00	37.83 1.03 -0.02	39.03 1.01 -0.43	39.29 1.21 0.00	45.61 1.62 0.00	57.78 2.14 0.00	63.55 2.32 0.00	63.28 2.35 -0.03	72.34 2.69 -0.03	65.22 2.43 -0.01	68.33 2.39 0.00	53.52 1.88 -0.14	60.79 2.05 -0.54	55.33 1.82 -0.62	43.48 1.31 -0.12	49.75 1.58 -0.29	43.61 1.07 0.00	42.20 0.96 0.00	44.74 1.04 0.00
ROSETON___1 23587	51.20 1.95 0.00	47.68 1.89 0.00	44.88 1.61 -2.42	50.31 1.88 0.00	42.43 1.55 0.00	36.65 1.41 0.00	38.64 1.54 -0.31	47.56 1.66 -8.31	39.67 1.57 -0.01	45.69 1.70 0.00	57.92 2.28 0.00	63.92 2.64 -0.05	64.11 2.75 -0.46	73.01 2.81 -0.59	65.45 2.41 -0.26	68.31 2.37 0.00	56.16 1.98 -2.67	70.96 2.36 -10.40	67.08 2.28 -11.90	46.15 1.79 -2.31	55.50 2.12 -5.49	44.41 1.86 -0.01	42.94 1.70 0.00	45.36 1.67 0.00
ROSETON___2 23588	51.20 1.95 0.00	47.68 1.89 0.00	44.88 1.61 -2.42	50.31 1.88 0.00	42.43 1.55 0.00	36.65 1.41 0.00	38.64 1.54 -0.31	47.56 1.66 -8.31	39.67 1.57 -0.01	45.69 1.70 0.00	57.92 2.28 0.00	63.92 2.64 -0.05	64.11 2.75 -0.46	73.01 2.81 -0.59	65.45 2.41 -0.26	68.31 2.37 0.00	56.16 1.98 -2.67	70.96 2.36 -10.40	67.08 2.28 -11.90	46.15 1.79 -2.31	55.50 2.12 -5.49	44.41 1.86 -0.01	42.94 1.70 0.00	45.36 1.67 0.00
ROTRDAM_115KV_TB3 80664	50.70 1.45 0.00	47.22 1.42 0.00	45.28 1.28 -3.15	49.98 1.55 -0.01	42.15 1.26 0.00	36.31 1.07 0.00	38.35 1.16 -0.41	49.60 1.20 -10.81	39.31 1.21 -0.01	45.36 1.37 0.00	57.46 1.83 0.00	63.32 2.03 -0.06	63.51 2.01 -0.60	72.50 2.12 -0.77	65.04 1.93 -0.34	67.98 2.04 0.00	56.61 1.62 -3.48	73.59 1.86 -13.53	70.12 1.75 -15.49	46.44 1.38 -3.00	56.61 1.58 -7.15	43.92 1.37 -0.01	42.52 1.28 0.00	45.01 1.31 0.00
RUSSELL___1 23602	49.03 -0.22 0.00	45.15 -0.64 0.00	40.07 -1.07 -0.29	47.03 -1.40 0.00	39.84 -1.04 0.00	34.37 -0.87 0.00	35.92 -0.90 -0.04	37.49 -1.06 -0.95	37.06 -1.03 0.00	43.06 -0.93 0.00	54.08 -1.56 0.00	59.35 -1.89 -0.01	58.84 -2.12 -0.05	67.60 -2.09 -0.07	60.91 -1.90 -0.03	64.29 -1.65 0.00	50.49 -1.34 -0.32	58.13 -1.31 -1.24	52.50 -1.40 -1.01	41.51 -0.82 -0.28	47.42 -1.11 -0.66	41.75 -0.79 0.00	40.77 -0.48 0.00	43.47 -0.22 0.00
RUSSELL___2 23532	49.03 -0.22 0.00	45.15 -0.64 0.00	40.07 -1.07 -0.29	47.03 -1.40 0.00	39.84 -1.04 0.00	34.37 -0.87 0.00	35.92 -0.90 -0.04	37.49 -1.06 -0.95	37.06 -1.03 0.00	43.06 -0.93 0.00	54.08 -1.56 0.00	59.35 -1.89 -0.01	58.84 -2.12 -0.05	67.60 -2.09 -0.07	60.91 -1.90 -0.03	64.29 -1.65 0.00	50.49 -1.34 -0.32	58.13 -1.31 -1.24	52.50 -1.40 -1.01	41.51 -0.82 -0.28	47.42 -1.11 -0.66	41.75 -0.79 0.00	40.77 -0.48 0.00	43.47 -0.22 0.00
RUSSELL___3 23549	49.03 -0.22 0.00	45.15 -0.64 0.00	40.07 -1.07 -0.29	47.03 -1.40 0.00	39.84 -1.04 0.00	34.37 -0.87 0.00	35.92 -0.90 -0.04	37.49 -1.06 -0.95	37.06 -1.03 0.00	43.06 -0.93 0.00	54.08 -1.56 0.00	59.35 -1.89 -0.01	58.84 -2.12 -0.05	67.60 -2.09 -0.07	60.91 -1.90 -0.03	64.29 -1.65 0.00	50.49 -1.34 -0.32	58.13 -1.31 -1.24	52.50 -1.40 -1.01	41.51 -0.82 -0.28	47.42 -1.11 -0.66	41.75 -0.79 0.00	40.77 -0.48 0.00	43.47 -0.22 0.00
RUSSELL___4 23556	49.03 -0.22 0.00	45.15 -0.64 0.00	40.07 -1.07 -0.29	47.03 -1.40 0.00	39.84 -1.04 0.00	34.37 -0.87 0.00	35.92 -0.90 -0.04	37.49 -1.06 -0.95	37.06 -1.03 0.00	43.06 -0.93 0.00	54.08 -1.56 0.00	59.35 -1.89 -0.01	58.84 -2.12 -0.05	67.60 -2.09 -0.07	60.91 -1.90 -0.03	64.29 -1.65 0.00	50.49 -1.34 -0.32	58.13 -1.31 -1.24	52.50 -1.40 -1.01	41.51 -0.82 -0.28	47.42 -1.11 -0.66	41.75 -0.79 0.00	40.77 -0.48 0.00	43.47 -0.22 0.00
RUSSELL___STATION 23914	49.03 -0.22 0.00	45.15 -0.64 0.00	40.07 -1.07 -0.29	47.03 -1.40 0.00	39.84 -1.04 0.00	34.37 -0.87 0.00	35.92 -0.90 -0.04	37.49 -1.06 -0.95	37.06 -1.03 0.00	43.06 -0.93 0.00	54.08 -1.56 0.00	59.35 -1.89 -0.01	58.84 -2.12 -0.05	67.60 -2.09 -0.07	60.91 -1.90 -0.03	64.29 -1.65 0.00	50.49 -1.34 -0.32	58.13 -1.31 -1.24	52.50 -1.40 -1.01	41.51 -0.82 -0.28	47.42 -1.11 -0.66	41.75 -0.79 0.00	40.77 -0.48 0.00	43.47 -0.22 0.00
S SALMON___HYD 24043	48.40 -0.86 0.00	44.73 -1.07 0.00	40.11 -0.93 -0.18	47.39 -1.04 0.00	39.98 -0.90 0.00	34.41 -0.82 0.00	35.78 -1.02 -0.02	37.07 -1.15 -0.62	37.09 -0.99 0.00	43.25 -0.74 0.00	54.79 -0.85 0.00	60.28 -0.96 0.00	60.04 -0.90 -0.03	68.71 -0.95 -0.04	61.83 -0.97 -0.02	64.73 -1.21 0.00	50.65 -1.06 -0.20	57.79 -1.19 -0.78	52.72 -1.06 -0.89	41.23 -0.99 -0.17	47.38 -0.91 -0.41	41.38 -1.15 0.00	40.15 -1.09 0.00	42.56 -1.14 0.00
S.PERRY__115KV_TB1 80734	50.35 1.10 0.00	46.25 0.45 0.00	41.10 -0.21 -0.44	47.96 -0.47 0.00	40.59 -0.29 0.00	34.93 -0.31 0.00	36.56 -0.28 -0.06	40.16 0.59 -1.98	38.86 0.77 0.00	45.14 1.15 0.00	56.07 0.43 0.00	60.79 -0.45 -0.01	58.72 -2.28 -0.10	67.15 -2.57 -0.11	60.82 -2.00 -0.05	64.53 -1.41 0.00	50.87 -1.12 -0.49	59.33 -0.78 -1.91	52.50 -0.93 -0.54	42.08 -0.39 -0.42	48.19 -0.70 -1.01	42.06 -0.48 0.00	41.04 -0.20 0.00	43.74 0.05 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	48.17 -1.08 0.00	44.17 -1.63 0.00	39.01 -2.24 -0.39	45.56 -2.87 0.00	38.62 -2.26 0.00	33.22 -2.02 0.00	34.71 -2.12 -0.05	36.47 -2.48 -1.35	35.63 -2.46 0.00	41.44 -2.54 0.00	51.76 -3.88 0.00	56.66 -4.58 -0.01	55.87 -5.11 -0.08	64.05 -5.66 -0.10	57.71 -5.11 -0.04	61.11 -4.83 0.00	47.80 -4.14 -0.43	55.47 -4.42 -1.68	49.77 -4.20 -1.08	39.68 -2.74 -0.37	45.48 -3.28 -0.89	40.08 -2.46 0.00	39.50 -1.74 0.00	42.52 -1.17 0.00

SAWYER___23_KV_LOAD 55526	48.17 -1.08 0.00	44.17 -1.63 0.00	39.01 -2.24 -0.39	45.56 -2.87 0.00	38.62 -2.26 0.00	33.22 -2.02 0.00	34.71 -2.12 -0.05	36.47 -2.48 -1.35	35.63 -2.46 0.00	41.44 -2.54 0.00	51.76 -3.88 0.00	56.66 -4.58 -0.01	55.87 -5.11 -0.08	64.05 -5.66 -0.10	57.71 -5.11 -0.04	61.11 -4.83 0.00	47.80 -4.14 -0.43	55.47 -4.42 -1.68	49.77 -4.20 -1.08	39.68 -2.74 -0.37	45.48 -3.28 -0.89	40.08 -2.46 0.00	39.50 -1.74 0.00	42.52 -1.17 0.00
SELKIRK___I 23801	50.52 1.27 0.00	47.15 1.35 0.00	45.03 1.23 -2.94	49.92 1.49 0.00	42.14 1.26 0.00	36.29 1.06 0.00	38.29 1.12 -0.38	48.81 1.11 -10.11	39.21 1.11 -0.01	45.18 1.20 0.00	57.19 1.56 0.00	62.95 1.66 -0.06	63.07 1.61 -0.56	72.08 1.75 -0.72	64.70 1.60 -0.32	67.59 1.65 0.00	56.08 1.33 -3.25	72.36 1.50 -12.66	68.84 1.46 -14.49	46.07 1.22 -2.81	55.96 1.39 -6.69	43.79 1.24 -0.01	42.39 1.15 0.00	44.90 1.20 0.00
SELKIRK___II 23799	50.28 1.03 0.00	46.92 1.13 0.00	44.86 1.03 -2.97	49.67 1.24 0.00	41.91 1.03 0.00	36.12 0.88 0.00	38.11 0.94 -0.39	48.74 0.93 -10.21	39.04 0.94 -0.01	44.98 1.00 0.00	56.93 1.29 0.00	62.73 1.43 -0.06	62.89 1.43 -0.57	71.84 1.51 -0.72	64.44 1.34 -0.32	67.30 1.37 0.00	55.90 1.11 -3.29	72.24 1.25 -12.78	68.79 1.26 -14.64	45.93 1.05 -2.84	55.83 1.20 -6.76	43.61 1.06 -0.01	42.21 0.97 0.00	44.68 0.98 0.00
SENECA OSWGO___HYD 24041	47.68 -1.57 0.00	44.26 -1.53 0.00	39.61 -1.44 -0.20	46.67 -1.76 0.00	39.44 -1.44 0.00	34.05 -1.19 0.00	35.55 -1.26 -0.03	36.97 -1.31 -0.69	36.76 -1.33 0.00	42.50 -1.48 0.00	53.69 -1.96 0.00	59.07 -2.17 0.00	58.75 -2.18 -0.04	67.45 -2.21 -0.05	60.88 -1.91 -0.02	63.98 -1.96 0.00	50.18 -1.55 -0.22	57.28 -1.78 -0.86	52.13 -1.76 -0.99	40.85 -1.39 -0.19	46.73 -1.61 -0.46	41.03 -1.50 0.00	39.82 -1.42 0.00	42.17 -1.53 0.00
SENECA___115KV_TB3 355854	48.67 -0.59 0.00	44.64 -1.16 0.00	39.45 -1.82 -0.41	46.04 -2.39 0.00	39.02 -1.86 0.00	33.52 -1.72 0.00	35.04 -1.80 -0.05	36.90 -2.12 -1.43	36.03 -2.05 0.00	41.87 -2.11 0.00	52.30 -3.34 0.00	57.20 -4.04 -0.01	56.32 -4.66 -0.08	64.58 -5.13 -0.10	58.23 -4.59 -0.05	61.67 -4.27 0.00	48.26 -3.71 -0.45	56.12 -3.85 -1.77	50.25 -3.74 -1.10	40.05 -2.39 -0.39	45.96 -2.85 -0.94	40.40 -2.14 0.00	39.78 -1.46 0.00	42.81 -0.89 0.00
SENECA___ENERGY 23797	48.65 -0.60 0.00	45.03 -0.77 0.00	40.23 -0.92 -0.29	47.17 -1.26 0.00	39.94 -0.93 0.00	34.48 -0.76 0.00	36.06 -0.77 -0.04	37.73 -0.85 -0.99	37.28 -0.80 0.00	43.12 -0.87 0.00	54.39 -1.25 0.00	59.82 -1.41 -0.01	59.37 -1.58 -0.05	68.18 -1.50 -0.07	61.45 -1.36 -0.03	64.75 -1.19 0.00	50.86 -0.96 -0.32	58.51 -0.94 -1.25	53.73 -1.01 -1.85	41.54 -0.78 -0.28	47.51 -1.02 -0.66	41.71 -0.83 0.00	40.55 -0.69 0.00	43.08 -0.61 0.00
SHOEMAKER___GT 23640	51.16 1.90 0.00	47.63 1.83 0.00	44.62 1.56 -2.21	50.24 1.81 0.00	42.37 1.49 0.00	36.61 1.37 0.00	38.56 1.49 -0.29	46.79 1.60 -7.60	39.62 1.53 -0.01	45.58 1.60 0.00	57.81 2.18 0.00	63.77 2.49 -0.04	63.88 2.56 -0.42	72.75 2.60 -0.54	65.33 2.31 -0.24	68.29 2.35 0.00	55.91 1.96 -2.45	70.04 2.32 -9.52	66.00 2.22 -10.90	45.91 1.75 -2.11	54.97 2.06 -5.03	44.34 1.80 -0.01	42.87 1.63 0.00	45.31 1.61 0.00
SHOEMAKR_138KV_BK 111 55601	51.14 1.89 0.00	47.60 1.81 0.00	44.59 1.54 -2.20	50.22 1.79 0.00	42.36 1.48 0.00	36.59 1.35 0.00	38.54 1.48 -0.28	46.73 1.58 -7.55	39.61 1.51 -0.01	45.58 1.59 0.00	57.78 2.14 0.00	63.75 2.48 -0.04	63.86 2.54 -0.42	72.74 2.60 -0.54	65.29 2.27 -0.24	68.24 2.31 0.00	55.86 1.92 -2.43	69.95 2.29 -9.45	65.90 2.19 -10.82	45.86 1.72 -2.10	54.90 2.03 -4.99	44.31 1.76 -0.01	42.85 1.61 0.00	45.29 1.60 0.00
SHOREHAM_IC_1 23715	52.50 3.25 0.00	48.98 3.18 0.00	46.01 2.73 -2.42	51.77 3.34 0.00	43.86 2.98 0.00	38.23 2.99 0.00	40.08 2.98 -0.31	48.66 2.77 -8.30	40.77 2.67 -0.01	46.72 2.74 0.00	59.41 3.78 0.00	65.71 4.43 -0.05	66.52 5.11 -0.50	76.37 4.98 -1.78	68.76 4.69 -1.30	75.72 3.85 -5.93	61.05 3.20 -6.34	78.46 3.46 -16.80	73.52 3.06 -17.58	47.66 2.02 -3.59	56.01 2.64 -5.49	45.20 2.65 -0.01	43.85 2.61 0.00	46.12 2.43 0.00
SHOREHAM_IC_2 23716	52.50 3.25 0.00	48.98 3.18 0.00	46.01 2.73 -2.42	51.77 3.34 0.00	43.86 2.98 0.00	38.23 3.00 0.00	40.08 2.98 -0.31	48.66 2.77 -8.30	40.76 2.67 -0.01	46.72 2.73 0.00	59.42 3.78 0.00	65.69 4.41 -0.05	66.53 5.12 -0.50	76.37 4.98 -1.78	68.74 4.67 -1.30	75.71 3.85 -5.93	61.05 3.20 -6.34	78.46 3.46 -16.80	73.52 3.05 -17.58	47.65 2.01 -3.59	56.01 2.64 -5.49	45.18 2.63 -0.01	43.85 2.61 0.00	46.13 2.43 0.00
SISSONVILLE____ 23735	49.82 0.57 0.00	45.37 -0.43 0.00	41.32 0.41 -0.05	49.34 0.91 0.00	41.61 0.73 0.00	35.55 0.32 0.00	36.61 0.18 -0.01	37.94 0.19 -0.16	38.57 0.48 0.00	45.21 1.22 0.00	57.16 1.52 0.00	62.63 1.39 0.00	62.45 1.54 -0.01	70.66 1.03 -0.01	63.56 0.77 -0.01	66.80 0.86 0.00	51.90 0.34 -0.05	58.84 0.44 -0.20	53.43 0.31 -0.23	42.41 0.32 -0.04	48.42 0.44 -0.11	43.34 0.80 0.00	42.43 1.19 0.00	45.66 1.97 0.00
SITHE_IND_GS1 24169	47.40 -1.85 0.00	44.00 -1.79 0.00	39.38 -1.64 -0.16	46.43 -2.00 0.00	39.25 -1.63 0.00	33.89 -1.35 0.00	35.38 -1.43 -0.02	36.65 -1.50 -0.56	36.59 -1.50 0.00	42.26 -1.73 0.00	53.38 -2.26 0.00	58.71 -2.52 0.00	58.38 -2.55 -0.03	67.11 -2.54 -0.04	60.58 -2.21 -0.02	63.67 -2.27 0.00	49.90 -1.79 -0.18	56.79 -2.11 -0.70	51.63 -2.07 -0.80	40.56 -1.65 -0.16	46.33 -1.91 -0.37	40.83 -1.71 0.00	39.65 -1.59 0.00	42.02 -1.67 0.00
SITHE_IND_GS2 24170	47.40 -1.85 0.00	44.00 -1.79 0.00	39.38 -1.64 -0.16	46.43 -2.00 0.00	39.25 -1.63 0.00	33.89 -1.35 0.00	35.38 -1.43 -0.02	36.65 -1.50 -0.56	36.59 -1.50 0.00	42.26 -1.73 0.00	53.38 -2.26 0.00	58.71 -2.52 0.00	58.38 -2.55 -0.03	67.11 -2.54 -0.04	60.58 -2.21 -0.02	63.67 -2.27 0.00	49.90 -1.79 -0.18	56.79 -2.11 -0.70	51.63 -2.07 -0.80	40.56 -1.65 -0.16	46.33 -1.91 -0.37	40.83 -1.71 0.00	39.65 -1.59 0.00	42.02 -1.67 0.00
SITHE_IND_GS3 24171	47.40 -1.85 0.00	44.00 -1.79 0.00	39.38 -1.64 -0.16	46.43 -2.00 0.00	39.25 -1.63 0.00	33.89 -1.35 0.00	35.38 -1.43 -0.02	36.65 -1.50 -0.56	36.59 -1.50 0.00	42.26 -1.73 0.00	53.38 -2.26 0.00	58.71 -2.52 0.00	58.38 -2.55 -0.03	67.11 -2.54 -0.04	60.58 -2.21 -0.02	63.67 -2.27 0.00	49.90 -1.79 -0.18	56.79 -2.11 -0.70	51.63 -2.07 -0.80	40.56 -1.65 -0.16	46.33 -1.91 -0.37	40.83 -1.71 0.00	39.65 -1.59 0.00	42.02 -1.67 0.00
SITHE_IND_GS4 24172	47.40 -1.85 0.00	44.00 -1.79 0.00	39.38 -1.64 -0.16	46.43 -2.00 0.00	39.25 -1.63 0.00	33.89 -1.35 0.00	35.38 -1.43 -0.02	36.65 -1.50 -0.56	36.59 -1.50 0.00	42.26 -1.73 0.00	53.38 -2.26 0.00	58.71 -2.52 0.00	58.38 -2.55 -0.03	67.11 -2.54 -0.04	60.58 -2.21 -0.02	63.67 -2.27 0.00	49.90 -1.79 -0.18	56.79 -2.11 -0.70	51.63 -2.07 -0.80	40.56 -1.65 -0.16	46.33 -1.91 -0.37	40.83 -1.71 0.00	39.65 -1.59 0.00	42.02 -1.67 0.00

SITHE___BATAVIA 24024	49.52 0.27 0.00	45.47 -0.33 0.00	40.17 -1.03 -0.34	47.02 -1.41 0.00	39.87 -1.00 0.00	34.35 -0.89 0.00	35.93 -0.90 -0.04	37.48 -1.26 -1.15	36.92 -1.17 0.00	42.98 -1.01 0.00	53.74 -1.90 0.00	58.79 -2.44 -0.01	58.05 -2.91 -0.07	66.56 -3.13 -0.08	60.12 -2.69 -0.04	63.57 -2.37 0.00	49.88 -2.00 -0.37	57.64 -2.02 -1.46	51.92 -2.03 -1.05	41.22 -1.15 -0.32	47.10 -1.55 -0.77	41.53 -1.01 0.00	40.82 -0.42 0.00	43.72 0.03 0.00
SITHE___INDEPEND 23800	47.40 -1.85 0.00	44.00 -1.79 0.00	39.38 -1.63 -0.16	46.43 -2.00 0.00	39.25 -1.63 0.00	33.89 -1.34 0.00	35.38 -1.43 -0.02	36.65 -1.50 -0.56	36.59 -1.50 0.00	42.26 -1.73 0.00	53.38 -2.26 0.00	58.71 -2.52 0.00	58.38 -2.55 -0.03	67.11 -2.54 -0.04	60.58 -2.21 -0.02	63.67 -2.27 0.00	49.90 -1.78 -0.18	56.79 -2.11 -0.70	51.63 -2.07 -0.80	40.56 -1.65 -0.16	46.34 -1.91 -0.37	40.84 -1.70 0.00	39.65 -1.59 0.00	42.02 -1.68 0.00
SITHE___MASSENA 23902	49.89 0.63 0.00	45.46 -0.34 0.00	41.39 0.53 0.00	49.47 1.04 0.00	41.73 0.85 0.00	35.82 0.58 0.00	37.14 0.36 0.00	38.37 0.78 0.00	39.09 1.00 0.00	45.72 1.73 0.00	57.68 2.04 0.00	63.20 1.97 0.00	63.04 2.14 0.00	71.33 1.72 0.00	64.17 1.40 0.00	67.56 1.62 0.00	52.70 1.19 0.00	59.68 1.48 0.00	54.10 1.21 0.00	43.18 1.13 0.00	48.93 1.05 0.00	43.91 1.37 0.00	42.81 1.57 0.00	45.97 2.28 0.00
SITHE___OGDNSBRG 24021	50.64 1.38 0.00	46.08 0.29 0.00	41.99 1.09 -0.04	50.16 1.73 0.00	42.30 1.42 0.00	36.25 1.01 0.00	37.48 0.69 0.00	38.88 1.15 -0.14	39.49 1.40 0.00	46.26 2.28 0.00	58.40 2.76 0.00	63.87 2.64 0.00	63.64 2.73 -0.01	72.13 2.51 -0.01	64.90 2.12 0.00	68.37 2.43 0.00	53.28 1.73 -0.05	60.55 2.18 -0.17	54.91 1.82 -0.20	43.67 1.58 -0.04	49.60 1.63 -0.09	44.43 1.89 0.00	43.36 2.12 0.00	46.60 2.91 0.00
SITHE___STERLING 23777	50.29 1.03 0.00	46.73 0.94 0.00	41.88 0.88 -0.15	49.46 1.04 0.00	41.77 0.89 0.00	36.02 0.78 0.00	37.61 0.81 -0.02	38.93 0.82 -0.51	39.01 0.93 0.00	45.19 1.21 0.00	57.21 1.57 0.00	62.92 1.69 0.00	62.61 1.69 -0.03	71.68 2.03 -0.04	64.61 1.82 -0.02	67.78 1.85 0.00	53.13 1.46 -0.16	60.34 1.50 -0.64	55.10 1.25 -0.96	43.11 0.92 -0.14	49.26 1.04 -0.34	43.26 0.72 0.00	41.88 0.64 0.00	44.38 0.68 0.00
SLEIGHT__34_KV_TB1 80719	48.41 -0.84 0.00	44.72 -1.08 0.00	39.85 -1.28 -0.28	46.77 -1.66 0.00	39.61 -1.27 0.00	34.19 -1.05 0.00	35.76 -1.06 -0.04	37.36 -1.16 -0.93	36.95 -1.14 0.00	42.81 -1.18 0.00	53.91 -1.73 0.00	59.25 -1.98 -0.01	58.75 -2.20 -0.05	67.46 -2.22 -0.07	60.80 -2.00 -0.03	64.15 -1.79 0.00	50.34 -1.47 -0.30	57.92 -1.47 -1.19	52.73 -1.52 -1.36	41.24 -1.07 -0.26	47.14 -1.36 -0.63	41.42 -1.12 0.00	40.33 -0.91 0.00	42.91 -0.78 0.00
SMITHTWN_69_KV_BK 1 55830	52.31 3.06 0.00	48.83 3.03 0.00	45.86 2.58 -2.42	51.49 3.06 0.00	43.56 2.68 0.00	37.89 2.65 0.00	39.70 2.61 -0.31	48.30 2.41 -8.30	40.44 2.35 -0.01	46.53 2.54 0.00	59.30 3.66 0.00	65.60 4.32 -0.05	66.32 4.92 -0.50	75.37 4.60 -1.16	67.72 4.19 -0.75	72.24 3.47 -2.83	58.78 2.86 -4.42	74.70 3.06 -13.45	70.41 2.91 -14.61	47.17 2.20 -2.92	56.21 2.84 -5.49	45.33 2.78 -0.01	44.05 2.81 0.00	46.41 2.72 0.00
SOUTH CAIRO___GT 23612	52.20 2.95 0.00	48.70 2.90 0.00	46.25 2.55 -2.85	51.51 3.08 0.00	43.50 2.62 0.00	37.55 2.31 0.00	39.64 2.49 -0.37	49.87 2.49 -9.79	40.75 2.66 -0.01	46.97 2.99 0.00	59.53 3.89 0.00	65.44 4.15 -0.06	65.02 3.58 -0.55	74.67 4.36 -0.69	67.20 4.11 -0.31	70.50 4.56 0.00	58.41 3.76 -3.15	74.77 4.32 -12.25	70.83 3.91 -14.03	47.86 3.09 -2.72	57.71 3.35 -6.47	45.46 2.91 -0.01	43.89 2.65 0.00	46.36 2.67 0.00
SOUTH HAMPTN___IC 23720	52.81 3.55 0.00	49.29 3.49 0.00	46.34 3.06 -2.42	52.32 3.88 0.00	44.48 3.60 0.00	38.83 3.59 0.00	40.74 3.64 -0.31	49.34 3.44 -8.30	41.42 3.32 -0.01	47.41 3.42 0.00	60.10 4.46 0.00	66.31 5.03 -0.05	67.19 5.79 -0.50	77.36 5.90 -1.85	69.73 5.60 -1.36	76.84 4.63 -6.27	61.83 3.77 -6.55	79.20 3.84 -17.16	73.89 3.10 -17.90	47.78 2.07 -3.66	56.10 2.73 -5.49	45.26 2.72 -0.01	43.83 2.59 0.00	46.06 2.37 0.00
SOUTHDOW_115KV_TB1 355954	49.26 0.01 0.00	45.15 -0.65 0.00	40.02 -1.28 -0.45	46.44 -1.99 0.00	39.18 -1.70 0.00	33.35 -1.89 0.00	35.03 -1.81 -0.06	37.46 -1.70 -1.57	36.56 -1.52 0.00	42.07 -1.92 0.00	52.55 -3.09 0.00	57.16 -4.08 -0.01	56.12 -4.86 -0.09	64.48 -5.24 -0.11	58.01 -4.81 -0.05	61.66 -4.27 0.00	48.72 -3.28 -0.50	57.12 -3.02 -1.93	50.95 -3.03 -1.09	41.05 -1.43 -0.43	47.24 -1.66 -1.02	40.83 -1.71 0.00	40.05 -1.19 0.00	43.16 -0.54 0.00
SOUTHOLD_69_KV_BK 2 55809	52.83 3.58 0.00	49.35 3.56 0.00	46.43 3.16 -2.42	52.64 4.21 0.00	44.95 4.07 0.00	39.28 4.04 0.00	41.23 4.13 -0.31	49.87 3.98 -8.30	41.94 3.85 -0.01	47.95 3.96 0.00	60.59 4.95 0.00	66.71 5.43 -0.05	67.74 6.34 -0.50	78.12 6.66 -1.84	70.47 6.34 -1.35	77.35 5.16 -6.26	62.16 4.10 -6.55	79.26 3.91 -17.16	73.54 2.75 -17.89	47.46 1.75 -3.66	55.78 2.41 -5.49	44.97 2.43 -0.01	43.49 2.25 0.00	45.64 1.95 0.00
SOUTHOLD___IC 23719	52.84 3.58 0.00	49.35 3.55 0.00	46.43 3.16 -2.42	52.64 4.21 0.00	44.95 4.07 0.00	39.28 4.04 0.00	41.23 4.13 -0.31	49.87 3.98 -8.30	41.94 3.85 -0.01	47.95 3.96 0.00	60.59 4.95 0.00	66.73 5.45 -0.05	67.72 6.32 -0.50	78.12 6.66 -1.84	70.47 6.34 -1.35	77.35 5.16 -6.26	62.15 4.10 -6.55	79.26 3.90 -17.16	73.54 2.76 -17.89	47.47 1.76 -3.66	55.78 2.41 -5.49	44.99 2.44 -0.01	43.49 2.25 0.00	45.64 1.94 0.00
SOUTH_FORK_WT_PWR 323839	52.48 3.22 0.00	49.08 3.29 0.00	46.26 2.98 -2.42	52.60 4.17 0.00	45.06 4.18 0.00	39.41 4.17 0.00	41.39 4.30 -0.31	50.03 4.13 -8.30	42.08 3.99 -0.01	48.08 4.10 0.00	60.56 4.93 0.00	66.61 5.33 -0.05	67.72 6.32 -0.50	78.17 6.72 -1.84	70.61 6.48 -1.35	77.24 5.04 -6.26	61.97 3.91 -6.55	78.77 3.41 -17.16	72.76 1.97 -17.90	46.80 1.09 -3.66	55.09 1.71 -5.49	44.39 1.85 -0.01	42.86 1.62 0.00	44.94 1.25 0.00
SPIERFLS_115KV_TB 1 80737	52.87 3.62 0.00	49.08 3.29 0.00	46.90 2.93 -3.12	51.89 3.46 -0.01	43.83 2.95 0.00	37.80 2.56 0.00	39.99 2.80 -0.40	51.25 2.96 -10.70	41.14 3.05 -0.01	47.51 3.52 0.00	60.33 4.69 0.00	66.46 5.17 -0.06	66.53 5.03 -0.60	75.71 5.34 -0.76	68.01 4.89 -0.34	71.15 5.21 0.00	59.11 4.16 -3.44	76.26 4.66 -13.39	72.34 4.11 -15.34	48.32 3.30 -2.97	58.68 3.73 -7.08	45.80 3.25 -0.01	44.30 3.06 0.00	46.88 3.19 0.00
ST LAWRENCE____ 23600	49.18 -0.07 0.00	44.84 -0.96 0.00	40.83 -0.03 0.00	48.79 0.36 0.00	41.16 0.29 0.00	35.36 0.13 0.00	36.71 -0.08 0.00	37.92 0.33 0.00	38.62 0.53 0.00	45.13 1.15 0.00	56.92 1.28 0.00	62.42 1.19 0.00	62.26 1.36 0.00	70.44 0.83 0.00	63.40 0.63 0.00	66.75 0.81 0.00	52.11 0.60 0.00	59.01 0.81 0.00	53.48 0.59 0.00	42.70 0.65 0.00	48.34 0.46 0.00	43.39 0.85 0.00	42.25 1.01 0.00	45.34 1.64 0.00

STATE_CA_115KV_115_LB 55624	50.51 1.26 0.00	47.18 1.38 0.00	45.11 1.25 -3.01	49.89 1.46 0.00	42.15 1.27 0.00	36.36 1.12 0.00	38.35 1.18 -0.39	49.07 1.15 -10.32	39.28 1.18 -0.01	45.26 1.28 0.00	57.27 1.63 0.00	63.10 1.81 -0.06	63.30 1.83 -0.57	72.28 1.93 -0.73	64.83 1.72 -0.33	67.73 1.79 0.00	56.32 1.50 -3.32	72.80 1.67 -12.92	69.30 1.61 -14.79	46.29 1.37 -2.87	56.21 1.51 -6.83	43.88 1.34 -0.01	42.45 1.21 0.00	44.92 1.22 0.00
STATE_ST_34_KV_LOAD 55959	49.10 -0.15 0.00	45.57 -0.23 0.00	40.83 -0.34 -0.31	47.79 -0.63 0.00	40.51 -0.37 0.00	34.98 -0.25 0.00	36.59 -0.24 -0.04	38.33 -0.32 -1.06	37.82 -0.26 0.00	43.59 -0.39 0.00	54.99 -0.65 0.00	60.67 -0.57 -0.01	60.27 -0.69 -0.06	69.16 -0.53 -0.08	62.38 -0.43 -0.03	65.64 -0.30 0.00	51.65 -0.20 -0.34	59.41 -0.13 -1.33	54.91 -0.27 -2.29	42.00 -0.34 -0.30	48.13 -0.45 -0.70	42.21 -0.33 0.00	40.97 -0.26 0.00	43.47 -0.23 0.00
STATION_5_MISC_HYD 23604	48.83 -0.42 0.00	44.98 -0.81 0.00	39.93 -1.21 -0.29	46.86 -1.57 0.00	39.68 -1.20 0.00	34.23 -1.01 0.00	35.78 -1.04 -0.04	37.34 -1.21 -0.96	36.89 -1.19 0.00	42.85 -1.13 0.00	53.82 -1.82 0.00	59.04 -2.19 -0.01	58.54 -2.42 -0.05	67.24 -2.45 -0.07	60.58 -2.23 -0.03	63.95 -1.99 0.00	50.19 -1.64 -0.32	57.79 -1.66 -1.24	52.22 -1.68 -1.01	41.26 -1.07 -0.28	47.17 -1.36 -0.66	41.53 -1.01 0.00	40.59 -0.65 0.00	43.30 -0.39 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.67 -0.58 0.00	44.95 -0.85 0.00	40.02 -1.11 -0.27	47.00 -1.43 0.00	39.79 -1.09 0.00	34.35 -0.89 0.00	35.91 -0.91 -0.04	37.47 -1.04 -0.92	37.09 -0.99 0.00	43.00 -0.98 0.00	54.13 -1.51 0.00	59.46 -1.77 0.00	58.97 -1.99 -0.05	67.70 -1.98 -0.07	61.02 -1.79 -0.03	64.38 -1.56 0.00	50.54 -1.27 -0.30	58.09 -1.29 -1.18	52.88 -1.35 -1.35	41.41 -0.90 -0.26	47.33 -1.17 -0.62	41.61 -0.92 0.00	40.54 -0.70 0.00	43.14 -0.56 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	48.44 -0.81 0.00	44.65 -1.15 0.00	39.66 -1.48 -0.28	46.56 -1.87 0.00	39.43 -1.45 0.00	34.02 -1.22 0.00	35.55 -1.27 -0.04	37.08 -1.44 -0.93	36.65 -1.43 0.00	42.56 -1.43 0.00	53.48 -2.16 0.00	58.69 -2.55 -0.01	58.20 -2.76 -0.05	66.83 -2.85 -0.07	60.22 -2.59 -0.03	63.55 -2.38 0.00	49.87 -1.95 -0.31	57.37 -2.04 -1.21	51.90 -2.02 -1.03	40.97 -1.34 -0.27	46.84 -1.69 -0.64	41.23 -1.31 0.00	40.27 -0.97 0.00	42.95 -0.74 0.00
STA_56___34_KV_BUS2 355983	48.44 -0.81 0.00	44.65 -1.15 0.00	39.66 -1.48 -0.28	46.56 -1.87 0.00	39.43 -1.45 0.00	34.02 -1.22 0.00	35.55 -1.27 -0.04	37.08 -1.44 -0.93	36.65 -1.43 0.00	42.56 -1.43 0.00	53.48 -2.16 0.00	58.69 -2.55 -0.01	58.20 -2.76 -0.05	66.83 -2.85 -0.07	60.22 -2.59 -0.03	63.55 -2.38 0.00	49.87 -1.95 -0.31	57.37 -2.04 -1.21	51.90 -2.02 -1.03	40.97 -1.34 -0.27	46.84 -1.69 -0.64	41.23 -1.31 0.00	40.27 -0.97 0.00	42.95 -0.74 0.00
STA_67___115KV_BK2 355882	48.75 -0.50 0.00	44.91 -0.89 0.00	39.86 -1.28 -0.29	46.79 -1.64 0.00	39.63 -1.26 0.00	34.18 -1.05 0.00	35.73 -1.10 -0.04	37.27 -1.28 -0.96	36.82 -1.26 0.00	42.76 -1.22 0.00	53.71 -1.93 0.00	58.93 -2.31 -0.01	58.42 -2.54 -0.05	67.09 -2.60 -0.07	60.46 -2.35 -0.03	63.82 -2.12 0.00	50.08 -1.74 -0.32	57.66 -1.79 -1.24	52.10 -1.80 -1.01	41.18 -1.15 -0.28	47.07 -1.46 -0.66	41.45 -1.09 0.00	40.51 -0.73 0.00	43.23 -0.47 0.00
STA_7___115KV_9TRANS 80674	49.03 -0.22 0.00	45.15 -0.64 0.00	40.07 -1.07 -0.29	47.03 -1.40 0.00	39.84 -1.04 0.00	34.37 -0.87 0.00	35.92 -0.90 -0.04	37.49 -1.06 -0.95	37.06 -1.03 0.00	43.06 -0.93 0.00	54.08 -1.56 0.00	59.35 -1.89 -0.01	58.84 -2.12 -0.05	67.60 -2.09 -0.07	60.91 -1.90 -0.03	64.29 -1.65 0.00	50.49 -1.34 -0.32	58.13 -1.31 -1.24	52.50 -1.40 -1.01	41.51 -0.82 -0.28	47.42 -1.11 -0.66	41.75 -0.79 0.00	40.77 -0.48 0.00	43.47 -0.22 0.00
STA_82___115KV_TB1 80780	48.73 -0.52 0.00	44.89 -0.91 0.00	39.85 -1.30 -0.29	46.76 -1.67 0.00	39.60 -1.29 0.00	34.16 -1.08 0.00	35.70 -1.12 -0.04	37.24 -1.31 -0.96	36.79 -1.29 0.00	42.73 -1.25 0.00	53.66 -1.98 0.00	58.87 -2.36 -0.01	58.37 -2.59 -0.05	67.03 -2.65 -0.07	60.41 -2.40 -0.03	63.75 -2.19 0.00	50.04 -1.78 -0.32	57.61 -1.84 -1.25	52.06 -1.84 -1.01	41.15 -1.18 -0.28	47.03 -1.50 -0.66	41.42 -1.12 0.00	40.47 -0.76 0.00	43.18 -0.51 0.00
STEEL___WIND 323596	48.62 -0.63 0.00	44.59 -1.21 0.00	39.40 -1.87 -0.41	45.98 -2.45 0.00	38.96 -1.92 0.00	33.44 -1.80 0.00	34.97 -1.86 -0.05	36.85 -2.17 -1.43	35.99 -2.10 0.00	41.80 -2.19 0.00	52.20 -3.44 0.00	57.07 -4.17 -0.01	56.20 -4.78 -0.08	64.43 -5.29 -0.10	58.11 -4.71 -0.05	61.54 -4.40 0.00	48.15 -3.81 -0.45	56.01 -3.96 -1.77	50.12 -3.87 -1.10	39.97 -2.47 -0.39	45.87 -2.95 -0.94	40.32 -2.22 0.00	39.70 -1.54 0.00	42.73 -0.96 0.00
STEPHTWN_115KV_BK_2 55603	50.84 1.59 0.00	47.44 1.64 0.00	45.29 1.44 -2.99	50.10 1.66 0.00	42.34 1.46 0.00	36.54 1.30 0.00	38.59 1.42 -0.39	49.32 1.45 -10.27	39.61 1.51 -0.01	45.64 1.66 0.00	57.70 2.06 0.00	63.63 2.34 -0.06	63.72 2.25 -0.57	72.78 2.44 -0.73	65.24 2.14 -0.32	68.22 2.29 0.00	56.68 1.87 -3.31	73.27 2.21 -12.86	69.67 2.06 -14.72	46.58 1.68 -2.86	56.59 1.92 -6.80	44.15 1.60 -0.01	42.69 1.45 0.00	45.13 1.44 0.00
STEBEN_REC_LFGE 323667	49.42 0.17 0.00	45.29 -0.51 0.00	40.21 -1.23 -0.58	46.59 -1.84 0.00	39.48 -1.40 0.00	33.78 -1.47 0.00	35.06 -1.80 -0.08	37.74 -1.94 -2.09	36.09 -2.00 0.00	42.13 -1.86 0.00	52.32 -3.32 0.00	56.89 -4.35 -0.01	55.65 -5.36 -0.11	63.39 -6.37 -0.14	57.13 -5.71 -0.06	60.65 -5.29 0.00	48.22 -3.93 -0.64	56.54 -4.18 -2.51	47.64 -3.99 1.27	39.96 -2.64 -0.56	46.00 -3.21 -1.33	39.87 -2.67 0.00	38.90 -2.34 0.00	41.31 -2.38 0.00
STILLWATER___SOLAR 323814	51.92 2.67 0.00	48.34 2.54 0.00	46.21 2.26 -3.10	51.12 2.68 -0.01	43.13 2.25 0.00	37.19 1.95 0.00	39.29 2.10 -0.40	50.43 2.19 -10.65	40.33 2.23 -0.01	46.55 2.56 0.00	59.02 3.38 0.00	65.03 3.74 -0.06	65.15 3.66 -0.59	74.34 3.97 -0.76	66.70 3.58 -0.34	69.77 3.84 0.00	57.99 3.06 -3.43	75.02 3.49 -13.33	71.31 3.16 -15.26	47.54 2.53 -2.96	57.77 2.85 -7.04	45.03 2.49 -0.01	43.56 2.32 0.00	46.11 2.42 0.00
STONY___BROOK 24151	52.23 2.98 0.00	48.74 2.94 0.00	45.79 2.52 -2.42	51.42 2.99 0.00	43.50 2.62 0.00	37.85 2.61 0.00	39.66 2.56 -0.31	48.23 2.34 -8.30	40.38 2.29 -0.01	46.46 2.48 0.00	59.21 3.57 0.00	65.50 4.22 -0.05	66.22 4.82 -0.50	75.59 4.48 -1.50	67.94 4.11 -1.05	73.81 3.33 -4.54	59.70 2.71 -5.49	76.28 2.78 -15.30	71.83 2.69 -16.25	47.38 2.04 -3.29	56.03 2.66 -5.49	45.21 2.67 -0.01	43.94 2.70 0.00	46.29 2.60 0.00
STURGEON_POOL_HYD 23609	51.39 2.14 0.00	47.86 2.07 0.00	45.10 1.75 -2.49	50.50 2.07 0.00	42.57 1.69 0.00	36.77 1.53 0.00	38.78 1.67 -0.32	47.93 1.79 -8.55	39.83 1.74 -0.01	45.88 1.89 0.00	58.14 2.50 0.00	64.22 2.94 -0.05	64.38 3.01 -0.47	73.40 3.19 -0.61	65.79 2.75 -0.27	68.71 2.77 0.00	56.54 2.28 -2.75	71.62 2.72 -10.70	67.77 2.63 -12.25	46.45 2.02 -2.38	55.93 2.40 -5.65	44.65 2.10 -0.01	43.16 1.92 0.00	45.55 1.86 0.00

ST_LAW_115_BK7_LBMP 345037	49.19 -0.06 0.00	44.83 -0.97 0.00	40.84 -0.02 0.00	48.82 0.39 0.00	41.17 0.30 0.00	35.37 0.13 0.00	36.70 -0.08 0.00	37.93 0.34 0.00	38.63 0.55 0.00	45.16 1.18 0.00	56.96 1.32 0.00	62.43 1.20 0.00	62.30 1.40 0.00	70.45 0.83 0.00	63.41 0.63 0.00	66.75 0.81 0.00	52.11 0.61 0.00	59.01 0.81 0.00	53.49 0.60 0.00	42.71 0.66 0.00	48.35 0.47 0.00	43.41 0.88 0.00	42.27 1.03 0.00	45.38 1.69 0.00
ST_LAW_115_BK8_LBMP 345038	49.19 -0.06 0.00	44.83 -0.97 0.00	40.84 -0.02 0.00	48.82 0.39 0.00	41.17 0.30 0.00	35.37 0.13 0.00	36.70 -0.08 0.00	37.93 0.34 0.00	38.63 0.55 0.00	45.16 1.18 0.00	56.96 1.32 0.00	62.43 1.20 0.00	62.30 1.40 0.00	70.45 0.83 0.00	63.41 0.63 0.00	66.75 0.81 0.00	52.11 0.61 0.00	59.01 0.81 0.00	53.49 0.60 0.00	42.71 0.66 0.00	48.35 0.47 0.00	43.41 0.88 0.00	42.27 1.03 0.00	45.38 1.69 0.00
ST_LAW_230_BK5_LBMP 345035	49.18 -0.07 0.00	44.84 -0.96 0.00	40.83 -0.03 0.00	48.79 0.36 0.00	41.16 0.29 0.00	35.36 0.13 0.00	36.71 -0.08 0.00	37.92 0.33 0.00	38.62 0.53 0.00	45.13 1.15 0.00	56.92 1.28 0.00	62.42 1.19 0.00	62.26 1.36 0.00	70.44 0.83 0.00	63.40 0.63 0.00	66.75 0.81 0.00	52.11 0.60 0.00	59.01 0.81 0.00	53.48 0.59 0.00	42.70 0.65 0.00	48.34 0.46 0.00	43.39 0.85 0.00	42.25 1.01 0.00	45.34 1.64 0.00
ST_LAW_230_BK6_LBMP 345036	49.18 -0.07 0.00	44.84 -0.96 0.00	40.83 -0.03 0.00	48.79 0.36 0.00	41.16 0.29 0.00	35.36 0.13 0.00	36.71 -0.08 0.00	37.92 0.33 0.00	38.62 0.53 0.00	45.13 1.15 0.00	56.92 1.28 0.00	62.42 1.19 0.00	62.26 1.36 0.00	70.44 0.83 0.00	63.40 0.63 0.00	66.75 0.81 0.00	52.11 0.60 0.00	59.01 0.81 0.00	53.48 0.59 0.00	42.70 0.65 0.00	48.34 0.46 0.00	43.39 0.85 0.00	42.25 1.01 0.00	45.34 1.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	51.30 2.05 0.00	47.76 1.96 0.00	44.77 1.66 -2.26	50.35 1.92 0.00	42.48 1.60 0.00	36.71 1.48 0.00	38.68 1.60 -0.29	47.10 1.74 -7.77	39.73 1.64 -0.01	45.74 1.75 0.00	57.99 2.35 0.00	63.99 2.71 -0.05	64.14 2.81 -0.43	73.07 2.90 -0.55	65.55 2.52 -0.25	68.43 2.49 0.00	56.09 2.08 -2.50	70.41 2.48 -9.73	66.41 2.38 -11.14	46.07 1.86 -2.16	55.23 2.21 -5.14	44.47 1.92 -0.01	42.99 1.76 0.00	45.41 1.72 0.00
SWANROAD_115KV_TB1 355699	47.79 -1.46 0.00	43.83 -1.96 0.00	38.64 -2.59 -0.37	45.19 -3.24 0.00	38.31 -2.57 0.00	32.99 -2.26 0.00	34.46 -2.38 -0.05	35.86 -3.01 -1.28	35.12 -2.96 0.00	40.90 -3.09 0.00	51.05 -4.59 0.00	55.92 -5.32 -0.01	55.11 -5.86 -0.07	63.23 -6.47 -0.09	57.01 -5.81 -0.04	60.41 -5.53 0.00	47.03 -4.89 -0.41	54.37 -5.43 -1.60	48.91 -5.05 -1.08	38.96 -3.44 -0.36	44.58 -4.15 -0.84	39.46 -3.08 0.00	39.09 -2.15 0.00	42.07 -1.62 0.00
SYNERGY___BIOGAS 323694	49.52 0.27 0.00	45.47 -0.33 0.00	40.17 -1.03 -0.34	47.02 -1.41 0.00	39.87 -1.00 0.00	34.35 -0.89 0.00	35.93 -0.90 -0.04	37.49 -1.25 -1.15	36.92 -1.17 0.00	42.98 -1.01 0.00	53.74 -1.90 0.00	58.79 -2.45 -0.01	58.05 -2.91 -0.07	66.56 -3.13 -0.08	60.12 -2.69 -0.04	63.57 -2.37 0.00	49.90 -1.98 -0.37	57.65 -2.01 -1.46	51.93 -2.01 -1.05	41.23 -1.14 -0.32	47.10 -1.55 -0.77	41.53 -1.01 0.00	40.82 -0.42 0.00	43.72 0.03 0.00
SYRACUSE___ENERGY_ST1 323597	48.57 -0.68 0.00	45.10 -0.70 0.00	40.40 -0.72 -0.26	47.50 -0.93 0.00	40.17 -0.71 0.00	34.67 -0.58 0.00	36.22 -0.59 -0.03	37.84 -0.63 -0.88	37.47 -0.62 0.00	43.30 -0.68 0.00	54.71 -0.93 0.00	60.21 -1.02 0.00	59.90 -1.05 -0.05	68.74 -0.93 -0.06	62.01 -0.79 -0.03	65.19 -0.74 0.00	51.22 -0.57 -0.28	58.66 -0.65 -1.11	53.71 -0.73 -1.54	41.71 -0.58 -0.24	47.74 -0.73 -0.58	41.86 -0.68 0.00	40.61 -0.63 0.00	43.03 -0.66 0.00
SYRACUSE___ENERGY_ST2 323598	48.57 -0.68 0.00	45.10 -0.70 0.00	40.40 -0.72 -0.26	47.50 -0.93 0.00	40.17 -0.71 0.00	34.67 -0.58 0.00	36.22 -0.59 -0.03	37.84 -0.63 -0.88	37.47 -0.62 0.00	43.30 -0.68 0.00	54.71 -0.93 0.00	60.21 -1.02 0.00	59.90 -1.05 -0.05	68.74 -0.93 -0.06	62.01 -0.79 -0.03	65.19 -0.74 0.00	51.22 -0.57 -0.28	58.66 -0.65 -1.11	53.71 -0.73 -1.54	41.71 -0.58 -0.24	47.74 -0.73 -0.58	41.86 -0.68 0.00	40.61 -0.63 0.00	43.03 -0.66 0.00
SYRACUSE___POWER 24017	48.59 -0.66 0.00	45.11 -0.69 0.00	40.43 -0.70 -0.28	47.53 -0.91 0.00	40.18 -0.70 0.00	34.67 -0.58 0.00	36.22 -0.59 -0.04	37.90 -0.64 -0.95	37.47 -0.62 0.00	43.31 -0.68 0.00	54.73 -0.91 0.00	60.21 -1.02 -0.01	59.89 -1.06 -0.05	68.73 -0.95 -0.07	62.01 -0.80 -0.03	65.17 -0.77 0.00	51.21 -0.60 -0.30	58.70 -0.68 -1.19	53.87 -0.76 -1.74	41.73 -0.58 -0.26	47.79 -0.72 -0.63	41.85 -0.69 0.00	40.58 -0.65 0.00	43.01 -0.68 0.00
TALLMAN__138KV_BK151 55660	51.43 2.18 0.00	47.88 2.09 0.00	44.94 1.75 -2.33	50.46 2.03 0.00	42.56 1.67 0.00	36.83 1.59 0.00	38.81 1.73 -0.30	47.45 1.87 -7.99	39.84 1.75 -0.01	45.85 1.86 0.00	58.13 2.49 0.00	64.16 2.89 -0.05	64.36 3.02 -0.44	73.27 3.09 -0.57	65.67 2.64 -0.25	68.55 2.61 0.00	56.27 2.20 -2.57	70.83 2.62 -10.00	66.87 2.53 -11.45	46.23 1.96 -2.22	55.50 2.34 -5.28	44.58 2.03 -0.01	43.10 1.86 0.00	45.54 1.85 0.00
TEALLAVE_115KV_TB7 355573	48.36 -0.89 0.00	44.88 -0.91 0.00	40.19 -0.90 -0.23	47.29 -1.14 0.00	39.98 -0.90 0.00	34.51 -0.73 0.00	36.04 -0.77 -0.03	37.55 -0.83 -0.78	37.27 -0.82 0.00	43.08 -0.90 0.00	54.43 -1.21 0.00	59.89 -1.35 0.00	59.57 -1.38 -0.04	68.36 -1.30 -0.06	61.69 -1.11 -0.03	64.84 -1.10 0.00	50.89 -0.87 -0.25	58.18 -1.00 -0.98	52.97 -1.05 -1.13	41.46 -0.81 -0.22	47.43 -0.97 -0.52	41.63 -0.91 0.00	40.40 -0.84 0.00	42.81 -0.89 0.00
TELGRAPH_34_KV_EAST 80808	48.63 -0.62 0.00	44.62 -1.18 0.00	39.38 -1.83 -0.35	46.08 -2.35 0.00	39.06 -1.82 0.00	33.65 -1.59 0.00	35.18 -1.65 -0.05	36.68 -2.12 -1.21	36.04 -2.05 0.00	41.96 -2.03 0.00	52.41 -3.23 0.00	57.36 -3.87 -0.01	56.59 -4.37 -0.07	64.92 -4.78 -0.09	58.55 -4.26 -0.04	62.00 -3.94 0.00	48.44 -3.46 -0.39	55.99 -3.73 -1.52	50.40 -3.55 -1.06	40.10 -2.29 -0.34	45.86 -2.83 -0.80	40.50 -2.03 0.00	39.95 -1.29 0.00	42.91 -0.78 0.00
TEMPLE___115KV_TB 2 55572	48.37 -0.88 0.00	44.88 -0.91 0.00	40.19 -0.90 -0.23	47.29 -1.13 0.00	39.98 -0.90 0.00	34.51 -0.73 0.00	36.04 -0.77 -0.03	37.57 -0.82 -0.80	37.27 -0.82 0.00	43.08 -0.90 0.00	54.43 -1.21 0.00	59.88 -1.36 0.00	59.56 -1.38 -0.04	68.36 -1.30 -0.06	61.69 -1.11 -0.03	64.84 -1.10 0.00	50.90 -0.87 -0.26	58.20 -1.00 -1.00	52.99 -1.05 -1.15	41.47 -0.80 -0.22	47.44 -0.97 -0.53	41.63 -0.90 0.00	40.40 -0.84 0.00	42.81 -0.88 0.00
TIANA____69_KV_BK 1 55817	52.77 3.51 0.00	49.24 3.45 0.00	46.28 3.00 -2.42	52.19 3.75 0.00	44.32 3.44 0.00	38.66 3.42 0.00	40.56 3.46 -0.31	49.16 3.26 -8.30	41.25 3.16 -0.01	47.22 3.24 0.00	59.94 4.31 0.00	66.17 4.89 -0.05	67.03 5.63 -0.50	77.15 5.69 -1.84	69.48 5.35 -1.35	76.66 4.46 -6.26	61.71 3.66 -6.55	79.16 3.81 -17.16	73.97 3.18 -17.89	47.85 2.14 -3.66	56.18 2.81 -5.49	45.31 2.76 -0.01	43.91 2.67 0.00	46.17 2.48 0.00

TILDEN___115KV_TB1 80814	48.59 -0.66 0.00	45.11 -0.69 0.00	40.43 -0.70 -0.28	47.53 -0.91 0.00	40.18 -0.70 0.00	34.67 -0.58 0.00	36.22 -0.59 -0.04	37.90 -0.64 -0.95	37.47 -0.62 0.00	43.31 -0.68 0.00	54.73 -0.91 0.00	60.21 -1.02 -0.01	59.89 -1.06 -0.05	68.73 -0.95 -0.07	62.01 -0.80 -0.03	65.17 -0.77 0.00	51.21 -0.60 -0.30	58.70 -0.68 -1.19	53.87 -0.76 -1.74	41.73 -0.58 -0.26	47.79 -0.72 -0.63	41.85 -0.69 0.00	40.58 -0.65 0.00	43.01 -0.68 0.00
TRIGEN___CC 323695	52.02 2.77 0.00	48.48 2.68 0.00	45.53 2.26 -2.42	51.07 2.64 0.00	43.13 2.25 0.00	37.38 2.14 0.00	39.26 2.17 -0.31	48.03 2.14 -8.30	40.17 2.08 -0.01	46.29 2.31 0.00	58.94 3.30 0.00	65.06 3.78 -0.05	65.59 4.17 -0.52	74.08 3.88 -0.59	66.45 3.42 -0.26	69.06 3.12 0.00	56.81 2.64 -2.67	71.69 3.09 -10.39	67.72 2.93 -11.90	46.61 2.25 -2.31	56.23 2.86 -5.49	45.18 2.64 -0.01	43.77 2.53 0.00	46.17 2.47 0.00
TRINITY___115KV___4 BK 55933	50.29 1.04 0.00	46.97 1.18 0.00	44.92 1.07 -3.00	49.68 1.25 0.00	41.96 1.08 0.00	36.19 0.95 0.00	38.18 1.01 -0.39	48.87 0.98 -10.29	39.09 1.00 -0.01	45.05 1.06 0.00	56.99 1.35 0.00	62.79 1.50 -0.06	62.99 1.52 -0.57	71.91 1.57 -0.73	64.50 1.40 -0.33	67.37 1.44 0.00	56.02 1.20 -3.31	72.43 1.34 -12.88	68.97 1.33 -14.75	46.04 1.13 -2.86	55.95 1.26 -6.81	43.67 1.12 -0.01	42.25 1.01 0.00	44.73 1.03 0.00
UNION___PROCESSING_DRP 323587	48.73 -0.52 0.00	44.89 -0.90 0.00	39.86 -1.29 -0.29	46.77 -1.66 0.00	39.60 -1.28 0.00	34.16 -1.08 0.00	35.71 -1.11 -0.04	37.26 -1.29 -0.96	36.80 -1.29 0.00	42.75 -1.23 0.00	53.68 -1.96 0.00	58.89 -2.34 -0.01	58.39 -2.56 -0.05	67.05 -2.63 -0.07	60.43 -2.37 -0.03	63.77 -2.17 0.00	50.06 -1.76 -0.32	57.63 -1.83 -1.25	52.07 -1.83 -1.02	41.16 -1.17 -0.28	47.05 -1.49 -0.66	41.43 -1.11 0.00	40.49 -0.75 0.00	43.20 -0.50 0.00
UPPER HUDSON___HYD 24058	52.87 3.62 0.00	49.09 3.29 0.00	46.90 2.93 -3.12	51.89 3.46 -0.01	43.83 2.95 0.00	37.80 2.56 0.00	39.99 2.80 -0.40	51.25 2.96 -10.70	41.14 3.05 -0.01	47.51 3.52 0.00	60.33 4.70 0.00	66.47 5.17 -0.06	66.53 5.03 -0.60	75.71 5.34 -0.76	68.01 4.89 -0.34	71.15 5.22 0.00	59.10 4.16 -3.44	76.26 4.66 -13.39	72.34 4.12 -15.34	48.33 3.30 -2.97	58.69 3.73 -7.08	45.80 3.25 -0.01	44.30 3.06 0.00	46.88 3.19 0.00
UPPER RAQUET___HYD 24056	49.82 0.56 0.00	45.37 -0.43 0.00	41.32 0.41 -0.05	49.34 0.91 0.00	41.61 0.73 0.00	35.55 0.32 0.00	36.61 -0.17 -0.01	37.94 0.19 -0.16	38.57 0.48 0.00	45.21 1.22 0.00	57.16 1.52 0.00	62.60 1.37 0.00	62.45 1.54 -0.01	70.66 1.04 -0.01	63.56 0.77 -0.01	66.80 0.86 0.00	51.94 0.38 -0.05	58.85 0.44 -0.20	53.43 0.31 -0.23	42.41 0.32 -0.04	48.42 0.44 -0.11	43.32 0.78 0.00	42.43 1.19 0.00	45.66 1.97 0.00
VALLEY44_115KV_TB2 355964	48.54 -0.71 0.00	44.72 -1.08 0.00	39.70 -1.62 -0.46	46.34 -2.08 0.00	39.31 -1.57 0.00	33.81 -1.43 0.00	35.27 -1.57 -0.06	37.30 -1.91 -1.62	36.24 -1.85 0.00	42.00 -1.98 0.00	52.64 -3.00 0.00	57.57 -3.67 -0.01	56.45 -4.54 -0.09	64.91 -4.81 -0.11	58.51 -4.32 -0.05	61.82 -4.12 0.00	48.71 -3.31 -0.51	56.92 -3.28 -2.00	50.75 -3.28 -1.14	40.40 -2.10 -0.44	46.43 -2.50 -1.06	40.56 -1.98 0.00	39.89 -1.35 0.00	42.87 -0.83 0.00
VALLEY___115KV_TB 1-4 80826	51.82 2.57 0.00	48.31 2.52 0.00	43.05 2.20 0.00	51.04 2.62 0.00	43.12 2.24 0.00	37.13 1.89 0.00	38.77 1.99 0.00	39.69 2.10 0.00	40.17 2.09 0.00	46.36 2.37 0.00	58.72 3.08 0.00	64.67 3.44 0.00	64.12 3.22 0.00	73.00 3.39 0.00	66.07 3.29 0.00	69.54 3.60 0.00	54.28 2.78 0.00	61.34 3.14 0.00	55.73 2.84 0.00	44.18 2.13 0.00	50.12 2.24 0.00	44.47 1.93 0.00	42.94 1.70 0.00	45.44 1.75 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.86 2.61 0.00	48.24 2.44 0.00	44.13 2.20 -1.08	51.07 2.64 0.00	43.08 2.20 0.00	37.10 1.86 0.00	38.94 2.02 -0.14	43.36 2.06 -3.71	40.25 2.16 0.00	46.40 2.42 0.00	58.54 2.90 0.00	64.45 3.19 -0.02	64.14 3.04 -0.21	73.24 3.37 -0.26	65.84 2.95 -0.12	69.02 3.08 0.00	55.11 2.41 -1.19	65.59 2.76 -4.63	60.77 2.58 -5.30	45.09 2.01 -1.03	52.54 2.21 -2.45	44.44 1.90 0.00	43.00 1.76 0.00	45.52 1.83 0.00
VISCHER___FERRY HYD 24020	51.02 1.77 0.00	47.59 1.79 0.00	45.52 1.61 -3.05	50.35 1.91 -0.01	42.47 1.59 0.00	36.61 1.37 0.00	38.64 1.46 -0.39	49.57 1.48 -10.49	39.59 1.50 -0.01	45.68 1.70 0.00	57.82 2.18 0.00	63.75 2.46 -0.06	63.93 2.45 -0.58	73.01 2.66 -0.74	65.46 2.35 -0.33	68.41 2.47 0.00	56.85 1.98 -3.38	73.63 2.30 -13.13	70.09 2.17 -15.03	46.68 1.72 -2.92	56.77 1.95 -6.94	44.26 1.72 -0.01	42.82 1.58 0.00	45.35 1.65 0.00
V_A_10_SYNC_DSASP 323832	47.88 -1.37 0.00	44.00 -1.79 0.00	38.94 -2.24 -0.33	45.62 -2.81 0.00	38.65 -2.23 0.00	33.31 -1.93 0.00	34.79 -2.04 -0.04	36.39 -2.33 -1.12	35.71 -2.37 0.00	41.52 -2.47 0.00	51.99 -3.65 0.00	56.99 -4.25 -0.01	56.31 -4.65 -0.06	64.58 -5.12 -0.08	58.17 -4.64 -0.04	61.52 -4.42 0.00	48.14 -3.73 -0.36	55.60 -4.02 -1.41	50.12 -3.81 -1.04	39.80 -2.57 -0.31	45.54 -3.08 -0.75	40.21 -2.33 0.00	39.53 -1.71 0.00	42.42 -1.27 0.00
V_CMM_10_SYNC_DSASP 323787	49.46 0.21 0.00	45.08 -0.71 0.00	41.04 0.18 0.00	49.07 0.64 0.00	41.39 0.51 0.00	35.57 0.33 0.00	36.91 0.12 0.00	38.15 0.56 0.00	38.84 0.75 0.00	45.41 1.42 0.00	57.25 1.61 0.00	62.80 1.57 0.00	62.62 1.72 0.00	70.82 1.21 0.00	63.73 0.96 0.00	67.12 1.18 0.00	52.34 0.84 0.00	59.34 1.14 0.00	53.78 0.89 0.00	42.94 0.89 0.00	48.61 0.73 0.00	43.67 1.14 0.00	42.50 1.26 0.00	45.63 1.93 0.00
V_CMP_10_SYNC_DSASP 323788	50.50 1.25 0.00	46.09 0.29 0.00	41.88 1.03 0.00	49.88 1.45 0.00	42.12 1.24 0.00	36.20 0.96 0.00	37.56 0.78 0.00	38.93 1.34 0.00	39.67 1.58 0.00	46.28 2.30 0.00	58.40 2.76 0.00	64.12 2.89 0.00	63.89 2.99 0.00	72.22 2.60 0.00	65.16 2.39 0.00	68.68 2.74 0.00	53.61 2.10 0.00	60.71 2.51 0.00	54.77 1.88 0.00	43.83 1.78 0.00	49.52 1.64 0.00	44.39 1.86 0.00	43.22 1.98 0.00	46.31 2.61 0.00
V_D_10_SYNC_DSASP 323841	49.87 0.62 0.00	45.45 -0.34 0.00	41.38 0.52 0.00	49.46 1.03 0.00	41.72 0.84 0.00	35.82 0.58 0.00	37.14 0.35 0.00	38.37 0.78 0.00	39.08 0.99 0.00	45.72 1.73 0.00	57.67 2.03 0.00	63.21 1.98 0.00	63.04 2.14 0.00	71.32 1.70 0.00	64.18 1.40 0.00	67.56 1.62 0.00	52.66 1.15 0.00	59.68 1.48 0.00	54.10 1.21 0.00	43.18 1.13 0.00	48.93 1.05 0.00	43.93 1.39 0.00	42.80 1.56 0.00	45.97 2.27 0.00
V_E_10_SYNC_DSASP 323830	52.67 3.42 0.00	48.78 2.99 0.00	44.19 2.55 -0.78	51.35 2.92 0.00	43.31 2.43 0.00	37.13 1.89 0.00	38.68 1.79 -0.10	42.15 1.85 -2.71	40.07 1.99 0.00	46.53 2.54 0.00	59.04 3.40 0.00	65.05 3.81 -0.02	64.62 3.57 -0.15	74.01 4.21 -0.19	66.13 3.27 -0.08	69.55 3.61 0.00	55.06 2.69 -0.87	64.98 3.41 -3.37	61.78 3.17 -5.71	45.08 2.28 -0.75	51.66 2.00 -1.78	43.99 1.45 0.00	42.71 1.47 0.00	45.01 1.32 0.00

V_F_30_NSYNC___DSASP 323816	51.97 2.72 0.00	48.38 2.58 0.00	46.26 2.29 -3.11	51.16 2.72 -0.01	43.17 2.29 0.00	37.22 1.98 0.00	39.32 2.14 -0.40	50.49 2.22 -10.67	40.36 2.27 -0.01	46.59 2.61 0.00	59.08 3.44 0.00	65.09 3.80 -0.06	65.21 3.72 -0.59	74.41 4.04 -0.76	66.77 3.65 -0.34	69.84 3.91 0.00	58.05 3.11 -3.43	75.10 3.53 -13.36	71.40 3.21 -15.29	47.58 2.57 -2.97	57.83 2.89 -7.06	45.08 2.53 -0.01	43.59 2.35 0.00	46.15 2.46 0.00
V_F_30_SYNC_DSASP 323786	50.50 1.25 0.00	47.18 1.38 0.00	45.09 1.23 -3.01	49.89 1.46 0.00	42.14 1.25 0.00	36.35 1.12 0.00	38.35 1.18 -0.39	49.06 1.15 -10.32	39.28 1.18 -0.01	45.25 1.27 0.00	57.26 1.62 0.00	63.10 1.81 -0.06	63.29 1.83 -0.57	72.26 1.92 -0.73	64.83 1.72 -0.33	67.72 1.78 0.00	56.30 1.47 -3.32	72.79 1.66 -12.92	69.29 1.61 -14.79	46.28 1.37 -2.87	56.21 1.50 -6.83	43.88 1.33 -0.01	42.44 1.21 0.00	44.92 1.22 0.00
V_XM_10_SYNC_DSASP 323789	50.50 1.25 0.00	46.09 0.29 0.00	41.88 1.03 0.00	49.88 1.45 0.00	42.12 1.24 0.00	36.20 0.96 0.00	37.56 0.78 0.00	38.93 1.34 0.00	39.67 1.58 0.00	46.28 2.30 0.00	58.40 2.76 0.00	64.12 2.89 0.00	63.89 2.99 0.00	72.22 2.60 0.00	65.16 2.39 0.00	68.68 2.74 0.00	53.61 2.10 0.00	60.71 2.51 0.00	54.77 1.88 0.00	43.83 1.78 0.00	49.52 1.64 0.00	44.39 1.86 0.00	43.22 1.98 0.00	46.31 2.61 0.00
W.BABYLN_69_KV_BK1 56697	52.75 3.49 0.00	49.22 3.42 0.00	46.17 2.90 -2.42	51.82 3.39 0.00	43.80 2.92 0.00	38.02 2.78 0.00	39.91 2.81 -0.31	48.59 2.69 -8.30	40.70 2.60 -0.01	46.89 2.90 0.00	59.72 4.08 0.00	66.09 4.81 -0.05	66.72 5.32 -0.51	75.68 5.14 -0.93	67.88 4.55 -0.56	71.84 4.20 -1.71	58.69 3.45 -3.73	74.47 4.03 -12.24	70.18 3.76 -13.53	47.64 2.91 -2.68	56.97 3.60 -5.49	45.87 3.33 -0.01	44.50 3.26 0.00	46.88 3.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.69 2.44 0.00	48.11 2.32 0.00	45.16 1.95 -2.34	50.70 2.27 0.00	42.76 1.88 0.00	37.00 1.76 0.00	39.00 1.91 -0.30	47.71 2.06 -8.06	40.04 1.95 -0.01	46.08 2.10 0.00	58.45 2.81 0.00	64.52 3.24 -0.05	64.72 3.37 -0.45	73.68 3.50 -0.57	66.06 3.03 -0.25	68.94 3.01 0.00	56.61 2.52 -2.59	71.27 2.99 -10.08	67.29 2.86 -11.54	46.53 2.24 -2.24	55.85 2.64 -5.33	44.84 2.30 -0.01	43.35 2.11 0.00	45.78 2.09 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.88 2.63 0.00	48.28 2.48 0.00	45.36 2.09 -2.42	50.85 2.41 0.00	42.89 2.01 0.00	37.11 1.87 0.00	39.15 2.05 -0.31	48.09 2.20 -8.30	40.22 2.12 -0.01	46.32 2.33 0.00	58.77 3.13 0.00	64.89 3.61 -0.05	65.12 3.75 -0.46	74.06 3.86 -0.59	66.36 3.31 -0.26	69.20 3.27 0.00	56.92 2.74 -2.67	71.82 3.23 -10.39	67.88 3.09 -11.89	46.77 2.42 -2.31	56.23 2.86 -5.49	45.08 2.54 -0.01	43.55 2.31 0.00	45.93 2.24 0.00
W50THST__13_KV_LOAD 356117	52.05 2.80 0.00	48.42 2.63 0.00	45.50 2.22 -2.42	51.00 2.57 0.00	43.02 2.14 0.00	37.22 1.98 0.00	39.27 2.17 -0.31	48.21 2.32 -8.30	40.35 2.26 -0.01	46.48 2.50 0.00	58.98 3.34 0.00	65.13 3.85 -0.05	65.33 3.98 -0.46	74.31 4.12 -0.59	66.60 3.56 -0.26	69.45 3.51 0.00	57.11 2.93 -2.67	72.03 3.44 -10.39	68.06 3.28 -11.89	46.94 2.58 -2.31	56.40 3.03 -5.49	45.23 2.69 -0.01	43.70 2.46 0.00	46.10 2.40 0.00
WADING RIVER_IC_1 23522	52.51 3.26 0.00	48.99 3.20 0.00	46.02 2.75 -2.42	51.80 3.36 0.00	43.89 3.01 0.00	38.26 3.02 0.00	40.12 3.02 -0.31	48.70 2.80 -8.30	40.80 2.70 -0.01	46.75 2.77 0.00	59.46 3.82 0.00	65.75 4.47 -0.05	66.58 5.17 -0.50	76.51 5.05 -1.85	68.87 4.73 -1.36	76.16 3.91 -6.31	61.33 3.24 -6.58	78.88 3.47 -17.21	73.91 3.08 -17.94	47.73 2.02 -3.67	56.00 2.63 -5.49	45.18 2.64 -0.01	43.82 2.58 0.00	46.09 2.40 0.00
WADING RIVER_IC_2 23547	52.51 3.26 0.00	48.99 3.20 0.00	46.02 2.75 -2.42	51.80 3.36 0.00	43.89 3.01 0.00	38.26 3.02 0.00	40.12 3.02 -0.31	48.70 2.80 -8.30	40.80 2.70 -0.01	46.75 2.77 0.00	59.46 3.82 0.00	65.75 4.47 -0.05	66.58 5.17 -0.50	76.51 5.05 -1.85	68.87 4.73 -1.36	76.16 3.91 -6.31	61.33 3.24 -6.58	78.88 3.47 -17.21	73.91 3.08 -17.94	47.73 2.02 -3.67	56.00 2.63 -5.49	45.18 2.64 -0.01	43.82 2.58 0.00	46.09 2.40 0.00
WADING RIVER_IC_3 23601	52.51 3.26 0.00	48.99 3.20 0.00	46.02 2.75 -2.42	51.80 3.36 0.00	43.89 3.01 0.00	38.26 3.02 0.00	40.12 3.02 -0.31	48.70 2.80 -8.30	40.80 2.70 -0.01	46.75 2.77 0.00	59.46 3.82 0.00	65.75 4.47 -0.05	66.58 5.17 -0.50	76.51 5.05 -1.85	68.87 4.73 -1.36	76.16 3.91 -6.31	61.33 3.24 -6.58	78.88 3.47 -17.21	73.91 3.08 -17.94	47.73 2.02 -3.67	56.00 2.63 -5.49	45.18 2.64 -0.01	43.82 2.58 0.00	46.09 2.40 0.00
WALDENNY_12_KV_BK2 80841	48.69 -0.56 0.00	44.65 -1.14 0.00	39.46 -1.81 -0.41	46.05 -2.37 0.00	39.03 -1.85 0.00	33.55 -1.70 0.00	35.07 -1.77 -0.05	36.86 -2.14 -1.41	36.02 -2.07 0.00	41.87 -2.11 0.00	52.30 -3.34 0.00	57.22 -4.02 -0.01	56.37 -4.61 -0.08	64.64 -5.07 -0.10	58.29 -4.53 -0.04	61.72 -4.22 0.00	48.29 -3.67 -0.45	56.10 -3.86 -1.75	50.26 -3.73 -1.10	40.07 -2.37 -0.39	45.94 -2.86 -0.93	40.39 -2.14 0.00	39.80 -1.44 0.00	42.84 -0.86 0.00
WALDEN___HYDRO 24148	51.57 2.31 0.00	48.00 2.20 0.00	45.07 1.87 -2.35	50.61 2.18 0.00	42.68 1.81 0.00	36.90 1.66 0.00	38.91 1.81 -0.30	47.59 1.94 -8.06	39.95 1.86 -0.01	46.00 2.02 0.00	58.27 2.63 0.00	64.35 3.07 -0.05	64.52 3.18 -0.45	73.51 3.32 -0.57	65.93 2.90 -0.25	68.86 2.92 0.00	56.53 2.43 -2.59	71.18 2.88 -10.09	67.20 2.76 -11.55	46.44 2.15 -2.24	55.73 2.52 -5.33	44.74 2.19 -0.01	43.24 2.00 0.00	45.66 1.97 0.00
WARRENSBURG___ 23737	52.87 3.62 0.00	49.08 3.29 0.00	46.90 2.93 -3.12	51.89 3.46 -0.01	43.83 2.95 0.00	37.80 2.56 0.00	39.99 2.80 -0.40	51.25 2.96 -10.70	41.14 3.05 -0.01	47.51 3.52 0.00	60.33 4.69 0.00	66.46 5.17 -0.06	66.53 5.03 -0.60	75.71 5.34 -0.76	68.01 4.89 -0.34	71.15 5.21 0.00	59.11 4.16 -3.44	76.26 4.66 -13.39	72.34 4.11 -15.34	48.32 3.30 -2.97	58.68 3.73 -7.08	45.80 3.25 -0.01	44.30 3.06 0.00	46.88 3.19 0.00
WATERSIDE___6 8 9 23538	51.88 2.62 0.00	48.24 2.45 0.00	45.34 2.07 -2.42	50.82 2.39 0.00	42.86 1.99 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.08 2.19 -8.30	40.21 2.12 -0.01	46.32 2.33 0.00	58.75 3.11 0.00	64.88 3.60 -0.05	65.10 3.74 -0.46	74.00 3.80 -0.59	66.30 3.26 -0.26	69.12 3.18 0.00	56.88 2.71 -2.67	71.75 3.16 -10.39	67.85 3.06 -11.90	46.75 2.39 -2.31	56.20 2.83 -5.49	45.09 2.55 -0.01	43.57 2.33 0.00	45.94 2.25 0.00
WATKINRD_115KV_LN8_ILLION 55919	51.11 1.85 0.00	47.59 1.80 0.00	42.45 1.60 0.00	50.31 1.89 0.00	42.50 1.62 0.00	36.60 1.36 0.00	38.22 1.44 0.00	39.11 1.52 0.00	39.60 1.51 0.00	45.71 1.72 0.00	57.88 2.24 0.00	63.72 2.49 0.00	63.24 2.34 0.00	72.07 2.46 0.00	65.16 2.38 0.00	68.53 2.60 0.00	53.53 2.02 0.00	60.50 2.30 0.00	54.97 2.08 0.00	43.64 1.59 0.00	49.57 1.69 0.00	43.99 1.46 0.00	42.53 1.29 0.00	45.01 1.32 0.00

WDELAWARE___HYD 323627	50.99 1.74 0.00	47.45 1.66 0.00	44.47 1.40 -2.21	50.06 1.63 0.00	42.22 1.35 0.00	36.49 1.25 0.00	38.47 1.40 -0.29	46.72 1.52 -7.60	39.57 1.48 -0.01	45.57 1.59 0.00	57.73 2.09 0.00	63.68 2.41 -0.04	63.84 2.53 -0.42	72.78 2.63 -0.54	65.34 2.32 -0.24	68.25 2.31 0.00	55.94 1.99 -2.45	70.13 2.41 -9.51	66.09 2.31 -10.89	45.97 1.80 -2.11	55.00 2.09 -5.03	44.31 1.77 -0.01	42.79 1.55 0.00	45.15 1.46 0.00
WEST BABYLON___IC 23714	52.75 3.49 0.00	49.22 3.42 0.00	46.17 2.90 -2.42	51.82 3.39 0.00	43.80 2.92 0.00	38.02 2.78 0.00	39.91 2.81 -0.31	48.59 2.69 -8.30	40.70 2.60 -0.01	46.89 2.90 0.00	59.72 4.08 0.00	66.09 4.81 -0.05	66.72 5.32 -0.51	75.68 5.14 -0.93	67.88 4.55 -0.56	71.84 4.20 -1.71	58.69 3.45 -3.73	74.47 4.03 -12.24	70.18 3.76 -13.53	47.64 2.91 -2.68	56.97 3.60 -5.49	45.87 3.33 -0.01	44.50 3.26 0.00	46.88 3.19 0.00
WEST CANADA___HYD 24049	49.45 0.20 0.00	45.98 0.18 0.00	41.06 0.20 0.00	48.67 0.25 0.00	41.08 0.20 0.00	35.42 0.17 0.00	36.97 0.18 0.00	37.78 0.19 0.00	38.28 0.19 0.00	44.21 0.22 0.00	55.98 0.34 0.00	61.60 0.37 0.00	61.24 0.34 0.00	69.97 0.35 0.00	63.09 0.32 0.00	66.27 0.33 0.00	51.71 0.21 0.00	58.45 0.25 0.00	53.12 0.23 0.00	42.22 0.17 0.00	48.07 0.19 0.00	42.70 0.16 0.00	41.40 0.16 0.00	43.87 0.17 0.00
WESTERN_NY_WIND 24143	49.46 0.21 0.00	45.42 -0.38 0.00	40.12 -1.08 -0.34	46.95 -1.48 0.00	39.82 -1.06 0.00	34.30 -0.94 0.00	35.88 -0.95 -0.04	37.44 -1.32 -1.17	36.86 -1.23 0.00	42.92 -1.07 0.00	53.64 -2.00 0.00	58.69 -2.55 -0.01	57.94 -3.02 -0.07	66.43 -3.27 -0.08	60.00 -2.81 -0.04	63.44 -2.50 0.00	49.80 -2.09 -0.38	57.53 -2.15 -1.48	51.82 -2.12 -1.05	41.15 -1.23 -0.33	47.01 -1.65 -0.78	41.46 -1.08 0.00	40.76 -0.48 0.00	43.67 -0.02 0.00
WESTOVER___LESR 323668	49.05 -0.20 0.00	45.51 -0.29 0.00	41.27 -0.39 -0.81	47.86 -0.57 0.00	40.49 -0.39 0.00	34.84 -0.40 0.00	36.48 -0.41 -0.10	39.91 -0.48 -2.80	37.62 -0.47 0.00	43.50 -0.49 0.00	54.92 -0.72 0.00	60.36 -0.88 -0.02	59.96 -1.09 -0.16	68.58 -1.23 -0.20	61.77 -1.09 -0.09	64.89 -1.05 0.00	51.59 -0.81 -0.89	60.91 -0.77 -3.47	55.47 -0.86 -3.44	42.31 -0.51 -0.77	49.09 -0.62 -1.84	41.93 -0.61 0.00	40.77 -0.47 0.00	43.28 -0.41 0.00
WETHRSFD_WT_PWR 323626	48.23 -1.02 0.00	44.25 -1.54 0.00	39.28 -2.05 -0.47	45.69 -2.74 0.00	38.62 -2.26 0.00	33.05 -2.19 0.00	34.47 -2.38 -0.06	36.61 -2.65 -1.67	35.55 -2.53 0.00	41.28 -2.70 0.00	51.65 -3.99 0.00	56.29 -4.95 -0.01	55.26 -5.73 -0.09	63.18 -6.55 -0.11	57.05 -5.78 -0.05	60.48 -5.46 0.00	47.36 -4.67 -0.52	55.29 -4.93 -2.03	49.06 -4.74 -0.91	39.13 -3.37 -0.45	45.01 -3.94 -1.07	39.30 -3.23 0.00	38.57 -2.67 0.00	41.39 -2.30 0.00
WHAVSTOR_138KV_BK127 55557	51.42 2.17 0.00	47.87 2.08 0.00	44.94 1.73 -2.35	50.44 2.01 0.00	42.54 1.66 0.00	36.81 1.57 0.00	38.80 1.71 -0.30	47.51 1.85 -8.07	39.82 1.73 -0.01	45.83 1.84 0.00	58.12 2.48 0.00	64.15 2.87 -0.05	64.36 3.01 -0.45	73.25 3.07 -0.57	65.66 2.63 -0.25	68.52 2.58 0.00	56.28 2.18 -2.59	70.89 2.60 -10.09	66.94 2.49 -11.56	46.25 1.96 -2.24	55.54 2.33 -5.33	44.58 2.03 -0.01	43.09 1.85 0.00	45.53 1.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.42 2.17 0.00	47.87 2.08 0.00	44.94 1.73 -2.35	50.44 2.01 0.00	42.54 1.66 0.00	36.81 1.57 0.00	38.80 1.71 -0.30	47.51 1.85 -8.07	39.82 1.73 -0.01	45.83 1.84 0.00	58.12 2.48 0.00	64.15 2.87 -0.05	64.36 3.01 -0.45	73.25 3.07 -0.57	65.66 2.63 -0.25	68.52 2.58 0.00	56.28 2.18 -2.59	70.89 2.60 -10.09	66.94 2.49 -11.56	46.25 1.96 -2.24	55.54 2.33 -5.33	44.58 2.03 -0.01	43.09 1.85 0.00	45.53 1.84 0.00
WHITEHAL_115KV_TB1 80871	54.25 5.00 0.00	49.97 4.17 0.00	47.71 3.75 -3.11	52.79 4.36 -0.01	44.70 3.82 0.00	38.57 3.33 0.00	40.98 3.79 -0.40	52.36 4.09 -10.69	42.31 4.21 -0.01	48.82 4.83 0.00	62.21 6.57 0.00	68.58 7.29 -0.06	68.42 6.93 -0.59	77.50 7.13 -0.76	69.92 6.80 -0.34	73.35 7.41 0.00	60.96 6.02 -3.44	78.08 6.49 -13.38	73.57 5.37 -15.32	49.49 4.47 -2.97	59.62 4.67 -7.07	46.71 4.16 -0.01	45.19 3.96 0.00	47.89 4.20 0.00
WHITEPLN_13_KV_LOAD 356215	52.08 2.82 0.00	48.46 2.66 0.00	45.52 2.25 -2.41	51.04 2.61 0.00	43.06 2.18 0.00	37.25 2.01 0.00	39.29 2.19 -0.31	48.21 2.33 -8.28	40.34 2.25 -0.01	46.44 2.46 0.00	58.91 3.27 0.00	65.06 3.78 -0.05	65.31 3.96 -0.46	74.31 4.11 -0.59	66.61 3.57 -0.26	69.50 3.57 0.00	57.14 2.97 -2.66	72.08 3.51 -10.37	68.09 3.33 -11.87	46.97 2.62 -2.30	56.41 3.06 -5.48	45.24 2.69 -0.01	43.72 2.48 0.00	46.12 2.42 0.00
WM_FLOYD_69_KV_BK2 356380	52.46 3.20 0.00	48.94 3.15 0.00	45.97 2.70 -2.42	51.69 3.26 0.00	43.77 2.89 0.00	38.14 2.90 0.00	39.97 2.87 -0.31	48.55 2.66 -8.30	40.65 2.56 -0.01	46.63 2.65 0.00	59.33 3.69 0.00	65.61 4.33 -0.05	66.46 5.06 -0.50	76.26 4.85 -1.79	68.61 4.52 -1.31	75.68 3.73 -6.01	61.00 3.10 -6.39	78.46 3.37 -16.89	73.60 3.06 -17.66	47.79 2.14 -3.61	56.15 2.78 -5.49	45.30 2.76 -0.01	43.98 2.74 0.00	46.28 2.59 0.00
WOODARD___115KV_TB2 355635	48.29 -0.96 0.00	44.83 -0.97 0.00	40.15 -0.94 -0.23	47.25 -1.18 0.00	39.94 -0.94 0.00	34.48 -0.76 0.00	36.01 -0.81 -0.03	37.51 -0.86 -0.78	37.24 -0.85 0.00	43.04 -0.94 0.00	54.39 -1.26 0.00	59.84 -1.40 0.00	59.52 -1.42 -0.04	68.33 -1.34 -0.06	61.64 -1.17 -0.03	64.77 -1.17 0.00	50.84 -0.92 -0.25	58.12 -1.06 -0.98	52.92 -1.09 -1.12	41.42 -0.85 -0.22	47.39 -1.01 -0.52	41.60 -0.94 0.00	40.36 -0.88 0.00	42.77 -0.93 0.00
WOODMERE_69_KV_BK1 55827	52.59 3.33 0.00	48.98 3.18 0.00	45.95 2.68 -2.42	51.57 3.14 0.00	43.55 2.67 0.00	37.76 2.52 0.00	39.51 2.41 -0.31	48.29 2.40 -8.30	40.38 2.28 -0.01	46.56 2.57 0.00	59.36 3.72 0.00	65.54 4.26 -0.05	66.11 4.69 -0.52	74.65 4.46 -0.59	66.99 3.95 -0.26	69.66 3.72 0.00	57.43 3.25 -2.67	72.40 3.81 -10.39	68.34 3.55 -11.90	47.08 2.72 -2.31	56.80 3.43 -5.49	45.65 3.10 -0.01	44.19 2.95 0.00	46.59 2.90 0.00
YORK___WARBASSE 23770	51.86 2.61 0.00	48.23 2.44 0.00	45.33 2.06 -2.42	50.80 2.36 0.00	42.84 1.97 0.00	37.09 1.85 0.00	39.12 2.03 -0.31	48.10 2.20 -8.30	40.20 2.11 -0.01	46.30 2.32 0.00	58.70 3.06 0.00	64.85 3.57 -0.05	65.06 3.70 -0.46	73.99 3.79 -0.59	66.26 3.22 -0.26	69.12 3.18 0.00	56.87 2.70 -2.67	71.77 3.17 -10.39	67.88 3.09 -11.90	46.77 2.41 -2.31	56.24 2.87 -5.49	45.12 2.57 -0.01	43.57 2.33 0.00	45.94 2.25 0.00