

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																--- Marginal Cost of Losses																--- Marginal Cost of Congestion																06/05/2025		
Name	PTID	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																											
59TH STREET_GT_1	24138	31.96	26.45	23.71	22.68	23.18	26.76	32.17	33.25	34.77	34.94	38.29	39.17	41.99	45.73	48.26	50.15	53.91	69.01	62.20	60.59	52.59	47.31	41.92	40.45																											
		2.31	2.22	1.92	1.76	1.76	1.59	1.85	2.43	2.55	2.62	2.84	3.24	3.45	3.89	4.40	4.28	4.51	5.64	5.89	4.85	3.71	3.05	2.63	2.58																											
		0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	1.61	2.41	2.48	0.10	0.66	-7.58	-0.24	0.00	0.00	0.00	0.00	0.01																											
74TH STREET_GT_1	24260	32.07	26.53	23.76	22.72	23.22	26.79	32.23	33.28	34.80	34.98	38.33	39.21	42.03	45.77	48.31	50.15	53.86	69.01	62.26	60.70	52.69	47.44	42.04	40.57																											
		2.43	2.29	1.96	1.80	1.80	1.61	1.91	2.47	2.58	2.65	2.87	3.28	3.49	3.94	4.45	4.28	4.46	5.64	5.94	4.96	3.81	3.19	2.75	2.69																											
		0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	1.61	2.41	2.48	0.10	0.66	-7.58	-0.24	0.00	0.00	0.00	0.00	0.01																											
74TH STREET_GT_2	24261	32.07	26.53	23.76	22.72	23.22	26.79	32.23	33.28	34.80	34.98	38.33	39.21	42.03	45.77	48.31	50.15	53.86	69.01	62.26	60.70	52.69	47.44	42.04	40.57																											
		2.43	2.29	1.96	1.80	1.80	1.61	1.91	2.47	2.58	2.65	2.87	3.28	3.49	3.94	4.45	4.28	4.46	5.64	5.94	4.96	3.81	3.19	2.75	2.69																											
		0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	1.61	2.41	2.48	0.10	0.66	-7.58	-0.24	0.00	0.00	0.00	0.00	0.01																											
ADK HUDSON___FALLS	24011	31.98	30.05	23.63	22.55	23.05	26.86	32.29	32.76	34.25	34.14	36.77	37.29	40.08	43.73	45.93	48.30	60.52	59.31	59.66	58.81	51.67	47.00	41.37	39.88																											
		2.34	2.08	1.83	1.63	1.63	1.69	1.97	1.94	2.03	1.81	1.31	1.55	1.73	2.17	2.36	2.44	2.45	3.52	3.59	3.07	2.79	2.74	2.08	2.01																											
		0.00	-4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	1.79	2.68	2.77	0.11	-8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01																											
ADK RESOURCE___RCVRY	23798	32.13	30.19	23.71	22.61	23.14	26.96	32.41	32.91	34.41	34.33	36.91	37.44	40.28	43.94	46.07	48.58	60.32	59.59	59.94	59.08	51.91	47.31	41.57	40.07																											
		2.49	2.20	1.92	1.69	1.71	1.79	2.09	2.10	2.19	2.00	1.45	1.70	1.93	2.39	2.50	2.71	2.70	3.80	3.87	3.34	3.03	3.05	2.28	2.20																											
		0.00	-4.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	1.79	2.69	2.77	0.11	-7.55	0.00	0.00	0.00	0.00	0.00	0.00	0.01																											
ADK S GLENS___FALLS	24028	31.98	30.05	23.63	22.55	23.05	26.86	32.29	32.76	34.25	34.14	36.77	37.29	40.08	43.73	45.93	48.30	60.52	59.31	59.66	58.81	51.67	47.00	41.37	39.88																											
		2.34	2.08	1.83	1.63	1.63	1.69	1.97	1.94	2.03	1.81	1.31	1.55	1.73	2.17	2.36	2.44	2.45	3.52	3.59	3.07	2.79	2.74	2.08	2.01																											
		0.00	-4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	1.79	2.68	2.77	0.11	-8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01																											
ADK_NYS___DAM	23527	32.28	29.35	23.97	22.97	23.48	27.24	32.62	32.82	34.31	34.17	37.47	38.12	40.85	44.45	46.55	48.90	69.10	61.87	60.78	59.70	52.15	47.04	41.77	40.79																											
		2.64	2.46	2.18	2.05	2.06	2.06	2.30	2.00	2.09	1.84	2.02	2.34	2.45	2.83	2.92	3.03	3.21	4.35	4.65	3.96	3.28	2.79	2.48	2.92																											
		0.00	-3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.91	1.75	2.62	2.71	0.11	-15.83	-1.72	-0.05	0.00	0.00	0.00	0.00	0.01																											
AIR_PRODUCTS___DRP	24190	30.09	26.51	22.30	21.34	21.83	25.38	30.38	30.91	32.25	32.26	35.38	35.87	38.32	41.67	43.65	45.87	39.30	56.19	56.64	55.74	48.83	44.08	39.13	37.76																											
		0.44	0.55	0.50	0.42	0.41	0.20	0.06	0.09	0.03	-0.06	-0.07	0.08	-0.08	0.04	0.00	0.00	-0.30	0.39	0.56	0.00	-0.05	-0.18	-0.16	-0.11																											
		0.00	-2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.74	2.61	2.70	0.11	10.46	0.00	0.00	0.00	0.00	0.00	0.00	0.01																											
AKWESSNE_115KV_BK	355683	29.26	23.33	21.32	20.48	20.99	24.95	30.32	30.85	32.25	32.49	35.63	37.00	39.48	43.23	45.25	46.02	49.77	55.63	55.68	55.96	49.12	44.52	39.53	38.22																											
		-0.39	-0.55	-0.48	-0.44	-0.43	-0.23	0.00	0.03	0.03	0.16	0.18	0.08	0.04	0.04	0.00	0.09	0.00	-0.17	-0.39	0.22	0.24	0.27	0.24	0.34																											
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.71	1.06	1.10	0.04	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00																											
ALBANY_1_SOLAR	323833	30.62	26.35	22.69	21.72	22.19	25.81	30.89	31.28	32.54	32.49	35.60	36.05	38.63	42.02	43.87	46.24	43.33	56.13	56.69	55.80	49.03	44.25	39.25	37.88																											
		0.98	0.91	0.89	0.79	0.77	0.63	0.57	0.46	0.32	0.16	0.14	0.23	0.20	0.35	0.19	0.37	0.55	0.34	0.62	0.06	0.15	0.00	-0.04	0.00																											
		0.00	-1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.72	2.58	2.66	0.11	7.29	0.00	0.00	0.00	0.00	0.00	0.00	0.01																											
ALBANY_2_SOLAR	323834	30.62	26.35	22.69	21.72	22.19	25.81	30.89	31.28	32.54	32.49	35.60	36.05	38.63	42.02	43.87	46.24	43.28	56.08	56.64	55.74	49.03	44.25	39.25	37.88																											
		0.98	0.91	0.89	0.79	0.77	0.63	0.57	0.46	0.32	0.16	0.14	0.23	0.20	0.35	0.19	0.37	0.50	0.28	0.56	0.00	0.15	0.00	-0.04	0.00																											
		0.00	-1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.72	2.58	2.66	0.11	7.28	0.00	0.00	0.00	0.00	0.00	0.00	0.01																											
ALBANY___1	23571	30.09	26.51	22.30	21.34	21.83	25.38	30.38	30.91	32.25	32.26	35.38	35.87	38.32	41.67	43.65	45.87	39.30	56.19	56.64	55.74	48.83	44.08	39.13	37.76																											
		0.44	0.55	0.50	0.42	0.41	0.20	0.06	0.09	0.03	-0.06	-0.07	0.08	-0.08	0.04	0.00	0.00	-0.30	0.39	0.56	0.00	-0.05	-0.18	-0.16	-0.11																											
		0.00	-2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.74	2.61	2.70	0.11	10.46	0.00	0.00	0.00	0.00	0.00	0.00	0.01																											

ALBANY___2 23572	30.09 0.44 0.00	26.51 0.55 -2.08	22.30 0.50 0.00	21.34 0.42 0.00	21.83 0.41 0.00	25.38 0.20 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.25 0.03 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	35.87 0.08 1.90	38.32 -0.08 1.74	41.67 0.04 2.61	43.65 0.00 2.70	45.87 0.00 0.11	39.30 -0.30 10.46	56.19 0.39 0.00	56.64 0.56 0.00	55.74 0.00 0.00	48.83 -0.05 0.00	44.08 -0.18 0.00	39.13 -0.16 0.00	37.76 -0.11 0.01
ALBANY___3 23573	30.09 0.44 0.00	26.51 0.55 -2.08	22.30 0.50 0.00	21.34 0.42 0.00	21.83 0.41 0.00	25.38 0.20 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.25 0.03 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	35.87 0.08 1.90	38.32 -0.08 1.74	41.67 0.04 2.61	43.65 0.00 2.70	45.87 0.00 0.11	39.30 -0.30 10.46	56.19 0.39 0.00	56.64 0.56 0.00	55.74 0.00 0.00	48.83 -0.05 0.00	44.08 -0.18 0.00	39.13 -0.16 0.00	37.76 -0.11 0.01
ALBANY___4 23574	30.09 0.44 0.00	26.51 0.55 -2.08	22.30 0.50 0.00	21.34 0.42 0.00	21.83 0.41 0.00	25.38 0.20 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.25 0.03 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	35.87 0.08 1.90	38.32 -0.08 1.74	41.67 0.04 2.61	43.65 0.00 2.70	45.87 0.00 0.11	39.30 -0.30 10.46	56.19 0.39 0.00	56.64 0.56 0.00	55.74 0.00 0.00	48.83 -0.05 0.00	44.08 -0.18 0.00	39.13 -0.16 0.00	37.76 -0.11 0.01
ALBANY___LFGE 323615	30.38 0.74 0.00	27.33 0.79 -2.67	22.51 0.72 0.00	21.53 0.61 0.00	22.02 0.60 0.00	25.60 0.43 0.00	30.65 0.33 0.00	31.19 0.37 0.00	32.48 0.26 0.00	32.49 0.16 0.00	35.67 0.21 0.00	36.16 0.38 1.92	38.71 0.32 1.75	42.10 0.49 2.62	43.96 0.33 2.71	46.33 0.46 0.11	40.35 0.30 10.02	56.80 1.01 0.00	57.25 1.18 0.00	56.41 0.67 0.00	49.47 0.59 0.00	44.61 0.35 0.00	39.57 0.28 0.00	38.18 0.30 0.01
ALCOA_PA_115KV_PL-6C 55860	29.29 -0.36 0.00	23.35 -0.53 0.00	21.34 -0.46 0.00	20.50 -0.42 0.00	21.04 -0.39 0.00	24.97 -0.20 0.00	30.41 0.09 0.00	30.94 0.12 0.00	32.32 0.10 0.00	32.55 0.23 0.00	35.74 0.28 0.00	37.06 0.15 0.79	39.54 0.12 0.72	43.25 0.09 1.08	45.32 0.09 1.12	46.07 0.14 0.04	49.82 0.05 0.30	55.68 -0.11 0.00	55.74 -0.34 0.00	56.07 0.33 0.00	49.17 0.29 0.00	44.65 0.40 0.00	39.68 0.39 0.00	38.41 0.53 0.00
ALCOA_RYNLDS___DRP 24188	29.29 -0.36 0.00	23.35 -0.53 0.00	21.34 -0.46 0.00	20.50 -0.42 0.00	21.04 -0.39 0.00	24.97 -0.20 0.00	30.41 0.09 0.00	30.94 0.12 0.00	32.32 0.10 0.00	32.55 0.23 0.00	35.74 0.28 0.00	37.06 0.15 0.79	39.54 0.12 0.72	43.25 0.09 1.08	45.32 0.09 1.12	46.07 0.14 0.04	49.82 0.05 0.30	55.68 -0.11 0.00	55.74 -0.34 0.00	56.07 0.33 0.00	49.17 0.29 0.00	44.65 0.40 0.00	39.68 0.39 0.00	38.41 0.53 0.00
ALCOA___DSASP 323711	29.29 -0.35 0.00	23.35 -0.53 0.00	21.34 -0.46 0.00	20.50 -0.42 0.00	21.04 -0.38 0.00	24.97 -0.20 0.00	30.41 0.09 0.00	30.94 0.12 0.00	32.32 0.10 0.00	32.55 0.23 0.00	35.74 0.28 0.00	37.02 0.11 0.79	39.50 0.08 0.72	43.25 0.09 1.08	45.27 0.05 1.12	45.98 0.05 0.04	49.82 0.05 0.30	55.74 -0.06 0.00	55.80 -0.28 0.00	56.08 0.34 0.00	49.17 0.30 0.00	44.70 0.44 0.00	39.68 0.39 0.00	38.41 0.53 0.00
ALLEGHENY___COGEN 23514	30.35 0.71 0.00	24.59 0.72 0.00	22.47 0.68 0.00	21.82 0.90 0.00	22.23 0.81 0.00	26.08 0.91 0.00	30.89 0.57 0.00	31.09 0.28 0.00	32.35 0.13 0.00	32.00 -0.32 0.00	34.89 -0.57 0.00	35.01 -0.79 1.90	37.74 -0.68 1.72	39.22 -2.43 2.59	41.22 -2.46 2.67	43.25 -2.62 0.11	47.30 -2.05 0.70	53.28 -2.23 0.28	55.00 -1.07 0.01	55.07 -0.67 0.00	48.98 0.10 0.00	44.92 0.66 0.00	41.06 1.77 0.00	38.78 0.91 0.01
ALTAMONT_115KV_TB 2 55880	30.41 0.77 0.00	26.34 0.81 -1.65	22.54 0.74 0.00	21.59 0.67 0.00	22.08 0.66 0.00	25.68 0.50 0.00	30.80 0.49 0.00	31.31 0.49 0.00	32.70 0.48 0.00	32.71 0.39 0.00	35.88 0.43 0.00	36.33 0.53 1.89	38.98 0.56 1.73	42.36 0.71 2.59	44.41 0.74 2.68	46.56 0.69 0.11	45.48 0.70 5.28	56.34 1.12 0.57	57.35 1.29 0.02	56.58 0.84 0.00	49.56 0.68 0.00	44.78 0.53 0.00	39.76 0.47 0.00	38.33 0.45 0.01
ALTONA_WT_PWR 323606	29.14 -0.50 0.00	23.23 -0.64 0.00	21.23 -0.57 0.00	20.42 -0.50 0.00	20.97 -0.45 0.00	24.92 -0.25 0.00	30.35 0.03 0.00	30.94 0.12 0.00	32.38 0.16 0.00	32.62 0.29 0.00	35.77 0.32 0.00	37.08 0.15 0.77	39.53 0.08 1.05	43.29 0.09 1.08	45.31 0.05 1.08	46.12 0.18 0.04	49.98 0.20 0.29	55.96 0.17 0.00	56.19 0.11 0.00	56.46 0.72 0.00	49.51 0.63 0.00	44.92 0.66 0.00	39.80 0.51 0.00	38.53 0.64 0.00
AMERICAN_REF_FUEL 24010	28.22 -1.42 0.00	23.31 -0.57 0.00	21.27 -0.52 0.00	20.69 -0.23 0.00	21.08 -0.34 0.00	24.47 -0.70 0.00	28.89 -1.42 0.00	29.00 -1.82 0.00	30.64 -1.58 0.00	30.55 -1.78 0.00	33.29 -2.16 0.00	33.23 -2.45 2.02	35.90 -2.41 1.84	38.48 -3.01 2.75	40.39 -3.10 2.84	41.91 -3.95 0.11	45.86 -3.45 0.75	51.31 -4.19 0.30	52.87 -3.19 0.01	52.45 -3.29 0.00	46.19 -2.69 0.00	42.57 -1.68 0.00	37.84 -1.45 0.00	35.87 -2.01 0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.75 -0.89 0.00	23.76 -0.12 0.00	21.67 -0.13 0.00	21.19 0.27 0.00	21.66 0.24 0.00	25.23 0.05 0.00	30.04 -0.27 0.00	30.35 -0.46 0.00	32.22 0.00 0.00	32.20 -0.13 0.00	35.13 -0.32 0.00	35.21 -0.49 2.00	38.05 -0.28 1.82	40.90 -0.62 2.72	42.74 -0.79 2.81	44.21 -1.65 0.11	48.47 -0.85 0.74	54.34 -1.17 0.28	56.01 -0.06 0.01	55.52 -0.22 0.00	48.93 0.05 0.00	44.92 0.66 0.00	39.80 0.51 0.00	37.65 -0.23 0.01
ARTHUR KILL_GT_1 23520	32.35 2.70 -0.01	26.77 2.53 -0.36	24.00 2.20 -0.01	22.98 2.05 -0.01	23.49 2.06 -0.01	27.01 1.84 0.00	32.32 2.00 0.00	33.28 2.47 0.00	34.61 2.38 0.00	34.85 2.52 0.00	38.25 2.80 0.00	39.21 3.28 1.77	41.75 3.21 1.61	43.28 3.32 4.28	43.77 3.94 6.51	45.52 3.77 4.23	46.04 3.70 7.73	58.59 4.85 2.06	51.87 5.21 9.42	50.32 4.24 9.66	46.01 3.18 6.04	43.20 2.74 3.80	41.84 2.55 0.00	40.61 2.73 0.01
ARTHUR_KILL_2 23512	32.23 2.58 -0.01	26.70 2.46 -0.36	23.96 2.16 -0.01	22.92 1.99 -0.01	23.42 1.99 -0.01	26.94 1.76 0.00	32.23 1.91 0.00	33.13 2.31 0.00	34.51 2.29 0.00	34.72 2.39 0.00	38.15 2.69 0.00	39.10 3.17 1.77	41.63 3.09 1.61	43.06 3.10 4.28	43.26 3.43 6.51	45.34 3.59 4.23	45.69 3.35 7.73	58.20 4.47 2.06	51.48 4.82 9.42	49.93 3.84 9.66	45.82 2.98 6.04	43.02 2.57 3.80	41.84 2.55 0.00	40.45 2.58 0.01
ARTHUR_KILL_3 23513	31.69 2.04 0.00	26.21 1.98 -0.35	23.50 1.70 0.00	22.45 1.53 0.00	22.94 1.52 0.00	26.45 1.28 0.01	31.80 1.49 0.00	32.85 2.03 0.00	34.41 2.19 0.00	34.53 2.20 0.00	37.87 2.41 0.00	38.72 2.79 1.77	41.43 2.89 1.61	43.16 3.19 4.27	43.25 3.43 6.52	45.33 3.59 4.23	45.88 3.55 7.74	58.35 4.63 2.07	51.58 4.94 9.43	50.03 3.96 9.66	45.81 2.98 6.05	42.92 2.48 3.81	41.60 2.32 0.01	40.03 2.16 0.02

ARTHUR_KILL_COGEN 323718	32.35 2.70 -0.01	26.77 2.53 -0.36	24.00 2.20 -0.01	22.98 2.05 -0.01	23.49 2.06 -0.01	27.01 1.84 0.00	32.32 2.00 0.00	33.25 2.43 0.00	34.61 2.38 0.00	34.82 2.49 0.00	38.25 2.80 0.00	39.25 3.32 1.77	41.75 3.21 1.61	43.24 3.27 4.28	43.49 3.66 6.51	45.57 3.81 4.23	45.89 3.55 7.73	58.47 4.74 2.06	51.76 5.10 9.42	50.21 4.12 9.66	46.06 3.23 6.04	43.24 2.79 3.80	42.00 2.71 0.00	40.61 2.73 0.01
ASHOKAN____ 23654	31.75 2.10 0.00	25.74 0.67 -1.19	23.50 1.70 0.00	22.45 1.53 0.00	22.90 1.48 0.00	26.71 1.54 0.00	32.01 1.70 0.00	32.60 1.79 0.00	33.96 1.74 0.00	33.91 1.58 0.00	37.05 1.60 0.00	37.86 2.00 1.83	40.60 2.13 1.67	44.30 2.57 2.51	46.68 2.92 2.59	49.14 3.26 0.10	51.30 6.61 5.38	66.71 8.20 -2.71	64.74 8.58 -0.09	60.25 4.51 0.00	52.89 4.01 0.00	47.35 3.10 0.00	41.81 2.52 0.00	40.38 2.50 0.01
ASTORIA_EAST_ENERGY_CC1 323581	32.02 2.37 -0.01	26.44 2.20 -0.36	23.77 1.96 -0.01	22.73 1.80 -0.01	23.23 1.80 -0.01	26.69 1.51 0.00	31.92 1.61 0.00	32.88 2.06 0.00	34.34 2.13 0.01	34.52 2.20 0.01	37.82 2.38 0.01	38.75 2.83 1.78	41.46 2.93 1.61	44.92 3.10 2.42	47.29 3.43 2.48	49.36 3.49 0.11	52.70 3.30 0.66	67.72 4.35 -7.57	61.02 4.71 -0.23	59.58 3.84 0.01	51.71 2.83 0.01	47.13 2.87 0.00	42.01 2.71 -0.01	40.46 2.58 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.02 2.37 -0.01	26.44 2.20 -0.36	23.77 1.96 -0.01	22.73 1.80 -0.01	23.23 1.80 -0.01	26.69 1.51 0.00	31.92 1.61 0.00	32.88 2.06 0.00	34.34 2.13 0.01	34.52 2.20 0.01	37.82 2.38 0.01	38.75 2.83 1.78	41.46 2.93 1.61	44.92 3.10 2.42	47.29 3.43 2.48	49.36 3.49 0.11	52.70 3.30 0.66	67.72 4.35 -7.57	61.02 4.71 -0.23	59.58 3.84 0.01	51.71 2.83 0.01	47.13 2.87 0.00	42.01 2.71 -0.01	40.46 2.58 0.00
ASTORIA_GT2_1 24094	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT2_2 24095	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT2_3 24096	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT2_4 24097	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT3_1 24098	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT3_2 24099	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT3_3 24100	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT3_4 24101	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT4_1 24102	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT4_2 24103	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT4_3 24104	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00

ASTORIA_GT4_4 24105	32.05 2.40 -0.01	26.46 2.22 -0.36	23.76 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.76 2.83 1.77	41.51 2.97 1.61	45.02 3.19 2.41	47.62 3.75 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.63 3.90 0.01	51.71 2.84 0.01	47.13 2.88 0.00	41.89 2.59 -0.01	40.46 2.58 0.00
ASTORIA_GT_1 23523	32.08 2.43 -0.01	26.51 2.27 -0.36	23.81 2.01 -0.01	22.77 1.84 -0.01	23.27 1.84 -0.01	26.74 1.56 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.44 2.22 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.76 3.89 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.30 4.99 -0.23	59.75 4.01 0.01	51.85 2.98 0.01	47.26 3.01 0.00	41.97 2.67 -0.01	40.54 2.65 0.00
ASTORIA_GT_10 24110	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.67 1.74 -0.01	23.16 1.74 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	33.03 2.22 0.00	34.48 2.26 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.71 3.85 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.24 4.93 -0.23	59.69 3.96 0.01	51.81 2.93 0.01	46.95 2.70 0.00	41.77 2.48 0.00	40.38 2.50 0.01
ASTORIA_GT_11 24225	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.67 1.74 -0.01	23.16 1.74 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	33.03 2.22 0.00	34.48 2.26 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.71 3.85 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.24 4.93 -0.23	59.69 3.96 0.01	51.81 2.93 0.01	46.95 2.70 0.00	41.77 2.48 0.00	40.38 2.50 0.01
ASTORIA_GT_12 24226	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.67 1.74 -0.01	23.16 1.74 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	33.03 2.22 0.00	34.48 2.26 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.71 3.85 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.24 4.93 -0.23	59.69 3.96 0.01	51.81 2.93 0.01	46.95 2.70 0.00	41.77 2.48 0.00	40.38 2.50 0.01
ASTORIA_GT_13 24227	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.67 1.74 -0.01	23.16 1.74 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	33.03 2.22 0.00	34.48 2.26 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.71 3.85 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.24 4.93 -0.23	59.69 3.96 0.01	51.81 2.93 0.01	46.95 2.70 0.00	41.77 2.48 0.00	40.38 2.50 0.01
ASTORIA_GT_5 24106	32.08 2.43 -0.01	26.51 2.27 -0.36	23.81 2.01 -0.01	22.77 1.84 -0.01	23.27 1.84 -0.01	26.74 1.56 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.44 2.22 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.76 3.89 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.30 4.99 -0.23	59.75 4.01 0.01	51.85 2.98 0.01	47.26 3.01 0.00	41.97 2.67 -0.01	40.54 2.65 0.00
ASTORIA_GT_7 24107	32.08 2.43 -0.01	26.51 2.27 -0.36	23.81 2.01 -0.01	22.77 1.84 -0.01	23.27 1.84 -0.01	26.74 1.56 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.44 2.22 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.76 3.89 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.30 4.99 -0.23	59.75 4.01 0.01	51.85 2.98 0.01	47.26 3.01 0.00	41.97 2.67 -0.01	40.54 2.65 0.00
ASTORIA_GT_8 24108	32.08 2.43 -0.01	26.51 2.27 -0.36	23.81 2.01 -0.01	22.77 1.84 -0.01	23.27 1.84 -0.01	26.74 1.56 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.44 2.22 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.76 3.89 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.30 4.99 -0.23	59.75 4.01 0.01	51.85 2.98 0.01	47.26 3.01 0.00	41.97 2.67 -0.01	40.54 2.65 0.00
ASTORIA___2 24149	32.05 2.40 -0.01	26.46 2.22 -0.36	23.77 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.88 2.06 0.00	34.37 2.16 0.01	34.52 2.20 0.01	37.86 2.41 0.01	38.79 2.86 1.78	41.50 2.97 1.61	44.97 3.14 2.42	47.34 3.48 2.48	49.41 3.54 0.11	52.75 3.35 0.66	67.78 4.41 -7.57	61.07 4.76 -0.23	59.58 3.84 0.01	51.76 2.88 0.01	47.13 2.87 0.00	42.05 2.75 -0.01	40.50 2.61 0.00
ASTORIA___3 23516	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.66 1.74 -0.01	23.16 1.73 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.48 2.25 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.11 3.27 2.41	47.43 3.57 2.48	49.56 3.68 0.10	52.91 3.50 0.66	67.95 4.58 -7.58	61.18 4.88 -0.23	59.63 3.90 0.01	51.85 2.98 0.01	46.95 2.70 0.00	41.88 2.59 0.00	40.38 2.50 0.01
ASTORIA___4 23517	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.67 1.74 -0.01	23.16 1.74 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	33.03 2.22 0.00	34.48 2.26 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.71 3.85 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.24 4.93 -0.23	59.69 3.96 0.01	51.81 2.93 0.01	46.95 2.70 0.00	41.77 2.48 0.00	40.38 2.50 0.01
ASTORIA___5 23518	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.66 1.74 -0.01	23.16 1.73 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.48 2.25 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.11 3.27 2.41	47.43 3.57 2.48	49.56 3.68 0.10	52.91 3.50 0.66	67.95 4.58 -7.58	61.18 4.88 -0.23	59.63 3.90 0.01	51.85 2.98 0.01	46.95 2.70 0.00	41.88 2.59 0.00	40.38 2.50 0.01
AST_ENERGY_2_CC3 323677	30.51 2.14 1.27	26.31 2.08 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.56 1.38 0.00	30.51 1.58 1.38	30.51 2.12 2.43	30.51 2.22 3.93	30.51 2.26 4.08	31.60 2.48 6.34	31.60 2.86 8.96	31.60 3.01 11.56	31.60 3.32 15.96	31.60 3.62 18.36	33.84 3.77 15.91	35.05 3.80 18.81	49.85 4.85 10.80	43.13 5.16 18.10	41.58 4.18 18.34	36.43 3.23 15.67	31.66 2.66 15.25	33.10 2.44 8.63	31.60 2.31 8.60
AST_ENERGY_2_CC4 323678	30.51 2.14 1.27	26.31 2.08 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.56 1.38 0.00	30.51 1.58 1.38	30.51 2.12 2.43	30.51 2.22 3.93	30.51 2.26 4.08	31.60 2.48 6.34	31.60 2.86 8.96	31.60 3.01 11.56	31.60 3.32 15.96	31.60 3.62 18.36	33.84 3.77 15.91	35.05 3.80 18.81	49.85 4.85 10.80	43.13 5.16 18.10	41.58 4.18 18.34	36.43 3.23 15.67	31.66 2.66 15.25	33.10 2.44 8.63	31.60 2.31 8.60

ATHENS_STG_1 23668	30.68 1.04 0.00	25.17 1.10 -0.19	22.80 1.00 0.00	21.82 0.90 0.00	22.32 0.90 0.00	25.88 0.70 0.00	31.04 0.73 0.00	31.55 0.74 0.00	32.93 0.71 0.00	32.97 0.65 0.00	36.20 0.75 0.00	36.76 0.90 1.84	39.40 0.92 1.67	42.80 1.06 2.51	44.91 1.16 2.59	47.11 1.24 0.10	50.63 1.25 0.68	53.52 1.56 3.84	57.80 1.85 0.12	57.02 1.28 0.00	49.86 0.98 0.00	44.96 0.71 0.00	40.00 0.71 0.00	38.67 0.80 0.01
ATHENS_STG_2 23670	30.68 1.04 0.00	25.17 1.10 -0.19	22.80 1.00 0.00	21.82 0.90 0.00	22.32 0.90 0.00	25.88 0.70 0.00	31.04 0.73 0.00	31.55 0.74 0.00	32.93 0.71 0.00	32.97 0.65 0.00	36.20 0.75 0.00	36.76 0.90 1.84	39.40 0.92 1.67	42.80 1.06 2.51	44.91 1.16 2.59	47.11 1.24 0.10	50.63 1.25 0.68	53.52 1.56 3.84	57.80 1.85 0.12	57.02 1.28 0.00	49.86 0.98 0.00	44.96 0.71 0.00	40.00 0.71 0.00	38.67 0.80 0.01
ATHENS_STG_3 23677	30.68 1.04 0.00	25.17 1.10 -0.19	22.80 1.00 0.00	21.82 0.90 0.00	22.32 0.90 0.00	25.88 0.70 0.00	31.04 0.73 0.00	31.55 0.74 0.00	32.93 0.71 0.00	32.97 0.65 0.00	36.20 0.75 0.00	36.76 0.90 1.84	39.40 0.92 1.67	42.80 1.06 2.51	44.91 1.16 2.59	47.11 1.24 0.10	50.63 1.25 0.68	53.52 1.56 3.84	57.80 1.85 0.12	57.02 1.28 0.00	49.86 0.98 0.00	44.96 0.71 0.00	40.00 0.71 0.00	38.67 0.80 0.01
AUBURN___LFGE 323710	29.85 0.21 0.00	24.17 0.29 0.00	22.08 0.28 0.00	21.28 0.36 0.00	21.70 0.28 0.00	25.43 0.25 0.00	30.44 0.12 0.00	30.88 0.06 0.00	32.41 0.19 0.00	32.36 0.03 0.00	35.53 0.07 0.00	37.15 0.08 0.63	39.74 0.16 0.57	43.34 -0.04 0.85	45.28 -0.19 0.88	45.67 -0.28 0.04	49.83 0.00 0.23	55.65 0.17 0.31	56.68 0.62 0.01	56.07 0.33 0.00	49.27 0.39 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.85 -0.04 0.00
BABYLON_RES_REC 323704	32.14 2.49 -0.01	26.68 2.44 -0.37	23.84 2.05 0.00	22.76 1.84 0.00	23.20 1.78 0.00	26.71 1.54 0.00	32.42 2.09 -0.01	33.42 2.59 -0.01	34.87 2.64 -0.01	34.92 2.59 -0.01	42.09 2.66 -3.98	44.07 2.94 -3.42	44.46 3.05 -1.27	47.84 2.79 -0.81	45.70 2.78 3.42	50.24 2.95 -1.32	60.66 2.70 -7.89	71.51 3.62 -12.09	67.13 4.04 -7.01	62.23 3.18 -3.31	54.40 2.59 -2.93	45.49 2.21 0.98	44.30 2.44 -2.57	42.96 2.50 -2.57
BALL_HILL_WT_PWR 323825	28.84 -0.80 0.00	23.78 -0.10 0.00	21.69 -0.11 0.00	21.13 0.21 0.00	21.55 0.13 0.00	25.05 -0.13 0.00	29.71 -0.61 0.00	29.95 -0.86 0.00	31.70 -0.52 0.00	31.65 -0.68 0.00	34.50 -0.96 0.00	34.56 -1.13 2.01	37.36 -0.96 1.83	40.13 -1.37 2.74	41.99 -1.53 2.83	43.52 -2.34 0.11	47.67 -1.65 0.75	53.44 -2.06 0.29	55.11 -0.95 0.01	54.63 -1.11 0.00	48.10 -0.78 0.00	44.12 -0.13 0.00	39.17 -0.12 0.00	37.08 -0.80 0.01
BARON_WINDS___WT_PWR 323822	29.08 -0.56 0.00	23.76 -0.12 0.00	21.71 -0.09 0.00	21.11 0.19 0.00	21.59 0.17 0.00	25.20 0.03 0.00	29.98 -0.33 0.00	30.26 -0.55 0.00	31.80 -0.42 0.00	31.71 -0.62 0.00	34.67 -0.78 0.00	34.87 -0.94 1.89	37.58 -0.84 1.72	40.38 -1.28 2.58	42.33 -1.35 2.67	43.98 -1.89 0.11	48.01 -1.35 0.70	54.10 -1.45 0.24	55.68 -0.39 0.01	55.35 -0.39 0.00	48.78 -0.10 0.00	44.52 0.27 0.00	39.60 0.31 0.00	37.65 -0.23 0.01
BARRETT_IC_1 23704	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_10 23701	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_11 23702	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_12 23703	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_2 23705	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_3 23706	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_4 23707	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_5 23708	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85

BARRETT_IC_6 23709	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_7 23710	32.00 2.34 -0.01	26.56 2.32 -0.36	23.78 1.98 0.00	22.72 1.80 0.00	23.16 1.74 0.00	26.69 1.51 0.00	32.30 1.97 -0.01	33.17 2.34 -0.01	34.71 2.48 -0.01	34.79 2.46 -0.01	79.39 2.66 -41.27	92.90 3.09 -52.11	71.33 2.93 -28.26	88.88 3.19 -41.45	72.86 3.38 -23.13	115.22 3.26 -65.98	94.55 3.25 -41.23	114.31 4.18 -54.33	131.10 4.54 -70.48	90.50 3.62 -31.14	82.20 2.93 -30.39	70.81 2.52 -24.03	68.43 2.44 -26.70	67.20 2.46 -26.85
BARRETT_IC_8 23711	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT_IC_9 23700	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT___1 23545	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BARRETT___2 23546	32.00 2.34 -0.02	26.57 2.32 -0.37	23.79 1.98 -0.01	22.73 1.80 -0.01	23.18 1.76 -0.01	26.69 1.51 -0.01	32.28 1.94 -0.02	33.14 2.31 -0.02	34.72 2.48 -0.02	34.80 2.46 -0.02	79.31 2.59 -41.27	92.59 2.79 -52.11	71.33 2.93 -28.26	88.84 3.14 -41.45	72.58 3.11 -23.13	115.27 3.31 -65.98	94.50 3.21 -41.23	114.26 4.13 -54.33	131.04 4.49 -70.48	90.50 3.62 -31.14	82.25 2.98 -30.39	70.81 2.52 -24.03	68.51 2.52 -26.70	67.35 2.61 -26.85
BATAVIA___115KV_TB1 55881	29.73 0.09 0.00	24.26 0.38 0.00	22.12 0.33 0.00	21.51 0.59 0.00	21.89 0.47 0.00	25.53 0.35 0.00	30.20 -0.12 0.00	30.48 -0.34 0.00	32.22 0.00 0.00	32.04 -0.29 0.00	35.03 -0.43 0.00	35.17 -0.53 2.00	37.85 -0.48 1.82	40.59 -0.93 2.73	41.95 -1.58 2.82	44.07 -1.79 0.11	48.27 -1.05 0.74	54.15 -1.34 0.31	55.73 -0.34 0.01	55.24 -0.50 0.00	48.73 -0.15 0.00	44.78 0.53 0.00	39.72 0.43 0.00	37.57 -0.30 0.01
BAYONEEC___CTG1 323682	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BAYONEEC___CTG10 323750	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BAYONEEC___CTG2 323683	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BAYONEEC___CTG3 323684	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BAYONEEC___CTG4 323685	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BAYONEEC___CTG5 323686	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BAYONEEC___CTG6 323687	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BAYONEEC___CTG7 323688	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01

BAYONEEC___CTG8 323689	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BAYONEEC___CTG9 323749	31.81 2.16 0.00	26.34 2.10 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	59.97 4.23 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BEACON___LESR 323632	30.50 0.86 0.00	26.89 0.88 -2.13	22.60 0.81 0.00	21.61 0.69 0.00	22.09 0.66 0.00	25.71 0.53 0.00	30.80 0.48 0.00	31.34 0.52 0.00	32.73 0.51 0.00	32.72 0.39 0.00	35.88 0.43 0.00	36.40 0.60 1.90	38.96 0.56 1.74	42.42 0.80 2.61	44.24 0.60 2.70	46.65 0.78 0.11	39.04 0.55 11.58	57.19 1.40 0.00	57.59 1.51 0.00	56.69 0.95 0.00	49.71 0.83 0.00	44.83 0.57 0.00	39.72 0.43 0.00	38.33 0.46 0.01
BEAVER RIVER___HYD 24048	29.64 0.00 0.00	23.56 -0.19 0.13	21.67 -0.13 0.00	20.86 -0.06 0.00	21.46 0.04 0.00	25.15 -0.03 0.00	30.11 -0.21 0.00	30.57 -0.25 0.00	32.00 -0.22 0.00	31.84 -0.48 0.00	35.03 -0.42 0.00	36.06 -0.38 1.26	38.64 -0.36 1.14	42.08 -0.44 1.72	44.20 -0.37 1.77	45.59 -0.32 0.07	49.85 0.25 0.47	55.99 0.56 0.36	57.35 1.29 0.01	57.19 1.45 0.00	50.30 1.42 0.00	45.63 1.37 0.00	40.35 1.06 0.00	38.60 0.72 0.01
BEEBEE_GT_13 23619	29.44 -0.21 0.00	23.95 0.07 0.00	21.84 0.04 0.00	21.13 0.21 0.00	21.53 0.11 0.00	25.13 -0.05 0.00	29.86 -0.45 0.00	30.20 -0.62 0.00	31.83 -0.39 0.00	31.78 -0.55 0.00	34.82 -0.64 0.00	34.99 -0.72 2.00	37.61 -0.72 1.82	40.46 -1.06 2.72	42.00 -1.53 2.81	44.21 -1.66 0.11	48.12 -1.20 0.74	53.96 -1.51 0.33	55.22 -0.84 0.01	54.68 -1.06 0.00	48.10 -0.78 0.00	44.03 -0.22 0.00	39.05 -0.24 0.00	37.16 -0.72 0.01
BENSHRST_27_KV_BENSHRST_1 355998	32.29 2.64 -0.01	26.70 2.46 -0.36	23.92 2.11 -0.01	22.87 1.95 -0.01	23.38 1.95 -0.01	26.91 1.74 0.00	32.26 1.94 0.00	33.28 2.47 0.00	34.73 2.51 0.00	34.94 2.62 0.00	38.36 2.91 0.00	39.32 3.39 1.77	42.03 3.49 1.61	45.59 3.76 2.41	48.22 4.36 2.48	50.11 4.23 0.10	53.61 4.21 0.66	68.79 5.41 -7.58	62.08 4.74 -0.23	60.47 4.74 0.01	52.49 3.62 0.01	47.44 3.19 0.00	42.16 2.87 0.00	40.79 2.92 0.01
BETHLEHEM___GRP 23843	30.09 0.44 0.00	26.51 0.55 -2.08	22.30 0.50 0.00	21.34 0.42 0.00	21.83 0.41 0.00	25.38 0.20 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.25 0.03 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	35.87 0.08 1.90	38.32 -0.08 1.74	41.67 0.04 2.61	43.65 0.00 2.70	45.87 0.00 0.11	39.30 -0.30 10.46	56.19 0.39 0.00	56.64 0.56 0.00	55.74 0.00 0.00	48.83 -0.05 0.00	44.08 -0.18 0.00	39.13 -0.16 0.00	37.76 -0.11 0.01
BETHLEHEM___GS1 323560	30.09 0.45 0.00	26.51 0.55 -2.08	22.30 0.50 0.00	21.34 0.42 0.00	21.83 0.41 0.00	25.38 0.20 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.25 0.03 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	35.87 0.08 1.90	38.32 -0.08 1.74	41.67 0.04 2.61	43.51 -0.14 2.70	45.87 0.00 0.11	39.31 -0.30 10.46	56.08 0.28 0.00	56.52 0.45 0.00	55.63 -0.11 0.00	48.78 -0.10 0.00	43.99 -0.26 0.00	39.06 -0.23 0.00	37.73 -0.15 0.01
BETHLEHEM___GS2 323561	30.09 0.45 0.00	26.51 0.55 -2.08	22.30 0.50 0.00	21.34 0.42 0.00	21.83 0.41 0.00	25.38 0.20 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.25 0.03 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	35.87 0.08 1.90	38.32 -0.08 1.74	41.67 0.04 2.61	43.51 -0.14 2.70	45.87 0.00 0.11	39.31 -0.30 10.46	56.08 0.28 0.00	56.52 0.45 0.00	55.63 -0.11 0.00	48.78 -0.10 0.00	43.99 -0.26 0.00	39.06 -0.23 0.00	37.73 -0.15 0.01
BETHLEHEM___GS3 323562	30.09 0.45 0.00	26.51 0.55 -2.08	22.30 0.50 0.00	21.34 0.42 0.00	21.83 0.41 0.00	25.38 0.20 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.25 0.03 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	35.87 0.08 1.90	38.32 -0.08 1.74	41.67 0.04 2.61	43.51 -0.14 2.70	45.87 0.00 0.11	39.31 -0.30 10.46	56.08 0.28 0.00	56.52 0.45 0.00	55.63 -0.11 0.00	48.78 -0.10 0.00	43.99 -0.26 0.00	39.06 -0.23 0.00	37.73 -0.15 0.01
BETHLEHEM___STEEL 23779	28.81 -0.83 0.00	23.74 -0.14 0.00	21.64 -0.15 0.00	21.09 0.17 0.00	21.48 0.06 0.00	25.00 -0.18 0.00	29.59 -0.73 0.00	29.71 -1.11 0.00	31.54 -0.68 0.00	31.45 -0.87 0.00	34.25 -1.21 0.00	34.33 -1.36 2.01	37.12 -1.20 1.82	39.74 -1.77 2.74	40.83 -2.69 2.83	43.06 -2.80 0.11	47.27 -2.05 0.75	53.16 -2.34 0.29	54.78 -1.29 0.01	54.18 -1.56 0.00	47.66 -1.22 0.00	43.72 -0.53 0.00	38.90 -0.39 0.00	36.85 -1.02 0.01
BETHLHEM_115KV_TB1 79974	30.15 0.50 0.00	26.45 0.60 -1.98	22.34 0.54 0.00	21.38 0.46 0.00	21.87 0.45 0.00	25.43 0.25 0.00	30.44 0.12 0.00	30.97 0.15 0.00	32.32 0.10 0.00	32.36 0.03 0.00	35.49 0.04 0.00	35.95 0.15 1.90	38.49 0.08 1.74	41.81 0.18 2.61	43.79 0.14 2.69	46.01 0.14 0.11	40.22 -0.10 9.74	56.03 0.50 0.27	56.74 0.67 0.01	55.91 0.17 0.00	48.98 0.10 0.00	44.21 -0.04 0.00	39.25 -0.04 0.00	37.88 0.00 0.01
BETHPAGE_CC_5 323564	32.05 2.40 -0.01	26.61 2.36 -0.37	23.78 1.98 0.00	22.72 1.80 0.00	23.15 1.73 0.00	26.69 1.51 0.00	32.33 2.00 -0.01	33.29 2.47 -0.01	34.75 2.51 -0.01	34.83 2.49 -0.01	43.14 2.48 -5.21	45.52 2.79 -5.03	45.20 2.89 -2.16	49.39 2.96 -2.19	46.97 3.06 2.43	52.76 3.17 -3.61	60.25 3.16 -7.03	73.41 4.13 -13.48	69.67 4.49 -9.11	63.29 3.62 -3.93	55.60 2.88 -3.83	46.13 2.43 0.56	45.21 2.55 -3.37	43.84 2.58 -3.38
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.84 -0.80 0.00	23.76 -0.12 0.00	21.66 -0.13 0.00	21.11 0.19 0.00	21.51 0.09 0.00	25.03 -0.15 0.00	29.65 -0.67 0.00	29.80 -1.02 0.00	31.61 -0.61 0.00	31.55 -0.78 0.00	34.36 -1.10 0.00	34.49 -1.21 2.00	37.28 -1.04 1.82	39.92 -1.59 2.73	41.02 -2.50 2.82	43.20 -2.67 0.11	47.42 -1.90 0.75	53.33 -2.18 0.29	55.00 -1.07 0.01	54.40 -1.34 0.00	47.80 -1.08 0.00	43.86 -0.40 0.00	38.98 -0.31 0.00	36.93 -0.95 0.01
BINGHAMTON___COGEN 23790	29.88 0.24 0.00	24.31 0.43 0.00	22.21 0.41 0.00	21.40 0.48 0.00	21.85 0.43 0.00	25.48 0.30 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.45 0.23 0.00	32.42 0.10 0.00	35.53 0.07 0.00	35.83 0.08 1.94	38.54 0.16 1.76	41.64 0.04 2.64	43.47 -0.14 2.73	45.64 -0.23 0.11	49.44 0.10 0.72	56.02 0.22 0.00	56.92 0.84 0.00	56.19 0.45 0.00	49.32 0.44 0.00	44.70 0.44 0.00	39.68 0.39 0.00	37.99 0.11 0.01

BIXINCNT_115KV_LOAD 355685	28.52 -1.13 0.00	23.50 -0.38 0.00	21.42 -0.37 0.00	20.96 0.04 0.00	21.36 -0.06 0.00	24.92 -0.25 0.00	29.56 -0.76 0.00	29.89 -0.92 0.00	31.80 -0.42 0.00	31.78 -0.55 0.00	34.64 -0.82 0.00	34.73 -0.98 1.99	37.41 -0.92 1.81	40.16 -1.37 2.71	41.18 -2.36 2.80	43.38 -2.48 0.11	47.62 -1.70 0.74	53.62 -1.90 0.28	55.34 -0.73 0.01	54.68 -1.06 0.00	48.15 -0.73 0.00	44.03 -0.22 0.00	39.21 -0.08 0.00	37.12 -0.76 0.01
BLACK RIVER___HYD 24047	30.18 0.53 0.00	24.00 0.24 0.12	22.08 0.28 0.00	21.28 0.36 0.00	21.93 0.51 0.00	25.68 0.50 0.00	30.62 0.30 0.00	31.03 0.22 0.00	32.48 0.26 0.00	32.17 -0.16 0.00	35.38 -0.07 0.00	36.81 0.04 0.93	39.46 0.16 0.85	43.02 0.04 1.27	45.17 0.14 1.31	46.06 0.14 0.05	50.42 0.70 0.35	56.50 1.06 0.35	58.14 2.08 0.01	57.97 2.23 0.00	51.08 2.20 0.00	46.38 2.12 0.00	40.94 1.65 0.00	39.09 1.21 0.00
BLACKRVR_115KV_TB2 79977	30.18 0.53 0.00	24.00 0.24 0.12	22.08 0.28 0.00	21.28 0.36 0.00	21.93 0.51 0.00	25.68 0.50 0.00	30.62 0.30 0.00	31.03 0.22 0.00	32.48 0.26 0.00	32.16 -0.16 0.00	35.38 -0.07 0.00	36.81 0.04 0.93	39.46 0.16 0.85	42.97 0.00 1.27	45.03 0.00 1.31	46.06 0.14 0.05	50.37 0.65 0.35	56.56 1.12 0.35	58.19 2.13 0.01	57.97 2.23 0.00	51.08 2.20 0.00	46.38 2.12 0.00	40.94 1.65 0.00	39.09 1.21 0.00
BLDWN_LI_69_KV_BK4 356085	32.18 2.52 -0.01	26.71 2.46 -0.37	23.89 2.09 0.00	22.80 1.88 0.00	23.26 1.84 0.00	26.79 1.61 0.00	32.45 2.12 -0.01	33.39 2.56 -0.01	34.91 2.67 -0.01	34.99 2.65 -0.01	53.29 2.87 -14.97	58.75 3.28 -17.77	52.62 3.25 -9.22	60.71 3.58 -12.89	54.79 3.71 -4.74	70.47 3.63 -20.86	68.30 3.70 -14.53	85.13 4.80 -24.54	86.95 5.16 -25.72	71.26 4.24 -11.29	63.27 3.37 -11.02	53.65 3.01 -6.39	51.76 2.79 -9.68	50.38 2.77 -9.73
BLISS_WT_PWR 323608	28.37 -1.27 0.00	23.38 -0.50 0.00	21.32 -0.48 0.00	20.88 -0.04 0.00	21.29 -0.13 0.00	24.85 -0.33 0.00	29.50 -0.82 0.00	29.89 -0.92 0.00	31.77 -0.45 0.00	31.78 -0.55 0.00	34.67 -0.78 0.00	34.69 -1.02 1.99	37.37 -0.96 1.81	40.24 -1.28 2.71	42.10 -1.44 2.80	43.61 -2.25 0.11	47.77 -1.55 0.74	53.56 -1.95 0.28	55.28 -0.79 0.01	54.74 -1.00 0.00	48.24 -0.64 0.00	44.17 -0.09 0.00	39.29 0.00 0.00	37.15 -0.72 0.01
BLUESTONE___WT_PWR 323821	30.95 1.30 0.00	25.21 1.15 -0.19	22.93 1.13 0.00	22.13 1.21 0.00	22.75 1.33 0.00	26.59 1.41 0.00	31.74 1.43 0.00	32.33 1.51 0.00	33.86 1.64 0.00	33.62 1.29 0.00	36.84 1.38 0.00	37.41 1.58 1.88	40.33 1.89 1.71	43.58 1.90 2.56	45.83 2.13 2.64	47.94 2.07 0.11	51.92 2.55 0.70	58.86 3.07 0.00	60.06 3.98 0.00	59.42 3.68 0.00	52.15 3.28 0.00	47.26 3.01 0.00	41.81 2.52 0.00	39.92 2.04 0.01
BLUE_CIRC_CHEM_DRP 24182	30.41 0.77 0.00	26.21 0.79 -1.55	22.56 0.76 0.00	21.59 0.67 0.00	22.08 0.66 0.00	25.68 0.50 0.00	30.74 0.42 0.00	31.19 0.37 0.00	32.51 0.29 0.00	32.49 0.16 0.00	35.60 0.14 0.00	36.08 0.26 1.88	38.63 0.20 1.72	42.02 0.35 2.58	43.86 0.19 2.67	46.10 0.23 0.11	43.21 0.25 7.10	56.58 0.78 0.00	57.08 1.01 0.00	56.24 0.50 0.00	49.32 0.44 0.00	44.61 0.35 0.00	39.60 0.31 0.00	38.18 0.30 0.01
BOC_GAS_DRP 24189	30.27 0.62 0.00	25.97 0.69 -1.40	22.45 0.65 0.00	21.51 0.59 0.00	21.98 0.56 0.00	25.55 0.38 0.00	30.65 0.33 0.00	31.19 0.37 0.00	32.54 0.32 0.00	32.62 0.29 0.00	35.77 0.32 0.00	36.23 0.41 1.89	38.82 0.40 1.72	42.19 0.53 2.58	44.19 0.51 2.67	46.33 0.46 0.11	44.69 0.40 5.77	55.98 0.78 0.60	57.01 0.95 0.02	56.19 0.45 0.00	49.22 0.34 0.00	44.48 0.22 0.00	39.49 0.20 0.00	38.10 0.23 0.01
BOONVILLE_115KV_TB1 79983	30.21 0.56 0.00	24.16 0.43 0.15	22.21 0.41 0.00	21.36 0.44 0.00	21.93 0.51 0.00	25.63 0.45 0.00	30.65 0.33 0.00	31.16 0.34 0.00	32.64 0.42 0.00	32.46 0.13 0.00	35.70 0.25 0.00	36.21 0.34 1.83	38.93 0.44 1.66	42.19 0.44 2.49	44.33 0.56 2.57	46.47 0.60 0.10	50.44 1.05 0.68	56.83 1.45 0.42	58.14 2.07 0.01	57.58 1.84 0.00	50.59 1.71 0.00	45.80 1.55 0.00	40.55 1.26 0.00	38.86 0.99 0.01
BORALEX_4TH_BRANCH 23824	32.28 2.64 0.00	29.35 2.46 -3.01	23.97 2.18 0.00	22.97 2.05 0.00	23.48 2.06 0.00	27.24 2.06 0.00	32.62 2.30 0.00	32.85 2.03 0.00	34.32 2.09 0.00	34.14 1.81 0.00	37.47 2.02 0.00	38.16 2.38 1.91	40.84 2.45 1.75	44.45 2.83 2.62	46.92 3.29 2.71	48.86 2.99 0.11	69.10 3.20 -15.83	61.92 4.41 -1.72	60.84 4.71 -0.05	59.70 3.96 0.00	52.15 3.27 0.00	47.04 2.79 0.00	41.73 2.44 0.00	40.72 2.84 0.01
BOWLINE___1 23526	31.36 1.72 0.00	25.97 1.74 -0.34	23.30 1.50 0.00	22.28 1.36 0.00	22.77 1.35 0.00	26.33 1.16 0.00	31.62 1.30 0.00	32.51 1.69 0.00	33.96 1.74 0.00	34.07 1.74 0.00	37.30 1.84 0.00	38.09 2.15 1.75	40.80 2.25 1.59	44.37 2.52 2.39	46.66 2.78 2.47	48.82 2.95 0.10	52.42 3.00 0.65	67.01 3.96 -7.25	60.56 4.26 -0.23	59.14 3.40 0.00	51.52 2.64 0.00	46.25 1.99 0.00	41.14 1.85 0.00	39.62 1.74 0.01
BOWLINE___2 23595	31.33 1.69 0.00	25.97 1.74 -0.34	23.28 1.48 0.00	22.28 1.36 0.00	22.77 1.35 0.00	26.33 1.16 0.00	31.62 1.30 0.00	32.48 1.66 0.00	33.93 1.71 0.00	34.04 1.71 0.00	37.26 1.81 0.00	38.06 2.11 1.75	40.76 2.21 1.59	44.29 2.43 2.39	46.61 2.73 2.47	48.78 2.90 0.10	52.37 2.95 0.65	66.90 3.85 -7.25	60.45 4.15 -0.23	59.08 3.34 0.00	51.42 2.54 0.00	46.16 1.90 0.00	41.06 1.77 0.00	39.58 1.71 0.01
BRADY___115KV_TB2 356060	29.52 -0.12 0.00	23.45 -0.43 0.00	21.45 -0.35 0.00	20.61 -0.31 0.00	21.19 -0.24 0.00	25.18 0.00 0.00	30.65 0.33 0.00	31.12 0.31 0.00	32.45 0.23 0.00	32.58 0.26 0.00	35.77 0.32 0.00	37.06 0.19 0.83	39.51 0.12 0.76	43.24 0.13 1.13	45.31 0.14 1.17	46.21 0.28 0.05	50.01 0.25 0.31	55.91 0.11 0.00	56.19 0.11 0.00	56.69 0.95 0.00	49.81 0.93 0.00	45.23 0.97 0.00	40.15 0.86 0.00	38.87 0.99 0.00
BRANSCOMB___SOLAR 323811	31.60 1.96 0.00	29.57 1.79 -3.90	23.39 1.59 0.00	22.34 1.42 0.00	22.86 1.44 0.00	26.59 1.41 0.00	31.92 1.61 0.00	32.30 1.48 0.00	33.70 1.48 0.00	33.59 1.26 0.00	36.52 1.06 0.00	37.03 1.28 1.95	39.77 1.40 1.78	43.29 1.72 2.68	45.38 1.81 2.76	47.89 2.02 0.11	63.86 2.05 -11.75	58.75 2.96 0.00	59.27 3.19 0.00	58.42 2.68 0.00	51.32 2.44 0.00	46.51 2.26 0.00	41.10 1.81 0.00	39.69 1.82 0.01
BRDGHMPT_69_KV_BK1 55812	32.08 2.43 -0.01	26.80 2.56 -0.36	23.87 2.07 0.00	22.78 1.86 0.00	23.22 1.80 0.00	26.71 1.54 0.00	32.42 2.09 -0.01	33.88 3.05 -0.01	34.97 2.74 -0.01	35.05 2.72 -0.01	40.16 2.91 -1.79	41.63 3.36 -0.58	43.21 3.37 0.31	46.26 3.63 1.61	45.21 3.99 5.12	47.11 3.82 2.68	59.21 3.96 -5.19	70.77 5.36 -9.62	65.26 5.89 -3.30	67.02 5.13 -6.15	54.15 3.86 -1.41	52.55 3.10 -5.20	43.12 2.67 -1.16	42.22 3.18 -1.15

BRENTWOD_69_KV_W. BRTWOOD 56703	32.20 2.55 -0.01	26.80 2.56 -0.36	23.91 2.11 0.00	22.82 1.90 0.00	23.28 1.86 0.00	26.79 1.61 0.00	32.51 2.18 -0.01	33.60 2.77 -0.01	34.97 2.74 -0.01	35.05 2.72 -0.01	40.53 2.94 -2.14	41.96 3.24 -1.02	43.21 3.13 0.06	46.29 3.27 1.23	44.97 3.48 4.85	47.33 3.40 2.05	88.87 3.40 -35.40	70.10 4.30 -10.01	64.67 4.71 -3.88	62.25 3.90 -2.61	53.50 3.03 -1.59	45.74 2.66 1.17	43.30 2.63 -1.38	42.11 2.84 -1.38
BRISTLHL_115KV_TB1 79998	29.26 -0.39 0.00	23.55 -0.21 0.11	21.60 -0.20 0.00	20.77 -0.15 0.00	21.23 -0.19 0.00	24.82 -0.35 0.00	29.71 -0.61 0.00	30.14 -0.68 0.00	31.54 -0.68 0.00	31.55 -0.78 0.00	34.64 -0.82 0.00	36.83 -0.87 0.00	39.26 -0.88 0.00	43.22 -1.02 0.00	45.14 -1.20 0.00	44.69 -1.29 0.00	48.81 -1.25 0.00	54.17 -1.28 0.34	55.11 -0.95 0.01	54.51 -1.23 0.00	47.90 -0.98 0.00	43.50 -0.75 0.00	38.58 -0.71 0.00	36.94 -0.95 0.00
BROOKHAVEN___DRP 24191	31.79 2.13 -0.01	26.56 2.32 -0.36	23.69 1.90 0.00	22.62 1.69 0.00	23.05 1.63 0.00	26.51 1.33 0.00	32.06 1.73 -0.01	33.41 2.59 -0.01	34.52 2.29 -0.01	34.60 2.26 -0.01	39.69 2.45 -1.79	41.02 2.75 -0.57	42.40 2.57 0.32	45.32 2.70 1.62	44.23 3.01 5.13	46.18 2.90 2.70	57.97 2.80 -5.10	69.31 3.91 -9.61	63.79 4.43 -3.28	65.53 3.68 -6.11	53.12 2.84 -1.40	51.74 2.35 -5.14	42.60 2.16 -1.15	41.58 2.54 -1.15
BROOKLYN_NAVY_YARD 23515	31.78 2.14 0.00	26.31 2.08 -0.35	23.56 1.76 0.00	22.53 1.61 0.00	23.03 1.61 0.00	26.56 1.38 0.00	31.95 1.64 0.00	33.00 2.19 0.00	34.54 2.32 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.67 3.13 1.61	45.29 3.45 2.41	47.61 3.75 2.48	49.78 3.91 0.10	53.36 3.95 0.66	68.45 5.08 -7.58	61.70 5.38 -0.24	60.14 4.40 0.00	52.25 3.37 0.00	47.04 2.79 0.00	41.81 2.52 0.00	40.23 2.35 0.01
BROOKLYN___ARMY_DRP 323595	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
BROOME_2_LFGE 323671	29.88 0.24 0.00	24.31 0.43 0.00	22.21 0.41 0.00	21.40 0.48 0.00	21.85 0.43 0.00	25.48 0.30 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.45 0.23 0.00	32.42 0.10 0.00	35.53 0.07 0.00	35.84 0.08 1.94	38.54 0.16 1.76	41.69 0.09 2.64	43.66 0.05 2.73	45.73 -0.14 0.11	49.44 0.10 0.72	55.96 0.17 0.00	56.86 0.78 0.00	56.18 0.44 0.00	49.32 0.44 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.99 0.11 0.01
BROOME___LFGE 323600	29.88 0.24 0.00	24.31 0.43 0.00	22.21 0.41 0.00	21.40 0.48 0.00	21.85 0.43 0.00	25.48 0.30 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.45 0.23 0.00	32.42 0.10 0.00	35.53 0.07 0.00	35.84 0.08 1.94	38.54 0.16 1.76	41.69 0.09 2.64	43.66 0.05 2.73	45.73 -0.14 0.11	49.44 0.10 0.72	55.96 0.17 0.00	56.86 0.78 0.00	56.18 0.44 0.00	49.32 0.44 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.99 0.11 0.01
BROWNFLS_115KV_TB 3_5 80003	29.23 -0.42 0.00	23.19 -0.57 0.11	21.32 -0.48 0.00	20.50 -0.42 0.00	21.10 -0.32 0.00	24.77 -0.40 0.00	29.80 -0.52 0.00	30.29 -0.52 0.00	31.67 -0.55 0.00	31.61 -0.71 0.00	34.78 -0.67 1.16	35.86 -0.68 1.05	38.33 -0.76 1.58	41.74 -0.93 1.63	43.79 -0.93 1.07	45.08 -0.83 0.43	49.23 -0.40 0.43	55.20 -0.28 0.32	56.29 0.22 0.01	56.24 0.50 0.00	49.42 0.54 0.00	44.83 0.58 0.00	39.76 0.47 0.00	38.15 0.27 0.01
BROWNSV1_27_KV_LOAD 356125	32.07 2.43 0.00	26.55 2.32 -0.35	23.78 1.98 0.00	22.72 1.80 0.00	23.22 1.80 0.00	26.79 1.61 0.00	32.20 1.88 0.00	33.28 2.47 0.00	34.83 2.61 0.00	35.01 2.68 0.00	38.36 2.91 1.77	39.25 3.32 1.61	42.07 3.53 2.41	45.81 3.98 2.48	48.36 4.50 2.48	50.24 4.37 0.10	53.96 4.56 0.66	69.12 5.75 -7.58	62.37 6.06 -0.24	60.76 5.02 0.00	52.79 3.91 0.00	47.48 3.23 0.00	42.12 2.83 0.00	40.61 2.73 0.01
BURROWS___LYONSDAL 23803	30.03 0.39 0.00	23.97 0.24 0.15	22.04 0.24 0.00	21.19 0.27 0.00	21.78 0.36 0.00	25.48 0.30 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.45 0.23 0.00	32.26 -0.06 0.00	35.49 0.04 0.00	36.10 0.11 1.71	38.79 0.20 1.56	42.08 0.18 2.34	44.21 0.28 2.42	46.20 0.32 0.10	50.28 0.85 0.64	56.62 1.23 0.41	57.97 1.91 0.01	57.47 1.73 0.00	50.49 1.61 0.00	45.76 1.50 0.00	40.47 1.18 0.00	38.79 0.91 0.01
CAITHNESS_CC_1 323624	31.82 2.16 -0.01	26.56 2.32 -0.36	23.69 1.90 0.00	22.61 1.69 0.00	23.05 1.63 0.00	26.51 1.33 0.00	32.08 1.76 -0.01	33.35 2.53 -0.01	34.55 2.32 -0.01	34.60 2.26 -0.01	39.54 2.30 -1.78	40.89 2.64 -0.56	42.39 2.57 0.32	45.27 2.65 1.63	43.90 2.69 5.13	46.12 2.85 2.71	57.72 2.65 -5.01	69.13 3.74 -9.60	63.55 4.21 -3.27	65.33 3.51 -6.08	53.01 2.74 -1.40	51.60 2.26 -5.09	42.99 2.55 -1.15	41.68 2.65 -1.14
CALPINE BETH_PAGE_GT4 24209	32.12 2.46 -0.01	26.63 2.39 -0.37	23.82 2.03 0.00	22.74 1.82 0.00	23.20 1.78 0.00	26.74 1.56 0.00	32.39 2.06 -0.01	33.36 2.53 -0.01	34.78 2.55 -0.01	34.86 2.52 -0.01	44.74 2.59 -6.70	47.58 2.90 -6.98	46.23 2.85 -3.24	51.14 3.05 -3.85	48.42 3.34 1.26	55.56 3.22 -6.36	61.18 3.25 -7.87	75.21 4.24 -15.17	72.32 4.60 -11.65	64.53 3.73 -5.05	56.69 2.88 -4.93	47.28 2.43 -0.59	45.98 2.36 -4.33	44.66 2.42 -4.35
CALPINE_BETH_PAGE_GT_4 323586	32.11 2.46 -0.01	26.63 2.39 -0.37	23.82 2.03 0.00	22.74 1.82 0.00	23.20 1.78 0.00	26.74 1.56 0.00	32.39 2.06 -0.01	33.32 2.50 -0.01	34.78 2.54 -0.01	34.86 2.52 -0.01	44.63 2.48 -6.70	47.43 2.75 -6.98	46.23 2.85 -3.24	51.10 3.01 -3.85	48.14 3.06 1.26	55.56 3.22 -6.36	61.14 3.21 -7.87	75.15 4.19 -15.17	72.26 4.54 -11.65	64.47 3.68 -5.05	56.74 2.93 -4.93	47.32 2.48 -0.59	46.14 2.52 -4.33	44.81 2.58 -4.35
CALPINE_BP_GT1 23823	32.11 2.46 -0.01	26.63 2.39 -0.37	23.82 2.03 0.00	22.74 1.82 0.00	23.20 1.78 0.00	26.74 1.56 0.00	32.39 2.06 -0.01	33.32 2.50 -0.01	34.78 2.54 -0.01	34.86 2.52 -0.01	44.63 2.48 -6.70	47.43 2.75 -6.98	46.23 2.85 -3.24	51.10 3.01 -3.85	48.14 3.06 1.26	55.56 3.22 -6.36	61.14 3.21 -7.87	75.15 4.19 -15.17	72.26 4.54 -11.65	64.47 3.68 -5.05	56.74 2.93 -4.93	47.32 2.48 -0.59	46.14 2.52 -4.33	44.81 2.58 -4.35
CALSPAN___DRP 24200	28.81 -0.83 0.00	23.74 -0.14 0.00	21.64 -0.15 0.00	21.09 0.17 0.00	21.48 0.06 0.00	25.00 -0.18 0.00	29.59 -0.73 0.00	29.71 -1.11 0.00	31.54 -0.68 0.00	31.45 -0.87 0.00	34.25 -1.21 0.00	34.33 -1.36 2.01	37.12 -1.20 1.82	39.74 -1.77 2.74	40.83 -2.69 2.83	43.06 -2.80 0.11	47.27 -2.05 0.75	53.16 -2.34 0.29	54.78 -1.29 0.01	54.18 -1.56 0.00	47.66 -1.22 0.00	43.72 -0.53 0.00	38.90 -0.39 0.00	36.85 -1.02 0.01

CALVERTON___SOLAR 323806	31.82 2.16 -0.01	26.58 2.34 -0.36	23.71 1.92 0.00	22.61 1.69 0.00	23.05 1.63 0.00	26.53 1.36 0.00	32.08 1.76 -0.01	33.44 2.62 -0.01	34.55 2.32 -0.01	34.60 2.26 -0.01	39.55 2.30 -1.79	40.91 2.64 -0.57	42.48 2.65 0.31	45.37 2.74 1.61	44.05 2.83 5.12	46.27 2.99 2.69	58.04 2.85 -5.13	69.43 4.02 -9.61	63.90 4.54 -3.29	65.77 3.90 -6.13	53.32 3.03 -1.40	51.85 2.43 -5.16	43.15 2.71 -1.15	41.80 2.76 -1.15
CANDIGU_WT_PWR 323617	29.08 -0.56 0.00	23.76 -0.12 0.00	21.71 -0.09 0.00	21.11 0.19 0.00	21.59 0.17 0.00	25.20 0.03 0.00	29.98 -0.33 0.00	30.26 -0.55 0.00	31.80 -0.42 0.00	31.71 -0.62 0.00	34.67 -0.78 0.00	34.87 -0.94 1.89	37.58 -0.84 1.72	40.38 -1.28 2.58	42.33 -1.35 2.67	43.98 -1.89 0.11	48.01 -1.35 0.70	54.10 -1.45 0.24	55.68 -0.39 0.01	55.35 -0.39 0.00	48.78 -0.10 0.00	44.52 0.27 0.00	39.60 0.31 0.00	37.65 -0.23 0.01
CARR STREET_E_SYR 24060	29.67 0.03 0.00	23.94 0.17 0.11	21.95 0.15 0.00	21.11 0.19 0.00	21.57 0.15 0.00	25.20 0.03 0.00	30.17 -0.15 0.00	30.63 -0.18 0.00	32.09 -0.13 0.00	32.10 -0.22 0.00	35.24 -0.21 0.00	36.13 -0.22 1.34	38.76 -0.16 1.22	42.19 -0.22 1.83	44.18 -0.28 1.89	45.44 -0.46 0.08	49.27 -0.30 0.50	55.12 -0.33 0.34	56.12 0.06 0.01	55.46 -0.28 0.00	48.73 -0.15 0.00	44.21 -0.04 0.00	39.17 -0.12 0.00	37.50 -0.38 0.01
CARTHAGE___PAPER 23857	29.85 0.21 0.00	23.73 -0.02 0.12	21.82 0.02 0.00	21.00 0.08 0.00	21.63 0.21 0.00	25.35 0.18 0.00	30.32 0.00 0.00	30.79 -0.03 0.00	32.19 -0.03 0.00	31.97 -0.35 0.00	35.17 -0.28 0.00	36.42 -0.22 1.06	38.98 -0.20 0.96	42.49 -0.31 1.44	44.67 -0.18 1.49	45.78 -0.14 0.06	50.07 0.40 0.39	56.16 0.72 0.35	57.69 1.63 0.01	57.52 1.78 0.00	50.69 1.81 0.00	45.98 1.72 0.00	40.59 1.29 0.00	38.83 0.95 0.01
CASSADAGA_WT_PWR 323784	28.90 -0.74 0.00	23.85 -0.02 0.00	21.73 -0.07 0.00	21.28 0.36 0.00	21.76 0.34 0.00	25.35 0.18 0.00	30.29 -0.03 0.00	30.66 -0.15 0.00	32.54 0.32 0.00	32.52 0.20 0.00	35.49 0.04 0.00	35.59 -0.11 1.99	38.45 0.12 1.81	41.35 -0.18 2.72	43.16 -0.37 2.81	44.58 -1.29 0.11	48.87 -0.45 0.74	54.85 -0.67 0.28	56.29 0.23 0.01	55.85 0.11 0.00	49.22 0.34 0.00	45.14 0.88 0.00	40.04 0.74 0.00	37.84 -0.04 0.01
CE_DUNWOOD___DRP 24194	31.57 1.93 0.00	26.17 1.93 -0.35	23.45 1.66 0.00	22.43 1.51 0.00	22.92 1.50 0.00	26.51 1.33 0.00	31.83 1.52 0.00	32.79 1.97 0.00	34.25 2.03 0.00	34.36 2.04 0.00	37.65 2.20 0.00	38.46 2.53 1.77	41.23 2.69 1.61	44.84 3.01 2.41	47.38 3.52 2.49	49.28 3.40 0.10	52.96 3.55 0.66	67.93 4.58 -7.56	61.25 4.93 -0.24	59.75 4.01 0.00	51.91 3.03 0.00	46.64 2.39 0.00	41.37 2.08 0.00	39.96 2.08 0.01
CE_MILLWOOD___DRP 24193	31.51 1.87 0.00	26.09 1.86 -0.35	23.41 1.61 0.00	22.39 1.46 0.00	22.88 1.46 0.00	26.46 1.28 0.00	31.77 1.46 0.00	32.70 1.88 0.00	34.15 1.93 0.00	34.27 1.94 0.00	37.55 2.09 0.00	38.35 2.41 1.77	41.07 2.53 1.60	44.71 2.88 2.40	47.24 3.38 2.48	49.14 3.26 0.10	52.86 3.45 0.66	67.78 4.46 -7.52	61.08 4.77 -0.24	59.59 3.85 0.00	51.81 2.93 0.00	46.56 2.30 0.00	41.26 1.96 0.00	39.85 1.97 0.01
CE_NYC2_DRP 24202	31.96 2.31 0.00	26.46 2.22 -0.36	23.70 1.90 -0.01	22.67 1.74 -0.01	23.16 1.74 -0.01	26.69 1.51 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.51 2.29 0.00	34.69 2.36 0.00	38.04 2.59 0.00	38.91 2.98 1.77	41.67 3.13 1.61	45.24 3.41 2.41	47.80 3.94 2.48	49.60 3.72 0.10	53.11 3.70 0.66	68.12 4.74 -7.58	61.35 5.05 -0.23	59.80 4.07 0.01	51.90 3.03 0.01	47.00 2.74 0.00	41.77 2.48 0.00	40.38 2.50 0.01
CE_NYC_DRP 24195	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.75 2.42 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.42 3.58 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.46 4.06 0.66	68.57 5.19 -7.58	61.81 5.50 -0.24	60.20 4.46 0.00	52.25 3.37 0.00	47.09 2.83 0.00	41.77 2.48 0.00	40.30 2.42 0.01
CHAFFEE___LFGE 323603	28.87 -0.77 0.00	23.81 -0.07 0.00	21.67 -0.13 0.00	21.13 0.21 0.00	21.53 0.11 0.00	25.03 -0.15 0.00	29.65 -0.67 0.00	29.86 -0.96 0.00	31.64 -0.58 0.00	31.58 -0.74 0.00	34.42 -1.03 2.00	34.49 -1.21 2.00	37.33 -1.00 1.82	40.10 -1.42 2.73	41.95 -1.58 2.82	43.47 -2.39 0.11	47.62 -1.70 0.74	53.33 -2.18 0.28	54.94 -1.12 0.01	54.46 -1.28 0.00	47.90 -0.98 0.00	44.03 -0.22 0.00	39.06 -0.23 0.00	36.93 -0.95 0.01
CHATEAUG_35_KV_LOAD 355732	29.08 -0.56 0.00	23.19 -0.69 0.00	21.21 -0.59 0.00	20.38 -0.54 0.00	20.93 -0.49 0.00	24.87 -0.30 0.00	30.29 -0.03 0.00	30.82 0.00 0.00	32.25 0.03 0.00	32.49 0.16 0.00	35.60 0.14 0.00	36.93 0.00 0.77	39.37 -0.08 0.70	43.06 -0.13 1.05	45.12 -0.14 1.08	46.03 0.09 0.04	49.83 0.05 0.29	55.74 -0.06 0.00	55.91 -0.17 0.00	56.24 0.50 0.00	49.37 0.49 0.00	44.74 0.49 0.00	39.68 0.39 0.00	38.41 0.53 0.00
CHATEAUG_WT_PWR 323614	29.02 -0.62 0.00	23.16 -0.72 0.00	21.16 -0.63 0.00	20.33 -0.59 0.00	20.89 -0.53 0.00	24.82 -0.35 0.00	30.20 -0.12 0.00	30.79 -0.03 0.00	32.22 0.00 0.00	32.46 0.13 0.00	35.56 0.11 0.00	36.86 -0.08 0.77	39.33 -0.12 0.70	43.06 -0.13 1.05	45.08 -0.18 1.08	45.89 -0.05 0.04	49.78 0.00 0.29	55.68 -0.11 0.00	55.85 -0.22 0.00	56.18 0.44 0.00	49.27 0.39 0.00	44.70 0.44 0.00	39.60 0.31 0.00	38.34 0.46 0.00
CHAT_HIGH_FALL_HYD 323578	29.08 -0.56 0.00	23.19 -0.69 0.00	21.21 -0.59 0.00	20.38 -0.54 0.00	20.93 -0.49 0.00	24.87 -0.30 0.00	30.29 -0.03 0.00	30.82 0.00 0.00	32.25 0.03 0.00	32.49 0.16 0.00	35.60 0.14 0.00	36.93 0.00 0.77	39.37 -0.08 0.70	43.06 -0.13 1.05	45.12 -0.14 1.08	46.03 0.09 0.04	49.83 0.05 0.29	55.74 -0.06 0.00	55.91 -0.17 0.00	56.24 0.50 0.00	49.37 0.49 0.00	44.74 0.49 0.00	39.68 0.39 0.00	38.41 0.53 0.00
CHAUTAUQUA___LFGE 323629	28.96 -0.68 0.00	23.88 0.00 0.00	21.80 0.00 0.00	21.25 0.33 0.00	21.70 0.28 0.00	25.25 0.08 0.00	29.98 -0.33 0.00	30.26 -0.55 0.00	32.06 -0.16 0.00	32.00 -0.32 0.00	34.92 -0.53 0.00	34.98 -0.72 2.00	37.80 -0.52 1.82	40.63 -0.88 2.73	42.50 -1.02 2.82	44.02 -1.84 0.11	48.22 -1.10 0.74	54.06 -1.45 0.29	55.84 -0.22 0.01	55.35 -0.39 0.00	48.73 -0.15 0.00	44.74 0.49 0.00	39.64 0.35 0.00	37.53 -0.34 0.01
CHERRYST_13_KV_LD 356241	31.96 2.31 0.00	26.43 2.20 -0.35	23.69 1.90 0.00	22.66 1.74 0.00	23.16 1.74 0.00	26.71 1.54 0.00	32.11 1.79 0.00	33.19 2.37 0.00	34.70 2.48 0.00	34.88 2.55 0.00	38.25 2.80 0.00	39.14 3.20 1.77	41.91 3.37 1.61	45.64 3.80 2.41	48.17 4.31 2.48	50.06 4.18 0.10	53.76 4.36 0.66	68.84 5.47 -7.58	62.09 5.78 -0.24	60.48 4.74 0.00	52.50 3.62 0.00	47.26 3.01 0.00	41.88 2.59 0.00	40.42 2.54 0.01

CHESTROR_138KV_BK263 355645	31.13 1.48 0.00	25.76 1.55 -0.33	23.12 1.33 0.00	22.11 1.19 0.00	22.60 1.18 0.00	26.21 1.03 0.00	31.47 1.15 0.00	32.26 1.45 0.00	33.70 1.48 0.00	33.78 1.45 0.00	37.01 1.56 0.00	37.78 1.81 1.73	40.50 1.93 1.57	44.10 2.21 2.35	46.51 2.60 2.43	48.41 2.53 0.10	52.13 2.70 0.64	65.98 3.52 -6.67	60.10 3.81 -0.21	58.81 3.07 0.00	51.23 2.35 0.00	46.02 1.77 0.00	40.82 1.53 0.00	39.43 1.55 0.01
CH_MIDHUDSON___DRP 24192	31.48 1.84 0.00	26.13 1.86 -0.39	23.36 1.57 0.00	22.36 1.44 0.00	22.83 1.41 0.00	26.49 1.31 0.00	31.80 1.49 0.00	32.57 1.76 0.00	34.03 1.80 0.00	34.10 1.78 0.00	37.37 1.91 0.00	38.15 2.22 1.77	40.90 2.37 1.61	44.57 2.74 2.42	47.09 3.24 2.50	49.05 3.17 0.10	52.71 3.30 0.66	67.53 4.30 -7.44	60.91 4.60 -0.23	59.59 3.85 0.00	51.91 3.03 0.00	46.56 2.30 0.00	41.26 1.96 0.00	39.89 2.01 0.01
CH_MISC_IPPS 23765	31.54 1.90 0.00	26.17 1.91 -0.38	23.41 1.61 0.00	22.38 1.46 0.00	22.88 1.46 0.00	26.53 1.36 0.00	31.89 1.58 0.00	32.67 1.85 0.00	34.15 1.93 0.00	34.20 1.87 0.00	37.47 2.02 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.71 2.87 2.40	47.10 3.24 2.48	49.37 3.49 0.10	53.06 3.65 0.66	67.76 4.69 -7.27	61.29 4.99 -0.23	59.92 4.18 0.00	52.30 3.42 0.00	46.86 2.61 0.00	41.57 2.28 0.00	40.07 2.20 0.01
CH_RES_BVR_FALLS 23983	29.32 -0.33 0.00	23.44 -0.31 0.13	21.51 -0.28 0.00	20.65 -0.27 0.00	21.16 -0.26 0.00	24.90 -0.28 0.00	30.07 -0.24 0.00	30.63 -0.18 0.00	32.06 -0.16 0.00	32.20 -0.13 0.00	35.31 -0.14 0.00	35.88 -0.19 1.63	38.46 -0.20 1.48	41.75 -0.26 2.22	43.77 -0.28 2.30	45.66 -0.23 0.09	49.21 -0.25 0.61	55.24 -0.22 0.34	55.90 -0.17 0.01	55.68 -0.06 0.00	48.88 0.00 0.00	44.25 0.00 0.00	39.29 0.00 0.00	37.88 0.00 0.01
CH_RES_NIAGARA 23895	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.60 -2.22 0.00	30.32 -1.90 0.00	30.22 -2.10 0.00	32.83 -2.62 0.00	32.84 -2.83 2.03	35.45 -2.85 1.84	37.89 -3.58 2.77	38.90 -4.59 2.86	41.13 -4.74 0.11	45.10 -4.21 0.75	50.75 -4.74 0.30	52.31 -3.76 0.01	51.78 -3.96 0.00	45.56 -3.32 0.00	41.91 -2.35 0.00	37.37 -1.93 0.00	35.45 -2.42 0.01
CH_RES_SYRACUSE 23985	29.73 0.09 0.00	23.95 0.17 0.10	21.97 0.17 0.00	21.13 0.21 0.00	21.57 0.15 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.69 -0.12 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.31 -0.14 0.00	37.10 -0.15 0.45	39.62 -0.12 0.41	43.46 -0.23 0.61	45.49 -0.41 0.63	45.54 -0.25 0.03	49.65 -0.25 0.17	55.19 -0.28 0.33	56.12 0.06 0.01	55.52 -0.22 0.00	48.78 -0.10 0.00	44.30 0.04 0.00	39.25 -0.04 0.00	37.58 -0.30 0.00
CLINTON_WT_PWR 323605	29.02 -0.62 0.00	23.16 -0.72 0.00	21.16 -0.63 0.00	20.33 -0.59 0.00	20.89 -0.53 0.00	24.82 -0.35 0.00	30.20 -0.12 0.00	30.79 -0.03 0.00	32.22 0.00 0.00	32.46 0.13 0.00	35.56 0.11 0.00	36.86 -0.08 0.77	39.33 -0.12 0.70	43.06 -0.13 1.05	45.08 -0.18 1.08	45.89 -0.05 0.04	49.78 0.00 0.29	55.68 -0.11 0.00	55.85 -0.22 0.00	56.18 0.44 0.00	49.27 0.39 0.00	44.70 0.44 0.00	39.60 0.31 0.00	38.34 0.46 0.00
CLINTON___LFGE 323618	29.47 -0.18 0.00	23.50 -0.38 0.00	21.49 -0.31 0.00	20.67 -0.25 0.00	21.19 -0.24 0.00	25.20 0.03 0.00	30.77 0.46 0.00	31.34 0.52 0.00	32.80 0.58 0.00	33.07 0.74 0.00	36.23 0.78 0.00	37.57 0.64 0.77	40.13 0.68 0.70	43.86 0.66 1.05	45.86 0.60 1.08	46.76 0.83 0.04	50.73 0.95 0.29	56.80 1.01 0.00	57.08 1.01 0.00	57.30 1.56 0.00	50.25 1.37 0.00	45.63 1.37 0.00	40.35 1.06 0.00	39.06 1.18 0.00
COBBLENY_34_KV_TB1 80064	28.87 -0.77 0.00	23.81 -0.07 0.00	21.66 -0.13 0.00	21.13 0.21 0.00	21.51 0.09 0.00	25.03 -0.15 0.00	29.65 -0.67 0.00	29.80 -1.02 0.00	31.64 -0.58 0.00	31.55 -0.78 0.00	34.39 -1.06 0.00	34.49 -1.21 2.00	37.28 -1.04 1.82	39.97 -1.55 2.73	41.03 -2.50 2.82	43.20 -2.67 0.11	47.47 -1.85 0.74	53.39 -2.12 0.28	55.00 -1.07 0.01	54.40 -1.34 0.00	47.80 -1.08 0.00	43.86 -0.40 0.00	39.02 -0.28 0.00	36.89 -0.99 0.01
COFFEEN___115KV_TB3 355620	30.38 0.74 0.00	24.14 0.38 0.12	22.21 0.41 0.00	21.40 0.48 0.00	22.08 0.66 0.00	25.83 0.65 0.00	30.80 0.49 0.00	31.22 0.40 0.00	32.64 0.42 0.00	32.29 -0.03 0.00	35.53 0.07 0.00	37.02 0.23 0.91	39.68 0.36 0.83	43.22 0.22 1.24	45.25 0.19 1.28	46.25 0.32 0.05	50.68 0.95 0.34	56.84 1.39 0.35	58.59 2.52 0.01	58.47 2.73 0.00	51.52 2.64 0.00	46.73 2.48 0.00	41.26 1.96 0.00	39.36 1.48 0.00
COLDSPRG_115KV_BK1 355956	29.29 -0.36 0.00	24.14 0.26 0.00	21.99 0.20 0.00	21.49 0.56 0.00	21.93 0.51 0.00	25.55 0.38 0.00	30.50 0.18 0.00	30.85 0.03 0.00	32.77 0.55 0.00	32.75 0.42 0.00	35.70 0.25 0.00	35.83 0.11 1.98	38.71 0.36 1.80	41.54 0.00 2.70	42.39 -1.16 2.79	44.49 -1.38 0.11	48.88 -0.45 0.74	54.96 -0.56 0.28	56.29 0.22 0.01	55.68 -0.06 0.00	48.98 0.10 0.00	44.83 0.58 0.00	39.96 0.67 0.00	37.80 -0.08 0.01
COLONIE_LFGE___ 323577	31.18 1.54 0.00	28.79 1.51 -3.40	23.13 1.33 0.00	22.13 1.21 0.00	22.62 1.20 0.00	26.31 1.13 0.00	31.50 1.18 0.00	31.92 1.11 0.00	33.35 1.13 0.00	33.29 0.97 0.00	36.45 0.99 0.00	36.97 1.21 1.93	39.62 1.25 1.77	43.09 1.51 2.66	45.18 1.58 2.74	47.52 1.65 0.11	72.36 1.60 -20.70	58.72 2.51 -0.41	58.78 2.69 -0.01	57.86 2.12 0.00	50.74 1.86 0.00	45.80 1.55 0.00	40.63 1.34 0.00	39.32 1.44 0.01
COOPERNY_115KV_TB1 80082	30.59 0.95 0.00	25.09 1.00 -0.21	22.67 0.87 0.00	21.74 0.82 0.00	22.23 0.81 0.00	25.86 0.68 0.00	31.01 0.70 0.00	31.71 0.89 0.00	33.12 0.90 0.00	33.20 0.87 0.00	36.38 0.92 0.00	37.23 1.09 1.56	39.89 1.16 1.42	43.44 1.33 2.13	45.67 1.53 2.20	47.41 1.52 0.09	51.09 1.60 0.58	61.19 2.06 -3.33	58.53 2.36 -0.10	57.58 1.84 0.00	50.30 1.42 0.00	45.36 1.11 0.00	40.27 0.98 0.00	38.83 0.95 0.01
COPENHAGEN_WT_PWR 323753	30.09 0.45 0.00	23.97 0.21 0.12	22.04 0.24 0.00	21.23 0.31 0.00	21.87 0.45 0.00	25.60 0.43 0.00	30.53 0.21 0.00	30.97 0.15 0.00	32.38 0.16 0.00	32.13 -0.19 0.00	35.31 -0.14 0.00	36.79 -0.04 0.87	39.43 0.08 0.79	43.01 -0.04 1.19	45.16 0.05 1.23	45.97 0.05 0.05	50.24 0.50 0.32	56.28 0.84 0.35	57.86 1.79 0.01	57.64 1.90 0.00	50.78 1.90 0.00	46.11 1.86 0.00	40.75 1.45 0.00	38.91 1.02 0.00
CORNELL_____ 23752	30.32 0.68 0.00	24.55 0.67 0.00	22.43 0.63 0.00	21.61 0.69 0.00	22.08 0.66 0.00	25.83 0.65 0.00	30.89 0.58 0.00	31.37 0.55 0.00	32.87 0.64 0.00	32.75 0.42 0.00	35.88 0.43 0.00	36.56 0.49 1.63	39.27 0.60 1.48	42.55 0.53 2.22	44.47 0.42 2.29	46.21 0.32 0.09	50.21 0.75 0.61	56.62 1.06 0.24	57.81 1.74 0.01	57.13 1.39 0.00	50.20 1.32 0.00	45.49 1.24 0.00	40.35 1.06 0.00	38.56 0.68 0.01

CORONA V_69_KV_TB1 355595	32.18 2.52 -0.02	26.69 2.44 -0.37	23.91 2.11 0.00	22.82 1.90 0.00	23.28 1.86 0.00	26.84 1.66 0.00	32.46 2.12 -0.02	33.36 2.53 -0.02	34.91 2.67 -0.02	34.99 2.65 -0.02	69.65 2.91 -31.29	80.13 3.36 -39.08	64.51 3.33 -21.03	78.58 3.72 -30.62	66.52 3.99 -16.19	98.76 3.86 -48.92	85.17 4.01 -31.10	103.79 4.97 -43.03	114.90 5.33 -53.50	83.80 4.46 -23.60	75.58 3.67 -23.04	64.73 3.10 -17.38	62.40 2.87 -20.24	61.00 2.77 -20.35
CORTLAND_115KV_TB3 80093	30.12 0.47 0.00	24.40 0.53 0.00	22.30 0.50 0.00	21.46 0.54 0.00	21.93 0.51 0.00	25.63 0.45 0.00	30.65 0.33 0.00	31.12 0.31 0.00	32.61 0.39 0.00	32.55 0.23 0.00	35.70 0.25 0.00	36.32 0.26 1.64	39.02 0.36 1.49	42.32 0.31 2.23	44.22 0.19 2.31	46.02 0.14 0.09	49.91 0.45 0.61	56.19 0.67 0.28	57.24 1.18 0.01	56.63 0.89 0.00	49.71 0.83 0.00	45.05 0.80 0.00	39.96 0.67 0.00	38.22 0.34 0.01
COXSACKIE__GT 23611	31.18 1.54 0.00	26.44 1.08 -1.48	23.06 1.26 0.00	22.03 1.11 0.00	22.49 1.07 0.00	26.33 1.16 0.00	31.59 1.27 0.00	31.96 1.14 0.00	33.28 1.06 0.00	33.10 0.77 0.00	36.16 0.71 0.00	36.74 0.90 1.86	39.37 0.92 1.70	42.98 1.28 2.55	44.87 1.16 2.64	47.30 1.43 0.11	45.43 2.45 7.09	60.64 3.57 -1.27	59.98 3.87 -0.04	58.25 2.51 0.00	51.42 2.54 0.00	46.16 1.90 0.00	40.67 1.37 0.00	39.28 1.40 0.01
CPV_VALLEY__CC1 323721	31.01 1.36 0.00	25.66 1.46 -0.33	23.04 1.24 0.00	22.03 1.11 0.00	22.51 1.09 0.00	26.08 0.91 0.00	31.32 1.00 0.00	32.14 1.32 0.00	33.54 1.32 0.00	33.65 1.33 0.00	36.84 1.38 0.00	37.63 1.66 1.73	40.34 1.76 1.57	43.88 1.99 2.36	46.09 2.18 2.43	48.22 2.34 0.10	51.82 2.40 0.64	65.79 3.23 -6.76	59.76 3.48 -0.21	58.47 2.73 0.00	50.93 2.05 0.00	45.76 1.51 0.00	40.70 1.41 0.00	39.24 1.36 0.01
CPV_VALLEY__CC2 323722	31.01 1.36 0.00	25.66 1.46 -0.33	23.04 1.24 0.00	22.03 1.11 0.00	22.51 1.09 0.00	26.08 0.91 0.00	31.32 1.00 0.00	32.14 1.32 0.00	33.54 1.32 0.00	33.65 1.33 0.00	36.84 1.38 0.00	37.63 1.66 1.73	40.34 1.76 1.57	43.88 1.99 2.36	46.09 2.18 2.43	48.22 2.34 0.10	51.82 2.40 0.64	65.79 3.23 -6.76	59.76 3.48 -0.21	58.47 2.73 0.00	50.93 2.05 0.00	45.76 1.51 0.00	40.70 1.41 0.00	39.24 1.36 0.01
CRESCENT__HYD 24018	31.18 1.54 0.00	28.79 1.51 -3.40	23.13 1.33 0.00	22.13 1.21 0.00	22.62 1.20 0.00	26.31 1.13 0.00	31.50 1.18 0.00	31.92 1.11 0.00	33.35 1.13 0.00	33.29 0.97 0.00	36.45 0.99 0.00	36.97 1.21 1.93	39.62 1.25 1.77	43.09 1.51 2.66	45.18 1.58 2.74	47.52 1.65 0.11	72.36 2.51 -20.70	58.72 2.69 -0.41	58.78 2.69 -0.01	57.86 2.12 0.00	50.74 1.86 0.00	45.80 1.55 0.00	40.63 1.34 0.00	39.32 1.44 0.01
CRICKET__VALLEY_CC1 323756	31.33 1.69 0.00	26.11 1.77 -0.47	23.34 1.55 0.00	22.32 1.40 0.00	22.81 1.39 0.00	26.41 1.23 0.00	31.62 1.30 0.00	32.26 1.45 0.00	33.70 1.48 0.00	33.75 1.42 0.00	36.98 1.52 0.00	37.75 1.85 1.80	40.44 1.93 1.63	43.96 2.17 2.45	46.18 2.36 2.53	48.36 2.48 0.10	52.78 2.55 -0.17	67.15 3.46 -7.89	60.02 3.70 -0.25	58.69 2.95 0.00	51.18 2.30 0.00	45.98 1.72 0.00	40.90 1.61 0.00	39.62 1.74 0.01
CRICKET__VALLEY_CC2 323757	31.33 1.69 0.00	26.11 1.77 -0.47	23.34 1.55 0.00	22.32 1.40 0.00	22.81 1.39 0.00	26.41 1.23 0.00	31.62 1.30 0.00	32.26 1.45 0.00	33.70 1.48 0.00	33.75 1.42 0.00	36.98 1.52 0.00	37.75 1.85 1.80	40.44 1.93 1.63	43.96 2.17 2.45	46.18 2.36 2.53	48.36 2.48 0.10	52.78 2.55 -0.17	67.15 3.46 -7.89	60.02 3.70 -0.25	58.69 2.95 0.00	51.18 2.30 0.00	45.98 1.72 0.00	40.90 1.61 0.00	39.62 1.74 0.01
CRICKET__VALLEY_CC3 323758	31.33 1.69 0.00	26.11 1.77 -0.47	23.34 1.55 0.00	22.32 1.40 0.00	22.81 1.39 0.00	26.41 1.23 0.00	31.62 1.30 0.00	32.26 1.45 0.00	33.70 1.48 0.00	33.75 1.42 0.00	36.98 1.52 0.00	37.75 1.85 1.80	40.44 1.93 1.63	43.96 2.17 2.45	46.18 2.36 2.53	48.36 2.48 0.10	52.78 2.55 -0.17	67.15 3.46 -7.89	60.02 3.70 -0.25	58.69 2.95 0.00	51.18 2.30 0.00	45.98 1.72 0.00	40.90 1.61 0.00	39.62 1.74 0.01
CRUCIBLE_METL_DRP 24180	29.73 0.09 0.00	23.94 0.17 0.10	21.97 0.17 0.00	21.13 0.21 0.00	21.57 0.15 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.69 -0.12 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.31 -0.14 0.00	37.10 -0.15 0.45	39.62 -0.12 0.41	43.41 -0.22 0.61	45.34 -0.37 0.63	45.49 -0.46 0.03	49.60 -0.30 0.17	55.24 -0.22 0.33	56.18 0.11 0.01	55.52 -0.22 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.58 -0.30 0.00
DAHOWA__HYDRO 323763	31.75 2.10 0.00	29.76 1.91 -3.97	23.47 1.68 0.00	22.43 1.51 0.00	22.94 1.52 0.00	26.71 1.54 0.00	32.04 1.73 0.00	32.48 1.66 0.00	33.90 1.67 0.00	33.78 1.46 0.00	36.62 1.17 0.00	37.14 1.40 1.95	39.92 1.56 1.79	43.46 1.90 2.68	45.61 2.04 2.77	48.07 2.21 0.11	62.64 2.25 -10.32	59.03 3.23 0.00	59.44 3.36 0.00	58.64 2.90 0.00	51.52 2.64 0.00	46.73 2.48 0.00	41.25 1.96 0.00	39.81 1.93 0.01
DANC__LFGE 323619	29.85 0.21 0.00	23.86 0.10 0.12	21.93 0.13 0.00	21.11 0.19 0.00	21.68 0.26 0.00	25.33 0.15 0.00	30.23 -0.09 0.00	30.66 -0.15 0.00	32.09 -0.13 0.00	31.90 -0.42 0.00	35.10 -0.35 0.00	36.79 -0.26 0.65	39.35 -0.20 0.59	43.05 -0.31 0.89	45.15 -0.28 0.92	45.53 -0.41 0.04	49.67 -0.15 0.24	55.50 0.06 0.35	56.85 0.78 0.01	56.52 0.78 0.00	49.76 0.88 0.00	45.23 0.97 0.00	40.00 0.71 0.00	38.26 0.38 0.00
DANSKAMMER__1 23586	31.54 1.90 0.00	26.17 1.91 -0.38	23.41 1.61 0.00	22.38 1.46 0.00	22.88 1.46 0.00	26.53 1.36 0.00	31.89 1.58 0.00	32.67 1.85 0.00	34.15 1.93 0.00	34.20 1.87 0.00	37.47 2.02 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.71 2.87 2.40	47.10 3.24 2.48	49.37 3.49 0.10	53.06 3.65 0.66	67.76 4.69 -7.27	61.29 4.99 -0.23	59.92 4.18 0.00	52.30 3.42 0.00	46.86 2.61 0.00	41.57 2.28 0.00	40.07 2.20 0.01
DANSKAMMER__2 23589	31.54 1.90 0.00	26.17 1.91 -0.38	23.41 1.61 0.00	22.38 1.46 0.00	22.88 1.46 0.00	26.53 1.36 0.00	31.89 1.58 0.00	32.67 1.85 0.00	34.15 1.93 0.00	34.20 1.87 0.00	37.47 2.02 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.71 2.87 2.40	47.10 3.24 2.48	49.37 3.49 0.10	53.06 3.65 0.66	67.76 4.69 -7.27	61.29 4.99 -0.23	59.92 4.18 0.00	52.30 3.42 0.00	46.86 2.61 0.00	41.57 2.28 0.00	40.07 2.20 0.01
DANSKAMMER__3 23590	31.54 1.90 0.00	26.17 1.91 -0.38	23.41 1.61 0.00	22.38 1.46 0.00	22.88 1.46 0.00	26.53 1.36 0.00	31.89 1.58 0.00	32.67 1.85 0.00	34.15 1.93 0.00	34.20 1.87 0.00	37.47 2.02 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.71 2.87 2.40	47.10 3.24 2.48	49.37 3.49 0.10	53.06 3.65 0.66	67.76 4.69 -7.27	61.29 4.99 -0.23	59.92 4.18 0.00	52.30 3.42 0.00	46.86 2.61 0.00	41.57 2.28 0.00	40.07 2.20 0.01

DANSKAMMER___4 23591	31.54 1.90 0.00	26.17 1.91 -0.38	23.41 1.61 0.00	22.38 1.46 0.00	22.88 1.46 0.00	26.53 1.36 0.00	31.89 1.58 0.00	32.67 1.85 0.00	34.15 1.93 0.00	34.20 1.87 0.00	37.47 2.02 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.71 2.87 2.40	47.10 3.24 2.48	49.37 3.49 0.10	53.06 3.65 0.66	67.76 4.69 -7.27	61.29 4.99 -0.23	59.92 4.18 0.00	52.30 3.42 0.00	46.86 2.61 0.00	41.57 2.28 0.00	40.07 2.20 0.01
DANSKAMMER___DIESEL 23592	31.54 1.90 0.00	26.17 1.91 -0.38	23.41 1.61 0.00	22.39 1.46 0.00	22.88 1.46 0.00	26.54 1.36 0.00	31.89 1.58 0.00	32.70 1.88 0.00	34.15 1.93 0.00	34.20 1.87 0.00	37.47 2.02 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.76 2.92 2.40	47.34 3.48 2.48	49.33 3.45 0.10	53.06 3.65 0.66	67.81 4.74 -7.27	61.35 5.05 -0.23	59.98 4.24 0.00	52.25 3.37 0.00	46.82 2.57 0.00	41.45 2.16 0.00	40.04 2.16 0.01
DARBY___SOLAR 323810	31.60 1.96 0.00	29.58 1.79 -3.91	23.39 1.59 0.00	22.34 1.42 0.00	22.86 1.44 0.00	26.61 1.43 0.00	31.92 1.61 0.00	32.33 1.51 0.00	33.74 1.51 0.00	33.65 1.33 0.00	36.52 1.06 0.00	37.03 1.28 1.95	39.77 1.40 1.78	43.29 1.72 2.68	45.43 1.86 2.76	47.89 2.02 0.11	63.79 2.05 -11.68	58.81 3.01 0.00	59.27 3.19 0.00	58.47 2.73 0.00	51.32 2.44 0.00	46.51 2.26 0.00	41.10 1.81 0.00	39.69 1.82 0.01
DASHVILLE___HYD 23610	31.69 2.05 0.00	26.31 1.79 -0.64	23.52 1.72 0.00	22.47 1.55 0.00	22.94 1.52 0.00	26.66 1.49 0.00	32.02 1.70 0.00	32.85 2.03 0.00	34.32 2.09 0.00	34.36 2.04 0.00	37.62 2.16 0.00	38.45 2.53 1.77	41.26 2.73 1.61	45.01 3.19 2.42	47.69 3.85 2.50	49.74 3.86 0.10	52.77 4.76 2.05	67.33 6.03 -5.51	62.58 6.34 -0.17	60.53 4.79 0.00	52.79 3.91 0.00	47.22 2.97 0.00	41.77 2.48 0.00	40.34 2.46 0.01
DELAWARE___LFGE 323621	30.62 0.98 0.00	25.30 0.98 -0.44	22.71 0.92 0.00	21.80 0.88 0.00	22.32 0.90 0.00	25.96 0.78 0.00	31.08 0.76 0.00	31.65 0.83 0.00	33.09 0.87 0.00	33.07 0.74 0.00	36.27 0.82 0.00	36.71 0.94 1.93	39.48 1.08 1.75	42.76 1.15 2.63	44.93 1.30 2.72	47.16 1.29 0.11	50.85 1.50 0.72	57.58 1.79 0.00	58.32 2.24 0.00	57.52 1.78 0.00	50.44 1.56 0.00	45.58 1.33 0.00	40.47 1.18 0.00	38.90 1.02 0.01
DERFIELD_115KV_TB7 355931	29.91 0.27 0.00	24.08 0.38 0.18	22.14 0.35 0.00	21.26 0.33 0.00	21.74 0.32 0.00	25.35 0.18 0.00	30.38 0.06 0.00	30.88 0.06 0.00	32.29 0.06 0.00	32.29 -0.03 0.00	35.42 -0.04 0.00	35.38 0.00 2.32	38.08 0.04 2.11	41.13 0.04 3.16	43.17 0.09 3.26	45.89 0.05 0.13	49.25 0.05 0.86	55.59 0.28 0.48	56.62 0.56 0.02	55.96 0.22 0.00	49.03 0.15 0.00	44.43 0.18 0.00	39.41 0.12 0.00	37.91 0.04 0.01
DOGLEVILLE___HYD 23807	29.38 -0.27 0.00	23.60 -0.10 0.18	21.73 -0.07 0.00	20.86 -0.06 0.00	21.38 -0.04 0.00	24.97 -0.20 0.00	29.95 -0.36 0.00	30.42 -0.40 0.00	31.80 -0.42 0.00	31.78 -0.55 0.00	34.85 -0.60 0.00	34.78 -0.60 2.32	37.44 -0.60 2.11	40.37 -0.71 3.16	42.38 -0.70 3.26	45.11 -0.74 0.13	48.40 -0.80 0.86	54.59 -0.73 0.48	55.67 -0.39 0.02	55.02 -0.72 0.00	48.20 -0.68 0.00	43.72 -0.53 0.00	38.82 -0.47 0.00	37.34 -0.53 0.01
DUNKIRK__115KV_TB_200 55889	28.96 -0.68 0.00	23.88 0.00 0.00	21.77 -0.02 0.00	21.23 0.31 0.00	21.68 0.26 0.00	25.23 0.05 0.00	29.95 -0.36 0.00	30.14 -0.68 0.00	32.00 -0.23 0.00	31.94 -0.39 0.00	34.78 -0.67 0.00	34.90 -0.79 2.00	37.68 -0.64 1.82	40.40 -1.11 2.73	41.48 -2.04 2.82	43.66 -2.21 0.11	47.97 -1.35 0.75	54.00 -1.51 0.29	55.79 -0.28 0.01	55.18 -0.56 0.00	48.54 -0.34 0.00	44.48 0.22 0.00	39.53 0.24 0.00	37.42 -0.45 0.01
DUNKIRK___1 23563	28.96 -0.68 0.00	23.88 0.00 0.00	21.77 -0.02 0.00	21.23 0.31 0.00	21.68 0.26 0.00	25.23 0.05 0.00	29.95 -0.36 0.00	30.14 -0.68 0.00	32.00 -0.23 0.00	31.94 -0.39 0.00	34.78 -0.67 0.00	34.90 -0.79 2.00	37.68 -0.64 1.82	40.40 -1.11 2.73	41.48 -2.04 2.82	43.66 -2.21 0.11	47.97 -1.35 0.75	54.00 -1.51 0.29	55.79 -0.28 0.01	55.18 -0.56 0.00	48.54 -0.34 0.00	44.48 0.22 0.00	39.53 0.24 0.00	37.42 -0.45 0.01
DUNKIRK___2 23564	28.96 -0.68 0.00	23.88 0.00 0.00	21.77 -0.02 0.00	21.23 0.31 0.00	21.68 0.26 0.00	25.23 0.05 0.00	29.95 -0.36 0.00	30.14 -0.68 0.00	32.00 -0.23 0.00	31.94 -0.39 0.00	34.78 -0.67 0.00	34.90 -0.79 2.00	37.68 -0.64 1.82	40.40 -1.11 2.73	41.48 -2.04 2.82	43.66 -2.21 0.11	47.97 -1.35 0.75	54.00 -1.51 0.29	55.79 -0.28 0.01	55.18 -0.56 0.00	48.54 -0.34 0.00	44.48 0.22 0.00	39.53 0.24 0.00	37.42 -0.45 0.01
DUNKIRK___3 23565	28.90 -0.74 0.00	23.83 -0.05 0.00	21.73 -0.07 0.00	21.17 0.25 0.00	21.59 0.17 0.00	25.13 -0.05 0.00	29.80 -0.52 0.00	29.98 -0.83 0.00	31.80 -0.42 0.00	31.74 -0.58 0.00	34.57 -0.89 0.00	34.67 -1.02 2.01	37.44 -0.88 1.82	40.13 -1.37 2.74	41.25 -2.27 2.83	43.43 -2.44 0.11	47.67 -1.65 0.75	53.67 -1.84 0.29	55.39 -0.67 0.01	54.79 -0.95 0.00	48.15 -0.73 0.00	44.12 -0.13 0.00	39.21 -0.08 0.00	37.16 -0.72 0.01
DUNKIRK___4 23566	28.90 -0.74 0.00	23.83 -0.05 0.00	21.73 -0.07 0.00	21.17 0.25 0.00	21.59 0.17 0.00	25.13 -0.05 0.00	29.80 -0.52 0.00	29.98 -0.83 0.00	31.80 -0.42 0.00	31.74 -0.58 0.00	34.57 -0.89 0.00	34.67 -1.02 2.01	37.44 -0.88 1.82	40.13 -1.37 2.74	41.25 -2.27 2.83	43.43 -2.44 0.11	47.67 -1.65 0.75	53.67 -1.84 0.29	55.39 -0.67 0.01	54.79 -0.95 0.00	48.15 -0.73 0.00	44.12 -0.13 0.00	39.21 -0.08 0.00	37.16 -0.72 0.01
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.63 1.99 0.00	26.19 1.96 -0.36	23.50 1.70 0.00	22.47 1.55 0.00	22.96 1.54 0.00	26.54 1.36 0.00	31.89 1.58 0.00	32.88 2.06 0.00	34.35 2.13 0.00	34.49 2.17 0.00	37.79 2.34 0.00	38.57 2.64 1.77	41.35 2.81 1.61	45.02 3.19 2.41	47.52 3.66 2.49	49.42 3.54 0.10	53.11 3.70 0.66	68.12 4.74 -7.58	61.42 5.10 -0.24	59.86 4.12 0.00	52.06 3.18 0.00	46.78 2.52 0.00	41.49 2.20 0.00	40.04 2.16 0.01
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.36 1.72 0.00	26.02 1.77 -0.37	23.28 1.48 0.00	22.26 1.34 0.00	22.75 1.33 0.00	26.38 1.21 0.00	31.68 1.36 0.00	32.51 1.69 0.00	33.96 1.74 0.00	34.04 1.71 0.00	37.30 1.84 0.00	38.10 2.15 1.75	40.85 2.29 1.59	44.47 2.61 2.38	46.99 3.11 2.46	48.96 3.08 0.10	52.67 3.25 0.65	66.96 4.24 -6.93	60.83 4.54 -0.22	59.47 3.73 0.00	51.81 2.93 0.00	46.47 2.21 0.00	41.18 1.89 0.00	39.77 1.89 0.01
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.08 2.43 -0.01	26.51 2.27 -0.36	23.76 1.96 -0.01	22.73 1.80 -0.01	23.25 1.82 -0.01	26.74 1.56 0.00	31.95 1.64 0.00	32.94 2.13 0.00	34.35 2.13 0.00	34.52 2.20 0.00	37.86 2.41 0.00	38.72 2.79 1.77	41.47 2.93 1.61	45.02 3.19 2.41	47.57 3.71 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.84 4.46 -7.58	61.13 4.82 -0.23	59.58 3.85 0.01	51.71 2.84 0.01	47.09 2.83 0.00	41.89 2.59 -0.01	40.50 2.61 0.00

E179THST_13_KV_LOAD 356214	32.23 2.58 -0.01	26.63 2.39 -0.36	23.87 2.07 -0.01	22.83 1.90 -0.01	23.34 1.91 -0.01	26.84 1.66 0.00	32.11 1.79 0.00	33.10 2.28 0.00	34.54 2.32 0.00	34.72 2.39 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.28 3.45 2.41	47.89 4.03 2.48	49.69 3.82 0.10	53.16 3.75 0.66	68.23 4.85 -7.58	61.52 5.21 -0.23	59.97 4.24 0.01	52.05 3.18 0.01	47.40 3.14 0.00	42.13 2.83 -0.01	40.73 2.84 0.00
EAST HAMPTON___GT 23717	32.02 2.37 -0.01	26.75 2.51 -0.36	23.80 2.00 0.00	22.72 1.80 0.00	23.15 1.73 0.00	26.66 1.49 0.00	32.45 2.12 -0.01	33.91 3.08 -0.01	35.07 2.84 -0.01	35.08 2.75 -0.01	39.94 2.69 -1.79	41.52 3.24 -0.58	43.25 3.41 0.31	46.22 3.58 1.61	44.88 3.66 5.12	47.02 3.72 2.68	59.12 3.86 -5.20	70.66 5.24 -9.62	65.15 5.78 -3.30	66.91 5.02 -6.15	54.00 3.71 -1.41	52.37 2.92 -5.20	43.43 2.98 -1.16	42.38 3.33 -1.15
EAST RIVER___6 23660	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.04 2.59 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.37 3.54 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.41 4.01 0.66	68.45 5.08 -7.58	61.70 5.38 -0.24	60.14 4.40 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.92 2.63 0.00	40.34 2.46 0.01
EAST RIVER___7 23524	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.04 2.59 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.37 3.54 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.41 4.01 0.66	68.45 5.08 -7.58	61.70 5.38 -0.24	60.14 4.40 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.92 2.63 0.00	40.34 2.46 0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.57 1.93 0.00	26.17 1.93 -0.35	23.45 1.66 0.00	22.43 1.51 0.00	22.92 1.50 0.00	26.51 1.33 0.00	31.83 1.52 0.00	32.79 1.97 0.00	34.25 2.03 0.00	34.36 2.04 0.00	37.65 2.20 0.00	38.46 2.53 1.77	41.23 2.69 1.61	44.84 3.01 2.41	47.38 3.52 2.49	49.28 3.40 0.10	52.96 3.55 0.66	67.93 4.58 -7.56	61.25 4.93 -0.24	59.75 4.01 0.00	51.91 3.03 0.00	46.64 2.39 0.00	41.37 2.08 0.00	39.96 2.08 0.01
EAST_HAMPTON___DIESEL 23722	31.97 2.31 -0.01	26.73 2.48 -0.36	23.78 1.98 0.00	22.68 1.76 0.00	23.13 1.71 0.00	26.61 1.43 0.00	32.42 2.09 -0.01	33.88 3.05 -0.01	35.00 2.77 -0.01	35.05 2.72 -0.01	39.87 2.62 -1.79	41.44 3.17 -0.58	43.16 3.33 0.31	46.13 3.49 1.61	44.79 3.57 5.12	46.88 3.59 2.68	58.97 3.70 -5.20	70.49 5.08 -9.62	65.03 5.66 -3.30	66.79 4.91 -6.15	53.86 3.57 -1.41	52.24 2.79 -5.20	43.32 2.87 -1.16	42.34 3.29 -1.15
EAST_POINT___SOLAR 323840	32.31 2.67 0.00	30.14 2.32 -3.95	23.87 2.07 0.00	22.82 1.90 0.00	23.37 1.95 0.00	27.26 2.09 0.00	32.17 1.85 0.00	31.86 1.05 0.00	33.09 0.87 0.00	33.07 0.74 0.00	36.30 0.85 0.00	36.45 0.71 1.96	39.19 0.84 1.80	43.14 1.59 2.69	45.88 2.32 2.78	48.35 2.48 0.11	52.89 2.75 -0.08	59.70 3.90 0.00	60.95 4.88 0.00	60.98 5.24 0.00	54.06 5.18 0.00	48.99 4.74 0.00	43.10 3.81 0.00	41.25 3.37 0.01
EAST_PULASKI___ESR 323781	29.58 -0.06 0.00	23.77 0.00 0.11	21.80 0.00 0.00	20.98 0.06 0.00	21.49 0.06 0.00	25.10 -0.08 0.00	30.01 -0.30 0.00	30.41 -0.40 0.00	31.84 -0.39 0.00	31.75 -0.58 0.00	34.92 -0.53 0.00	37.01 -0.53 0.16	39.51 -0.48 0.15	43.40 -0.62 0.23	45.51 -0.60 0.23	45.05 -0.92 0.01	49.20 -0.80 0.06	54.67 -0.78 0.34	55.78 -0.28 0.01	55.29 -0.45 0.00	48.68 -0.19 0.00	44.39 0.13 0.00	39.29 0.00 0.00	37.58 -0.30 0.00
EAST_RIVER___1 323558	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	31.98 1.67 0.00	33.04 2.22 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.37 3.54 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.41 4.01 0.66	68.51 5.13 -7.58	61.75 5.44 -0.24	60.20 4.46 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.88 2.59 0.00	40.30 2.43 0.01
EAST_RIVER___2 323559	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.04 2.59 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.37 3.54 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.41 4.01 0.66	68.45 5.08 -7.58	61.70 5.38 -0.24	60.14 4.40 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.92 2.63 0.00	40.34 2.46 0.01
EAST___DELAWARE_HYD 23607	31.54 1.90 0.00	26.14 1.86 -0.40	23.37 1.57 0.00	22.34 1.42 0.00	22.83 1.41 0.00	26.59 1.41 0.00	31.92 1.61 0.00	32.70 1.88 0.00	34.19 1.97 0.00	34.20 1.87 0.00	37.44 1.98 0.00	38.38 2.38 1.70	41.17 2.57 1.54	44.85 2.92 2.32	47.29 3.34 2.39	49.42 3.54 0.10	53.24 3.80 0.63	66.08 4.85 -5.43	61.46 5.22 -0.17	60.31 4.57 0.00	52.74 3.86 0.00	47.26 3.01 0.00	41.84 2.55 0.00	40.30 2.43 0.01
EIGHT_POINT___WT_PWR 323820	29.11 -0.53 0.00	23.76 -0.12 0.00	21.73 -0.07 0.00	21.15 0.23 0.00	21.66 0.24 0.00	25.38 0.20 0.00	30.23 -0.09 0.00	30.54 -0.28 0.00	32.12 -0.10 0.00	32.00 -0.32 0.00	34.99 -0.46 0.00	35.26 -0.60 1.84	37.99 -0.48 1.67	40.76 -0.97 2.51	42.69 -1.06 2.59	44.22 -1.65 0.10	48.43 -0.95 0.68	54.59 -0.95 0.25	56.35 0.28 0.01	56.08 0.34 0.00	49.51 0.63 0.00	45.18 0.93 0.00	40.27 0.98 0.00	38.18 0.30 0.01
ELBRIDGE_115KV_TB2 80188	29.49 -0.15 0.00	23.88 0.00 0.00	21.80 0.00 0.00	20.98 0.06 0.00	21.42 0.00 0.00	25.05 -0.13 0.00	30.01 -0.30 0.00	30.42 -0.40 0.00	31.87 -0.35 0.00	31.87 -0.45 0.00	34.99 -0.46 0.00	36.94 -0.53 0.23	39.41 -0.52 0.21	43.26 -0.66 0.32	45.18 -0.83 0.33	45.09 -0.87 0.01	49.23 -0.75 0.09	54.69 -0.78 0.32	55.67 -0.39 0.01	55.07 -0.67 0.00	48.34 -0.54 0.00	43.90 -0.35 0.00	38.94 -0.35 0.00	37.28 -0.61 0.00
ELEC_TRO_TEK 24086	31.97 2.31 -0.02	26.52 2.27 -0.37	23.74 1.94 0.00	22.66 1.74 0.00	23.11 1.69 0.00	26.66 1.49 0.00	32.25 1.91 -0.02	33.15 2.31 -0.02	34.69 2.45 -0.02	34.77 2.42 -0.02	50.96 2.66 -12.84	55.75 3.05 -15.00	50.84 3.01 -7.68	58.33 3.27 -10.82	53.91 3.52 -4.04	67.80 3.45 -18.37	65.95 3.50 -12.38	82.39 4.46 -22.13	83.00 4.82 -22.11	69.38 3.96 -9.69	61.46 3.13 -9.45	52.76 2.66 -5.85	50.07 2.48 -8.31	48.73 2.50 -8.35
ELLENBURG_WT_PWR 323604	29.02 -0.62 0.00	23.16 -0.72 0.00	21.16 -0.63 0.00	20.33 -0.59 0.00	20.89 -0.53 0.00	24.82 -0.35 0.00	30.20 -0.12 0.00	30.79 -0.03 0.00	32.22 0.00 0.00	32.46 0.13 0.00	35.56 0.11 0.00	36.86 -0.08 0.77	39.33 -0.12 0.70	43.06 -0.13 1.05	45.08 -0.18 1.08	45.89 -0.05 0.04	49.78 0.00 0.29	55.68 -0.11 0.00	55.85 -0.22 0.00	56.18 0.44 0.00	49.27 0.39 0.00	44.70 0.44 0.00	39.60 0.31 0.00	38.34 0.46 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.69 -0.95 0.00	23.66 -0.21 0.00	21.58 -0.22 0.00	21.00 0.08 0.00	21.40 -0.02 0.00	24.87 -0.30 0.00	29.47 -0.85 0.00	29.55 -1.26 0.00	31.35 -0.87 0.00	31.29 -1.03 0.00	34.04 -1.42 0.00	34.14 -1.55 2.02	36.87 -1.45 1.83	39.46 -2.04 2.75	40.53 -2.97 2.84	42.74 -3.13 0.11	46.91 -2.40 0.75	52.77 -2.73 0.29	54.38 -1.68 0.01	53.79 -1.95 0.00	47.32 -1.56 0.00	43.41 -0.84 0.00	38.62 -0.67 0.00	36.63 -1.25 0.01
EMPIRE_CC_1 323656	30.35 0.71 0.00	25.61 0.84 -0.89	22.54 0.74 0.00	21.59 0.67 0.00	22.09 0.66 0.00	25.65 0.48 0.00	30.53 0.21 0.00	31.03 0.22 0.00	32.38 0.16 0.00	32.39 0.06 0.00	35.53 0.07 0.00	36.06 0.23 1.87	38.55 0.16 1.75	41.92 0.31 2.63	43.77 0.14 2.72	46.15 0.28 0.11	34.71 -0.60 14.76	56.64 0.44 -0.40	56.71 0.62 -0.01	55.85 0.11 0.00	49.03 0.15 0.00	44.25 0.00 0.00	39.33 0.04 0.00	37.99 0.11 0.01
EMPIRE_CC_2 323658	30.35 0.71 0.00	25.61 0.84 -0.89	22.54 0.74 0.00	21.59 0.67 0.00	22.09 0.66 0.00	25.65 0.48 0.00	30.53 0.21 0.00	31.03 0.22 0.00	32.38 0.16 0.00	32.39 0.06 0.00	35.53 0.07 0.00	36.06 0.23 1.87	38.55 0.16 1.75	41.92 0.31 2.63	43.77 0.14 2.72	46.15 0.28 0.11	34.71 -0.60 14.76	56.64 0.44 -0.40	56.71 0.62 -0.01	55.85 0.11 0.00	49.03 0.15 0.00	44.25 0.00 0.00	39.33 0.04 0.00	37.99 0.11 0.01
ENORWICH_115KV_TB1 80156	31.42 1.78 0.00	25.46 1.46 -0.12	23.23 1.44 0.00	22.45 1.53 0.00	23.11 1.69 0.00	27.09 1.91 0.00	32.29 1.97 0.00	32.82 2.00 0.00	34.35 2.13 0.00	33.91 1.58 0.00	37.16 1.70 0.00	37.82 1.92 1.80	40.80 2.29 1.63	44.09 2.30 2.45	46.18 2.36 2.53	48.40 2.53 0.10	52.55 3.15 0.67	59.76 3.96 0.00	61.18 5.10 0.00	60.65 4.91 0.00	53.28 4.40 0.00	48.28 4.03 0.00	42.67 3.38 0.00	40.68 2.80 0.01
ERIE_ST__34_KV_TB1-2 80199	28.90 -0.74 0.00	23.83 -0.05 0.00	21.69 -0.11 0.00	21.13 0.21 0.00	21.53 0.11 0.00	25.05 -0.13 0.00	29.71 -0.61 0.00	29.92 -0.89 0.00	31.74 -0.48 0.00	31.71 -0.61 0.00	34.57 -0.89 0.00	34.68 -1.02 2.01	37.48 -0.84 1.82	40.18 -1.33 2.73	41.25 -2.27 2.82	43.47 -2.39 0.11	47.72 -1.60 0.75	53.72 -1.79 0.29	55.34 -0.73 0.01	54.68 -1.06 0.00	48.05 -0.83 0.00	43.99 -0.27 0.00	39.09 -0.20 0.00	36.97 -0.91 0.01
ERIE_WT_PWR 323693	28.81 -0.83 0.00	23.76 -0.12 0.00	21.64 -0.15 0.00	21.09 0.17 0.00	21.51 0.09 0.00	25.00 -0.18 0.00	29.62 -0.70 0.00	29.83 -0.99 0.00	31.54 -0.68 0.00	31.49 -0.84 0.00	34.32 -1.14 0.00	34.37 -1.32 2.01	37.15 -1.17 1.82	39.96 -1.55 2.74	41.80 -1.71 2.83	43.33 -2.53 0.11	47.47 -1.85 0.75	53.16 -2.34 0.29	54.78 -1.29 0.01	54.29 -1.45 0.00	47.80 -1.08 0.00	43.90 -0.36 0.00	38.97 -0.32 0.00	36.89 -0.99 0.01
ESPRGFLD_115KV_TB1 80157	31.63 1.99 0.00	28.41 1.74 -2.79	23.39 1.59 0.00	22.43 1.51 0.00	22.98 1.56 0.00	26.81 1.64 0.00	32.02 1.70 0.00	32.39 1.57 0.00	33.83 1.61 0.00	33.72 1.39 0.00	36.98 1.52 0.00	37.41 1.66 1.95	40.29 1.93 1.78	43.83 2.26 2.67	46.18 2.60 2.76	48.53 2.67 0.11	52.44 3.10 0.73	59.59 3.79 0.00	60.62 4.54 0.00	59.98 4.24 0.00	52.74 3.86 0.00	47.75 3.50 0.00	42.20 2.91 0.00	40.38 2.50 0.01
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.27 0.62 0.00	24.52 0.64 0.00	22.41 0.61 0.00	21.59 0.67 0.00	22.06 0.64 0.00	25.78 0.60 0.00	30.83 0.52 0.00	31.31 0.49 0.00	32.83 0.61 0.00	32.71 0.39 0.00	35.84 0.39 0.00	36.49 0.41 1.62	39.19 0.52 1.47	42.48 0.44 2.21	44.39 0.32 2.28	46.16 0.28 0.09	50.11 0.65 0.60	56.56 1.00 0.24	57.69 1.63 0.01	57.02 1.28 0.00	50.10 1.22 0.00	45.40 1.15 0.00	40.27 0.98 0.00	38.48 0.61 0.01
ETNA_____115KV_TB2 80207	30.27 0.62 0.00	24.52 0.64 0.00	22.41 0.61 0.00	21.59 0.67 0.00	22.06 0.64 0.00	25.78 0.60 0.00	30.83 0.52 0.00	31.31 0.49 0.00	32.83 0.61 0.00	32.71 0.39 0.00	35.84 0.39 0.00	36.49 0.41 1.62	39.19 0.52 1.47	42.48 0.44 2.21	44.39 0.32 2.28	46.16 0.28 0.09	50.11 0.65 0.60	56.56 1.00 0.24	57.69 1.63 0.01	57.02 1.28 0.00	50.10 1.22 0.00	45.40 1.15 0.00	40.27 0.98 0.00	38.48 0.61 0.01
EUCLID___115KV_TB2 356179	29.58 -0.06 0.00	23.84 0.07 0.11	21.86 0.07 0.00	21.05 0.13 0.00	21.48 0.06 0.00	25.10 -0.08 0.00	30.07 -0.24 0.00	30.51 -0.31 0.00	31.96 -0.26 0.00	31.94 -0.39 0.00	35.06 -0.39 0.00	36.12 -0.38 1.20	38.69 -0.36 1.09	42.16 -0.44 1.64	44.05 -0.60 1.69	45.22 -0.69 0.07	49.07 -0.55 0.45	54.95 -0.50 0.34	55.90 -0.17 0.01	55.24 -0.50 0.00	48.49 -0.39 0.00	43.99 -0.27 0.00	39.02 -0.28 0.00	37.35 -0.53 0.01
E_CANADA_CAP_HY 24051	32.22 2.58 0.00	29.78 2.24 -3.66	23.82 2.03 0.00	22.78 1.86 0.00	23.35 1.93 0.00	27.21 2.04 0.00	32.47 2.15 0.00	32.57 1.76 0.00	33.93 1.71 0.00	33.78 1.46 0.00	37.05 1.60 0.00	37.36 1.62 1.96	40.32 1.97 1.79	44.03 2.48 2.69	46.54 2.97 2.78	48.99 3.13 0.11	53.54 3.45 -0.03	60.26 4.47 0.00	61.29 5.22 0.00	60.86 5.12 0.00	53.67 4.79 0.00	48.72 4.47 0.00	42.95 3.65 0.00	41.09 3.22 0.01
E_CANADA_MHWK_HY 24050	29.38 -0.27 0.00	23.60 -0.10 0.18	21.73 -0.07 0.00	20.86 -0.06 0.00	21.38 -0.04 0.00	24.97 -0.20 0.00	29.95 -0.36 0.00	30.41 -0.40 0.00	31.80 -0.42 0.00	31.78 -0.55 0.00	34.85 -0.60 0.00	34.78 -0.60 2.32	37.44 -0.60 2.11	40.37 -0.71 3.16	42.39 -0.69 3.26	45.16 -0.69 0.13	48.40 -0.80 0.86	54.53 -0.78 0.48	55.61 -0.45 0.02	54.96 -0.78 0.00	48.20 -0.68 0.00	43.72 -0.53 0.00	38.78 -0.51 0.00	37.34 -0.53 0.01
E_FISHKILL___LBMP 23776	31.36 1.72 0.00	25.98 1.74 -0.36	23.30 1.50 0.00	22.30 1.38 0.00	22.79 1.37 0.00	26.38 1.21 0.00	31.65 1.33 0.00	32.48 1.66 0.00	33.93 1.71 0.00	34.01 1.68 0.00	37.26 1.81 0.00	38.03 2.11 1.78	40.74 2.21 1.62	44.34 2.52 2.42	46.81 2.97 2.50	48.73 2.85 0.10	52.36 2.95 0.66	67.49 3.91 -7.79	60.52 4.21 -0.24	59.08 3.34 0.00	51.42 2.54 0.00	46.25 1.99 0.00	41.02 1.73 0.00	39.66 1.78 0.01
FALCON___SEABRD_CC1 323796	29.29 -0.35 0.00	23.38 -0.50 0.00	21.36 -0.44 0.00	20.54 -0.38 0.00	21.08 -0.34 0.00	25.08 -0.10 0.00	30.53 0.21 0.00	31.09 0.28 0.00	32.58 0.36 0.00	32.81 0.49 0.00	35.99 0.53 0.00	37.27 0.34 0.77	39.77 0.32 0.70	43.55 0.35 1.05	45.59 0.33 1.08	46.39 0.46 0.04	50.28 0.50 0.29	56.30 0.50 0.00	56.47 0.40 0.00	56.80 1.06 0.00	49.81 0.93 0.00	45.18 0.93 0.00	40.04 0.74 0.00	38.72 0.83 0.00
FALCON___SEABRD_CC2 323797	29.29 -0.35 0.00	23.38 -0.50 0.00	21.36 -0.44 0.00	20.54 -0.38 0.00	21.08 -0.34 0.00	25.08 -0.10 0.00	30.53 0.21 0.00	31.09 0.28 0.00	32.58 0.36 0.00	32.81 0.49 0.00	35.99 0.53 0.00	37.27 0.34 0.77	39.77 0.32 0.70	43.55 0.35 1.05	45.59 0.33 1.08	46.39 0.46 0.04	50.28 0.50 0.29	56.30 0.50 0.00	56.47 0.40 0.00	56.80 1.06 0.00	49.81 0.93 0.00	45.18 0.93 0.00	40.04 0.74 0.00	38.72 0.83 0.00

FAR ROCKAWAY___4 23548	32.45 2.79 -0.02	26.90 2.65 -0.37	24.06 2.27 0.00	22.99 2.07 0.00	23.43 2.01 0.00	27.01 1.84 0.00	32.70 2.36 -0.02	33.61 2.77 -0.02	35.17 2.93 -0.02	35.25 2.91 -0.02	71.13 3.23 -32.45	82.03 3.73 -40.60	65.79 3.77 -21.87	80.33 4.20 -31.89	67.85 4.50 -17.01	101.31 4.41 -50.92	86.95 4.61 -32.28	105.61 5.47 -44.34	117.38 5.83 -55.48	85.18 4.96 -24.48	77.03 4.25 -23.89	66.05 3.63 -18.17	63.59 3.30 -20.99	62.18 3.18 -21.11
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.75 2.42 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.42 3.58 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.46 4.06 0.66	68.57 5.19 -7.58	61.81 5.50 -0.24	60.20 4.46 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.77 2.48 0.00	40.30 2.42 0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.75 2.42 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.42 3.58 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.46 4.06 0.66	68.57 5.19 -7.58	61.81 5.50 -0.24	60.20 4.46 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.77 2.48 0.00	40.30 2.42 0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.84 2.19 0.00	26.36 2.13 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	31.98 1.67 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.04 2.59 0.00	38.91 2.98 1.77	41.71 3.17 1.61	45.37 3.54 2.41	47.89 4.03 2.48	49.79 3.91 0.10	53.41 4.01 0.66	68.51 5.13 -7.58	61.75 5.44 -0.24	60.14 4.40 0.00	52.25 3.37 0.00	47.04 2.79 0.00	41.73 2.44 0.00	40.26 2.39 0.01
FARRAGUT___LBMP 323566	31.84 2.19 0.00	26.33 2.10 -0.35	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.98 1.67 0.00	33.03 2.22 0.00	34.54 2.32 0.00	34.69 2.36 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.33 3.50 2.41	47.85 3.99 2.48	49.69 3.82 0.10	53.36 3.96 0.66	68.40 5.02 -7.58	61.70 5.38 -0.24	60.09 4.35 0.00	52.20 3.32 0.00	47.00 2.74 0.00	41.69 2.40 0.00	40.23 2.35 0.01
FENNER___WINDPWR 24204	30.35 0.71 0.00	24.52 0.64 0.00	22.40 0.61 0.00	21.55 0.63 0.00	22.09 0.66 0.00	25.81 0.63 0.00	30.86 0.55 0.00	31.34 0.52 0.00	32.83 0.61 0.00	32.72 0.39 0.00	35.91 0.46 0.00	36.53 0.53 1.70	39.28 0.68 1.54	42.63 0.71 2.31	44.74 0.79 2.39	46.61 0.73 0.10	50.43 1.00 0.63	56.69 1.23 0.34	57.86 1.79 0.01	57.25 1.51 0.00	50.30 1.42 0.00	45.54 1.28 0.00	40.35 1.06 0.00	38.64 0.76 0.01
FIBERTEK___ENERGY 23856	29.73 0.09 0.00	23.94 0.17 0.10	21.97 0.17 0.00	21.13 0.21 0.00	21.57 0.15 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.69 -0.12 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.31 -0.14 0.00	37.10 -0.15 0.45	39.62 -0.12 0.41	43.41 -0.22 0.61	45.34 -0.37 0.63	45.49 -0.46 0.03	49.60 -0.30 0.17	55.24 -0.22 0.33	56.18 0.11 0.01	55.52 -0.22 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.58 -0.30 0.00
FITZPATRICK___ 23598	28.99 -0.65 0.00	23.35 -0.41 0.12	21.42 -0.37 0.00	20.61 -0.31 0.00	21.06 -0.36 0.00	24.62 -0.55 0.00	29.50 -0.82 0.00	29.89 -0.92 0.00	31.29 -0.94 0.00	31.29 -1.04 0.00	34.32 -1.14 0.00	30.00 -1.21 6.49	33.00 -1.24 5.90	33.97 -1.42 8.85	35.72 -1.48 9.14	44.00 -1.61 0.37	46.00 -1.65 2.41	53.66 -1.79 0.35	54.55 -1.51 0.01	54.01 -1.73 0.00	47.46 -1.42 0.00	43.06 -1.19 0.00	38.19 -1.10 0.00	36.60 -1.25 0.04
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.57 1.93 0.00	26.19 1.93 -0.38	23.43 1.63 0.00	22.41 1.49 0.00	22.90 1.48 0.00	26.59 1.41 0.00	31.92 1.61 0.00	32.73 1.91 0.00	34.19 1.97 0.00	34.27 1.94 0.00	37.51 2.06 0.00	38.35 2.41 1.77	41.15 2.61 1.60	44.84 3.01 2.41	47.43 3.57 2.49	49.42 3.54 0.10	53.16 3.75 0.66	68.00 4.85 -7.35	61.46 5.16 -0.23	60.09 4.35 0.00	52.35 3.47 0.00	46.91 2.66 0.00	41.49 2.20 0.00	40.11 2.24 0.01
FORT ORANGE___ 23900	30.38 0.74 0.00	26.67 0.74 -2.05	22.51 0.72 0.00	21.53 0.61 0.00	22.02 0.60 0.00	25.60 0.43 0.00	30.65 0.33 0.00	31.16 0.34 0.00	32.51 0.29 0.00	32.52 0.20 0.00	35.63 0.18 0.00	36.14 0.34 1.90	38.65 0.24 1.74	42.03 0.40 2.61	43.88 0.23 2.69	46.24 0.37 0.11	39.29 0.25 11.03	56.74 0.95 0.00	57.20 1.12 0.00	56.24 0.50 0.00	49.37 0.49 0.00	44.52 0.27 0.00	39.45 0.16 0.00	38.11 0.23 0.01
FORT_DRUM_COGEN 23780	30.12 0.47 0.00	23.95 0.19 0.12	22.04 0.24 0.00	21.23 0.31 0.00	21.87 0.45 0.00	25.60 0.43 0.00	30.56 0.24 0.00	31.00 0.18 0.00	32.41 0.19 0.00	32.13 -0.19 0.00	35.35 -0.11 0.00	36.74 0.00 0.96	39.40 0.12 0.87	42.90 -0.04 1.30	44.95 -0.05 1.35	46.01 0.09 0.05	50.31 0.60 0.36	56.45 1.00 0.35	58.08 2.02 0.01	57.86 2.12 0.00	50.98 2.10 0.00	46.25 1.99 0.00	40.86 1.57 0.00	39.02 1.14 0.01
FOX_HILLS___ESR 323835	32.23 2.58 -0.01	26.68 2.44 -0.36	23.92 2.11 -0.01	22.87 1.95 -0.01	23.38 1.95 -0.01	26.91 1.74 0.00	32.23 1.91 0.00	33.19 2.37 0.00	34.57 2.35 0.00	34.82 2.49 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.75 3.21 1.61	45.20 3.36 2.41	47.85 3.99 2.48	49.69 3.82 0.10	53.11 3.70 0.66	68.23 4.85 -7.58	61.52 5.21 -0.23	59.97 4.24 0.01	52.05 3.18 0.01	47.04 2.79 0.00	41.84 2.55 0.00	40.57 2.69 0.01
FPL_FAR_ROCK_GT1 24212	32.45 2.79 -0.02	26.90 2.65 -0.37	24.07 2.27 0.00	23.00 2.07 0.00	23.44 2.01 0.00	27.02 1.84 0.00	32.70 2.37 -0.02	33.58 2.74 -0.02	35.17 2.93 -0.02	35.26 2.91 -0.02	71.06 3.15 -32.45	81.76 3.47 -40.60	65.79 3.77 -21.87	80.29 4.16 -31.89	67.61 4.26 -17.01	101.36 4.46 -50.92	86.90 4.56 -32.28	105.55 5.41 -44.34	117.33 5.78 -55.48	85.18 4.96 -24.48	77.02 4.25 -23.89	66.05 3.63 -18.17	63.66 3.38 -20.99	62.33 3.33 -21.11
FPL_FAR_ROCK_GT2 23815	32.45 2.79 -0.02	26.90 2.65 -0.37	24.07 2.27 0.00	23.00 2.07 0.00	23.44 2.01 0.00	27.02 1.84 0.00	32.70 2.37 -0.02	33.58 2.74 -0.02	35.17 2.93 -0.02	35.26 2.91 -0.02	71.06 3.15 -32.45	81.76 3.47 -40.60	65.79 3.77 -21.87	80.29 4.16 -31.89	67.61 4.26 -17.01	101.36 4.46 -50.92	86.90 4.56 -32.28	105.55 5.41 -44.34	117.33 5.78 -55.48	85.18 4.96 -24.48	77.02 4.25 -23.89	66.05 3.63 -18.17	63.66 3.38 -20.99	62.33 3.33 -21.11
FRANKLIN_FALL_HYD 24054	29.38 -0.27 0.00	23.42 -0.45 0.00	21.40 -0.39 0.00	20.61 -0.31 0.00	21.12 -0.30 0.00	25.13 -0.05 0.00	30.68 0.36 0.00	31.25 0.43 0.00	32.70 0.48 0.00	32.97 0.65 0.00	36.16 0.71 0.00	37.50 0.57 0.77	40.01 0.56 1.05	43.77 0.58 1.08	45.82 0.56 1.08	46.72 0.78 0.04	50.58 0.80 0.29	56.52 0.73 0.00	56.75 0.67 0.00	57.02 1.28 0.00	50.05 1.17 0.00	45.36 1.11 0.00	40.19 0.90 0.00	38.87 0.99 0.00

FREEPORT_EQUS_GT1 23764	32.18	26.68	23.87	22.80	23.24	26.79	32.42	33.36	34.88	34.96	49.94	54.28	50.27	57.10	52.24	64.86	64.91	81.34	81.31	68.76	60.88	51.42	49.74	48.38
	2.52	2.44	2.07	1.88	1.82	1.61	2.09	2.53	2.64	2.62	2.77	3.05	3.25	3.49	3.43	3.59	3.61	4.69	5.05	4.18	3.37	2.97	2.87	2.88
	-0.01	-0.37	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-11.72	-13.53	-6.87	-9.36	-2.47	-15.29	-11.24	-20.86	-20.19	-8.84	-8.63	-4.21	-7.58	-7.61
FREEPORT___CT2 23818	32.18	26.68	23.87	22.80	23.24	26.79	32.42	33.36	34.88	34.96	49.94	54.28	50.27	57.10	52.24	64.86	64.91	81.34	81.31	68.76	60.88	51.42	49.74	48.38
	2.52	2.44	2.07	1.88	1.82	1.61	2.09	2.53	2.64	2.62	2.77	3.05	3.25	3.49	3.43	3.59	3.61	4.69	5.05	4.18	3.37	2.97	2.87	2.88
	-0.01	-0.37	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-11.72	-13.53	-6.87	-9.36	-2.47	-15.29	-11.24	-20.86	-20.19	-8.84	-8.63	-4.21	-7.58	-7.61
FRESHKLS_33_KV_LOAD 356253	32.35	26.77	24.00	22.98	23.49	27.01	32.32	33.28	34.61	34.85	38.25	39.21	41.75	43.28	43.77	45.52	46.04	58.59	51.87	50.32	46.01	43.20	41.84	40.61
	2.70	2.53	2.20	2.05	2.06	1.84	2.00	2.47	2.38	2.52	2.80	3.28	3.21	3.32	3.94	3.77	3.70	4.85	5.21	4.24	3.18	2.74	2.55	2.73
	-0.01	-0.36	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.77	1.61	4.28	6.51	4.23	7.73	2.06	9.42	9.66	6.04	3.80	0.00	0.01
FULTON COGEN____ 23766	29.26	23.55	21.60	20.77	21.23	24.82	29.71	30.14	31.54	31.55	34.64	36.83	39.26	43.22	45.14	44.69	48.81	54.17	55.11	54.51	47.90	43.50	38.58	36.94
	-0.39	-0.21	-0.20	-0.15	-0.19	-0.35	-0.61	-0.68	-0.68	-0.78	-0.82	-0.87	-0.88	-1.02	-1.20	-1.29	-1.25	-1.28	-0.95	-1.23	-0.98	-0.75	-0.71	-0.95
	0.00	0.11	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	0.34	0.01	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	32.07	30.02	23.69	22.66	23.20	27.07	32.32	32.57	33.93	33.81	37.05	37.39	40.32	43.98	46.43	48.90	53.56	60.20	61.12	60.65	53.43	48.41	42.63	40.83
	2.43	2.12	1.90	1.74	1.78	1.89	2.00	1.76	1.71	1.49	1.60	1.66	1.97	2.43	2.87	3.03	3.41	4.41	5.05	4.91	4.55	4.16	3.34	2.96
	0.00	-4.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	1.80	2.69	2.78	0.11	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.01
G.F.CEMENT___DRP 24184	31.98	30.05	23.63	22.55	23.05	26.86	32.29	32.76	34.25	34.14	36.77	37.29	40.08	43.73	45.93	48.30	60.52	59.31	59.66	58.81	51.67	47.00	41.37	39.88
	2.34	2.08	1.83	1.63	1.63	1.69	1.97	1.94	2.03	1.81	1.31	1.55	1.73	2.17	2.36	2.44	2.45	3.52	3.59	3.07	2.79	2.74	2.08	2.01
	0.00	-4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	1.79	2.68	2.77	0.11	-8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
GARDENVILLE___LBMP 24039	28.69	23.62	21.53	21.00	21.42	24.92	29.53	29.61	31.42	31.36	34.11	34.24	36.97	39.58	40.67	42.88	47.07	52.94	54.61	54.07	47.56	43.63	38.82	36.78
	-0.95	-0.26	-0.26	0.08	0.00	-0.25	-0.79	-1.20	-0.81	-0.97	-1.35	-1.47	-1.36	-1.95	-2.87	-2.99	-2.25	-2.57	-1.46	-1.67	-1.32	-0.62	-0.47	-1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99	1.81	2.71	2.80	0.11	0.74	0.29	0.01	0.00	0.00	0.00	0.00	0.01
GARDNVLA_35_KV_LD 355827	28.87	23.78	21.69	21.13	21.53	25.03	29.65	29.77	31.61	31.52	34.32	34.45	37.24	39.87	40.97	43.15	47.37	53.27	54.94	54.35	47.76	43.81	38.98	36.93
	-0.77	-0.10	-0.11	0.21	0.11	-0.15	-0.67	-1.05	-0.61	-0.81	-1.13	-1.24	-1.08	-1.64	-2.55	-2.71	-1.95	-2.23	-1.12	-1.39	-1.12	-0.44	-0.31	-0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.01	1.82	2.74	2.83	0.11	0.75	0.29	0.01	0.00	0.00	0.00	0.00	0.01
GELCKHM___115KV_LOAD 80723	29.64	23.87	21.90	21.07	21.53	25.15	30.14	30.57	32.03	32.04	35.17	36.50	39.05	42.67	44.57	45.33	49.28	55.07	56.01	55.35	48.64	44.08	39.09	37.43
	0.00	0.10	0.11	0.15	0.11	-0.03	-0.18	-0.25	-0.19	-0.29	-0.28	-0.30	-0.28	-0.35	-0.51	-0.60	-0.45	-0.39	-0.06	-0.39	-0.24	-0.18	-0.20	-0.45
	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.81	1.22	1.26	0.05	0.33	0.34	0.01	0.00	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	28.81	23.74	21.64	21.09	21.48	25.00	29.59	29.71	31.54	31.45	34.25	34.33	37.12	39.74	40.83	43.06	47.27	53.16	54.78	54.18	47.66	43.72	38.90	36.85
	-0.83	-0.14	-0.15	0.17	0.06	-0.18	-0.73	-1.11	-0.68	-0.87	-1.21	-1.36	-1.20	-1.77	-2.69	-2.80	-2.05	-2.34	-1.29	-1.56	-1.22	-0.53	-0.39	-1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.01	1.82	2.74	2.83	0.11	0.75	0.29	0.01	0.00	0.00	0.00	0.00	0.01
GE_PLASTICS___DRP 24183	30.30	26.23	22.45	21.51	21.98	25.58	30.62	31.16	32.51	32.55	35.70	36.18	38.74	42.09	43.80	46.01	42.17	55.95	56.74	55.85	48.93	44.21	39.25	37.84
	0.65	0.69	0.65	0.59	0.56	0.40	0.30	0.34	0.29	0.23	0.25	0.38	0.32	0.44	0.14	0.14	0.00	0.50	0.67	0.11	0.05	-0.04	-0.04	-0.04
	0.00	-1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89	1.73	2.59	2.68	0.11	7.90	0.34	0.01	0.00	0.00	0.00	0.00	0.01
GILBOA___1 23756	30.47	24.91	22.69	21.74	22.23	25.76	30.89	31.43	32.83	32.88	36.06	36.53	39.20	42.52	44.62	46.84	50.37	55.22	57.31	56.58	49.66	44.83	39.92	38.48
	0.83	0.91	0.89	0.82	0.81	0.58	0.57	0.62	0.61	0.55	0.60	0.71	0.76	0.84	0.93	0.97	1.00	1.06	1.29	0.84	0.78	0.57	0.63	0.60
	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.71	2.56	2.65	0.11	0.70	1.63	0.05	0.00	0.00	0.00	0.00	0.01
GILBOA___2 23757	30.47	24.91	22.69	21.74	22.23	25.76	30.89	31.43	32.83	32.88	36.06	36.53	39.20	42.52	44.62	46.84	50.37	55.22	57.31	56.58	49.66	44.83	39.92	38.48
	0.83	0.91	0.89	0.82	0.81	0.58	0.57	0.62	0.61	0.55	0.60	0.71	0.76	0.84	0.93	0.97	1.00	1.06	1.29	0.84	0.78	0.57	0.63	0.60
	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.71	2.56	2.65	0.11	0.70	1.63	0.05	0.00	0.00	0.00	0.00	0.01
GILBOA___3 23758	30.47	24.91	22.69	21.74	22.23	25.76	30.89	31.43	32.83	32.88	36.06	36.53	39.20	42.52	44.62	46.84	50.37	55.22	57.31	56.58	49.66	44.83	39.92	38.48
	0.83	0.91	0.89	0.82	0.81	0.58	0.57	0.62	0.61	0.55	0.60	0.71	0.76	0.84	0.93	0.97	1.00	1.06	1.29	0.84	0.78	0.57	0.63	0.60
	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.71	2.56	2.65	0.11	0.70	1.63	0.05	0.00	0.00	0.00	0.00	0.01
GILBOA___4 23759	30.47	24.91	22.69	21.74	22.23	25.76	30.89	31.43	32.83	32.88	36.06	36.53	39.20	42.52	44.62	46.84	50.37	55.22	57.31	56.58	49.66	44.83	39.92	38.48
	0.83	0.91	0.89	0.82	0.81	0.58	0.57	0.62	0.61	0.55	0.60	0.71	0.76	0.84	0.93	0.97	1.00	1.06	1.29	0.84	0.78	0.57	0.63	0.60
	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.71	2.56	2.65	0.11	0.70	1.63	0.05	0.00	0.00	0.00	0.00	0.01

GILBOA____ 23599	30.47 0.83 0.00	24.91 0.91 -0.12	22.69 0.89 0.00	21.74 0.82 0.00	22.23 0.81 0.00	25.76 0.58 0.00	30.89 0.58 0.00	31.43 0.62 0.00	32.83 0.61 0.00	32.88 0.55 0.00	36.06 0.60 0.00	36.54 0.72 1.88	39.20 0.76 1.71	42.56 0.88 2.56	44.72 1.02 2.65	46.84 0.97 0.11	50.37 1.00 0.70	55.28 1.12 1.63	57.37 1.35 0.05	56.58 0.84 0.00	49.66 0.78 0.00	44.83 0.58 0.00	39.96 0.67 0.00	38.48 0.61 0.01
GINNA____ 23603	28.16 -1.48 0.00	22.80 -1.07 0.00	20.82 -0.98 0.00	20.13 -0.79 0.00	20.50 -0.92 0.00	23.97 -1.21 0.00	28.50 -1.82 0.00	28.94 -1.88 0.00	30.42 -1.80 0.00	30.35 -1.97 0.00	33.36 -2.09 0.00	33.40 -2.30 2.00	35.92 -2.41 1.81	38.73 -2.79 2.72	40.70 -2.83 2.81	42.60 -3.26 0.11	46.17 -3.15 0.74	51.67 -3.80 0.33	52.76 -3.31 0.01	52.28 -3.46 0.00	46.04 -2.84 0.00	42.09 -2.17 0.00	37.33 -1.96 0.00	35.53 -2.35 0.01
GLEN PARK____ 23778	30.29 0.65 0.00	24.09 0.33 0.12	22.14 0.35 0.00	21.36 0.44 0.00	22.02 0.60 0.00	25.78 0.60 0.00	30.71 0.39 0.00	31.16 0.34 0.00	32.58 0.36 0.00	32.26 -0.06 0.00	35.45 0.00 0.00	36.94 0.15 0.91	39.60 0.28 0.83	43.13 0.13 1.25	45.29 0.23 1.29	46.20 0.28 0.05	50.57 0.85 0.34	56.73 1.28 0.35	58.42 2.35 0.01	58.31 2.57 0.00	51.37 2.49 0.00	46.64 2.39 0.00	41.14 1.85 0.00	39.28 1.40 0.00
GLENDALE_27_KV_LOAD 356172	32.10 2.46 0.00	26.56 2.32 -0.36	23.79 1.98 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.81 1.64 0.00	32.17 1.85 0.00	33.22 2.40 0.00	34.70 2.48 0.00	34.88 2.55 0.00	38.25 2.80 0.00	39.14 3.20 1.77	41.91 3.37 1.61	45.55 3.72 2.41	48.13 4.26 2.48	49.92 4.05 0.10	53.46 4.06 0.66	68.57 5.19 -7.58	61.80 5.50 -0.23	60.19 4.46 0.01	52.29 3.42 0.01	47.31 3.05 0.00	42.00 2.71 0.00	40.61 2.73 0.01
GLENWOOD_IC_1_G5 23712	32.00 2.34 -0.02	26.52 2.27 -0.37	23.74 1.94 0.00	22.70 1.78 0.00	23.16 1.74 0.00	26.71 1.54 0.00	32.28 1.94 -0.02	33.21 2.37 -0.02	34.72 2.48 -0.02	34.83 2.49 -0.02	47.85 2.59 -9.81	51.56 2.83 -11.03	48.56 2.93 -5.48	54.98 3.27 -7.47	51.75 3.66 -1.75	62.43 3.54 -12.91	63.01 3.65 -9.29	79.17 4.69 -18.69	78.00 4.99 -16.94	67.20 4.07 -7.39	59.27 3.18 -7.22	50.44 2.57 -3.62	47.95 2.32 -6.34	46.72 2.46 -6.37
GLENWOOD_IC_2_G1 23688	31.81 2.16 0.00	26.36 2.12 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.05 1.63 0.00	26.61 1.43 0.00	32.05 1.73 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.59 2.26 0.00	38.17 2.44 -0.27	39.07 2.79 1.42	41.66 2.93 1.41	45.29 3.19 2.14	47.36 3.38 2.36	49.79 3.54 -0.28	53.29 3.61 0.39	68.31 4.63 -7.89	61.70 4.94 -0.69	60.01 4.07 -0.20	52.25 3.18 -0.20	46.98 2.61 -0.11	41.90 2.44 -0.17	40.44 2.39 -0.16
GLENWOOD_IC_3_G1 23689	31.81 2.16 0.00	26.36 2.12 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.05 1.63 0.00	26.61 1.43 0.00	32.05 1.73 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.59 2.26 0.00	38.17 2.44 -0.27	39.07 2.79 1.42	41.66 2.93 1.41	45.29 3.19 2.14	47.36 3.38 2.36	49.79 3.54 -0.28	53.29 3.61 0.39	68.31 4.63 -7.89	61.70 4.94 -0.69	60.01 4.07 -0.20	52.25 3.18 -0.20	46.98 2.61 -0.11	41.90 2.44 -0.17	40.44 2.39 -0.16
GLENWOOD____4 23550	32.00 2.34 -0.02	26.52 2.27 -0.37	23.74 1.94 0.00	22.70 1.78 0.00	23.16 1.74 0.00	26.71 1.54 0.00	32.28 1.94 -0.02	33.21 2.37 -0.02	34.72 2.48 -0.02	34.83 2.49 -0.02	47.92 2.66 -9.81	51.67 2.94 -11.03	48.64 3.01 -5.48	55.07 3.36 -7.47	51.84 3.75 -1.75	62.52 3.63 -12.91	63.16 3.80 -9.29	79.34 4.85 -18.69	78.17 5.16 -16.94	67.37 4.24 -7.39	59.37 3.27 -7.22	50.57 2.70 -3.62	48.07 2.44 -6.34	46.75 2.50 -6.37
GLENWOOD____5 23614	32.00 2.34 -0.02	26.52 2.27 -0.37	23.74 1.94 0.00	22.70 1.78 0.00	23.16 1.74 0.00	26.71 1.54 0.00	32.28 1.94 -0.02	33.21 2.37 -0.02	34.72 2.48 -0.02	34.83 2.49 -0.02	47.92 2.66 -9.81	51.67 2.94 -11.03	48.64 3.01 -5.48	55.07 3.36 -7.47	51.84 3.75 -1.75	62.52 3.63 -12.91	63.16 3.80 -9.29	79.34 4.85 -18.69	78.17 5.16 -16.94	67.37 4.24 -7.39	59.37 3.27 -7.22	50.57 2.70 -3.62	48.07 2.44 -6.34	46.75 2.50 -6.37
GLOBAL GREEN_PORT_GT1 23814	32.17 2.52 -0.01	26.87 2.63 -0.36	23.93 2.14 0.00	22.82 1.90 0.00	23.26 1.84 0.00	26.76 1.59 0.00	32.54 2.21 -0.01	34.00 3.17 -0.01	35.16 2.93 -0.01	35.21 2.88 -0.01	40.12 2.87 -1.79	41.67 3.39 -0.58	43.45 3.61 0.31	46.44 3.81 1.61	45.21 3.99 5.12	47.34 4.05 2.68	59.48 4.21 -5.21	71.05 5.63 -9.62	65.54 6.17 -3.30	67.30 5.41 -6.15	54.40 4.11 -1.41	52.73 3.27 -5.20	43.75 3.30 -1.16	42.57 3.52 -1.16
GLOBE____DSASP 323697	27.86 -1.78 0.00	23.00 -0.88 0.00	20.99 -0.81 0.00	20.40 -0.52 0.00	20.78 -0.64 0.00	24.14 -1.03 0.00	28.53 -1.79 0.00	28.54 -2.28 0.00	30.22 -2.20 0.00	30.13 -2.20 0.00	32.76 -2.69 0.00	32.73 -2.94 2.03	35.37 -2.93 1.84	37.76 -3.72 2.77	38.76 -4.73 2.86	41.03 -4.83 0.11	45.00 -4.31 0.75	50.59 -4.91 0.30	52.14 -3.93 0.01	51.62 -4.12 0.00	45.41 -3.47 0.00	41.82 -2.43 0.00	37.25 -2.04 0.00	35.34 -2.54 0.01
GOETHSLN____LBMP 323567	31.69 2.05 0.00	26.22 1.98 -0.35	23.50 1.70 0.00	22.45 1.53 0.00	22.94 1.52 0.00	26.45 1.28 0.01	31.80 1.49 0.00	32.88 2.06 0.00	34.38 2.16 0.00	34.56 2.23 0.00	37.86 2.41 0.00	38.72 2.79 1.77	41.43 2.89 1.61	43.20 3.23 4.27	43.53 3.71 6.52	45.28 3.54 4.23	45.93 3.60 7.74	58.41 4.69 2.07	51.64 4.99 9.43	50.03 3.96 9.66	45.81 2.98 6.05	42.92 2.48 3.81	41.44 2.16 0.01	39.99 2.12 0.02
GOLAH____69_KV_TB 1_2 80279	29.64 0.00 0.00	24.12 0.24 0.00	21.99 0.20 0.00	21.30 0.38 0.00	21.66 0.24 0.00	25.30 0.13 0.00	30.01 -0.30 0.00	30.29 -0.52 0.00	31.90 -0.32 0.00	31.81 -0.52 0.00	34.82 -0.64 0.00	35.01 -0.72 1.98	37.63 -0.72 1.80	40.44 -1.11 2.69	41.94 -1.62 2.78	44.07 -1.79 0.11	47.98 -1.35 0.73	53.91 -1.56 0.32	55.34 -0.73 0.01	54.79 -0.95 0.00	48.29 -0.59 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.38 -0.49 0.01
GOODYEAR_LAKE_HYD 323669	30.98 1.33 0.00	26.24 1.22 -1.14	22.93 1.13 0.00	22.03 1.11 0.00	22.58 1.16 0.00	26.28 1.11 0.00	31.44 1.12 0.00	31.96 1.14 0.00	33.45 1.22 0.00	33.36 1.03 0.00	36.62 1.17 0.00	37.08 1.32 1.93	39.91 1.53 1.76	43.28 1.68 2.64	45.51 1.90 2.73	47.80 1.93 0.11	51.60 2.25 0.72	58.42 2.62 0.00	59.27 3.20 0.00	58.53 2.79 0.00	51.32 2.44 0.00	46.42 2.17 0.00	41.14 1.85 0.00	39.47 1.59 0.01
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.91 0.27 0.00	24.33 0.45 0.00	22.23 0.44 0.00	21.42 0.50 0.00	21.89 0.47 0.00	25.50 0.33 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.48 0.26 0.00	32.42 0.10 0.00	35.53 0.07 0.00	35.84 0.08 1.94	38.54 0.16 1.76	41.64 0.04 2.64	43.47 -0.14 2.73	45.64 -0.23 0.11	49.44 0.10 0.72	56.02 0.22 0.00	56.92 0.84 0.00	56.19 0.45 0.00	49.32 0.44 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.99 0.11 0.01

GOUDEY___7 23579	29.91 0.27 0.00	24.33 0.45 0.00	22.23 0.44 0.00	21.42 0.50 0.00	21.89 0.47 0.00	25.50 0.33 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.48 0.26 0.00	32.42 0.10 0.00	35.53 0.07 0.00	35.84 0.08 1.94	38.54 0.16 1.76	41.64 0.04 2.64	43.47 -0.14 2.73	45.64 -0.23 0.11	49.44 0.10 0.72	56.02 0.22 0.00	56.92 0.84 0.00	56.19 0.45 0.00	49.32 0.44 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.99 0.11 0.01
GOUDEY___8 23580	29.91 0.27 0.00	24.33 0.45 0.00	22.23 0.44 0.00	21.42 0.50 0.00	21.89 0.47 0.00	25.50 0.33 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.48 0.26 0.00	32.42 0.10 0.00	35.53 0.07 0.00	35.84 0.08 1.94	38.54 0.16 1.76	41.64 0.04 2.64	43.47 -0.14 2.73	45.64 -0.23 0.11	49.44 0.10 0.72	56.02 0.22 0.00	56.92 0.84 0.00	56.19 0.45 0.00	49.32 0.44 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.99 0.11 0.01
GOWANUS_GT1_1 24077	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GOWANUS_GT1_2 24078	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GOWANUS_GT1_3 24079	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GOWANUS_GT1_4 24080	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GOWANUS_GT1_5 24084	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GOWANUS_GT1_6 24111	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00																

GOWANUS_GT2_6 24119	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
GOWANUS_GT2_7 24120	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
GOWANUS_GT2_8 24121	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
GOWANUS_GT3_1 24122	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
GOWANUS_GT3_2 24123	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
GOWANUS_GT3_3 24124	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
GOWANUS_GT3_4 24125	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
GOWANUS_GT3_5 24126	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13																

GOWANUS_GT4_5 24134	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GOWANUS_GT4_6 24135	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GOWANUS_GT4_7 24136	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GOWANUS_GT4_8 24137	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GREATVR_69_KV_BK1 356245	32.44 2.79 -0.01	26.99 2.75 -0.36	24.08 2.29 0.00	22.99 2.07 0.00	23.43 2.01 0.00	26.96 1.79 0.00	32.72 2.40 -0.01	33.88 3.05 -0.01	35.23 3.00 -0.01	35.31 2.97 -0.01	41.10 3.26 -2.39	42.67 3.62 -1.35	43.88 3.61 -0.12	47.10 3.80 0.95	45.86 4.17 4.65	48.44 4.05 1.59	70.50 4.11 -16.33	71.39 5.30 -10.29	66.16 5.78 -4.31	65.32 4.91 -4.67	54.60 3.91 -1.81	49.90 3.36 -2.29	43.94 3.10 -1.54	42.69 3.26 -1.54
GREENBSH_115KV_TB3 55895	30.21 0.56 0.00	26.67 0.67 -2.13	22.41 0.61 0.00	21.44 0.52 0.00	21.91 0.49 0.00	25.48 0.30 0.00	30.50 0.18 0.00	31.03 0.22 0.00	32.38 0.16 0.00	32.39 0.06 0.00	35.53 0.07 0.00	35.99 0.19 1.90	38.52 0.12 1.74	41.89 0.27 2.61	43.78 0.14 2.70	46.01 0.14 0.11	38.33 -0.15 11.58	56.41 0.61 0.00	56.86 0.79 0.00	55.96 0.22 0.00	49.03 0.15 0.00	44.25 0.00 0.00	39.29 0.00 0.00	37.91 0.04 0.01
GREENDGE_115KV_TB5 80291	30.09 0.44 0.00	24.43 0.55 0.00	22.32 0.52 0.00	21.61 0.69 0.00	22.06 0.64 0.00	25.83 0.65 0.00	30.86 0.55 0.00	31.31 0.49 0.00	32.90 0.68 0.00	32.75 0.42 0.00	35.88 0.43 0.00	36.61 0.41 1.50	39.30 0.52 1.36	42.11 -0.09 2.05	43.81 -0.42 2.11	45.29 -0.60 0.08	49.56 0.05 0.56	55.88 0.33 0.25	57.36 1.29 0.01	56.69 0.95 0.00	49.86 0.98 0.00	45.27 1.02 0.00	40.51 1.22 0.00	38.56 0.68 0.01
GREENIDGE___3 23582	30.09 0.44 0.00	24.43 0.55 0.00	22.32 0.52 0.00	21.61 0.69 0.00	22.06 0.64 0.00	25.83 0.65 0.00	30.86 0.55 0.00	31.31 0.49 0.00	32.90 0.68 0.00	32.75 0.42 0.00	35.88 0.43 0.00	36.61 0.41 1.50	39.30 0.52 1.36	42.11 -0.09 2.05	43.81 -0.42 2.11	45.29 -0.60 0.08	49.56 0.05 0.56	55.88 0.33 0.25	57.36 1.29 0.01	56.69 0.95 0.00	49.86 0.98 0.00	45.27 1.02 0.00	40.51 1.22 0.00	38.56 0.68 0.01
GREENIDGE___4 23583	30.09 0.45 0.00	24.43 0.55 0.00	22.32 0.52 0.00	21.61 0.69 0.00	22.06 0.64 0.00	25.83 0.65 0.00	30.86 0.55 0.00	31.34 0.52 0.00	32.90 0.68 0.00	32.75 0.42 0.00	35.88 0.43 0.00	36.61 0.42 1.50	39.34 0.56 1.36	42.15 -0.04 2.05	44.14 -0.09 2.11	45.43 -0.46 0.08	49.61 0.10 0.56	55.88 0.34 0.25	57.30 1.23 0.01	56.69 0.95 0.00	49.91 1.03 0.00	45.36 1.11 0.00	40.59 1.29 0.00	38.56 0.68 0.01
GREENLWN_69_KV_BK 3 55738	32.02 2.37 -0.01	26.58 2.34 -0.36	23.76 1.96 0.00	22.70 1.78 0.00	23.13 1.71 0.00	26.66 1.49 0.00	32.30 1.97 -0.01	33.29 2.47 -0.01	34.78 2.55 -0.01	34.86 2.52 -0.01	40.20 2.59 -2.16	41.46 2.71 -1.05	42.50 2.41 0.05	45.56 2.52 1.20	44.25 2.73 4.83	46.64 2.67 2.00	51.98 2.60 0.69	69.39 3.57 -10.03	63.86 3.87 -3.91	59.27 2.95 -0.58	52.69 2.25 -1.57	41.34 1.81 4.73	42.80 2.12 -1.39	41.66 2.39 -1.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01
GRISSOM___SOLAR 323813	31.89 2.25 0.00	29.97 2.01 -4.08	23.58 1.79 0.00	22.55 1.63 0.00	23.07 1.65 0.00	26.91 1.74 0.00	32.20 1.88 0.00	32.48 1.66 0.00	33.86 1.64 0.00	33.75 1.42 0.00	36.98 1.52 0.00	37.32 1.58 1.96	40.24 1.89 1.80	43.85 2.30 2.70	46.25 2.69 2.78	48.72 2.85 0.11	53.32 3.16 -0.10	59.70 4.13 0.23	60.72 4.65 0.01	60.20 4.46 0.00	53.03 4.15 0.00	48.01 3.76 0.00	42.32 3.03 0.00	40.57 2.69 0.01
GROVEVILLE___HYD 323602	31.57 1.93 0.00	26.19 1.93 -0.38	23.43 1.63 0.00	22.41 1.49 0.00	22.90 1.48 0.00	26.59 1.41 0.00	31.92 1.61 0.00	32.73 1.91 0.00	34.19 1.97 0.00	34.27 1.94 0.00	37.51 2.06 0.00	38.35 2.41 1.77	41.15 2.61 1.60	44.84 3.01 2.41	47.43 3.57 2.49	49.42 3.54 0.10	53.16 3.75 0.66	68.00 4.85 -7.35	61.46 5.16 -0.23	60.09 4.35 0.00	52.35 3.47 0.00	46.91 2.66 0.00	41.49 2.20 0.00	40.11 2.24 0.01
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.73 0.09 0.00	23.94 0.17 0.10	21.97 0.17 0.00	21.13 0.21 0.00	21.57 0.15 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.69 -0.12 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.31 -0.14 0.00	37.10 -0.15 0.45	39.62 -0.12 0.41	43.41 -0.22 0.61	45.34 -0.37 0.63	45.49 -0.46 0.03	49.60 -0.30 0.17	55.24 -0.22 0.33	56.18 0.11 0.01	55.52 -0.22 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.58 -0.30 0.00
HAMLTNNY_34_KV_TB 80303	29.76 0.12 0.00	24.07 0.19 0.00	21.99 0.20 0.00	21.17 0.25 0.00	21.61 0.19 0.00	25.30 0.13 0.00	30.26 -0.06 0.00	30.69 -0.12 0.00	32.22 0.00 0.00	32.16 -0.16 0.00	35.35 -0.11 0.00	37.16 -0.15 0.39	39.67 -0.12 0.36	43.49 -0.22 0.53	45.38 -0.42 0.55	45.45 -0.51 0.02	49.62 -0.30 0.15	55.19 -0.28 0.32	56.18 0.11 0.01	55.57 -0.17 0.00	48.83 -0.05 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.58 -0.30 0.00

HAMPSHIRE___PAPER_HYD 323593	29.23 -0.42 0.00	23.19 -0.57 0.11	21.32 -0.48 0.00	20.50 -0.42 0.00	21.10 -0.32 0.00	24.77 -0.40 0.00	29.80 -0.52 0.00	30.29 -0.52 0.00	31.67 -0.55 0.00	31.61 -0.71 0.00	34.78 -0.67 0.00	35.87 -0.68 1.16	38.33 -0.76 1.05	41.73 -0.93 1.58	43.83 -0.88 1.63	45.09 -0.83 0.07	49.23 -0.40 0.43	55.20 -0.28 0.32	56.29 0.23 0.01	56.24 0.50 0.00	49.42 0.54 0.00	44.83 0.57 0.00	39.76 0.47 0.00	38.15 0.27 0.01
HARDSCRABBLE_WT_PWR 323673	29.50 -0.15 0.00	23.70 0.00 0.18	21.82 0.02 0.00	20.94 0.02 0.00	21.49 0.06 0.00	25.08 -0.10 0.00	30.07 -0.24 0.00	30.57 -0.25 0.00	31.96 -0.26 0.00	31.94 -0.39 0.00	35.03 -0.42 0.00	35.01 -0.38 2.32	37.64 -0.40 2.11	40.60 -0.49 3.16	42.62 -0.46 3.26	45.39 -0.46 0.13	48.65 -0.55 0.86	54.81 -0.50 0.48	55.84 -0.22 0.02	55.18 -0.56 0.00	48.44 -0.44 0.00	43.90 -0.36 0.00	38.97 -0.32 0.00	37.50 -0.38 0.01
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.33 1.69 0.00	25.93 1.72 -0.33	23.26 1.46 0.00	22.26 1.34 0.00	22.73 1.31 0.00	26.36 1.18 0.00	31.65 1.33 0.00	32.51 1.69 0.00	33.96 1.74 0.00	34.07 1.75 0.00	37.30 1.84 0.00	38.11 2.15 1.73	40.86 2.29 1.57	44.54 2.65 2.36	47.06 3.15 2.44	48.96 3.08 0.10	52.67 3.25 0.64	66.87 4.24 -6.83	60.83 4.54 -0.21	59.42 3.68 0.00	51.76 2.88 0.00	46.42 2.17 0.00	41.14 1.85 0.00	39.70 1.82 0.01
HARSNRAD_115KV_TB1 81005	28.55 -1.10 0.00	23.54 -0.33 0.00	21.47 -0.33 0.00	20.90 -0.02 0.00	21.29 -0.13 0.00	24.75 -0.43 0.00	29.23 -1.09 0.00	29.31 -1.51 0.00	31.06 -1.16 0.00	30.94 -1.39 0.00	33.68 -1.77 0.00	33.73 -1.96 2.01	36.39 -1.93 1.83	38.93 -2.57 2.74	40.03 -3.48 2.83	42.23 -3.63 0.11	46.36 -2.95 0.75	52.09 -3.40 0.30	53.71 -2.36 0.01	53.18 -2.56 0.00	46.78 -2.10 0.00	43.01 -1.24 0.00	38.31 -0.98 0.00	36.32 -1.55 0.01
HARZA MOOSE___RIVER 24016	30.03 0.39 0.00	23.97 0.24 0.15	22.04 0.24 0.00	21.19 0.27 0.00	21.78 0.36 0.00	25.48 0.30 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.45 0.23 0.00	32.26 -0.06 0.00	35.49 0.04 0.00	36.10 0.11 1.71	38.79 0.20 1.56	42.08 0.18 2.34	44.21 0.28 2.42	46.20 0.32 0.10	50.28 0.85 0.64	56.62 1.23 0.41	57.97 1.91 0.01	57.47 1.73 0.00	50.49 1.61 0.00	45.76 1.50 0.00	40.47 1.18 0.00	38.79 0.91 0.01
HDSNBRDG_115KV_BRDG_TB1 355580	29.67 0.03 0.00	23.92 0.14 0.11	21.95 0.15 0.00	21.11 0.19 0.00	21.57 0.15 0.00	25.18 0.00 0.00	30.17 -0.15 0.00	30.60 -0.22 0.00	32.09 -0.13 0.00	32.07 -0.26 0.00	35.21 -0.25 0.00	36.07 -0.26 1.37	38.70 -0.20 1.24	42.07 -0.31 1.86	43.95 -0.46 1.93	45.39 -0.51 0.08	49.21 -0.35 0.51	55.12 -0.33 0.34	56.12 0.06 0.01	55.46 -0.28 0.00	48.68 -0.20 0.00	44.12 -0.13 0.00	39.13 -0.16 0.00	37.46 -0.42 0.01
HELLGATE_13_KV_LD 55870	32.08 2.43 0.00	26.56 2.32 -0.36	23.81 2.01 -0.01	22.77 1.84 -0.01	23.27 1.84 -0.01	26.81 1.64 0.00	32.17 1.85 0.00	33.19 2.37 0.00	34.64 2.42 0.00	34.85 2.52 0.00	38.22 2.77 0.00	39.10 3.17 1.77	41.87 3.33 1.61	45.46 3.63 2.41	48.03 4.17 2.48	49.83 3.95 0.10	53.36 3.96 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.26 3.01 0.00	42.00 2.71 0.00	40.61 2.73 0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.08 2.43 0.00	26.56 2.32 -0.36	23.81 2.01 -0.01	22.77 1.84 -0.01	23.27 1.84 -0.01	26.81 1.64 0.00	32.17 1.85 0.00	33.19 2.37 0.00	34.64 2.42 0.00	34.85 2.52 0.00	38.22 2.77 0.00	39.10 3.17 1.77	41.87 3.33 1.61	45.46 3.63 2.41	48.03 4.17 2.48	49.83 3.95 0.10	53.36 3.96 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.26 3.01 0.00	42.00 2.71 0.00	40.61 2.73 0.01
HEMPSTEAD___ 23647	31.94 2.28 -0.02	26.49 2.24 -0.37	23.69 1.90 0.00	22.64 1.72 0.00	23.09 1.67 0.00	26.61 1.43 0.00	32.21 1.88 -0.02	33.14 2.31 -0.02	34.65 2.42 -0.02	34.73 2.39 -0.02	47.84 2.52 -9.86	51.60 2.79 -11.11	48.57 2.89 -5.53	54.79 3.14 -7.41	50.92 3.20 -1.38	61.79 3.40 -12.41	62.82 3.41 -9.35	78.91 4.35 -18.76	77.82 4.71 -17.03	67.02 3.84 -7.44	59.17 3.03 -7.26	49.97 2.52 -3.19	48.15 2.48 -6.38	46.79 2.50 -6.41
HICKLING___1 23621	29.79 0.15 0.00	24.31 0.43 0.00	22.21 0.41 0.00	21.53 0.61 0.00	21.98 0.56 0.00	25.68 0.50 0.00	30.59 0.27 0.00	30.97 0.15 0.00	32.58 0.35 0.00	32.49 0.16 0.00	35.56 0.11 0.00	35.94 0.08 1.83	38.68 0.20 1.67	41.61 -0.13 2.50	43.21 -0.56 2.58	45.09 -0.78 0.10	49.28 -0.10 0.68	55.91 0.11 0.00	57.14 1.07 0.00	56.52 0.78 0.00	49.71 0.83 0.00	45.23 0.97 0.00	40.12 0.83 0.00	38.22 0.34 0.01
HICKLING___2 23622	29.79 0.15 0.00	24.31 0.43 0.00	22.21 0.41 0.00	21.53 0.61 0.00	21.98 0.56 0.00	25.68 0.50 0.00	30.59 0.27 0.00	30.97 0.15 0.00	32.58 0.35 0.00	32.49 0.16 0.00	35.56 0.11 0.00	35.94 0.08 1.83	38.68 0.20 1.67	41.61 -0.13 2.50	43.21 -0.56 2.58	45.09 -0.78 0.10	49.28 -0.10 0.68	55.91 0.11 0.00	57.14 1.07 0.00	56.52 0.78 0.00	49.71 0.83 0.00	45.23 0.97 0.00	40.12 0.83 0.00	38.22 0.34 0.01
HIGH FALLS___HY 23754	31.66 2.02 0.00	26.56 2.13 -0.56	23.47 1.68 0.00	22.45 1.53 0.00	22.92 1.50 0.00	26.66 1.49 0.00	32.05 1.73 0.00	32.94 2.13 0.00	34.41 2.19 0.00	34.49 2.17 0.00	37.76 2.30 0.00	38.62 2.68 1.75	41.44 2.89 1.60	45.21 3.36 2.39	47.90 4.03 2.47	49.97 4.09 0.10	52.69 4.26 1.63	66.81 5.36 -5.65	61.97 5.72 -0.18	60.87 5.13 0.00	53.08 4.20 0.00	47.44 3.19 0.00	41.92 2.63 0.00	40.45 2.58 0.01
HIGH_RIVER___SOLAR 323847	31.18 1.54 0.00	29.63 1.43 -4.32	23.08 1.29 0.00	22.09 1.17 0.00	22.60 1.18 0.00	26.33 1.16 0.00	31.47 1.15 0.00	31.77 0.96 0.00	33.03 0.81 0.00	32.84 0.52 0.00	35.99 0.53 0.00	36.26 0.53 1.97	39.03 0.68 1.80	42.51 0.97 2.70	44.85 1.30 2.79	47.34 1.47 0.11	51.86 1.65 -0.15	57.90 2.34 0.24	58.98 2.91 0.01	58.47 2.73 0.00	51.37 2.49 0.00	46.51 2.26 0.00	41.14 1.85 0.00	39.54 1.67 0.01
HILLBURN___GT 23639	31.39 1.75 0.00	26.01 1.79 -0.34	23.32 1.53 0.00	22.30 1.38 0.00	22.79 1.37 0.00	26.38 1.21 0.00	31.68 1.37 0.00	32.57 1.76 0.00	34.02 1.80 0.00	34.14 1.81 0.00	37.40 1.95 0.00	38.22 2.26 1.74	40.93 2.37 1.58	44.52 2.65 2.37	46.81 2.92 2.45	49.01 3.13 0.10	52.62 3.21 0.65	66.95 4.13 -7.03	60.78 4.49 -0.22	59.36 3.62 0.00	51.66 2.78 0.00	46.38 2.12 0.00	41.22 1.92 0.00	39.70 1.82 0.01
HILLSIDE_115KV_TB1 80332	29.32 -0.33 0.00	23.95 0.07 0.00	21.88 0.09 0.00	21.15 0.23 0.00	21.61 0.19 0.00	25.20 0.03 0.00	30.01 -0.30 0.00	30.42 -0.40 0.00	32.00 -0.23 0.00	31.94 -0.39 0.00	34.92 -0.53 0.00	35.25 -0.60 1.85	37.94 -0.52 1.68	40.88 -0.84 2.52	42.49 -1.25 2.61	44.49 -1.38 0.10	48.42 -0.95 0.69	54.96 -0.84 0.00	56.02 -0.06 0.00	55.41 -0.33 0.00	48.64 -0.24 0.00	44.21 -0.04 0.00	39.21 -0.08 0.00	37.46 -0.42 0.01

HISHELDN_WT_PWR 323625	28.52 -1.13 0.00	23.42 -0.45 0.00	21.38 -0.41 0.00	20.88 -0.04 0.00	21.38 -0.04 0.00	24.90 -0.28 0.00	29.53 -0.79 0.00	29.68 -1.14 0.00	31.35 -0.87 0.00	31.26 -1.07 0.00	34.11 -1.35 0.00	34.19 -1.55 1.96	36.92 -1.44 1.78	39.67 -1.90 2.68	41.54 -2.04 2.76	43.11 -2.76 0.11	47.13 -2.20 0.73	52.95 -2.57 0.28	54.55 -1.51 0.01	54.24 -1.50 0.00	47.80 -1.08 0.00	43.85 -0.40 0.00	38.97 -0.32 0.00	36.97 -0.91 0.01
HOLTSVILLE_IC_1 23690	31.93 2.28 -0.01	26.61 2.36 -0.36	23.76 1.96 0.00	22.68 1.76 0.00	23.11 1.69 0.00	26.61 1.43 0.00	32.21 1.88 -0.01	33.38 2.56 -0.01	34.68 2.45 -0.01	34.73 2.39 -0.01	39.66 2.44 -1.76	41.02 2.79 -0.54	42.54 2.73 0.33	45.39 2.79 1.64	44.03 2.83 5.14	46.23 2.99 2.74	57.60 2.75 -4.78	69.17 3.80 -9.58	63.58 4.26 -3.25	65.23 3.46 -6.03	53.00 2.74 -1.38	51.56 2.30 -5.01	43.06 2.63 -1.14	41.75 2.73 -1.13
HOLTSVILLE_IC_10 23699	32.08 2.43 -0.01	26.73 2.48 -0.36	23.87 2.07 0.00	22.76 1.84 0.00	23.20 1.78 0.00	26.71 1.54 0.00	32.36 2.03 -0.01	33.57 2.74 -0.01	34.84 2.61 -0.01	34.92 2.59 -0.01	40.02 2.66 -1.91	41.44 3.02 -0.73	42.93 3.01 0.23	45.86 3.10 1.48	44.51 3.20 5.03	46.86 3.35 2.47	59.89 3.16 -6.67	69.84 4.30 -9.75	64.33 4.76 -3.49	66.20 3.96 -6.50	53.55 3.18 -1.50	52.70 2.70 -5.74	43.47 2.95 -1.23	42.07 2.96 -1.23
HOLTSVILLE_IC_2 23691	31.93 2.28 -0.01	26.61 2.36 -0.36	23.76 1.96 0.00	22.68 1.76 0.00	23.11 1.69 0.00	26.61 1.43 0.00	32.21 1.88 -0.01	33.38 2.56 -0.01	34.68 2.45 -0.01	34.73 2.39 -0.01	39.66 2.44 -1.76	41.02 2.79 -0.54	42.54 2.73 0.33	45.39 2.79 1.64	44.03 2.83 5.14	46.23 2.99 2.74	57.60 2.75 -4.78	69.17 3.80 -9.58	63.58 4.26 -3.25	65.23 3.46 -6.03	53.00 2.74 -1.38	51.56 2.30 -5.01	43.06 2.63 -1.14	41.75 2.73 -1.13
HOLTSVILLE_IC_3 23692	31.93 2.28 -0.01	26.61 2.36 -0.36	23.76 1.96 0.00	22.68 1.76 0.00	23.11 1.69 0.00	26.61 1.43 0.00	32.21 1.88 -0.01	33.38 2.56 -0.01	34.68 2.45 -0.01	34.73 2.39 -0.01	39.66 2.44 -1.76	41.02 2.79 -0.54	42.54 2.73 0.33	45.39 2.79 1.64	44.03 2.83 5.14	46.23 2.99 2.74	57.60 2.75 -4.78	69.17 3.80 -9.58	63.58 4.26 -3.25	65.23 3.46 -6.03	53.00 2.74 -1.38	51.56 2.30 -5.01	43.06 2.63 -1.14	41.75 2.73 -1.13
HOLTSVILLE_IC_4 23693	31.93 2.28 -0.01	26.61 2.36 -0.36	23.76 1.96 0.00	22.68 1.76 0.00	23.11 1.69 0.00	26.61 1.43 0.00	32.21 1.88 -0.01	33.38 2.56 -0.01	34.68 2.45 -0.01	34.73 2.39 -0.01	39.66 2.44 -1.76	41.02 2.79 -0.54	42.54 2.73 0.33	45.39 2.79 1.64	44.03 2.83 5.14	46.23 2.99 2.74	57.60 2.75 -4.78	69.17 3.80 -9.58	63.58 4.26 -3.25	65.23 3.46 -6.03	53.00 2.74 -1.38	51.56 2.30 -5.01	43.06 2.63 -1.14	41.75 2.73 -1.13
HOLTSVILLE_IC_5 23694	31.93 2.28 -0.01	26.61 2.36 -0.36	23.76 1.96 0.00	22.68 1.76 0.00	23.11 1.69 0.00	26.61 1.43 0.00	32.21 1.88 -0.01	33.38 2.56 -0.01	34.68 2.45 -0.01	34.73 2.39 -0.01	39.66 2.44 -1.76	41.02 2.79 -0.54	42.54 2.73 0.33	45.39 2.79 1.64	44.03 2.83 5.14	46.23 2.99 2.74	57.60 2.75 -4.78	69.17 3.80 -9.58	63.58 4.26 -3.25	65.23 3.46 -6.03	53.00 2.74 -1.38	51.56 2.30 -5.01	43.06 2.63 -1.14	41.75 2.73 -1.13
HOLTSVILLE_IC_6 23695	32.08 2.43 -0.01	26.73 2.48 -0.36	23.87 2.07 0.00	22.76 1.84 0.00	23.20 1.78 0.00	26.71 1.54 0.00	32.36 2.03 -0.01	33.57 2.74 -0.01	34.84 2.61 -0.01	34.92 2.59 -0.01	40.02 2.66 -1.91	41.44 3.02 -0.73	42.93 3.01 0.23	45.86 3.10 1.48	44.51 3.20 5.03	46.86 3.35 2.47	59.89 3.16 -6.67	69.84 4.30 -9.75	64.33 4.76 -3.49	66.20 3.96 -6.50	53.55 3.18 -1.50	52.70 2.70 -5.74	43.47 2.95 -1.23	42.07 2.96 -1.23
HOLTSVILLE_IC_7 23696	32.08 2.43 -0.01	26.73 2.48 -0.36	23.87 2.07 0.00	22.76 1.84 0.00	23.20 1.78 0.00	26.71 1.54 0.00	32.36 2.03 -0.01	33.57 2.74 -0.01	34.84 2.61 -0.01	34.92 2.59 -0.01	40.02 2.66 -1.91	41.44 3.02 -0.73	42.93 3.01 0.23	45.86 3.10 1.48	44.51 3.20 5.03	46.86 3.35 2.47	59.89 3.16 -6.67	69.84 4.30 -9.75	64.33 4.76 -3.49	66.20 3.96 -6.50	53.55 3.18 -1.50	52.70 2.70 -5.74	43.47 2.95 -1.23	42.07 2.96 -1.23
HOLTSVILLE_IC_8 23697	32.08 2.43 -0.01	26.73 2.48 -0.36	23.87 2.07 0.00	22.76 1.84 0.00	23.20 1.78 0.00	26.71 1.54 0.00	32.36 2.03 -0.01	33.57 2.74 -0.01	34.84 2.61 -0.01	34.92 2.59 -0.01	40.02 2.66 -1.91	41.44 3.02 -0.73	42.93 3.01 0.23	45.86 3.10 1.48	44.51 3.20 5.03	46.86 3.35 2.47	59.89 3.16 -6.67	69.84 4.30 -9.75	64.33 4.76 -3.49	66.20 3.96 -6.50	53.55 3.18 -1.50	52.70 2.70 -5.74	43.47 2.95 -1.23	42.07 2.96 -1.23
HOLTSVILLE_IC_9 23698	32.08 2.43 -0.01	26.73 2.48 -0.36	23.87 2.07 0.00	22.76 1.84 0.00	23.20 1.78 0.00	26.71 1.54 0.00	32.36 2.03 -0.01	33.57 2.74 -0.01	34.84 2.61 -0.01	34.92 2.59 -0.01	40.02 2.66 -1.91	41.44 3.02 -0.73	42.93 3.01 0.23	45.86 3.10 1.48	44.51 3.20 5.03	46.86 3.35 2.47	59.89 3.16 -6.67	69.84 4.30 -9.75	64.33 4.76 -3.49	66.20 3.96 -6.50	53.55 3.18 -1.50	52.70 2.70 -5.74	43.47 2.95 -1.23	42.07 2.96 -1.23
HOMER_HL_115KV_TB2 355744	28.78 -0.86 0.00	23.71 -0.17 0.00	21.62 -0.17 0.00	21.05 0.13 0.00	21.46 0.04 0.00	24.97 -0.20 0.00	29.68 -0.64 0.00	30.01 -0.80 0.00	31.77 -0.45 0.00	31.74 -0.58 0.00	34.57 -0.89 1.97	34.67 -1.06 1.79	37.43 -0.92 1.79	40.18 -1.37 2.69	40.92 -2.64 2.78	43.01 -2.85 0.11	47.18 -2.15 0.73	53.18 -2.34 0.27	54.72 -1.35 0.01	54.12 -1.62 0.00	47.56 -1.32 0.00	43.46 -0.80 0.00	38.94 -0.35 0.00	36.89 -0.99 0.01
HOWARD_WT_PWR 323690	29.11 -0.53 0.00	23.76 -0.12 0.00	21.73 -0.07 0.00	21.15 0.23 0.00	21.66 0.24 0.00	25.38 0.20 0.00	30.23 -0.09 0.00	30.57 -0.25 0.00	32.19 -0.03 0.00	32.07 -0.26 0.00	35.03 -0.42 1.82	35.31 -0.56 1.66	38.05 -0.44 2.49	40.82 -0.93 2.57	42.80 -0.98 2.57	44.26 -1.61 0.10	48.49 -0.90 0.68	54.71 -0.84 0.25	56.41 0.34 0.01	56.13 0.39 0.00	49.56 0.68 0.00	45.23 0.97 0.00	40.31 1.02 0.00	38.22 0.34 0.01
HQ_GEN_CEDARS 23644	29.26 -0.39 0.00	23.31 -0.57 0.00	21.29 -0.50 0.00	20.46 -0.46 0.00	20.99 -0.43 0.00	24.92 -0.25 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.29 0.06 0.00	32.52 0.19 0.00	35.70 0.25 0.80	37.01 0.11 0.73	39.49 0.08 1.10	43.19 0.04 1.13	45.26 0.05 1.13	45.98 0.05 0.05	49.71 -0.05 0.30	55.57 -0.22 0.00	55.63 -0.45 0.00	55.96 0.22 0.00	49.12 0.24 0.00	44.65 0.40 0.00	39.68 0.39 0.00	38.38 0.49 0.00
HQ_GEN_CEDARS_PROXY 323590	29.26 -0.39 0.00	23.31 -0.57 0.00	21.29 -0.50 0.00	20.46 -0.46 0.00	20.99 -0.43 0.00	24.92 -0.25 0.00	30.38 0.06 0.00	30.91 0.09 0.00	32.29 0.06 0.00	32.52 0.20 0.00	35.70 0.25 0.80	37.01 0.11 0.80	39.45 0.04 0.73	43.19 0.04 1.10	45.21 0.00 1.13	45.89 -0.05 0.05	49.71 -0.05 0.30	55.63 -0.17 0.00	55.68 -0.39 0.00	56.02 0.28 0.00	49.13 0.25 0.00	44.73 0.44 -0.04	39.65 0.39 0.04	38.37 0.49 0.00

HQ_GEN_IMPORT 323601	29.40 -0.24 0.00	23.50 -0.38 0.00	21.47 -0.33 0.00	20.61 -0.31 0.00	12.16 -0.30 8.96	34.01 -0.13 -8.96	30.29 -0.03 0.00	30.82 0.00 0.00	32.22 0.00 0.00	32.39 0.06 0.00	35.53 0.07 0.00	37.43 0.04 0.31	39.86 0.00 0.28	43.82 0.00 0.42	45.91 0.00 0.44	46.01 0.05 0.02	50.00 0.05 0.12	55.74 -0.06 0.00	55.74 -0.33 0.00	55.74 0.00 0.00	48.88 0.00 0.00	44.34 0.04 -0.04	39.29 0.04 0.04	38.00 0.11 0.00
HQ_GEN_WHEEL 23651	29.40 -0.24 0.00	23.50 -0.38 0.00	21.47 -0.33 0.00	20.61 -0.31 0.00	12.16 -0.30 8.96	34.01 -0.13 -8.96	30.29 -0.03 0.00	30.82 0.00 0.00	32.22 0.00 0.00	32.39 0.06 0.00	35.53 0.07 0.00	37.43 0.04 0.31	39.86 0.00 0.28	43.82 0.00 0.42	45.91 0.00 0.44	46.01 0.05 0.02	50.00 0.05 0.12	55.74 -0.06 0.00	55.74 -0.33 0.00	55.74 0.00 0.00	48.88 0.00 0.00	44.34 0.04 -0.04	39.29 0.04 0.04	38.00 0.11 0.00
HUDSON AVE_GT_3 23810	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.61 2.38 0.00	34.75 2.42 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.75 3.21 1.61	45.42 3.58 2.41	47.99 4.12 2.48	49.83 3.95 0.10	53.51 4.11 0.66	68.57 5.19 -7.58	61.81 5.50 -0.24	60.25 4.51 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.77 2.48 0.00	40.30 2.42 0.01
HUDSON AVE_GT_4 23540	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.61 2.38 0.00	34.75 2.42 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.75 3.21 1.61	45.42 3.58 2.41	47.99 4.12 2.48	49.83 3.95 0.10	53.51 4.11 0.66	68.57 5.19 -7.58	61.81 5.50 -0.24	60.25 4.51 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.77 2.48 0.00	40.30 2.42 0.01
HUDSON AVE_GT_5 23657	31.87 2.22 0.00	26.38 2.15 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.61 2.38 0.00	34.75 2.42 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.75 3.21 1.61	45.42 3.58 2.41	47.99 4.12 2.48	49.83 3.95 0.10	53.51 4.11 0.66	68.57 5.19 -7.58	61.81 5.50 -0.24	60.25 4.51 0.00	52.30 3.42 0.00	47.09 2.83 0.00	41.77 2.48 0.00	40.30 2.42 0.01
HUDSON_AVE_10 24168	31.78 2.13 0.00	26.31 2.08 -0.35	23.56 1.77 0.00	22.53 1.61 0.00	23.03 1.61 0.00	26.56 1.38 0.00	31.95 1.64 0.00	33.03 2.22 0.00	34.54 2.32 0.00	34.72 2.39 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.67 3.13 1.61	45.33 3.50 2.41	47.89 4.03 2.48	49.74 3.86 0.10	53.41 4.01 0.66	68.51 5.13 -7.58	61.75 5.44 -0.24	60.14 4.40 0.00	52.25 3.37 0.00	47.00 2.74 0.00	41.69 2.40 0.00	40.19 2.31 0.01
HUDSON___115KV_TB 4 355613	30.80 1.16 0.00	26.54 0.93 -1.73	22.80 1.00 0.00	21.80 0.88 0.00	22.28 0.86 0.00	25.96 0.78 0.00	31.11 0.79 0.00	31.56 0.74 0.00	32.90 0.68 0.00	32.84 0.52 0.00	35.95 0.50 0.00	36.50 0.68 1.88	39.07 0.64 1.72	42.59 0.93 2.58	44.51 0.83 2.67	46.79 0.92 0.11	42.68 1.35 8.73	58.67 2.40 -0.47	58.78 2.69 -0.01	57.41 1.67 0.00	50.44 1.56 0.00	45.45 1.19 0.00	40.19 0.90 0.00	38.75 0.87 0.01
HUNTER MOUNT___DRP 323613	30.92 1.27 0.00	26.22 0.86 -1.48	22.89 1.09 0.00	21.86 0.94 0.00	22.34 0.92 0.00	26.08 0.91 0.00	31.26 0.94 0.00	31.65 0.83 0.00	32.96 0.74 0.00	32.88 0.55 0.00	35.99 0.53 0.00	36.52 0.68 1.86	39.13 0.68 1.70	42.66 0.97 2.55	44.59 0.88 2.64	46.84 0.97 0.11	44.83 1.85 7.09	60.08 3.01 -1.27	59.37 3.25 -0.04	57.58 1.84 0.00	50.64 1.76 0.00	45.63 1.37 0.00	40.31 1.02 0.00	38.90 1.02 0.01
HUNTINGTON_RES_REC 323705	32.08 2.43 -0.01	26.65 2.41 -0.36	23.80 2.00 0.00	22.72 1.80 0.00	23.15 1.73 0.00	26.66 1.49 0.00	32.33 2.00 -0.01	33.38 2.56 -0.01	34.81 2.58 -0.01	34.89 2.55 -0.01	39.90 2.52 -1.92	41.20 2.75 -0.75	42.62 2.69 0.22	45.57 2.79 1.46	44.16 2.83 5.01	46.58 3.03 2.43	51.97 2.85 0.95	69.46 3.90 -9.76	63.85 4.26 -3.52	72.47 3.46 -13.27	53.25 2.74 -1.64	64.09 2.26 -17.58	43.21 2.67 -1.24	41.89 2.76 -1.24
HUNTLEY___63 23557	28.66 -0.98 0.00	23.64 -0.24 0.00	21.53 -0.26 0.00	20.98 0.06 0.00	21.36 -0.06 0.00	24.82 -0.35 0.00	29.38 -0.94 0.00	29.43 -1.39 0.00	31.25 -0.97 0.00	31.16 -1.16 0.00	33.89 -1.56 0.00	33.99 -1.70 2.02	36.71 -1.61 1.83	39.28 -2.21 2.75	40.35 -3.15 2.84	42.55 -3.31 0.11	46.71 -2.60 0.75	52.54 -2.96 0.30	54.16 -1.91 0.01	53.57 -2.17 0.00	47.12 -1.76 0.00	43.28 -0.97 0.00	38.50 -0.79 0.00	36.47 -1.40 0.01
HUNTLEY___64 23558	28.66 -0.98 0.00	23.64 -0.24 0.00	21.53 -0.26 0.00	20.98 0.06 0.00	21.36 -0.06 0.00	24.82 -0.35 0.00	29.38 -0.94 0.00	29.43 -1.39 0.00	31.25 -0.97 0.00	31.16 -1.16 0.00	33.89 -1.56 0.00	33.99 -1.70 2.02	36.71 -1.61 1.83	39.28 -2.21 2.75	40.35 -3.15 2.84	42.55 -3.31 0.11	46.71 -2.60 0.75	52.54 -2.96 0.30	54.16 -1.91 0.01	53.57 -2.17 0.00	47.12 -1.76 0.00	43.28 -0.97 0.00	38.50 -0.79 0.00	36.47 -1.40 0.01
HUNTLEY___65 23559	28.66 -0.98 0.00	23.64 -0.24 0.00	21.53 -0.26 0.00	20.98 0.06 0.00	21.36 -0.06 0.00	24.82 -0.35 0.00	29.38 -0.94 0.00	29.43 -1.39 0.00	31.25 -0.97 0.00	31.16 -1.16 0.00	33.89 -1.56 0.00	33.99 -1.70 2.02	36.71 -1.61 1.83	39.28 -2.21 2.75	40.35 -3.15 2.84	42.55 -3.31 0.11	46.71 -2.60 0.75	52.54 -2.96 0.30	54.16 -1.91 0.01	53.57 -2.17 0.00	47.12 -1.76 0.00	43.28 -0.97 0.00	38.50 -0.79 0.00	36.47 -1.40 0.01
HUNTLEY___66 23560	28.66 -0.98 0.00	23.64 -0.24 0.00	21.53 -0.26 0.00	20.98 0.06 0.00	21.36 -0.06 0.00	24.82 -0.35 0.00	29.38 -0.94 0.00	29.43 -1.39 0.00	31.25 -0.97 0.00	31.16 -1.16 0.00	33.89 -1.56 0.00	33.99 -1.70 2.02	36.71 -1.61 1.83	39.28 -2.21 2.75	40.35 -3.15 2.84	42.55 -3.31 0.11	46.71 -2.60 0.75	52.54 -2.96 0.30	54.16 -1.91 0.01	53.57 -2.17 0.00	47.12 -1.76 0.00	43.28 -0.97 0.00	38.50 -0.79 0.00	36.47 -1.40 0.01
HUNTLEY___67 23561	28.55 -1.10 0.00	23.54 -0.33 0.00	21.47 -0.33 0.00	20.88 -0.04 0.00	21.27 -0.15 0.00	24.72 -0.45 0.00	29.26 -1.06 0.00	29.34 -1.48 0.00	31.09 -1.13 0.00	31.03 -1.29 0.00	33.75 -1.70 0.00	33.79 -1.88 2.02	36.50 -1.81 1.84	39.05 -2.43 2.76	40.11 -3.38 2.85	42.37 -3.49 0.11	46.46 -2.85 0.75	52.26 -3.24 0.30	53.88 -2.19 0.01	53.29 -2.45 0.00	46.88 -2.00 0.00	43.06 -1.19 0.00	38.35 -0.94 0.00	36.36 -1.52 0.01
HUNTLEY___68 23562	28.55 -1.10 0.00	23.54 -0.33 0.00	21.47 -0.33 0.00	20.88 -0.04 0.00	21.27 -0.15 0.00	24.72 -0.45 0.00	29.26 -1.06 0.00	29.34 -1.48 0.00	31.09 -1.13 0.00	31.03 -1.29 0.00	33.75 -1.70 0.00	33.79 -1.88 2.02	36.50 -1.81 1.84	39.05 -2.43 2.76	40.11 -3.38 2.85	42.37 -3.49 0.11	46.46 -2.85 0.75	52.26 -3.24 0.30	53.88 -2.19 0.01	53.29 -2.45 0.00	46.88 -2.00 0.00	43.06 -1.19 0.00	38.35 -0.94 0.00	36.36 -1.52 0.01

HYLAND___LFGE 323620	30.47 0.83 0.00	24.67 0.79 0.00	22.54 0.74 0.00	21.90 0.98 0.00	22.30 0.88 0.00	26.16 0.98 0.00	30.98 0.67 0.00	31.16 0.34 0.00	32.32 0.10 0.00	31.90 -0.42 0.00	34.78 -0.67 0.00	34.86 -0.94 1.90	37.54 -0.88 1.72	39.00 -2.65 2.59	40.98 -2.69 2.67	43.16 -2.71 0.11	47.26 -2.10 0.70	53.28 -2.23 0.28	55.06 -1.01 0.01	55.24 -0.50 0.00	49.17 0.30 0.00	45.14 0.88 0.00	41.22 1.92 0.00	38.90 1.02 0.01
INDECK___CORINTH 23802	31.87 2.22 0.00	30.04 2.01 -4.15	23.56 1.76 0.00	22.47 1.55 0.00	22.98 1.56 0.00	26.79 1.61 0.00	32.17 1.85 0.00	32.67 1.85 0.00	34.19 1.97 0.00	34.10 1.78 0.00	36.37 0.92 0.00	36.87 1.13 1.96	39.60 1.25 1.79	43.19 1.64 2.69	45.28 1.72 2.78	47.80 1.93 0.11	58.61 1.75 -6.79	58.42 2.62 0.00	58.71 2.64 0.00	57.86 2.12 0.00	50.84 1.96 0.00	46.33 2.08 0.00	40.78 1.49 0.00	39.35 1.48 0.01
INDECK___ILION 23567	29.73 0.09 0.00	23.91 0.21 0.18	22.01 0.22 0.00	21.13 0.21 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.26 -0.06 0.00	30.75 -0.06 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.24 -0.21 0.00	35.23 -0.15 2.32	37.88 -0.16 2.11	40.91 -0.18 3.16	42.94 -0.14 3.26	45.71 -0.14 0.13	49.05 -0.15 0.86	55.31 0.00 0.48	56.40 0.34 0.02	55.68 -0.06 0.00	48.83 -0.05 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.76 -0.11 0.01
INDECK___OLEAN 23982	28.78 -0.86 0.00	23.71 -0.17 0.00	21.62 -0.18 0.00	21.05 0.13 0.00	21.46 0.04 0.00	24.97 -0.20 0.00	29.68 -0.64 0.00	30.05 -0.77 0.00	31.77 -0.45 0.00	31.75 -0.58 0.00	34.60 -0.85 1.97	34.67 -1.06 1.79	37.47 -0.88 2.69	40.27 -1.28 2.78	42.08 -1.48 2.78	43.25 -2.62 0.11	47.33 -2.00 0.73	53.13 -2.40 0.27	54.67 -1.40 0.01	54.18 -1.56 0.00	47.66 -1.22 0.00	43.59 -0.66 0.00	39.02 -0.27 0.00	36.93 -0.95 0.01
INDECK___OSWEGO 23783	29.17 -0.48 0.00	23.48 -0.29 0.11	21.53 -0.26 0.00	20.71 -0.21 0.00	21.19 -0.24 0.00	24.75 -0.43 0.00	29.65 -0.67 0.00	30.05 -0.77 0.00	31.45 -0.77 0.00	31.45 -0.87 0.00	34.53 -0.92 0.00	37.35 -1.02 -0.67	39.75 -1.00 -0.61	44.01 -1.15 -0.91	46.08 -1.21 -0.94	44.31 -1.70 -0.04	48.56 -1.75 -0.25	53.56 -1.90 0.33	54.44 -1.63 0.01	53.95 -1.79 0.00	47.46 -1.42 0.00	43.37 -0.88 0.00	38.46 -0.83 0.00	36.87 -1.02 0.00
INDECK___YERKES 23781	28.69 -0.95 0.00	23.66 -0.22 0.00	21.56 -0.24 0.00	21.00 0.08 0.00	21.38 -0.04 0.00	24.85 -0.33 0.00	29.41 -0.91 0.00	29.52 -1.29 0.00	31.29 -0.94 0.00	31.19 -1.13 0.00	34.00 -1.46 0.00	34.02 -1.66 2.02	36.79 -1.53 1.83	39.50 -1.99 2.75	41.37 -2.13 2.84	42.88 -2.99 0.11	46.96 -2.35 0.75	52.54 -2.96 0.30	54.16 -1.91 0.01	53.62 -2.12 0.00	47.27 -1.61 0.00	43.50 -0.75 0.00	38.58 -0.71 0.00	36.55 -1.33 0.01
INDIAN POINT_GT_1 24139	31.51 1.87 0.00	26.09 1.86 -0.35	23.39 1.59 0.00	22.39 1.46 0.00	22.86 1.44 0.00	26.44 1.26 0.00	31.74 1.42 0.00	32.67 1.85 0.00	34.12 1.90 0.00	34.23 1.91 0.00	37.55 2.09 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.67 2.83 2.40	47.20 3.34 2.48	49.14 3.26 0.10	52.81 3.40 0.65	67.73 4.46 -7.47	61.08 4.77 -0.23	59.59 3.85 0.00	51.81 2.93 0.00	46.51 2.26 0.00	41.26 1.96 0.00	39.85 1.97 0.01
INDIAN POINT_GT_2 23659	31.51 1.87 0.00	26.09 1.86 -0.35	23.39 1.59 0.00	22.39 1.46 0.00	22.86 1.44 0.00	26.44 1.26 0.00	31.74 1.42 0.00	32.67 1.85 0.00	34.12 1.90 0.00	34.23 1.91 0.00	37.55 2.09 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.67 2.83 2.40	47.20 3.34 2.48	49.14 3.26 0.10	52.81 3.40 0.65	67.73 4.46 -7.47	61.08 4.77 -0.23	59.59 3.85 0.00	51.81 2.93 0.00	46.51 2.26 0.00	41.26 1.96 0.00	39.85 1.97 0.01
INDIAN POINT_GT_3 24019	31.51 1.87 0.00	26.09 1.86 -0.35	23.39 1.59 0.00	22.39 1.46 0.00	22.86 1.44 0.00	26.44 1.26 0.00	31.74 1.42 0.00	32.67 1.85 0.00	34.12 1.90 0.00	34.23 1.91 0.00	37.55 2.09 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.67 2.83 2.40	47.20 3.34 2.48	49.14 3.26 0.10	52.81 3.40 0.65	67.73 4.46 -7.47	61.08 4.77 -0.23	59.59 3.85 0.00	51.81 2.93 0.00	46.51 2.26 0.00	41.26 1.96 0.00	39.85 1.97 0.01
INDIAN POINT___2 23530	31.42 1.78 0.00	26.04 1.81 -0.35	23.34 1.55 0.00	22.32 1.40 0.00	22.81 1.39 0.00	26.38 1.21 0.00	31.68 1.37 0.00	32.60 1.79 0.00	34.06 1.84 0.00	34.17 1.84 0.00	37.44 1.98 0.00	38.24 2.30 1.76	40.96 2.41 1.59	44.55 2.70 2.39	46.84 2.97 2.47	49.01 3.13 0.10	52.62 3.21 0.65	67.30 4.19 -7.32	60.79 4.49 -0.23	59.36 3.62 0.00	51.66 2.78 0.00	46.38 2.12 0.00	41.25 1.96 0.00	39.77 1.89 0.01
INDIAN POINT___3 23531	31.45 1.81 0.00	26.04 1.81 -0.35	23.34 1.55 0.00	22.34 1.42 0.00	22.83 1.41 0.00	26.41 1.23 0.00	31.71 1.39 0.00	32.60 1.79 0.00	34.06 1.84 0.00	34.17 1.84 0.00	37.44 1.99 0.00	38.20 2.26 1.76	40.95 2.41 1.60	44.54 2.70 2.40	47.06 3.20 2.48	48.96 3.08 0.10	52.61 3.20 0.65	67.46 4.18 -7.47	60.80 4.49 -0.23	59.36 3.62 0.00	51.62 2.74 0.00	46.38 2.12 0.00	41.14 1.85 0.00	39.73 1.86 0.01
INGHAM_C_115KV_TB7 356103	29.38 -0.27 0.00	23.60 -0.10 0.18	21.73 -0.07 0.00	20.86 -0.06 0.00	21.38 -0.04 0.00	24.97 -0.20 0.00	29.95 -0.36 0.00	30.42 -0.40 0.00	31.80 -0.42 0.00	31.78 -0.55 0.00	34.85 -0.60 0.00	34.78 -0.60 2.32	37.44 -0.60 2.11	40.37 -0.71 3.16	42.38 -0.70 3.26	45.11 -0.74 0.13	48.40 -0.80 0.86	54.59 -0.73 0.48	55.67 -0.39 0.02	55.02 -0.72 0.00	48.20 -0.68 0.00	43.72 -0.53 0.00	38.82 -0.47 0.00	37.34 -0.53 0.01
IP CORINTH___1 23988	31.87 2.22 0.00	30.04 2.01 -4.15	23.56 1.77 0.00	22.47 1.55 0.00	22.98 1.56 0.00	26.79 1.61 0.00	32.20 1.88 0.00	32.70 1.88 0.00	34.19 1.97 0.00	34.10 1.78 0.00	36.55 1.10 0.00	37.06 1.32 1.96	39.84 1.49 1.79	43.46 1.90 2.69	45.65 2.09 2.78	48.03 2.16 0.11	58.86 2.00 -6.79	58.75 2.96 0.00	59.10 3.03 0.00	58.19 2.45 0.00	51.13 2.25 0.00	46.60 2.35 0.00	41.02 1.73 0.00	39.54 1.67 0.01
IP___TICONDEROGA 23804	33.02 3.38 0.00	30.88 2.89 -4.11	24.32 2.53 0.00	23.12 2.20 0.00	23.65 2.23 0.00	27.62 2.44 0.00	33.26 2.94 0.00	33.81 2.99 0.00	35.38 3.16 0.00	35.17 2.84 0.00	37.86 2.41 0.00	38.50 2.75 1.96	41.53 3.17 1.79	45.49 3.94 2.69	47.69 4.12 2.77	50.14 4.28 0.11	62.37 4.76 -7.55	62.16 6.36 0.00	62.47 6.39 0.00	61.59 5.85 0.00	54.26 5.38 0.00	49.56 5.31 0.00	43.22 3.93 0.00	41.48 3.60 0.01
ISLIP_RES_REC 323679	32.23 2.58 -0.01	26.85 2.60 -0.36	23.95 2.16 0.00	22.84 1.92 0.00	23.28 1.86 0.00	26.81 1.64 0.00	32.51 2.18 -0.01	33.72 2.90 -0.01	35.00 2.77 -0.01	35.08 2.75 -0.01	40.33 2.87 -2.01	41.80 3.24 -0.86	43.32 3.33 0.15	46.33 3.45 1.37	45.01 3.62 4.95	47.46 3.77 2.28	62.36 3.61 -8.69	70.46 4.80 -9.86	65.01 5.27 -3.66	66.32 4.46 -6.12	54.01 3.57 -1.56	52.34 3.05 -5.03	43.81 3.22 -1.30	42.36 3.18 -1.29

JAMAICA__27_KV_LOAD 355505	31.93 2.28 0.00	26.41 2.17 -0.35	23.65 1.85 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.66 1.49 0.00	32.11 1.79 0.00	33.25 2.43 0.00	34.77 2.55 0.00	34.98 2.65 0.00	38.22 2.77 0.00	39.14 3.20 1.77	41.95 3.41 1.61	45.73 3.89 2.41	48.31 4.45 2.48	50.20 4.32 0.10	53.91 4.51 0.66	69.12 5.75 -7.58	62.42 6.11 -0.24	60.76 5.02 0.00	52.84 3.96 0.00	47.44 3.19 0.00	41.96 2.67 0.00	40.42 2.54 0.01
JANIS__SOLAR 323808	30.86 1.22 0.00	24.93 1.05 0.00	22.82 1.02 0.00	22.03 1.11 0.00	22.58 1.16 0.00	26.43 1.26 0.00	31.56 1.24 0.00	32.05 1.23 0.00	33.44 1.22 0.00	33.13 0.81 0.00	36.23 0.78 0.00	36.85 0.87 1.72	39.67 1.08 1.56	42.96 1.06 2.34	45.13 1.20 2.42	47.03 1.15 0.10	51.13 1.70 0.64	58.03 2.23 0.00	59.27 3.19 0.00	58.86 3.12 0.00	51.76 2.88 0.00	46.91 2.66 0.00	41.53 2.24 0.00	39.58 1.71 0.01
JARVIS____ 23743	29.91 0.27 0.00	24.08 0.38 0.18	22.14 0.35 0.00	21.25 0.33 0.00	21.74 0.32 0.00	25.35 0.18 0.00	30.38 0.06 0.00	30.88 0.06 0.00	32.29 0.06 0.00	32.29 -0.03 0.00	35.42 -0.04 0.00	35.38 0.00 2.32	38.08 0.04 2.11	41.13 0.04 3.16	43.17 0.09 3.26	45.94 0.09 0.13	49.25 0.05 0.86	55.54 0.22 0.48	56.56 0.50 0.02	55.91 0.17 0.00	49.03 0.15 0.00	44.39 0.13 0.00	39.41 0.12 0.00	37.91 0.04 0.01
JENNISON____1 23625	30.92 1.27 0.00	25.19 1.12 -0.19	22.89 1.09 0.00	22.09 1.17 0.00	22.68 1.26 0.00	26.51 1.33 0.00	31.65 1.33 0.00	32.17 1.36 0.00	33.74 1.51 0.00	33.46 1.13 0.00	36.69 1.24 0.00	37.22 1.39 1.88	40.13 1.69 1.71	43.36 1.68 2.56	45.41 1.71 2.64	47.66 1.79 0.11	51.67 2.30 0.70	58.59 2.79 0.00	59.78 3.70 0.00	59.08 3.34 0.00	51.86 2.98 0.00	46.95 2.70 0.00	41.57 2.28 0.00	39.73 1.86 0.01
JENNISON____2 23626	30.92 1.27 0.00	25.19 1.12 -0.19	22.89 1.09 0.00	22.09 1.17 0.00	22.68 1.26 0.00	26.51 1.33 0.00	31.65 1.33 0.00	32.17 1.36 0.00	33.74 1.51 0.00	33.46 1.13 0.00	36.69 1.24 0.00	37.22 1.39 1.88	40.13 1.69 1.71	43.36 1.68 2.56	45.41 1.71 2.64	47.66 1.79 0.11	51.67 2.30 0.70	58.59 2.79 0.00	59.78 3.70 0.00	59.08 3.34 0.00	51.86 2.98 0.00	46.95 2.70 0.00	41.57 2.28 0.00	39.73 1.86 0.01
JERICOHO_RISE_WT_PWR 323719	29.02 -0.62 0.00	23.14 -0.74 0.00	21.14 -0.65 0.00	20.33 -0.59 0.00	20.86 -0.56 0.00	24.82 -0.35 0.00	30.20 -0.12 0.00	30.75 -0.06 0.00	32.19 -0.03 0.00	32.42 0.10 0.00	35.56 0.11 0.00	36.86 -0.08 0.77	39.29 -0.16 0.70	43.02 -0.18 1.05	45.03 -0.23 1.08	45.89 -0.05 0.04	49.73 -0.05 0.29	55.68 -0.11 0.00	55.85 -0.22 0.00	56.13 0.39 0.00	49.22 0.34 0.00	44.65 0.40 0.00	39.60 0.31 0.00	38.30 0.42 0.00
KATONAH__115KV_46KV_TB4 355592	31.66 2.02 0.00	26.20 1.96 -0.36	23.47 1.68 0.00	22.49 1.57 0.00	22.96 1.54 0.00	26.59 1.41 0.00	31.92 1.61 0.00	32.82 2.00 0.00	34.32 2.09 0.00	34.39 2.07 0.00	37.76 2.30 0.00	38.53 2.60 1.77	41.38 2.85 1.61	45.01 3.19 2.42	47.69 3.85 2.50	49.74 3.86 0.10	53.51 4.11 0.66	68.73 5.24 -7.69	61.92 5.61 -0.24	60.42 4.68 0.00	52.40 3.52 0.00	46.91 2.66 0.00	41.57 2.28 0.00	40.11 2.24 0.01
KCE_NY_1 323755	31.57 1.93 0.00	29.70 1.77 -4.06	23.34 1.55 0.00	22.32 1.40 0.00	22.81 1.39 0.00	26.56 1.38 0.00	31.86 1.55 0.00	32.33 1.51 0.00	33.77 1.55 0.00	33.68 1.36 0.00	36.69 1.24 0.00	37.21 1.47 1.95	40.00 1.65 1.79	43.55 1.99 2.68	45.66 2.09 2.77	48.12 2.25 0.11	60.99 2.30 -8.62	58.97 3.18 0.00	59.50 3.42 0.00	58.64 2.90 0.00	51.47 2.59 0.00	46.64 2.39 0.00	41.18 1.89 0.00	39.77 1.89 0.01
KCE_NY_6_ESR 323823	28.81 -0.83 0.00	23.76 -0.12 0.00	21.64 -0.15 0.00	21.09 0.17 0.00	21.51 0.09 0.00	25.00 -0.18 0.00	29.62 -0.70 0.00	29.83 -0.99 0.00	31.54 -0.68 0.00	31.49 -0.84 0.00	34.32 -1.14 0.00	34.37 -1.32 2.01	37.15 -1.17 1.82	39.96 -1.55 2.74	41.80 -1.71 2.83	43.33 -2.53 0.11	47.47 -1.85 0.75	53.16 -2.34 0.29	54.78 -1.29 0.01	54.29 -1.45 0.00	47.80 -1.08 0.00	43.90 -0.36 0.00	38.97 -0.32 0.00	36.89 -0.99 0.01
KEDC_PORT_JEFF_GT2 24210	32.02 2.37 -0.01	26.70 2.46 -0.36	23.82 2.03 0.00	22.74 1.82 0.00	23.18 1.76 0.00	26.66 1.49 0.00	32.30 1.97 -0.01	33.51 2.68 -0.01	34.78 2.54 -0.01	34.86 2.52 -0.01	39.89 2.59 -1.85	41.29 2.94 -0.65	42.81 2.93 0.27	45.66 2.96 1.54	44.33 3.06 5.07	46.57 3.17 2.57	57.85 2.65 -5.13	69.16 3.68 -9.68	63.62 4.15 -3.40	66.12 3.34 -7.04	53.23 2.88 -1.47	53.54 2.57 -6.72	43.35 2.87 -1.20	42.00 2.92 -1.19
KEDC_PORT_JEFF_GT3 24211	32.02 2.37 -0.01	26.70 2.46 -0.36	23.82 2.03 0.00	22.74 1.82 0.00	23.18 1.76 0.00	26.66 1.49 0.00	32.30 1.97 -0.01	33.51 2.68 -0.01	34.78 2.54 -0.01	34.86 2.52 -0.01	39.89 2.59 -1.85	41.29 2.94 -0.65	42.81 2.93 0.27	45.66 2.96 1.54	44.33 3.06 5.07	46.57 3.17 2.57	57.85 2.65 -5.13	69.16 3.68 -9.68	63.62 4.15 -3.40	66.12 3.34 -7.04	53.23 2.88 -1.47	53.54 2.57 -6.72	43.35 2.87 -1.20	42.00 2.92 -1.19
KEDC_GLWD_GT4 24219	32.00 2.34 -0.02	26.52 2.27 -0.37	23.73 1.94 0.00	22.70 1.78 0.00	23.16 1.73 0.00	26.71 1.54 0.00	32.28 1.94 -0.02	33.21 2.37 -0.02	34.72 2.48 -0.02	34.83 2.49 -0.02	47.92 2.66 -9.81	51.75 3.02 -11.03	48.56 2.93 -5.48	54.94 3.23 -7.47	51.47 3.38 -1.75	62.48 3.59 -12.91	62.97 3.61 -9.29	79.12 4.63 -18.69	77.95 4.94 -16.94	67.20 4.07 -7.39	59.27 3.18 -7.22	50.44 2.57 -3.62	48.07 2.44 -6.34	46.64 2.39 -6.37
KEDC_GLWD_GT5 24220	32.00 2.34 -0.02	26.52 2.27 -0.37	23.73 1.94 0.00	22.70 1.78 0.00	23.16 1.73 0.00	26.71 1.54 0.00	32.28 1.94 -0.02	33.21 2.37 -0.02	34.72 2.48 -0.02	34.83 2.49 -0.02	47.92 2.66 -9.81	51.75 3.02 -11.03	48.56 2.93 -5.48	54.94 3.23 -7.47	51.47 3.38 -1.75	62.48 3.59 -12.91	62.97 3.61 -9.29	79.12 4.63 -18.69	77.95 4.94 -16.94	67.20 4.07 -7.39	59.27 3.18 -7.22	50.44 2.57 -3.62	48.07 2.44 -6.34	46.64 2.39 -6.37
KENSICO____ 23655	31.57 1.93 0.00	26.17 1.93 -0.35	23.45 1.66 0.00	22.43 1.51 0.00	22.92 1.50 0.00	26.51 1.33 0.00	31.83 1.52 0.00	32.79 1.97 0.00	34.25 2.03 0.00	34.36 2.04 0.00	37.65 2.20 0.00	38.46 2.53 1.77	41.23 2.69 1.61	44.84 3.01 2.41	47.38 3.52 2.49	49.28 3.40 0.10	52.96 3.55 0.66	67.93 4.58 -7.56	61.25 4.93 -0.24	59.75 4.01 0.00	51.91 3.03 0.00	46.64 2.39 0.00	41.37 2.08 0.00	39.96 2.08 0.01
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.66 2.02 0.00	26.37 2.03 -0.47	23.45 1.66 0.00	22.43 1.51 0.00	22.90 1.48 0.00	26.66 1.49 0.00	32.02 1.70 0.00	32.85 2.03 0.00	34.32 2.09 0.00	34.36 2.04 0.00	37.62 2.16 0.00	38.50 2.53 1.73	41.34 2.77 1.57	45.07 3.19 2.36	47.71 3.80 2.44	49.74 3.86 0.10	53.58 4.16 0.64	66.74 5.24 -5.70	61.86 5.61 -0.18	60.65 4.91 0.00	52.94 4.06 0.00	47.35 3.10 0.00	41.84 2.55 0.00	40.38 2.50 0.01

KIAC_JFK_GT1 23816	31.75 2.10 0.00	26.26 2.03 -0.35	23.52 1.72 0.00	22.49 1.57 0.00	22.96 1.54 0.00	26.51 1.33 0.00	31.95 1.64 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.78 2.46 0.00	37.90 2.45 0.00	38.76 2.83 1.77	41.55 3.01 1.61	45.28 3.45 2.41	47.85 3.99 2.48	49.74 3.86 0.10	53.41 4.01 0.66	68.57 5.19 -7.58	61.81 5.50 -0.24	60.20 4.46 0.00	52.30 3.42 0.00	46.95 2.70 0.00	41.57 2.28 0.00	40.04 2.16 0.01
KIAC_JFK_GT2 23817	31.75 2.10 0.00	26.26 2.03 -0.35	23.52 1.72 0.00	22.49 1.57 0.00	22.96 1.54 0.00	26.51 1.33 0.00	31.95 1.64 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.78 2.46 0.00	37.90 2.45 0.00	38.76 2.83 1.77	41.55 3.01 1.61	45.28 3.45 2.41	47.85 3.99 2.48	49.74 3.86 0.10	53.41 4.01 0.66	68.57 5.19 -7.58	61.81 5.50 -0.24	60.20 4.46 0.00	52.30 3.42 0.00	46.95 2.70 0.00	41.57 2.28 0.00	40.04 2.16 0.01
KIAC_JFK____ 323774	31.75 2.10 0.00	26.26 2.03 -0.35	23.52 1.72 0.00	22.49 1.57 0.00	22.96 1.54 0.00	26.51 1.33 0.00	31.92 1.61 0.00	33.04 2.22 0.00	34.57 2.35 0.00	34.55 2.23 0.00	37.87 2.41 0.00	38.79 2.86 1.77	41.59 3.05 1.61	45.24 3.41 2.41	47.57 3.71 2.48	49.74 3.86 0.10	53.31 3.91 0.66	68.51 5.13 -7.58	61.75 5.44 -0.24	60.14 4.40 0.00	52.30 3.42 0.00	46.95 2.70 0.00	41.69 2.40 0.00	40.07 2.20 0.01
KINTIGH__24_KV_GSU 356498	28.67 -0.98 0.00	23.52 -0.36 0.00	21.47 -0.33 0.00	20.82 -0.10 0.00	21.21 -0.21 0.00	24.70 -0.48 0.00	29.26 -1.06 0.00	29.46 -1.36 0.00	31.06 -1.16 0.00	30.97 -1.36 0.00	33.82 -1.63 0.00	33.79 -1.85 2.07	36.42 -1.85 1.88	39.12 -2.30 2.82	41.07 -2.36 2.91	42.78 -3.08 0.12	46.59 -2.70 0.77	52.24 -3.24 0.31	53.66 -2.41 0.01	53.18 -2.56 0.00	46.83 -2.05 0.00	43.06 -1.19 0.00	38.23 -1.06 0.00	36.32 -1.56 0.01
KINTIGH____ 23543	28.66 -0.98 0.00	23.52 -0.36 0.00	21.47 -0.33 0.00	20.82 -0.10 0.00	21.21 -0.21 0.00	24.70 -0.48 0.00	29.26 -1.06 0.00	29.37 -1.45 0.00	31.06 -1.16 0.00	30.97 -1.36 0.00	33.75 -1.70 0.00	33.79 -1.85 2.07	36.42 -1.85 1.88	38.99 -2.43 2.82	40.24 -3.20 2.91	42.50 -3.36 0.12	46.44 -2.85 0.77	52.25 -3.24 0.31	53.71 -2.36 0.01	53.18 -2.56 0.00	46.78 -2.10 0.00	42.93 -1.33 0.00	38.19 -1.10 0.00	36.28 -1.59 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	29.47 -0.18 0.00	23.50 -0.38 0.00	21.49 -0.31 0.00	20.67 -0.25 0.00	21.19 -0.24 0.00	25.20 0.03 0.00	30.77 0.45 0.00	31.34 0.52 0.00	32.80 0.58 0.00	33.07 0.74 0.00	36.23 0.78 0.00	37.65 0.72 0.77	40.13 0.68 0.70	43.86 0.66 1.05	45.91 0.65 1.08	46.81 0.87 0.04	50.73 0.95 0.29	56.74 0.95 0.00	57.03 0.95 0.00	57.30 1.56 0.00	50.25 1.37 0.00	45.54 1.28 0.00	40.35 1.06 0.00	39.06 1.17 0.00
LACHUTE____HYDRO 323717	33.02 3.38 0.00	30.88 2.89 -4.11	24.32 2.53 0.00	23.12 2.20 0.00	23.65 2.23 0.00	27.62 2.44 0.00	33.26 2.94 0.00	33.80 2.99 0.00	35.38 3.16 0.00	35.17 2.85 0.00	37.83 2.38 0.00	38.49 2.75 1.96	41.53 3.17 1.79	45.49 3.94 2.69	47.65 4.08 2.77	50.19 4.32 0.11	62.38 4.76 -7.55	62.10 6.30 0.00	62.41 6.33 0.00	61.59 5.85 0.00	54.26 5.38 0.00	49.56 5.31 0.00	43.22 3.93 0.00	41.51 3.64 0.01
LAWRNCALV_115KV_TB1 80681	28.72 -0.92 0.00	22.80 -1.07 0.00	20.86 -0.94 0.00	20.04 -0.88 0.00	20.61 -0.81 0.00	24.37 -0.81 0.00	29.71 -0.61 0.00	30.23 -0.59 0.00	31.58 -0.64 0.00	31.74 -0.58 0.00	34.89 -0.57 0.00	36.08 -0.72 0.91	38.32 -1.00 0.82	41.85 -1.15 1.24	43.91 -1.16 1.28	44.87 -1.06 0.05	48.53 -1.20 0.34	54.29 -1.51 0.00	54.45 -1.63 0.00	54.85 -0.89 0.00	48.20 -0.68 0.00	43.77 -0.49 0.00	39.02 -0.28 0.00	37.73 -0.15 0.00
LEDERLE____ 23769	31.48 1.84 0.00	26.06 1.84 -0.34	23.39 1.59 0.00	22.36 1.44 0.00	22.86 1.44 0.00	26.44 1.26 0.00	31.77 1.46 0.00	32.67 1.85 0.00	34.12 1.90 0.00	34.23 1.91 0.00	37.51 2.06 0.00	38.29 2.34 1.75	41.04 2.49 1.59	44.69 2.83 2.38	47.22 3.34 2.46	49.10 3.22 0.10	52.82 3.40 0.65	67.40 4.41 -7.19	61.01 4.71 -0.23	59.53 3.79 0.00	51.81 2.93 0.00	46.51 2.26 0.00	41.22 1.93 0.00	39.81 1.93 0.01
LIGHTHSE_115KV_TB6 355974	29.67 0.03 0.00	23.81 0.05 0.11	21.86 0.07 0.00	21.05 0.13 0.00	21.55 0.13 0.00	25.18 0.00 0.00	30.07 -0.24 0.00	30.48 -0.34 0.00	31.90 -0.32 0.00	31.81 -0.52 0.00	34.99 -0.46 0.00	36.80 -0.41 0.48	39.35 -0.36 0.44	43.10 -0.49 0.66	44.97 -0.70 0.68	45.21 -0.74 0.03	49.28 -0.60 0.18	55.01 -0.45 0.34	56.12 0.06 0.01	55.68 -0.06 0.00	49.03 0.15 0.00	44.61 0.35 0.00	39.49 0.20 0.00	37.77 -0.11 0.00
LINDEN COGEN____ 23786	31.66 2.02 0.00	26.19 1.96 -0.35	23.47 1.68 0.00	22.45 1.53 0.00	22.94 1.52 0.00	26.43 1.26 0.01	31.77 1.46 0.00	32.82 2.00 0.00	34.38 2.16 0.00	34.53 2.20 0.00	37.83 2.38 0.00	38.68 2.75 1.77	41.39 2.85 1.61	43.16 3.19 4.27	43.25 3.43 6.52	45.28 3.54 4.23	45.88 3.55 7.74	58.30 4.58 2.07	51.58 4.94 9.43	50.03 3.96 9.66	45.81 2.98 6.05	42.88 2.43 3.81	41.56 2.28 0.01	39.99 2.12 0.02
LINDHRST_69_KV_BK1 356055	32.32 2.67 -0.01	26.82 2.58 -0.37	23.95 2.16 0.00	22.89 1.97 0.00	23.33 1.91 0.00	26.86 1.69 0.00	32.57 2.24 -0.01	33.63 2.80 -0.01	35.07 2.84 -0.01	35.12 2.78 -0.01	42.55 3.05 -4.04	44.60 3.39 -3.51	44.83 3.37 -1.32	48.69 3.54 -0.91	46.85 3.80 3.30	51.25 3.72 -1.54	62.75 3.75 -8.93	72.81 4.85 -12.16	68.47 5.27 -7.13	63.61 4.40 -3.47	55.38 3.52 -2.98	46.60 3.01 0.66	44.73 2.83 -2.61	43.46 2.96 -2.62
LIPA_MISC_IPP 23656	31.79 2.13 -0.01	26.56 2.32 -0.36	23.69 1.90 0.00	22.62 1.69 0.00	23.05 1.63 0.00	26.51 1.33 0.00	32.06 1.73 -0.01	33.41 2.59 -0.01	34.52 2.29 -0.01	34.60 2.26 -0.01	39.69 2.45 -1.79	41.02 2.75 -0.57	42.40 2.57 0.32	45.32 2.70 1.62	44.23 3.01 5.13	46.18 2.90 2.70	57.97 2.80 -5.10	69.31 3.91 -9.61	63.79 4.43 -3.28	65.53 3.68 -6.11	53.12 2.84 -1.40	51.74 2.35 -5.14	42.60 2.16 -1.15	41.58 2.54 -1.15
LISF____SOLAR 323691	31.85 2.19 -0.01	26.61 2.36 -0.36	23.73 1.94 0.00	22.64 1.72 0.00	23.07 1.65 0.00	26.56 1.38 0.00	32.11 1.79 -0.01	33.44 2.62 -0.01	34.58 2.35 -0.01	34.63 2.30 -0.01	39.57 2.30 -1.81	40.98 2.68 -0.60	42.50 2.65 0.30	45.40 2.74 1.59	44.07 2.83 5.11	46.32 2.99 2.65	58.35 2.85 -5.43	69.45 4.02 -9.64	63.94 4.54 -3.33	65.78 3.84 -6.20	53.29 2.98 -1.42	52.01 2.48 -5.28	43.17 2.71 -1.17	41.82 2.76 -1.17
LITTLE FALLS____HYD 24013	29.38 -0.27 0.00	23.60 -0.10 0.18	21.73 -0.07 0.00	20.86 -0.06 0.00	21.38 -0.04 0.00	24.97 -0.20 0.00	29.95 -0.36 0.00	30.42 -0.40 0.00	31.80 -0.42 0.00	31.78 -0.55 0.00	34.85 -0.60 0.00	34.78 -0.60 2.32	37.44 -0.60 2.11	40.37 -0.71 3.16	42.38 -0.70 3.26	45.11 -0.74 0.13	48.40 -0.80 0.86	54.59 -0.73 0.48	55.67 -0.39 0.02	55.02 -0.72 0.00	48.20 -0.68 0.00	43.72 -0.53 0.00	38.82 -0.47 0.00	37.34 -0.53 0.01

LITTLRIV_115KV_TB1 356100	29.17 -0.47 0.00	23.09 -0.79 0.00	21.12 -0.68 0.00	20.31 -0.61 0.00	20.93 -0.49 0.00	24.82 -0.35 0.00	30.23 -0.09 0.00	30.72 -0.09 0.00	32.06 -0.16 0.00	32.16 -0.16 0.00	35.31 -0.14 0.00	36.52 -0.26 0.92	38.87 -0.44 0.84	42.46 -0.53 1.25	44.54 -0.51 1.30	45.56 -0.37 0.05	49.32 -0.40 0.34	55.13 -0.67 0.00	55.46 -0.62 0.00	56.07 0.33 0.00	49.27 0.39 0.00	44.74 0.49 0.00	39.84 0.55 0.00	38.49 0.61 0.00
LI_NEWBRDGE___DRP 323616	31.85 2.19 -0.01	26.44 2.20 -0.36	23.65 1.85 0.00	22.59 1.67 0.00	23.05 1.63 0.00	26.54 1.36 0.00	32.12 1.79 -0.01	33.08 2.25 -0.01	34.55 2.32 -0.01	34.66 2.33 -0.01	38.33 2.52 -0.36	39.27 2.87 1.30	41.53 2.73 1.35	44.00 2.96 3.20	43.29 3.20 6.25	43.73 3.08 5.32	52.83 3.05 0.29	67.81 4.02 -7.99	61.25 4.32 -0.86	59.47 3.46 -0.27	51.88 2.74 -0.26	42.27 2.30 4.29	41.76 2.24 -0.23	40.42 2.31 -0.22
LOCKPORT_115KV_TB60_63_64 80432	28.58 -1.07 0.00	23.57 -0.31 0.00	21.49 -0.31 0.00	20.92 0.00 0.00	21.29 -0.13 0.00	24.77 -0.40 0.00	29.26 -1.06 0.00	29.31 -1.51 0.00	31.09 -1.13 0.00	30.97 -1.36 0.00	33.68 -1.77 0.00	33.77 -1.92 2.01	36.43 -1.89 1.83	38.98 -2.52 2.74	40.08 -3.43 2.83	42.28 -3.59 0.11	46.41 -2.90 0.75	52.15 -3.35 0.30	53.77 -2.30 0.01	53.23 -2.51 0.00	46.83 -2.05 0.00	43.06 -1.19 0.00	38.31 -0.98 0.00	36.32 -1.55 0.01
LOCKPORT___CC1 323769	28.55 -1.10 0.00	23.54 -0.33 0.00	21.47 -0.33 0.00	20.90 -0.02 0.00	21.29 -0.13 0.00	24.75 -0.43 0.00	29.23 -1.09 0.00	29.37 -1.45 0.00	31.06 -1.16 0.00	30.97 -1.36 0.00	33.75 -1.70 0.00	33.73 -1.96 2.01	36.43 -1.89 1.83	39.11 -2.39 2.74	41.01 -2.50 2.83	42.51 -3.35 0.11	46.51 -2.80 0.75	52.03 -3.46 0.30	53.66 -2.41 0.01	53.18 -2.56 0.00	46.87 -2.01 0.00	43.19 -1.06 0.00	38.35 -0.94 0.00	36.36 -1.52 0.01
LOCKPORT___CC2 323770	28.55 -1.10 0.00	23.54 -0.33 0.00	21.47 -0.33 0.00	20.90 -0.02 0.00	21.29 -0.13 0.00	24.75 -0.43 0.00	29.23 -1.09 0.00	29.37 -1.45 0.00	31.06 -1.16 0.00	30.97 -1.36 0.00	33.75 -1.70 0.00	33.73 -1.96 2.01	36.43 -1.89 1.83	39.11 -2.39 2.74	41.01 -2.50 2.83	42.51 -3.35 0.11	46.51 -2.80 0.75	52.03 -3.46 0.30	53.66 -2.41 0.01	53.18 -2.56 0.00	46.87 -2.01 0.00	43.19 -1.06 0.00	38.35 -0.94 0.00	36.36 -1.52 0.01
LOCKPORT___CC3 323771	28.55 -1.10 0.00	23.54 -0.33 0.00	21.47 -0.33 0.00	20.90 -0.02 0.00	21.29 -0.13 0.00	24.75 -0.43 0.00	29.23 -1.09 0.00	29.37 -1.45 0.00	31.06 -1.16 0.00	30.97 -1.36 0.00	33.75 -1.70 0.00	33.73 -1.96 2.01	36.43 -1.89 1.83	39.11 -2.39 2.74	41.01 -2.50 2.83	42.51 -3.35 0.11	46.51 -2.80 0.75	52.03 -3.46 0.30	53.66 -2.41 0.01	53.18 -2.56 0.00	46.87 -2.01 0.00	43.19 -1.06 0.00	38.35 -0.94 0.00	36.36 -1.52 0.01
LOCUSVLY_69_KV_BK2 55797	32.15 2.49 -0.02	26.66 2.41 -0.37	23.84 2.05 0.00	22.78 1.86 0.00	23.24 1.82 0.00	26.79 1.61 0.00	32.39 2.06 -0.02	33.39 2.56 -0.02	34.88 2.64 -0.02	34.99 2.65 -0.02	46.16 2.84 -7.87	49.34 3.13 -8.51	47.36 3.13 -4.09	52.96 3.45 -5.26	50.20 3.80 -0.05	58.80 3.72 -9.10	61.25 3.85 -7.33	77.21 4.91 -16.50	74.93 5.21 -13.64	65.97 4.29 -5.93	58.04 3.37 -5.79	48.93 2.74 -1.94	46.97 2.59 -5.09	45.69 2.69 -5.11
LONG_LAKE_PHOENIX 24014	29.26 -0.39 0.00	23.55 -0.21 0.11	21.60 -0.20 0.00	20.77 -0.15 0.00	21.23 -0.19 0.00	24.82 -0.35 0.00	29.71 -0.61 0.00	30.14 -0.68 0.00	31.54 -0.68 0.00	31.55 -0.78 0.00	34.64 -0.82 0.00	36.83 -0.87 0.00	39.26 -0.88 0.00	43.22 -1.02 0.00	45.14 -1.20 0.00	44.69 -1.29 0.00	48.81 -1.25 0.00	54.17 -1.28 0.34	55.11 -0.95 0.01	54.51 -1.23 0.00	47.90 -0.98 0.00	43.50 -0.75 0.00	38.58 -0.71 0.00	36.94 -0.95 0.00
LOVETT___3 23632	31.39 1.75 0.00	25.99 1.77 -0.35	23.32 1.53 0.00	22.30 1.38 0.00	22.79 1.37 0.00	26.36 1.18 0.00	31.65 1.33 0.00	32.57 1.76 0.00	33.99 1.77 0.00	34.10 1.78 0.00	37.37 1.91 1.75	38.13 2.19 1.59	40.84 2.29 2.39	44.46 2.61 2.39	46.98 3.11 2.47	48.87 2.99 0.10	52.52 3.10 0.65	67.14 4.07 -7.27	60.68 4.37 -0.23	59.25 3.51 0.00	51.52 2.64 0.00	46.29 2.04 0.00	41.06 1.77 0.00	39.66 1.78 0.01
LOVETT___4 23642	31.39 1.75 0.00	25.99 1.77 -0.35	23.32 1.53 0.00	22.30 1.38 0.00	22.79 1.37 0.00	26.36 1.18 0.00	31.65 1.33 0.00	32.57 1.76 0.00	33.99 1.77 0.00	34.10 1.78 0.00	37.37 1.91 0.00	38.13 2.19 1.75	40.84 2.29 1.59	44.46 2.61 2.39	46.98 3.11 2.47	48.87 2.99 0.10	52.52 3.10 0.65	67.14 4.07 -7.27	60.68 4.37 -0.23	59.25 3.51 0.00	51.52 2.64 0.00	46.29 2.04 0.00	41.06 1.77 0.00	39.66 1.78 0.01
LOVETT___5 23593	31.39 1.75 0.00	25.99 1.77 -0.35	23.32 1.53 0.00	22.30 1.38 0.00	22.79 1.37 0.00	26.36 1.18 0.00	31.65 1.33 0.00	32.57 1.76 0.00	33.99 1.77 0.00	34.10 1.78 0.00	37.37 1.91 1.75	38.13 2.19 1.59	40.84 2.29 2.39	44.46 2.61 2.39	46.98 3.11 2.47	48.87 2.99 0.10	52.52 3.10 0.65	67.14 4.07 -7.27	60.68 4.37 -0.23	59.25 3.51 0.00	51.52 2.64 0.00	46.29 2.04 0.00	41.06 1.77 0.00	39.66 1.78 0.01
LOWER RAQUET___HYD 24057	28.55 -1.10 0.00	22.66 -1.22 0.00	20.71 -1.09 0.00	19.92 -1.00 0.00	20.48 -0.94 0.00	24.19 -0.98 0.00	29.50 -0.82 0.00	30.01 -0.80 0.00	31.35 -0.87 0.00	31.52 -0.81 0.00	34.60 -0.85 0.00	35.74 -1.02 0.94	37.93 -1.37 0.85	41.41 -1.55 1.28	43.40 -1.62 1.32	44.36 -1.56 0.05	48.16 -1.55 0.35	53.72 -1.84 0.23	54.10 -1.96 0.01	54.57 -1.17 0.00	47.90 -0.98 0.00	43.54 -0.71 0.00	38.82 -0.47 0.00	37.54 -0.34 0.00
LOWER___HUDSON 24059	31.18 1.54 0.00	28.79 1.51 -3.40	23.13 1.33 0.00	22.13 1.21 0.00	22.62 1.20 0.00	26.31 1.13 0.00	31.50 1.18 0.00	31.92 1.11 0.00	33.35 1.13 0.00	33.29 0.97 0.00	36.45 0.99 0.00	36.97 1.21 1.93	39.62 1.25 1.77	43.09 1.51 2.66	45.18 1.58 2.74	47.52 1.65 0.11	72.36 1.60 -20.70	58.72 2.51 -0.41	58.78 2.69 -0.01	57.86 2.12 0.00	50.74 1.86 0.00	45.80 1.55 0.00	40.63 1.34 0.00	39.32 1.44 0.01
LOWVILLE_115KV_TB2 356335	29.79 0.15 0.00	23.69 -0.05 0.14	21.80 0.00 0.00	20.96 0.04 0.00	21.57 0.15 0.00	25.25 0.08 0.00	30.20 -0.12 0.00	30.66 -0.15 0.00	32.16 -0.06 0.00	31.97 -0.36 0.00	35.21 -0.25 0.00	36.03 -0.19 1.48	38.64 -0.16 1.35	42.00 -0.22 2.02	44.12 -0.14 2.09	45.85 -0.05 0.08	50.16 0.65 0.55	56.47 1.06 0.38	57.86 1.79 0.01	57.52 1.78 0.00	50.59 1.71 0.00	45.85 1.59 0.00	40.55 1.26 0.00	38.83 0.95 0.01
LUTHERFT_115KV_GLOB_FND_222 355753	31.54 1.90 0.00	29.68 1.74 -4.06	23.34 1.55 0.00	22.30 1.38 0.00	22.81 1.39 0.00	26.56 1.38 0.00	31.86 1.55 0.00	32.30 1.48 0.00	33.77 1.55 0.00	33.68 1.36 0.00	36.69 1.24 0.00	37.18 1.43 1.95	39.96 1.61 1.79	43.51 1.95 2.68	45.75 2.18 2.77	48.03 2.16 0.11	60.99 2.30 -8.62	58.98 3.18 0.00	59.49 3.42 0.00	58.64 2.90 0.00	51.42 2.54 0.00	46.60 2.35 0.00	41.18 1.89 0.00	39.73 1.86 0.01

LUTHERNY_35_KV_BK2 355980	31.57 1.93 0.00	29.70 1.77 -4.06	23.34 1.55 0.00	22.32 1.40 0.00	22.81 1.39 0.00	26.56 1.38 0.00	31.86 1.55 0.00	32.33 1.51 0.00	33.77 1.55 0.00	33.68 1.36 0.00	36.69 1.24 0.00	37.22 1.47 1.95	40.00 1.65 1.79	43.55 1.99 2.68	45.80 2.22 2.77	48.07 2.21 0.11	61.04 2.35 -8.62	59.09 3.29 0.00	59.55 3.48 0.00	58.69 2.95 0.00	51.47 2.59 0.00	46.64 2.39 0.00	41.22 1.93 0.00	39.73 1.86 0.01
LWR___OSWEGATCHIE_HYD 23850	29.23 -0.42 0.00	23.19 -0.57 0.11	21.32 -0.48 0.00	20.50 -0.42 0.00	21.10 -0.32 0.00	24.77 -0.40 0.00	29.80 -0.52 0.00	30.29 -0.52 0.00	31.67 -0.55 0.00	31.61 -0.71 0.00	34.78 -0.67 0.00	35.86 -0.68 1.16	38.33 -0.76 1.05	41.74 -0.93 1.58	43.79 -0.93 1.63	45.08 -0.83 0.07	49.23 -0.40 0.43	55.20 -0.28 0.32	56.29 0.22 0.01	56.24 0.50 0.00	49.42 0.54 0.00	44.83 0.58 0.00	39.76 0.47 0.00	38.15 0.27 0.01
LYONS_FALL_HYD 23570	30.03 0.38 0.00	23.97 0.24 0.15	22.04 0.24 0.00	21.19 0.27 0.00	21.78 0.36 0.00	25.48 0.30 0.00	30.47 0.15 0.00	30.97 0.15 0.00	32.45 0.23 0.00	32.29 -0.03 0.00	35.49 0.04 0.00	36.10 0.11 1.71	38.79 0.20 1.56	42.08 0.18 2.34	44.25 0.33 2.42	46.25 0.37 0.10	50.33 0.90 0.64	56.56 1.17 0.41	57.91 1.85 0.01	57.47 1.73 0.00	50.49 1.61 0.00	45.76 1.51 0.00	40.47 1.18 0.00	38.79 0.91 0.01
MADISON___COUNTY_LFGE 323628	30.56 0.92 0.00	24.53 0.79 0.14	22.54 0.74 0.00	21.67 0.75 0.00	22.23 0.81 0.00	25.96 0.78 0.00	31.04 0.73 0.00	31.52 0.71 0.00	33.03 0.81 0.00	32.84 0.52 0.00	36.09 0.64 0.00	36.70 0.75 1.76	39.47 0.92 1.60	42.77 0.93 2.40	44.89 1.02 2.48	46.89 1.01 0.10	50.76 1.35 0.65	57.13 1.73 0.40	58.42 2.36 0.01	57.75 2.01 0.00	50.74 1.86 0.00	45.94 1.68 0.00	40.67 1.38 0.00	38.94 1.06 0.01
MALONE___115KV_TB1 356076	29.38 -0.27 0.00	23.42 -0.45 0.00	21.40 -0.39 0.00	20.61 -0.31 0.00	21.12 -0.30 0.00	25.13 -0.05 0.00	30.68 0.36 0.00	31.25 0.43 0.00	32.70 0.48 0.00	32.97 0.65 0.00	36.16 0.71 0.00	37.50 0.57 0.77	40.01 0.56 0.70	43.77 0.58 1.05	45.82 0.56 1.08	46.72 0.78 0.04	50.58 0.80 0.29	56.52 0.73 0.00	56.75 0.67 0.00	57.02 1.28 0.00	50.05 1.17 0.00	45.36 1.11 0.00	40.19 0.90 0.00	38.87 0.99 0.00
MAPLEWOD_115KV_TB3 80458	30.59 0.95 0.00	27.54 0.98 -2.68	22.67 0.87 0.00	21.69 0.77 0.00	22.17 0.75 0.00	25.78 0.60 0.00	30.86 0.55 0.00	31.37 0.55 0.00	33.03 0.81 0.00	33.00 0.68 0.00	36.16 0.71 0.00	36.42 0.64 1.92	39.03 0.64 1.76	42.49 0.88 2.64	44.50 0.88 2.73	46.74 0.87 0.11	38.72 0.55 11.90	57.36 1.56 0.00	57.81 1.74 0.00	56.97 1.23 0.00	49.91 1.03 0.00	45.09 0.84 0.00	39.96 0.67 0.00	38.52 0.64 0.01
MAPLE_RIDGE_WT_1 323574	29.29 -0.35 0.00	23.43 -0.31 0.14	21.49 -0.31 0.00	20.63 -0.29 0.00	21.14 -0.28 0.00	24.85 -0.33 0.00	29.98 -0.33 0.00	30.54 -0.28 0.00	32.03 -0.19 0.00	32.13 -0.19 0.00	35.24 -0.21 0.00	35.67 -0.26 1.77	38.26 -0.28 1.61	41.52 -0.31 2.41	43.53 -0.32 2.49	45.56 -0.32 0.10	49.11 -0.30 0.66	55.15 -0.28 0.37	55.95 -0.11 0.01	55.68 -0.06 0.00	48.88 0.00 0.00	44.25 0.00 0.00	39.29 0.00 0.00	37.88 0.00 0.01
MAPLE_RIDGE_WT_2 323611	29.29 -0.35 0.00	23.43 -0.31 0.14	21.49 -0.31 0.00	20.63 -0.29 0.00	21.14 -0.28 0.00	24.85 -0.33 0.00	29.98 -0.33 0.00	30.54 -0.28 0.00	32.03 -0.19 0.00	32.13 -0.19 0.00	35.24 -0.21 0.00	35.67 -0.26 1.77	38.26 -0.28 1.61	41.52 -0.31 2.41	43.53 -0.32 2.49	45.56 -0.32 0.10	49.11 -0.30 0.66	55.15 -0.28 0.37	55.95 -0.11 0.01	55.68 -0.06 0.00	48.88 0.00 0.00	44.25 0.00 0.00	39.29 0.00 0.00	37.88 0.00 0.01
MARBLE_RIVER_WT_PWR 323696	29.02 -0.62 0.00	23.16 -0.72 0.00	21.16 -0.63 0.00	20.36 -0.56 0.00	20.89 -0.53 0.00	24.85 -0.33 0.00	30.23 -0.09 0.00	30.79 -0.03 0.00	32.22 0.00 0.00	32.46 0.13 0.00	35.60 0.14 0.00	36.89 -0.04 0.77	39.33 -0.12 0.70	43.06 -0.13 1.05	45.08 -0.18 1.08	45.89 -0.05 0.04	49.78 0.00 0.29	55.74 -0.06 0.00	55.91 -0.17 0.00	56.18 0.44 0.00	49.27 0.39 0.00	44.70 0.44 0.00	39.64 0.35 0.00	38.34 0.46 0.00
MARSHVLE_115KV_TB1 80742	32.25 2.61 0.00	29.89 2.27 -3.75	23.82 2.03 0.00	22.80 1.88 0.00	23.35 1.93 0.00	27.24 2.06 0.00	32.44 2.12 0.00	32.54 1.73 0.00	33.90 1.68 0.00	33.75 1.42 0.00	37.01 1.56 0.00	37.32 1.58 1.96	40.24 1.89 1.79	43.99 2.43 2.69	46.53 2.97 2.78	48.95 3.08 0.11	53.56 3.45 -0.04	60.37 4.58 0.00	61.40 5.33 0.00	60.98 5.24 0.00	53.77 4.89 0.00	48.81 4.56 0.00	42.94 3.65 0.00	41.13 3.26 0.01
MARSH_HILL_WT_PWR 323713	29.11 -0.53 0.00	23.76 -0.12 0.00	21.73 -0.07 0.00	21.15 0.23 0.00	21.66 0.24 0.00	25.38 0.20 0.00	30.23 -0.09 0.00	30.54 -0.28 0.00	32.12 -0.10 0.00	32.00 -0.32 0.00	34.99 -0.46 0.00	35.26 -0.60 1.84	37.99 -0.48 1.67	40.76 -0.97 2.51	42.69 -1.06 2.59	44.22 -1.65 0.10	48.43 -0.95 0.68	54.59 -0.95 0.25	56.35 0.28 0.01	56.08 0.34 0.00	49.51 0.63 0.00	45.18 0.93 0.00	40.27 0.98 0.00	38.18 0.30 0.01
MCINTYRE_115KV_TB2 80467	29.64 0.00 0.00	23.45 -0.43 0.00	21.47 -0.33 0.00	20.65 -0.27 0.00	21.27 -0.15 0.00	25.33 0.15 0.00	30.83 0.52 0.00	31.31 0.49 0.00	32.58 0.35 0.00	32.71 0.39 0.00	35.88 0.43 0.00	37.09 0.26 0.88	39.59 0.24 0.80	43.31 0.27 1.19	45.43 0.32 1.23	46.43 0.51 0.05	50.24 0.50 0.33	56.19 0.39 0.00	56.52 0.45 0.00	57.30 1.56 0.00	50.35 1.47 0.00	45.71 1.46 0.00	40.59 1.30 0.00	39.28 1.40 0.00
MECO_____69_KV_BK1 80468	32.43 2.79 0.00	30.32 2.41 -4.03	23.95 2.16 0.00	22.87 1.95 0.00	23.41 1.99 0.00	27.32 2.14 0.00	32.71 2.40 0.00	33.00 2.19 0.00	34.41 2.19 0.00	34.23 1.91 0.00	37.51 2.06 0.00	37.88 2.15 1.96	40.88 2.53 1.80	44.65 3.10 2.69	47.13 3.57 2.78	49.54 3.68 0.11	54.41 4.26 -0.09	61.32 5.52 0.00	62.19 6.11 0.00	61.59 5.85 0.00	54.26 5.38 0.00	49.12 4.87 0.00	43.18 3.89 0.00	41.32 3.45 0.01
MENANDS___115KV_TB5 355628	30.41 0.77 0.00	27.28 0.84 -2.56	22.54 0.74 0.00	21.57 0.65 0.00	22.06 0.64 0.00	25.65 0.48 0.00	30.68 0.36 0.00	31.19 0.37 0.00	32.54 0.32 0.00	32.55 0.23 0.00	35.70 0.25 0.00	36.20 0.41 1.91	38.75 0.36 1.75	42.19 0.58 2.63	44.18 0.56 2.72	46.42 0.55 0.11	37.96 0.15 12.26	56.91 1.12 0.00	57.36 1.29 0.00	56.46 0.72 0.00	49.47 0.59 0.00	44.65 0.40 0.00	39.60 0.31 0.00	38.22 0.34 0.01
MG INDUSTRY___DRP 24185	30.41 0.77 0.00	26.21 0.79 -1.55	22.56 0.76 0.00	21.59 0.67 0.00	22.08 0.66 0.00	25.68 0.50 0.00	30.74 0.42 0.00	31.19 0.37 0.00	32.51 0.29 0.00	32.49 0.16 0.00	35.60 0.14 0.00	36.08 0.26 1.88	38.63 0.20 1.72	42.02 0.35 2.58	43.86 0.19 2.67	46.10 0.23 0.11	43.21 0.25 7.10	56.58 0.78 0.00	57.08 1.01 0.00	56.24 0.50 0.00	49.32 0.44 0.00	44.61 0.35 0.00	39.60 0.31 0.00	38.18 0.30 0.01

MID___OSWEGATCHIE_HYD 23849	29.23 -0.42 0.00	23.19 -0.57 0.11	21.32 -0.48 0.00	20.50 -0.42 0.00	21.10 -0.32 0.00	24.77 -0.40 0.00	29.80 -0.52 0.00	30.29 -0.52 0.00	31.67 -0.55 0.00	31.61 -0.71 0.00	34.78 -0.67 0.00	35.86 -0.68 1.16	38.33 -0.76 1.05	41.74 -0.93 1.58	43.79 -0.93 1.63	45.08 -0.83 0.07	49.23 -0.40 0.43	55.20 -0.28 0.32	56.29 0.22 0.01	56.24 0.50 0.00	49.42 0.54 0.00	44.83 0.58 0.00	39.76 0.47 0.00	38.15 0.27 0.01
MID___RAQUETTE_HYD 23851	28.55 -1.10 0.00	22.66 -1.22 0.00	20.71 -1.09 0.00	19.92 -1.00 0.00	20.48 -0.94 0.00	24.19 -0.98 0.00	29.50 -0.82 0.00	30.01 -0.80 0.00	31.35 -0.87 0.00	31.49 -0.84 0.00	34.60 -0.85 0.00	35.74 -1.02 0.94	37.93 -1.36 0.85	41.46 -1.50 1.28	43.44 -1.58 1.32	44.50 -1.43 0.05	48.16 -1.55 0.35	53.61 -1.95 0.23	54.05 -2.02 0.01	54.51 -1.23 0.00	47.90 -0.98 0.00	43.50 -0.75 0.00	38.82 -0.47 0.00	37.54 -0.34 0.00
MILLIKEN___1 23584	30.27 0.62 0.00	24.52 0.64 0.00	22.41 0.61 0.00	21.57 0.65 0.00	22.04 0.62 0.00	25.78 0.60 0.00	30.83 0.52 0.00	31.31 0.49 0.00	32.80 0.58 0.00	32.68 0.36 0.00	35.84 0.39 0.00	36.72 0.41 1.39	39.40 0.52 1.26	42.79 0.44 1.90	44.71 0.32 1.96	46.13 0.23 0.08	50.15 0.60 0.52	56.49 0.95 0.26	57.64 1.57 0.01	56.97 1.23 0.00	50.05 1.17 0.00	45.40 1.15 0.00	40.23 0.94 0.00	38.45 0.57 0.01
MILLIKEN___2 23585	30.27 0.62 0.00	24.52 0.64 0.00	22.41 0.61 0.00	21.57 0.65 0.00	22.04 0.62 0.00	25.78 0.60 0.00	30.83 0.52 0.00	31.31 0.49 0.00	32.80 0.58 0.00	32.68 0.36 0.00	35.84 0.39 0.00	36.72 0.41 1.39	39.40 0.52 1.26	42.79 0.44 1.90	44.71 0.32 1.96	46.13 0.23 0.08	50.15 0.60 0.52	56.49 0.95 0.26	57.64 1.57 0.01	56.97 1.23 0.00	50.05 1.17 0.00	45.40 1.15 0.00	40.23 0.94 0.00	38.45 0.57 0.01
MILLIKEN___DIESEL 23629	30.27 0.62 0.00	24.52 0.64 0.00	22.41 0.61 0.00	21.57 0.65 0.00	22.04 0.62 0.00	25.78 0.60 0.00	30.83 0.52 0.00	31.31 0.49 0.00	32.80 0.58 0.00	32.68 0.36 0.00	35.84 0.39 0.00	36.72 0.41 1.39	39.40 0.52 1.26	42.79 0.44 1.90	44.71 0.32 1.96	46.13 0.23 0.08	50.15 0.60 0.52	56.49 0.95 0.26	57.64 1.57 0.01	56.97 1.23 0.00	50.05 1.17 0.00	45.40 1.15 0.00	40.23 0.94 0.00	38.45 0.57 0.01
MILLSEAT___LFGE 323607	29.38 -0.27 0.00	24.07 0.19 0.00	21.93 0.13 0.00	21.34 0.42 0.00	21.72 0.30 0.00	25.30 0.13 0.00	29.92 -0.39 0.00	30.23 -0.59 0.00	31.90 -0.32 0.00	31.75 -0.58 0.00	34.71 -0.75 0.00	34.79 -0.91 2.00	37.48 -0.84 1.82	40.32 -1.19 2.73	42.32 -1.21 2.82	43.84 -2.02 0.11	47.92 -1.40 0.74	53.48 -2.01 0.31	55.11 -0.95 0.01	54.68 -1.06 0.00	48.24 -0.64 0.00	44.43 0.18 0.00	39.37 0.08 0.00	37.23 -0.64 0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.51 1.87 0.00	26.09 1.86 -0.35	23.41 1.61 0.00	22.39 1.46 0.00	22.88 1.46 0.00	26.46 1.28 0.00	31.77 1.46 0.00	32.70 1.88 0.00	34.15 1.93 0.00	34.27 1.94 0.00	37.55 2.09 0.00	38.35 2.41 1.77	41.07 2.53 1.60	44.71 2.88 2.40	47.24 3.38 2.48	49.14 3.26 0.10	52.86 3.45 0.66	67.78 4.46 -7.52	61.08 4.77 -0.24	59.59 3.85 0.00	51.81 2.93 0.00	46.56 2.30 0.00	41.26 1.96 0.00	39.85 1.97 0.01
MILLWOOD_13_KV_LOAD 356217	31.60 1.96 0.00	26.17 1.93 -0.35	23.45 1.66 0.00	22.45 1.53 0.00	22.94 1.52 0.00	26.54 1.36 0.00	31.86 1.55 0.00	32.79 1.97 0.00	34.25 2.03 0.00	34.36 2.04 0.00	37.69 2.23 0.00	38.46 2.53 1.77	41.27 2.73 1.60	44.89 3.05 2.40	47.47 3.61 2.48	49.46 3.59 0.10	53.21 3.80 0.66	68.22 4.91 -7.52	61.53 5.21 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.73 2.48 0.00	41.45 2.16 0.00	40.00 2.12 0.01
MODEL_CITY_ENERGY 24167	28.34 -1.30 0.00	23.38 -0.50 0.00	21.32 -0.48 0.00	20.75 -0.17 0.00	21.14 -0.28 0.00	24.57 -0.60 0.00	28.98 -1.33 0.00	29.12 -1.69 0.00	30.77 -1.45 0.00	30.68 -1.65 0.00	33.43 -2.02 0.00	33.38 -2.30 2.02	36.07 -2.25 1.83	38.71 -2.79 2.75	40.59 -2.92 2.84	42.09 -3.77 0.11	46.06 -3.25 0.75	51.53 -3.96 0.30	53.15 -2.92 0.01	52.67 -3.07 0.00	46.39 -2.49 0.00	42.75 -1.50 0.00	37.99 -1.30 0.00	36.02 -1.86 0.01
MODERN_LFGE___ 323580	28.34 -1.30 0.00	23.38 -0.50 0.00	21.32 -0.48 0.00	20.75 -0.17 0.00	21.14 -0.28 0.00	24.57 -0.60 0.00	28.98 -1.33 0.00	29.12 -1.69 0.00	30.77 -1.45 0.00	30.68 -1.65 0.00	33.43 -2.02 0.00	33.38 -2.30 2.02	36.07 -2.25 1.83	38.71 -2.79 2.75	40.59 -2.92 2.84	42.09 -3.77 0.11	46.06 -3.25 0.75	51.53 -3.96 0.30	53.15 -2.92 0.01	52.67 -3.07 0.00	46.39 -2.49 0.00	42.75 -1.50 0.00	37.99 -1.30 0.00	36.02 -1.86 0.01
MOHAWK_PAPER___DRP 24187	30.59 0.95 0.00	27.54 0.98 -2.68	22.67 0.87 0.00	21.69 0.77 0.00	22.17 0.75 0.00	25.78 0.60 0.00	30.86 0.55 0.00	31.37 0.55 0.00	33.03 0.81 0.00	33.00 0.68 0.00	36.16 0.71 0.00	36.42 0.64 1.92	39.03 0.64 1.76	42.49 0.88 2.64	44.50 0.88 2.73	46.74 0.87 0.11	38.72 0.55 11.90	57.36 1.56 0.00	57.81 1.74 0.00	56.97 1.23 0.00	49.91 1.03 0.00	45.09 0.84 0.00	39.96 0.67 0.00	38.52 0.64 0.01
MOHICAN___35_KV_115KV_LD 80490	31.98 2.34 0.00	30.05 2.08 -4.09	23.63 1.83 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.86 1.69 0.00	32.29 1.97 0.00	32.76 1.94 0.00	34.25 2.03 0.00	34.14 1.81 0.00	36.77 1.31 0.00	37.29 1.55 1.95	40.08 1.73 1.79	43.73 2.17 2.68	45.93 2.36 2.77	48.30 2.44 0.11	60.52 2.45 -8.00	59.31 3.52 0.00	59.66 3.59 0.00	58.81 3.07 0.00	51.67 2.79 0.00	47.00 2.74 0.00	41.37 2.08 0.00	39.88 2.01 0.01
MONGAUP___HYD 23641	31.18 1.54 0.00	25.75 1.55 -0.32	23.13 1.33 0.00	22.11 1.19 0.00	22.60 1.18 0.00	26.28 1.11 0.00	31.56 1.24 0.00	32.08 1.26 0.00	33.48 1.26 0.00	33.49 1.16 0.00	36.66 1.21 0.00	37.46 1.47 1.71	39.55 0.96 1.56	43.06 1.15 2.33	45.32 1.39 2.41	47.49 1.61 0.10	51.18 1.75 0.64	64.77 2.57 -6.41	59.13 2.86 -0.20	57.97 2.23 0.00	50.74 1.86 0.00	45.49 1.24 0.00	40.31 1.02 0.00	39.39 1.52 0.01
MONTAUK___DIESEL 23721	32.02 2.37 -0.01	26.75 2.51 -0.36	23.80 2.01 0.00	22.72 1.80 0.00	23.16 1.74 0.00	26.66 1.49 0.00	32.45 2.12 -0.01	33.94 3.11 -0.01	35.07 2.84 -0.01	35.12 2.78 -0.01	40.12 2.87 -1.79	41.59 3.32 -0.58	43.25 3.41 0.31	46.26 3.63 1.61	45.16 3.94 5.12	46.97 3.68 2.68	59.12 3.85 -5.20	70.71 5.30 -9.62	65.20 5.83 -3.30	66.96 5.07 -6.15	53.95 3.67 -1.41	52.37 2.92 -5.20	42.92 2.48 -1.16	42.22 3.18 -1.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.90 -0.74 0.00	23.85 -0.02 0.00	21.73 -0.07 0.00	21.28 0.36 0.00	21.74 0.32 0.00	25.35 0.18 0.00	30.26 -0.06 0.00	30.60 -0.22 0.00	32.54 0.32 0.00	32.52 0.19 0.00	35.45 0.00 0.00	35.59 -0.11 1.99	38.41 0.08 1.81	41.21 -0.31 2.72	42.19 -1.34 2.81	44.30 -1.56 0.11	48.72 -0.60 0.74	54.84 -0.67 0.28	56.35 0.28 0.01	55.80 0.06 0.00	49.08 0.20 0.00	44.96 0.71 0.00	39.96 0.67 0.00	37.80 -0.08 0.01

MORRIS_RIDGE___SOLAR 323848	28.81 -0.83 0.00	23.62 -0.26 0.00	21.58 -0.22 0.00	21.00 0.08 0.00	21.51 0.09 0.00	25.10 -0.08 0.00	29.80 -0.52 0.00	29.95 -0.86 0.00	31.48 -0.74 0.00	31.39 -0.94 0.00	34.25 -1.21 0.00	34.39 -1.39 1.91	37.12 -1.29 1.74	39.86 -1.77 2.61	41.79 -1.86 2.70	43.39 -2.48 0.11	47.45 -1.90 0.71	53.42 -2.12 0.26	55.06 -1.01 0.01	54.91 -0.83 0.00	48.49 -0.39 0.00	44.34 0.09 0.00	39.45 0.16 0.00	37.46 -0.42 0.01
MORTIMER_115KV_TB3 55949	29.38 -0.27 0.00	23.90 0.02 0.00	21.82 0.02 0.00	21.11 0.19 0.00	21.51 0.09 0.00	25.10 -0.08 0.00	29.83 -0.49 0.00	30.14 -0.68 0.00	31.77 -0.45 0.00	31.71 -0.61 0.00	34.75 -0.71 0.00	34.93 -0.79 1.97	37.55 -0.80 1.79	40.40 -1.15 2.69	41.94 -1.62 2.78	44.12 -1.75 0.11	47.98 -1.35 0.73	53.85 -1.62 0.33	55.11 -0.95 0.01	54.57 -1.17 0.00	48.00 -0.88 0.00	43.94 -0.31 0.00	38.98 -0.31 0.00	37.12 -0.76 0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.81 2.16 0.00	26.31 2.08 -0.36	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.61 1.44 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.48 2.26 0.00	34.62 2.30 0.00	37.94 2.48 0.00	38.80 2.87 1.77	41.55 3.01 1.61	45.20 3.36 2.41	47.76 3.89 2.48	49.60 3.72 0.10	53.26 3.85 0.66	68.29 4.91 -7.58	61.58 5.27 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.65 2.36 0.00	40.19 2.31 0.01
MUNSVILLE_WIND_PWR 323609	31.54 1.90 0.00	25.53 1.53 -0.12	23.30 1.50 0.00	22.53 1.61 0.00	23.22 1.80 0.00	27.21 2.04 0.00	32.44 2.12 0.00	33.04 2.22 0.00	34.57 2.35 0.00	34.10 1.78 0.00	37.33 1.88 0.00	38.05 2.15 1.80	41.04 2.53 1.63	44.40 2.61 2.45	46.64 2.83 2.53	48.77 2.90 0.10	52.95 3.55 0.67	60.09 4.30 0.00	61.57 5.50 0.00	61.09 5.35 0.00	53.72 4.84 0.00	48.64 4.38 0.00	42.98 3.69 0.00	40.98 3.11 0.01
N SALMON___HYD 24042	29.38 -0.27 0.00	23.42 -0.45 0.00	21.40 -0.39 0.00	20.61 -0.31 0.00	21.12 -0.30 0.00	25.13 -0.05 0.00	30.68 0.37 0.00	31.25 0.43 0.00	32.70 0.48 0.00	32.97 0.65 0.00	36.16 0.71 0.00	37.46 0.53 0.77	39.97 0.52 0.70	43.77 0.57 1.05	45.82 0.56 1.08	46.67 0.73 0.04	50.58 0.80 0.29	56.58 0.78 0.00	56.80 0.73 0.00	57.08 1.34 0.00	50.05 1.17 0.00	45.45 1.20 0.00	40.19 0.90 0.00	38.87 0.98 0.00
N.AKRON__115KV_KNAPP 355671	29.29 -0.36 0.00	24.00 0.12 0.00	21.88 0.09 0.00	21.30 0.38 0.00	21.68 0.26 0.00	25.25 0.08 0.00	29.83 -0.49 0.00	30.05 -0.77 0.00	31.80 -0.42 0.00	31.65 -0.68 0.00	34.53 -0.92 0.00	34.64 -1.06 2.00	37.32 -1.00 1.82	40.00 -1.50 2.73	41.20 -2.32 2.82	43.38 -2.48 0.11	47.57 -1.75 0.75	53.37 -2.12 0.31	55.00 -1.07 0.01	54.46 -1.28 0.00	48.00 -0.88 0.00	44.12 -0.13 0.00	39.21 -0.08 0.00	37.12 -0.76 0.01
N.E_GEN_SANDY PD 24062	31.75 2.10 0.00	29.40 2.10 -3.42	27.30 1.83 -3.67	25.64 1.69 -3.03	27.00 1.69 -3.89	26.79 1.61 0.00	33.00 1.76 -0.93	40.50 1.72 -7.96	37.12 1.77 -3.13	33.94 1.62 0.00	37.23 1.77 0.00	37.97 2.11 1.84	40.64 2.17 1.67	44.21 2.48 2.51	46.39 2.64 2.59	48.63 2.76 0.10	56.67 2.90 -3.70	76.00 3.90 -16.30	80.10 4.21 -19.82	74.40 3.40 -15.26	68.42 2.74 -16.80	58.09 2.17 -11.67	49.00 2.00 -7.71	40.15 2.27 0.01
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.42 1.78 0.00	26.01 1.79 -0.34	23.32 1.53 0.00	22.32 1.40 0.00	22.79 1.37 0.00	26.38 1.21 0.00	31.68 1.36 0.00	32.57 1.76 0.00	34.03 1.80 0.00	34.14 1.81 0.00	37.40 1.95 0.00	38.17 2.22 1.75	40.92 2.37 1.59	44.55 2.70 2.39	47.03 3.15 2.47	48.96 3.08 0.10	52.67 3.25 0.65	67.26 4.24 -7.22	60.84 4.54 -0.23	59.36 3.62 0.00	51.62 2.74 0.00	46.38 2.12 0.00	41.10 1.81 0.00	39.70 1.82 0.01
N.QUEENS_27_KV_LOAD 356247	32.08 2.43 -0.01	26.51 2.27 -0.36	23.81 2.01 -0.01	22.77 1.84 -0.01	23.27 1.84 -0.01	26.74 1.56 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.44 2.22 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.15 3.32 2.41	47.76 3.89 2.48	49.51 3.63 0.10	52.96 3.55 0.66	68.01 4.63 -7.58	61.30 4.99 -0.23	59.75 4.01 0.01	51.85 2.98 0.01	47.26 3.01 0.00	41.97 2.67 -0.01	40.54 2.65 0.00
N.TROY___115KV_TB1 355778	31.18 1.54 0.00	28.79 1.50 -3.40	23.12 1.33 0.00	22.13 1.21 0.00	22.62 1.20 0.00	26.31 1.13 0.00	31.50 1.18 0.00	31.93 1.11 0.00	33.35 1.13 0.00	33.26 0.94 0.00	36.45 0.99 0.00	36.97 1.21 1.93	39.62 1.24 1.77	43.13 1.55 2.66	45.31 1.71 2.74	47.52 1.66 0.11	72.36 1.60 -20.70	58.77 2.57 -0.41	58.83 2.75 -0.01	57.91 2.17 0.00	50.74 1.86 0.00	45.85 1.59 0.00	40.63 1.34 0.00	39.32 1.44 0.01
NARROWS_GT1_1 24228	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT1_2 24229	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT1_3 24230	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT1_4 24231	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT1_5 24232	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01

NARROWS_GT1_6 24233	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT1_7 24234	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT1_8 24235	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT2_1 24236	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT2_2 24237	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT2_3 24238	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT2_4 24239	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT2_5 24240	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT2_6 24241	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT2_7 24242	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NARROWS_GT2_8 24243	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.92 1.27 0.00	26.22 0.86 -1.48	22.89 1.09 0.00	21.86 0.94 0.00	22.34 0.92 0.00	26.08 0.91 0.00	31.26 0.94 0.00	31.65 0.83 0.00	32.96 0.74 0.00	32.88 0.55 0.00	35.99 0.53 0.00	36.52 0.68 1.86	39.13 0.68 1.70	42.66 0.97 2.55	44.59 0.88 2.64	46.84 0.97 0.11	44.83 1.85 7.09	60.08 3.01 -1.27	59.37 3.25 -0.04	57.58 1.84 0.00	50.64 1.76 0.00	45.63 1.37 0.00	40.31 1.02 0.00	38.90 1.02 0.01
NCHELSEA_115KV_TR2 355582	31.57 1.93 0.00	26.19 1.93 -0.38	23.43 1.63 0.00	22.41 1.49 0.00	22.88 1.46 0.00	26.56 1.38 0.00	31.89 1.58 0.00	32.70 1.88 0.00	34.15 1.93 0.00	34.23 1.91 0.00	37.51 2.06 0.00	38.31 2.38 1.76	41.11 2.57 1.60	44.76 2.92 2.40	47.38 3.52 2.48	49.37 3.49 0.10	53.11 3.70 0.66	67.89 4.80 -7.30	61.35 5.05 -0.23	59.98 4.24 0.00	52.30 3.42 0.00	46.82 2.57 0.00	41.45 2.16 0.00	40.04 2.16 0.01
NEG CAPITAL___MECHNVIL 23645	31.60 1.96 0.00	29.56 1.79 -3.89	23.39 1.59 0.00	22.34 1.42 0.00	22.86 1.44 0.00	26.61 1.43 0.00	31.92 1.61 0.00	32.36 1.54 0.00	33.83 1.61 0.00	33.75 1.42 0.00	36.84 1.38 0.00	37.37 1.62 1.95	40.17 1.81 1.78	43.73 2.17 2.68	45.85 2.27 2.76	48.30 2.44 0.11	64.64 2.50 -12.07	59.26 3.46 0.00	59.72 3.64 0.00	58.86 3.12 0.00	51.66 2.78 0.00	46.73 2.48 0.00	41.29 2.00 0.00	39.88 2.01 0.01
NEG CENTRAL_HIGH_ACRES 23767	28.93 -0.71 0.00	23.47 -0.41 0.00	21.42 -0.37 0.00	20.71 -0.21 0.00	21.10 -0.32 0.00	24.65 -0.53 0.00	29.35 -0.97 0.00	29.77 -1.05 0.00	31.32 -0.90 0.00	31.26 -1.07 0.00	34.28 -1.17 0.00	34.58 -1.28 1.84	37.15 -1.32 1.67	40.14 -1.59 2.51	42.13 -1.62 2.59	43.81 -2.07 0.10	47.53 -1.85 0.68	53.18 -2.29 0.33	54.33 -1.74 0.01	53.79 -1.95 0.00	47.36 -1.52 0.00	43.28 -0.97 0.00	38.39 -0.90 0.00	36.51 -1.36 0.01

NEG CENTRAL___DRP 24199	29.97 0.33 0.00	24.28 0.41 0.00	22.21 0.41 0.00	21.44 0.52 0.00	21.89 0.47 0.00	25.63 0.45 0.00	30.65 0.33 0.00	31.12 0.31 0.00	32.67 0.45 0.00	32.58 0.26 0.00	35.70 0.25 0.00	37.24 0.26 0.73	39.85 0.36 0.66	43.25 0.00 0.99	45.09 -0.23 1.02	45.57 -0.37 0.04	49.89 0.10 0.27	55.83 0.33 0.30	57.07 1.01 0.01	56.41 0.67 0.00	49.56 0.68 0.00	45.01 0.75 0.00	40.04 0.75 0.00	38.19 0.30 0.00
NEG CENTRAL___INDECK 23768	30.12 0.47 0.00	24.45 0.57 0.00	22.34 0.55 0.00	21.70 0.77 0.00	22.13 0.71 0.00	25.91 0.73 0.00	30.71 0.39 0.00	31.00 0.19 0.00	32.42 0.19 0.00	32.17 -0.16 0.00	35.17 -0.28 0.00	35.35 -0.45 1.90	38.10 -0.32 1.72	39.62 -2.03 2.58	41.59 -2.08 2.67	43.48 -2.39 0.11	47.46 -1.90 0.70	53.28 -2.23 0.28	54.89 -1.18 0.01	54.79 -0.95 0.00	48.59 -0.29 0.00	44.52 0.27 0.00	40.70 1.41 0.00	38.52 0.64 0.01
NEG CENTRAL___SENECA 23627	30.21 0.56 0.00	24.52 0.64 0.00	22.43 0.63 0.00	21.69 0.77 0.00	22.15 0.73 0.00	25.93 0.76 0.00	30.98 0.67 0.00	31.46 0.65 0.00	33.06 0.84 0.00	32.91 0.58 0.00	36.06 0.60 0.00	37.30 0.64 1.04	39.96 0.76 0.95	43.04 0.22 1.42	44.83 -0.05 1.47	45.69 -0.23 0.06	50.08 0.40 0.39	56.30 0.78 0.28	57.75 1.68 0.01	57.08 1.34 0.00	50.15 1.27 0.00	45.54 1.28 0.00	40.63 1.34 0.00	38.68 0.80 0.01
NEG CENTRAL___STATE_STREET 24147	29.85 0.21 0.00	24.17 0.29 0.00	22.08 0.28 0.00	21.28 0.36 0.00	21.70 0.28 0.00	25.43 0.25 0.00	30.44 0.12 0.00	30.88 0.06 0.00	32.41 0.19 0.00	32.36 0.03 0.00	35.53 0.07 0.00	37.15 0.08 0.63	39.74 0.16 0.57	43.34 -0.04 0.85	45.28 -0.19 0.88	45.67 -0.28 0.04	49.83 0.00 0.23	55.65 0.17 0.31	56.68 0.62 0.01	56.07 0.33 0.00	49.27 0.39 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.85 -0.04 0.00
NEG MILLWOOD___DRP 24198	31.72 2.08 0.00	26.26 2.01 -0.37	23.50 1.70 0.00	22.51 1.59 0.00	23.01 1.59 0.00	26.66 1.49 0.00	32.02 1.70 0.00	32.88 2.06 0.00	34.38 2.16 0.00	34.43 2.10 0.00	37.79 2.34 0.00	38.57 2.64 1.77	41.47 2.93 1.61	45.15 3.32 2.41	47.88 4.03 2.49	49.97 4.09 0.10	53.81 4.41 0.66	68.97 5.64 -7.54	62.31 6.00 -0.24	60.81 5.07 0.00	52.79 3.91 0.00	47.17 2.92 0.00	41.73 2.44 0.00	40.26 2.39 0.01
NEG NORTH_FLCN_SEA 23793	29.29 -0.36 0.00	23.38 -0.50 0.00	21.36 -0.44 0.00	20.54 -0.38 0.00	21.08 -0.34 0.00	25.08 -0.10 0.00	30.53 0.21 0.00	31.09 0.28 0.00	32.58 0.35 0.00	32.81 0.48 0.00	35.99 0.53 0.00	37.31 0.38 0.77	39.77 0.32 0.70	43.55 0.35 1.05	45.59 0.32 1.08	46.44 0.51 0.04	50.28 0.50 0.29	56.24 0.45 0.00	56.41 0.34 0.00	56.74 1.00 0.00	49.81 0.93 0.00	45.14 0.89 0.00	40.04 0.75 0.00	38.72 0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	29.08 -0.56 0.00	23.19 -0.69 0.00	21.21 -0.59 0.00	20.38 -0.54 0.00	20.93 -0.49 0.00	24.87 -0.30 0.00	30.29 -0.03 0.00	30.82 0.00 0.00	32.25 0.03 0.00	32.49 0.16 0.00	35.60 0.14 0.00	36.93 0.00 0.77	39.37 -0.08 0.70	43.06 -0.13 1.05	45.12 -0.14 1.08	46.03 0.09 0.04	49.83 0.05 0.29	55.74 -0.06 0.00	55.91 -0.17 0.00	56.24 0.50 0.00	49.37 0.49 0.00	44.74 0.49 0.00	39.68 0.39 0.00	38.41 0.53 0.00
NEG NORTH___ALICE_FALLS 23915	29.47 -0.18 0.00	23.50 -0.38 0.00	21.49 -0.31 0.00	20.67 -0.25 0.00	21.19 -0.24 0.00	25.20 0.03 0.00	30.77 0.45 0.00	31.34 0.52 0.00	32.80 0.58 0.00	33.07 0.74 0.00	36.23 0.78 0.00	37.65 0.72 0.77	40.13 0.68 0.70	43.86 0.66 1.05	45.91 0.65 1.08	46.81 0.87 0.04	50.73 0.95 0.29	56.74 0.95 0.00	57.03 0.95 0.00	57.30 1.56 0.00	50.25 1.37 0.00	45.54 1.28 0.00	40.35 1.06 0.00	39.06 1.17 0.00
NEG NORTH___LWR_SARANAC 23913	29.47 -0.18 0.00	23.50 -0.38 0.00	21.49 -0.31 0.00	20.67 -0.25 0.00	21.19 -0.24 0.00	25.20 0.03 0.00	30.77 0.45 0.00	31.34 0.52 0.00	32.80 0.58 0.00	33.07 0.74 0.00	36.23 0.78 0.00	37.65 0.72 0.77	40.13 0.68 0.70	43.86 0.66 1.05	45.91 0.65 1.08	46.81 0.87 0.04	50.73 0.95 0.29	56.74 0.95 0.00	57.03 0.95 0.00	57.30 1.56 0.00	50.25 1.37 0.00	45.54 1.28 0.00	40.35 1.06 0.00	39.06 1.17 0.00
NEG NORTH___PLATTSBURG 23628	29.47 -0.18 0.00	23.50 -0.38 0.00	21.49 -0.31 0.00	20.67 -0.25 0.00	21.19 -0.24 0.00	25.20 0.03 0.00	30.77 0.46 0.00	31.34 0.52 0.00	32.80 0.58 0.00	33.07 0.74 0.00	36.23 0.78 0.00	37.57 0.64 0.77	40.13 0.68 0.70	43.86 0.66 1.05	45.86 0.60 1.08	46.76 0.83 0.04	50.73 0.95 0.29	56.80 1.01 0.00	57.08 1.01 0.00	57.30 1.56 0.00	50.25 1.37 0.00	45.63 1.37 0.00	40.35 1.06 0.00	39.06 1.18 0.00
NEG WEST_LEA_LOCKPORT 23791	28.55 -1.10 0.00	23.54 -0.33 0.00	21.47 -0.33 0.00	20.90 -0.02 0.00	21.29 -0.13 0.00	24.75 -0.43 0.00	29.23 -1.09 0.00	29.31 -1.51 0.00	31.06 -1.16 0.00	30.94 -1.39 0.00	33.68 -1.77 0.00	33.73 -1.96 2.01	36.39 -1.93 1.83	38.93 -2.57 2.74	40.03 -3.48 2.83	42.23 -3.63 0.11	46.36 -2.95 0.75	52.09 -3.40 0.30	53.71 -2.36 0.01	53.18 -2.56 0.00	46.78 -2.10 0.00	43.01 -1.24 0.00	38.31 -0.98 0.00	36.32 -1.55 0.01
NEG WEST___LANCASTR 23811	28.66 -0.98 0.00	23.62 -0.26 0.00	21.51 -0.28 0.00	20.94 0.02 0.00	21.36 -0.06 0.00	24.82 -0.35 0.00	29.47 -0.85 0.00	29.71 -1.11 0.00	31.48 -0.74 0.00	31.45 -0.87 0.00	34.25 -1.21 0.00	34.38 -1.32 2.00	37.12 -1.20 1.82	39.79 -1.73 2.72	40.89 -2.64 2.81	43.06 -2.80 0.11	47.22 -2.10 0.74	53.23 -2.29 0.28	54.78 -1.29 0.01	54.18 -1.56 0.00	47.61 -1.27 0.00	43.55 -0.71 0.00	38.74 -0.55 0.00	36.66 -1.21 0.01
NEG_PENN_ALLEGHNY 23528	29.94 0.30 0.00	24.33 0.45 0.00	22.23 0.44 0.00	21.42 0.50 0.00	21.87 0.45 0.00	25.50 0.33 0.00	30.50 0.18 0.00	31.00 0.19 0.00	32.51 0.29 0.00	32.49 0.16 0.00	35.60 0.14 0.00	35.91 0.15 1.94	38.62 0.24 1.76	41.78 0.18 2.64	43.80 0.19 2.73	45.82 -0.05 0.11	49.54 0.20 0.72	56.08 0.28 0.00	56.97 0.89 0.00	56.30 0.56 0.00	49.42 0.54 0.00	44.83 0.57 0.00	39.76 0.47 0.00	38.03 0.15 0.01
NEG___GEN_MONROE 24207	29.64 0.00 0.00	24.12 0.24 0.00	21.99 0.20 0.00	21.30 0.38 0.00	21.66 0.24 0.00	25.30 0.13 0.00	30.01 -0.30 0.00	30.29 -0.52 0.00	31.90 -0.32 0.00	31.81 -0.52 0.00	34.82 -0.64 0.00	35.01 -0.72 1.98	37.63 -0.72 1.80	40.44 -1.11 2.69	41.94 -1.62 2.78	44.07 -1.79 0.11	47.98 -1.35 0.73	53.91 -1.56 0.32	55.34 -0.73 0.01	54.79 -0.95 0.00	48.29 -0.59 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.38 -0.49 0.01
NEPA___ENERGY 23901	29.02 -0.62 0.00	23.90 0.02 0.00	21.82 0.02 0.00	21.23 0.31 0.00	21.66 0.24 0.00	25.18 0.00 0.00	29.86 -0.45 0.00	30.11 -0.71 0.00	31.87 -0.35 0.00	31.84 -0.48 0.00	34.67 -0.78 0.00	34.79 -0.90 2.00	37.56 -0.76 1.82	40.27 -1.24 2.73	41.44 -2.09 2.82	43.61 -2.25 0.11	47.82 -1.50 0.74	53.90 -1.62 0.28	55.56 -0.50 0.01	54.96 -0.78 0.00	48.29 -0.59 0.00	44.17 -0.09 0.00	39.21 -0.08 0.00	37.23 -0.64 0.01

NEVERSINK___HYD 23608	31.54 1.90 0.00	26.11 1.84 -0.39	23.34 1.55 0.00	22.32 1.40 0.00	22.83 1.41 0.00	26.56 1.38 0.00	31.89 1.58 0.00	32.67 1.85 0.00	34.15 1.93 0.00	34.17 1.84 0.00	37.40 1.95 0.00	38.34 2.34 1.70	41.14 2.53 1.54	44.81 2.87 2.31	47.25 3.29 2.39	49.42 3.54 0.10	53.24 3.80 0.63	65.97 4.80 -5.38	61.40 5.16 -0.17	60.31 4.57 0.00	52.74 3.86 0.00	47.26 3.01 0.00	41.84 2.55 0.00	40.27 2.39 0.01
NEWKRMKL_115KV_TB1 55635	30.30 0.65 0.00	27.06 0.72 -2.46	22.45 0.65 0.00	21.49 0.56 0.00	21.96 0.54 0.00	25.53 0.35 0.00	30.56 0.24 0.00	31.09 0.28 0.00	32.41 0.19 0.00	32.42 0.10 0.00	35.60 0.14 0.00	36.09 0.30 1.91	38.60 0.20 1.75	41.98 0.35 2.62	43.96 0.32 2.71	46.19 0.32 0.11	40.04 0.15 10.18	56.74 0.95 0.00	57.14 1.07 0.00	56.24 0.50 0.00	49.32 0.44 0.00	44.52 0.27 0.00	39.45 0.16 0.00	38.07 0.19 0.01
NEWTON___FALLS_HYD 23847	29.23 -0.42 0.00	23.19 -0.57 0.11	21.32 -0.48 0.00	20.50 -0.42 0.00	21.10 -0.32 0.00	24.77 -0.40 0.00	29.80 -0.52 0.00	30.29 -0.52 0.00	31.67 -0.55 0.00	31.61 -0.71 0.00	34.78 -0.67 0.00	35.86 -0.68 1.16	38.33 -0.76 1.05	41.74 -0.93 1.58	43.79 -0.93 1.63	45.08 -0.83 0.07	49.23 -0.40 0.43	55.20 -0.28 0.32	56.29 0.22 0.01	56.24 0.50 0.00	49.42 0.54 0.00	44.83 0.58 0.00	39.76 0.47 0.00	38.15 0.27 0.01
NGRID_A1_DSASP 323792	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.69 -2.13 0.00	30.32 -1.90 0.00	30.23 -2.10 0.00	32.90 -2.55 0.00	32.84 -2.83 2.03	35.49 -2.81 1.84	38.07 -3.41 2.77	39.92 -3.57 2.86	41.45 -4.41 0.11	45.30 -4.01 0.75	50.70 -4.80 0.30	52.25 -3.81 0.01	51.78 -3.96 0.00	45.61 -3.27 0.00	42.04 -2.21 0.00	37.37 -1.92 0.00	35.49 -2.39 0.01
NGRID_A2_DSASP 323793	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.69 -2.13 0.00	30.32 -1.90 0.00	30.23 -2.10 0.00	32.90 -2.55 0.00	32.84 -2.83 2.03	35.49 -2.81 1.84	38.07 -3.41 2.77	39.92 -3.57 2.86	41.45 -4.41 0.11	45.30 -4.01 0.75	50.70 -4.80 0.30	52.25 -3.81 0.01	51.78 -3.96 0.00	45.61 -3.27 0.00	42.04 -2.21 0.00	37.37 -1.92 0.00	35.49 -2.39 0.01
NGRID_A4_DSASP 323807	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.69 -2.13 0.00	30.32 -1.90 0.00	30.23 -2.10 0.00	32.90 -2.55 0.00	32.84 -2.83 2.03	35.49 -2.81 1.84	38.07 -3.41 2.77	39.92 -3.57 2.86	41.45 -4.41 0.11	45.30 -4.01 0.75	50.70 -4.80 0.30	52.25 -3.81 0.01	51.78 -3.96 0.00	45.61 -3.27 0.00	42.04 -2.21 0.00	37.37 -1.92 0.00	35.49 -2.39 0.01
NIAGARA_115E_LBMP 323715	28.19 -1.45 0.00	23.28 -0.60 0.00	21.23 -0.57 0.00	20.67 -0.25 0.00	21.04 -0.38 0.00	24.45 -0.73 0.00	28.86 -1.45 0.00	28.97 -1.85 0.00	30.61 -1.61 0.00	30.52 -1.81 0.00	33.22 -2.23 0.00	33.19 -2.49 2.02	35.86 -2.45 1.84	38.44 -3.05 2.75	40.35 -3.15 2.84	41.86 -4.00 0.11	45.81 -3.51 0.75	51.25 -4.24 0.30	52.81 -3.25 0.01	52.34 -3.40 0.00	46.14 -2.74 0.00	42.53 -1.73 0.00	37.76 -1.53 0.00	35.83 -2.05 0.01
NIAGARA_115W_LBMP 323714	27.87 -1.78 0.00	23.00 -0.88 0.00	20.99 -0.81 0.00	20.40 -0.52 0.00	20.78 -0.64 0.00	24.14 -1.03 0.00	28.53 -1.79 0.00	28.60 -2.22 0.00	30.22 -2.00 0.00	30.13 -2.20 0.00	32.83 -2.62 0.00	32.73 -2.94 2.03	35.37 -2.93 1.84	37.93 -3.54 2.77	39.78 -3.71 2.86	41.31 -4.55 0.11	45.15 -4.15 0.75	50.53 -4.97 0.30	52.08 -3.98 0.01	51.67 -4.07 0.00	45.51 -3.37 0.00	41.95 -2.30 0.00	37.29 -2.00 0.00	35.37 -2.50 0.01
NIAGARA_230_LBMP 323716	28.31 -1.33 0.00	23.33 -0.55 0.00	21.29 -0.50 0.00	20.69 -0.23 0.00	21.08 -0.34 0.00	24.50 -0.68 0.00	28.95 -1.36 0.00	29.06 -1.76 0.00	30.71 -1.51 0.00	30.61 -1.71 0.00	33.33 -2.13 0.00	33.29 -2.37 2.04	35.96 -2.33 1.85	38.59 -2.88 2.78	40.46 -3.01 2.87	42.00 -3.86 0.11	45.90 -3.41 0.76	51.42 -4.07 0.30	52.98 -3.08 0.01	52.51 -3.23 0.00	46.24 -2.64 0.00	42.57 -1.68 0.00	37.84 -1.45 0.00	35.94 -1.93 0.01
NIAGARA___115KV_198_GIBSON 55903	27.86 -1.78 0.00	23.00 -0.88 0.00	20.99 -0.81 0.00	20.40 -0.52 0.00	20.78 -0.64 0.00	24.14 -1.03 0.00	28.53 -1.79 0.00	28.54 -2.28 0.00	30.22 -2.00 0.00	30.13 -2.20 0.00	32.76 -2.69 0.00	32.73 -2.94 2.03	35.37 -2.93 1.84	37.76 -3.72 2.77	38.76 -4.73 2.86	41.03 -4.83 0.11	45.00 -4.31 0.75	50.59 -4.91 0.30	52.14 -3.93 0.01	51.62 -4.12 0.00	45.41 -3.47 0.00	41.82 -2.43 0.00	37.25 -2.04 0.00	35.34 -2.54 0.01
NIAGARA____ 23760	28.31 -1.33 0.00	23.33 -0.55 0.00	21.29 -0.50 0.00	20.69 -0.23 0.00	21.08 -0.34 0.00	24.50 -0.68 0.00	28.95 -1.36 0.00	29.06 -1.76 0.00	30.71 -1.51 0.00	30.61 -1.71 0.00	33.33 -2.13 0.00	33.29 -2.37 2.03	35.97 -2.33 1.85	38.60 -2.88 2.77	40.47 -3.01 2.86	42.00 -3.86 0.11	45.90 -3.41 0.76	51.42 -4.07 0.30	52.98 -3.08 0.01	52.51 -3.23 0.00	46.24 -2.64 0.00	42.57 -1.68 0.00	37.84 -1.45 0.00	35.94 -1.93 0.01
NINE_MILE_1 23575	28.99 -0.65 0.00	23.35 -0.41 0.12	21.42 -0.37 0.00	20.61 -0.31 0.00	21.06 -0.36 0.00	24.62 -0.55 0.00	29.50 -0.82 0.00	29.89 -0.92 0.00	31.29 -0.94 0.00	31.29 -1.04 0.00	34.32 -1.14 0.00	29.96 -1.21 6.53	32.96 -1.24 5.94	33.92 -1.42 8.91	35.66 -1.48 9.20	44.00 -1.61 0.37	45.98 -1.65 2.43	53.66 -1.79 0.35	54.55 -1.51 0.01	54.01 -1.73 0.00	47.46 -1.42 0.00	43.06 -1.19 0.00	38.19 -1.10 0.00	36.60 -1.25 0.04
NINE_MILE_2 23744	28.99 -0.65 0.00	23.35 -0.41 0.12	21.42 -0.37 0.00	20.61 -0.31 0.00	21.06 -0.36 0.00	24.62 -0.55 0.00	29.50 -0.82 0.00	29.89 -0.92 0.00	31.29 -0.94 0.00	31.29 -1.04 0.00	34.32 -1.14 0.00	29.89 -1.21 6.60	32.90 -1.24 6.00	33.83 -1.42 9.00	35.56 -1.48 9.30	43.99 -1.61 0.37	45.96 -1.65 2.45	53.66 -1.79 0.35	54.55 -1.51 0.01	54.01 -1.73 0.00	47.46 -1.42 0.00	43.06 -1.19 0.00	38.19 -1.10 0.00	36.60 -1.25 0.04
NM_CAPITAL___DRP 24208	30.32 0.68 0.00	27.08 0.79 -2.41	22.49 0.70 0.00	21.53 0.61 0.00	22.00 0.58 0.00	25.58 0.40 0.00	30.62 0.30 0.00	31.12 0.31 0.00	32.48 0.26 0.00	32.49 0.16 0.00	35.63 0.18 0.00	36.13 0.34 1.91	38.67 0.28 1.75	42.06 0.44 2.63	44.05 0.42 2.71	46.28 0.41 0.11	37.50 0.05 12.62	56.74 0.95 0.00	57.20 1.12 0.00	56.30 0.56 0.00	49.32 0.44 0.00	44.56 0.31 0.00	39.53 0.24 0.00	38.14 0.27 0.01
NM_CENTRAL___DRP 24181	29.70 0.06 0.00	23.96 0.19 0.11	21.97 0.17 0.00	21.13 0.21 0.00	21.59 0.17 0.00	25.23 0.05 0.00	30.20 -0.12 0.00	30.66 -0.15 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.28 -0.18 0.00	36.27 -0.15 1.28	38.86 -0.12 1.16	42.28 -0.22 1.74	44.17 -0.37 1.80	45.49 -0.41 0.07	49.29 -0.30 0.48	55.23 -0.22 0.34	56.23 0.17 0.01	55.57 -0.17 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.21 -0.08 0.00	37.54 -0.34 0.01

NM_FRONTIER___DRP 24179	27.86 -1.78 0.00	23.00 -0.88 0.00	20.99 -0.81 0.00	20.40 -0.52 0.00	20.78 -0.64 0.00	24.14 -1.03 0.00	28.53 -1.79 0.00	28.54 -2.28 0.00	30.22 -2.00 0.00	30.13 -2.20 0.00	32.76 -2.69 0.00	32.73 -2.94 2.03	35.37 -2.93 1.84	37.76 -3.72 2.77	38.76 -4.73 2.86	41.03 -4.83 0.11	45.00 -4.31 0.75	50.59 -4.91 0.30	52.14 -3.93 0.01	51.62 -4.12 0.00	45.41 -3.47 0.00	41.82 -2.43 0.00	37.25 -2.04 0.00	35.34 -2.54 0.01
NM_ST_REGIS___HYD 24053	29.44 -0.21 0.00	23.50 -0.38 0.00	21.47 -0.33 0.00	20.67 -0.25 0.00	21.19 -0.24 0.00	25.20 0.03 0.00	30.77 0.45 0.00	31.34 0.52 0.00	32.80 0.58 0.00	33.07 0.74 0.00	36.30 0.85 0.00	37.61 0.68 0.77	40.13 0.68 0.70	43.95 0.75 1.05	45.96 0.70 1.08	46.90 0.97 0.04	50.73 0.95 0.29	56.69 0.89 0.00	56.92 0.84 0.00	57.19 1.45 0.00	50.20 1.32 0.00	45.49 1.24 0.00	40.31 1.02 0.00	38.98 1.10 0.00
NORTHPORT___1 23551	31.81 2.16 -0.01	26.46 2.22 -0.36	23.65 1.85 0.00	22.57 1.65 0.00	23.00 1.59 0.00	26.51 1.33 0.00	32.08 1.76 -0.01	33.14 2.31 -0.01	34.55 2.32 -0.01	34.60 2.26 -0.01	39.19 2.23 -1.51	40.39 2.49 -0.20	41.99 2.37 0.52	44.61 2.30 1.93	41.56 2.09 6.87	41.57 2.30 6.71	41.38 2.05 10.74	41.47 2.90 17.22	41.59 3.31 17.79	41.52 2.51 16.73	41.58 1.86 9.16	41.44 1.55 4.37	42.34 2.08 -0.97	41.17 2.31 -0.97
NORTHPORT___2 23552	31.81 2.16 -0.01	26.46 2.22 -0.36	23.65 1.85 0.00	22.57 1.65 0.00	23.00 1.59 0.00	26.51 1.33 0.00	32.08 1.76 -0.01	33.14 2.31 -0.01	34.55 2.32 -0.01	34.60 2.26 -0.01	39.19 2.23 -1.51	40.39 2.49 -0.20	41.99 2.37 0.52	44.61 2.30 1.93	41.56 2.09 6.87	41.57 2.30 6.71	41.38 2.05 10.74	41.47 2.90 17.22	41.59 3.31 17.79	41.52 2.51 16.73	41.58 1.86 9.16	41.44 1.55 4.37	42.34 2.08 -0.97	41.17 2.31 -0.97
NORTHPORT___3 23553	31.99 2.34 -0.01	26.56 2.32 -0.36	23.73 1.94 0.00	22.66 1.74 0.00	23.11 1.69 0.00	26.61 1.43 0.00	32.24 1.91 -0.01	33.23 2.41 -0.01	34.71 2.48 -0.01	34.79 2.46 -0.01	39.22 2.27 -1.49	40.18 2.30 -0.19	41.70 2.09 0.53	44.43 2.12 1.94	41.58 2.09 6.85	41.58 2.30 6.69	42.36 2.10 9.81	41.58 3.01 17.23	41.58 3.31 17.80	41.58 2.45 16.61	41.58 1.86 9.16	41.58 1.46 4.13	42.41 2.16 -0.96	41.27 2.43 -0.96
NORTHPORT___4 23650	31.99 2.34 -0.01	26.56 2.32 -0.36	23.73 1.94 0.00	22.66 1.74 0.00	23.11 1.69 0.00	26.61 1.43 0.00	32.24 1.91 -0.01	33.23 2.41 -0.01	34.71 2.48 -0.01	34.79 2.46 -0.01	39.22 2.27 -1.49	40.18 2.30 -0.19	41.70 2.09 0.53	44.43 2.12 1.94	41.58 2.09 6.85	41.58 2.30 6.69	42.36 2.10 9.81	41.58 3.01 17.23	41.58 3.31 17.80	41.58 2.45 16.61	41.58 1.86 9.16	41.58 1.46 4.13	42.41 2.16 -0.96	41.27 2.43 -0.96
NORTHPORT___IC 23718	31.82 2.16 -0.01	26.46 2.22 -0.36	23.65 1.85 0.00	22.57 1.65 0.00	23.01 1.59 0.00	26.49 1.31 0.00	32.09 1.76 -0.01	33.17 2.34 -0.01	34.55 2.32 -0.01	34.60 2.26 -0.01	39.37 2.41 -1.51	40.54 2.64 -0.20	41.99 2.37 0.52	44.70 2.39 1.93	41.84 2.36 6.87	41.52 2.25 6.71	41.43 2.10 10.74	41.59 3.01 17.22	41.65 3.36 17.79	41.52 2.51 16.73	41.58 1.86 9.16	41.39 1.50 4.37	42.07 1.81 -0.97	40.98 2.12 -0.97
NORTH___COUNTRY_ESR 323785	29.02 -0.62 0.00	23.14 -0.74 0.00	21.14 -0.65 0.00	20.33 -0.59 0.00	20.86 -0.56 0.00	24.82 -0.35 0.00	30.20 -0.12 0.00	30.75 -0.06 0.00	32.19 -0.03 0.00	32.42 0.10 0.00	35.56 0.11 0.00	36.86 -0.08 0.77	39.29 -0.16 0.70	43.02 -0.18 1.05	45.03 -0.23 1.08	45.89 -0.05 0.04	49.73 -0.05 0.29	55.68 -0.11 0.00	55.85 -0.22 0.00	56.13 0.39 0.00	49.22 0.34 0.00	44.65 0.40 0.00	39.60 0.31 0.00	38.30 0.42 0.00
NPX_GEN_1385_PROXY 323591	31.85 2.19 -0.01	26.54 2.29 -0.36	24.58 1.92 -0.87	23.76 1.74 -1.10	24.67 1.67 -1.58	27.19 1.41 -0.60	32.15 1.82 -0.01	39.17 2.43 -5.92	38.12 2.45 -3.45	34.60 2.26 -0.01	39.12 2.16 -1.51	40.42 2.53 -0.20	42.07 2.45 0.52	44.70 2.39 1.93	41.66 2.18 6.87	48.35 2.44 0.06	52.00 2.25 0.32	72.15 3.12 -13.23	74.53 3.48 -14.98	72.24 2.68 -13.82	67.18 2.05 -16.25	58.80 1.68 -12.86	43.18 2.24 -1.65	41.17 2.31 -0.97
NPX_GEN_CSC 323557	31.61 1.96 -0.01	26.46 2.22 -0.36	23.60 1.81 0.00	22.51 1.59 0.00	22.94 1.52 0.00	26.41 1.23 0.00	31.90 1.58 -0.01	33.35 2.53 -0.01	34.36 2.13 -0.01	34.41 2.07 -0.01	39.33 2.09 -1.79	40.68 2.41 -0.57	42.24 2.41 0.32	45.10 2.48 1.62	43.77 2.55 5.13	46.04 2.76 2.69	57.77 2.60 -5.11	69.09 3.68 -9.61	63.62 4.26 -3.29	65.49 3.62 -6.13	53.07 2.78 -1.40	51.72 2.26 -5.21	42.96 2.55 -1.12	41.62 2.58 -1.15
NSINS_S_GLNS_FALLS 23858	31.98 2.34 0.00	30.07 2.08 -4.11	23.63 1.83 0.00	22.55 1.63 0.00	23.07 1.65 0.00	26.86 1.69 0.00	32.29 1.97 0.00	32.79 1.97 0.00	34.28 2.06 0.00	34.17 1.84 0.00	36.77 1.31 0.00	37.25 1.51 1.96	40.08 1.73 1.79	43.72 2.17 2.69	45.93 2.36 2.77	48.30 2.44 0.11	60.01 2.40 -7.54	59.26 3.46 0.00	59.61 3.53 0.00	58.69 2.95 0.00	51.57 2.69 0.00	46.95 2.70 0.00	41.29 2.00 0.00	39.85 1.97 0.01
NUCOR_STEEL___DRP 24197	29.88 0.24 0.00	24.17 0.29 0.00	22.08 0.28 0.00	21.28 0.36 0.00	21.70 0.28 0.00	25.38 0.20 0.00	30.38 0.06 0.00	30.82 0.00 0.00	32.29 0.06 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	37.07 -0.08 0.56	39.60 -0.04 0.51	43.31 -0.18 0.76	45.23 -0.32 0.78	45.53 -0.41 0.03	49.71 -0.15 0.21	55.42 -0.06 0.32	56.51 0.45 0.01	55.85 0.11 0.00	49.08 0.20 0.00	44.56 0.31 0.00	39.53 0.24 0.00	37.77 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	29.73 0.09 0.00	23.65 -0.10 0.14	21.75 -0.04 0.00	20.92 0.00 0.00	21.53 0.11 0.00	25.20 0.03 0.00	30.14 -0.18 0.00	30.63 -0.18 0.00	32.09 -0.13 0.00	31.94 -0.39 0.00	35.17 -0.28 0.00	36.02 -0.22 1.46	38.62 -0.20 1.33	41.99 -0.26 1.99	44.15 -0.14 2.05	45.80 -0.09 0.08	50.12 0.60 0.54	56.36 0.95 0.38	57.74 1.68 0.01	57.47 1.73 0.00	50.54 1.66 0.00	45.80 1.55 0.00	40.51 1.22 0.00	38.79 0.91 0.01
NYISO_LBMP_REFERENCE 24008	29.64 0.00 0.00	23.88 0.00 0.00	21.80 0.00 0.00	20.92 0.00 0.00	21.42 0.00 0.00	25.18 0.00 0.00	30.32 0.00 0.00	30.82 0.00 0.00	32.22 0.00 0.00	32.33 0.00 0.00	35.45 0.00 0.00	37.70 0.00 0.00	40.15 0.00 0.00	44.24 0.00 0.00	46.34 0.00 0.00	45.98 0.00 0.00	50.06 0.00 0.00	55.80 0.00 0.00	56.07 0.00 0.00	55.74 0.00 0.00	48.88 0.00 0.00	44.25 0.00 0.00	39.29 0.00 0.00	37.89 0.00 0.00
NYPA_BRENTWD____GT 24164	32.20 2.55 -0.01	26.80 2.56 -0.36	23.91 2.11 0.00	22.82 1.90 0.00	23.28 1.86 0.00	26.79 1.61 0.00	32.48 2.15 -0.01	33.60 2.77 -0.01	34.97 2.74 -0.01	35.02 2.68 -0.01	40.36 2.77 -2.14	41.81 3.09 -1.02	43.22 3.13 0.06	46.24 3.23 1.23	44.74 3.24 4.85	47.33 3.40 2.05	88.82 3.35 -35.40	70.04 4.24 -10.01	64.61 4.65 -3.88	62.20 3.84 -2.61	53.50 3.03 -1.59	45.78 2.70 1.17	43.62 2.95 -1.38	42.26 2.99 -1.38

NYPA_GOWANUS____GT5 24156	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NYPA_GOWANUS____GT6 24157	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.13 2.31 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.13 3.20 1.77	41.79 3.25 1.61	45.29 3.45 2.41	47.66 3.80 2.48	49.83 3.95 0.10	53.16 3.76 0.66	68.29 4.91 -7.58	61.57 5.27 -0.23	60.02 4.29 0.01	52.20 3.33 0.01	47.17 2.92 0.00	42.08 2.79 0.00	40.61 2.73 0.01
NYPA_HARLEM__RVR__GT1 24160	32.05 2.40 -0.01	26.46 2.22 -0.36	23.77 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.88 2.06 0.00	34.34 2.13 0.01	34.52 2.20 0.01	37.86 2.41 0.01	38.75 2.83 1.78	41.50 2.97 1.61	44.97 3.14 2.42	47.34 3.48 2.48	49.41 3.54 0.11	52.70 3.30 0.66	67.72 4.35 -7.57	61.02 4.71 -0.23	59.52 3.79 0.01	51.71 2.83 0.01	47.13 2.87 0.00	42.05 2.75 -0.01	40.50 2.61 0.00
NYPA_HARLEM__RVR__GT2 24161	32.05 2.40 -0.01	26.46 2.22 -0.36	23.77 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.88 2.06 0.00	34.34 2.13 0.01	34.52 2.20 0.01	37.86 2.41 0.01	38.75 2.83 1.78	41.50 2.97 1.61	44.97 3.14 2.42	47.34 3.48 2.48	49.41 3.54 0.11	52.70 3.30 0.66	67.72 4.35 -7.57	61.02 4.71 -0.23	59.52 3.79 0.01	51.71 2.83 0.01	47.13 2.87 0.00	42.05 2.75 -0.01	40.50 2.61 0.00
NYPA_KENT____GT 24152	32.08 2.43 0.00	26.53 2.29 -0.00	23.79 1.98 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.76 1.59 0.00	32.08 1.76 0.00	33.10 2.28 0.00	34.54 2.32 0.00	34.75 2.43 0.00	38.11 2.66 0.00	39.06 3.13 1.77	41.75 3.21 1.61	45.29 3.45 2.41	47.61 3.75 2.48	49.78 3.91 0.10	53.11 3.70 0.66	68.23 4.85 -7.58	61.46 5.16 -0.23	59.92 4.18 0.01	52.10 3.23 0.01	47.09 2.83 0.00	42.00 2.71 0.00	40.53 2.65 0.01
NYPA_POUCH1____GT 24155	32.23 2.58 -0.01	26.68 2.44 -0.36	23.92 2.11 -0.01	22.87 1.95 -0.01	23.38 1.95 -0.01	26.91 1.74 0.00	32.20 1.88 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.17 3.24 1.77	41.75 3.21 1.61	45.15 3.32 2.41	47.57 3.71 2.48	49.74 3.86 0.10	53.01 3.61 0.66	68.12 4.74 -7.58	61.41 5.10 -0.23	59.86 4.12 0.01	52.10 3.23 0.01	47.04 2.79 0.00	42.00 2.71 0.00	40.57 2.69 0.01
NYPA_VERNON____GT2 24162	31.99 2.34 0.00	26.46 2.22 -0.36	23.72 1.92 -0.01	22.69 1.76 -0.01	23.19 1.76 -0.01	26.71 1.54 0.00	32.04 1.73 0.00	33.04 2.22 0.00	34.54 2.32 0.00	34.68 2.36 0.00	38.04 2.59 0.00	38.98 3.05 1.77	41.71 3.17 1.61	45.24 3.41 2.41	47.57 3.71 2.48	49.69 3.81 0.10	53.11 3.70 0.66	68.12 4.74 -7.58	61.36 5.05 -0.23	59.80 4.07 0.01	52.00 3.13 0.01	47.04 2.79 0.00	41.96 2.67 0.00	40.42 2.54 0.01
NYPA_VERNON____GT3 24163	31.99 2.34 0.00	26.46 2.22 -0.36	23.72 1.92 -0.01	22.69 1.76 -0.01	23.19 1.76 -0.01	26.71 1.54 0.00	32.04 1.73 0.00	33.04 2.22 0.00	34.54 2.32 0.00	34.68 2.36 0.00	38.04 2.59 0.00	38.98 3.05 1.77	41.71 3.17 1.61	45.24 3.41 2.41	47.57 3.71 2.48	49.69 3.81 0.10	53.11 3.70 0.66	68.12 4.74 -7.58	61.36 5.05 -0.23	59.80 4.07 0.01	52.00 3.13 0.01	47.04 2.79 0.00	41.96 2.67 0.00	40.42 2.54 0.01
NYPA____ASTORIA_CC1 323568	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.66 1.74 -0.01	23.16 1.73 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.48 2.25 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.11 3.27 2.41	47.43 3.57 2.48	49.56 3.68 0.10	52.91 3.50 0.66	67.95 4.58 -7.58	61.18 4.88 -0.23	59.63 3.90 0.01	51.85 2.98 0.01	46.95 2.70 0.00	41.88 2.59 0.00	40.38 2.50 0.01
NYPA____ASTORIA_CC2 323569	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.66 1.74 -0.01	23.16 1.73 -0.01	26.69 1.51 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.48 2.25 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.11 3.27 2.41	47.43 3.57 2.48	49.56 3.68 0.10	52.91 3.50 0.66	67.95 4.58 -7.58	61.18 4.88 -0.23	59.63 3.90 0.01	51.85 2.98 0.01	46.95 2.70 0.00	41.88 2.59 0.00	40.38 2.50 0.01
NYPA____HOLTSVILL 23794	31.93 2.28 -0.01	26.61 2.36 -0.36	23.76 1.96 0.00	22.68 1.76 0.00	23.11 1.69 0.00	26.61 1.43 0.00	32.21 1.88 -0.01	33.38 2.56 -0.01	34.68 2.45 -0.01	34.73 2.39 -0.01	39.66 2.44 -1.76	41.02 2.79 -0.54	42.54 2.73 0.33	45.39 2.79 1.64	44.03 2.83 5.14	46.23 2.99 2.74	57.60 2.75 -4.78	69.17 3.80 -9.58	63.53 4.21 -3.25	65.23 3.46 -6.03	53.00 2.74 -1.38	51.56 2.30 -5.01	43.06 2.63 -1.14	41.71 2.69 -1.13
NYPA____HELLGATE_GT1 24158	32.05 2.40 -0.01	26.46 2.22 -0.36	23.77 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.88 2.06 0.00	34.34 2.13 0.01	34.52 2.20 0.01	37.86 2.41 0.01	38.75 2.83 1.78	41.50 2.97 1.61	44.97 3.14 2.42	47.34 3.48 2.48	49.41 3.54 0.11	52.70 3.30 0.66	67.72 4.35 -7.57	61.02 4.71 -0.23	59.52 3.79 0.01	51.71 2.83 0.01	47.13 2.87 0.00	42.05 2.75 -0.01	40.50 2.61 0.00
NYPA____HELLGATE_GT2 24159	32.05 2.40 -0.01	26.46 2.22 -0.36	23.77 1.96 -0.01	22.75 1.82 -0.01	23.25 1.82 -0.01	26.71 1.54 0.00	31.92 1.61 0.00	32.88 2.06 0.00	34.34 2.13 0.01	34.52 2.20 0.01	37.86 2.41 0.01	38.75 2.83 1.78	41.50 2.97 1.61	44.97 3.14 2.42	47.34 3.48 2.48	49.41 3.54 0.11	52.70 3.30 0.66	67.72 4.35 -7.57	61.02 4.71 -0.23	59.52 3.79 0.01	51.71 2.83 0.01	47.13 2.87 0.00	42.05 2.75 -0.01	40.50 2.61 0.00
NYS_BARGE____HYD 23848	28.58 -1.07 0.00	23.57 -0.31 0.00	21.49 -0.31 0.00	20.92 0.00 0.00	21.29 -0.13 0.00	24.77 -0.40 0.00	29.26 -1.06 0.00	29.40 -1.42 0.00	31.09 -1.13 0.00	30.97 -1.36 0.00	33.75 -1.70 0.00	33.77 -1.92 2.01	36.47 -1.85 1.83	39.15 -2.35 2.74	41.05 -2.46 2.83	42.55 -3.31 0.11	46.56 -2.75 0.75	52.09 -3.41 0.30	53.71 -2.35 0.01	53.23 -2.51 0.00	46.92 -1.96 0.00	43.19 -1.06 0.00	38.39 -0.90 0.00	36.36 -1.52 0.01
OAK ORCHARD____HYD 24046	29.38 -0.27 0.00	23.90 0.02 0.00	21.82 0.02 0.00	21.11 0.19 0.00	21.51 0.09 0.00	25.10 -0.08 0.00	29.83 -0.49 0.00	30.20 -0.62 0.00	31.77 -0.45 0.00	31.71 -0.62 0.00	34.78 -0.67 0.00	34.93 -0.79 1.97	37.55 -0.80 1.79	40.49 -1.06 2.69	42.54 -1.02 2.78	44.30 -1.56 0.11	48.13 -1.20 0.73	53.85 -1.62 0.33	55.06 -1.01 0.01	54.57 -1.17 0.00	48.05 -0.83 0.00	44.03 -0.22 0.00	39.06 -0.23 0.00	37.12 -0.76 0.01

OAKDALE___35_KV_LOAD 356122	29.85 0.21 0.00	24.28 0.41 0.00	22.19 0.39 0.00	21.38 0.46 0.00	21.83 0.41 0.00	25.45 0.28 0.00	30.41 0.09 0.00	30.88 0.06 0.00	32.38 0.16 0.00	32.39 0.06 0.00	35.45 0.00 0.00	35.76 0.00 1.93	38.47 0.08 1.76	41.60 0.00 2.64	43.43 -0.19 2.72	45.55 -0.32 0.11	49.34 0.00 0.72	55.91 0.11 0.00	56.80 0.73 0.00	56.07 0.33 0.00	49.22 0.34 0.00	44.61 0.35 0.00	39.60 0.31 0.00	37.91 0.04 0.01
OCC_CHEM___DRP 24175	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.60 -2.22 0.00	30.32 -1.90 0.00	30.22 -2.10 0.00	32.83 -2.62 0.00	32.84 -2.83 2.03	35.45 -2.85 1.84	37.89 -3.58 2.77	38.90 -4.59 2.86	41.13 -4.74 0.11	45.10 -4.21 0.75	50.75 -4.74 0.30	52.31 -3.76 0.01	51.78 -3.96 0.00	45.56 -3.32 0.00	41.91 -2.35 0.00	37.37 -1.93 0.00	35.45 -2.42 0.01
OH_GEN_PROXY 24063	28.34 -1.30 0.00	23.35 -0.53 0.00	21.32 -0.48 0.00	20.71 -0.21 0.00	21.10 -0.32 0.00	24.50 -0.68 0.00	28.98 -1.33 0.00	29.12 -1.69 0.00	30.77 -1.45 0.00	30.68 -1.65 0.00	33.40 -2.06 0.00	33.36 -2.30 2.04	36.00 -2.29 1.85	38.68 -2.79 2.78	40.55 -2.92 2.87	42.14 -3.72 0.12	46.00 -3.31 0.76	51.53 -3.96 0.30	53.09 -2.97 0.01	52.62 -3.12 0.00	46.34 -2.54 0.00	42.70 -1.59 -0.04	37.88 -1.38 0.04	35.98 -1.89 0.01
OLIN_CORP_DRP 24177	28.22 -1.42 0.00	23.31 -0.57 0.00	21.27 -0.52 0.00	20.69 -0.23 0.00	21.08 -0.34 0.00	24.50 -0.68 0.00	28.89 -1.42 0.00	28.91 -1.91 0.00	30.64 -1.58 0.00	30.55 -1.78 0.00	33.22 -2.23 0.00	33.23 -2.45 2.02	35.86 -2.45 1.84	38.30 -3.19 2.75	39.37 -4.12 2.84	41.63 -4.23 0.11	45.66 -3.65 0.75	51.37 -4.13 0.30	52.92 -3.14 0.01	52.40 -3.34 0.00	46.09 -2.79 0.00	42.44 -1.81 0.00	37.80 -1.49 0.00	35.83 -2.05 0.01
OLIN_CORP_DSASP 323712	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.69 -2.13 0.00	30.32 -1.90 0.00	30.23 -2.10 0.00	32.90 -2.55 0.00	32.84 -2.83 2.03	35.49 -2.81 1.84	38.07 -3.41 2.77	39.92 -3.57 2.86	41.45 -4.41 0.11	45.30 -4.01 0.75	50.70 -4.80 0.30	52.25 -3.81 0.01	51.78 -3.96 0.00	45.61 -3.27 0.00	42.04 -2.21 0.00	37.37 -1.92 0.00	35.49 -2.39 0.01
ONEIDA_HERK_LFGE 323681	30.20 0.56 0.00	24.15 0.43 0.15	22.21 0.41 0.00	21.36 0.44 0.00	21.93 0.51 0.00	25.63 0.45 0.00	30.65 0.33 0.00	31.16 0.34 0.00	32.61 0.39 0.00	32.49 0.16 0.00	35.70 0.25 0.00	36.18 0.34 1.86	38.90 0.44 1.69	42.15 0.44 2.53	44.29 0.56 2.62	46.47 0.60 0.10	50.37 1.00 0.69	56.71 1.34 0.42	58.02 1.96 0.01	57.47 1.73 0.00	50.49 1.61 0.00	45.71 1.46 0.00	40.47 1.18 0.00	38.78 0.91 0.01
ONEIDA___115KV_TB4 55905	30.56 0.92 0.00	24.53 0.79 0.14	22.54 0.74 0.00	21.67 0.75 0.00	22.23 0.81 0.00	25.96 0.78 0.00	31.04 0.73 0.00	31.52 0.71 0.00	33.03 0.81 0.00	32.84 0.52 0.00	36.09 0.64 0.00	36.70 0.75 1.76	39.47 0.92 1.60	42.77 0.93 2.40	44.89 1.02 2.48	46.89 1.01 0.10	50.76 1.35 0.65	57.13 1.73 0.40	58.42 2.36 0.01	57.75 2.01 0.00	50.74 1.86 0.00	45.94 1.68 0.00	40.67 1.38 0.00	38.94 1.06 0.01
ONONDAGA_REF_OCCRA 23987	29.79 0.15 0.00	24.12 0.24 0.00	22.01 0.22 0.00	21.17 0.25 0.00	21.63 0.21 0.00	25.28 0.10 0.00	30.29 -0.03 0.00	30.72 -0.09 0.00	32.22 0.00 0.00	32.20 -0.13 0.00	35.35 -0.11 0.00	36.42 -0.08 1.21	39.01 -0.04 1.10	42.46 -0.13 1.65	44.41 -0.23 1.70	45.59 -0.32 0.07	49.46 -0.15 0.45	55.41 -0.06 0.33	56.40 0.34 0.01	55.74 0.00 0.00	48.93 0.05 0.00	44.39 0.13 0.00	39.33 0.04 0.00	37.65 -0.23 0.01
ONONDAGA___COGEN 23986	29.73 0.09 0.00	23.94 0.17 0.10	21.97 0.17 0.00	21.13 0.21 0.00	21.57 0.15 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.69 -0.12 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.31 -0.14 0.00	37.10 -0.15 0.45	39.62 -0.12 0.41	43.41 -0.22 0.61	45.34 -0.37 0.63	45.49 -0.46 0.03	49.60 -0.30 0.17	55.24 -0.22 0.33	56.18 0.11 0.01	55.52 -0.22 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.58 -0.30 0.00
ONTARIO___LFGE 23819	30.20 0.56 0.00	24.52 0.64 0.00	22.43 0.63 0.00	21.70 0.77 0.00	22.15 0.73 0.00	25.93 0.75 0.00	30.98 0.67 0.00	31.49 0.68 0.00	33.06 0.84 0.00	32.91 0.58 0.00	36.09 0.64 0.00	37.29 0.64 1.04	39.96 0.76 0.95	43.08 0.27 1.42	45.15 0.28 1.47	45.78 -0.14 0.06	50.13 0.45 0.39	56.24 0.72 0.28	57.69 1.63 0.01	57.08 1.34 0.00	50.20 1.32 0.00	45.63 1.37 0.00	40.70 1.41 0.00	38.71 0.83 0.01
ORANGEVILLE_WT_PWR 323706	28.52 -1.13 0.00	23.42 -0.45 0.00	21.38 -0.41 0.00	20.86 -0.06 0.00	21.38 -0.04 0.00	24.95 -0.23 0.00	29.56 -0.76 0.00	29.74 -1.08 0.00	31.38 -0.84 0.00	31.29 -1.04 0.00	34.14 -1.31 0.00	34.24 -1.51 1.95	36.97 -1.41 1.77	39.68 -1.90 2.66	41.61 -1.99 2.74	43.20 -2.67 0.11	47.24 -2.10 0.72	53.07 -2.45 0.27	54.72 -1.35 0.01	54.40 -1.34 0.00	48.00 -0.88 0.00	43.99 -0.26 0.00	39.10 -0.20 0.00	37.12 -0.76 0.01
ORANGEVILLE___ESR 323794	28.52 -1.13 0.00	23.42 -0.45 0.00	21.38 -0.41 0.00	20.86 -0.06 0.00	21.38 -0.04 0.00	24.95 -0.23 0.00	29.56 -0.76 0.00	29.74 -1.08 0.00	31.38 -0.84 0.00	31.29 -1.04 0.00	34.14 -1.31 0.00	34.24 -1.51 1.95	36.97 -1.41 1.77	39.68 -1.90 2.66	41.61 -1.99 2.74	43.20 -2.67 0.11	47.24 -2.10 0.72	53.07 -2.45 0.27	54.72 -1.35 0.01	54.40 -1.34 0.00	48.00 -0.88 0.00	43.99 -0.26 0.00	39.10 -0.20 0.00	37.12 -0.76 0.01
OSWEGATCHIE___HYD 24044	29.23 -0.42 0.00	23.19 -0.57 0.11	21.32 -0.48 0.00	20.50 -0.42 0.00	21.10 -0.32 0.00	24.77 -0.40 0.00	29.80 -0.52 0.00	30.29 -0.52 0.00	31.67 -0.55 0.00	31.61 -0.71 0.00	34.78 -0.67 0.00	35.87 -0.68 1.16	38.33 -0.76 1.05	41.73 -0.93 1.58	43.83 -0.88 1.63	45.09 -0.83 0.07	49.23 -0.40 0.43	55.20 -0.28 0.32	56.29 0.23 0.01	56.24 0.50 0.00	49.42 0.54 0.00	44.83 0.57 0.00	39.76 0.47 0.00	38.15 0.27 0.01
OSWEGO___5 23606	29.17 -0.48 0.00	23.51 -0.26 0.11	21.56 -0.24 0.00	20.73 -0.19 0.00	21.19 -0.24 0.00	24.77 -0.40 0.00	29.68 -0.64 0.00	30.11 -0.71 0.00	31.51 -0.71 0.00	31.52 -0.81 0.00	34.57 -0.88 0.00	39.15 -0.94 -2.40	41.36 -0.96 -2.18	46.40 -1.10 -3.27	48.56 -1.16 -3.38	44.83 -1.29 -0.14	49.65 -1.30 -0.89	54.08 -1.39 0.33	54.94 -1.12 0.01	54.40 -1.34 0.00	47.80 -1.08 0.00	43.37 -0.88 0.00	38.51 -0.79 0.00	36.92 -0.99 -0.01
OSWEGO___6 23613	29.17 -0.48 0.00	23.51 -0.26 0.11	21.56 -0.24 0.00	20.73 -0.19 0.00	21.19 -0.24 0.00	24.77 -0.40 0.00	29.68 -0.64 0.00	30.11 -0.71 0.00	31.51 -0.71 0.00	31.52 -0.81 0.00	34.57 -0.88 0.00	39.15 -0.94 -2.40	41.36 -0.96 -2.18	46.40 -1.10 -3.27	48.56 -1.16 -3.38	44.83 -1.29 -0.14	49.65 -1.30 -0.89	54.08 -1.39 0.33	54.94 -1.12 0.01	54.40 -1.34 0.00	47.80 -1.08 0.00	43.37 -0.88 0.00	38.51 -0.79 0.00	36.92 -0.99 -0.01

OUTOKUMPU-AB___DRP 24206	28.66 -0.98 0.00	23.64 -0.24 0.00	21.53 -0.26 0.00	20.98 0.06 0.00	21.36 -0.06 0.00	24.82 -0.35 0.00	29.38 -0.94 0.00	29.43 -1.39 0.00	31.25 -0.97 0.00	31.16 -1.16 0.00	33.89 -1.56 0.00	33.99 -1.70 2.02	36.71 -1.61 1.83	39.28 -2.21 2.75	40.35 -3.15 2.84	42.55 -3.31 0.11	46.71 -2.60 0.75	52.54 -2.96 0.30	54.16 -1.91 0.01	53.57 -2.17 0.00	47.12 -1.76 0.00	43.28 -0.97 0.00	38.50 -0.79 0.00	36.47 -1.40 0.01
OXBOW___BTM 323836	28.37 -1.27 0.00	23.40 -0.48 0.00	21.32 -0.48 0.00	20.75 -0.17 0.00	21.14 -0.28 0.00	24.57 -0.60 0.00	29.05 -1.27 0.00	29.15 -1.66 0.00	30.84 -1.38 0.00	30.74 -1.58 0.00	33.50 -1.95 0.00	33.49 -2.19 2.02	36.22 -2.09 1.84	38.87 -2.61 2.76	40.72 -2.78 2.85	42.23 -3.63 0.11	46.26 -3.06 0.75	51.70 -3.80 0.30	53.32 -2.75 0.01	52.84 -2.90 0.00	46.53 -2.35 0.00	42.84 -1.42 0.00	38.07 -1.22 0.00	36.10 -1.78 0.01
OXBOW___ 24026	28.37 -1.27 0.00	23.40 -0.48 0.00	21.32 -0.48 0.00	20.75 -0.17 0.00	21.14 -0.28 0.00	24.57 -0.60 0.00	29.04 -1.27 0.00	29.06 -1.76 0.00	30.84 -1.39 0.00	30.74 -1.58 0.00	33.43 -2.02 0.00	33.49 -2.19 2.02	36.18 -2.13 1.84	38.70 -2.79 2.76	39.69 -3.80 2.85	41.95 -3.91 0.11	46.06 -3.25 0.75	51.76 -3.74 0.30	53.37 -2.69 0.01	52.79 -2.95 0.00	46.44 -2.44 0.00	42.71 -1.55 0.00	38.03 -1.26 0.00	36.06 -1.82 0.01
OXY_CHEM_DSASP 323612	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.60 -2.22 0.00	30.32 -1.90 0.00	30.22 -2.10 0.00	32.83 -2.62 0.00	32.84 -2.83 2.03	35.45 -2.85 1.84	37.89 -3.58 2.77	38.90 -4.59 2.86	41.13 -4.74 0.11	45.10 -4.21 0.75	50.75 -4.74 0.30	52.31 -3.76 0.01	51.78 -3.96 0.00	45.56 -3.32 0.00	41.91 -2.35 0.00	37.37 -1.93 0.00	35.45 -2.42 0.01
OZONE_PARK_ESR 323760	32.10 2.46 0.00	26.55 2.32 -0.35	23.78 1.98 0.00	22.74 1.82 0.00	23.24 1.82 0.00	26.81 1.64 0.00	32.23 1.91 0.00	33.31 2.50 0.00	34.83 2.61 0.00	35.01 2.68 0.00	38.36 2.91 0.00	39.25 3.32 1.77	42.07 3.53 1.61	45.81 3.98 2.41	48.36 4.50 2.48	50.24 4.37 0.10	53.96 4.56 0.66	69.12 5.75 -7.58	62.42 6.11 -0.24	60.81 5.07 0.00	52.79 3.91 0.00	47.53 3.27 0.00	42.12 2.83 0.00	40.64 2.77 0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.60 -2.22 0.00	30.32 -1.90 0.00	30.22 -2.10 0.00	32.83 -2.62 0.00	32.84 -2.83 2.03	35.45 -2.85 1.84	37.89 -3.58 2.77	38.90 -4.59 2.86	41.13 -4.74 0.11	45.10 -4.21 0.75	50.75 -4.74 0.30	52.31 -3.76 0.01	51.78 -3.96 0.00	45.56 -3.32 0.00	41.91 -2.35 0.00	37.37 -1.93 0.00	35.45 -2.42 0.01
PACKARD__115KV_DUPONT_184 80571	27.95 -1.69 0.00	23.07 -0.81 0.00	21.03 -0.76 0.00	20.46 -0.46 0.00	20.84 -0.58 0.00	24.22 -0.96 0.00	28.59 -1.73 0.00	28.60 -2.22 0.00	30.32 -1.90 0.00	30.22 -2.10 0.00	32.83 -2.62 0.00	32.84 -2.83 2.03	35.45 -2.85 1.84	37.89 -3.58 2.77	38.90 -4.59 2.86	41.13 -4.74 0.11	45.10 -4.21 0.75	50.75 -4.74 0.30	52.31 -3.76 0.01	51.78 -3.96 0.00	45.56 -3.32 0.00	41.91 -2.35 0.00	37.37 -1.93 0.00	35.45 -2.42 0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.05 2.40 -0.01	26.49 2.24 -0.36	23.76 1.96 -0.01	22.73 1.80 -0.01	23.23 1.80 -0.01	26.71 1.54 0.00	31.95 1.64 0.00	32.91 2.10 0.00	34.32 2.09 0.00	34.52 2.20 0.00	37.83 2.38 0.00	38.72 2.79 1.77	41.43 2.89 1.61	44.97 3.14 2.41	47.57 3.71 2.48	49.37 3.49 0.10	52.81 3.40 0.66	67.79 4.41 -7.58	61.07 4.77 -0.23	59.58 3.85 0.01	51.66 2.79 0.01	47.04 2.79 0.00	41.85 2.55 -0.01	40.50 2.61 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.35 2.70 -0.01	26.72 2.48 -0.36	23.96 2.16 -0.01	22.92 1.99 -0.01	23.42 1.99 -0.01	26.94 1.76 0.00	32.20 1.88 0.00	33.19 2.37 0.00	34.61 2.38 0.00	34.78 2.46 0.00	38.15 2.69 0.00	39.02 3.09 1.77	41.79 3.25 1.61	45.37 3.54 2.41	47.99 4.12 2.48	49.79 3.91 0.10	53.31 3.90 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.19 4.46 0.01	52.20 3.32 0.01	47.53 3.27 0.00	42.28 2.99 -0.01	40.84 2.96 0.00
PATROON__115KV_TB1 80586	30.38 0.74 0.00	27.33 0.79 -2.67	22.51 0.72 0.00	21.53 0.61 0.00	22.02 0.60 0.00	25.60 0.43 0.00	30.65 0.33 0.00	31.19 0.37 0.00	32.48 0.26 0.00	32.52 0.19 0.00	35.67 0.21 0.00	36.16 0.38 1.92	38.72 0.32 1.75	42.10 0.49 2.62	44.10 0.46 2.71	46.33 0.46 0.11	40.39 0.35 10.02	56.97 1.17 0.00	57.36 1.29 0.00	56.46 0.72 0.00	49.47 0.59 0.00	44.70 0.44 0.00	39.60 0.31 0.00	38.22 0.34 0.01
PATTRSNVILLE___SOLAR 323815	31.07 1.42 0.00	29.58 1.34 -4.37	22.99 1.20 0.00	22.01 1.09 0.00	22.51 1.09 0.00	26.21 1.03 0.00	31.41 1.09 0.00	31.80 0.99 0.00	33.16 0.93 0.00	33.07 0.74 0.00	36.23 0.78 0.00	36.56 0.83 1.97	39.31 0.96 1.80	42.78 1.24 2.70	45.04 1.48 2.79	47.47 1.61 0.11	51.92 1.70 -0.16	57.90 2.34 0.24	58.81 2.75 0.01	58.14 2.40 0.00	51.08 2.20 0.00	46.20 1.94 0.00	40.90 1.61 0.00	39.35 1.48 0.01
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.81 -0.83 0.00	23.74 -0.14 0.00	21.62 -0.17 0.00	21.07 0.15 0.00	21.46 0.04 0.00	24.95 -0.23 0.00	29.59 -0.73 0.00	29.80 -1.02 0.00	31.61 -0.61 0.00	31.58 -0.74 0.00	34.39 -1.06 0.00	34.53 -1.17 2.00	37.32 -1.00 1.82	40.01 -1.50 2.73	41.07 -2.46 2.82	43.24 -2.62 0.11	47.47 -1.85 0.74	53.44 -2.06 0.29	55.06 -1.01 0.01	54.40 -1.34 0.00	47.80 -1.08 0.00	43.77 -0.49 0.00	38.94 -0.35 0.00	36.82 -1.06 0.01
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.72 2.08 0.00	26.26 2.01 -0.37	23.50 1.70 0.00	22.51 1.59 0.00	23.01 1.59 0.00	26.66 1.49 0.00	32.02 1.70 0.00	32.88 2.06 0.00	34.38 2.16 0.00	34.43 2.10 0.00	37.79 2.34 0.00	38.57 2.64 1.77	41.47 2.93 1.61	45.15 3.32 2.41	47.88 4.03 2.49	49.97 4.09 0.10	53.81 4.41 0.66	68.97 5.64 -7.54	62.31 6.00 -0.24	60.81 5.07 0.00	52.79 3.91 0.00	47.17 2.92 0.00	41.73 2.44 0.00	40.26 2.39 0.01
PEEKSKILL___ 23653	31.51 1.87 0.00	26.09 1.86 -0.35	23.39 1.59 0.00	22.38 1.46 0.00	22.88 1.46 0.00	26.43 1.26 0.00	31.74 1.43 0.00	32.67 1.85 0.00	34.12 1.90 0.00	34.23 1.91 0.00	37.51 2.06 0.00	38.31 2.38 1.76	41.07 2.53 1.60	44.67 2.83 2.40	46.97 3.11 2.48	49.19 3.31 0.10	52.82 3.41 0.65	67.67 4.41 -7.47	61.02 4.71 -0.23	59.58 3.84 0.00	51.81 2.93 0.00	46.51 2.26 0.00	41.37 2.08 0.00	39.85 1.97 0.01
PGE MADISON___WINDPWR 24146	31.54 1.90 0.00	25.53 1.53 -0.12	23.30 1.50 0.00	22.53 1.61 0.00	23.22 1.80 0.00	27.21 2.04 0.00	32.44 2.12 0.00	33.04 2.22 0.00	34.57 2.35 0.00	34.10 1.78 0.00	37.33 1.88 0.00	38.05 2.15 1.80	41.04 2.53 1.63	44.40 2.61 2.45	46.64 2.83 2.53	48.77 2.90 0.10	52.95 3.55 0.67	60.09 4.30 0.00	61.57 5.50 0.00	61.09 5.35 0.00	53.72 4.84 0.00	48.64 4.38 0.00	42.98 3.69 0.00	40.98 3.11 0.01

PIERCEFIELD___HYD 23852	28.55 -1.10 0.00	22.66 -1.22 0.00	20.71 -1.09 0.00	19.92 -1.00 0.00	20.48 -0.94 0.00	24.19 -0.98 0.00	29.50 -0.82 0.00	30.01 -0.80 0.00	31.35 -0.87 0.00	31.49 -0.84 0.00	34.60 -0.85 0.00	35.74 -1.02 0.94	37.93 -1.36 0.85	41.46 -1.50 1.28	43.44 -1.58 1.32	44.50 -1.43 0.05	48.16 -1.55 0.35	53.61 -1.95 0.23	54.05 -2.02 0.01	54.51 -1.23 0.00	47.90 -0.98 0.00	43.50 -0.75 0.00	38.82 -0.47 0.00	37.54 -0.34 0.00
PINELAWN_CC_1 323563	32.14 2.49 -0.01	26.68 2.44 -0.37	23.84 2.05 0.00	22.76 1.84 0.00	23.20 1.78 0.00	26.71 1.54 0.00	32.42 2.09 -0.01	33.42 2.59 -0.01	34.87 2.64 -0.01	34.92 2.59 -0.01	42.09 2.66 -3.98	44.07 2.94 -3.42	44.46 3.05 -1.27	47.84 2.79 -0.81	45.70 2.78 3.42	50.24 2.95 -1.32	60.66 2.70 -7.89	71.51 3.62 -12.09	67.13 4.04 -7.01	62.23 3.18 -3.31	54.40 2.59 -2.93	45.49 2.21 0.98	44.30 2.44 -2.57	42.96 2.50 -2.57
PJM_GEN_HTTP_PROXY 323702	31.78 2.14 0.00	26.31 2.08 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.62 2.30 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.24 3.41 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.31 3.91 0.66	68.34 4.96 -7.58	61.58 5.27 -0.24	60.09 4.35 0.00	52.21 3.33 0.00	46.99 2.70 -0.04	41.73 2.48 0.04	40.19 2.31 0.01
PJM_GEN_KEystone 24065	30.00 0.36 0.00	24.76 0.72 -0.16	22.40 0.61 0.00	21.55 0.63 0.00	22.02 0.60 0.00	25.50 0.33 0.00	30.47 0.15 0.00	31.09 0.28 0.00	32.61 0.39 0.00	32.65 0.32 0.00	35.70 0.25 0.00	36.18 0.34 1.86	38.86 0.40 1.69	41.93 0.35 2.66	43.86 0.42 2.90	45.77 0.18 0.39	49.28 0.40 1.19	59.62 0.72 -3.10	56.86 1.34 0.56	55.84 0.78 0.68	48.99 0.54 0.42	44.51 0.49 0.23	38.38 0.47 1.38	34.49 0.19 3.59
PJM_GEN_NEPTUNE_PROXY 323594	31.84 2.19 -0.01	26.41 2.17 -0.36	23.63 1.83 0.00	22.57 1.65 0.00	23.03 1.61 0.00	26.53 1.36 0.00	32.11 1.79 -0.01	33.01 2.19 -0.01	34.55 2.32 -0.01	34.60 2.26 -0.01	38.23 2.41 -0.36	39.04 2.64 1.30	41.53 2.73 1.35	43.96 2.92 3.20	42.97 2.87 6.25	43.73 3.08 5.32	52.78 3.00 0.29	67.69 3.90 -7.99	61.19 4.26 -0.86	59.41 3.40 -0.27	51.88 2.74 -0.26	42.30 2.30 4.25	41.80 2.32 -0.19	40.57 2.46 -0.22
PJM_GEN_VFT_PROXY 323633	31.66 2.02 0.00	26.19 1.96 -0.35	23.47 1.68 0.00	22.45 1.53 0.00	22.94 1.52 0.00	26.43 1.26 0.01	31.77 1.46 0.00	32.82 2.00 0.00	34.38 2.16 0.00	34.53 2.20 0.00	37.83 2.38 0.00	38.68 2.75 1.77	41.39 2.85 1.61	43.16 3.19 4.27	43.25 3.43 6.52	45.28 3.54 4.23	45.88 3.55 7.74	58.30 4.58 2.07	51.58 4.94 9.43	50.03 3.96 9.66	45.81 2.98 6.05	42.91 2.43 3.77	41.52 2.28 0.05	39.99 2.12 0.02
PLATSBURG_115KV_PMLD1 355749	29.29 -0.36 0.00	23.35 -0.53 0.00	21.34 -0.46 0.00	20.52 -0.40 0.00	21.06 -0.36 0.00	25.05 -0.13 0.00	30.50 0.18 0.00	31.06 0.25 0.00	32.54 0.32 0.00	32.78 0.45 0.00	35.92 0.46 0.00	37.27 0.34 0.77	39.73 0.28 0.70	43.51 0.31 1.05	45.54 0.28 1.08	46.39 0.46 0.04	50.23 0.45 0.29	56.19 0.39 0.00	56.35 0.28 0.00	56.69 0.95 0.00	49.76 0.88 0.00	45.09 0.84 0.00	40.00 0.71 0.00	38.68 0.80 0.00
PLEASANTVLY___LBMP 24000	31.33 1.69 0.00	25.97 1.72 -0.37	23.30 1.50 0.00	22.28 1.36 0.00	22.77 1.35 0.00	26.36 1.18 0.00	31.62 1.30 0.00	32.42 1.60 0.00	33.86 1.64 0.00	33.94 1.62 0.00	37.19 1.74 0.00	37.94 2.04 1.79	40.64 2.13 1.63	44.23 2.43 2.44	46.69 2.87 2.52	48.63 2.76 0.10	52.25 2.85 0.67	67.63 3.74 -8.10	60.37 4.04 -0.25	58.97 3.23 0.00	51.32 2.44 0.00	46.16 1.90 0.00	40.98 1.69 0.00	39.62 1.74 0.01
PLSNTVLE_13_KV_13.8KVDIST 80602	31.57 1.93 0.00	26.17 1.93 -0.36	23.45 1.66 0.00	22.43 1.51 0.00	22.92 1.50 0.00	26.51 1.33 0.00	31.83 1.52 0.00	32.79 1.97 0.00	34.25 2.03 0.00	34.36 2.04 0.00	37.69 2.23 0.00	38.49 2.56 1.77	41.23 2.69 1.61	44.88 3.05 2.41	47.42 3.57 2.49	49.33 3.45 0.10	53.01 3.60 0.66	68.14 4.69 -7.65	61.31 4.99 -0.24	59.81 4.07 0.00	52.01 3.13 0.00	46.69 2.43 0.00	41.41 2.12 0.00	40.00 2.12 0.01
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	31.57 1.93 0.00	26.17 1.93 -0.36	23.45 1.66 0.00	22.43 1.51 0.00	22.92 1.50 0.00	26.51 1.33 0.00	31.83 1.52 0.00	32.79 1.97 0.00	34.25 2.03 0.00	34.36 2.04 0.00	37.69 2.23 0.00	38.49 2.56 1.77	41.23 2.69 1.61	44.88 3.05 2.41	47.42 3.57 2.49	49.33 3.45 0.10	53.01 3.60 0.66	68.14 4.69 -7.65	61.31 4.99 -0.24	59.81 4.07 0.00	52.01 3.13 0.00	46.69 2.43 0.00	41.41 2.12 0.00	40.00 2.12 0.01
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.54 1.90 0.00	26.18 1.91 -0.39	23.41 1.61 0.00	22.39 1.46 0.00	22.88 1.46 0.00	26.54 1.36 0.00	31.86 1.55 0.00	32.63 1.82 0.00	34.09 1.87 0.00	34.17 1.84 0.00	37.44 1.99 0.00	38.23 2.30 1.77	40.98 2.45 1.61	44.66 2.83 2.42	47.23 3.38 2.50	49.19 3.31 0.10	52.91 3.50 0.66	67.81 4.58 -7.44	61.13 4.82 -0.23	59.81 4.07 0.00	52.15 3.27 0.00	46.73 2.48 0.00	41.37 2.08 0.00	40.00 2.12 0.01
POLETTI_____ 23519	31.78 2.13 0.00	26.31 2.08 -0.35	23.58 1.79 0.00	22.55 1.63 0.00	23.05 1.63 0.00	26.56 1.38 0.00	31.89 1.58 0.00	32.94 2.13 0.00	34.43 2.22 0.02	34.61 2.30 0.02	37.92 2.48 0.02	38.78 2.87 1.78	41.53 3.01 1.62	45.22 3.41 2.43	47.75 3.89 2.48	49.59 3.72 0.12	53.25 3.85 0.67	68.27 4.91 -7.56	61.51 5.21 -0.22	59.96 4.24 0.02	52.04 3.18 0.01	46.91 2.66 0.00	41.61 2.32 0.00	40.15 2.27 0.01
POMONA___ESR 323819	31.42 1.78 0.00	26.01 1.79 -0.34	23.32 1.53 0.00	22.32 1.40 0.00	22.79 1.37 0.00	26.38 1.21 0.00	31.68 1.37 0.00	32.57 1.76 0.00	34.02 1.80 0.00	34.14 1.81 0.00	37.37 1.91 0.00	38.21 2.26 1.75	40.92 2.37 1.59	44.51 2.65 2.39	46.80 2.92 2.47	49.01 3.13 0.10	52.62 3.21 0.65	67.15 4.13 -7.22	60.79 4.49 -0.23	59.31 3.57 0.00	51.66 2.78 0.00	46.38 2.12 0.00	41.22 1.92 0.00	39.73 1.86 0.01
PORT_JEFF_3 23555	31.99 2.34 -0.01	26.65 2.41 -0.36	23.78 1.98 0.00	22.70 1.78 0.00	23.13 1.71 0.00	26.63 1.46 0.00	32.27 1.94 -0.01	33.44 2.62 -0.01	34.75 2.51 -0.01	34.79 2.46 -0.01	39.76 2.52 -1.79	41.13 2.86 -0.57	42.68 2.85 0.32	45.46 2.83 1.62	44.14 2.92 5.13	46.27 2.99 2.69	57.65 2.60 -4.98	69.03 3.62 -9.61	63.45 4.09 -3.29	65.28 3.29 -6.25	52.97 2.69 -1.41	52.06 2.43 -5.37	43.23 2.79 -1.15	41.88 2.84 -1.15
PORT_JEFF_4 23616	31.99 2.34 -0.01	26.65 2.41 -0.36	23.78 1.98 0.00	22.70 1.78 0.00	23.13 1.71 0.00	26.63 1.46 0.00	32.27 1.94 -0.01	33.44 2.62 -0.01	34.75 2.51 -0.01	34.79 2.46 -0.01	39.76 2.52 -1.79	41.13 2.86 -0.57	42.68 2.85 0.32	45.46 2.83 1.62	44.14 2.92 5.13	46.27 2.99 2.69	57.65 2.60 -4.98	69.03 3.62 -9.61	63.45 4.09 -3.29	65.28 3.29 -6.25	52.97 2.69 -1.41	52.06 2.43 -5.37	43.23 2.79 -1.15	41.88 2.84 -1.15

PORT_JEFF_IC 23713	32.02 2.37 -0.01	26.70 2.46 -0.36	23.82 2.03 0.00	22.74 1.82 0.00	23.18 1.76 0.00	26.66 1.49 0.00	32.30 1.97 -0.01	33.51 2.68 -0.01	34.78 2.55 -0.01	34.86 2.52 -0.01	40.07 2.77 -1.85	41.44 3.09 -0.65	42.81 2.93 0.27	45.71 3.01 1.54	44.61 3.34 5.07	46.58 3.17 2.57	57.90 2.70 -5.13	69.22 3.74 -9.68	63.68 4.21 -3.40	66.18 3.40 -7.04	53.23 2.88 -1.47	53.54 2.57 -6.72	43.00 2.51 -1.20	41.85 2.77 -1.19
PPL PILGRIM_ST_GT1 24216	32.20 2.55 -0.01	26.80 2.56 -0.36	23.91 2.11 0.00	22.82 1.90 0.00	23.28 1.86 0.00	26.79 1.61 0.00	32.48 2.15 -0.01	33.60 2.77 -0.01	34.97 2.74 -0.01	35.02 2.68 -0.01	40.36 2.77 -2.14	41.81 3.09 -1.02	43.22 3.13 0.06	46.24 3.23 1.23	44.74 3.24 4.85	47.33 3.40 2.05	88.82 3.35 -35.40	70.04 4.24 -10.01	64.61 4.65 -3.88	62.20 3.84 -2.61	53.50 3.03 -1.59	45.78 2.70 1.17	43.62 2.95 -1.38	42.26 2.99 -1.38
PPL PILGRIM_ST_GT2 24217	32.20 2.55 -0.01	26.80 2.56 -0.36	23.91 2.11 0.00	22.82 1.90 0.00	23.28 1.86 0.00	26.79 1.61 0.00	32.48 2.15 -0.01	33.60 2.77 -0.01	34.97 2.74 -0.01	35.02 2.68 -0.01	40.36 2.77 -2.14	41.81 3.09 -1.02	43.22 3.13 0.06	46.24 3.23 1.23	44.74 3.24 4.85	47.33 3.40 2.05	88.82 3.35 -35.40	70.04 4.24 -10.01	64.61 4.65 -3.88	62.20 3.84 -2.61	53.50 3.03 -1.59	45.78 2.70 1.17	43.62 2.95 -1.38	42.26 2.99 -1.38
PPL_SHRM_GT3 24213	31.64 1.99 -0.01	26.49 2.24 -0.36	23.60 1.81 0.00	22.53 1.61 0.00	22.96 1.54 0.00	26.41 1.23 0.00	31.90 1.58 -0.01	33.35 2.53 -0.01	34.36 2.13 -0.01	34.41 2.07 -0.01	39.36 2.09 -1.82	40.76 2.45 -0.61	42.30 2.45 0.29	45.18 2.52 1.58	43.84 2.59 5.10	46.15 2.80 2.64	58.06 2.65 -5.35	69.24 3.80 -9.64	63.79 4.38 -3.34	65.85 3.74 -6.37	53.14 2.83 -1.43	52.13 2.30 -5.58	43.06 2.59 -1.17	41.71 2.65 -1.17
PPL_SHRM_GT4 24214	31.64 1.99 -0.01	26.49 2.24 -0.36	23.60 1.81 0.00	22.53 1.61 0.00	22.96 1.54 0.00	26.41 1.23 0.00	31.90 1.58 -0.01	33.35 2.53 -0.01	34.36 2.13 -0.01	34.41 2.07 -0.01	39.36 2.09 -1.82	40.76 2.45 -0.61	42.30 2.45 0.29	45.18 2.52 1.58	43.84 2.59 5.10	46.15 2.80 2.64	58.06 2.65 -5.35	69.24 3.80 -9.64	63.79 4.38 -3.34	65.85 3.74 -6.37	53.14 2.83 -1.43	52.13 2.30 -5.58	43.06 2.59 -1.17	41.71 2.65 -1.17
PROJECT___ORANGE 1 24174	29.73 0.09 0.00	23.96 0.19 0.11	21.99 0.20 0.00	21.15 0.23 0.00	21.61 0.19 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.66 -0.15 0.00	32.16 -0.06 0.00	32.16 -0.16 0.00	35.31 -0.14 0.00	36.24 -0.15 1.31	38.87 -0.08 1.19	42.28 -0.18 1.79	44.17 -0.32 1.85	45.49 -0.41 0.07	49.33 -0.25 0.49	55.29 -0.17 0.34	56.23 0.17 0.01	55.57 -0.17 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.54 -0.34 0.01
PROJECT___ORANGE 2 24166	29.73 0.09 0.00	23.96 0.19 0.11	21.99 0.20 0.00	21.15 0.23 0.00	21.61 0.19 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.66 -0.15 0.00	32.16 -0.06 0.00	32.16 -0.16 0.00	35.31 -0.14 0.00	36.24 -0.15 1.31	38.87 -0.08 1.19	42.28 -0.18 1.79	44.17 -0.32 1.85	45.49 -0.41 0.07	49.33 -0.25 0.49	55.29 -0.17 0.34	56.23 0.17 0.01	55.57 -0.17 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.54 -0.34 0.01
PUCKETT___SOLAR 323809	30.27 0.62 0.00	24.57 0.69 0.00	22.47 0.68 0.00	21.65 0.73 0.00	22.17 0.75 0.00	25.86 0.68 0.00	30.89 0.57 0.00	31.37 0.56 0.00	32.83 0.61 0.00	32.68 0.36 0.00	35.77 0.32 0.00	36.12 0.34 1.92	38.88 0.48 1.75	42.07 0.44 2.62	44.15 0.51 2.70	46.23 0.37 0.11	50.10 0.75 0.71	56.80 1.01 0.00	57.87 1.79 0.00	57.25 1.51 0.00	50.30 1.42 0.00	45.58 1.33 0.00	40.43 1.14 0.00	38.63 0.76 0.01
PYRITES___HYD 24023	29.41 -0.24 0.00	23.26 -0.62 0.00	21.27 -0.52 0.00	20.48 -0.44 0.00	21.10 -0.32 0.00	25.08 -0.10 0.00	30.53 0.21 0.00	31.03 0.22 0.00	32.35 0.13 0.00	32.42 0.10 0.00	35.63 0.18 0.00	36.83 0.04 0.91	39.20 -0.12 0.83	42.87 -0.13 1.24	44.97 -0.09 1.28	46.02 0.09 0.05	49.78 0.05 0.34	55.68 -0.11 0.00	56.02 -0.06 0.00	56.69 0.95 0.00	49.86 0.98 0.00	45.27 1.02 0.00	40.23 0.94 0.00	38.91 1.02 0.00
QUAKERRD_115KV_BK1 80622	28.78 -0.86 0.00	23.38 -0.50 0.00	21.34 -0.46 0.00	20.61 -0.31 0.00	21.01 -0.41 0.00	24.55 -0.63 0.00	29.23 -1.09 0.00	29.55 -1.26 0.00	31.13 -1.10 0.00	31.07 -1.26 0.00	34.07 -1.38 0.00	34.21 -1.51 1.98	36.78 -1.57 1.80	39.59 -1.95 2.70	41.19 -2.36 2.79	43.38 -2.48 0.11	47.12 -2.20 0.74	52.90 -2.57 0.33	54.05 -2.02 0.01	53.51 -2.23 0.00	47.07 -1.81 0.00	42.97 -1.28 0.00	38.15 -1.14 0.00	36.32 -1.55 0.01
QUENSBRY_115KV_TB8 356137	32.04 2.40 0.00	30.14 2.13 -4.13	23.65 1.85 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.89 1.71 0.00	32.32 2.00 0.00	32.85 2.03 0.00	34.35 2.13 0.00	34.27 1.94 0.00	36.80 1.35 0.00	37.29 1.55 1.96	40.12 1.77 1.79	43.77 2.21 2.69	46.02 2.46 2.78	48.35 2.48 0.11	59.65 2.45 -7.14	59.31 3.52 0.00	59.61 3.53 0.00	58.75 3.01 0.00	51.57 2.69 0.00	47.00 2.74 0.00	41.33 2.04 0.00	39.85 1.97 0.01
RAMAPO___LBMP 323565	31.30 1.66 0.00	25.92 1.70 -0.34	23.26 1.46 0.00	22.24 1.32 0.00	22.73 1.31 0.00	26.31 1.13 0.00	31.59 1.27 0.00	32.48 1.66 0.00	33.90 1.68 0.00	34.04 1.71 0.00	37.26 1.81 0.00	38.02 2.07 1.75	40.77 2.21 1.59	44.38 2.52 2.38	46.85 2.97 2.46	48.73 2.85 0.10	52.42 3.00 0.65	66.91 3.96 -7.15	60.56 4.26 -0.22	59.14 3.40 0.00	51.42 2.54 0.00	46.20 1.95 0.00	40.94 1.65 0.00	39.54 1.67 0.01
RANKINE____ 23646	28.81 -0.83 0.00	23.74 -0.14 0.00	21.64 -0.15 0.00	21.09 0.17 0.00	21.48 0.06 0.00	25.00 -0.18 0.00	29.59 -0.73 0.00	29.71 -1.11 0.00	31.54 -0.68 0.00	31.45 -0.87 0.00	34.25 -1.21 0.00	34.33 -1.36 2.01	37.12 -1.20 1.82	39.74 -1.77 2.74	40.83 -2.69 2.83	43.06 -2.80 0.11	47.27 -2.05 0.75	53.16 -2.34 0.29	54.78 -1.29 0.01	54.18 -1.56 0.00	47.66 -1.22 0.00	43.72 -0.53 0.00	38.90 -0.39 0.00	36.85 -1.02 0.01
RAVENSWOOD_GT2_1 24244	31.84 2.19 0.00	26.33 2.10 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.95 1.64 0.00	33.00 2.19 0.00	34.48 2.26 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.24 3.41 2.41	47.80 3.94 2.48	49.65 3.77 0.10	53.26 3.85 0.66	68.34 4.97 -7.58	61.58 5.27 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.65 2.36 0.00	40.23 2.35 0.01
RAVENSWOOD_GT2_2 24245	31.84 2.19 0.00	26.33 2.10 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.95 1.64 0.00	33.00 2.19 0.00	34.48 2.26 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.24 3.41 2.41	47.80 3.94 2.48	49.65 3.77 0.10	53.26 3.85 0.66	68.34 4.97 -7.58	61.58 5.27 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.65 2.36 0.00	40.23 2.35 0.01

RAVENSWOOD_GT2_3 24246	31.84 2.19 0.00	26.36 2.13 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.64 1.46 0.00	31.98 1.67 0.00	33.03 2.22 0.00	34.51 2.29 0.00	34.69 2.36 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.28 3.45 2.41	47.85 3.99 2.48	49.69 3.82 0.10	53.31 3.90 0.66	68.40 5.02 -7.58	61.64 5.33 -0.24	60.09 4.35 0.00	52.15 3.27 0.00	47.00 2.74 0.00	41.69 2.40 0.00	40.26 2.39 0.01
RAVENSWOOD_GT2_4 24247	31.84 2.19 0.00	26.36 2.13 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.64 1.46 0.00	31.98 1.67 0.00	33.03 2.22 0.00	34.51 2.29 0.00	34.69 2.36 0.00	38.01 2.55 0.00	38.87 2.94 1.77	41.63 3.09 1.61	45.28 3.45 2.41	47.85 3.99 2.48	49.69 3.82 0.10	53.31 3.90 0.66	68.40 5.02 -7.58	61.64 5.33 -0.24	60.09 4.35 0.00	52.15 3.27 0.00	47.00 2.74 0.00	41.69 2.40 0.00	40.26 2.39 0.01
RAVENSWOOD_GT3_1 24248	31.84 2.19 0.00	26.33 2.10 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.65 3.77 0.10	53.31 3.90 0.66	68.34 4.97 -7.58	61.58 5.27 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.69 2.40 0.00	40.23 2.35 0.01
RAVENSWOOD_GT3_2 24249	31.84 2.19 0.00	26.33 2.10 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.65 3.77 0.10	53.31 3.90 0.66	68.34 4.97 -7.58	61.58 5.27 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.69 2.40 0.00	40.23 2.35 0.01
RAVENSWOOD_GT3_3 24250	31.90 2.25 0.00	26.38 2.15 -0.36	23.65 1.85 0.00	22.62 1.69 0.00	23.09 1.67 0.00	26.66 1.49 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.04 2.59 0.00	38.91 2.98 1.77	41.71 3.17 1.61	45.37 3.54 2.41	47.89 4.03 2.48	49.79 3.91 0.10	53.41 4.01 0.66	68.51 5.13 -7.58	61.75 5.44 -0.24	60.20 4.46 0.00	52.25 3.37 0.00	47.09 2.83 0.00	41.77 2.48 0.00	40.30 2.42 0.01
RAVENSWOOD_GT3_4 24251	31.90 2.25 0.00	26.38 2.15 -0.36	23.65 1.85 0.00	22.62 1.69 0.00	23.09 1.67 0.00	26.66 1.49 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.04 2.59 0.00	38.91 2.98 1.77	41.71 3.17 1.61	45.37 3.54 2.41	47.89 4.03 2.48	49.79 3.91 0.10	53.41 4.01 0.66	68.51 5.13 -7.58	61.75 5.44 -0.24	60.20 4.46 0.00	52.25 3.37 0.00	47.09 2.83 0.00	41.77 2.48 0.00	40.30 2.42 0.01
RAVENSWOOD_GT_1 23729	31.99 2.34 0.00	26.46 2.22 -0.36	23.72 1.92 -0.01	22.69 1.76 -0.01	23.19 1.76 -0.01	26.71 1.54 0.00	32.05 1.73 0.00	33.07 2.25 0.00	34.54 2.32 0.00	34.72 2.39 0.00	38.08 2.62 0.00	38.95 3.02 1.77	41.71 3.17 1.61	45.28 3.45 2.41	47.85 3.99 2.48	49.65 3.77 0.10	53.16 3.75 0.66	68.18 4.80 -7.58	61.47 5.16 -0.23	59.86 4.12 0.01	52.00 3.13 0.01	47.04 2.79 0.00	41.81 2.51 0.00	40.42 2.54 0.01
RAVENSWOOD_GT_10 24258	31.84 2.19 0.00	26.33 2.10 -0.35	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.65 3.77 0.10	53.31 3.90 0.66	68.34 4.97 -7.58	61.64 5.33 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.69 2.40 0.00	40.23 2.35 0.01
RAVENSWOOD_GT_11 24259	31.84 2.19 0.00	26.33 2.10 -0.35	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.65 3.77 0.10	53.31 3.90 0.66	68.34 4.97 -7.58	61.64 5.33 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.69 2.40 0.00	40.23 2.35 0.01
RAVENSWOOD_GT_4 24252	31.81 2.16 0.00	26.31 2.08 -0.35	23.58 1.79 0.01	22.55 1.63 0.01	23.04 1.63 0.01	26.61 1.44 0.00	31.95 1.64 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.69 3.82 0.10	53.36 3.96 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.14 4.40 0.01	52.20 3.32 0.00	46.95 2.70 0.00	41.65 2.36 0.00	40.23 2.35 0.01
RAVENSWOOD_GT_5 24254	31.81 2.16 0.00	26.31 2.08 -0.35	23.58 1.79 0.01	22.55 1.63 0.01	23.04 1.63 0.01	26.61 1.44 0.00	31.95 1.64 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.69 3.82 0.10	53.36 3.96 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.14 4.40 0.01	52.20 3.32 0.00	46.95 2.70 0.00	41.65 2.36 0.00	40.23 2.35 0.01
RAVENSWOOD_GT_6 24253	31.81 2.16 0.00	26.31 2.08 -0.35	23.58 1.79 0.01	22.55 1.63 0.01	23.04 1.63 0.01	26.61 1.44 0.00	31.95 1.64 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.69 3.82 0.10	53.36 3.96 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.14 4.40 0.01	52.20 3.32 0.00	46.95 2.70 0.00	41.65 2.36 0.00	40.23 2.35 0.01
RAVENSWOOD_GT_7 24255	31.81 2.16 0.00	26.31 2.08 -0.35	23.58 1.79 0.01	22.55 1.63 0.01	23.04 1.63 0.01	26.61 1.44 0.00	31.95 1.64 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.69 3.82 0.10	53.36 3.96 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.14 4.40 0.01	52.20 3.32 0.00	46.95 2.70 0.00	41.65 2.36 0.00	40.23 2.35 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.84 2.19 0.00	26.33 2.10 -0.35	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.65 3.77 0.10	53.31 3.90 0.66	68.34 4.97 -7.58	61.64 5.33 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.69 2.40 0.00	40.23 2.35 0.01
RAVENSWOOD_GT_9 24257	31.84 2.19 0.00	26.33 2.10 -0.35	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.44 0.00	31.98 1.67 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.28 3.45 2.41	47.80 3.94 2.48	49.65 3.77 0.10	53.31 3.90 0.66	68.34 4.97 -7.58	61.64 5.33 -0.24	60.03 4.29 0.00	52.15 3.27 0.00	46.95 2.70 0.00	41.69 2.40 0.00	40.23 2.35 0.01

RAVENSWOOD___1 23533	31.96 2.31 0.00	26.46 2.22 -0.36	23.70 1.90 -0.01	22.66 1.74 -0.01	23.16 1.73 -0.01	26.69 1.51 0.00	32.01 1.70 0.00	33.04 2.22 0.00	34.51 2.29 0.00	34.68 2.36 0.00	38.04 2.59 0.00	38.95 3.02 1.77	41.67 3.13 1.61	45.19 3.36 2.41	47.52 3.66 2.48	49.65 3.77 0.10	53.06 3.65 0.66	68.06 4.69 -7.58	61.35 5.05 -0.23	59.80 4.07 0.01	52.00 3.13 0.01	47.00 2.74 0.00	41.92 2.63 0.00	40.42 2.54 0.01
RAVENSWOOD___2 23534	31.96 2.31 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.66 1.74 -0.01	23.16 1.73 -0.01	26.69 1.51 0.00	32.01 1.70 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.59 2.26 0.00	37.94 2.48 0.00	38.87 2.94 1.77	41.59 3.05 1.61	45.11 3.27 2.41	47.43 3.57 2.48	49.56 3.68 0.10	52.71 3.30 0.66	67.67 4.30 -7.58	60.90 4.60 -0.23	59.35 3.62 0.01	51.71 2.83 0.01	46.91 2.66 0.00	41.84 2.55 0.00	40.30 2.43 0.01
RAVENSWOOD___3 23535	31.84 2.19 0.00	26.34 2.10 -0.36	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.61 1.43 0.00	31.98 1.67 0.00	32.97 2.16 0.00	34.51 2.29 0.00	34.65 2.33 0.00	37.97 2.52 0.00	38.83 2.90 1.77	41.59 3.05 1.61	45.19 3.36 2.41	47.52 3.66 2.48	49.69 3.81 0.10	53.26 3.86 0.66	68.29 4.91 -7.58	61.53 5.22 -0.24	60.03 4.29 0.00	52.15 3.28 0.00	46.95 2.70 0.00	41.81 2.52 0.00	40.27 2.39 0.01
RAVENSWOOD___4 23820	31.92 2.28 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.66 1.74 -0.01	23.16 1.73 -0.01	26.69 1.51 0.00	32.01 1.70 0.00	33.00 2.19 0.00	34.51 2.29 0.00	34.65 2.33 0.00	38.01 2.55 0.00	38.91 2.98 1.77	41.63 3.09 1.61	45.15 3.32 2.41	47.52 3.66 2.48	49.65 3.77 0.10	53.01 3.61 0.66	68.06 4.69 -7.58	61.29 4.99 -0.23	59.75 4.02 0.01	51.95 3.08 0.01	47.00 2.74 0.00	41.88 2.59 0.00	40.38 2.50 0.01
RCPL_TRUST___DRP 24196	31.84 2.19 0.00	26.33 2.10 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.04 2.59 0.00	38.91 2.98 1.77	41.71 3.17 1.61	45.42 3.58 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.51 4.11 0.66	68.56 5.19 -7.58	61.81 5.50 -0.24	60.25 4.51 0.00	52.25 3.37 0.00	47.04 2.79 0.00	41.69 2.40 0.00	40.23 2.35 0.01
RED___ROCHESTER 323720	29.61 -0.03 0.00	24.05 0.17 0.00	21.95 0.15 0.00	21.23 0.31 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.01 -0.30 0.00	30.41 -0.40 0.00	32.03 -0.19 0.00	31.94 -0.39 0.00	35.06 -0.39 0.00	35.25 -0.45 2.00	37.89 -0.44 1.82	40.86 -0.66 2.72	42.98 -0.55 2.81	44.72 -1.15 0.11	48.57 -0.75 0.74	54.30 -1.17 0.33	55.56 -0.51 0.01	55.01 -0.73 0.00	48.49 -0.39 0.00	44.43 0.18 0.00	39.37 0.08 0.00	37.42 -0.45 0.01
REGAN___SOLAR 323812	32.19 2.55 0.00	30.20 2.24 -4.07	23.78 1.98 0.00	22.72 1.80 0.00	23.26 1.84 0.00	27.14 1.97 0.00	32.50 2.18 0.00	32.82 2.00 0.00	34.22 2.00 0.00	34.04 1.71 0.00	37.30 1.84 0.00	37.69 1.96 1.96	40.64 2.29 1.80	44.34 2.79 2.69	46.75 3.20 2.78	49.22 3.35 0.11	53.97 3.80 -0.10	60.71 4.91 0.00	61.57 5.50 0.00	60.98 5.24 0.00	53.72 4.84 0.00	48.64 4.38 0.00	42.79 3.50 0.00	40.98 3.11 0.01
RENSSELAER___COGEN 23796	30.20 0.56 0.00	26.67 0.67 -2.13	22.40 0.61 0.00	21.44 0.52 0.00	21.91 0.49 0.00	25.48 0.30 0.00	30.50 0.18 0.00	31.00 0.19 0.00	32.38 0.16 0.00	32.39 0.06 0.00	35.53 0.07 0.00	36.02 0.23 1.90	38.52 0.12 1.74	41.85 0.22 2.61	43.69 0.05 2.70	46.05 0.18 0.11	38.33 -0.15 11.58	56.30 0.50 0.00	56.75 0.68 0.00	55.85 0.11 0.00	48.98 0.10 0.00	44.17 -0.09 0.00	39.21 -0.08 0.00	37.88 0.00 0.01
REPUBLIC_115KV_BARTNBRK 55605	33.29 3.65 0.00	31.10 3.10 -4.11	24.50 2.70 0.00	23.28 2.36 0.00	23.82 2.40 0.00	27.82 2.64 0.00	33.53 3.21 0.00	34.08 3.27 0.00	35.70 3.48 0.00	35.49 3.17 0.00	38.18 2.73 0.00	38.87 3.13 1.96	41.97 3.61 1.79	45.98 4.42 2.69	48.20 4.63 2.77	50.69 4.83 0.11	62.97 5.36 -7.55	62.77 6.97 0.00	63.08 7.01 0.00	62.21 6.47 0.00	54.79 5.91 0.00	50.14 5.89 0.00	43.65 4.36 0.00	41.85 3.98 0.01
REVERE_CPPR_DRP 24186	30.77 1.13 0.00	24.62 0.88 0.14	22.62 0.83 0.00	21.78 0.86 0.00	22.36 0.94 0.00	26.13 0.96 0.00	31.20 0.88 0.00	31.71 0.89 0.00	33.22 1.00 0.00	33.00 0.68 0.00	36.27 0.82 0.00	36.86 0.94 1.78	39.69 1.16 1.62	43.01 1.19 2.43	45.13 1.30 2.51	47.21 1.33 0.10	51.20 1.80 0.66	57.68 2.29 0.41	59.03 2.97 0.01	58.42 2.68 0.00	51.32 2.44 0.00	46.47 2.21 0.00	41.10 1.81 0.00	39.35 1.48 0.01
REYNLDPA_13_KV_LD 356490	29.38 -0.27 0.00	23.42 -0.45 0.00	21.42 -0.37 0.00	20.59 -0.33 0.00	21.10 -0.32 0.00	25.05 -0.13 0.00	30.44 0.12 0.00	30.97 0.15 0.00	32.38 0.16 0.00	32.62 0.29 0.00	35.77 0.32 0.00	37.15 0.23 0.78	39.64 0.20 0.71	43.40 0.22 1.06	45.43 0.19 1.10	46.25 0.32 0.04	49.98 0.20 0.29	55.85 0.06 0.00	55.85 -0.22 0.00	56.19 0.45 0.00	49.27 0.39 0.00	44.70 0.44 0.00	39.68 0.39 0.00	38.41 0.53 0.00
REYNOLDS_115KV_TB3 80639	30.41 0.77 0.00	27.09 0.84 -2.38	22.56 0.76 0.00	21.59 0.67 0.00	22.06 0.64 0.00	25.65 0.48 0.00	30.65 0.33 0.00	31.16 0.34 0.00	32.54 0.32 0.00	32.55 0.23 0.00	35.70 0.25 0.00	36.17 0.38 1.91	38.71 0.32 1.75	42.14 0.53 2.63	44.14 0.51 2.72	46.33 0.46 0.11	35.31 0.00 14.76	56.86 1.06 0.00	57.31 1.23 0.00	56.41 0.67 0.00	49.42 0.54 0.00	44.61 0.35 0.00	39.57 0.28 0.00	38.22 0.34 0.01
RIVERBAY____ 323610	32.35 2.70 -0.01	26.72 2.48 -0.36	23.96 2.16 -0.01	22.92 1.99 -0.01	23.42 1.99 -0.01	26.94 1.76 0.00	32.20 1.88 0.00	33.19 2.37 0.00	34.61 2.38 0.00	34.78 2.46 0.00	38.15 2.69 0.00	39.02 3.09 1.77	41.79 3.25 1.61	45.37 3.54 2.41	47.99 4.12 2.48	49.79 3.91 0.10	53.31 3.90 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.19 4.46 0.01	52.20 3.32 0.01	47.53 3.27 0.00	42.28 2.99 -0.01	40.84 2.96 0.00
RIVERSDE_115KV_TB3 55908	30.32 0.68 0.00	27.08 0.79 -2.41	22.49 0.70 0.00	21.53 0.61 0.00	22.00 0.58 0.00	25.58 0.40 0.00	30.62 0.30 0.00	31.12 0.31 0.00	32.48 0.26 0.00	32.49 0.16 0.00	35.63 0.18 0.00	36.13 0.34 1.91	38.67 0.28 1.75	42.06 0.44 2.63	44.05 0.42 2.71	46.28 0.41 0.11	37.50 0.05 12.62	56.74 0.95 0.00	57.20 1.12 0.00	56.30 0.56 0.00	49.32 0.44 0.00	44.56 0.31 0.00	39.53 0.24 0.00	38.14 0.27 0.01
ROARING___BROOK_WT_PWR 323790	29.29 -0.35 0.00	23.43 -0.31 0.14	21.49 -0.31 0.00	20.63 -0.29 0.00	21.14 -0.28 0.00	24.85 -0.33 0.00	29.98 -0.33 0.00	30.54 -0.28 0.00	32.03 -0.19 0.00	32.13 -0.19 0.00	35.24 -0.21 0.00	35.67 -0.26 1.77	38.26 -0.28 1.61	41.52 -0.31 2.41	43.53 -0.32 2.49	45.56 -0.32 0.10	49.11 -0.30 0.66	55.15 -0.28 0.37	55.95 -0.11 0.01	55.68 -0.06 0.00	48.88 0.00 0.00	44.25 0.00 0.00	39.29 0.00 0.00	37.88 0.00 0.01

ROCHESRG_115KV_T4 355643	29.23 -0.42 0.00	23.81 -0.07 0.00	21.73 -0.07 0.00	21.03 0.10 0.00	21.42 0.00 0.00	24.97 -0.20 0.00	29.71 -0.61 0.00	30.01 -0.80 0.00	31.61 -0.61 0.00	31.55 -0.78 0.00	34.53 -0.92 0.00	34.70 -0.98 2.02	37.30 -1.00 1.84	40.12 -1.37 2.75	41.64 -1.85 2.85	43.89 -1.98 0.11	47.71 -1.60 0.75	53.63 -1.84 0.33	54.89 -1.18 0.01	54.29 -1.45 0.00	47.76 -1.12 0.00	43.72 -0.53 0.00	38.78 -0.51 0.00	36.93 -0.95 0.01
ROCHESTER_9_IC 23652	29.44 -0.21 0.00	23.95 0.07 0.00	21.84 0.04 0.00	21.13 0.21 0.00	21.53 0.11 0.00	25.13 -0.05 0.00	29.86 -0.45 0.00	30.20 -0.62 0.00	31.83 -0.39 0.00	31.78 -0.55 0.00	34.82 -0.64 0.00	34.99 -0.72 2.00	37.61 -0.72 1.82	40.46 -1.06 2.72	42.00 -1.53 2.81	44.21 -1.66 0.11	48.12 -1.20 0.74	53.96 -1.51 0.33	55.22 -0.84 0.01	54.68 -1.06 0.00	48.10 -0.78 0.00	44.03 -0.22 0.00	39.05 -0.24 0.00	37.16 -0.72 0.01
ROCKVIEW_13_KV_LD 356306	31.69 2.05 0.00	26.24 2.01 -0.36	23.54 1.74 0.00	22.51 1.59 0.00	23.01 1.59 0.00	26.59 1.41 0.00	31.95 1.64 0.00	32.97 2.16 0.00	34.44 2.22 0.00	34.59 2.26 0.00	37.90 2.45 0.00	38.72 2.79 1.77	41.51 2.97 1.61	45.20 3.36 2.41	47.75 3.89 2.49	49.60 3.72 0.10	53.36 3.96 0.66	68.45 5.08 -7.58	61.75 5.44 -0.24	60.20 4.46 0.00	52.30 3.42 0.00	47.00 2.74 0.00	41.65 2.36 0.00	40.19 2.31 0.01
ROME____115KV_TB2 80656	30.77 1.13 0.00	24.62 0.88 0.14	22.62 0.83 0.00	21.78 0.86 0.00	22.36 0.94 0.00	26.13 0.96 0.00	31.20 0.88 0.00	31.71 0.89 0.00	33.22 1.00 0.00	33.00 0.68 0.00	36.27 0.82 0.00	36.86 0.94 1.78	39.69 1.16 1.62	43.01 1.19 2.43	45.13 1.30 2.51	47.21 1.33 0.10	51.20 1.80 0.66	57.68 2.29 0.41	59.03 2.97 0.01	58.42 2.68 0.00	51.32 2.44 0.00	46.47 2.21 0.00	41.10 1.81 0.00	39.35 1.48 0.01
ROSETON____1 23587	31.30 1.66 0.00	25.93 1.70 -0.35	23.26 1.46 0.00	22.26 1.34 0.00	22.75 1.33 0.00	26.33 1.16 0.00	31.59 1.27 0.00	32.42 1.60 0.00	33.86 1.64 0.00	33.94 1.62 0.00	37.19 1.74 0.00	37.97 2.03 1.76	40.67 2.13 1.60	44.23 2.39 2.40	46.50 2.64 2.48	48.68 2.80 0.10	52.26 2.85 0.65	67.01 3.74 -7.47	60.35 4.04 -0.23	58.97 3.23 0.00	51.37 2.49 0.00	46.16 1.90 0.00	41.06 1.77 0.00	39.62 1.74 0.01
ROSETON____2 23588	31.30 1.66 0.00	25.93 1.70 -0.35	23.26 1.46 0.00	22.26 1.34 0.00	22.75 1.33 0.00	26.33 1.16 0.00	31.59 1.27 0.00	32.42 1.60 0.00	33.86 1.64 0.00	33.94 1.62 0.00	37.19 1.74 0.00	37.97 2.03 1.76	40.67 2.13 1.60	44.23 2.39 2.40	46.50 2.64 2.48	48.68 2.80 0.10	52.26 2.85 0.65	67.01 3.74 -7.47	60.35 4.04 -0.23	58.97 3.23 0.00	51.37 2.49 0.00	46.16 1.90 0.00	41.06 1.77 0.00	39.62 1.74 0.01
ROTRRDAM_115KV_TB3 80664	30.71 1.07 0.00	29.43 1.07 -4.48	22.75 0.96 0.00	21.78 0.86 0.00	22.28 0.86 0.00	25.93 0.76 0.00	31.11 0.79 0.00	31.59 0.77 0.00	33.03 0.81 0.00	33.00 0.68 0.00	36.13 0.67 0.00	36.52 0.79 1.97	39.23 0.88 1.80	42.60 1.06 2.70	44.80 1.25 2.79	47.11 1.24 0.11	51.54 1.30 -0.18	57.34 1.79 0.25	58.09 2.02 0.01	57.36 1.62 0.00	50.25 1.37 0.00	45.49 1.24 0.00	40.31 1.02 0.00	38.82 0.95 0.01
RUSSELL____1 23602	29.61 -0.03 0.00	24.05 0.17 0.00	21.95 0.15 0.00	21.23 0.31 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.01 -0.30 0.00	30.35 -0.46 0.00	32.03 -0.19 0.00	31.94 -0.39 0.00	35.03 -0.43 0.00	35.25 -0.45 2.00	37.89 -0.44 1.82	40.77 -0.75 2.72	42.33 -1.20 2.81	44.53 -1.33 0.11	48.47 -0.85 0.74	54.35 -1.12 0.33	55.62 -0.45 0.01	55.02 -0.72 0.00	48.44 -0.44 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.38 -0.49 0.01
RUSSELL____2 23532	29.61 -0.03 0.00	24.05 0.17 0.00	21.95 0.15 0.00	21.23 0.31 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.01 -0.30 0.00	30.35 -0.46 0.00	32.03 -0.19 0.00	31.94 -0.39 0.00	35.03 -0.43 0.00	35.25 -0.45 2.00	37.89 -0.44 1.82	40.77 -0.75 2.72	42.33 -1.20 2.81	44.53 -1.33 0.11	48.47 -0.85 0.74	54.35 -1.12 0.33	55.62 -0.45 0.01	55.02 -0.72 0.00	48.44 -0.44 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.38 -0.49 0.01
RUSSELL____3 23549	29.61 -0.03 0.00	24.05 0.17 0.00	21.95 0.15 0.00	21.23 0.31 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.01 -0.30 0.00	30.35 -0.46 0.00	32.03 -0.19 0.00	31.94 -0.39 0.00	35.03 -0.43 0.00	35.25 -0.45 2.00	37.89 -0.44 1.82	40.77 -0.75 2.72	42.33 -1.20 2.81	44.53 -1.33 0.11	48.47 -0.85 0.74	54.35 -1.12 0.33	55.62 -0.45 0.01	55.02 -0.72 0.00	48.44 -0.44 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.38 -0.49 0.01
RUSSELL____4 23556	29.61 -0.03 0.00	24.05 0.17 0.00	21.95 0.15 0.00	21.23 0.31 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.01 -0.30 0.00	30.35 -0.46 0.00	32.03 -0.19 0.00	31.94 -0.39 0.00	35.03 -0.43 0.00	35.25 -0.45 2.00	37.89 -0.44 1.82	40.77 -0.75 2.72	42.33 -1.20 2.81	44.53 -1.33 0.11	48.47 -0.85 0.74	54.35 -1.12 0.33	55.62 -0.45 0.01	55.02 -0.72 0.00	48.44 -0.44 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.38 -0.49 0.01
RUSSELL____STATION 23914	29.61 -0.03 0.00	24.05 0.17 0.00	21.95 0.15 0.00	21.23 0.31 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.01 -0.30 0.00	30.35 -0.46 0.00	32.03 -0.19 0.00	31.94 -0.39 0.00	35.03 -0.43 0.00	35.25 -0.45 2.00	37.89 -0.44 1.82	40.77 -0.75 2.72	42.33 -1.20 2.81	44.53 -1.33 0.11	48.47 -0.85 0.74	54.35 -1.12 0.33	55.62 -0.45 0.01	55.02 -0.72 0.00	48.44 -0.44 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.38 -0.49 0.01
S SALMON____HYD 24043	29.67 0.03 0.00	23.81 0.05 0.11	21.86 0.07 0.00	21.05 0.13 0.00	21.55 0.13 0.00	25.18 0.00 0.00	30.07 -0.24 0.00	30.48 -0.34 0.00	31.90 -0.32 0.00	31.81 -0.52 0.00	34.99 -0.46 0.00	36.80 -0.41 0.48	39.34 -0.36 0.44	43.10 -0.49 0.66	45.20 -0.46 0.68	45.26 -0.69 0.03	49.29 -0.60 0.18	54.95 -0.50 0.34	56.12 0.06 0.01	55.68 -0.06 0.00	49.03 0.15 0.00	44.61 0.35 0.00	39.49 0.20 0.00	37.77 -0.11 0.00
S.PERRY__115KV_TB1 80734	30.12 0.47 0.00	24.45 0.57 0.00	22.34 0.54 0.00	21.69 0.77 0.00	22.13 0.71 0.00	25.91 0.73 0.00	30.71 0.39 0.00	30.94 0.12 0.00	32.41 0.19 0.00	32.16 -0.16 0.00	35.14 -0.32 0.00	35.35 -0.45 1.90	38.06 -0.36 1.72	39.53 -2.12 2.58	40.99 -2.69 2.67	43.25 -2.62 0.11	47.36 -2.00 0.70	53.34 -2.18 0.28	54.94 -1.12 0.01	54.74 -1.00 0.00	48.49 -0.39 0.00	44.43 0.18 0.00	39.37 0.08 0.00	38.48 0.61 0.01
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.64 -1.01 0.00	23.59 -0.29 0.00	21.51 -0.28 0.00	20.94 0.02 0.00	21.34 -0.09 0.00	24.80 -0.38 0.00	29.35 -0.97 0.00	29.43 -1.39 0.00	31.19 -1.03 0.00	31.10 -1.23 0.00	33.86 -1.60 0.00	33.90 -1.77 2.02	36.62 -1.69 1.84	39.18 -2.30 2.76	40.25 -3.24 2.85	42.51 -3.36 0.11	46.61 -2.70 0.75	52.43 -3.07 0.30	54.05 -2.02 0.01	53.45 -2.29 0.00	47.02 -1.86 0.00	43.19 -1.06 0.00	38.47 -0.83 0.00	36.47 -1.40 0.01

SITHE___BATAVIA 24024	29.76 0.12 0.00	24.28 0.41 0.00	22.14 0.35 0.00	21.53 0.61 0.00	21.89 0.47 0.00	25.55 0.38 0.00	30.23 -0.09 0.00	30.60 -0.21 0.00	32.25 0.03 0.00	32.10 -0.22 0.00	35.10 -0.35 0.00	35.21 -0.49 2.00	37.93 -0.40 1.81	40.81 -0.71 2.72	42.88 -0.65 2.81	44.44 -1.43 0.11	48.52 -0.80 0.74	54.14 -1.34 0.31	55.73 -0.33 0.01	55.35 -0.39 0.00	48.83 -0.05 0.00	44.96 0.71 0.00	39.84 0.55 0.00	37.65 -0.23 0.01
SITHE___INDEPEND 23800	29.02 -0.62 0.00	23.38 -0.38 0.12	21.45 -0.35 0.00	20.63 -0.29 0.00	21.08 -0.34 0.00	24.62 -0.55 0.00	29.53 -0.79 0.00	29.89 -0.92 0.00	31.29 -0.93 0.00	31.29 -1.03 0.00	34.32 -1.13 0.00	30.21 -1.24 6.24	33.19 -1.28 5.67	34.27 -1.46 8.51	35.93 -1.62 8.79	43.97 -1.66 0.35	46.09 -1.65 2.32	53.66 -1.79 0.35	54.55 -1.51 0.01	54.01 -1.73 0.00	47.41 -1.47 0.00	43.01 -1.24 0.00	38.19 -1.10 0.00	36.60 -1.25 0.04
SITHE___MASSENA 23902	29.29 -0.35 0.00	23.35 -0.53 0.00	21.34 -0.46 0.00	20.50 -0.42 0.00	21.04 -0.38 0.00	24.97 -0.20 0.00	30.41 0.09 0.00	30.94 0.12 0.00	32.32 0.10 0.00	32.55 0.23 0.00	35.70 0.25 0.00	37.02 0.11 0.79	39.50 0.08 0.72	43.25 0.09 1.08	45.27 0.05 1.12	45.98 0.05 0.04	49.82 0.05 0.30	55.74 -0.06 0.00	55.80 -0.28 0.00	56.08 0.34 0.00	49.17 0.30 0.00	44.70 0.44 0.00	39.68 0.39 0.00	38.41 0.53 0.00
SITHE___OGDNSBRG 24021	29.61 -0.03 0.00	23.45 -0.43 0.00	21.45 -0.35 0.00	20.63 -0.29 0.00	21.25 -0.17 0.00	25.30 0.13 0.00	30.77 0.45 0.00	31.25 0.43 0.00	32.54 0.32 0.00	32.68 0.36 0.00	35.84 0.39 0.00	37.10 0.26 0.86	39.56 0.20 0.78	43.29 0.22 1.18	45.41 0.28 1.22	46.34 0.41 0.05	50.19 0.45 0.32	56.13 0.33 0.00	56.41 0.34 0.00	57.08 1.34 0.00	50.20 1.32 0.00	45.58 1.33 0.00	40.47 1.18 0.00	39.13 1.25 0.00
SITHE___STERLING 23777	30.56 0.92 0.00	24.53 0.79 0.14	22.54 0.74 0.00	21.67 0.75 0.00	22.23 0.81 0.00	25.96 0.78 0.00	31.04 0.73 0.00	31.53 0.71 0.00	33.03 0.81 0.00	32.88 0.55 0.00	36.09 0.64 0.00	36.70 0.75 1.76	39.47 0.92 1.60	42.82 0.97 2.40	44.93 1.07 2.48	46.94 1.06 0.10	50.81 1.40 0.65	57.07 1.67 0.40	58.36 2.30 0.01	57.74 2.00 0.00	50.74 1.86 0.00	45.94 1.68 0.00	40.67 1.37 0.00	38.94 1.06 0.01
SLEIGHT__34_KV_TB1 80719	29.38 -0.27 0.00	23.81 -0.07 0.00	21.73 -0.07 0.00	20.98 0.06 0.00	21.40 -0.02 0.00	25.03 -0.15 0.00	29.83 -0.49 0.00	30.26 -0.55 0.00	31.83 -0.39 0.00	31.78 -0.55 0.00	34.89 -0.57 0.00	35.40 -0.64 1.66	38.03 -0.60 1.51	41.09 -0.88 2.27	42.75 -1.25 2.34	44.55 -1.33 0.09	48.39 -1.05 0.62	54.30 -1.17 0.33	55.39 -0.67 0.01	54.79 -0.95 0.00	48.20 -0.68 0.00	43.94 -0.31 0.00	38.94 -0.35 0.00	37.08 -0.80 0.01
SMITHTWN_69_KV_BK 1 55830	32.17 2.52 -0.01	26.77 2.53 -0.36	23.89 2.09 0.00	22.80 1.88 0.00	23.24 1.82 0.00	26.76 1.59 0.00	32.45 2.12 -0.01	33.60 2.77 -0.01	34.94 2.71 -0.01	35.02 2.68 -0.01	40.26 2.91 -1.90	41.61 3.20 -0.71	42.96 3.05 0.24	45.98 3.23 1.50	44.87 3.57 5.04	46.93 3.45 2.49	56.67 3.25 -3.36	69.93 4.41 -9.73	64.37 4.82 -3.47	68.86 3.96 -9.16	53.64 3.23 -1.54	57.40 2.74 -10.41	43.19 2.67 -1.22	41.99 2.88 -1.22
SOUTH CAIRO___GT 23612	31.07 1.42 0.00	26.34 0.98 -1.48	22.99 1.20 0.00	21.97 1.05 0.00	22.43 1.01 0.00	26.23 1.06 0.00	31.47 1.15 0.00	31.83 1.02 0.00	33.16 0.93 0.00	33.00 0.68 0.00	36.09 0.64 0.00	36.67 0.83 1.86	39.29 0.84 1.70	42.84 1.15 2.55	44.82 1.11 2.64	47.11 1.24 0.11	45.23 2.25 7.09	60.52 3.46 -1.27	59.93 3.81 -0.04	58.14 2.40 0.00	51.23 2.35 0.00	46.07 1.81 0.00	40.63 1.34 0.00	39.20 1.33 0.01
SOUTH HAMPTN___IC 23720	31.99 2.34 -0.01	26.73 2.48 -0.36	23.82 2.03 0.00	22.72 1.80 0.00	23.15 1.73 0.00	26.63 1.46 0.00	32.30 1.97 -0.01	33.72 2.90 -0.01	34.81 2.58 -0.01	34.89 2.55 -0.01	39.83 2.59 -1.79	41.29 3.02 -0.58	42.97 3.13 0.31	45.91 3.27 1.61	44.65 3.43 5.12	46.88 3.59 2.68	58.86 3.61 -5.19	70.26 4.85 -9.62	64.81 5.44 -3.30	66.57 4.68 -6.15	53.91 3.62 -1.41	52.37 2.92 -5.19	43.51 3.07 -1.16	42.18 3.14 -1.15
SOUTHDOW_115KV_TB1 355954	29.41 -0.24 0.00	24.24 0.36 0.00	22.06 0.26 0.00	21.59 0.67 0.00	22.04 0.62 0.00	25.70 0.53 0.00	30.68 0.36 0.00	31.06 0.25 0.00	33.03 0.81 0.00	33.00 0.68 0.00	36.02 0.57 0.00	36.13 0.41 1.98	39.06 0.72 1.80	41.89 0.35 2.71	42.76 -0.79 2.80	44.85 -1.01 0.11	49.28 -0.05 0.74	55.46 -0.06 0.28	56.63 0.56 0.01	56.07 0.33 0.00	49.32 0.44 0.00	45.18 0.93 0.00	40.19 0.90 0.00	37.99 0.11 0.01
SOUTHOLD_69_KV_BK 2 55809	32.17 2.52 -0.01	26.87 2.63 -0.36	23.93 2.14 0.00	22.82 1.90 0.00	23.26 1.84 0.00	26.76 1.59 0.00	32.57 2.24 -0.01	34.03 3.20 -0.01	35.16 2.93 -0.01	35.21 2.88 -0.01	40.30 3.05 -1.79	41.78 3.51 -0.58	43.45 3.61 0.31	46.48 3.85 1.61	45.44 4.22 5.12	47.30 4.00 2.68	59.53 4.26 -5.21	71.10 5.69 -9.62	65.65 6.28 -3.30	67.35 5.46 -6.15	54.35 4.06 -1.41	52.73 3.27 -5.20	43.24 2.79 -1.16	42.41 3.37 -1.16
SOUTHOLD___IC 23719	32.17 2.52 -0.01	26.87 2.63 -0.36	23.93 2.14 0.00	22.82 1.90 0.00	23.26 1.84 0.00	26.76 1.59 0.00	32.54 2.21 -0.01	34.00 3.17 -0.01	35.16 2.93 -0.01	35.21 2.88 -0.01	40.12 2.87 -1.79	41.67 3.39 -0.58	43.45 3.61 0.31	46.44 3.81 1.61	45.21 3.99 5.12	47.34 4.05 2.68	59.48 4.21 -5.21	71.05 5.63 -9.62	65.54 6.17 -3.30	67.30 5.41 -6.15	54.40 4.11 -1.41	52.73 3.27 -5.20	43.75 3.30 -1.16	42.57 3.52 -1.16
SOUTH_FORK_WT_PWR 323839	31.97 2.31 -0.01	26.73 2.48 -0.36	23.78 1.98 0.00	22.68 1.76 0.00	23.13 1.71 0.00	26.61 1.43 0.00	32.42 2.09 -0.01	33.88 3.05 -0.01	35.00 2.77 -0.01	35.05 2.72 -0.01	39.87 2.62 -1.79	41.44 3.17 -0.58	43.16 3.33 0.31	46.13 3.49 1.61	44.79 3.57 5.12	46.88 3.59 2.68	58.97 3.70 -5.20	70.49 5.08 -9.62	65.03 5.66 -3.30	66.79 4.91 -6.15	53.86 3.57 -1.41	52.24 2.79 -5.20	43.32 2.87 -1.16	42.34 3.29 -1.15
SPIERFLS_115KV_TB 1 80737	31.87 2.22 0.00	30.04 2.01 -4.15	23.56 1.77 0.00	22.47 1.55 0.00	22.98 1.56 0.00	26.79 1.61 0.00	32.20 1.88 0.00	32.70 1.88 0.00	34.19 1.97 0.00	34.10 1.78 0.00	36.55 1.10 0.00	37.06 1.32 1.96	39.84 1.49 1.79	43.46 1.90 2.69	45.65 2.09 2.78	48.03 2.16 0.11	58.86 2.00 -6.79	58.75 2.96 0.00	59.10 3.03 0.00	58.19 2.45 0.00	51.13 2.25 0.00	46.60 2.35 0.00	41.02 1.73 0.00	39.54 1.67 0.01
ST LAWRENCE____ 23600	29.11 -0.53 0.00	23.23 -0.64 0.00	21.21 -0.59 0.00	20.38 -0.54 0.00	20.91 -0.51 0.00	24.82 -0.35 0.00	30.11 -0.21 0.00	30.63 -0.18 0.00	32.03 -0.19 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	36.74 -0.19 0.77	39.20 -0.24 0.70	42.93 -0.26 1.05	44.93 -0.32 1.09	45.66 -0.27 0.04	49.48 -0.30 0.29	55.35 -0.45 0.00	55.40 -0.67 0.00	55.68 -0.06 0.00	48.83 -0.05 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.96 0.08 0.00

STATE_CA_115KV_115_LB 55624	30.38 0.74 0.00	27.37 0.79 -2.71	22.51 0.72 0.00	21.53 0.61 0.00	22.02 0.60 0.00	25.60 0.43 0.00	30.65 0.33 0.00	31.19 0.37 0.00	32.48 0.26 0.00	32.52 0.19 0.00	35.67 0.21 0.00	36.16 0.38 1.92	38.72 0.32 1.75	42.10 0.49 2.63	44.09 0.46 2.71	46.33 0.46 0.11	40.51 0.35 9.91	56.97 1.17 0.00	57.36 1.29 0.00	56.46 0.72 0.00	49.47 0.59 0.00	44.70 0.44 0.00	39.60 0.31 0.00	38.22 0.34 0.01
STATE_ST_34_KV_LOAD 55959	29.85 0.21 0.00	24.17 0.29 0.00	22.08 0.28 0.00	21.28 0.36 0.00	21.70 0.28 0.00	25.43 0.25 0.00	30.44 0.12 0.00	30.88 0.06 0.00	32.41 0.19 0.00	32.36 0.03 0.00	35.53 0.07 0.00	37.15 0.08 0.63	39.74 0.16 0.57	43.34 -0.04 0.85	45.28 -0.19 0.88	45.67 -0.28 0.04	49.83 0.00 0.23	55.65 0.17 0.31	56.68 0.62 0.01	56.07 0.33 0.00	49.27 0.39 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.85 -0.04 0.00
STATION_5_MISC_HYD 23604	29.44 -0.21 0.00	23.95 0.07 0.00	21.84 0.04 0.00	21.13 0.21 0.00	21.53 0.11 0.00	25.13 -0.05 0.00	29.86 -0.45 0.00	30.26 -0.55 0.00	31.84 -0.39 0.00	31.78 -0.55 0.00	34.85 -0.60 0.00	34.98 -0.72 2.00	37.65 -0.68 1.82	40.59 -0.93 2.72	42.60 -0.93 2.81	44.39 -1.47 0.11	48.22 -1.10 0.74	53.97 -1.50 0.33	55.22 -0.84 0.01	54.68 -1.06 0.00	48.20 -0.68 0.00	44.12 -0.13 0.00	39.13 -0.16 0.00	37.20 -0.68 0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.27 0.62 0.00	24.45 0.57 0.00	22.32 0.52 0.00	21.57 0.65 0.00	21.98 0.56 0.00	25.73 0.55 0.00	30.68 0.36 0.00	31.19 0.37 0.00	32.83 0.61 0.00	32.75 0.42 0.00	35.99 0.53 0.00	37.00 0.53 1.23	39.59 0.56 1.11	42.97 0.40 1.67	44.80 0.19 1.73	45.95 0.05 0.07	50.06 0.45 0.46	55.86 0.39 0.33	56.96 0.90 0.01	56.35 0.61 0.00	49.61 0.73 0.00	45.27 1.02 0.00	40.12 0.83 0.00	38.15 0.27 0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.29 -0.36 0.00	23.78 -0.10 0.00	21.71 -0.09 0.00	21.00 0.08 0.00	21.40 -0.02 0.00	24.97 -0.20 0.00	29.71 -0.61 0.00	30.08 -0.74 0.00	31.67 -0.55 0.00	31.61 -0.71 0.00	34.67 -0.78 0.00	34.84 -0.87 1.99	37.49 -0.84 1.81	40.34 -1.19 2.71	41.92 -1.62 2.80	44.12 -1.75 0.11	47.97 -1.35 0.74	53.79 -1.67 0.33	55.00 -1.07 0.01	54.46 -1.28 0.00	47.90 -0.98 0.00	43.81 -0.44 0.00	38.86 -0.43 0.00	36.97 -0.91 0.01
STA_56___34_KV_BUS2 355983	29.29 -0.36 0.00	23.78 -0.10 0.00	21.71 -0.09 0.00	21.00 0.08 0.00	21.40 -0.02 0.00	24.97 -0.20 0.00	29.71 -0.61 0.00	30.08 -0.74 0.00	31.67 -0.55 0.00	31.61 -0.71 0.00	34.67 -0.78 0.00	34.84 -0.87 1.99	37.49 -0.84 1.81	40.34 -1.19 2.71	41.92 -1.62 2.80	44.12 -1.75 0.11	47.97 -1.35 0.74	53.79 -1.67 0.33	55.00 -1.07 0.01	54.46 -1.28 0.00	47.90 -0.98 0.00	43.81 -0.44 0.00	38.86 -0.43 0.00	36.97 -0.91 0.01
STA_67___115KV_BK2 355882	29.38 -0.27 0.00	23.88 0.00 0.00	21.80 0.00 0.00	21.09 0.17 0.00	21.48 0.06 0.00	25.08 -0.10 0.00	29.80 -0.52 0.00	30.14 -0.68 0.00	31.74 -0.48 0.00	31.68 -0.65 0.00	34.71 -0.74 0.00	34.87 -0.83 2.00	37.52 -0.80 1.82	40.32 -1.19 2.73	41.86 -1.67 2.82	44.07 -1.79 0.11	47.97 -1.35 0.74	53.85 -1.62 0.33	55.11 -0.95 0.01	54.51 -1.23 0.00	48.00 -0.88 0.00	43.90 -0.35 0.00	38.98 -0.31 0.00	37.08 -0.80 0.01
STA_7___115KV_9TRANS 80674	29.61 -0.03 0.00	24.05 0.17 0.00	21.95 0.15 0.00	21.23 0.31 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.01 -0.30 0.00	30.35 -0.46 0.00	32.03 -0.19 0.00	31.94 -0.39 0.00	35.03 -0.43 0.00	35.25 -0.45 2.00	37.89 -0.44 1.82	40.77 -0.75 2.72	42.33 -1.20 2.81	44.53 -1.33 0.11	48.47 -0.85 0.74	54.35 -1.12 0.33	55.62 -0.45 0.01	55.02 -0.72 0.00	48.44 -0.44 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.38 -0.49 0.01
STA_82___115KV_TB1 80780	29.38 -0.27 0.00	23.90 0.02 0.00	21.80 0.00 0.00	21.09 0.17 0.00	21.48 0.06 0.00	25.08 -0.10 0.00	29.83 -0.49 0.00	30.14 -0.68 0.00	31.77 -0.45 0.00	31.68 -0.65 0.00	34.71 -0.74 0.00	34.89 -0.83 1.98	37.54 -0.80 1.80	40.39 -1.15 2.70	41.93 -1.62 2.79	44.12 -1.75 0.11	47.98 -1.35 0.74	53.85 -1.62 0.33	55.11 -0.95 0.01	54.51 -1.23 0.00	48.00 -0.88 0.00	43.94 -0.31 0.00	38.98 -0.31 0.00	37.08 -0.80 0.01
STEEL___WIND 323596	28.81 -0.83 0.00	23.76 -0.12 0.00	21.64 -0.15 0.00	21.09 0.17 0.00	21.51 0.09 0.00	25.00 -0.18 0.00	29.62 -0.70 0.00	29.83 -0.99 0.00	31.54 -0.68 0.00	31.49 -0.84 0.00	34.32 -1.14 0.00	34.37 -1.32 2.01	37.15 -1.17 1.82	39.96 -1.55 2.74	41.80 -1.71 2.83	43.33 -2.53 0.11	47.47 -1.85 0.75	53.16 -2.34 0.29	54.78 -1.29 0.01	54.29 -1.45 0.00	47.80 -1.08 0.00	43.90 -0.36 0.00	38.97 -0.32 0.00	36.89 -0.99 0.01
STEPHTWN_115KV_BK_2 55603	30.50 0.86 0.00	26.89 0.88 -2.13	22.60 0.81 0.00	21.61 0.69 0.00	22.08 0.66 0.00	25.70 0.53 0.00	30.80 0.49 0.00	31.34 0.52 0.00	32.74 0.52 0.00	32.71 0.39 0.00	35.88 0.43 0.00	36.40 0.60 1.90	38.96 0.56 1.74	42.42 0.80 2.61	44.38 0.74 2.70	46.60 0.74 0.11	39.08 0.60 11.58	57.30 1.51 0.00	57.76 1.68 0.00	56.80 1.06 0.00	49.76 0.88 0.00	44.92 0.66 0.00	39.80 0.51 0.00	38.37 0.49 0.01
STEUBEN_REC_LFGE 323667	29.26 -0.39 0.00	23.90 0.02 0.00	21.84 0.04 0.00	21.26 0.33 0.00	21.74 0.32 0.00	25.50 0.33 0.00	30.38 0.06 0.00	30.69 -0.12 0.00	32.38 0.16 0.00	32.26 -0.06 0.00	35.24 -0.21 0.00	35.58 -0.34 1.78	38.36 -0.16 1.62	41.06 -0.75 2.43	42.49 -1.34 2.51	44.31 -1.56 0.10	48.70 -0.70 0.66	55.05 -0.50 0.24	56.74 0.67 0.01	56.30 0.56 0.00	49.66 0.78 0.00	45.32 1.06 0.00	40.27 0.98 0.00	38.29 0.42 0.01
STILLWATER___SOLAR 323814	31.54 1.90 0.00	29.61 1.74 -3.99	23.34 1.55 0.00	22.30 1.38 0.00	22.81 1.39 0.00	26.53 1.36 0.00	31.83 1.52 0.00	32.26 1.45 0.00	33.70 1.48 0.00	33.62 1.29 0.00	36.62 1.17 0.00	37.10 1.36 1.95	39.84 1.49 1.79	43.38 1.81 2.68	45.52 1.95 2.77	47.98 2.12 0.11	62.33 2.15 -10.11	58.86 3.07 0.00	59.33 3.25 0.00	58.53 2.79 0.00	51.37 2.49 0.00	46.51 2.26 0.00	41.14 1.85 0.00	39.69 1.82 0.01
STONY___BROOK 24151	32.11 2.46 -0.01	26.75 2.51 -0.36	23.87 2.07 0.00	22.78 1.86 0.00	23.22 1.80 0.00	26.71 1.54 0.00	32.39 2.06 -0.01	33.57 2.74 -0.01	34.87 2.64 -0.01	34.92 2.59 -0.01	39.98 2.66 -1.87	41.39 3.02 -0.67	42.94 3.05 0.26	45.81 3.10 1.52	44.53 3.24 5.06	46.79 3.35 2.54	57.83 2.95 -4.81	69.57 4.07 -9.70	63.99 4.49 -3.43	67.02 3.74 -7.55	53.50 3.13 -1.49	54.56 2.70 -7.60	43.48 2.98 -1.21	42.08 2.99 -1.20
STURGEON_POOL_HYD 23609	31.69 2.05 0.00	26.52 2.03 -0.61	23.52 1.72 0.00	22.47 1.55 0.00	22.94 1.52 0.00	26.66 1.49 0.00	32.05 1.73 0.00	32.91 2.10 0.00	34.38 2.16 0.00	34.46 2.13 0.00	37.72 2.27 0.00	38.61 2.68 1.77	41.43 2.89 1.61	45.15 3.32 2.41	47.88 4.03 2.49	49.92 4.05 0.10	52.61 4.46 1.91	67.06 5.64 -5.63	62.19 5.94 -0.18	60.65 4.91 0.00	52.89 4.01 0.00	47.26 3.01 0.00	41.81 2.51 0.00	40.34 2.46 0.01

ST_LAW_115_BK7_LBMP 345037	29.08 -0.56 0.00	23.19 -0.69 0.00	21.19 -0.61 0.00	20.33 -0.59 0.00	20.86 -0.56 0.00	24.80 -0.38 0.00	30.11 -0.21 0.00	30.63 -0.18 0.00	32.03 -0.19 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	36.70 -0.22 0.78	39.16 -0.28 0.71	42.92 -0.26 1.06	44.93 -0.32 1.10	45.66 -0.27 0.04	49.48 -0.30 0.29	55.35 -0.45 0.00	55.34 -0.73 0.00	55.63 -0.11 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.29 0.00 0.00	38.00 0.11 0.00
ST_LAW_115_BK8_LBMP 345038	29.08 -0.56 0.00	23.19 -0.69 0.00	21.19 -0.61 0.00	20.33 -0.59 0.00	20.86 -0.56 0.00	24.80 -0.38 0.00	30.11 -0.21 0.00	30.63 -0.18 0.00	32.03 -0.19 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	36.70 -0.22 0.78	39.16 -0.28 0.71	42.92 -0.26 1.06	44.93 -0.32 1.10	45.66 -0.27 0.04	49.48 -0.30 0.29	55.35 -0.45 0.00	55.34 -0.73 0.00	55.63 -0.11 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.29 0.00 0.00	38.00 0.11 0.00
ST_LAW_230_BK5_LBMP 345035	29.11 -0.53 0.00	23.23 -0.64 0.00	21.21 -0.59 0.00	20.38 -0.54 0.00	20.91 -0.51 0.00	24.82 -0.35 0.00	30.11 -0.21 0.00	30.63 -0.18 0.00	32.03 -0.19 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	36.74 -0.19 0.77	39.21 -0.24 0.70	42.93 -0.26 1.05	44.94 -0.32 1.08	45.66 -0.27 0.04	49.48 -0.30 0.29	55.35 -0.45 0.00	55.40 -0.67 0.00	55.68 -0.06 0.00	48.83 -0.05 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.96 0.08 0.00
ST_LAW_230_BK6_LBMP 345036	29.11 -0.53 0.00	23.23 -0.64 0.00	21.21 -0.59 0.00	20.38 -0.54 0.00	20.91 -0.51 0.00	24.82 -0.35 0.00	30.11 -0.21 0.00	30.63 -0.18 0.00	32.03 -0.19 0.00	32.26 -0.06 0.00	35.38 -0.07 0.00	36.74 -0.19 0.77	39.21 -0.24 0.70	42.93 -0.26 1.05	44.94 -0.32 1.08	45.66 -0.27 0.04	49.48 -0.30 0.29	55.35 -0.45 0.00	55.40 -0.67 0.00	55.68 -0.06 0.00	48.83 -0.05 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.96 0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.18 1.54 0.00	25.81 1.60 -0.33	23.17 1.37 0.00	22.15 1.23 0.00	22.64 1.22 0.00	26.23 1.06 0.00	31.50 1.18 0.00	32.33 1.51 0.00	33.77 1.55 0.00	33.88 1.55 0.00	37.08 1.63 0.00	37.89 1.92 1.73	40.58 2.01 1.57	44.23 2.34 2.36	46.69 2.78 2.43	48.59 2.71 0.10	52.28 2.85 0.64	66.28 3.74 -6.75	60.32 4.04 -0.21	58.97 3.23 0.00	51.32 2.44 0.00	46.11 1.86 0.00	40.86 1.57 0.00	39.47 1.59 0.01
SWANROAD_115KV_TB1 355699	28.28 -1.36 0.00	23.35 -0.53 0.00	21.29 -0.50 0.00	20.71 -0.21 0.00	21.10 -0.32 0.00	24.52 -0.65 0.00	28.92 -1.39 0.00	28.97 -1.85 0.00	30.71 -1.51 0.00	30.61 -1.71 0.00	33.26 -2.20 0.00	33.31 -2.38 2.02	35.90 -2.41 1.83	38.40 -3.10 2.75	39.47 -4.03 2.84	41.68 -4.18 0.11	45.76 -3.55 0.75	51.48 -4.02 0.30	53.04 -3.03 0.01	52.51 -3.23 0.00	46.19 -2.69 0.00	42.53 -1.73 0.00	37.88 -1.41 0.00	35.91 -1.97 0.01
SYNERGY___BIOGAS 323694	29.76 0.12 0.00	24.28 0.41 0.00	22.14 0.35 0.00	21.53 0.61 0.00	21.89 0.47 0.00	25.55 0.38 0.00	30.23 -0.09 0.00	30.54 -0.28 0.00	32.25 0.03 0.00	32.07 -0.26 0.00	35.06 -0.39 0.00	35.21 -0.49 2.00	37.89 -0.44 1.81	40.64 -0.88 2.72	42.00 -1.53 2.81	44.16 -1.70 0.11	48.32 -1.00 0.74	54.20 -1.28 0.31	55.78 -0.28 0.01	55.29 -0.45 0.00	48.78 -0.10 0.00	44.83 0.58 0.00	39.80 0.51 0.00	37.61 -0.27 0.01
SYRACUSE___ENERGY_ST1 323597	29.73 0.09 0.00	23.94 0.17 0.10	21.97 0.17 0.00	21.13 0.21 0.00	21.57 0.15 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.69 -0.12 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.31 -0.14 0.00	37.10 -0.15 0.45	39.62 -0.12 0.41	43.41 -0.22 0.61	45.34 -0.37 0.63	45.49 -0.46 0.03	49.60 -0.30 0.17	55.24 -0.22 0.33	56.18 0.11 0.01	55.52 -0.22 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.58 -0.30 0.00
SYRACUSE___ENERGY_ST2 323598	29.73 0.09 0.00	23.94 0.17 0.10	21.97 0.17 0.00	21.13 0.21 0.00	21.57 0.15 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.69 -0.12 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.31 -0.14 0.00	37.10 -0.15 0.45	39.62 -0.12 0.41	43.41 -0.22 0.61	45.34 -0.37 0.63	45.49 -0.46 0.03	49.60 -0.30 0.17	55.24 -0.22 0.33	56.18 0.11 0.01	55.52 -0.22 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.58 -0.30 0.00
SYRACUSE___POWER 24017	29.76 0.12 0.00	24.09 0.21 0.00	22.01 0.22 0.00	21.17 0.25 0.00	21.63 0.21 0.00	25.28 0.10 0.00	30.26 -0.06 0.00	30.72 -0.09 0.00	32.19 -0.03 0.00	32.20 -0.13 0.00	35.35 -0.11 0.00	36.40 -0.11 1.19	39.03 -0.04 1.08	42.49 -0.13 1.62	44.39 -0.28 1.67	45.59 -0.32 0.07	49.47 -0.15 0.44	55.41 -0.06 0.33	56.40 0.34 0.01	55.68 -0.06 0.00	48.93 0.05 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.62 -0.27 0.01
TALLMAN_138KV_BK151 55660	31.39 1.75 0.00	25.99 1.77 -0.34	23.30 1.50 0.00	22.30 1.38 0.00	22.79 1.37 0.00	26.36 1.18 0.00	31.65 1.33 0.00	32.54 1.73 0.00	33.99 1.77 0.00	34.14 1.81 0.00	37.37 1.91 0.00	38.14 2.19 1.75	40.89 2.33 1.59	44.52 2.65 2.38	46.99 3.11 2.46	48.91 3.03 0.10	52.62 3.20 0.65	67.06 4.13 -7.13	60.78 4.49 -0.22	59.31 3.57 0.00	51.57 2.69 0.00	46.33 2.08 0.00	41.06 1.77 0.00	39.66 1.78 0.01
TEALLAVE_115KV_TB7 355573	29.70 0.06 0.00	23.96 0.19 0.11	21.97 0.17 0.00	21.13 0.21 0.00	21.59 0.17 0.00	25.23 0.05 0.00	30.20 -0.12 0.00	30.66 -0.15 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.28 -0.18 0.00	36.27 -0.15 1.28	38.86 -0.12 1.16	42.28 -0.22 1.74	44.17 -0.37 1.80	45.49 -0.41 0.07	49.29 -0.30 0.48	55.23 -0.22 0.34	56.23 0.17 0.01	55.57 -0.17 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.21 -0.08 0.00	37.54 -0.34 0.01
TELGRAPH_34_KV_EAST 80808	28.99 -0.65 0.00	23.81 -0.07 0.00	21.71 -0.09 0.00	21.13 0.21 0.00	21.51 0.09 0.00	25.03 -0.15 0.00	29.59 -0.73 0.00	29.74 -1.08 0.00	31.51 -0.71 0.00	31.39 -0.94 0.00	34.21 -1.24 0.00	34.30 -1.39 2.01	36.96 -1.36 1.82	39.61 -1.90 2.73	40.78 -2.73 2.82	43.01 -2.85 0.11	47.12 -2.20 0.75	52.92 -2.57 0.31	54.49 -1.57 0.01	53.96 -1.78 0.00	47.51 -1.37 0.00	43.68 -0.58 0.00	38.82 -0.47 0.00	36.78 -1.10 0.01
TEMPLE___115KV_TB 2 55572	29.73 0.09 0.00	23.96 0.19 0.11	21.99 0.20 0.00	21.15 0.23 0.00	21.61 0.19 0.00	25.25 0.08 0.00	30.23 -0.09 0.00	30.66 -0.15 0.00	32.16 -0.06 0.00	32.16 -0.16 0.00	35.31 -0.14 0.00	36.24 -0.15 1.31	38.87 -0.08 1.19	42.28 -0.18 1.79	44.17 -0.32 1.85	45.49 -0.41 0.07	49.33 -0.25 0.49	55.29 -0.17 0.34	56.23 0.17 0.01	55.57 -0.17 0.00	48.78 -0.10 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.54 -0.34 0.01
TIANA___69_KV_BK 1 55817	31.94 2.28 -0.01	26.70 2.46 -0.36	23.80 2.01 0.00	22.72 1.80 0.00	23.16 1.74 0.00	26.64 1.46 0.00	32.24 1.91 -0.01	33.66 2.84 -0.01	34.74 2.51 -0.01	34.83 2.49 -0.01	39.98 2.73 -1.79	41.37 3.09 -0.58	42.85 3.01 0.31	45.86 3.23 1.61	44.79 3.57 5.12	46.75 3.45 2.68	58.77 3.50 -5.20	70.21 4.80 -9.62	64.70 5.33 -3.30	66.46 4.57 -6.15	53.81 3.52 -1.41	52.28 2.83 -5.20	42.96 2.51 -1.16	41.96 2.92 -1.16

TILDEN___115KV_TB1 80814	29.76 0.12 0.00	24.09 0.21 0.00	22.01 0.22 0.00	21.17 0.25 0.00	21.63 0.21 0.00	25.28 0.10 0.00	30.26 -0.06 0.00	30.72 -0.09 0.00	32.19 -0.03 0.00	32.20 -0.13 0.00	35.35 -0.11 0.00	36.40 -0.11 1.19	39.03 -0.04 1.08	42.49 -0.13 1.62	44.39 -0.28 1.67	45.59 -0.32 0.07	49.47 -0.15 0.44	55.41 -0.06 0.33	56.40 0.34 0.01	55.68 -0.06 0.00	48.93 0.05 0.00	44.34 0.09 0.00	39.33 0.04 0.00	37.62 -0.27 0.01
TRIGEN___CC 323695	31.97 2.31 -0.02	26.52 2.27 -0.37	23.74 1.94 0.00	22.66 1.74 0.00	23.11 1.69 0.00	26.66 1.49 0.00	32.25 1.91 -0.02	33.15 2.31 -0.02	34.69 2.45 -0.02	34.77 2.42 -0.02	50.96 2.66 -12.84	55.75 3.05 -15.00	50.84 3.01 -7.68	58.33 3.27 -10.82	53.91 3.52 -4.04	67.80 3.45 -18.37	65.95 3.50 -12.38	82.39 4.46 -22.13	83.00 4.82 -22.11	69.38 3.96 -9.69	61.46 3.13 -9.45	52.76 2.66 -5.85	50.07 2.48 -8.31	48.73 2.50 -8.35
TRINITY___115KV___4 BK 55933	30.27 0.62 0.00	26.81 0.72 -2.21	22.45 0.65 0.00	21.46 0.54 0.00	21.96 0.54 0.00	25.53 0.35 0.00	30.56 0.24 0.00	31.06 0.25 0.00	32.41 0.19 0.00	32.42 0.10 0.00	35.60 0.14 0.00	36.06 0.26 1.90	38.60 0.20 1.75	41.98 0.35 2.62	43.96 0.32 2.70	46.19 0.32 0.11	38.74 0.00 11.33	56.58 0.78 0.00	57.03 0.95 0.00	56.13 0.39 0.00	49.17 0.29 0.00	44.43 0.18 0.00	39.41 0.12 0.00	38.03 0.15 0.01
UNION___PROCESSING_DRP 323587	29.38 -0.27 0.00	23.90 0.02 0.00	21.82 0.02 0.00	21.11 0.19 0.00	21.51 0.09 0.00	25.10 -0.08 0.00	29.83 -0.49 0.00	30.14 -0.68 0.00	31.77 -0.45 0.00	31.71 -0.61 0.00	34.75 -0.71 0.00	34.93 -0.79 1.97	37.55 -0.80 1.79	40.40 -1.15 2.69	41.94 -1.62 2.78	44.12 -1.75 0.11	47.98 -1.35 0.73	53.85 -1.62 0.33	55.11 -0.95 0.01	54.57 -1.17 0.00	48.00 -0.88 0.00	43.94 -0.31 0.00	38.98 -0.31 0.00	37.12 -0.76 0.01
UPPER HUDSON___HYD 24058	31.87 2.22 0.00	30.04 2.01 -4.15	23.56 1.76 0.00	22.47 1.55 0.00	22.98 1.56 0.00	26.79 1.61 0.00	32.17 1.85 0.00	32.67 1.85 0.00	34.19 1.97 0.00	34.10 1.78 0.00	36.55 1.10 0.00	37.06 1.32 1.96	39.84 1.49 1.79	43.46 1.90 2.69	45.56 1.99 2.78	48.03 2.16 0.11	58.86 2.00 -6.79	58.70 2.90 0.00	59.04 2.97 0.00	58.14 2.40 0.00	51.13 2.25 0.00	46.60 2.34 0.00	40.98 1.69 0.00	39.58 1.71 0.01
UPPER RAQUET___HYD 24056	28.55 -1.10 0.00	22.66 -1.22 0.00	20.71 -1.09 0.00	19.92 -1.00 0.00	20.48 -0.94 0.00	24.19 -0.98 0.00	29.50 -0.82 0.00	30.01 -0.80 0.00	31.35 -0.87 0.00	31.52 -0.81 0.00	34.60 -0.85 0.00	35.74 -1.02 0.94	37.93 -1.37 0.85	41.41 -1.55 1.28	43.40 -1.62 1.32	44.36 -1.56 0.05	48.16 -1.55 0.35	53.72 -1.84 0.23	54.10 -1.96 0.01	54.57 -1.17 0.00	47.90 -0.98 0.00	43.54 -0.71 0.00	38.82 -0.47 0.00	37.54 -0.34 0.00
VALLEY44_115KV_TB2 355964	28.78 -0.86 0.00	23.71 -0.17 0.00	21.60 -0.20 0.00	21.03 0.10 0.00	21.44 0.02 0.00	24.95 -0.23 0.00	29.62 -0.70 0.00	29.92 -0.89 0.00	31.67 -0.55 0.00	31.65 -0.68 0.00	34.46 -0.99 0.00	34.59 -1.13 1.98	37.34 -1.00 1.80	40.04 -1.50 2.70	41.00 -2.55 2.79	43.11 -2.76 0.11	47.27 -2.05 0.74	53.29 -2.23 0.27	54.89 -1.18 0.01	54.24 -1.50 0.00	47.66 -1.22 0.00	43.55 -0.71 0.00	38.86 -0.43 0.00	36.82 -1.06 0.01
VALLEY___115KV_TB 1-4 80826	29.67 0.03 0.00	23.84 0.14 0.18	21.95 0.15 0.00	21.07 0.15 0.00	21.61 0.19 0.00	25.23 0.05 0.00	30.23 -0.09 0.00	30.72 -0.09 0.00	32.16 -0.06 0.00	32.10 -0.23 0.00	35.24 -0.21 0.00	35.19 -0.19 2.32	37.88 -0.16 2.11	40.86 -0.22 3.16	42.89 -0.19 3.26	45.62 -0.23 0.13	49.00 -0.20 0.86	55.26 -0.06 0.48	56.28 0.22 0.02	55.57 -0.17 0.00	48.73 -0.15 0.00	44.17 -0.09 0.00	39.21 -0.08 0.00	37.72 -0.15 0.01
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.01 1.36 0.00	25.56 1.24 -0.44	22.97 1.18 0.00	22.07 1.15 0.00	22.62 1.20 0.00	26.31 1.13 0.00	31.47 1.15 0.00	32.05 1.23 0.00	33.54 1.32 0.00	33.46 1.13 0.00	36.69 1.24 0.00	37.20 1.43 1.93	40.04 1.65 1.75	43.38 1.77 2.63	45.57 1.95 2.72	47.85 1.98 0.11	51.60 2.25 0.72	58.47 2.68 0.00	59.27 3.20 0.00	58.47 2.73 0.00	51.23 2.35 0.00	46.33 2.08 0.00	41.10 1.81 0.00	39.47 1.59 0.01
VISCHER___FERRY HYD 24020	31.18 1.54 0.00	28.79 1.51 -3.40	23.13 1.33 0.00	22.13 1.21 0.00	22.62 1.20 0.00	26.31 1.13 0.00	31.50 1.18 0.00	31.92 1.11 0.00	33.35 1.13 0.00	33.29 0.97 0.00	36.45 0.99 0.00	36.97 1.21 1.93	39.62 1.25 1.77	43.09 1.51 2.66	45.18 1.58 2.74	47.52 1.65 0.11	72.36 1.60 -20.70	58.72 2.51 -0.41	58.78 2.69 -0.01	57.86 2.12 0.00	50.74 1.86 0.00	45.80 1.55 0.00	40.63 1.34 0.00	39.32 1.44 0.01
V_A_10_SYNC_DSASP 323832	28.66 -0.98 0.00	23.52 -0.36 0.00	21.47 -0.33 0.00	20.82 -0.10 0.00	21.21 -0.21 0.00	24.70 -0.48 0.00	29.26 -1.06 0.00	29.37 -1.45 0.00	31.06 -1.16 0.00	30.97 -1.36 0.00	33.75 -1.70 0.00	33.79 -1.85 2.07	36.42 -1.85 1.88	38.99 -2.43 2.82	40.24 -3.20 2.91	42.50 -3.36 0.12	46.44 -2.85 0.77	52.25 -3.24 0.31	53.71 -2.36 0.01	53.18 -2.56 0.00	46.78 -2.10 0.00	42.93 -1.33 0.00	38.19 -1.10 0.00	36.28 -1.59 0.01
V_CMM_10_SYNC_DSASP 323787	29.23 -0.42 0.00	23.31 -0.57 0.00	21.29 -0.50 0.00	20.46 -0.46 0.00	20.97 -0.45 0.00	24.92 -0.25 0.00	30.29 -0.03 0.00	30.82 0.00 0.00	32.19 -0.03 0.00	32.42 0.10 0.00	35.60 0.14 0.00	36.92 0.00 0.78	39.40 -0.04 0.71	43.14 -0.04 1.06	45.16 -0.09 1.10	45.89 -0.05 0.04	49.72 -0.05 0.29	55.63 -0.17 0.00	55.68 -0.39 0.00	55.91 0.17 0.00	49.03 0.15 0.00	44.48 0.22 0.00	39.49 0.20 0.00	38.19 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	29.29 -0.35 0.00	23.35 -0.53 0.00	21.34 -0.46 0.00	20.52 -0.40 0.00	21.06 -0.36 0.00	25.05 -0.13 0.00	30.50 0.18 0.00	31.06 0.25 0.00	32.54 0.32 0.00	32.78 0.45 0.00	35.91 0.46 0.00	37.23 0.30 0.77	39.73 0.28 0.70	43.51 0.31 1.05	45.54 0.28 1.08	46.35 0.41 0.04	50.23 0.45 0.29	56.24 0.44 0.00	56.41 0.34 0.00	56.74 1.00 0.00	49.76 0.88 0.00	45.14 0.88 0.00	40.00 0.71 0.00	38.68 0.80 0.00
V_D_10_SYNC_DSASP 323841	29.29 -0.35 0.00	23.35 -0.53 0.00	21.34 -0.46 0.00	20.50 -0.42 0.00	21.04 -0.38 0.00	24.97 -0.20 0.00	30.41 0.09 0.00	30.94 0.12 0.00	32.32 0.10 0.00	32.55 0.23 0.00	35.74 0.28 0.00	37.02 0.11 0.79	39.50 0.08 0.72	43.25 0.09 1.08	45.27 0.05 1.12	45.98 0.05 0.04	49.82 0.05 0.30	55.74 -0.06 0.00	55.80 -0.28 0.00	56.08 0.34 0.00	49.17 0.30 0.00	44.70 0.44 0.00	39.68 0.39 0.00	38.41 0.53 0.00
V_E_10_SYNC_DSASP 323830	31.54 1.90 0.00	25.53 1.53 -0.12	23.30 1.50 0.00	22.53 1.61 0.00	23.22 1.80 0.00	27.21 2.04 0.00	32.44 2.12 0.00	33.04 2.22 0.00	34.57 2.35 0.00	34.10 1.78 0.00	37.33 1.88 0.00	38.05 2.15 1.80	41.04 2.53 1.63	44.40 2.61 2.45	46.64 2.83 2.53	48.77 2.90 0.10	52.95 3.55 0.67	60.09 4.30 0.00	61.57 5.50 0.00	61.09 5.35 0.00	53.72 4.84 0.00	48.64 4.38 0.00	42.98 3.69 0.00	40.98 3.11 0.01

V_F_30_NSYNC___DSASP 323816	31.54 1.90 0.00	29.68 1.74 -4.06	23.34 1.55 0.00	22.30 1.38 0.00	22.81 1.39 0.00	26.56 1.38 0.00	31.86 1.55 0.00	32.30 1.48 0.00	33.77 1.55 0.00	33.68 1.36 0.00	36.69 1.24 0.00	37.18 1.43 1.95	39.96 1.61 1.79	43.50 1.94 2.68	45.61 2.04 2.77	48.07 2.21 0.11	60.99 2.30 -8.62	58.92 3.12 0.00	59.44 3.36 0.00	58.58 2.84 0.00	51.42 2.54 0.00	46.60 2.34 0.00	41.18 1.89 0.00	39.73 1.86 0.01
V_F_30_SYNC_DSASP 323786	30.38 0.74 0.00	27.33 0.79 -2.67	22.51 0.72 0.00	21.53 0.61 0.00	22.02 0.60 0.00	25.60 0.43 0.00	30.65 0.33 0.00	31.19 0.37 0.00	32.48 0.26 0.00	32.52 0.19 0.00	35.67 0.21 0.00	36.16 0.38 1.92	38.72 0.32 1.75	42.10 0.49 2.62	44.10 0.46 2.71	46.33 0.46 0.11	40.39 0.35 10.02	56.97 1.17 0.00	57.36 1.29 0.00	56.46 0.72 0.00	49.47 0.59 0.00	44.70 0.44 0.00	39.60 0.31 0.00	38.22 0.34 0.01
V_XM_10_SYNC_DSASP 323789	29.29 -0.35 0.00	23.35 -0.53 0.00	21.34 -0.46 0.00	20.52 -0.40 0.00	21.06 -0.36 0.00	25.05 -0.13 0.00	30.50 0.18 0.00	31.06 0.25 0.00	32.54 0.32 0.00	32.78 0.45 0.00	35.91 0.46 0.00	37.23 0.30 0.77	39.73 0.28 0.70	43.51 0.31 1.05	45.54 0.28 1.08	46.35 0.41 0.04	50.23 0.45 0.29	56.24 0.44 0.00	56.41 0.34 0.00	56.74 1.00 0.00	49.76 0.88 0.00	45.14 0.88 0.00	40.00 0.71 0.00	38.68 0.80 0.00
W.BABYLN_69_KV_BK1 56697	32.38 2.73 -0.01	26.89 2.65 -0.37	24.02 2.22 0.00	22.93 2.01 0.00	23.37 1.95 0.00	26.91 1.74 0.00	32.66 2.33 -0.01	33.72 2.90 -0.01	35.13 2.90 -0.01	35.21 2.88 -0.01	42.55 3.12 -3.98	44.60 3.47 -3.43	44.87 3.45 -1.27	48.65 3.58 -0.82	46.83 3.89 3.40	51.14 3.82 -1.34	64.91 3.85 -10.99	72.85 4.97 -12.09	68.48 5.38 -7.02	63.84 4.51 -3.58	55.39 3.57 -2.94	46.86 3.10 0.49	44.77 2.91 -2.57	43.57 3.11 -2.58
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.45 1.81 0.00	26.06 1.84 -0.34	23.36 1.57 0.00	22.34 1.42 0.00	22.83 1.41 0.00	26.41 1.23 0.00	31.74 1.42 0.00	32.63 1.82 0.00	34.09 1.87 0.00	34.20 1.87 0.00	37.44 1.99 0.00	38.25 2.30 1.75	40.96 2.41 1.59	44.60 2.74 2.39	47.12 3.24 2.47	49.05 3.17 0.10	52.72 3.30 0.65	67.32 4.30 -7.23	60.90 4.60 -0.23	59.47 3.73 0.00	51.71 2.84 0.00	46.42 2.17 0.00	41.18 1.89 0.00	39.77 1.89 0.01
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.84 2.19 0.00	26.33 2.10 -0.35	23.63 1.83 0.00	22.59 1.67 0.00	23.09 1.67 0.00	26.64 1.46 0.00	32.02 1.70 0.00	33.07 2.25 0.00	34.57 2.35 0.00	34.72 2.39 0.00	38.04 2.59 0.00	38.91 2.98 1.77	41.71 3.17 1.61	45.42 3.58 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.51 4.11 0.66	68.56 5.19 -7.58	61.81 5.50 -0.24	60.25 4.51 0.00	52.25 3.37 0.00	47.04 2.79 0.00	41.69 2.40 0.00	40.23 2.35 0.01
W50THST__13_KV_LOAD 356117	31.96 2.31 0.00	26.45 2.22 -0.35	23.71 1.92 0.00	22.68 1.76 0.00	23.18 1.76 0.00	26.76 1.59 0.00	32.17 1.85 0.00	33.25 2.43 0.00	34.80 2.58 0.00	34.94 2.62 0.00	38.33 2.87 0.00	39.21 3.28 1.77	42.03 3.49 1.61	45.73 3.89 2.41	48.31 4.45 2.48	50.15 4.28 0.10	53.91 4.51 0.66	69.01 5.64 -7.58	62.26 5.94 -0.24	60.59 4.85 0.00	52.59 3.71 0.00	47.31 3.05 0.00	41.92 2.63 0.00	40.45 2.58 0.01
WADING RIVER_IC_1 23522	31.61 1.96 -0.01	26.46 2.22 -0.36	23.58 1.79 0.00	22.51 1.59 0.00	22.94 1.52 0.00	26.38 1.21 0.00	31.87 1.55 -0.01	33.35 2.53 -0.01	34.32 2.09 -0.01	34.37 2.04 -0.01	39.30 2.06 -1.79	40.68 2.41 -0.57	42.24 2.41 0.32	45.10 2.48 1.62	43.77 2.55 5.13	46.04 2.76 2.69	57.77 2.60 -5.10	69.09 3.68 -9.61	63.62 4.26 -3.29	65.49 3.62 -6.13	53.07 2.78 -1.40	51.68 2.26 -5.17	42.96 2.52 -1.15	41.61 2.58 -1.15
WADING RIVER_IC_2 23547	31.61 1.96 -0.01	26.46 2.22 -0.36	23.58 1.79 0.00	22.51 1.59 0.00	22.94 1.52 0.00	26.38 1.21 0.00	31.87 1.55 -0.01	33.35 2.53 -0.01	34.32 2.09 -0.01	34.37 2.04 -0.01	39.30 2.06 -1.79	40.68 2.41 -0.57	42.24 2.41 0.32	45.10 2.48 1.62	43.77 2.55 5.13	46.04 2.76 2.69	57.77 2.60 -5.10	69.09 3.68 -9.61	63.62 4.26 -3.29	65.49 3.62 -6.13	53.07 2.78 -1.40	51.68 2.26 -5.17	42.96 2.52 -1.15	41.61 2.58 -1.15
WADING RIVER_IC_3 23601	31.61 1.96 -0.01	26.46 2.22 -0.36	23.58 1.79 0.00	22.51 1.59 0.00	22.94 1.52 0.00	26.38 1.21 0.00	31.87 1.55 -0.01	33.35 2.53 -0.01	34.32 2.09 -0.01	34.37 2.04 -0.01	39.30 2.06 -1.79	40.68 2.41 -0.57	42.24 2.41 0.32	45.10 2.48 1.62	43.77 2.55 5.13	46.04 2.76 2.69	57.77 2.60 -5.10	69.09 3.68 -9.61	63.62 4.26 -3.29	65.49 3.62 -6.13	53.07 2.78 -1.40	51.68 2.26 -5.17	42.96 2.52 -1.15	41.61 2.58 -1.15
WALDENNY_12_KV_BK2 80841	28.87 -0.77 0.00	23.78 -0.10 0.00	21.66 -0.13 0.00	21.13 0.21 0.00	21.51 0.09 0.00	25.03 -0.15 0.00	29.62 -0.70 0.00	29.74 -1.08 0.00	31.58 -0.64 0.00	31.52 -0.81 0.00	34.32 -1.13 0.00	34.41 -1.28 2.01	37.20 -1.12 1.83	39.82 -1.68 2.74	40.92 -2.60 2.83	43.10 -2.76 0.11	47.36 -1.95 0.75	53.22 -2.29 0.29	54.89 -1.18 0.01	54.24 -1.50 0.00	47.71 -1.17 0.00	43.77 -0.49 0.00	38.94 -0.35 0.00	36.85 -1.02 0.01
WALDEN__HYDRO 24148	31.36 1.72 0.00	26.02 1.77 -0.37	23.28 1.48 0.00	22.28 1.36 0.00	22.75 1.33 0.00	26.38 1.21 0.00	31.71 1.39 0.00	32.54 1.73 0.00	33.96 1.74 0.00	34.04 1.71 0.00	37.30 1.84 0.00	38.10 2.15 1.75	40.85 2.29 1.59	44.47 2.61 2.38	47.03 3.15 2.46	48.96 3.08 0.10	52.67 3.25 0.65	66.96 4.24 -6.93	60.83 4.54 -0.22	59.47 3.73 0.00	51.86 2.98 0.00	46.51 2.26 0.00	41.18 1.89 0.00	39.77 1.89 0.01
WARRENSBURG____ 23737	31.87 2.22 0.00	30.04 2.01 -4.15	23.56 1.77 0.00	22.47 1.55 0.00	22.98 1.56 0.00	26.79 1.61 0.00	32.20 1.88 0.00	32.70 1.88 0.00	34.19 1.97 0.00	34.10 1.78 0.00	36.55 1.10 0.00	37.06 1.32 1.96	39.84 1.49 1.79	43.46 1.90 2.69	45.65 2.09 2.78	48.03 2.16 0.11	58.86 2.00 -6.79	58.75 2.96 0.00	59.10 3.03 0.00	58.19 2.45 0.00	51.13 2.25 0.00	46.60 2.35 0.00	41.02 1.73 0.00	39.54 1.67 0.01
WATERSIDE____6 8 9 23538	31.92 2.28 0.00	26.44 2.20 -0.36	23.70 1.90 -0.01	22.66 1.74 -0.01	23.16 1.74 -0.01	26.69 1.51 0.00	32.02 1.70 0.00	33.03 2.22 0.00	34.51 2.29 0.00	34.69 2.36 0.00	38.01 2.55 0.00	38.91 2.98 1.77	41.63 3.09 1.61	45.24 3.41 2.41	47.80 3.94 2.48	49.60 3.72 0.10	53.06 3.65 0.66	68.12 4.74 -7.58	61.35 5.05 -0.23	59.74 4.01 0.01	51.90 3.03 0.01	47.00 2.74 0.00	41.73 2.44 0.00	40.34 2.46 0.01
WATKINRD_115KV_LN8_ILLION 55919	29.73 0.09 0.00	23.91 0.21 0.18	22.01 0.22 0.00	21.13 0.21 0.00	21.63 0.21 0.00	25.25 0.08 0.00	30.26 -0.06 0.00	30.75 -0.06 0.00	32.16 -0.06 0.00	32.13 -0.19 0.00	35.24 -0.21 0.00	35.23 -0.15 2.32	37.88 -0.16 2.11	40.91 -0.18 3.16	42.94 -0.14 3.26	45.71 -0.14 0.13	49.05 -0.15 0.86	55.31 0.00 0.48	56.40 0.34 0.02	55.68 -0.06 0.00	48.83 -0.05 0.00	44.25 0.00 0.00	39.25 -0.04 0.00	37.76 -0.11 0.01

WDELAWARE___HYD 323627	31.54 1.90 0.00	26.14 1.86 -0.39	23.34 1.55 0.00	22.34 1.42 0.00	22.83 1.41 0.00	26.59 1.41 0.00	31.92 1.61 0.00	32.70 1.88 0.00	34.19 1.97 0.00	34.20 1.87 0.00	37.44 1.98 0.00	38.38 2.38 1.70	41.17 2.57 1.54	44.80 2.87 2.31	47.29 3.34 2.39	49.42 3.54 0.10	53.24 3.80 0.63	66.07 4.85 -5.42	61.46 5.22 -0.17	60.31 4.57 0.00	52.74 3.86 0.00	47.26 3.01 0.00	41.84 2.55 0.00	40.30 2.43 0.01
WEST BABYLON___IC 23714	32.38 2.73 -0.01	26.89 2.65 -0.37	24.02 2.22 0.00	22.93 2.01 0.00	23.37 1.95 0.00	26.91 1.74 0.00	32.66 2.33 -0.01	33.72 2.90 -0.01	35.13 2.90 -0.01	35.21 2.88 -0.01	42.55 3.12 -3.98	44.60 3.47 -3.43	44.87 3.45 -1.27	48.65 3.58 -0.82	46.83 3.89 3.40	51.14 3.82 -1.34	64.91 3.85 -10.99	72.85 4.97 -12.09	68.48 5.38 -7.02	63.84 4.51 -3.58	55.39 3.57 -2.94	46.86 3.10 0.49	44.77 2.91 -2.57	43.57 3.11 -2.58
WEST CANADA___HYD 24049	29.91 0.27 0.00	24.08 0.38 0.18	22.14 0.35 0.00	21.25 0.33 0.00	21.74 0.32 0.00	25.35 0.18 0.00	30.38 0.06 0.00	30.88 0.06 0.00	32.29 0.06 0.00	32.29 -0.03 0.00	35.42 -0.04 0.00	35.38 0.00 2.32	38.08 0.04 2.11	41.13 0.04 3.16	43.17 0.09 3.26	45.94 0.09 0.13	49.25 0.05 0.86	55.54 0.22 0.48	56.56 0.50 0.02	55.91 0.17 0.00	49.03 0.15 0.00	44.39 0.13 0.00	39.41 0.12 0.00	37.91 0.04 0.01
WESTERN_NY_WIND 24143	29.73 0.09 0.00	24.26 0.38 0.00	22.12 0.33 0.00	21.51 0.59 0.00	21.89 0.47 0.00	25.53 0.35 0.00	30.20 -0.12 0.00	30.48 -0.34 0.00	32.22 0.00 0.00	32.04 -0.29 0.00	35.03 -0.43 0.00	35.17 -0.53 2.00	37.85 -0.48 1.82	40.59 -0.93 2.73	41.95 -1.58 2.82	44.07 -1.79 0.11	48.27 -1.05 0.74	54.15 -1.34 0.31	55.73 -1.34 0.01	55.24 -0.50 0.00	48.73 -0.15 0.00	44.78 0.53 0.00	39.72 0.43 0.00	37.57 -0.30 0.01
WESTOVER___LESR 323668	29.91 0.27 0.00	24.33 0.45 0.00	22.23 0.44 0.00	21.42 0.50 0.00	21.89 0.47 0.00	25.50 0.33 0.00	30.47 0.15 0.00	30.94 0.12 0.00	32.48 0.26 0.00	32.42 0.10 0.00	35.53 0.07 0.00	35.84 0.08 1.94	38.54 0.16 1.76	41.64 0.04 2.64	43.47 -0.14 2.73	45.64 -0.23 0.11	49.44 0.10 0.72	56.02 0.22 0.00	56.92 0.84 0.00	56.19 0.45 0.00	49.32 0.44 0.00	44.74 0.49 0.00	39.68 0.39 0.00	37.99 0.11 0.01
WETHRSFD_WT_PWR 323626	28.55 -1.10 0.00	23.42 -0.45 0.00	21.40 -0.39 0.00	20.88 -0.04 0.00	21.40 -0.02 0.00	24.95 -0.23 0.00	29.59 -0.73 0.00	29.74 -1.08 0.00	31.38 -0.84 0.00	31.29 -1.04 0.00	34.14 -1.31 0.00	34.25 -1.51 1.94	36.97 -1.41 1.77	39.73 -1.86 2.65	41.61 -1.99 2.74	43.20 -2.67 0.11	47.24 -2.10 0.72	53.07 -2.45 0.27	54.72 -1.35 0.01	54.46 -1.28 0.00	48.05 -0.83 0.00	44.03 -0.22 0.00	39.13 -0.16 0.00	37.16 -0.72 0.01
WHAVSTOR_138KV_BK127 55557	31.39 1.75 0.00	25.99 1.77 -0.34	23.30 1.50 0.00	22.30 1.38 0.00	22.79 1.37 0.00	26.36 1.18 0.00	31.65 1.33 0.00	32.54 1.73 0.00	33.99 1.77 0.00	34.10 1.78 0.00	37.37 1.91 0.00	38.13 2.19 1.75	40.84 2.29 1.59	44.46 2.61 2.39	46.94 3.06 2.47	48.87 2.99 0.10	52.52 3.10 0.65	67.12 4.07 -7.25	60.68 4.37 -0.23	59.25 3.51 0.00	51.52 2.64 0.00	46.29 2.04 0.00	41.06 1.77 0.00	39.66 1.78 0.01
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.39 1.75 0.00	25.99 1.77 -0.34	23.30 1.50 0.00	22.30 1.38 0.00	22.79 1.37 0.00	26.36 1.18 0.00	31.65 1.33 0.00	32.54 1.73 0.00	33.99 1.77 0.00	34.10 1.78 0.00	37.37 1.91 0.00	38.13 2.19 1.75	40.84 2.29 1.59	44.46 2.61 2.39	46.94 3.06 2.47	48.87 2.99 0.10	52.52 3.10 0.65	67.12 4.07 -7.25	60.68 4.37 -0.23	59.25 3.51 0.00	51.52 2.64 0.00	46.29 2.04 0.00	41.06 1.77 0.00	39.66 1.78 0.01
WHITEHAL_115KV_TB1 80871	32.55 2.91 0.00	30.52 2.53 -4.11	24.00 2.20 0.00	22.85 1.92 0.00	23.37 1.95 0.00	27.27 2.09 0.00	32.83 2.52 0.00	33.34 2.53 0.00	34.86 2.64 0.00	34.69 2.36 0.00	37.33 1.88 0.00	37.89 2.15 1.96	40.84 2.49 1.79	44.65 3.10 2.69	46.86 3.29 2.77	49.27 3.40 0.11	61.27 3.65 -7.55	60.87 5.08 0.00	61.23 5.16 0.00	60.37 4.63 0.00	53.08 4.20 0.00	48.41 4.16 0.00	42.36 3.06 0.00	40.72 2.84 0.01
WHITEPLN_13_KV_LOAD 356215	31.81 2.16 0.00	26.33 2.10 -0.35	23.60 1.81 0.00	22.57 1.65 0.00	23.07 1.65 0.00	26.69 1.51 0.00	32.05 1.73 0.00	33.16 2.34 0.00	34.67 2.45 0.00	34.78 2.46 0.00	38.15 2.69 0.00	39.02 3.09 1.77	41.83 3.29 1.61	45.60 3.76 2.41	48.17 4.31 2.49	50.06 4.18 0.10	53.91 4.51 0.66	69.21 5.86 -7.56	62.42 6.11 -0.24	60.87 5.13 0.00	52.84 3.96 0.00	47.35 3.10 0.00	41.92 2.63 0.00	40.42 2.54 0.01
WM_FLOYD_69_KV_BK2 356380	31.91 2.25 -0.01	26.65 2.41 -0.36	23.78 1.98 0.00	22.70 1.78 0.00	23.13 1.71 0.00	26.61 1.44 0.00	32.21 1.88 -0.01	33.54 2.71 -0.01	34.65 2.42 -0.01	34.73 2.39 -0.01	39.87 2.59 -1.83	41.22 2.90 -0.62	42.63 2.77 0.28	45.59 2.92 1.57	44.50 3.24 5.09	46.49 3.13 2.62	58.76 3.05 -5.65	69.69 4.24 -9.66	64.25 4.82 -3.36	66.06 4.07 -6.25	53.44 3.13 -1.44	52.23 2.61 -5.36	42.87 2.40 -1.18	41.79 2.73 -1.18
WOODARD___115KV_TB2 355635	29.67 0.03 0.00	23.89 0.12 0.11	21.93 0.13 0.00	21.09 0.17 0.00	21.55 0.13 0.00	25.18 0.00 0.00	30.17 -0.15 0.00	30.60 -0.22 0.00	32.06 -0.16 0.00	32.07 -0.26 0.00	35.21 -0.25 0.00	36.56 -0.23 0.91	39.11 -0.20 0.83	42.69 -0.31 1.25	44.59 -0.46 1.29	45.42 -0.51 0.05	49.32 -0.40 0.34	55.12 -0.33 0.34	56.06 0.00 0.01	55.41 -0.33 0.00	48.68 -0.20 0.00	44.17 -0.09 0.00	39.13 -0.16 0.00	37.47 -0.42 0.00
WOODMERE_69_KV_BK1 55827	32.36 2.70 -0.02	26.83 2.58 -0.37	24.02 2.22 0.00	22.95 2.03 0.00	23.39 1.97 0.00	26.96 1.79 0.00	32.64 2.30 -0.02	33.54 2.71 -0.02	35.10 2.87 -0.02	35.19 2.84 -0.02	71.06 3.16 -32.45	81.91 3.62 -40.60	65.67 3.65 -21.87	80.20 4.07 -31.89	67.71 4.36 -17.01	101.17 4.28 -50.92	86.80 4.46 -32.28	105.50 5.36 -44.34	117.27 5.72 -55.48	85.07 4.85 -24.48	76.88 4.11 -23.89	65.92 3.50 -18.17	63.47 3.18 -20.99	62.06 3.07 -21.11
YORK___WARBASSE 23770	32.14 2.49 -0.01	26.61 2.36 -0.36	23.83 2.03 -0.01	22.79 1.86 -0.01	23.29 1.86 -0.01	26.81 1.64 0.00	32.14 1.82 0.00	33.16 2.34 0.00	34.57 2.35 0.00	34.78 2.46 0.00	38.18 2.73 0.00	39.14 3.20 1.77	41.79 3.25 1.61	45.33 3.50 2.41	47.94 4.08 2.48	49.79 3.91 0.10	53.26 3.85 0.66	68.40 5.02 -7.58	61.69 5.38 -0.23	60.08 4.35 0.01	52.20 3.32 0.01	47.13 2.88 0.00	41.92 2.63 0.00	40.57 2.69 0.01