

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		05/16/2025																										
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	35.12	30.62	26.66	24.06	27.81	34.05	40.15	43.37	44.07	42.86	42.11	42.27	43.11	46.70	51.42	55.03	54.90	60.24	60.74	60.97	57.99	50.49	42.47	37.14			
		2.39	2.48	2.29	2.05	2.25	2.26	2.63	3.32	3.60	3.58	3.58	3.74	3.72	3.82	3.92	4.23	5.17	5.32	5.27	5.39	4.00	3.48	3.26	3.35			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.87	-4.33	-7.87	-8.97	-0.02	-0.67	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	35.02	30.57	26.61	24.02	27.73	33.95	40.00	43.21	43.90	42.78	42.04	42.23	43.07	46.67	51.38	54.87	54.70	59.97	60.46	60.75	57.83	50.49	42.47	37.04			
		2.29	2.42	2.24	2.00	2.17	2.16	2.48	3.16	3.44	3.50	3.51	3.70	3.68	3.78	3.88	4.06	4.97	5.05	4.99	5.17	3.83	3.48	3.26	3.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.87	-4.33	-7.88	-8.97	-0.02	-0.67	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	35.02	30.57	26.61	24.02	27.73	33.95	40.00	43.21	43.90	42.78	42.04	42.23	43.07	46.67	51.38	54.87	54.70	59.97	60.46	60.75	57.83	50.49	42.47	37.04			
		2.29	2.42	2.24	2.00	2.17	2.16	2.48	3.16	3.44	3.50	3.51	3.70	3.68	3.78	3.88	4.06	4.97	5.05	4.99	5.17	3.83	3.48	3.26	3.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.87	-4.33	-7.88	-8.97	-0.02	-0.67	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	34.27	29.75	25.90	23.38	27.17	33.48	39.36	42.21	42.45	40.86	39.92	39.92	38.71	39.83	40.85	43.34	52.53	56.83	58.52	59.08	57.07	49.55	41.30	35.82			
		1.54	1.60	1.54	1.36	1.61	1.68	1.84	2.16	1.98	1.57	1.39	1.39	1.31	1.58	1.78	2.13	2.83	2.60	3.05	3.50	3.08	2.54	2.08	2.03			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.31	0.56	0.63	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	34.37	29.86	25.98	23.47	27.27	33.60	39.51	42.37	42.61	41.01	40.03	40.03	38.86	40.02	41.00	43.54	52.88	57.21	58.80	59.31	57.50	49.88	41.53	35.99			
		1.64	1.72	1.61	1.45	1.71	1.81	1.99	2.32	2.14	1.73	1.50	1.50	1.46	1.77	1.94	2.34	3.18	2.98	3.33	3.72	3.51	2.87	2.31	2.20			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.31	0.56	0.64	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	34.27	29.75	25.90	23.38	27.17	33.48	39.36	42.21	42.45	40.86	39.92	39.92	38.71	39.83	40.85	43.34	52.53	56.83	58.52	59.08	57.07	49.55	41.30	35.82			
		1.54	1.60	1.54	1.36	1.61	1.68	1.84	2.16	1.98	1.57	1.39	1.39	1.31	1.58	1.78	2.13	2.83	2.60	3.05	3.50	3.08	2.54	2.08	2.03			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.31	0.56	0.63	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	33.85	29.61	25.76	23.29	26.96	33.06	38.87	41.81	41.72	40.31	39.19	39.15	38.01	39.10	39.98	42.14	50.89	55.12	56.52	57.31	55.67	48.42	40.79	35.42			
		1.11	1.46	1.39	1.28	1.40	1.27	1.35	1.76	1.26	1.02	0.65	0.61	0.49	0.54	0.36	0.29	1.19	0.87	1.05	1.72	1.68	1.41	1.57	1.62			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	32.96	28.90	25.15	22.74	26.30	32.11	37.68	40.41	40.67	39.48	38.57	38.61	37.48	38.43	39.28	41.31	49.90	54.23	55.58	55.97	54.10	47.11	39.53	34.40			
		0.23	0.76	0.78	0.73	0.74	0.32	0.15	0.36	0.20	0.20	0.04	0.08	0.08	0.15	0.16	0.04	0.20	0.00	0.11	0.39	0.11	0.09	0.31	0.61			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.28	0.50	0.57	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	32.77	27.84	23.90	21.55	25.10	31.57	37.56	40.09	40.51	39.33	38.65	38.61	37.56	38.63	39.62	41.88	49.50	54.25	55.30	55.19	54.15	47.20	39.10	33.22			
		0.03	-0.31	-0.46	-0.46	-0.46	-0.22	0.04	0.04	0.04	0.04	0.12	0.08	0.04	0.08	0.00	0.04	-0.20	0.00	-0.17	-0.39	0.16	0.19	-0.12	-0.57			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	33.55	29.27	25.44	23.01	26.66	32.68	38.32	40.93	41.11	39.76	38.84	38.84	37.86	39.02	40.18	42.47	50.75	55.18	56.47	56.86	55.23	48.09	40.28	35.01			
		0.82	1.13	1.07	0.99	1.10	0.89	0.79	0.88	0.65	0.47	0.31	0.31	0.34	0.46	0.55	0.63	1.05	0.92	1.00	1.28	1.24	1.08	1.06	1.21			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	33.55	29.24	25.44	23.01	26.66	32.68	38.28	40.93	41.11	39.76	38.84	38.80	37.86	39.02	40.14	42.47	50.75	55.18	56.47	56.86	55.18	48.09	40.28	34.98			
		0.82	1.10	1.07	0.99	1.10	0.89	0.75	0.88	0.65	0.47	0.31	0.27	0.34	0.46	0.51	0.63	1.05	0.92	1.00	1.28	1.19	1.08	1.06	1.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	32.96	28.90	25.15	22.74	26.30	32.11	37.68	40.41	40.67	39.48	38.57	38.61	37.48	38.43	39.28	41.31	49.90	54.23	55.58	55.97	54.10	47.11	39.53	34.40			
		0.23	0.76	0.78	0.73	0.74	0.32	0.15	0.36	0.20	0.20	0.04	0.08	0.08	0.15	0.16	0.04	0.20	0.00	0.11	0.39	0.11	0.09	0.31	0.61			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.28	0.50	0.57	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	32.96 0.23 0.00	28.90 0.76 0.00	25.15 0.78 0.00	22.74 0.73 0.00	26.30 0.74 0.00	32.11 0.32 0.00	37.68 0.15 0.00	40.41 0.36 0.00	40.67 0.20 0.00	39.48 0.20 0.00	38.57 0.04 0.00	38.61 0.08 0.00	37.48 0.08 0.12	38.43 0.15 0.28	39.28 0.16 0.50	41.31 0.04 0.57	49.90 0.20 0.00	54.23 0.00 0.03	55.58 0.11 0.00	55.97 0.39 0.00	54.10 0.11 0.00	47.11 0.09 0.00	39.53 0.31 0.00	34.40 0.61 0.00
ALBANY___3 23573	32.96 0.23 0.00	28.90 0.76 0.00	25.15 0.78 0.00	22.74 0.73 0.00	26.30 0.74 0.00	32.11 0.32 0.00	37.68 0.15 0.00	40.41 0.36 0.00	40.67 0.20 0.00	39.48 0.20 0.00	38.57 0.04 0.00	38.61 0.08 0.00	37.48 0.08 0.12	38.43 0.15 0.28	39.28 0.16 0.50	41.31 0.04 0.57	49.90 0.20 0.00	54.23 0.00 0.03	55.58 0.11 0.00	55.97 0.39 0.00	54.10 0.11 0.00	47.11 0.09 0.00	39.53 0.31 0.00	34.40 0.61 0.00
ALBANY___4 23574	32.96 0.23 0.00	28.90 0.76 0.00	25.15 0.78 0.00	22.74 0.73 0.00	26.30 0.74 0.00	32.11 0.32 0.00	37.68 0.15 0.00	40.41 0.36 0.00	40.67 0.20 0.00	39.48 0.20 0.00	38.57 0.04 0.00	38.61 0.08 0.00	37.48 0.08 0.12	38.43 0.15 0.28	39.28 0.16 0.50	41.31 0.04 0.57	49.90 0.20 0.00	54.23 0.00 0.03	55.58 0.11 0.00	55.97 0.39 0.00	54.10 0.11 0.00	47.11 0.09 0.00	39.53 0.31 0.00	34.40 0.61 0.00
ALBANY___LFGE 323615	33.25 0.52 0.00	29.10 0.96 0.00	25.32 0.95 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.39 0.60 0.00	38.01 0.49 0.00	40.77 0.72 0.00	41.03 0.57 0.00	39.84 0.55 0.00	38.92 0.39 0.00	38.96 0.42 0.00	37.87 0.45 0.11	38.84 0.54 0.26	39.71 0.55 0.47	41.85 0.54 0.53	50.60 0.90 0.00	54.83 0.60 0.02	56.08 0.61 0.00	56.42 0.83 0.00	54.69 0.70 0.00	47.62 0.61 0.00	39.92 0.71 0.00	34.71 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	32.77 0.03 0.00	27.81 -0.34 0.00	23.88 -0.49 0.00	21.53 -0.48 0.00	25.05 -0.51 0.00	31.54 -0.25 0.00	37.68 0.15 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.40 0.12 0.00	38.72 0.19 0.00	38.68 0.15 0.00	37.60 0.08 0.00	38.71 0.15 0.00	39.66 0.04 0.00	41.97 0.13 0.00	49.45 -0.25 0.00	54.20 -0.05 0.00	55.30 -0.17 0.00	55.19 -0.39 0.00	54.15 0.16 0.00	47.20 0.19 0.00	39.06 -0.16 0.00	33.19 -0.61 0.00
ALCOA_RYNLDS___DRP 24188	32.77 0.03 0.00	27.81 -0.34 0.00	23.88 -0.49 0.00	21.53 -0.48 0.00	25.05 -0.51 0.00	31.54 -0.25 0.00	37.68 0.15 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.40 0.12 0.00	38.72 0.19 0.00	38.68 0.15 0.00	37.60 0.08 0.00	38.71 0.15 0.00	39.66 0.04 0.00	41.97 0.13 0.00	49.45 -0.25 0.00	54.20 -0.05 0.00	55.30 -0.17 0.00	55.19 -0.39 0.00	54.15 0.16 0.00	47.20 0.19 0.00	39.06 -0.16 0.00	33.19 -0.61 0.00
ALCOA___DSASP 323711	32.77 0.03 0.00	27.81 -0.34 0.00	23.88 -0.49 0.00	21.53 -0.48 0.00	25.05 -0.51 0.00	31.54 -0.26 0.00	37.68 0.15 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.41 0.12 0.00	38.72 0.19 0.00	38.69 0.15 0.00	37.64 0.11 0.00	38.67 0.12 0.00	39.66 0.04 0.00	41.97 0.13 0.00	49.46 -0.25 0.00	54.25 0.00 0.00	55.58 0.11 0.00	55.58 0.00 0.00	54.15 0.16 0.00	47.20 0.19 0.00	39.06 -0.16 0.00	33.22 -0.57 0.00
ALLEGHENY___COGEN 23514	32.63 -0.10 0.00	27.84 -0.31 0.00	24.32 -0.05 0.00	22.08 0.07 0.00	25.51 -0.05 0.00	31.98 0.19 0.00	37.64 0.11 0.00	39.89 -0.16 0.00	40.06 -0.40 0.00	38.46 -0.83 0.00	37.68 -0.85 0.00	37.45 -1.08 0.00	36.40 -1.12 0.00	37.13 -1.43 0.00	38.27 -1.35 0.00	40.50 -1.34 0.00	48.24 -1.64 -0.17	53.49 -0.76 0.00	55.36 -0.11 0.00	56.30 0.72 0.00	55.13 1.14 0.00	47.67 0.66 0.00	39.84 0.63 0.00	34.23 0.44 0.00
ALTAMONT_115KV_TB 2 55880	33.32 0.59 0.00	29.02 0.87 0.00	25.22 0.85 0.00	22.79 0.77 0.00	26.40 0.84 0.00	32.43 0.64 0.00	38.13 0.60 0.00	40.85 0.80 0.00	41.15 0.69 0.00	39.92 0.63 0.00	39.07 0.54 0.00	39.07 0.54 0.00	37.91 0.56 0.18	38.72 0.58 0.42	39.50 0.63 0.76	41.61 0.63 0.86	50.64 0.94 0.00	54.96 0.76 0.05	56.36 0.89 0.00	56.75 1.17 0.00	54.80 0.81 0.00	47.76 0.75 0.00	40.00 0.78 0.00	34.74 0.95 0.00
ALTONA_WT_PWR 323606	33.09 0.36 0.00	28.12 -0.03 0.00	24.17 -0.20 0.00	21.77 -0.24 0.00	25.33 -0.23 0.00	31.89 0.10 0.00	37.98 0.45 0.00	40.49 0.44 0.00	40.95 0.49 0.00	39.72 0.43 0.00	39.03 0.50 0.00	38.96 0.42 0.00	37.90 0.38 0.00	38.94 0.39 0.00	39.90 0.28 0.00	42.35 0.50 0.00	49.85 0.15 0.00	54.74 0.49 0.00	56.02 0.55 0.00	56.02 0.44 0.00	54.53 0.54 0.00	47.48 0.47 0.00	39.34 0.12 0.00	33.46 -0.34 0.00
AMERICAN_REF_FUEL 24010	30.11 -2.62 0.00	25.58 -2.56 0.00	22.56 -1.80 0.00	20.50 -1.52 0.00	23.64 -1.92 0.00	29.63 -2.16 0.00	34.60 -2.93 0.00	36.24 -3.81 0.00	36.70 -3.76 0.00	35.71 -3.57 0.00	35.29 -3.24 0.00	35.06 -3.47 0.00	34.30 -3.23 0.00	34.97 -3.58 0.00	36.17 -3.45 0.00	37.95 -3.89 0.00	44.44 -5.22 0.04	48.78 -5.48 0.00	49.48 -5.99 0.00	49.86 -5.72 0.00	48.59 -5.40 0.00	42.17 -4.84 0.00	35.73 -3.49 0.00	31.33 -2.47 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.10 -1.64 0.00	26.34 -1.80 0.00	23.17 -1.19 0.00	21.02 -0.99 0.00	24.20 -1.36 0.00	30.39 -1.40 0.00	35.69 -1.84 0.00	37.81 -2.24 0.00	38.40 -2.06 0.00	37.44 -1.85 0.00	36.99 -1.54 0.00	36.61 -1.93 0.00	35.69 -1.84 0.00	36.40 -2.16 0.00	37.56 -2.06 0.00	39.66 -2.18 0.00	47.18 -2.48 0.04	51.65 -2.60 0.00	52.75 -2.72 0.00	53.30 -2.28 0.00	51.89 -2.11 0.00	44.99 -2.02 0.00	37.88 -1.33 0.00	32.81 -0.98 0.00
ARTHUR KILL_GT_1 23520	35.05 2.29 -0.02	30.83 2.67 -0.01	26.86 2.49 -0.01	24.27 2.25 -0.01	27.97 2.40 -0.01	34.18 2.38 -0.01	40.06 2.51 -0.02	43.12 3.04 -0.02	43.53 3.03 -0.03	42.36 3.03 -0.05	41.66 3.08 -0.05	49.29 3.31 -7.45	49.29 3.30 -8.46	49.59 3.39 -7.64	51.97 3.53 -8.82	54.88 4.06 -8.98	54.52 4.77 -0.05	59.72 4.77 -0.69	60.26 4.77 -0.02	60.77 5.17 -0.02	57.99 4.00 -0.01	50.37 3.06 -0.30	49.29 2.90 -7.17	36.74 2.91 -0.04
ARTHUR_KILL_2 23512	34.95 2.19 -0.02	30.77 2.62 -0.01	26.79 2.41 -0.01	24.20 2.18 -0.01	27.92 2.35 -0.01	34.09 2.29 -0.01	39.95 2.40 -0.02	43.00 2.92 -0.02	43.41 2.92 -0.03	42.28 2.95 -0.05	41.55 2.97 -0.05	49.17 3.20 -7.45	49.18 3.19 -8.46	49.51 3.32 -7.64	51.85 3.41 -8.82	54.75 3.93 -8.98	54.42 4.67 -0.05	59.56 4.61 -0.69	59.93 4.44 -0.02	60.16 4.56 -0.02	57.89 3.89 -0.01	50.23 2.92 -0.30	49.17 2.78 -7.17	36.64 2.80 -0.04
ARTHUR_KILL_3 23513	34.74 2.00 -0.01	30.31 2.17 0.00	26.39 2.02 0.00	23.82 1.81 0.00	27.50 1.94 0.00	33.63 1.84 0.00	39.68 2.14 -0.01	42.91 2.84 -0.01	43.60 3.12 -0.02	42.51 3.18 -0.04	41.77 3.20 -0.04	49.36 3.39 -7.44	49.36 3.38 -8.45	49.66 3.47 -7.63	51.96 3.53 -8.81	52.56 3.55 -7.16	52.56 4.42 1.57	54.06 4.50 4.69	54.06 4.33 5.74	54.07 4.17 5.68	54.06 3.29 3.23	50.41 3.10 -0.30	49.36 2.98 -7.16	36.87 3.04 -0.04

ARTHUR_KILL_COGEN 323718	35.05 2.29 -0.02	30.83 2.68 -0.01	26.86 2.49 -0.01	24.27 2.25 -0.01	27.97 2.40 -0.01	34.18 2.39 -0.01	40.06 2.51 -0.02	43.12 3.04 -0.02	43.53 3.04 -0.03	42.36 3.03 -0.05	41.66 3.08 -0.05	49.29 3.31 -7.45	49.29 3.30 -8.46	49.63 3.43 -7.64	51.97 3.53 -8.82	54.87 4.06 -8.98	54.57 4.82 -0.05	59.72 4.78 -0.69	60.15 4.66 -0.02	60.38 4.78 -0.02	58.05 4.05 -0.01	50.37 3.05 -0.30	49.29 2.90 -7.17	36.74 2.91 -0.04
ASHOKAN____ 23654	34.56 1.83 0.00	30.14 2.00 0.00	26.15 1.78 0.00	23.64 1.63 0.00	27.37 1.81 0.00	33.57 1.78 0.00	39.33 1.80 0.00	42.33 2.28 0.00	42.65 2.18 0.00	41.33 2.04 0.00	40.34 1.81 0.00	40.19 1.66 0.00	40.40 2.21 -0.66	42.48 2.39 -1.53	44.90 2.50 -2.78	47.85 2.85 -3.17	52.84 3.13 -0.01	58.68 4.18 -0.25	59.02 3.55 0.00	59.31 3.72 0.00	57.29 3.29 0.00	50.11 3.10 0.00	41.89 2.67 0.00	36.36 2.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.88 1.87 0.00	27.55 1.99 0.00	33.50 1.72 0.01	39.43 1.91 0.01	42.57 2.52 0.01	43.21 2.75 0.01	42.15 2.87 0.01	41.45 2.93 0.01	41.68 3.16 0.01	42.50 3.11 -1.86	46.08 3.20 -4.32	50.82 3.33 -7.87	54.27 3.47 -8.96	53.94 4.22 -0.02	59.20 4.29 -0.66	59.57 4.10 0.01	59.58 4.00 0.01	57.11 3.13 0.01	49.78 2.77 0.01	41.88 2.67 0.01	36.52 2.74 0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.86 2.13 0.00	30.57 2.42 -0.01	26.49 2.12 0.00	23.88 1.87 0.00	27.55 1.99 0.00	33.50 1.72 0.01	39.43 1.91 0.01	42.57 2.52 0.01	43.21 2.75 0.01	42.15 2.87 0.01	41.45 2.93 0.01	41.68 3.16 0.01	42.50 3.11 -1.86	46.08 3.20 -4.32	50.82 3.33 -7.87	54.27 3.47 -8.96	53.94 4.22 -0.02	59.20 4.29 -0.66	59.57 4.10 0.01	59.58 4.00 0.01	57.11 3.13 0.01	49.78 2.77 0.01	41.88 2.67 0.01	36.52 2.74 0.01
ASTORIA_GT2_1 24094	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT2_2 24095	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT2_3 24096	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT2_4 24097	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT3_1 24098	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT3_2 24099	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT3_3 24100	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT3_4 24101	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT4_1 24102	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT4_2 24103	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT4_3 24104	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00

ASTORIA_GT4_4 24105	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.55 1.99 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.74 4.27 0.00	60.03 4.45 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.92 2.71 0.00	36.53 2.74 0.00
ASTORIA_GT_1 23523	34.93 2.19 0.00	30.63 2.48 -0.01	26.51 2.14 0.00	23.93 1.92 0.00	27.60 2.04 0.00	33.57 1.78 0.00	39.51 1.99 0.00	42.69 2.64 0.00	43.34 2.87 0.00	42.27 2.99 0.00	41.54 3.01 0.00	41.77 3.24 0.00	42.62 3.23 -1.87	46.20 3.32 -4.33	50.91 3.41 -7.88	54.37 3.56 -8.97	54.10 4.37 -0.02	59.37 4.45 -0.67	59.91 4.44 0.00	60.14 4.56 0.00	57.23 3.24 0.00	49.88 2.87 0.00	41.96 2.75 0.00	36.60 2.80 0.00
ASTORIA_GT_10 24110	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.79 2.00 0.00	39.78 2.25 0.00	42.93 2.88 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.81 3.28 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.44 3.55 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.64 4.72 -0.67	60.13 4.66 0.00	60.42 4.84 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
ASTORIA_GT_11 24225	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.79 2.00 0.00	39.78 2.25 0.00	42.93 2.88 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.81 3.28 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.44 3.55 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.64 4.72 -0.67	60.13 4.66 0.00	60.42 4.84 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
ASTORIA_GT_12 24226	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.79 2.00 0.00	39.78 2.25 0.00	42.93 2.88 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.81 3.28 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.44 3.55 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.64 4.72 -0.67	60.13 4.66 0.00	60.42 4.84 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
ASTORIA_GT_13 24227	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.79 2.00 0.00	39.78 2.25 0.00	42.93 2.88 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.81 3.28 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.44 3.55 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.64 4.72 -0.67	60.13 4.66 0.00	60.42 4.84 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
ASTORIA_GT_5 24106	34.93 2.19 0.00	30.63 2.48 -0.01	26.51 2.14 0.00	23.93 1.92 0.00	27.60 2.04 0.00	33.57 1.78 0.00	39.51 1.99 0.00	42.69 2.64 0.00	43.34 2.87 0.00	42.27 2.99 0.00	41.54 3.01 0.00	41.77 3.24 0.00	42.62 3.23 -1.87	46.20 3.32 -4.33	50.91 3.41 -7.88	54.37 3.56 -8.97	54.10 4.37 -0.02	59.37 4.45 -0.67	59.91 4.44 0.00	60.14 4.56 0.00	57.23 3.24 0.00	49.88 2.87 0.00	41.96 2.75 0.00	36.60 2.80 0.00
ASTORIA_GT_7 24107	34.93 2.19 0.00	30.63 2.48 -0.01	26.51 2.14 0.00	23.93 1.92 0.00	27.60 2.04 0.00	33.57 1.78 0.00	39.51 1.99 0.00	42.69 2.64 0.00	43.34 2.87 0.00	42.27 2.99 0.00	41.54 3.01 0.00	41.77 3.24 0.00	42.62 3.23 -1.87	46.20 3.32 -4.33	50.91 3.41 -7.88	54.37 3.56 -8.97	54.10 4.37 -0.02	59.37 4.45 -0.67	59.91 4.44 0.00	60.14 4.56 0.00	57.23 3.24 0.00	49.88 2.87 0.00	41.96 2.75 0.00	36.60 2.80 0.00
ASTORIA_GT_8 24108	34.93 2.19 0.00	30.63 2.48 -0.01	26.51 2.14 0.00	23.93 1.92 0.00	27.60 2.04 0.00	33.57 1.78 0.00	39.51 1.99 0.00	42.69 2.64 0.00	43.34 2.87 0.00	42.27 2.99 0.00	41.54 3.01 0.00	41.77 3.24 0.00	42.62 3.23 -1.87	46.20 3.32 -4.33	50.91 3.41 -7.88	54.37 3.56 -8.97	54.10 4.37 -0.02	59.37 4.45 -0.67	59.91 4.44 0.00	60.14 4.56 0.00	57.23 3.24 0.00	49.88 2.87 0.00	41.96 2.75 0.00	36.60 2.80 0.00
ASTORIA___2 24149	34.86 2.13 0.00	30.60 2.45 -0.01	26.49 2.12 0.00	23.91 1.89 0.00	27.58 2.02 0.00	33.50 1.72 0.01	39.43 1.91 0.01	42.61 2.57 0.01	43.25 2.79 0.01	42.19 2.91 0.01	41.45 2.93 0.01	41.68 3.16 0.01	42.54 3.15 -1.86	46.12 3.24 -4.32	50.82 3.33 -7.87	54.27 3.47 -8.96	53.99 4.28 -0.02	59.20 4.29 -0.66	59.57 4.10 0.01	59.58 4.00 0.01	57.11 3.13 0.01	49.78 2.77 0.01	41.91 2.70 0.01	36.52 2.74 0.01
ASTORIA___3 23516	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.80 2.00 0.00	39.78 2.25 0.00	42.94 2.89 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.80 3.27 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.43 3.54 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.70 4.78 -0.67	60.02 4.55 0.00	60.03 4.45 0.00	57.55 3.56 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
ASTORIA___4 23517	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.79 2.00 0.00	39.78 2.25 0.00	42.93 2.88 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.81 3.28 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.44 3.55 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.64 4.72 -0.67	60.13 4.66 0.00	60.42 4.84 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
ASTORIA___5 23518	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.80 2.00 0.00	39.78 2.25 0.00	42.94 2.89 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.80 3.27 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.43 3.54 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.70 4.78 -0.67	60.02 4.55 0.00	60.03 4.45 0.00	57.55 3.56 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
AST_ENERGY_2_CC3 323677	34.76 2.03 0.00	30.40 2.25 0.00	26.32 1.95 0.00	23.75 1.74 0.00	27.37 1.81 0.00	31.89 1.40 1.30	31.89 1.54 7.18	31.89 2.16 10.32	31.89 2.39 10.96	31.89 2.52 9.91	31.44 2.54 9.63	31.44 2.78 9.87	31.44 2.78 8.86	31.44 2.85 9.97	32.19 2.93 10.36	34.23 3.05 10.66	32.35 3.78 21.13	38.60 3.74 19.39	38.98 3.55 20.05	38.93 3.45 20.10	36.47 2.64 20.17	31.44 2.35 17.92	32.44 2.31 9.09	31.44 2.40 4.75
AST_ENERGY_2_CC4 323678	34.76 2.03 0.00	30.40 2.25 0.00	26.32 1.95 0.00	23.75 1.74 0.00	27.37 1.81 0.00	31.89 1.40 1.30	31.89 1.54 7.18	31.89 2.16 10.32	31.89 2.39 10.96	31.89 2.52 9.91	31.44 2.54 9.63	31.44 2.78 9.87	31.44 2.78 8.86	31.44 2.85 9.97	32.19 2.93 10.36	34.23 3.05 10.66	32.35 3.78 21.13	38.60 3.74 19.39	38.98 3.55 20.05	38.93 3.45 20.10	36.47 2.64 20.17	31.44 2.35 17.92	32.44 2.31 9.09	31.44 2.40 4.75

ATHENS_STG_1 23668	33.45 0.72 0.00	29.16 1.01 0.00	25.34 0.98 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.55 0.76 0.00	38.24 0.71 0.00	41.05 1.00 0.00	41.48 1.01 0.00	40.31 1.02 0.00	39.49 0.96 0.00	39.53 1.00 0.00	37.61 1.01 0.93	37.49 1.08 2.14	36.79 1.07 3.90	38.53 1.13 4.44	51.23 1.54 0.01	55.35 1.41 0.31	56.75 1.28 0.00	56.97 1.39 0.00	55.07 1.08 0.00	48.00 0.99 0.00	40.28 1.06 0.00	35.01 1.21 0.00
ATHENS_STG_2 23670	33.45 0.72 0.00	29.16 1.01 0.00	25.34 0.98 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.55 0.76 0.00	38.24 0.71 0.00	41.05 1.00 0.00	41.48 1.01 0.00	40.31 1.02 0.00	39.49 0.96 0.00	39.53 1.00 0.00	37.61 1.01 0.93	37.49 1.08 2.14	36.79 1.07 3.90	38.53 1.13 4.44	51.23 1.54 0.01	55.35 1.41 0.31	56.75 1.28 0.00	56.97 1.39 0.00	55.07 1.08 0.00	48.00 0.99 0.00	40.28 1.06 0.00	35.01 1.21 0.00
ATHENS_STG_3 23677	33.45 0.72 0.00	29.16 1.01 0.00	25.34 0.98 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.55 0.76 0.00	38.24 0.71 0.00	41.05 1.00 0.00	41.48 1.01 0.00	40.31 1.02 0.00	39.49 0.96 0.00	39.53 1.00 0.00	37.61 1.01 0.93	37.49 1.08 2.14	36.79 1.07 3.90	38.53 1.13 4.44	51.23 1.54 0.01	55.35 1.41 0.31	56.75 1.28 0.00	56.97 1.39 0.00	55.07 1.08 0.00	48.00 0.99 0.00	40.28 1.06 0.00	35.01 1.21 0.00
AUBURN____LFGE 323710	32.54 -0.20 0.00	27.95 -0.20 0.00	24.29 -0.07 0.00	21.99 -0.02 0.00	25.46 -0.10 0.00	31.73 -0.06 0.00	37.45 -0.08 0.00	39.81 -0.24 0.00	40.26 -0.20 0.00	39.01 -0.28 0.00	38.34 -0.19 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.41 -0.06 0.00	55.75 0.17 0.00	53.88 -0.11 0.00	46.82 -0.19 0.00	39.10 -0.12 0.00	33.79 0.00 0.00
BABYLON_RES_REC 323704	46.62 2.91 -10.98	46.02 2.95 -14.92	44.64 2.70 -17.57	44.55 2.42 -20.11	44.65 2.68 -16.41	44.85 2.83 -10.23	45.73 3.23 -4.97	47.35 3.88 -3.42	46.45 4.09 -1.90	45.91 4.12 -2.50	46.46 4.01 -3.93	48.74 4.12 -6.08	45.01 4.09 -3.40	46.72 3.82 -4.35	51.35 3.84 -7.89	54.97 4.14 -8.98	54.65 4.92 -0.03	63.46 4.83 -4.38	59.68 4.21 0.00	59.53 3.95 0.00	57.18 3.18 0.00	50.21 3.20 0.00	43.26 4.04 0.00	37.86 4.05 -0.01
BALL_HILL_WT_PWR 323825	31.16 -1.57 0.00	26.48 -1.66 0.00	23.32 -1.05 0.00	21.16 -0.86 0.00	24.38 -1.18 0.00	30.52 -1.27 0.00	35.76 -1.76 0.00	37.77 -2.28 0.00	38.24 -2.23 0.00	37.20 -2.08 0.00	36.80 -1.73 0.00	36.53 -2.01 0.00	35.65 -1.88 0.00	36.32 -2.24 0.00	37.56 -2.06 0.00	39.50 -2.34 0.00	46.87 -2.78 0.05	51.11 -3.15 0.00	52.03 -3.44 0.00	52.47 -3.11 0.00	51.08 -2.92 0.00	44.33 -2.68 0.00	37.45 -1.76 0.00	32.61 -1.18 0.00
BARON_WINDS____WT_PWR 323822	31.88 -0.85 0.00	27.24 -0.90 0.00	23.83 -0.54 0.00	21.57 -0.44 0.00	24.89 -0.66 0.00	31.09 -0.70 0.00	36.55 -0.98 0.00	38.85 -1.20 0.00	39.29 -1.17 0.00	37.99 -1.30 0.00	37.45 -1.08 0.00	37.26 -1.27 0.00	36.25 -1.28 0.00	36.90 -1.66 0.00	38.00 -1.63 0.00	40.09 -1.76 0.00	47.53 -1.89 0.29	52.25 -2.01 0.00	53.58 -1.89 0.00	54.25 -1.33 0.00	52.80 -1.19 0.00	45.93 -1.08 0.00	38.55 -0.67 0.00	33.46 -0.34 0.00
BARRETT_IC_1 23704	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_10 23701	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_11 23702	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_12 23703	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_2 23705	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_3 23706	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_4 23707	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_5 23708	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01

BARRETT_IC_6 23709	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_7 23710	46.26 2.55 -10.98	45.71 2.65 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.35 2.78 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.81 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	60.07 4.60 0.00	60.25 4.67 0.00	57.18 3.19 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_8 23711	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT_IC_9 23700	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT___1 23545	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BARRETT___2 23546	46.26 2.55 -10.98	45.71 2.64 -14.92	44.64 2.44 -17.83	44.61 2.18 -20.41	44.62 2.40 -16.66	44.66 2.48 -10.38	45.39 2.82 -5.05	46.94 3.44 -3.44	46.02 3.64 -1.91	45.50 3.69 -2.52	45.21 3.66 -3.02	46.62 3.82 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.47 3.96 -7.89	54.96 4.14 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.23 3.24 0.00	50.25 3.24 0.00	42.79 3.57 0.00	37.38 3.58 -0.01
BATAVIA___115KV_TB1 55881	31.49 -1.24 0.00	26.79 -1.35 0.00	23.54 -0.83 0.00	21.40 -0.62 0.00	24.69 -0.87 0.00	31.03 -0.76 0.00	36.29 -1.24 0.00	38.33 -1.72 0.00	38.85 -1.62 0.00	37.72 -1.57 0.00	37.14 -1.39 0.00	36.87 -1.66 0.00	36.06 -1.46 0.00	36.94 -1.62 0.00	38.08 -1.55 0.00	40.00 -1.84 0.00	47.04 -2.63 0.03	51.87 -2.39 0.00	53.47 -2.00 0.00	54.14 -1.45 0.00	52.10 -1.89 0.00	45.08 -1.93 0.00	37.92 -1.29 0.00	32.88 -0.91 0.00
BAYONEEC___CTG1 323682	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BAYONEEC___CTG10 323750	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BAYONEEC___CTG2 323683	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BAYONEEC___CTG3 323684	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BAYONEEC___CTG4 323685	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BAYONEEC___CTG5 323686	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BAYONEEC___CTG6 323687	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BAYONEEC___CTG7 323688	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01

BAYONEEC___CTG8 323689	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BAYONEEC___CTG9 323749	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	43.02 2.96 0.00	43.67 3.20 -0.01	42.55 3.26 -0.01	41.81 3.27 -0.01	43.14 3.47 -1.14	43.86 3.45 -2.88	46.94 3.54 -4.84	51.25 3.61 -8.02	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.40 3.06 -1.12	36.87 3.07 -0.01
BEACON___LESR 323632	33.42 0.69 0.00	29.24 1.10 0.00	25.44 1.07 0.00	23.01 0.99 0.00	26.63 1.07 0.00	32.59 0.80 0.00	38.24 0.71 0.00	41.05 1.00 0.00	41.27 0.81 0.00	40.03 0.74 0.00	39.11 0.58 0.00	39.11 0.58 0.00	38.02 0.60 0.10	39.05 0.73 0.24	39.93 0.75 0.44	42.13 0.79 0.50	50.94 1.24 0.00	55.26 1.03 0.02	56.52 1.05 0.00	56.86 1.28 0.00	55.13 1.14 0.00	48.00 0.99 0.00	40.20 0.98 0.00	34.94 1.15 0.00
BEAVER RIVER___HYD 24048	32.54 -0.20 0.00	27.78 -0.37 0.00	23.93 -0.44 0.00	21.60 -0.42 0.00	25.02 -0.54 0.00	31.25 -0.54 0.00	37.08 -0.45 0.00	39.45 -0.60 0.00	39.78 -0.69 0.00	38.46 -0.83 0.00	37.80 -0.73 0.00	37.84 -0.69 0.00	36.70 -0.83 0.00	37.63 -0.93 0.00	38.71 -0.91 0.00	41.04 -0.80 0.00	48.81 -0.89 0.00	53.76 -0.49 0.00	55.36 -0.11 0.00	55.58 0.00 0.00	54.05 0.05 0.00	46.78 -0.23 0.00	38.79 -0.43 0.00	33.39 -0.40 0.00
BEEBEE_GT_13 23619	31.59 -1.15 0.00	26.99 -1.15 0.00	23.61 -0.76 0.00	21.42 -0.59 0.00	24.74 -0.82 0.00	31.00 -0.79 0.00	36.36 -1.16 0.00	38.49 -1.56 0.00	38.97 -1.50 0.00	37.91 -1.38 0.00	37.30 -1.23 0.00	37.18 -1.35 0.00	36.36 -1.16 0.00	37.28 -1.27 0.00	38.35 -1.27 0.00	40.38 -1.46 0.00	47.32 -2.39 0.00	52.25 -2.01 0.00	53.64 -1.83 0.00	54.08 -1.50 0.00	52.16 -1.84 0.00	45.18 -1.83 0.00	37.92 -1.29 0.00	32.85 -0.95 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.21 2.45 -0.02	30.80 2.65 -0.01	26.81 2.44 -0.01	24.20 2.18 -0.01	27.92 2.35 -0.01	34.12 2.32 -0.01	40.14 2.59 -0.02	43.28 3.20 -0.02	43.90 3.40 -0.03	42.84 3.50 -0.06	42.13 3.54 -0.06	53.76 3.78 -11.46	53.29 3.75 -12.01	51.83 3.86 -9.41	52.90 3.96 -9.32	55.13 4.31 -8.98	54.97 5.22 -0.05	60.21 5.26 -0.69	60.76 5.27 -0.02	61.11 5.50 -0.02	58.21 4.21 -0.01	50.99 3.53 -0.45	53.54 3.29 -11.03	37.13 3.28 -0.06
BETHLEHEM___GRP 23843	32.96 0.23 0.00	28.90 0.76 0.00	25.15 0.78 0.00	22.74 0.73 0.00	26.30 0.74 0.00	32.11 0.32 0.00	37.68 0.15 0.00	40.41 0.36 0.00	40.67 0.20 0.00	39.48 0.20 0.00	38.57 0.04 0.00	38.61 0.08 0.00	37.48 0.08 0.12	38.43 0.15 0.28	39.28 0.16 0.50	41.31 0.04 0.57	49.90 0.20 0.00	54.23 0.00 0.03	55.58 0.11 0.00	55.97 0.39 0.00	54.10 0.11 0.00	47.11 0.09 0.00	39.53 0.31 0.00	34.40 0.61 0.00
BETHLEHEM___GS1 323560	32.96 0.23 0.00	28.90 0.76 0.00	25.15 0.78 0.00	22.74 0.73 0.00	26.30 0.74 0.00	32.11 0.32 0.00	37.68 0.15 0.00	40.41 0.36 0.00	40.67 0.20 0.00	39.48 0.20 0.00	38.57 0.04 0.00	38.61 0.08 0.00	37.48 0.08 0.12	38.43 0.15 0.28	39.28 0.16 0.50	41.31 0.04 0.57	50.05 0.35 0.00	54.23 0.00 0.03	55.47 0.00 0.00	55.80 0.22 0.00	54.10 0.11 0.00	47.11 0.09 0.00	39.53 0.31 0.00	34.40 0.61 0.00
BETHLEHEM___GS2 323561	32.96 0.23 0.00	28.90 0.76 0.00	25.15 0.78 0.00	22.74 0.73 0.00	26.30 0.74 0.00	32.11 0.32 0.00	37.68 0.15 0.00	40.41 0.36 0.00	40.67 0.20 0.00	39.48 0.20 0.00	38.57 0.04 0.00	38.61 0.08 0.00	37.48 0.08 0.12	38.43 0.15 0.28	39.28 0.16 0.50	41.31 0.04 0.57	50.05 0.35 0.00	54.23 0.00 0.03	55.47 0.00 0.00	55.80 0.22 0.00	54.10 0.11 0.00	47.11 0.09 0.00	39.53 0.31 0.00	34.40 0.61 0.00
BETHLEHEM___GS3 323562	32.96 0.23 0.00	28.90 0.76 0.00	25.15 0.78 0.00	22.74 0.73 0.00	26.30 0.74 0.00	32.11 0.32 0.00	37.68 0.15 0.00	40.41 0.36 0.00	40.67 0.20 0.00	39.48 0.20 0.00	38.57 0.04 0.00	38.61 0.08 0.00	37.48 0.08 0.12	38.43 0.15 0.28	39.28 0.16 0.50	41.31 0.04 0.57	50.05 0.35 0.00	54.23 0.00 0.03	55.47 0.00 0.00	55.80 0.22 0.00	54.10 0.11 0.00	47.11 0.09 0.00	39.53 0.31 0.00	34.40 0.61 0.00
BETHLEHEM___STEEL 23779	31.03 -1.70 0.00	26.40 -1.74 0.00	23.27 -1.10 0.00	21.11 -0.90 0.00	24.28 -1.28 0.00	30.49 -1.30 0.00	35.61 -1.91 0.00	37.49 -2.56 0.00	38.00 -2.47 0.00	36.97 -2.32 0.00	36.53 -2.00 0.00	36.30 -2.23 0.00	35.43 -2.10 0.00	36.24 -2.31 0.00	37.32 -2.30 0.00	39.25 -2.59 0.00	46.77 -2.88 0.05	50.67 -3.58 0.00	52.14 -3.33 0.00	52.75 -2.83 0.00	50.59 -3.40 0.00	43.91 -3.10 0.00	37.14 -2.08 0.00	32.48 -1.32 0.00
BETHLHEM_115KV_TB1 79974	33.06 0.33 0.00	28.93 0.79 0.00	25.15 0.78 0.00	22.74 0.73 0.00	26.33 0.77 0.00	32.17 0.38 0.00	37.75 0.23 0.00	40.49 0.44 0.00	40.75 0.28 0.00	39.56 0.28 0.00	38.69 0.15 0.00	38.72 0.19 0.00	37.58 0.19 0.13	38.49 0.23 0.30	39.32 0.24 0.54	41.39 0.17 0.62	50.10 0.40 0.00	54.39 0.16 0.03	55.75 0.28 0.00	56.14 0.56 0.00	54.21 0.22 0.00	47.25 0.24 0.00	39.65 0.43 0.00	34.47 0.68 0.00
BETHPAGE_CC_5 323564	46.39 2.68 -10.98	45.82 2.76 -14.92	44.24 2.51 -17.36	44.14 2.25 -19.88	44.26 2.48 -16.22	44.48 2.57 -10.11	45.37 2.93 -4.92	47.04 3.61 -3.39	46.15 3.80 -1.88	45.62 3.85 -2.48	45.57 3.82 -3.22	47.22 3.93 -4.76	44.82 3.90 -3.40	46.91 4.01 -4.34	51.51 4.00 -7.89	55.05 4.22 -8.98	54.75 5.02 -0.02	61.02 5.10 -1.66	59.91 4.44 0.00	59.80 4.22 0.00	57.29 3.29 0.00	50.25 3.24 0.00	43.06 3.85 0.00	37.65 3.85 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.10 -1.64 0.00	26.43 -1.72 0.00	23.30 -1.07 0.00	21.13 -0.88 0.00	24.33 -1.23 0.00	30.52 -1.27 0.00	35.65 -1.88 0.00	37.57 -2.48 0.00	38.08 -2.39 0.00	37.05 -2.24 0.00	36.60 -1.93 0.00	36.37 -2.16 0.00	35.50 -2.03 0.00	36.32 -2.24 0.00	37.40 -2.22 0.00	39.37 -2.47 0.00	47.12 -2.53 0.05	50.84 -3.42 0.00	52.31 -3.16 0.00	52.97 -2.61 0.00	50.75 -3.24 0.00	44.05 -2.96 0.00	37.22 -2.00 0.00	32.54 -1.25 0.00
BINGHAMTON___COGEN 23790	32.77 0.03 0.00	28.20 0.06 0.00	24.56 0.19 0.00	22.21 0.20 0.00	25.69 0.13 0.00	31.95 0.16 0.00	37.60 0.08 0.00	40.13 0.08 0.00	40.59 0.12 0.00	39.44 0.16 0.00	38.76 0.23 0.00	38.72 0.19 0.00	37.79 0.19 -0.07	38.84 0.12 -0.17	40.13 0.20 -0.31	42.40 0.21 -0.35	50.10 0.40 0.00	54.55 0.27 -0.03	55.86 0.39 0.00	56.36 0.78 0.00	54.21 0.22 0.00	47.11 0.09 0.00	39.45 0.24 0.00	34.23 0.44 0.00

BIXINCNT_115KV_LOAD 355685	31.16 -1.57 0.00	26.51 -1.63 0.00	23.30 -1.07 0.00	21.16 -0.86 0.00	24.31 -1.25 0.00	30.46 -1.34 0.00	35.57 -1.95 0.00	37.77 -2.28 0.00	38.24 -2.23 0.00	37.24 -2.04 0.00	36.80 -1.73 0.00	36.41 -2.12 0.00	35.39 -2.14 0.00	36.17 -2.39 0.00	37.32 -2.30 0.00	39.41 -2.43 0.00	47.83 -1.84 0.03	51.27 -2.98 0.00	52.86 -2.61 0.00	53.64 -1.95 0.00	51.45 -2.54 0.00	44.71 -2.30 0.00	37.81 -1.41 0.00	32.85 -0.95 0.00
BLACK RIVER___HYD 24047	32.77 0.03 0.00	28.09 -0.06 0.00	24.22 -0.15 0.00	21.86 -0.15 0.00	25.33 -0.23 0.00	31.60 -0.19 0.00	37.45 -0.07 0.00	39.77 -0.28 0.00	40.02 -0.44 0.00	38.66 -0.63 0.00	37.99 -0.54 0.00	38.11 -0.42 0.00	36.92 -0.60 0.00	37.86 -0.69 0.00	39.07 -0.55 0.00	41.38 -0.46 0.00	49.25 -0.45 0.00	54.25 0.00 0.00	56.02 0.55 0.00	56.36 0.78 0.00	54.91 -0.92 0.00	47.48 0.47 0.00	39.34 0.12 0.00	33.93 0.14 0.00
BLACKRVR_115KV_TB2 79977	32.77 0.03 0.00	28.09 -0.06 0.00	24.22 -0.15 0.00	21.86 -0.15 0.00	25.38 -0.18 0.00	31.60 -0.19 0.00	37.45 -0.08 0.00	39.77 -0.28 0.00	40.02 -0.45 0.00	38.66 -0.63 0.00	37.99 -0.54 0.00	38.11 -0.42 0.00	36.93 -0.60 0.00	37.86 -0.69 0.00	39.07 -0.55 0.00	41.38 -0.46 0.00	49.31 -0.40 0.00	54.31 0.05 0.00	56.08 0.61 0.00	56.41 0.83 0.00	54.91 0.92 0.00	47.48 0.47 0.00	39.34 0.12 0.00	33.93 0.14 0.00
BLDWN_LI_69_KV_BK4 356085	46.46 2.75 -10.98	45.85 2.79 -14.92	43.84 2.53 -16.94	43.69 2.29 -19.39	43.91 2.53 -15.82	44.29 2.64 -9.86	45.32 3.00 -4.79	47.07 3.68 -3.33	46.20 3.88 -1.85	45.62 3.89 -2.44	45.35 3.89 -2.92	46.85 4.05 -4.28	44.94 4.02 -3.40	47.02 4.13 -4.34	51.71 4.20 -7.89	55.30 4.48 -8.98	55.10 5.37 -0.02	60.46 5.53 -0.67	60.57 5.10 0.00	60.75 5.17 0.00	57.66 3.67 0.00	50.58 3.57 0.00	43.06 3.84 0.00	37.62 3.82 -0.01
BLISS_WT_PWR 323608	31.06 -1.67 0.00	26.43 -1.72 0.00	23.22 -1.14 0.00	21.09 -0.92 0.00	24.26 -1.30 0.00	30.33 -1.46 0.00	35.46 -2.06 0.00	37.65 -2.40 0.00	38.16 -2.30 0.00	37.13 -2.16 0.00	36.68 -1.85 0.00	36.26 -2.27 0.00	35.20 -2.33 0.00	35.90 -2.66 0.00	37.16 -2.46 0.00	39.29 -2.55 0.00	47.48 -2.19 0.03	51.05 -3.20 0.00	52.14 -3.33 0.00	52.63 -2.95 0.00	51.40 -2.59 0.00	44.71 -2.30 0.00	37.77 -1.45 0.00	32.75 -1.05 0.00
BLUESTONE___WT_PWR 323821	34.11 1.37 0.00	29.44 1.30 0.00	25.54 1.17 0.00	23.09 1.08 0.00	26.73 1.18 0.00	33.25 1.46 0.00	39.25 1.73 0.00	41.85 1.80 0.00	42.33 1.86 0.00	41.01 1.73 0.00	40.38 1.85 0.00	40.42 1.89 0.00	39.29 1.69 -0.08	40.47 1.74 -0.18	41.89 1.94 -0.33	44.35 2.13 -0.37	52.69 2.98 0.00	57.54 3.26 -0.03	58.91 3.44 0.00	59.19 3.61 0.00	57.40 3.40 0.00	49.83 2.82 0.00	41.41 2.19 0.00	35.92 2.13 0.00
BLUE_CIRC_CHEM_DRP 24182	33.35 0.62 0.00	29.07 0.93 0.00	25.27 0.90 0.00	22.85 0.84 0.00	26.48 0.92 0.00	32.46 0.67 0.00	38.09 0.56 0.00	40.77 0.72 0.00	40.99 0.53 0.00	39.72 0.43 0.00	38.80 0.27 0.00	38.84 0.31 0.00	37.86 0.34 0.00	38.94 0.39 0.00	40.06 0.44 0.00	42.34 0.50 0.00	50.45 0.75 0.00	54.85 0.60 0.00	56.19 0.72 0.00	56.64 1.06 0.00	54.75 0.76 0.00	47.72 0.71 0.00	40.00 0.78 0.00	34.74 0.95 0.00
BOC_GAS_DRP 24189	33.22 0.49 0.00	28.93 0.79 0.00	25.15 0.78 0.00	22.72 0.70 0.00	26.33 0.77 0.00	32.33 0.54 0.00	37.98 0.45 0.00	40.73 0.68 0.00	41.03 0.57 0.00	39.84 0.55 0.00	38.99 0.46 0.00	38.99 0.46 0.00	37.83 0.49 0.18	38.63 0.50 0.42	39.37 0.52 0.77	41.47 0.50 0.88	50.45 0.75 0.00	54.80 0.60 0.05	56.14 0.67 0.00	56.47 0.89 0.00	54.53 0.54 0.00	47.58 0.56 0.00	39.88 0.67 0.00	34.64 0.84 0.00
BOONVILLE_115KV_TB1 79983	33.13 0.39 0.00	28.45 0.31 0.00	24.59 0.22 0.00	22.21 0.20 0.00	25.76 0.20 0.00	32.05 0.25 0.00	37.86 0.34 0.00	40.33 0.28 0.00	40.75 0.28 0.00	39.48 0.20 0.00	38.80 0.27 0.00	38.80 0.27 0.00	37.68 0.15 0.00	38.71 0.15 0.00	39.86 0.24 0.00	42.13 0.29 0.00	50.25 0.55 0.00	55.07 0.81 0.00	56.47 1.00 0.00	56.69 1.11 0.00	55.02 1.03 0.00	47.67 0.66 0.00	39.65 0.43 0.00	34.23 0.44 0.00
BORALEX_4TH_BRANCH 23824	33.85 1.11 0.00	29.61 1.46 0.00	25.76 1.39 0.00	23.29 1.28 0.00	26.96 1.41 0.00	33.03 1.24 0.00	38.88 1.35 0.00	41.81 1.76 0.00	41.72 1.25 0.00	40.31 1.02 0.00	39.19 0.66 0.00	39.15 0.62 0.00	38.01 0.49 0.00	39.02 0.46 0.00	39.98 0.36 0.00	42.13 0.29 0.00	50.55 0.84 0.00	55.01 0.76 0.00	56.69 1.22 0.00	57.53 1.95 0.00	55.67 1.67 0.00	48.42 1.41 0.00	40.79 1.57 0.00	35.42 1.62 0.00
BOWLINE___1 23526	34.43 1.70 0.00	30.03 1.89 0.00	26.12 1.76 0.00	23.58 1.56 0.00	27.27 1.71 0.00	33.41 1.62 0.00	39.33 1.80 0.00	42.45 2.40 0.00	43.02 2.55 0.00	41.92 2.63 0.00	41.15 2.62 0.00	41.27 2.74 0.00	42.00 2.70 -1.77	45.44 2.78 -4.10	49.94 2.85 -7.46	53.35 3.01 -8.49	53.50 3.78 -0.02	58.74 3.85 -0.63	59.19 3.72 0.00	59.25 3.67 0.00	56.91 2.91 0.00	49.60 2.58 0.00	41.69 2.47 0.00	36.33 2.54 0.00
BOWLINE___2 23595	34.43 1.70 0.00	30.03 1.89 0.00	26.12 1.76 0.00	23.58 1.56 0.00	27.27 1.71 0.00	33.41 1.62 0.00	39.33 1.80 0.00	42.45 2.40 0.00	43.02 2.55 0.00	41.92 2.63 0.00	41.15 2.62 0.00	41.27 2.74 0.00	42.00 2.70 -1.77	45.44 2.78 -4.10	49.94 2.85 -7.46	53.35 3.01 -8.50	53.50 3.78 -0.02	58.74 3.85 -0.63	59.19 3.72 0.00	59.25 3.67 0.00	56.91 2.91 0.00	49.60 2.58 0.00	41.69 2.47 0.00	36.33 2.54 0.00
BRADY___115KV_TB2 356060	32.83 0.10 0.00	27.84 -0.31 0.00	23.88 -0.49 0.00	21.51 -0.51 0.00	25.05 -0.51 0.00	31.57 -0.22 0.00	37.79 0.26 0.00	40.25 0.20 0.00	40.55 0.08 0.00	39.25 -0.04 0.00	38.53 0.00 0.00	38.49 -0.04 0.00	37.41 -0.11 0.00	38.48 -0.08 0.00	39.50 -0.12 0.00	41.84 0.00 0.00	49.31 -0.40 0.00	54.25 0.00 0.00	55.53 0.06 0.00	55.47 -0.11 0.00	54.53 0.54 0.00	47.43 0.42 0.00	39.18 -0.04 0.00	33.25 -0.54 0.00
BRANSCOMB___SOLAR 323811	33.94 1.21 0.00	29.52 1.38 0.00	25.68 1.31 0.00	23.20 1.19 0.00	26.91 1.35 0.00	33.10 1.30 0.00	38.92 1.39 0.00	41.73 1.68 0.00	41.92 1.45 0.00	40.46 1.18 0.00	39.49 0.96 0.00	39.49 0.96 0.00	38.27 0.86 0.12	39.32 1.04 0.27	40.19 1.07 0.50	42.53 1.25 0.57	51.64 1.94 0.00	56.07 1.85 0.03	57.58 2.11 0.00	58.02 2.44 0.00	56.36 2.37 0.00	48.94 1.93 0.00	40.94 1.72 0.00	35.48 1.69 0.00
BRDGHMPT_69_KV_BK1 55812	48.01 4.29 -10.99	47.20 4.14 -14.92	45.96 3.70 -17.88	45.81 3.32 -20.47	45.97 3.71 -16.71	46.34 4.13 -10.41	47.39 4.80 -5.06	49.15 5.57 -3.53	48.27 5.83 -1.97	47.64 5.81 -2.54	61.73 5.74 -17.45	76.44 5.82 -32.09	46.49 5.55 -3.41	48.66 5.71 -4.40	53.34 5.82 -7.90	57.07 6.19 -9.04	56.94 7.21 -0.03	119.71 7.60 -57.86	62.29 6.82 0.00	62.42 6.84 0.00	59.23 5.24 0.00	52.05 5.03 -0.01	44.36 5.14 0.00	38.77 4.97 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	46.85 3.14 -10.98	46.21 3.15 -14.92	45.08 2.88 -17.83	45.03 2.60 -20.42	45.08 2.86 -16.66	45.23 3.05 -10.39	46.10 3.53 -5.05	47.44 3.92 -3.46	46.64 4.25 -1.92	46.13 4.32 -2.52	48.63 4.08 -6.02	52.83 4.24 -10.06	45.20 4.28 -3.40	47.23 4.32 -4.35	51.99 4.48 -7.89	55.52 4.69 -8.99	55.35 5.62 -0.03	72.51 5.70 -12.56	60.74 5.27 0.00	60.92 5.34 0.00	57.77 3.78 0.00	50.73 3.71 0.00	43.45 4.24 0.00	38.09 4.29 -0.01
BRISTLHL_115KV_TB1 79998	32.11 -0.62 0.00	27.64 -0.51 0.00	24.00 -0.37 0.00	21.71 -0.31 0.00	25.15 -0.41 0.00	31.28 -0.51 0.00	36.85 -0.68 0.00	39.09 -0.96 0.00	39.57 -0.89 0.00	38.42 -0.86 0.00	37.68 -0.85 0.00	37.68 -0.85 0.00	36.74 -0.79 0.00	37.75 -0.81 0.00	38.79 -0.83 0.00	40.96 -0.88 0.00	48.61 -1.09 0.00	53.17 -1.09 0.00	54.42 -1.05 0.00	54.69 -0.89 0.00	52.91 -1.08 0.00	45.98 -1.03 0.00	38.43 -0.78 0.00	33.29 -0.51 0.00
BROOKHAVEN___DRP 24191	47.25 3.54 -10.99	46.55 3.49 -14.92	45.40 3.14 -17.89	45.33 2.84 -20.48	45.44 3.17 -16.71	45.64 3.43 -10.42	46.57 3.98 -5.06	48.15 4.57 -3.53	47.25 4.82 -1.97	46.66 4.83 -2.54	60.59 4.70 -17.36	75.24 4.82 -31.90	45.55 4.62 -3.41	47.66 4.70 -4.40	52.27 4.75 -7.90	55.94 5.06 -9.04	55.65 5.91 -0.03	117.80 6.08 -57.47	60.85 5.38 0.00	60.97 5.39 0.00	57.88 3.89 0.00	50.83 3.81 -0.01	43.45 4.24 0.00	38.06 4.26 -0.01
BROOKLYN_NAVY_YARD 23515	34.72 2.00 0.01	30.31 2.17 0.00	26.41 2.05 0.00	23.84 1.83 0.00	27.55 1.99 0.00	33.70 1.91 0.00	39.74 2.21 0.00	42.94 2.89 0.00	43.62 3.16 0.00	42.51 3.22 0.00	41.73 3.20 0.00	41.96 3.43 0.00	42.78 3.38 -1.87	46.36 3.47 -4.33	51.06 3.57 -7.88	54.53 3.72 -8.97	54.30 4.57 -0.02	59.59 4.67 -0.67	59.91 4.44 0.00	59.92 4.34 0.00	57.45 3.46 0.00	50.16 3.15 0.00	42.20 2.98 0.00	36.80 3.01 0.00
BROOKLYN___ARMY_DRP 323595	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
BROOME_2_LFGE 323671	32.77 0.03 0.00	28.20 0.06 0.00	24.56 0.19 0.00	22.21 0.20 0.00	25.71 0.15 0.00	31.92 0.13 0.00	37.60 0.08 0.00	40.13 0.08 0.00	40.59 0.12 0.00	39.44 0.16 0.00	38.76 0.23 0.00	38.72 0.19 0.00	37.79 0.19 -0.07	38.84 0.12 -0.17	40.13 0.20 -0.31	42.41 0.21 -0.35	50.05 0.35 0.00	54.50 0.22 -0.03	55.64 0.17 0.00	55.92 0.34 0.00	54.15 0.16 0.00	47.11 0.09 0.00	39.45 0.24 0.00	34.20 0.41 0.00
BROOME___LFGE 323600	32.77 0.03 0.00	28.20 0.06 0.00	24.56 0.19 0.00	22.21 0.20 0.00	25.71 0.15 0.00	31.92 0.13 0.00	37.60 0.08 0.00	40.13 0.08 0.00	40.59 0.12 0.00	39.44 0.16 0.00	38.76 0.23 0.00	38.72 0.19 0.00	37.79 0.19 -0.07	38.84 0.12 -0.17	40.13 0.20 -0.31	42.41 0.21 -0.35	50.05 0.35 0.00	54.50 0.22 -0.03	55.64 0.17 0.00	55.92 0.34 0.00	54.15 0.16 0.00	47.11 0.09 0.00	39.45 0.24 0.00	34.20 0.41 0.00
BROWNFLS_115KV_TB 3_5 80003	32.01 -0.72 0.00	27.27 -0.87 0.00	23.44 -0.93 0.00	21.13 -0.88 0.00	24.56 -1.00 0.00	30.74 -1.05 0.00	36.66 -0.86 0.00	39.05 -1.00 0.00	39.37 -1.09 0.00	38.11 -1.18 0.00	37.45 -1.08 0.00	37.45 -1.08 0.00	36.36 -1.16 0.00	37.36 -1.20 0.00	38.39 -1.23 0.00	40.67 -1.17 0.00	48.11 -1.59 0.00	52.95 -1.30 0.00	54.36 -1.11 0.00	54.41 -1.17 0.00	53.18 -0.81 0.00	46.12 -0.89 0.00	38.20 -1.02 0.00	32.65 -1.15 0.00
BROWNSV1_27_KV_LOAD 356125	35.09 2.36 0.00	30.62 2.48 0.00	26.63 2.27 0.00	24.04 2.03 0.00	27.78 2.22 0.00	34.02 2.23 0.00	40.08 2.55 0.00	43.29 3.24 0.00	43.99 3.52 0.00	42.86 3.58 0.00	42.11 3.58 0.00	42.31 3.78 0.00	43.15 3.75 -1.87	46.74 3.86 -4.33	51.46 3.96 -7.88	54.95 4.14 -8.97	54.80 5.07 -0.02	60.13 5.21 -0.67	60.63 5.16 0.00	60.92 5.34 0.00	57.99 4.00 0.00	50.63 3.62 0.00	42.59 3.37 0.00	37.17 3.38 0.00
BURROWS___LYONSDAL 23803	32.99 0.26 0.00	28.29 0.14 0.00	24.44 0.07 0.00	22.06 0.04 0.00	25.58 0.03 0.00	31.82 0.03 0.00	37.64 0.11 0.00	40.09 0.04 0.00	40.47 0.00 0.00	39.21 -0.08 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.41 -0.11 0.00	38.40 -0.15 0.00	39.54 -0.08 0.00	41.84 0.00 0.00	49.85 0.15 0.00	54.69 0.43 0.00	56.19 0.72 0.00	56.36 0.78 0.00	54.69 0.70 0.00	47.39 0.38 0.00	39.37 0.16 0.00	34.00 0.20 0.00
CAITHNESS_CC_1 323624	47.12 3.40 -10.99	46.44 3.38 -14.92	45.30 3.05 -17.89	45.22 2.73 -20.48	45.31 3.04 -16.71	45.51 3.31 -10.42	46.38 3.79 -5.06	47.95 4.37 -3.53	47.05 4.61 -1.97	46.50 4.67 -2.54	60.29 4.51 -17.26	74.86 4.62 -31.71	45.40 4.46 -3.41	47.50 4.55 -4.40	52.15 4.63 -7.90	55.77 4.89 -9.04	55.50 5.76 -0.03	117.30 5.97 -57.08	60.63 5.16 0.00	60.47 4.89 0.00	57.88 3.89 0.00	50.78 3.76 -0.01	43.37 4.16 0.00	38.06 4.26 -0.01
CALPINE BETH_PAGE_GT4 24209	46.36 2.65 -10.98	45.79 2.73 -14.92	43.98 2.49 -17.13	43.87 2.25 -19.61	44.04 2.48 -16.00	44.34 2.58 -9.97	45.30 2.93 -4.85	47.01 3.60 -3.36	46.13 3.80 -1.87	45.60 3.85 -2.46	45.48 3.81 -3.13	47.14 3.97 -4.64	44.83 3.90 -3.40	46.95 4.05 -4.34	51.47 3.96 -7.89	55.00 4.18 -8.98	54.70 4.97 -0.02	60.76 5.10 -1.41	60.07 4.60 0.00	60.25 4.67 0.00	57.18 3.19 0.00	50.21 3.20 0.00	42.98 3.76 0.00	37.65 3.85 -0.01
CALPINE_BETH_PAGE_GT_4 323586	46.36 2.65 -10.98	45.79 2.73 -14.92	43.98 2.49 -17.13	43.87 2.25 -19.61	44.04 2.48 -16.00	44.34 2.57 -9.97	45.30 2.93 -4.85	47.02 3.61 -3.36	46.13 3.80 -1.87	45.60 3.85 -2.46	45.48 3.82 -3.13	47.14 3.97 -4.64	44.82 3.90 -3.40	46.91 4.01 -4.34	51.47 3.96 -7.89	55.00 4.18 -8.98	54.75 5.02 -0.02	60.76 5.10 -1.41	59.96 4.49 0.00	59.80 4.22 0.00	57.23 3.24 0.00	50.21 3.20 0.00	42.98 3.77 0.00	37.65 3.85 -0.01
CALPINE_BP_GT1 23823	46.36 2.65 -10.98	45.79 2.73 -14.92	43.98 2.49 -17.13	43.87 2.25 -19.61	44.04 2.48 -16.00	44.34 2.57 -9.97	45.30 2.93 -4.85	47.02 3.61 -3.36	46.13 3.80 -1.87	45.60 3.85 -2.46	45.48 3.82 -3.13	47.14 3.97 -4.64	44.82 3.90 -3.40	46.91 4.01 -4.34	51.47 3.96 -7.89	55.00 4.18 -8.98	54.75 5.02 -0.02	60.76 5.10 -1.41	59.96 4.49 0.00	59.80 4.22 0.00	57.23 3.24 0.00	50.21 3.20 0.00	42.98 3.77 0.00	37.65 3.85 -0.01
CALSPAN___DRP 24200	31.03 -1.70 0.00	26.40 -1.74 0.00	23.27 -1.10 0.00	21.11 -0.90 0.00	24.28 -1.28 0.00	30.49 -1.30 0.00	35.61 -1.91 0.00	37.49 -2.56 0.00	38.00 -2.47 0.00	36.97 -2.32 0.00	36.53 -2.00 0.00	36.30 -2.23 0.00	35.43 -2.10 0.00	36.24 -2.31 0.00	37.32 -2.30 0.00	39.25 -2.59 0.00	46.77 -2.88 0.05	50.67 -3.58 0.00	52.14 -3.33 0.00	52.75 -2.83 0.00	50.59 -3.40 0.00	43.91 -3.10 0.00	37.14 -2.08 0.00	32.48 -1.32 0.00

CALVERTON___SOLAR 323806	47.42 3.70 -10.99	46.69 3.63 -14.92	45.52 3.27 -17.89	45.42 2.93 -20.47	45.54 3.27 -16.71	45.77 3.56 -10.42	46.72 4.13 -5.06	48.34 4.76 -3.53	47.46 5.02 -1.97	46.85 5.03 -2.54	60.83 4.89 -17.40	75.52 5.01 -31.99	45.70 4.77 -3.41	47.81 4.86 -4.40	52.43 4.91 -7.90	56.11 5.23 -9.04	55.85 6.11 -0.03	118.26 6.34 -57.66	60.91 5.44 0.00	60.69 5.11 0.00	58.09 4.10 0.00	50.97 3.95 -0.01	43.53 4.31 0.00	38.13 4.33 -0.01
CANDIGU_WT_PWR 323617	31.88 -0.85 0.00	27.24 -0.90 0.00	23.83 -0.54 0.00	21.57 -0.44 0.00	24.89 -0.66 0.00	31.09 -0.70 0.00	36.55 -0.98 0.00	38.85 -1.20 0.00	39.29 -1.17 0.00	37.99 -1.30 0.00	37.45 -1.08 0.00	37.26 -1.27 0.00	36.25 -1.28 0.00	36.90 -1.66 0.00	38.00 -1.63 0.00	40.09 -1.76 0.00	47.53 -1.89 0.29	52.25 -2.01 0.00	53.58 -1.89 0.00	54.25 -1.33 0.00	52.80 -1.19 0.00	45.93 -1.08 0.00	38.55 -0.67 0.00	33.46 -0.34 0.00
CARR STREET_E_SYR 24060	32.47 -0.26 0.00	27.95 -0.20 0.00	24.29 -0.07 0.00	21.97 -0.04 0.00	25.43 -0.13 0.00	31.63 -0.16 0.00	37.27 -0.26 0.00	39.61 -0.44 0.00	40.10 -0.36 0.00	38.93 -0.35 0.00	38.22 -0.31 0.00	38.22 -0.31 0.00	37.27 -0.26 0.00	38.25 -0.31 0.00	39.35 -0.28 0.00	41.55 -0.29 0.00	49.11 -0.59 0.00	53.66 -0.60 0.00	54.81 -0.66 0.00	54.97 -0.61 0.00	53.40 -0.59 0.00	46.54 -0.47 0.00	38.90 -0.32 0.00	33.69 -0.10 0.00
CARTHAGE___PAPER 23857	32.63 -0.10 0.00	27.89 -0.25 0.00	24.03 -0.34 0.00	21.68 -0.33 0.00	25.12 -0.43 0.00	31.38 -0.41 0.00	37.27 -0.26 0.00	39.61 -0.44 0.00	39.90 -0.57 0.00	38.54 -0.75 0.00	37.84 -0.69 0.00	37.88 -0.66 0.00	36.74 -0.79 0.00	37.67 -0.89 0.00	38.83 -0.79 0.00	41.13 -0.71 0.00	48.91 -0.80 0.00	53.98 -0.27 0.00	55.64 0.17 0.00	55.92 0.34 0.00	54.42 0.43 0.00	47.11 0.09 0.00	39.02 -0.20 0.00	33.56 -0.23 0.00
CASSADAGA_WT_PWR 323784	31.29 -1.44 0.00	26.48 -1.66 0.00	23.30 -1.07 0.00	21.13 -0.88 0.00	24.28 -1.28 0.00	30.52 -1.27 0.00	35.88 -1.65 0.00	38.01 -2.04 0.00	38.69 -1.78 0.00	37.75 -1.53 0.00	37.30 -1.23 0.00	36.88 -1.66 0.00	35.88 -1.65 0.00	36.55 -2.01 0.00	37.72 -1.90 0.00	39.88 -1.97 0.00	47.68 -1.99 0.04	52.03 -2.23 0.00	53.25 -2.22 0.00	53.80 -1.78 0.00	52.37 -1.62 0.00	45.41 -1.60 0.00	38.20 -1.02 0.00	33.02 -0.78 0.00
CE_DUNWOOD___DRP 24194	34.63 1.90 0.00	30.23 2.08 0.00	26.29 1.93 0.00	23.73 1.72 0.00	27.45 1.89 0.00	33.60 1.81 0.00	39.59 2.06 0.00	42.73 2.68 0.00	43.34 2.87 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.57 3.04 0.00	42.43 3.04 -1.86	46.00 3.12 -4.32	50.68 3.21 -7.85	54.13 3.35 -8.94	53.85 4.13 -0.02	59.15 4.23 -0.67	59.69 4.22 0.00	59.97 4.39 0.00	57.18 3.19 0.00	49.88 2.87 0.00	41.92 2.71 0.00	36.57 2.77 0.00
CE_MILLWOOD___DRP 24193	34.53 1.80 0.00	30.14 2.00 0.00	26.19 1.83 0.00	23.67 1.65 0.00	27.35 1.79 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.57 2.52 0.00	43.18 2.71 0.00	42.04 2.75 0.00	41.31 2.77 0.00	41.42 2.89 0.00	42.26 2.89 -1.84	45.75 2.93 -4.26	50.42 3.05 -7.75	53.89 3.22 -8.82	53.70 3.98 -0.02	58.93 4.01 -0.66	59.52 4.05 0.00	59.81 4.22 0.00	57.07 3.08 0.00	49.78 2.77 0.00	41.81 2.59 0.00	36.46 2.67 0.00
CE_NYC2_DRP 24202	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	24.00 1.98 0.00	27.68 2.12 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.62 3.16 0.00	42.55 3.26 0.00	41.84 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.70 4.77 -0.67	60.18 4.71 0.00	60.47 4.89 0.00	57.56 3.56 0.00	50.21 3.20 0.00	42.28 3.06 0.00	36.87 3.08 0.00
CE_NYC_DRP 24195	34.89 2.16 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.92 0.00	27.65 2.10 0.00	33.83 2.03 0.00	39.89 2.36 0.00	43.05 3.00 0.00	43.74 3.28 0.00	42.63 3.34 0.00	41.84 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.70 4.77 -0.67	60.24 4.77 0.00	60.47 4.89 0.00	57.61 3.62 0.00	50.30 3.29 0.00	42.32 3.10 0.00	36.94 3.14 0.00
CHAFFEE___LFGE 323603	31.13 -1.60 0.00	26.46 -1.69 0.00	23.32 -1.05 0.00	21.16 -0.86 0.00	24.38 -1.18 0.00	30.52 -1.27 0.00	35.69 -1.84 0.00	37.65 -2.40 0.00	38.16 -2.30 0.00	37.09 -2.20 0.00	36.68 -1.85 0.00	36.45 -2.08 0.00	35.57 -1.95 0.00	36.28 -2.27 0.00	37.52 -2.10 0.00	39.46 -2.38 0.00	46.83 -2.83 0.04	50.89 -3.36 0.00	51.75 -3.72 0.00	52.13 -3.45 0.00	50.81 -3.19 0.00	44.10 -2.91 0.00	37.26 -1.96 0.00	32.48 -1.32 0.00
CHATEAUG_35_KV_LOAD 355732	32.99 0.26 0.00	27.98 -0.17 0.00	24.05 -0.32 0.00	21.66 -0.35 0.00	25.20 -0.36 0.00	31.76 -0.03 0.00	37.83 0.30 0.00	40.33 0.28 0.00	40.75 0.28 0.00	39.56 0.28 0.00	38.84 0.31 0.00	38.72 0.19 0.00	37.68 0.15 0.00	38.75 0.19 0.00	39.70 0.08 0.00	42.13 0.29 0.00	49.60 -0.10 0.00	54.47 0.22 0.00	55.58 0.11 0.00	55.41 -0.17 0.00	54.37 0.38 0.00	47.34 0.33 0.00	39.18 -0.04 0.00	33.25 -0.54 0.00
CHATEAUG_WT_PWR 323614	32.93 0.20 0.00	27.98 -0.17 0.00	24.05 -0.32 0.00	21.66 -0.35 0.00	25.23 -0.33 0.00	31.76 -0.03 0.00	37.79 0.26 0.00	40.29 0.24 0.00	40.75 0.29 0.00	39.52 0.24 0.00	38.84 0.31 0.00	38.76 0.23 0.00	37.72 0.19 0.00	38.75 0.19 0.00	39.74 0.12 0.00	42.17 0.33 0.00	49.65 -0.05 0.00	54.42 0.16 0.00	55.75 0.28 0.00	55.75 0.17 0.00	54.32 0.33 0.00	47.25 0.24 0.00	39.14 -0.08 0.00	33.29 -0.51 0.00
CHAT_HIGH_FALL_HYD 323578	32.99 0.26 0.00	27.98 -0.17 0.00	24.05 -0.32 0.00	21.66 -0.35 0.00	25.20 -0.36 0.00	31.76 -0.03 0.00	37.83 0.30 0.00	40.33 0.28 0.00	40.75 0.28 0.00	39.56 0.28 0.00	38.84 0.31 0.00	38.72 0.19 0.00	37.68 0.15 0.00	38.75 0.19 0.00	39.70 0.08 0.00	42.13 0.29 0.00	49.60 -0.10 0.00	54.47 0.22 0.00	55.58 0.11 0.00	55.41 -0.17 0.00	54.37 0.38 0.00	47.34 0.33 0.00	39.18 -0.04 0.00	33.25 -0.54 0.00
CHAUTAUQUA___LFGE 323629	31.33 -1.41 0.00	26.60 -1.55 0.00	23.42 -0.95 0.00	21.24 -0.77 0.00	24.46 -1.10 0.00	30.65 -1.14 0.00	35.95 -1.57 0.00	38.05 -2.00 0.00	38.56 -1.90 0.00	37.56 -1.73 0.00	37.11 -1.42 0.00	36.80 -1.73 0.00	35.88 -1.65 0.00	36.59 -1.96 0.00	37.80 -1.82 0.00	39.83 -2.01 0.00	47.27 -2.38 0.05	51.65 -2.60 0.00	52.70 -2.77 0.00	53.19 -2.39 0.00	51.78 -2.22 0.00	44.90 -2.11 0.00	37.88 -1.33 0.00	32.92 -0.88 0.00
CHERRYST_13_KV_LD 356241	34.99 2.26 0.00	30.54 2.39 0.00	26.58 2.22 0.00	24.00 1.98 0.00	27.71 2.15 0.00	33.92 2.13 0.00	40.00 2.48 0.00	43.21 3.16 0.00	43.86 3.40 0.00	42.74 3.46 0.00	42.00 3.47 0.00	42.19 3.66 0.00	43.04 3.64 -1.87	46.63 3.74 -4.33	51.34 3.84 -7.88	54.83 4.02 -8.97	54.65 4.92 -0.02	59.91 4.99 -0.67	60.41 4.94 0.00	60.69 5.11 0.00	57.77 3.78 0.00	50.44 3.43 0.00	42.43 3.22 0.00	37.04 3.24 0.00

CHESTROR_138KV_BK263 355645	34.24 1.51 0.00	29.83 1.69 0.00	25.93 1.56 0.00	23.40 1.39 0.00	27.07 1.51 0.00	33.25 1.46 0.00	39.10 1.58 0.00	42.13 2.08 0.00	42.69 2.23 0.00	41.57 2.28 0.00	40.77 2.23 0.00	40.84 2.31 0.00	41.45 2.29 -1.63	44.69 2.35 -3.78	48.95 2.46 -6.87	52.26 2.59 -7.83	53.01 3.28 -0.02	58.15 3.31 -0.58	58.85 3.38 0.00	59.19 3.61 0.00	56.58 2.59 0.00	49.36 2.35 0.00	41.41 2.20 0.00	36.06 2.26 0.00
CH_MIDHUDSON___DRP 24192	34.43 1.70 0.00	30.03 1.89 0.00	26.10 1.73 0.00	23.58 1.56 0.00	27.27 1.71 0.00	33.41 1.62 0.00	39.29 1.76 0.00	42.37 2.32 0.00	42.93 2.47 0.00	41.80 2.51 0.00	41.00 2.47 0.00	41.04 2.50 0.00	41.87 2.51 -1.83	45.37 2.58 -4.23	50.01 2.69 -7.69	53.49 2.89 -8.76	53.31 3.58 -0.02	58.54 3.64 -0.65	59.19 3.72 0.00	59.47 3.89 0.00	56.85 2.86 0.00	49.64 2.63 0.00	41.65 2.43 0.00	36.26 2.47 0.00
CH_MISC_IPPS 23765	34.60 1.86 0.00	30.17 2.03 0.00	26.22 1.85 0.00	23.67 1.65 0.00	27.37 1.81 0.00	33.60 1.81 0.00	39.48 1.95 0.00	42.58 2.52 0.00	43.18 2.71 0.00	42.00 2.71 0.00	41.23 2.70 0.00	41.23 2.70 0.00	42.02 2.70 -1.79	45.51 2.81 -4.14	50.08 2.93 -7.53	53.55 3.14 -8.57	53.70 3.98 -0.02	58.97 4.07 -0.64	59.47 4.00 0.00	59.53 3.95 0.00	57.29 3.29 0.00	49.97 2.96 0.00	41.92 2.70 0.00	36.46 2.67 0.00
CH_RES_BVR_FALLS 23983	32.54 -0.20 0.00	27.81 -0.34 0.00	23.98 -0.39 0.00	21.62 -0.40 0.00	25.12 -0.43 0.00	31.38 -0.41 0.00	37.15 -0.38 0.00	39.73 -0.32 0.00	40.22 -0.24 0.00	39.05 -0.23 0.00	38.30 -0.23 0.00	38.22 -0.31 0.00	37.19 -0.34 0.00	38.21 -0.35 0.00	39.23 -0.40 0.00	41.63 -0.21 0.00	49.21 -0.50 0.00	53.82 -0.44 0.00	55.14 -0.33 0.00	55.36 -0.22 0.00	53.78 -0.22 0.00	46.78 -0.23 0.00	38.98 -0.23 0.00	33.56 -0.23 0.00
CH_RES_NIAGARA 23895	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.77 -1.79 0.00	29.79 -2.00 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.20 -3.35 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.54 -5.12 0.04	48.94 -5.32 0.00	50.20 -5.27 0.00	50.69 -4.89 0.00	48.65 -5.35 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.43 -2.37 0.00
CH_RES_SYRACUSE 23985	32.54 -0.20 0.00	28.00 -0.14 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.38 -0.15 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.27 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.29 -0.27 0.00	39.39 -0.24 0.00	41.63 -0.21 0.00	49.30 -0.40 0.00	53.93 -0.32 0.00	55.08 -0.39 0.00	55.25 -0.33 0.00	53.62 -0.38 0.00	46.68 -0.33 0.00	38.98 -0.23 0.00	33.73 -0.07 0.00
CLINTON_WT_PWR 323605	32.93 0.20 0.00	27.98 -0.17 0.00	24.05 -0.32 0.00	21.66 -0.35 0.00	25.23 -0.33 0.00	31.76 -0.03 0.00	37.79 0.26 0.00	40.29 0.24 0.00	40.75 0.29 0.00	39.52 0.24 0.00	38.84 0.31 0.00	38.76 0.23 0.00	37.72 0.19 0.00	38.75 0.19 0.00	39.74 0.12 0.00	42.17 0.33 0.00	49.65 -0.05 0.00	54.42 0.16 0.00	55.75 0.28 0.00	55.75 0.17 0.00	54.32 0.33 0.00	47.25 0.24 0.00	39.14 -0.08 0.00	33.29 -0.51 0.00
CLINTON___LFGE 323618	33.42 0.69 0.00	28.34 0.20 0.00	24.37 0.00 0.00	21.95 -0.07 0.00	25.48 -0.08 0.00	32.14 0.35 0.00	38.28 0.75 0.00	40.85 0.80 0.00	41.27 0.81 0.00	40.03 0.74 0.00	39.38 0.85 0.00	39.26 0.73 0.00	38.20 0.68 0.00	39.25 0.69 0.00	40.18 0.55 0.00	42.72 0.88 0.00	50.30 0.60 0.00	55.23 0.98 0.00	56.58 1.11 0.00	56.63 1.05 0.00	55.13 1.14 0.00	48.00 0.99 0.00	39.69 0.47 0.00	33.73 -0.07 0.00
COBBLENY_34_KV_TB1 80064	31.13 -1.60 0.00	26.46 -1.69 0.00	23.32 -1.05 0.00	21.16 -0.86 0.00	24.36 -1.20 0.00	30.55 -1.24 0.00	35.69 -1.84 0.00	37.65 -2.40 0.00	38.16 -2.31 0.00	37.09 -2.20 0.00	36.68 -1.85 0.00	36.45 -2.08 0.00	35.58 -1.95 0.00	36.40 -2.16 0.00	37.52 -2.10 0.00	39.46 -2.38 0.00	47.13 -2.53 0.04	50.94 -3.31 0.00	52.42 -3.05 0.00	53.02 -2.56 0.00	50.81 -3.19 0.00	44.10 -2.91 0.00	37.26 -1.96 0.00	32.54 -1.25 0.00
COFFEEN___115KV_TB3 355620	32.90 0.16 0.00	28.20 0.06 0.00	24.32 -0.05 0.00	21.97 -0.04 0.00	25.48 -0.08 0.00	31.73 -0.06 0.00	37.60 0.08 0.00	39.89 -0.16 0.00	40.14 -0.32 0.00	38.74 -0.55 0.00	38.11 -0.42 0.00	38.18 -0.35 0.00	37.00 -0.53 0.00	37.94 -0.62 0.00	39.15 -0.48 0.00	41.51 -0.33 0.00	49.45 -0.25 0.00	54.53 0.27 0.00	56.36 0.89 0.00	56.80 1.22 0.00	55.29 1.30 0.00	47.76 0.75 0.00	39.53 0.31 0.00	34.10 0.30 0.00
COLDSPRG_115KV_BK1 355956	31.78 -0.95 0.00	26.99 -1.15 0.00	23.76 -0.61 0.00	21.53 -0.48 0.00	24.77 -0.79 0.00	31.09 -0.70 0.00	36.48 -1.05 0.00	38.73 -1.32 0.00	39.33 -1.13 0.00	38.30 -0.98 0.00	37.88 -0.66 0.00	37.53 -1.00 0.00	36.55 -0.98 0.00	37.36 -1.20 0.00	38.47 -1.15 0.00	40.59 -1.26 0.00	49.18 -0.50 0.02	52.79 -1.46 0.00	54.53 -0.94 0.00	55.25 -0.33 0.00	52.80 -1.19 0.00	45.79 -1.22 0.00	38.59 -0.63 0.00	33.49 -0.30 0.00
COLONIE_LFGE___ 323577	33.62 0.88 0.00	29.30 1.15 0.00	25.49 1.12 0.00	23.05 1.03 0.00	26.68 1.12 0.00	32.78 0.99 0.00	38.50 0.97 0.00	41.33 1.28 0.00	41.48 1.01 0.00	40.15 0.86 0.00	39.15 0.61 0.00	39.15 0.61 0.00	37.99 0.56 0.10	38.98 0.65 0.23	39.84 0.63 0.41	42.04 0.67 0.47	50.94 1.24 0.00	55.28 1.03 0.00	56.58 1.11 0.00	57.08 1.50 0.00	55.39 1.40 0.00	48.19 1.18 0.00	40.43 1.22 0.00	35.08 1.28 0.00
COOPERNY_115KV_TB1 80082	33.85 1.11 0.00	29.38 1.24 0.00	25.51 1.15 0.00	23.05 1.03 0.00	26.68 1.12 0.00	32.87 1.08 0.00	38.69 1.16 0.00	41.57 1.52 0.00	42.08 1.62 0.00	40.94 1.65 0.00	40.19 1.66 0.00	40.26 1.73 0.00	40.30 1.69 -1.09	42.81 1.74 -2.52	46.02 1.82 -4.57	48.97 1.92 -5.21	52.15 2.44 -0.01	57.09 2.44 -0.39	57.97 2.50 0.00	58.25 2.67 0.00	55.88 1.89 0.00	48.75 1.74 0.00	40.86 1.65 0.00	35.52 1.72 0.00
COPENHAGEN_WT_PWR 323753	32.73 0.00 0.00	28.03 -0.11 0.00	24.20 -0.17 0.00	21.86 -0.15 0.00	25.30 -0.26 0.00	31.57 -0.22 0.00	37.38 -0.15 0.00	39.69 -0.36 0.00	39.98 -0.48 0.00	38.62 -0.67 0.00	37.99 -0.54 0.00	38.07 -0.46 0.00	36.92 -0.60 0.00	37.86 -0.69 0.00	39.07 -0.55 0.00	41.34 -0.50 0.00	49.16 -0.55 0.00	54.15 -0.11 0.00	55.86 0.39 0.00	56.14 0.56 0.00	54.69 0.70 0.00	47.34 0.33 0.00	39.26 0.04 0.00	33.86 0.07 0.00
CORNELL_____ 23752	33.22 0.49 0.00	28.59 0.45 0.00	24.85 0.49 0.00	22.45 0.44 0.00	26.02 0.46 0.00	32.40 0.60 0.00	38.20 0.68 0.00	40.73 0.68 0.00	41.11 0.65 0.00	39.80 0.51 0.00	39.07 0.54 0.00	39.03 0.50 0.00	38.01 0.49 0.00	39.02 0.46 0.00	40.18 0.55 0.00	42.47 0.63 0.00	50.67 0.94 -0.02	55.36 1.09 -0.02	56.86 1.39 0.00	57.36 1.78 0.00	55.29 1.30 0.00	48.05 1.03 0.00	40.08 0.86 0.00	34.67 0.88 0.00

CORONA__69_KV_TB1 355595	46.43 2.72 -10.98	45.82 2.76 -14.92	42.41 2.51 -15.54	42.05 2.25 -17.79	42.55 2.48 -14.52	43.41 2.58 -9.05	44.85 2.93 -4.40	46.86 3.64 -3.17	46.07 3.84 -1.76	45.46 3.85 -2.32	45.20 3.89 -2.78	46.85 4.05 -4.28	44.90 3.98 -3.40	47.06 4.16 -4.34	51.79 4.28 -7.89	55.34 4.52 -8.98	55.15 5.42 -0.02	60.51 5.59 -0.67	60.63 5.16 0.00	60.81 5.22 0.00	57.72 3.73 0.00	50.63 3.62 0.00	42.98 3.76 0.00	37.52 3.72 -0.01
CORTLAND__115KV_TB3 80093	32.99 0.26 0.00	28.43 0.28 0.00	24.71 0.34 0.00	22.32 0.31 0.00	25.87 0.31 0.00	32.17 0.38 0.00	37.90 0.38 0.00	40.41 0.36 0.00	40.83 0.36 0.00	39.56 0.28 0.00	38.84 0.31 0.00	38.84 0.31 0.00	37.83 0.30 0.00	38.83 0.27 0.00	39.98 0.36 0.00	42.22 0.38 0.00	50.30 0.60 0.00	54.91 0.65 0.00	56.30 0.83 0.00	56.69 1.11 0.00	54.69 0.70 0.00	47.53 0.52 0.00	39.73 0.51 0.00	34.40 0.61 0.00
COXSACKIE__GT 23611	34.14 1.41 0.00	29.80 1.66 0.00	25.88 1.51 0.00	23.40 1.39 0.00	27.14 1.59 0.00	33.29 1.49 0.00	38.95 1.43 0.00	41.77 1.72 0.00	41.84 1.38 0.00	40.35 1.06 0.00	39.19 0.65 0.00	39.03 0.50 0.00	38.49 0.68 -0.28	40.06 0.85 -0.65	41.72 0.91 -1.19	44.41 1.21 -1.35	51.49 1.79 0.00	56.54 2.17 -0.11	57.80 2.33 0.00	58.30 2.72 0.00	56.64 2.64 0.00	49.41 2.40 0.00	41.22 2.00 0.00	35.72 1.93 0.00
CPV_VALLEY__CC1 323721	34.04 1.31 0.00	29.64 1.49 0.00	25.76 1.39 0.00	23.27 1.25 0.00	26.91 1.35 0.00	33.06 1.27 0.00	38.92 1.39 0.00	41.89 1.84 0.00	42.45 1.98 0.00	41.29 2.00 0.00	40.53 2.00 0.00	40.61 2.08 0.00	41.03 2.06 -1.44	44.01 2.12 -3.34	47.90 2.22 -6.06	51.09 2.34 -6.90	52.65 2.93 -0.02	57.75 2.98 -0.52	58.35 2.88 0.00	58.41 2.83 0.00	56.26 2.27 0.00	49.03 2.02 0.00	41.14 1.92 0.00	35.82 2.03 0.00
CPV_VALLEY__CC2 323722	34.04 1.31 0.00	29.64 1.49 0.00	25.76 1.39 0.00	23.27 1.25 0.00	26.91 1.35 0.00	33.06 1.27 0.00	38.92 1.39 0.00	41.89 1.84 0.00	42.45 1.98 0.00	41.29 2.00 0.00	40.53 2.00 0.00	40.61 2.08 0.00	41.03 2.06 -1.44	44.01 2.12 -3.34	47.90 2.22 -6.06	51.09 2.34 -6.90	52.65 2.93 -0.02	57.75 2.98 -0.52	58.35 2.88 0.00	58.41 2.83 0.00	56.26 2.27 0.00	49.03 2.02 0.00	41.14 1.92 0.00	35.82 2.03 0.00
CRESCENT__HYD 24018	33.62 0.88 0.00	29.30 1.15 0.00	25.49 1.12 0.00	23.05 1.03 0.00	26.68 1.12 0.00	32.78 0.99 0.00	38.50 0.97 0.00	41.33 1.28 0.00	41.48 1.01 0.00	40.15 0.86 0.00	39.15 0.61 0.00	39.15 0.61 0.00	37.99 0.56 0.10	38.98 0.65 0.23	39.84 0.63 0.41	42.04 0.67 0.47	50.94 1.24 0.00	55.28 1.03 0.00	56.58 1.11 0.00	57.08 1.50 0.00	55.39 1.40 0.00	48.19 1.18 0.00	40.43 1.22 0.00	35.08 1.28 0.00
CRICKET__VALLEY_CC1 323756	34.11 1.37 0.00	29.80 1.66 0.00	25.95 1.58 0.00	23.42 1.41 0.00	27.09 1.53 0.00	33.13 1.33 0.00	38.95 1.43 0.00	42.01 1.96 0.00	42.57 2.10 0.00	41.41 2.12 0.00	40.65 2.12 0.00	40.76 2.23 0.00	41.77 2.21 -2.03	45.57 2.31 -4.70	50.55 2.38 -8.55	54.04 2.47 -9.73	52.86 3.13 -0.03	58.07 3.09 -0.73	58.41 2.94 0.00	58.52 2.94 0.00	56.31 2.32 0.00	49.13 2.12 0.00	41.26 2.04 0.00	35.92 2.13 0.00
CRICKET__VALLEY_CC2 323757	34.11 1.37 0.00	29.80 1.66 0.00	25.95 1.58 0.00	23.42 1.41 0.00	27.09 1.53 0.00	33.13 1.33 0.00	38.95 1.43 0.00	42.01 1.96 0.00	42.57 2.10 0.00	41.41 2.12 0.00	40.65 2.12 0.00	40.76 2.23 0.00	41.77 2.21 -2.03	45.57 2.31 -4.70	50.55 2.38 -8.55	54.04 2.47 -9.73	52.86 3.13 -0.03	58.07 3.09 -0.73	58.41 2.94 0.00	58.52 2.94 0.00	56.31 2.32 0.00	49.13 2.12 0.00	41.26 2.04 0.00	35.92 2.13 0.00
CRICKET__VALLEY_CC3 323758	34.11 1.37 0.00	29.80 1.66 0.00	25.95 1.58 0.00	23.42 1.41 0.00	27.09 1.53 0.00	33.13 1.33 0.00	38.95 1.43 0.00	42.01 1.96 0.00	42.57 2.10 0.00	41.41 2.12 0.00	40.65 2.12 0.00	40.76 2.23 0.00	41.77 2.21 -2.03	45.57 2.31 -4.70	50.55 2.38 -8.55	54.04 2.47 -9.73	52.86 3.13 -0.03	58.07 3.09 -0.73	58.41 2.94 0.00	58.52 2.94 0.00	56.31 2.32 0.00	49.13 2.12 0.00	41.26 2.04 0.00	35.92 2.13 0.00
CRUCIBLE__METL_DRP 24180	32.54 -0.20 0.00	28.00 -0.14 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.38 -0.15 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.68 -0.33 0.00	38.98 -0.24 0.00	33.73 -0.07 0.00
DAHOWA__HYDRO 323763	34.04 1.31 0.00	29.61 1.46 0.00	25.76 1.39 0.00	23.27 1.25 0.00	27.01 1.46 0.00	33.25 1.46 0.00	39.07 1.54 0.00	41.89 1.84 0.00	42.09 1.62 0.00	40.62 1.34 0.00	39.61 1.08 0.00	39.61 1.08 0.00	38.42 1.01 0.12	39.50 1.23 0.29	40.37 1.27 0.52	42.80 1.55 0.59	51.94 2.24 0.00	56.29 2.06 0.03	57.85 2.38 0.00	58.36 2.78 0.00	56.64 2.64 0.00	49.17 2.16 0.00	41.06 1.84 0.00	35.62 1.82 0.00
DANC__LFGE 323619	32.54 -0.20 0.00	27.92 -0.23 0.00	24.17 -0.20 0.00	21.84 -0.18 0.00	25.25 -0.31 0.00	31.44 -0.35 0.00	37.19 -0.34 0.00	39.45 -0.60 0.00	39.82 -0.65 0.00	38.58 -0.71 0.00	37.91 -0.62 0.00	37.95 -0.58 0.00	36.89 -0.64 0.00	37.82 -0.73 0.00	38.99 -0.64 0.00	41.26 -0.59 0.00	48.96 -0.74 0.00	53.76 -0.49 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.99 0.00 0.00	46.82 -0.19 0.00	38.98 -0.23 0.00	33.69 -0.10 0.00
DANSKAMMER__1 23586	34.60 1.86 0.00	30.17 2.03 0.00	26.22 1.85 0.00	23.67 1.65 0.00	27.37 1.81 0.00	33.60 1.81 0.00	39.48 1.95 0.00	42.58 2.52 0.00	43.18 2.71 0.00	42.00 2.71 0.00	41.23 2.70 0.00	41.23 2.70 0.00	42.02 2.70 -1.79	45.51 2.81 -4.14	50.08 2.93 -7.53	53.55 3.14 -8.57	53.70 3.98 -0.02	58.97 4.07 -0.64	59.47 4.00 0.00	59.53 3.95 0.00	57.29 3.29 0.00	49.97 2.96 0.00	41.92 2.70 0.00	36.46 2.67 0.00
DANSKAMMER__2 23589	34.60 1.86 0.00	30.17 2.03 0.00	26.22 1.85 0.00	23.67 1.65 0.00	27.37 1.81 0.00	33.60 1.81 0.00	39.48 1.95 0.00	42.58 2.52 0.00	43.18 2.71 0.00	42.00 2.71 0.00	41.23 2.70 0.00	41.23 2.70 0.00	42.02 2.70 -1.79	45.51 2.81 -4.14	50.08 2.93 -7.53	53.55 3.14 -8.57	53.70 3.98 -0.02	58.97 4.07 -0.64	59.47 4.00 0.00	59.53 3.95 0.00	57.29 3.29 0.00	49.97 2.96 0.00	41.92 2.70 0.00	36.46 2.67 0.00
DANSKAMMER__3 23590	34.60 1.86 0.00	30.17 2.03 0.00	26.22 1.85 0.00	23.67 1.65 0.00	27.37 1.81 0.00	33.60 1.81 0.00	39.48 1.95 0.00	42.58 2.52 0.00	43.18 2.71 0.00	42.00 2.71 0.00	41.23 2.70 0.00	41.23 2.70 0.00	42.02 2.70 -1.79	45.51 2.81 -4.14	50.08 2.93 -7.53	53.55 3.14 -8.57	53.70 3.98 -0.02	58.97 4.07 -0.64	59.47 4.00 0.00	59.53 3.95 0.00	57.29 3.29 0.00	49.97 2.96 0.00	41.92 2.70 0.00	36.46 2.67 0.00

DANSKAMMER___4 23591	34.60 1.86 0.00	30.17 2.03 0.00	26.22 1.85 0.00	23.67 1.65 0.00	27.37 1.81 0.00	33.60 1.81 0.00	39.48 1.95 0.00	42.58 2.52 0.00	43.18 2.71 0.00	42.00 2.71 0.00	41.23 2.70 0.00	41.23 2.70 0.00	42.02 2.70 -1.79	45.51 2.81 -4.14	50.08 2.93 -7.53	53.55 3.14 -8.57	53.70 3.98 -0.02	58.97 4.07 -0.64	59.47 4.00 0.00	59.53 3.95 0.00	57.29 3.29 0.00	49.97 2.96 0.00	41.92 2.70 0.00	36.46 2.67 0.00
DANSKAMMER___DIESEL 23592	34.60 1.87 0.00	30.17 2.03 0.00	26.22 1.85 0.00	23.67 1.65 0.00	27.37 1.81 0.00	33.60 1.81 0.00	39.48 1.95 0.00	42.57 2.52 0.00	43.18 2.71 0.00	42.00 2.71 0.00	41.23 2.70 0.00	41.23 2.70 0.00	42.02 2.70 -1.79	45.51 2.81 -4.14	50.08 2.93 -7.53	53.55 3.14 -8.57	53.70 3.98 -0.02	58.96 4.07 -0.64	59.57 4.10 0.00	59.92 4.34 0.00	57.29 3.29 0.00	49.97 2.96 0.00	41.92 2.71 0.00	36.50 2.70 0.00
DARBY___SOLAR 323810	34.27 1.54 0.00	29.75 1.60 0.00	25.90 1.54 0.00	23.38 1.37 0.00	27.17 1.61 0.00	33.47 1.68 0.00	39.36 1.84 0.00	42.13 2.08 0.00	42.33 1.86 0.00	40.70 1.41 0.00	39.65 1.12 0.00	39.61 1.08 0.00	38.44 1.05 0.13	39.60 1.35 0.31	40.57 1.51 0.56	43.09 1.88 0.63	52.43 2.73 0.00	56.13 1.90 0.03	57.63 2.16 0.00	58.14 2.56 0.00	56.36 2.37 0.00	48.99 1.97 0.00	40.94 1.72 0.00	35.52 1.72 0.00
DASHVILLE___HYD 23610	34.57 1.83 0.00	30.14 2.00 0.00	26.19 1.83 0.00	23.67 1.65 0.00	27.35 1.79 0.00	33.54 1.75 0.00	39.44 1.91 0.00	42.53 2.48 0.00	43.14 2.67 0.00	41.96 2.67 0.00	41.15 2.62 0.00	41.19 2.66 0.00	41.74 2.81 -1.39	44.68 2.89 -3.23	48.50 3.01 -5.87	51.75 3.22 -6.68	53.70 3.98 -0.02	58.93 4.18 -0.50	59.52 4.05 0.00	59.86 4.28 0.00	57.12 3.13 0.00	49.93 2.91 0.00	41.88 2.67 0.00	36.50 2.70 0.00
DELAWARE___LFGE 323621	33.55 0.82 0.00	29.07 0.93 0.00	25.24 0.88 0.00	22.81 0.79 0.00	26.43 0.87 0.00	32.65 0.86 0.00	38.46 0.94 0.00	41.17 1.12 0.00	41.64 1.17 0.00	40.47 1.18 0.00	39.73 1.19 0.00	39.76 1.23 0.00	38.82 1.20 -0.09	40.01 1.23 -0.22	41.32 1.31 -0.40	43.67 1.38 -0.45	51.54 1.84 0.00	56.08 1.79 -0.04	57.36 1.89 0.00	57.69 2.11 0.00	55.61 1.62 0.00	48.42 1.41 0.00	40.51 1.29 0.00	35.15 1.35 0.00
DERFIELD_115KV_TB7 355931	32.77 0.03 0.00	28.29 0.14 0.00	24.51 0.15 0.00	22.15 0.13 0.00	25.69 0.13 0.00	31.85 0.06 0.00	37.53 0.00 0.00	40.09 0.04 0.00	40.47 0.00 0.00	39.29 0.00 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.53 0.00 0.00	38.56 0.00 0.00	39.66 0.04 0.00	41.88 0.04 0.00	49.80 0.10 0.00	54.36 0.11 0.00	55.64 0.17 0.00	55.80 0.22 0.00	54.05 0.05 0.00	47.06 0.05 0.00	39.34 0.12 0.00	34.00 0.20 0.00
DOGLEVILLE___HYD 23807	33.26 0.52 0.00	28.68 0.53 0.00	24.85 0.49 0.00	22.48 0.46 0.00	26.07 0.51 0.00	32.33 0.54 0.00	38.13 0.60 0.00	40.65 0.60 0.00	41.07 0.61 0.00	39.88 0.59 0.00	39.15 0.62 0.00	39.15 0.62 0.00	38.05 0.53 0.00	39.10 0.54 0.00	40.18 0.55 0.00	42.43 0.59 0.00	50.50 0.80 0.00	55.07 0.81 0.00	56.41 0.94 0.00	56.64 1.06 0.00	54.86 0.86 0.00	47.81 0.80 0.00	39.88 0.67 0.00	34.50 0.71 0.00
DUNKIRK___115KV_TB_200 55889	31.33 -1.41 0.00	26.62 -1.52 0.00	23.44 -0.93 0.00	21.27 -0.75 0.00	24.46 -1.10 0.00	30.71 -1.08 0.00	35.95 -1.58 0.00	38.05 -2.00 0.00	38.56 -1.90 0.00	37.56 -1.73 0.00	37.11 -1.43 0.00	36.80 -1.73 0.00	35.88 -1.65 0.00	36.67 -1.89 0.00	37.80 -1.82 0.00	39.79 -2.05 0.00	47.52 -2.14 0.05	51.70 -2.55 0.00	53.31 -2.16 0.00	54.02 -1.56 0.00	51.72 -2.27 0.00	44.85 -2.16 0.00	37.85 -1.37 0.00	32.95 -0.84 0.00
DUNKIRK___1 23563	31.33 -1.41 0.00	26.62 -1.52 0.00	23.44 -0.93 0.00	21.27 -0.75 0.00	24.46 -1.10 0.00	30.71 -1.08 0.00	35.95 -1.58 0.00	38.05 -2.00 0.00	38.56 -1.90 0.00	37.56 -1.73 0.00	37.11 -1.43 0.00	36.80 -1.73 0.00	35.88 -1.65 0.00	36.67 -1.89 0.00	37.80 -1.82 0.00	39.79 -2.05 0.00	47.52 -2.14 0.05	51.70 -2.55 0.00	53.31 -2.16 0.00	54.02 -1.56 0.00	51.72 -2.27 0.00	44.85 -2.16 0.00	37.85 -1.37 0.00	32.95 -0.84 0.00
DUNKIRK___2 23564	31.33 -1.41 0.00	26.62 -1.52 0.00	23.44 -0.93 0.00	21.27 -0.75 0.00	24.46 -1.10 0.00	30.71 -1.08 0.00	35.95 -1.58 0.00	38.05 -2.00 0.00	38.56 -1.90 0.00	37.56 -1.73 0.00	37.11 -1.43 0.00	36.80 -1.73 0.00	35.88 -1.65 0.00	36.67 -1.89 0.00	37.80 -1.82 0.00	39.79 -2.05 0.00	47.52 -2.14 0.05	51.70 -2.55 0.00	53.31 -2.16 0.00	54.02 -1.56 0.00	51.72 -2.27 0.00	44.85 -2.16 0.00	37.85 -1.37 0.00	32.95 -0.84 0.00
DUNKIRK___3 23565	31.23 -1.51 0.00	26.57 -1.58 0.00	23.37 -1.00 0.00	21.22 -0.79 0.00	24.41 -1.15 0.00	30.65 -1.14 0.00	35.87 -1.65 0.00	37.89 -2.16 0.00	38.40 -2.06 0.00	37.36 -1.93 0.00	36.91 -1.62 0.00	36.64 -1.89 0.00	35.76 -1.76 0.00	36.55 -2.00 0.00	37.64 -1.98 0.00	39.67 -2.18 0.00	47.37 -2.29 0.05	51.38 -2.88 0.00	52.97 -2.50 0.00	53.64 -1.95 0.00	51.35 -2.65 0.00	44.52 -2.49 0.00	37.61 -1.61 0.00	32.78 -1.01 0.00
DUNKIRK___4 23566	31.23 -1.51 0.00	26.57 -1.58 0.00	23.37 -1.00 0.00	21.22 -0.79 0.00	24.41 -1.15 0.00	30.65 -1.14 0.00	35.87 -1.65 0.00	37.89 -2.16 0.00	38.40 -2.06 0.00	37.36 -1.93 0.00	36.91 -1.62 0.00	36.64 -1.89 0.00	35.76 -1.76 0.00	36.55 -2.00 0.00	37.64 -1.98 0.00	39.67 -2.18 0.00	47.37 -2.29 0.05	51.38 -2.88 0.00	52.97 -2.50 0.00	53.64 -1.95 0.00	51.35 -2.65 0.00	44.52 -2.49 0.00	37.61 -1.61 0.00	32.78 -1.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.73 2.00 0.00	30.28 2.14 0.00	26.37 2.00 0.00	23.80 1.78 0.00	27.50 1.94 0.00	33.70 1.91 0.00	39.66 2.14 0.00	42.81 2.76 0.00	43.46 2.99 0.00	42.31 3.03 0.00	41.58 3.04 0.00	41.69 3.16 0.00	42.55 3.15 -1.87	46.13 3.24 -4.33	50.83 3.33 -7.88	54.28 3.47 -8.97	54.00 4.27 -0.02	59.26 4.34 -0.67	59.85 4.38 0.00	60.14 4.56 0.00	57.34 3.35 0.00	50.02 3.01 0.00	42.04 2.82 0.00	36.67 2.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.43 1.70 0.00	30.00 1.86 0.00	26.07 1.71 0.00	23.56 1.54 0.00	27.25 1.69 0.00	33.44 1.65 0.00	39.33 1.80 0.00	42.41 2.36 0.00	42.97 2.51 0.00	41.80 2.51 0.00	41.04 2.50 0.00	41.07 2.54 0.00	41.77 2.55 -1.69	45.10 2.62 -3.92	49.49 2.73 -7.13	52.89 2.93 -8.12	53.40 3.68 -0.02	58.60 3.74 -0.61	59.30 3.83 0.00	59.58 4.00 0.00	56.96 2.97 0.00	49.69 2.68 0.00	41.69 2.47 0.00	36.29 2.50 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.96 2.23 0.00	30.60 2.45 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.65 2.10 0.00	33.67 1.88 0.00	39.63 2.10 0.00	42.81 2.76 0.00	43.46 2.99 0.00	42.35 3.06 0.00	41.65 3.12 0.00	41.88 3.35 0.00	42.70 3.30 -1.87	46.32 3.43 -4.33	51.02 3.53 -7.88	54.49 3.68 -8.97	54.25 4.52 -0.02	59.43 4.50 -0.67	59.96 4.49 0.00	60.25 4.67 0.00	57.34 3.35 0.00	50.02 3.01 0.00	42.08 2.86 0.00	36.70 2.91 0.00

E179THST_13_KV_LOAD 356214	35.09 2.36 0.00	30.71 2.56 -0.01	26.66 2.29 0.00	24.04 2.03 0.00	27.73 2.17 0.00	33.79 2.00 0.00	39.78 2.25 0.00	42.97 2.92 0.00	43.62 3.16 0.00	42.55 3.26 0.00	41.84 3.31 0.00	42.08 3.54 0.00	42.89 3.49 -1.87	46.51 3.62 -4.33	51.22 3.72 -7.88	54.70 3.89 -8.97	54.55 4.82 -0.02	59.75 4.83 -0.67	60.24 4.77 0.00	60.53 4.95 0.00	57.61 3.62 0.00	50.25 3.24 0.00	42.28 3.06 0.00	36.87 3.08 0.00
EAST HAMPTON___GT 23717	48.34 4.62 -10.99	47.48 4.42 -14.92	46.18 3.92 -17.88	46.01 3.52 -20.47	46.23 3.96 -16.71	46.62 4.42 -10.41	47.73 5.14 -5.06	49.63 6.05 -3.53	48.71 6.27 -1.97	48.03 6.21 -2.54	62.19 6.20 -17.46	76.91 6.28 -32.09	46.93 6.00 -3.41	49.09 6.13 -4.40	53.82 6.30 -7.90	57.62 6.74 -9.04	57.64 7.90 -0.03	120.48 8.35 -57.87	62.96 7.49 0.00	62.75 7.17 0.00	60.09 6.10 0.00	52.75 5.73 -0.01	44.90 5.68 0.00	39.21 5.41 -0.01
EAST RIVER___6 23660	34.93 2.19 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.91 0.00	27.65 2.10 0.00	33.83 2.04 0.00	39.89 2.37 0.00	43.01 2.96 0.00	43.70 3.24 0.00	42.59 3.30 0.00	41.85 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.75 4.83 -0.67	60.07 4.60 0.00	60.08 4.50 0.00	57.71 3.72 0.00	50.35 3.34 0.00	42.36 3.14 0.00	36.94 3.14 0.00
EAST RIVER___7 23524	34.93 2.19 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.91 0.00	27.65 2.10 0.00	33.83 2.04 0.00	39.89 2.37 0.00	43.01 2.96 0.00	43.70 3.24 0.00	42.59 3.30 0.00	41.85 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.75 4.83 -0.67	60.07 4.60 0.00	60.08 4.50 0.00	57.71 3.72 0.00	50.35 3.34 0.00	42.36 3.14 0.00	36.94 3.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.63 1.90 0.00	30.23 2.08 0.00	26.29 1.93 0.00	23.73 1.72 0.00	27.45 1.89 0.00	33.60 1.81 0.00	39.59 2.06 0.00	42.73 2.68 0.00	43.34 2.87 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.57 3.04 0.00	42.43 3.04 -1.86	46.00 3.12 -4.32	50.68 3.21 -7.85	54.13 3.35 -8.94	53.85 4.13 -0.02	59.15 4.23 -0.67	59.69 4.22 0.00	59.97 4.39 0.00	57.18 3.19 0.00	49.88 2.87 0.00	41.92 2.71 0.00	36.57 2.77 0.00
EAST_HAMPTON___DIESEL 23722	48.37 4.65 -10.99	47.51 4.45 -14.92	46.20 3.95 -17.88	46.01 3.52 -20.47	46.23 3.96 -16.71	46.62 4.42 -10.41	47.73 5.14 -5.06	49.63 6.05 -3.53	48.75 6.31 -1.97	48.03 6.21 -2.54	62.23 6.24 -17.46	76.91 6.28 -32.09	46.98 6.04 -3.41	49.12 6.17 -4.40	53.86 6.34 -7.90	57.62 6.74 -9.04	57.64 7.90 -0.03	120.48 8.35 -57.87	62.96 7.49 0.00	62.80 7.22 0.00	60.09 6.10 0.00	52.75 5.73 -0.01	44.90 5.68 0.00	39.21 5.41 -0.01
EAST_POINT___SOLAR 323840	34.56 1.83 0.00	29.92 1.77 0.00	26.00 1.63 0.00	23.51 1.50 0.00	27.32 1.76 0.00	33.83 2.04 0.00	39.55 2.03 0.00	41.69 1.64 0.00	42.04 1.58 0.00	40.54 1.26 0.00	39.73 1.20 0.00	39.76 1.23 0.00	38.65 1.24 0.12	39.67 1.39 0.27	40.63 1.51 0.49	43.04 1.76 0.56	51.94 2.24 0.00	56.34 2.11 0.03	58.46 2.99 0.00	59.80 4.22 0.00	58.31 4.32 0.00	50.58 3.57 0.00	41.96 2.74 0.00	36.29 2.50 0.00
EAST_PULASKI___ESR 323781	32.34 -0.39 0.00	27.81 -0.34 0.00	24.12 -0.24 0.00	21.82 -0.20 0.00	25.23 -0.33 0.00	31.38 -0.41 0.00	37.04 -0.49 0.00	39.29 -0.76 0.00	39.69 -0.77 0.00	38.50 -0.79 0.00	37.84 -0.69 0.00	37.84 -0.69 0.00	36.85 -0.67 0.00	37.82 -0.73 0.00	38.91 -0.71 0.00	41.13 -0.71 0.00	48.76 -0.95 0.00	53.38 -0.87 0.00	54.69 -0.78 0.00	54.92 -0.66 0.00	53.40 -0.59 0.00	46.35 -0.66 0.00	38.75 -0.47 0.00	33.52 -0.27 0.00
EAST_RIVER___1 323558	34.89 2.16 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.91 0.00	27.65 2.10 0.00	33.86 2.07 0.00	39.89 2.37 0.00	43.06 3.01 0.00	43.74 3.28 0.00	42.62 3.34 0.00	41.85 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.75 4.83 -0.67	60.13 4.66 0.00	60.08 4.50 0.00	57.66 3.67 0.00	50.30 3.29 0.00	42.32 3.10 0.00	36.94 3.14 0.00
EAST_RIVER___2 323559	34.93 2.19 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.91 0.00	27.65 2.10 0.00	33.83 2.04 0.00	39.89 2.37 0.00	43.01 2.96 0.00	43.70 3.24 0.00	42.59 3.30 0.00	41.85 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.75 4.83 -0.67	60.07 4.60 0.00	60.08 4.50 0.00	57.71 3.72 0.00	50.35 3.34 0.00	42.36 3.14 0.00	36.94 3.14 0.00
EAST___DELAWARE_HYD 23607	34.86 2.13 0.00	30.34 2.20 0.00	26.34 1.97 0.00	23.80 1.78 0.00	27.53 1.97 0.00	33.86 2.07 0.00	39.74 2.21 0.00	42.81 2.76 0.00	43.38 2.92 0.00	42.19 2.91 0.00	41.38 2.85 0.00	41.34 2.81 0.00	41.60 2.66 -1.41	44.52 2.70 -3.26	48.33 2.77 -5.94	51.65 3.05 -6.76	53.60 3.88 -0.02	58.88 4.12 -0.51	59.57 4.10 0.00	59.69 4.11 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.00 2.78 0.00	36.53 2.74 0.00
EIGHT_POINT___WT_PWR 323820	32.01 -0.72 0.00	27.27 -0.87 0.00	23.88 -0.49 0.00	21.60 -0.42 0.00	24.92 -0.64 0.00	31.22 -0.57 0.00	36.74 -0.79 0.00	39.05 -1.00 0.00	39.45 -1.01 0.00	38.11 -1.18 0.00	37.57 -0.96 0.00	37.34 -1.19 0.00	36.29 -1.24 0.00	36.82 -1.73 0.00	37.88 -1.74 0.00	40.00 -1.84 0.00	47.93 -1.94 -0.17	52.41 -1.84 0.00	53.97 -1.50 0.00	54.86 -0.72 0.00	53.45 -0.54 0.00	46.50 -0.52 0.00	38.95 -0.27 0.00	33.73 -0.07 0.00
ELBRIDGE_115KV_TB2 80188	32.27 -0.46 0.00	27.75 -0.39 0.00	24.12 -0.24 0.00	21.82 -0.20 0.00	25.28 -0.28 0.00	31.44 -0.35 0.00	37.08 -0.45 0.00	39.33 -0.72 0.00	39.82 -0.65 0.00	38.62 -0.67 0.00	37.91 -0.62 0.00	37.91 -0.62 0.00	36.93 -0.60 0.00	37.94 -0.62 0.00	38.99 -0.63 0.00	41.17 -0.67 0.00	48.81 -0.89 0.00	53.39 -0.87 0.00	54.69 -0.78 0.00	54.97 -0.61 0.00	53.13 -0.86 0.00	46.21 -0.80 0.00	38.63 -0.59 0.00	33.42 -0.37 0.00
ELEC_TRO_TEK 24086	46.23 2.52 -10.98	45.68 2.62 -14.92	42.35 2.39 -15.60	42.00 2.14 -17.85	42.48 2.35 -14.57	43.29 2.42 -9.08	44.68 2.74 -4.42	46.63 3.40 -3.17	45.83 3.60 -1.76	45.27 3.65 -2.32	44.97 3.66 -2.78	46.58 3.78 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.51 4.00 -7.89	55.05 4.23 -8.98	54.80 5.07 -0.02	60.08 5.15 -0.67	60.18 4.71 0.00	60.36 4.78 0.00	57.29 3.29 0.00	50.25 3.24 0.00	42.71 3.49 0.00	37.28 3.48 -0.01
ELLENBURG_WT_PWR 323604	32.93 0.20 0.00	27.98 -0.17 0.00	24.05 -0.32 0.00	21.66 -0.35 0.00	25.23 -0.33 0.00	31.76 -0.03 0.00	37.79 0.26 0.00	40.29 0.24 0.00	40.75 0.29 0.00	39.52 0.24 0.00	38.84 0.31 0.00	38.76 0.23 0.00	37.72 0.19 0.00	38.75 0.19 0.00	39.74 0.12 0.00	42.17 0.33 0.00	49.65 -0.05 0.00	54.42 0.16 0.00	55.75 0.28 0.00	55.75 0.17 0.00	54.32 0.33 0.00	47.25 0.24 0.00	39.14 -0.08 0.00	33.29 -0.51 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.90 -1.83 0.00	26.26 -1.89 0.00	23.15 -1.22 0.00	21.00 -1.01 0.00	24.18 -1.38 0.00	30.36 -1.43 0.00	35.46 -2.06 0.00	37.29 -2.76 0.00	37.79 -2.67 0.00	36.77 -2.51 0.00	36.33 -2.20 0.00	36.10 -2.43 0.00	35.27 -2.25 0.00	36.09 -2.47 0.00	37.16 -2.46 0.00	39.08 -2.76 0.00	46.27 -3.38 0.05	50.40 -3.85 0.00	51.81 -3.66 0.00	52.41 -3.17 0.00	50.27 -3.73 0.00	43.63 -3.38 0.00	36.86 -2.35 0.00	32.27 -1.52 0.00
EMPIRE_CC_1 323656	33.25 0.52 0.00	29.04 0.90 0.00	25.32 0.95 0.00	22.87 0.86 0.00	26.48 0.92 0.00	32.36 0.57 0.00	37.98 0.45 0.00	40.73 0.68 0.00	40.87 0.40 0.00	39.68 0.39 0.00	38.69 0.15 0.00	38.69 0.15 0.00	37.72 0.11 -0.08	38.89 0.15 -0.18	40.03 0.08 -0.33	42.21 0.00 -0.37	50.20 0.50 0.00	54.35 0.05 -0.04	55.58 0.11 0.00	56.08 0.50 0.00	54.42 0.43 0.00	47.43 0.42 0.00	39.84 0.63 0.00	34.67 0.88 0.00
EMPIRE_CC_2 323658	33.25 0.52 0.00	29.04 0.90 0.00	25.32 0.95 0.00	22.87 0.86 0.00	26.48 0.92 0.00	32.36 0.57 0.00	37.98 0.45 0.00	40.73 0.68 0.00	40.87 0.40 0.00	39.68 0.39 0.00	38.69 0.15 0.00	38.69 0.15 0.00	37.72 0.11 -0.08	38.89 0.15 -0.18	40.03 0.08 -0.33	42.21 0.00 -0.37	50.20 0.50 0.00	54.35 0.05 -0.04	55.58 0.11 0.00	56.08 0.50 0.00	54.42 0.43 0.00	47.43 0.42 0.00	39.84 0.63 0.00	34.67 0.88 0.00
ENORWICH_115KV_TB1 80156	34.57 1.83 0.00	29.81 1.66 0.00	25.83 1.46 0.00	23.36 1.34 0.00	27.09 1.53 0.00	33.73 1.94 0.00	39.85 2.33 0.00	42.41 2.36 0.00	42.77 2.31 0.00	41.29 2.00 0.00	40.69 2.16 0.00	40.73 2.20 0.00	39.55 1.95 -0.07	40.76 2.04 -0.16	42.25 2.34 -0.29	44.77 2.59 -0.33	53.49 3.78 -0.01	58.51 4.23 -0.03	60.35 4.88 0.00	60.97 5.39 0.00	58.74 4.75 0.00	50.91 3.90 0.00	42.20 2.98 0.00	36.60 2.80 0.00
ERIE_ST__34_KV_TB1-2 80199	31.13 -1.60 0.00	26.48 -1.66 0.00	23.32 -1.05 0.00	21.16 -0.86 0.00	24.36 -1.20 0.00	30.55 -1.24 0.00	35.72 -1.80 0.00	37.73 -2.32 0.00	38.24 -2.23 0.00	37.20 -2.08 0.00	36.80 -1.73 0.00	36.57 -1.97 0.00	35.69 -1.84 0.00	36.47 -2.08 0.00	37.60 -2.02 0.00	39.58 -2.26 0.00	47.92 -1.74 0.05	51.11 -3.15 0.00	52.59 -2.88 0.00	53.25 -2.33 0.00	50.97 -3.02 0.00	44.24 -2.77 0.00	37.37 -1.84 0.00	32.61 -1.18 0.00
ERIE_WT_PWR 323693	31.06 -1.67 0.00	26.40 -1.75 0.00	23.27 -1.10 0.00	21.11 -0.90 0.00	24.33 -1.23 0.00	30.46 -1.33 0.00	35.61 -1.91 0.00	37.53 -2.52 0.00	38.00 -2.47 0.00	36.97 -2.32 0.00	36.53 -2.01 0.00	36.30 -2.24 0.00	35.43 -2.10 0.00	36.13 -2.43 0.00	37.36 -2.26 0.00	39.25 -2.59 0.00	46.47 -3.18 0.05	50.67 -3.58 0.00	51.48 -3.99 0.00	51.91 -3.67 0.00	50.59 -3.40 0.00	43.96 -3.05 0.00	37.14 -2.08 0.00	32.41 -1.39 0.00
ESPRGFLD_115KV_TB1 80157	33.94 1.21 0.00	29.30 1.15 0.00	25.44 1.07 0.00	22.98 0.97 0.00	26.68 1.12 0.00	33.09 1.30 0.00	38.99 1.46 0.00	41.53 1.48 0.00	41.96 1.50 0.00	40.62 1.34 0.00	39.92 1.39 0.00	39.99 1.46 0.00	38.91 1.39 0.00	40.02 1.47 0.00	41.21 1.58 0.00	43.64 1.80 0.00	52.09 2.39 0.00	56.70 2.44 0.00	58.30 2.83 0.00	58.92 3.33 0.00	56.91 2.92 0.00	49.41 2.40 0.00	41.10 1.88 0.00	35.59 1.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.19 0.46 0.00	28.57 0.42 0.00	24.83 0.46 0.00	22.43 0.42 0.00	25.99 0.43 0.00	32.36 0.57 0.00	38.16 0.64 0.00	40.65 0.60 0.00	41.03 0.57 0.00	39.72 0.43 0.00	38.99 0.46 0.00	38.99 0.46 0.00	37.98 0.45 0.00	38.94 0.39 0.00	40.14 0.52 0.00	42.39 0.54 0.00	50.56 0.84 -0.02	55.25 0.98 -0.02	56.75 1.28 0.00	57.19 1.61 0.00	55.18 1.19 0.00	47.95 0.94 0.00	40.00 0.78 0.00	34.64 0.84 0.00
ETNA____115KV_TB2 80207	33.19 0.46 0.00	28.57 0.42 0.00	24.83 0.46 0.00	22.43 0.42 0.00	25.99 0.43 0.00	32.36 0.57 0.00	38.16 0.64 0.00	40.65 0.60 0.00	41.03 0.57 0.00	39.72 0.43 0.00	38.99 0.46 0.00	38.99 0.46 0.00	37.98 0.45 0.00	38.94 0.39 0.00	40.14 0.52 0.00	42.39 0.54 0.00	50.56 0.84 -0.02	55.25 0.98 -0.02	56.75 1.28 0.00	57.19 1.61 0.00	55.18 1.19 0.00	47.95 0.94 0.00	40.00 0.78 0.00	34.64 0.84 0.00
EUCLID___115KV_TB2 356179	32.37 -0.36 0.00	27.86 -0.28 0.00	24.22 -0.15 0.00	21.88 -0.13 0.00	25.35 -0.20 0.00	31.54 -0.25 0.00	37.15 -0.38 0.00	39.45 -0.60 0.00	39.94 -0.53 0.00	38.78 -0.51 0.00	38.07 -0.46 0.00	38.07 -0.46 0.00	37.11 -0.41 0.00	38.09 -0.46 0.00	39.15 -0.48 0.00	41.34 -0.50 0.00	49.11 -0.60 0.00	53.66 -0.60 0.00	54.92 -0.55 0.00	55.19 -0.39 0.00	53.34 -0.65 0.00	46.35 -0.66 0.00	38.79 -0.43 0.00	33.59 -0.20 0.00
E_CANADA_CAP_HY 24051	34.11 1.37 0.00	29.52 1.38 0.00	25.66 1.29 0.00	23.18 1.17 0.00	26.91 1.35 0.00	33.32 1.53 0.00	39.14 1.61 0.00	41.61 1.56 0.00	41.92 1.45 0.00	40.46 1.18 0.00	39.65 1.12 0.00	39.69 1.15 0.00	38.55 1.12 0.10	39.60 1.27 0.23	40.59 1.39 0.42	43.04 1.68 0.48	51.99 2.29 0.00	56.51 2.28 0.02	58.30 2.83 0.00	59.03 3.45 0.00	57.34 3.35 0.00	49.74 2.73 0.00	41.33 2.12 0.00	35.75 1.96 0.00
E_CANADA_MHWK_HY 24050	33.25 0.52 0.00	28.68 0.53 0.00	24.85 0.49 0.00	22.48 0.46 0.00	26.04 0.48 0.00	32.33 0.54 0.00	38.12 0.60 0.00	40.65 0.60 0.00	41.07 0.61 0.00	39.88 0.59 0.00	39.15 0.61 0.00	39.15 0.61 0.00	38.05 0.53 0.00	39.10 0.54 0.00	40.18 0.55 0.00	42.43 0.59 0.00	50.50 0.79 0.00	55.12 0.87 0.00	56.35 0.88 0.00	56.52 0.94 0.00	54.91 0.92 0.00	47.81 0.80 0.00	39.88 0.67 0.00	34.50 0.71 0.00
E_FISHKILL___LBMP 23776	34.34 1.60 0.00	29.95 1.80 0.00	26.05 1.68 0.00	23.53 1.52 0.00	27.22 1.66 0.00	33.35 1.56 0.00	39.21 1.69 0.00	42.29 2.24 0.00	42.85 2.39 0.00	41.72 2.44 0.00	40.96 2.43 0.00	41.07 2.54 0.00	41.97 2.51 -1.93	45.62 2.58 -4.48	50.41 2.65 -8.14	53.91 2.80 -9.27	53.21 3.48 -0.03	58.47 3.53 -0.69	58.96 3.49 0.00	59.30 3.72 0.00	56.64 2.65 0.00	49.41 2.40 0.00	41.53 2.31 0.00	36.19 2.40 0.00
FALCON___SEABRD_CC1 323796	33.29 0.56 0.00	28.26 0.11 0.00	24.29 -0.07 0.00	21.88 -0.13 0.00	25.43 -0.13 0.00	32.04 0.25 0.00	38.16 0.64 0.00	40.69 0.64 0.00	41.15 0.69 0.00	39.91 0.63 0.00	39.23 0.69 0.00	39.15 0.61 0.00	38.09 0.56 0.00	39.14 0.58 0.00	40.10 0.48 0.00	42.60 0.75 0.00	50.10 0.40 0.00	55.01 0.76 0.00	56.35 0.88 0.00	56.36 0.78 0.00	54.85 0.86 0.00	47.76 0.75 0.00	39.53 0.31 0.00	33.63 -0.17 0.00
FALCON___SEABRD_CC2 323797	33.29 0.56 0.00	28.26 0.11 0.00	24.29 -0.07 0.00	21.88 -0.13 0.00	25.43 -0.13 0.00	32.04 0.25 0.00	38.16 0.64 0.00	40.69 0.64 0.00	41.15 0.69 0.00	39.91 0.63 0.00	39.23 0.69 0.00	39.15 0.61 0.00	38.09 0.56 0.00	39.14 0.58 0.00	40.10 0.48 0.00	42.60 0.75 0.00	50.10 0.40 0.00	55.01 0.76 0.00	56.35 0.88 0.00	56.36 0.78 0.00	54.85 0.86 0.00	47.76 0.75 0.00	39.53 0.31 0.00	33.63 -0.17 0.00

FAR ROCKAWAY___4 23548	46.82 3.11 -10.98	46.16 3.10 -14.92	43.20 2.78 -16.05	42.88 2.49 -18.37	43.31 2.76 -14.99	44.06 2.92 -9.35	45.41 3.34 -4.54	47.44 4.17 -3.23	46.63 4.37 -1.79	46.01 4.36 -2.36	45.87 4.51 -2.83	47.43 4.62 -4.28	45.54 4.62 -3.40	47.72 4.82 -4.34	52.50 4.99 -7.89	56.09 5.27 -8.98	56.04 6.31 -0.02	61.49 6.56 -0.67	61.63 6.16 0.00	61.81 6.23 0.00	58.63 4.64 0.00	51.43 4.42 0.00	43.65 4.43 0.00	38.03 4.22 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.93 2.19 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.92 0.00	27.65 2.10 0.00	33.83 2.03 0.00	39.89 2.36 0.00	43.05 3.00 0.00	43.74 3.28 0.00	42.63 3.34 0.00	41.88 3.35 0.00	42.08 3.54 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.75 4.83 -0.67	60.24 4.77 0.00	60.47 4.89 0.00	57.61 3.62 0.00	50.30 3.29 0.00	42.32 3.10 0.00	36.94 3.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.93 2.19 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.92 0.00	27.65 2.10 0.00	33.83 2.03 0.00	39.89 2.36 0.00	43.05 3.00 0.00	43.74 3.28 0.00	42.63 3.34 0.00	41.88 3.35 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.70 4.77 -0.67	60.24 4.77 0.00	60.47 4.89 0.00	57.61 3.62 0.00	50.30 3.29 0.00	42.32 3.10 0.00	36.94 3.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.89 2.16 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.92 0.00	27.63 2.07 0.00	33.83 2.03 0.00	39.89 2.36 0.00	43.05 3.00 0.00	43.74 3.28 0.00	42.63 3.34 0.00	41.84 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.70 4.77 -0.67	60.18 4.71 0.00	60.47 4.89 0.00	57.56 3.56 0.00	50.30 3.29 0.00	42.32 3.10 0.00	36.94 3.14 0.00
FARRAGUT___LBMP 323566	34.89 2.16 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.63 2.07 0.00	33.79 2.00 0.00	39.85 2.33 0.00	43.01 2.96 0.00	43.70 3.24 0.00	42.55 3.26 0.00	41.81 3.28 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.43 3.55 -4.33	51.10 3.61 -7.88	54.57 3.77 -8.97	54.35 4.62 -0.02	59.64 4.72 -0.67	60.13 4.66 0.00	60.42 4.84 0.00	57.50 3.51 0.00	50.25 3.24 0.00	42.28 3.06 0.00	36.90 3.11 0.00
FENNER___WINDPWR 24204	33.22 0.49 0.00	28.59 0.45 0.00	24.81 0.44 0.00	22.41 0.40 0.00	25.97 0.41 0.00	32.30 0.51 0.00	38.12 0.60 0.00	40.61 0.56 0.00	41.03 0.57 0.00	39.76 0.47 0.00	39.07 0.54 0.00	39.07 0.54 0.00	38.01 0.49 0.00	39.02 0.46 0.00	40.22 0.60 0.00	42.47 0.63 0.00	50.60 0.90 0.00	55.28 1.03 0.00	56.58 1.11 0.00	56.80 1.22 0.00	55.13 1.14 0.00	47.90 0.89 0.00	39.92 0.71 0.00	34.54 0.74 0.00
FIBERTEK___ENERGY 23856	32.54 -0.20 0.00	28.00 -0.14 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.38 -0.15 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.68 -0.33 0.00	38.98 -0.24 0.00	33.73 -0.07 0.00
FITZPATRICK___ 23598	31.78 -0.95 0.00	27.36 -0.79 0.00	23.76 -0.61 0.00	21.49 -0.53 0.00	24.89 -0.66 0.00	30.93 -0.86 0.00	36.48 -1.05 0.00	38.69 -1.36 0.00	39.09 -1.38 0.00	37.95 -1.34 0.00	37.22 -1.31 0.00	37.22 -1.31 0.00	36.29 -1.24 0.00	37.24 -1.31 0.00	38.31 -1.31 0.00	40.42 -1.42 0.00	47.92 -1.79 0.00	52.41 -1.84 0.00	53.58 -1.89 0.00	53.69 -1.89 0.00	52.16 -1.84 0.00	45.41 -1.60 0.00	37.96 -1.26 0.00	32.85 -0.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.63 1.90 0.00	30.20 2.05 0.00	26.24 1.88 0.00	23.71 1.70 0.00	27.42 1.87 0.00	33.64 1.84 0.00	39.51 1.99 0.00	42.61 2.56 0.00	43.22 2.75 0.00	42.08 2.79 0.00	41.27 2.74 0.00	41.31 2.77 0.00	42.11 2.78 -1.81	45.60 2.85 -4.19	50.21 2.97 -7.62	53.73 3.22 -8.67	53.75 4.03 -0.02	59.03 4.12 -0.65	59.69 4.22 0.00	60.03 4.45 0.00	57.34 3.35 0.00	50.07 3.06 0.00	41.96 2.75 0.00	36.53 2.74 0.00
FORT ORANGE___ 23900	33.25 0.52 0.00	29.10 0.96 0.00	25.32 0.95 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.43 0.64 0.00	38.01 0.49 0.00	40.77 0.72 0.00	40.99 0.52 0.00	39.72 0.43 0.00	38.76 0.23 0.00	38.80 0.27 0.00	37.75 0.30 0.07	38.78 0.39 0.16	39.72 0.40 0.30	41.88 0.38 0.34	50.45 0.75 0.00	54.80 0.54 0.00	56.08 0.61 0.00	56.47 0.89 0.00	54.75 0.76 0.00	47.67 0.66 0.00	39.96 0.74 0.00	34.74 0.94 0.00
FORT_DRUM_COGEN 23780	32.73 0.00 0.00	28.03 -0.11 0.00	24.20 -0.17 0.00	21.84 -0.18 0.00	25.33 -0.23 0.00	31.57 -0.22 0.00	37.41 -0.11 0.00	39.73 -0.32 0.00	40.02 -0.45 0.00	38.62 -0.67 0.00	37.99 -0.54 0.00	38.07 -0.46 0.00	36.93 -0.60 0.00	37.86 -0.69 0.00	39.03 -0.59 0.00	41.34 -0.50 0.00	49.21 -0.50 0.00	54.20 -0.05 0.00	55.97 0.50 0.00	56.36 0.78 0.00	54.80 0.81 0.00	47.39 0.38 0.00	39.26 0.04 0.00	33.86 0.07 0.00
FOX_HILLS___ESR 323835	35.05 2.29 -0.02	30.74 2.59 -0.01	26.76 2.39 -0.01	24.18 2.16 -0.01	27.89 2.33 -0.01	34.06 2.26 -0.01	39.99 2.44 -0.02	43.12 3.04 -0.02	43.61 3.12 -0.03	42.49 3.14 -0.06	41.79 3.20 -0.06	53.42 3.43 -11.46	52.95 3.41 -12.01	51.48 3.51 -9.41	52.54 3.61 -9.32	54.88 4.06 -8.98	54.57 4.82 -0.05	59.78 4.83 -0.69	60.32 4.83 -0.02	60.72 5.11 -0.02	57.89 3.89 -0.01	50.61 3.15 -0.45	53.23 2.98 -11.03	36.86 3.01 -0.06
FPL_FAR_ROCK_GT1 24212	46.82 3.11 -10.98	46.16 3.10 -14.92	43.19 2.78 -16.05	42.88 2.49 -18.37	43.31 2.76 -14.99	44.06 2.92 -9.35	45.45 3.38 -4.54	47.44 4.17 -3.23	46.63 4.37 -1.79	46.01 4.36 -2.36	45.87 4.51 -2.83	47.43 4.62 -4.28	45.54 4.61 -3.40	47.72 4.82 -4.34	52.50 4.99 -7.89	56.09 5.27 -8.98	56.04 6.31 -0.02	61.49 6.56 -0.67	61.52 6.05 0.00	61.36 5.78 0.00	58.69 4.69 0.00	51.43 4.42 0.00	43.65 4.43 0.00	38.03 4.22 -0.01
FPL_FAR_ROCK_GT2 23815	46.82 3.11 -10.98	46.16 3.10 -14.92	43.19 2.78 -16.05	42.88 2.49 -18.37	43.31 2.76 -14.99	44.06 2.92 -9.35	45.45 3.38 -4.54	47.44 4.17 -3.23	46.63 4.37 -1.79	46.01 4.36 -2.36	45.87 4.51 -2.83	47.43 4.62 -4.28	45.54 4.61 -3.40	47.72 4.82 -4.34	52.50 4.99 -7.89	56.09 5.27 -8.98	56.04 6.31 -0.02	61.49 6.56 -0.67	61.52 6.05 0.00	61.36 5.78 0.00	58.69 4.69 0.00	51.43 4.42 0.00	43.65 4.43 0.00	38.03 4.22 -0.01
FRANKLIN_FALL_HYD 24054	32.99 0.26 0.00	27.95 -0.20 0.00	24.00 -0.37 0.00	21.62 -0.40 0.00	25.12 -0.43 0.00	31.70 -0.10 0.00	37.86 0.34 0.00	40.37 0.32 0.00	40.79 0.32 0.00	39.56 0.28 0.00	38.92 0.39 0.00	38.80 0.27 0.00	37.75 0.23 0.00	38.79 0.23 0.00	39.70 0.08 0.00	42.18 0.33 0.00	49.65 -0.05 0.00	54.58 0.33 0.00	55.69 0.22 0.00	55.58 0.00 0.00	54.53 0.54 0.00	47.43 0.42 0.00	39.18 -0.04 0.00	33.19 -0.61 0.00

FREEPORT_EQUUS_GT1 23764	46.46 2.75 -10.98	45.85 2.79 -14.92	43.73 2.53 -16.82	43.56 2.29 -19.26	43.81 2.53 -15.72	44.23 2.64 -9.80	45.29 3.00 -4.76	47.05 3.68 -3.32	46.20 3.89 -1.85	45.65 3.93 -2.43	45.37 3.93 -2.91	46.85 4.04 -4.28	44.94 4.02 -3.40	47.02 4.13 -4.34	51.75 4.24 -7.89	55.30 4.48 -8.98	55.10 5.37 -0.02	60.46 5.54 -0.67	60.41 4.94 0.00	60.30 4.72 0.00	57.71 3.72 0.00	50.58 3.57 0.00	43.06 3.85 0.00	37.62 3.82 -0.01
FREEPORT___CT2 23818	46.46 2.75 -10.98	45.85 2.79 -14.92	43.73 2.53 -16.82	43.56 2.29 -19.26	43.81 2.53 -15.72	44.23 2.64 -9.80	45.29 3.00 -4.76	47.05 3.68 -3.32	46.20 3.89 -1.85	45.65 3.93 -2.43	45.37 3.93 -2.91	46.85 4.04 -4.28	44.94 4.02 -3.40	47.02 4.13 -4.34	51.75 4.24 -7.89	55.30 4.48 -8.98	55.10 5.37 -0.02	60.46 5.54 -0.67	60.41 4.94 0.00	60.30 4.72 0.00	57.71 3.72 0.00	50.58 3.57 0.00	43.06 3.85 0.00	37.62 3.82 -0.01
FRESHKLS_33_KV_LOAD 356253	35.05 2.29 -0.02	30.83 2.67 -0.01	26.86 2.49 -0.01	24.27 2.25 -0.01	27.97 2.40 -0.01	34.18 2.38 -0.01	40.06 2.51 -0.02	43.12 3.04 -0.02	43.53 3.03 -0.03	42.36 3.03 -0.05	41.66 3.08 -0.05	49.29 3.31 -7.45	49.29 3.30 -8.46	49.59 3.39 -7.64	51.97 3.53 -8.82	54.88 4.06 -8.98	54.52 4.77 -0.05	59.72 4.77 -0.69	60.26 4.77 -0.02	60.77 5.17 -0.02	57.99 4.00 -0.01	50.37 3.06 -0.30	49.29 2.90 -7.17	36.74 2.91 -0.04
FULTON COGEN____ 23766	32.11 -0.62 0.00	27.64 -0.51 0.00	24.00 -0.37 0.00	21.71 -0.31 0.00	25.15 -0.41 0.00	31.28 -0.51 0.00	36.85 -0.68 0.00	39.09 -0.96 0.00	39.57 -0.89 0.00	38.42 -0.86 0.00	37.68 -0.85 0.00	37.68 -0.85 0.00	36.74 -0.79 0.00	37.75 -0.81 0.00	38.79 -0.83 0.00	40.96 -0.88 0.00	48.61 -1.09 0.00	53.17 -1.09 0.00	54.42 -1.05 0.00	54.69 -0.89 0.00	52.91 -1.08 0.00	45.98 -1.03 0.00	38.43 -0.78 0.00	33.29 -0.51 0.00
FULTON___LFGE 323630	34.34 1.60 0.00	29.75 1.60 0.00	25.85 1.49 0.00	23.36 1.34 0.00	27.14 1.59 0.00	33.57 1.78 0.00	39.40 1.88 0.00	42.01 1.96 0.00	42.29 1.82 0.00	40.74 1.45 0.00	39.92 1.39 0.00	39.96 1.43 0.00	38.79 1.39 0.12	39.82 1.54 0.28	40.81 1.70 0.51	43.27 2.01 0.58	52.38 2.68 0.00	56.94 2.71 0.03	58.69 3.22 0.00	59.36 3.78 0.00	57.66 3.67 0.00	50.02 3.01 0.00	41.61 2.39 0.00	35.99 2.20 0.00
G.F.CEMENT___DRP 24184	34.27 1.54 0.00	29.75 1.60 0.00	25.90 1.54 0.00	23.38 1.36 0.00	27.17 1.61 0.00	33.48 1.68 0.00	39.36 1.84 0.00	42.21 2.16 0.00	42.45 1.98 0.00	40.86 1.57 0.00	39.92 1.39 0.00	39.92 1.39 0.00	38.71 1.31 0.13	39.83 1.58 0.31	40.85 1.78 0.56	43.34 2.13 0.63	52.53 2.83 0.00	56.83 2.60 0.03	58.52 3.05 0.00	59.08 3.50 0.00	57.07 3.08 0.00	49.55 2.54 0.00	41.30 2.08 0.00	35.82 2.03 0.00
GARDENVILLE___LBMP 24039	30.97 -1.77 0.00	26.34 -1.80 0.00	23.20 -1.17 0.00	21.07 -0.95 0.00	24.23 -1.33 0.00	30.42 -1.37 0.00	35.54 -1.99 0.00	37.45 -2.60 0.00	37.96 -2.51 0.00	36.89 -2.40 0.00	36.45 -2.08 0.00	36.22 -2.31 0.00	35.35 -2.18 0.00	36.17 -2.39 0.00	37.24 -2.38 0.00	39.16 -2.68 0.00	46.61 -3.03 0.06	50.62 -3.64 0.00	52.09 -3.38 0.00	52.69 -2.89 0.00	50.48 -3.51 0.00	43.86 -3.15 0.00	37.06 -2.16 0.00	32.41 -1.39 0.00
GARDNVLA_35_KV_LD 355827	31.10 -1.64 0.00	26.43 -1.72 0.00	23.30 -1.07 0.00	21.13 -0.88 0.00	24.33 -1.23 0.00	30.55 -1.24 0.00	35.65 -1.88 0.00	37.57 -2.48 0.00	38.08 -2.39 0.00	37.01 -2.28 0.00	36.60 -1.93 0.00	36.37 -2.16 0.00	35.50 -2.03 0.00	36.32 -2.24 0.00	37.40 -2.22 0.00	39.33 -2.51 0.00	46.82 -2.83 0.05	50.78 -3.47 0.00	52.25 -3.22 0.00	52.86 -2.72 0.00	50.64 -3.35 0.00	44.00 -3.01 0.00	37.18 -2.04 0.00	32.51 -1.28 0.00
GELCKHM___115KV_LOAD 80723	32.44 -0.29 0.00	27.92 -0.23 0.00	24.25 -0.12 0.00	21.93 -0.09 0.00	25.41 -0.15 0.00	31.60 -0.19 0.00	37.23 -0.30 0.00	39.53 -0.52 0.00	40.02 -0.45 0.00	38.85 -0.43 0.00	38.15 -0.39 0.00	38.15 -0.39 0.00	37.19 -0.34 0.00	38.17 -0.39 0.00	39.26 -0.36 0.00	41.46 -0.38 0.00	49.21 -0.50 0.00	53.77 -0.49 0.00	55.03 -0.44 0.00	55.30 -0.28 0.00	53.45 -0.54 0.00	46.49 -0.52 0.00	38.86 -0.35 0.00	33.63 -0.17 0.00
GENERAL___MILLS 23808	31.03 -1.70 0.00	26.40 -1.74 0.00	23.27 -1.10 0.00	21.11 -0.90 0.00	24.28 -1.28 0.00	30.49 -1.30 0.00	35.61 -1.91 0.00	37.49 -2.56 0.00	38.00 -2.47 0.00	36.97 -2.32 0.00	36.53 -2.00 0.00	36.30 -2.23 0.00	35.43 -2.10 0.00	36.24 -2.31 0.00	37.32 -2.30 0.00	39.25 -2.59 0.00	46.77 -2.88 0.05	50.67 -3.58 0.00	52.14 -3.33 0.00	52.75 -2.83 0.00	50.59 -3.40 0.00	43.91 -3.10 0.00	37.14 -2.08 0.00	32.48 -1.32 0.00
GE_PLASTICS___DRP 24183	33.22 0.49 0.00	28.99 0.84 0.00	25.20 0.83 0.00	22.79 0.77 0.00	26.38 0.82 0.00	32.33 0.54 0.00	37.98 0.45 0.00	40.73 0.68 0.00	40.99 0.53 0.00	39.80 0.51 0.00	38.92 0.39 0.00	38.92 0.39 0.00	37.81 0.41 0.13	38.71 0.46 0.31	39.54 0.48 0.56	41.66 0.46 0.64	50.40 0.70 0.00	54.76 0.54 0.03	56.08 0.61 0.00	56.47 0.89 0.00	54.53 0.54 0.00	47.58 0.56 0.00	39.88 0.67 0.00	34.64 0.84 0.00
GILBOA___1 23756	33.35 0.62 0.00	28.99 0.84 0.00	25.20 0.83 0.00	22.76 0.75 0.00	26.35 0.79 0.00	32.46 0.67 0.00	38.16 0.64 0.00	40.93 0.88 0.00	41.32 0.85 0.00	40.11 0.83 0.00	39.34 0.81 0.00	39.34 0.81 0.00	38.00 0.82 0.35	38.60 0.85 0.81	39.03 0.87 1.46	41.09 0.92 1.67	50.99 1.29 0.00	55.17 1.03 0.11	56.30 0.83 0.00	56.52 0.94 0.00	54.85 0.86 0.00	47.86 0.85 0.00	40.12 0.90 0.00	34.84 1.05 0.00
GILBOA___2 23757	33.35 0.62 0.00	28.99 0.84 0.00	25.20 0.83 0.00	22.76 0.75 0.00	26.35 0.79 0.00	32.46 0.67 0.00	38.16 0.64 0.00	40.93 0.88 0.00	41.32 0.85 0.00	40.11 0.83 0.00	39.34 0.81 0.00	39.34 0.81 0.00	38.00 0.82 0.35	38.60 0.85 0.81	39.03 0.87 1.46	41.09 0.92 1.67	50.99 1.29 0.00	55.17 1.03 0.11	56.30 0.83 0.00	56.52 0.94 0.00	54.85 0.86 0.00	47.86 0.85 0.00	40.12 0.90 0.00	34.84 1.05 0.00
GILBOA___3 23758	33.35 0.62 0.00	28.99 0.84 0.00	25.20 0.83 0.00	22.76 0.75 0.00	26.35 0.79 0.00	32.46 0.67 0.00	38.16 0.64 0.00	40.93 0.88 0.00	41.32 0.85 0.00	40.11 0.83 0.00	39.34 0.81 0.00	39.34 0.81 0.00	38.00 0.82 0.35	38.60 0.85 0.81	39.03 0.87 1.46	41.09 0.92 1.67	50.99 1.29 0.00	55.17 1.03 0.11	56.30 0.83 0.00	56.52 0.94 0.00	54.85 0.86 0.00	47.86 0.85 0.00	40.12 0.90 0.00	34.84 1.05 0.00
GILBOA___4 23759	33.35 0.62 0.00	28.99 0.84 0.00	25.20 0.83 0.00	22.76 0.75 0.00	26.35 0.79 0.00	32.46 0.67 0.00	38.16 0.64 0.00	40.93 0.88 0.00	41.32 0.85 0.00	40.11 0.83 0.00	39.34 0.81 0.00	39.34 0.81 0.00	38.00 0.82 0.35	38.60 0.85 0.81	39.03 0.87 1.46	41.09 0.92 1.67	50.99 1.29 0.00	55.17 1.03 0.11	56.30 0.83 0.00	56.52 0.94 0.00	54.85 0.86 0.00	47.86 0.85 0.00	40.12 0.90 0.00	34.84 1.05 0.00

GILBOA____ 23599	33.35 0.62 0.00	28.99 0.84 0.00	25.20 0.83 0.00	22.76 0.75 0.00	26.35 0.79 0.00	32.46 0.67 0.00	38.16 0.64 0.00	40.93 0.88 0.00	41.31 0.85 0.00	40.11 0.83 0.00	39.34 0.81 0.00	39.34 0.81 0.00	38.00 0.83 0.35	38.60 0.85 0.81	39.03 0.87 1.46	41.09 0.92 1.67	50.94 1.24 0.00	55.17 1.03 0.11	56.41 0.94 0.00	56.75 1.17 0.00	54.80 0.81 0.00	47.86 0.85 0.00	40.12 0.90 0.00	34.84 1.05 0.00
GINNA____ 23603	30.28 -2.46 0.00	25.89 -2.25 0.00	22.61 -1.75 0.00	20.52 -1.50 0.00	23.74 -1.81 0.00	29.66 -2.13 0.00	34.86 -2.66 0.00	36.97 -3.08 0.00	37.47 -2.99 0.00	36.46 -2.83 0.00	35.83 -2.70 0.00	35.72 -2.81 0.00	34.97 -2.55 0.00	35.82 -2.74 0.00	36.93 -2.70 0.00	38.87 -2.97 0.00	45.38 -4.32 0.00	50.30 -3.96 0.00	51.37 -4.10 0.00	51.58 -4.00 0.00	50.27 -3.72 0.00	43.58 -3.43 0.00	36.47 -2.75 0.00	31.46 -2.33 0.00
GLEN PARK____ 23778	32.83 0.10 0.00	28.14 0.00 0.00	24.27 -0.10 0.00	21.91 -0.11 0.00	25.38 -0.18 0.00	31.66 -0.13 0.00	37.53 0.00 0.00	39.81 -0.24 0.00	40.06 -0.40 0.00	38.70 -0.59 0.00	38.03 -0.50 0.00	38.11 -0.42 0.00	36.96 -0.56 0.00	37.86 -0.69 0.00	39.07 -0.55 0.00	41.42 -0.42 0.00	49.30 -0.40 0.00	54.42 0.16 0.00	56.14 0.67 0.00	56.52 0.94 0.00	55.07 1.08 0.00	47.62 0.61 0.00	39.45 0.24 0.00	34.03 0.24 0.00
GLENDALE_27_KV_LOAD 356172	35.06 2.32 0.00	30.63 2.48 -0.01	26.66 2.29 0.00	24.06 2.05 0.00	27.76 2.20 0.00	33.92 2.13 0.00	39.97 2.44 0.00	43.17 3.12 0.00	43.82 3.36 0.00	42.74 3.46 0.00	42.00 3.47 0.00	42.23 3.70 0.00	43.07 3.68 -1.87	46.67 3.78 -4.33	51.38 3.88 -7.88	54.91 4.10 -8.97	54.75 5.02 -0.02	59.97 5.05 -0.67	60.46 4.99 0.00	60.75 5.17 0.00	57.83 3.83 0.00	50.44 3.43 0.00	42.43 3.22 0.00	37.00 3.21 0.00
GLENWOOD_IC_1_G5 23712	46.16 2.45 -10.98	45.59 2.53 -14.92	42.23 2.29 -15.57	41.89 2.05 -17.82	42.35 2.25 -14.54	43.15 2.29 -9.07	44.56 2.63 -4.41	46.54 3.32 -3.17	45.75 3.52 -1.76	45.14 3.54 -2.32	44.89 3.58 -2.78	46.54 3.74 -4.28	44.64 3.72 -3.40	46.75 3.86 -4.34	51.47 3.96 -7.89	54.84 4.02 -8.98	54.55 4.82 -0.02	59.86 4.94 -0.67	60.13 4.66 0.00	60.36 4.78 0.00	57.34 3.35 0.00	50.40 3.38 0.00	42.59 3.37 0.00	37.18 3.38 -0.01
GLENWOOD_IC_2_G1 23688	45.94 2.23 -10.98	45.43 2.36 -14.92	27.81 2.14 -1.30	25.42 1.91 -1.49	28.87 2.10 -1.21	34.65 2.10 -0.76	40.30 2.40 -0.37	44.55 3.04 -1.45	44.51 3.24 -0.81	43.61 3.26 -1.06	43.08 3.27 -1.27	46.24 3.43 -4.28	44.34 3.41 -3.40	46.40 3.51 -4.34	51.11 3.61 -7.88	54.59 3.77 -8.98	54.35 4.62 -0.02	59.64 4.72 -0.67	59.85 4.38 0.00	59.80 4.22 0.00	57.34 3.35 0.00	50.11 3.10 0.00	42.32 3.10 0.00	36.91 3.11 -0.01
GLENWOOD_IC_3_G1 23689	45.94 2.23 -10.98	45.43 2.36 -14.92	27.81 2.14 -1.30	25.42 1.91 -1.49	28.87 2.10 -1.21	34.65 2.10 -0.76	40.30 2.40 -0.37	44.55 3.04 -1.45	44.51 3.24 -0.81	43.61 3.26 -1.06	43.08 3.27 -1.27	46.24 3.43 -4.28	44.34 3.41 -3.40	46.40 3.51 -4.34	51.11 3.61 -7.88	54.59 3.77 -8.98	54.35 4.62 -0.02	59.64 4.72 -0.67	59.85 4.38 0.00	59.80 4.22 0.00	57.34 3.35 0.00	50.11 3.10 0.00	42.32 3.10 0.00	36.91 3.11 -0.01
GLENWOOD____4 23550	46.16 2.45 -10.98	45.59 2.53 -14.92	42.23 2.29 -15.57	41.89 2.05 -17.82	42.35 2.25 -14.54	43.15 2.29 -9.07	44.56 2.63 -4.41	46.54 3.32 -3.17	45.75 3.52 -1.76	45.14 3.54 -2.32	44.89 3.58 -2.78	46.54 3.74 -4.28	44.64 3.72 -3.40	46.75 3.86 -4.34	51.47 3.96 -7.89	54.92 4.10 -8.98	54.65 4.92 -0.02	59.92 4.99 -0.67	60.18 4.71 0.00	60.42 4.84 0.00	57.45 3.46 0.00	50.40 3.38 0.00	42.59 3.37 0.00	37.18 3.38 -0.01
GLENWOOD____5 23614	46.16 2.45 -10.98	45.59 2.53 -14.92	42.23 2.29 -15.57	41.89 2.05 -17.82	42.35 2.25 -14.54	43.15 2.29 -9.07	44.56 2.63 -4.41	46.54 3.32 -3.17	45.75 3.52 -1.76	45.14 3.54 -2.32	44.89 3.58 -2.78	46.54 3.74 -4.28	44.64 3.72 -3.40	46.75 3.86 -4.34	51.47 3.96 -7.89	54.92 4.10 -8.98	54.65 4.92 -0.02	59.92 4.99 -0.67	60.18 4.71 0.00	60.42 4.84 0.00	57.45 3.46 0.00	50.40 3.38 0.00	42.59 3.37 0.00	37.18 3.38 -0.01
GLOBAL GREEN_PORT_GT1 23814	48.27 4.55 -10.99	47.42 4.36 -14.92	46.13 3.87 -17.88	45.97 3.48 -20.47	46.18 3.91 -16.71	46.56 4.36 -10.41	47.65 5.06 -5.06	49.55 5.97 -3.53	48.63 6.19 -1.97	47.95 6.13 -2.54	62.12 6.13 -17.46	76.83 6.20 -32.10	46.90 5.97 -3.41	49.04 6.09 -4.40	53.78 6.26 -7.90	57.53 6.65 -9.04	57.54 7.80 -0.03	120.39 8.24 -57.89	62.85 7.38 0.00	62.70 7.12 0.00	59.98 5.99 0.00	52.66 5.64 -0.01	44.83 5.61 0.00	39.14 5.34 -0.01
GLOBE____DSASP 323697	30.11 -2.62 0.00	25.58 -2.56 0.00	22.64 -1.73 0.00	20.58 -1.43 0.00	23.69 -1.87 0.00	29.69 -2.10 0.00	34.60 -2.93 0.00	36.21 -3.84 0.00	36.66 -3.80 0.00	35.67 -3.61 0.00	35.26 -3.28 0.00	35.06 -3.47 0.00	34.30 -3.23 0.00	35.09 -3.47 0.00	36.17 -3.45 0.00	37.95 -3.89 0.00	44.44 -5.22 0.04	48.77 -5.48 0.00	50.03 -5.44 0.00	50.52 -5.06 0.00	48.48 -5.51 0.00	42.08 -4.94 0.00	35.65 -3.57 0.00	31.33 -2.47 0.00
GOETHSLN____LBMP 323567	34.73 2.00 0.00	30.31 2.17 0.00	26.39 2.02 0.00	23.82 1.81 0.00	27.53 1.97 0.00	33.64 1.84 0.00	39.66 2.14 0.00	42.85 2.80 0.00	43.58 3.12 0.00	42.46 3.18 0.01	41.72 3.20 0.01	40.78 3.39 1.14	41.73 3.34 -0.86	45.81 3.43 -3.83	50.84 3.49 -7.73	54.37 3.56 -8.97	54.15 4.42 -0.02	59.42 4.50 -0.67	59.91 4.44 0.00	60.14 4.56 0.00	57.23 3.24 0.00	50.07 3.10 0.05	41.09 2.98 1.11	36.83 3.04 0.01
GOLAH____69_KV_TB 1_2 80279	31.62 -1.11 0.00	27.02 -1.13 0.00	23.66 -0.71 0.00	21.46 -0.55 0.00	24.82 -0.74 0.00	31.09 -0.70 0.00	36.48 -1.05 0.00	38.53 -1.52 0.00	39.01 -1.46 0.00	37.87 -1.41 0.00	37.22 -1.31 0.00	37.03 -1.50 0.00	36.18 -1.35 0.00	36.98 -1.58 0.00	38.04 -1.58 0.00	40.00 -1.84 0.00	46.87 -2.83 0.00	51.70 -2.55 0.00	53.20 -2.27 0.00	53.69 -1.89 0.00	51.78 -2.21 0.00	44.90 -2.12 0.00	37.65 -1.57 0.00	32.68 -1.12 0.00
GOODYEAR_LAKE_HYD 323669	33.78 1.05 0.00	29.21 1.07 0.00	25.37 1.00 0.00	22.92 0.90 0.00	26.56 1.00 0.00	32.90 1.11 0.00	38.76 1.24 0.00	41.45 1.40 0.00	41.92 1.46 0.00	40.70 1.41 0.00	40.03 1.50 0.00	40.07 1.54 0.00	38.99 1.46 0.00	40.06 1.50 0.00	41.25 1.62 0.00	43.60 1.76 0.00	52.04 2.34 0.00	56.61 2.33 -0.03	57.97 2.50 0.00	58.36 2.78 0.00	56.26 2.27 0.00	48.99 1.97 0.00	40.83 1.61 0.00	35.42 1.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.77 0.03 0.00	28.23 0.08 0.00	24.59 0.22 0.00	22.23 0.22 0.00	25.71 0.15 0.00	31.98 0.19 0.00	37.64 0.11 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.40 0.12 0.00	38.76 0.23 0.00	38.68 0.15 0.00	37.79 0.19 -0.07	38.84 0.12 -0.17	40.09 0.16 -0.31	42.36 0.17 -0.35	50.15 0.45 0.00	54.55 0.27 -0.03	55.91 0.44 0.00	56.41 0.83 0.00	54.21 0.22 0.00	47.15 0.14 0.00	39.49 0.27 0.00	34.27 0.47 0.00

GOUDEY___7 23579	32.77 0.03 0.00	28.23 0.08 0.00	24.59 0.22 0.00	22.23 0.22 0.00	25.71 0.15 0.00	31.98 0.19 0.00	37.64 0.11 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.40 0.12 0.00	38.76 0.23 0.00	38.68 0.15 0.00	37.79 0.19 -0.07	38.84 0.12 -0.17	40.09 0.16 -0.31	42.36 0.17 -0.35	50.15 0.45 0.00	54.55 0.27 -0.03	55.91 0.44 0.00	56.41 0.83 0.00	54.21 0.22 0.00	47.15 0.14 0.00	39.49 0.27 0.00	34.27 0.47 0.00
GOUDEY___8 23580	32.77 0.03 0.00	28.23 0.08 0.00	24.59 0.22 0.00	22.23 0.22 0.00	25.71 0.15 0.00	31.98 0.19 0.00	37.64 0.11 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.40 0.12 0.00	38.76 0.23 0.00	38.68 0.15 0.00	37.79 0.19 -0.07	38.84 0.12 -0.17	40.09 0.16 -0.31	42.36 0.17 -0.35	50.15 0.45 0.00	54.55 0.27 -0.03	55.91 0.44 0.00	56.41 0.83 0.00	54.21 0.22 0.00	47.15 0.14 0.00	39.49 0.27 0.00	34.27 0.47 0.00
GOWANUS_GT1_1 24077	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT1_2 24078	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT1_3 24079	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT1_4 24080	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT1_5 24084	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT1_6 24111	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT1_7 24112	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT1_8 24113	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT2_1 24114	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT2_2 24115	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT2_3 24116	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT2_4 24117	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT2_5 24118	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06

GOWANUS_GT2_6 24119	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT2_7 24120	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT2_8 24121	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT3_1 24122	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT3_2 24123	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT3_3 24124	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT3_4 24125	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT3_5 24126	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT3_6 24127	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT3_7 24128	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT3_8 24129	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT4_1 24130	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT4_2 24131	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT4_3 24132	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT4_4 24133	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06

GOWANUS_GT4_5 24134	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT4_6 24135	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT4_7 24136	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GOWANUS_GT4_8 24137	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GREATVR_69_KV_BK1 356245	47.15 3.44 -10.98	46.47 3.41 -14.92	45.26 3.09 -17.80	45.16 2.77 -20.37	45.28 3.09 -16.63	45.49 3.34 -10.36	46.43 3.87 -5.04	47.98 4.45 -3.49	47.14 4.73 -1.95	46.57 4.75 -2.52	54.79 4.62 -11.64	64.17 4.74 -20.89	45.66 4.73 -3.40	47.71 4.78 -4.38	52.43 4.91 -7.89	56.09 5.23 -9.01	56.00 6.26 -0.03	95.50 6.40 -34.85	61.46 5.99 0.00	61.58 6.00 0.00	58.47 4.48 0.00	51.34 4.33 -0.01	43.88 4.67 0.00	38.43 4.63 -0.01
GREENBSH_115KV_TB3 55895	33.13 0.39 0.00	28.99 0.84 0.00	25.22 0.85 0.00	22.81 0.79 0.00	26.40 0.84 0.00	32.24 0.45 0.00	37.83 0.30 0.00	40.61 0.56 0.00	40.83 0.36 0.00	39.60 0.31 0.00	38.69 0.15 0.00	38.72 0.19 0.00	37.65 0.23 0.10	38.58 0.27 0.24	39.46 0.28 0.44	41.55 0.21 0.50	50.15 0.45 0.00	54.45 0.22 0.02	55.80 0.33 0.00	56.25 0.67 0.00	54.32 0.32 0.00	47.34 0.33 0.00	39.73 0.51 0.00	34.54 0.74 0.00
GREENDGE_115KV_TB5 80291	32.47 -0.26 0.00	27.84 -0.31 0.00	24.27 -0.10 0.00	21.97 -0.04 0.00	25.41 -0.15 0.00	31.79 0.00 0.00	37.45 -0.08 0.00	39.85 -0.20 0.00	40.26 -0.20 0.00	38.97 -0.31 0.00	38.34 -0.19 0.00	38.18 -0.35 0.00	37.23 -0.30 0.00	38.09 -0.46 0.00	39.19 -0.44 0.00	41.38 -0.46 0.00	48.93 -0.84 -0.07	53.49 -0.76 0.00	55.14 -0.33 0.00	55.80 0.22 0.00	53.67 -0.32 0.00	46.92 -0.09 0.00	39.26 0.04 0.00	33.96 0.17 0.00
GREENIDGE___3 23582	32.47 -0.26 0.00	27.84 -0.31 0.00	24.27 -0.10 0.00	21.97 -0.04 0.00	25.41 -0.15 0.00	31.79 0.00 0.00	37.45 -0.08 0.00	39.85 -0.20 0.00	40.26 -0.20 0.00	38.97 -0.31 0.00	38.34 -0.19 0.00	38.18 -0.35 0.00	37.23 -0.30 0.00	38.09 -0.46 0.00	39.19 -0.44 0.00	41.38 -0.46 0.00	48.93 -0.84 -0.07	53.49 -0.76 0.00	55.14 -0.33 0.00	55.80 0.22 0.00	53.67 -0.32 0.00	46.92 -0.09 0.00	39.26 0.04 0.00	33.96 0.17 0.00
GREENIDGE___4 23583	32.47 -0.26 0.00	27.84 -0.31 0.00	24.27 -0.10 0.00	21.97 -0.04 0.00	25.41 -0.15 0.00	31.76 -0.03 0.00	37.45 -0.07 0.00	39.85 -0.20 0.00	40.26 -0.20 0.00	38.97 -0.32 0.00	38.34 -0.19 0.00	38.18 -0.35 0.00	37.22 -0.30 0.00	38.02 -0.54 0.00	39.19 -0.43 0.00	41.38 -0.46 0.00	48.78 -0.99 -0.07	53.44 -0.81 0.00	54.81 -0.66 0.00	55.25 -0.33 0.00	53.67 -0.32 0.00	46.92 -0.09 0.00	39.26 0.04 0.00	33.96 0.17 0.00
GREENLWN_69_KV_BK 3 55738	46.23 2.52 -10.97	45.65 2.59 -14.92	44.59 2.41 -17.81	44.58 2.18 -20.39	44.60 2.40 -16.64	44.64 2.48 -10.37	45.38 2.81 -5.04	47.24 3.76 -3.42	46.16 3.80 -1.90	45.46 3.65 -2.52	42.18 3.81 0.17	40.60 3.93 1.86	44.48 3.57 -3.39	46.66 3.78 -4.33	51.23 3.72 -7.88	54.99 4.18 -8.96	54.45 4.72 -0.02	47.33 5.05 11.97	59.74 4.27 0.00	59.86 4.28 0.00	56.75 2.75 0.00	49.83 2.82 0.00	42.71 3.49 0.00	37.42 3.62 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
GRISSOM___SOLAR 323813	34.30 1.57 0.00	29.72 1.58 0.00	25.83 1.46 0.00	23.34 1.32 0.00	27.12 1.56 0.00	33.51 1.72 0.00	39.36 1.84 0.00	41.97 1.92 0.00	42.24 1.78 0.00	40.74 1.45 0.00	39.92 1.39 0.00	39.92 1.39 0.00	38.79 1.39 0.13	39.81 1.54 0.29	40.76 1.66 0.53	43.21 1.97 0.60	52.33 2.63 0.00	56.88 2.66 0.03	58.52 3.05 0.00	59.14 3.56 0.00	57.45 3.46 0.00	49.88 2.87 0.00	41.49 2.27 0.00	35.92 2.13 0.00
GROVEVILLE___HYD 323602	34.63 1.90 0.00	30.20 2.05 0.00	26.24 1.88 0.00	23.71 1.70 0.00	27.42 1.87 0.00	33.64 1.84 0.00	39.51 1.99 0.00	42.61 2.56 0.00	43.22 2.75 0.00	42.08 2.79 0.00	41.27 2.74 0.00	41.31 2.77 0.00	42.11 2.78 -1.81	45.60 2.85 -4.19	50.21 2.97 -7.62	53.73 3.22 -8.67	53.75 4.03 -0.02	59.03 4.12 -0.65	59.69 4.22 0.00	60.03 4.45 0.00	57.34 3.35 0.00	50.07 3.06 0.00	41.96 2.75 0.00	36.53 2.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.54 -0.20 0.00	28.00 -0.14 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.38 -0.15 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.68 -0.33 0.00	38.98 -0.24 0.00	33.73 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	32.44 -0.29 0.00	27.86 -0.28 0.00	24.25 -0.12 0.00	21.93 -0.09 0.00	25.38 -0.18 0.00	31.63 -0.16 0.00	37.26 -0.26 0.00	39.57 -0.48 0.00	40.06 -0.40 0.00	38.85 -0.43 0.00	38.15 -0.39 0.00	38.15 -0.39 0.00	37.19 -0.34 0.00	38.21 -0.35 0.00	39.26 -0.36 0.00	41.46 -0.38 0.00	49.11 -0.60 0.00	53.77 -0.49 0.00	55.14 -0.33 0.00	55.41 -0.17 0.00	53.56 -0.43 0.00	46.54 -0.47 0.00	38.90 -0.31 0.00	33.63 -0.17 0.00

HAMPSHIRE___PAPER_HYD 323593	32.01 -0.72 0.00	27.27 -0.87 0.00	23.44 -0.93 0.00	21.13 -0.88 0.00	24.54 -1.02 0.00	30.74 -1.05 0.00	36.66 -0.86 0.00	39.05 -1.00 0.00	39.37 -1.09 0.00	38.11 -1.18 0.00	37.45 -1.08 0.00	37.45 -1.08 0.00	36.36 -1.16 0.00	37.36 -1.20 0.00	38.39 -1.23 0.00	40.67 -1.17 0.00	48.16 -1.54 0.00	52.95 -1.30 0.00	54.47 -1.00 0.00	54.64 -0.95 0.00	53.18 -0.81 0.00	46.12 -0.89 0.00	38.20 -1.02 0.00	32.68 -1.11 0.00
HARDSCRABBLE_WT_PWR 323673	33.16 0.42 0.00	28.62 0.48 0.00	24.81 0.44 0.00	22.41 0.40 0.00	25.99 0.43 0.00	32.24 0.44 0.00	38.01 0.49 0.00	40.57 0.52 0.00	40.99 0.52 0.00	39.80 0.51 0.00	39.03 0.50 0.00	39.07 0.54 0.00	37.98 0.45 0.00	39.02 0.46 0.00	40.10 0.48 0.00	42.35 0.50 0.00	50.40 0.70 0.00	55.01 0.76 0.00	56.25 0.78 0.00	56.42 0.83 0.00	54.75 0.76 0.00	47.67 0.66 0.00	39.81 0.59 0.00	34.40 0.61 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.47 1.73 0.00	30.06 1.91 0.00	26.12 1.75 0.00	23.58 1.56 0.00	27.27 1.71 0.00	33.48 1.68 0.00	39.40 1.88 0.00	42.49 2.44 0.00	43.05 2.59 0.00	41.92 2.63 0.00	41.19 2.66 0.00	41.19 2.66 0.00	41.85 2.66 -1.66	45.14 2.74 -3.85	49.48 2.85 -7.00	52.87 3.05 -7.97	53.55 3.83 -0.02	58.81 3.96 -0.60	59.46 3.99 0.00	59.81 4.22 0.00	57.07 3.08 0.00	49.78 2.77 0.00	41.81 2.59 0.00	36.40 2.60 0.00
HARSNRAD_115KV_TB1 81005	30.54 -2.19 0.00	25.95 -2.20 0.00	22.88 -1.49 0.00	20.78 -1.23 0.00	23.92 -1.64 0.00	30.07 -1.72 0.00	35.05 -2.48 0.00	36.81 -3.24 0.00	37.27 -3.20 0.00	36.22 -3.06 0.00	35.80 -2.74 0.00	35.60 -2.93 0.00	34.79 -2.74 0.00	35.59 -2.97 0.00	36.69 -2.93 0.00	38.49 -3.35 0.00	45.24 -4.42 0.04	49.59 -4.67 0.00	50.98 -4.49 0.00	51.52 -4.06 0.00	49.46 -4.54 0.00	42.92 -4.09 0.00	36.32 -2.90 0.00	31.83 -1.96 0.00
HARZA MOOSE___RIVER 24016	32.99 0.26 0.00	28.29 0.14 0.00	24.44 0.07 0.00	22.06 0.04 0.00	25.58 0.03 0.00	31.82 0.03 0.00	37.64 0.11 0.00	40.09 0.04 0.00	40.47 0.00 0.00	39.21 -0.08 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.41 -0.11 0.00	38.40 -0.15 0.00	39.54 -0.08 0.00	41.84 0.00 0.00	49.85 0.15 0.00	54.69 0.43 0.00	56.19 0.72 0.00	56.36 0.78 0.00	54.69 0.70 0.00	47.39 0.38 0.00	39.37 0.16 0.00	34.00 0.20 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.44 -0.29 0.00	27.95 -0.20 0.00	24.29 -0.07 0.00	21.95 -0.07 0.00	25.43 -0.13 0.00	31.63 -0.16 0.00	37.26 -0.26 0.00	39.61 -0.44 0.00	40.06 -0.40 0.00	38.93 -0.35 0.00	38.22 -0.31 0.00	38.18 -0.35 0.00	37.23 -0.30 0.00	38.25 -0.31 0.00	39.30 -0.32 0.00	41.51 -0.33 0.00	49.31 -0.40 0.00	53.82 -0.43 0.00	55.14 -0.33 0.00	55.41 -0.17 0.00	53.51 -0.49 0.00	46.54 -0.47 0.00	38.90 -0.31 0.00	33.69 -0.10 0.00
HELLGATE_13_KV_LD 55870	35.09 2.36 0.00	30.69 2.53 -0.01	26.66 2.29 0.00	24.06 2.05 0.00	27.78 2.22 0.00	33.89 2.10 0.00	39.93 2.40 0.00	43.13 3.08 0.00	43.78 3.32 0.00	42.71 3.42 0.00	42.00 3.47 0.00	42.19 3.66 0.00	43.04 3.64 -1.87	46.63 3.74 -4.33	51.38 3.88 -7.88	54.87 4.06 -8.97	54.70 4.97 -0.02	60.02 5.10 -0.67	60.46 4.99 0.00	60.69 5.11 0.00	57.77 3.78 0.00	50.40 3.38 0.00	42.43 3.22 0.00	36.97 3.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.09 2.36 0.00	30.69 2.53 -0.01	26.66 2.29 0.00	24.06 2.05 0.00	27.78 2.22 0.00	33.89 2.10 0.00	39.93 2.40 0.00	43.13 3.08 0.00	43.78 3.32 0.00	42.71 3.42 0.00	42.00 3.47 0.00	42.19 3.66 0.00	43.04 3.64 -1.87	46.63 3.74 -4.33	51.38 3.88 -7.88	54.87 4.06 -8.97	54.70 4.97 -0.02	60.02 5.10 -0.67	60.46 4.99 0.00	60.69 5.11 0.00	57.77 3.78 0.00	50.40 3.38 0.00	42.43 3.22 0.00	36.97 3.18 0.00
HEMPSTEAD___ 23647	46.20 2.49 -10.98	45.62 2.56 -14.92	43.06 2.34 -16.35	42.82 2.09 -18.72	43.13 2.30 -15.27	43.66 2.35 -9.52	44.82 2.66 -4.63	46.68 3.36 -3.26	45.84 3.56 -1.81	45.29 3.61 -2.39	45.01 3.62 -2.86	46.54 3.74 -4.28	44.64 3.72 -3.40	46.75 3.86 -4.34	51.43 3.92 -7.89	54.96 4.14 -8.98	54.65 4.92 -0.02	59.97 5.05 -0.67	59.96 4.49 0.00	59.86 4.28 0.00	57.29 3.29 0.00	50.21 3.20 0.00	42.67 3.45 0.00	37.28 3.48 -0.01
HICKLING___1 23621	32.60 -0.13 0.00	27.92 -0.23 0.00	24.39 0.02 0.00	22.08 0.07 0.00	25.48 -0.08 0.00	31.89 0.10 0.00	37.49 -0.04 0.00	39.97 -0.08 0.00	40.42 -0.04 0.00	39.17 -0.12 0.00	38.61 0.08 0.00	38.49 -0.04 0.00	37.49 -0.04 0.00	38.29 -0.27 0.00	39.38 -0.24 0.00	41.59 -0.25 0.00	49.79 0.05 -0.03	54.11 -0.16 -0.02	55.47 0.00 0.00	56.25 0.67 0.00	53.94 -0.05 0.00	46.87 -0.14 0.00	39.30 0.08 0.00	34.13 0.34 0.00
HICKLING___2 23622	32.60 -0.13 0.00	27.92 -0.23 0.00	24.39 0.02 0.00	22.08 0.07 0.00	25.48 -0.08 0.00	31.89 0.10 0.00	37.49 -0.04 0.00	39.97 -0.08 0.00	40.42 -0.04 0.00	39.17 -0.12 0.00	38.61 0.08 0.00	38.49 -0.04 0.00	37.49 -0.04 0.00	38.29 -0.27 0.00	39.38 -0.24 0.00	41.59 -0.25 0.00	49.79 0.05 -0.03	54.11 -0.16 -0.02	55.47 0.00 0.00	56.25 0.67 0.00	53.94 -0.05 0.00	46.87 -0.14 0.00	39.30 0.08 0.00	34.13 0.34 0.00
HIGH FALLS___HY 23754	34.79 2.06 0.00	30.28 2.14 0.00	26.29 1.93 0.00	23.75 1.74 0.00	27.48 1.92 0.00	33.76 1.97 0.00	39.70 2.18 0.00	42.85 2.80 0.00	43.50 3.03 0.00	42.31 3.03 0.00	41.50 2.97 0.00	41.54 3.01 0.00	41.93 2.96 -1.44	44.93 3.05 -3.33	48.84 3.17 -6.05	52.16 3.43 -6.89	54.10 4.37 -0.02	59.33 4.56 -0.52	60.18 4.71 0.00	60.53 4.95 0.00	57.77 3.78 0.00	50.44 3.43 0.00	42.28 3.06 0.00	36.77 2.97 0.00
HIGH_RIVER___SOLAR 323847	33.85 1.11 0.00	29.33 1.18 0.00	25.49 1.12 0.00	23.03 1.01 0.00	26.73 1.18 0.00	32.97 1.18 0.00	38.73 1.20 0.00	41.25 1.20 0.00	41.43 0.97 0.00	40.07 0.79 0.00	39.23 0.69 0.00	39.26 0.73 0.00	38.10 0.71 0.14	39.04 0.81 0.32	39.87 0.83 0.59	42.22 1.05 0.67	51.24 1.54 0.00	55.69 1.47 0.03	57.24 1.77 0.00	57.81 2.23 0.00	56.10 2.10 0.00	48.80 1.79 0.00	40.71 1.49 0.00	35.28 1.49 0.00
HILLBURN___GT 23639	34.50 1.77 0.00	30.09 1.94 0.00	26.17 1.80 0.00	23.64 1.63 0.00	27.32 1.76 0.00	33.51 1.72 0.00	39.48 1.95 0.00	42.62 2.57 0.00	43.18 2.71 0.00	42.08 2.79 0.00	41.34 2.81 0.00	41.42 2.89 0.00	42.08 2.85 -1.70	45.42 2.93 -3.94	49.83 3.05 -7.16	53.21 3.22 -8.15	53.70 3.98 -0.02	58.93 4.07 -0.61	59.47 4.00 0.00	59.47 3.89 0.00	57.12 3.13 0.00	49.78 2.77 0.00	41.85 2.63 0.00	36.46 2.67 0.00
HILLSIDE_115KV_TB1 80332	32.14 -0.59 0.00	27.61 -0.53 0.00	24.10 -0.27 0.00	21.84 -0.18 0.00	25.20 -0.36 0.00	31.44 -0.35 0.00	36.96 -0.56 0.00	39.45 -0.60 0.00	39.86 -0.61 0.00	38.70 -0.59 0.00	38.07 -0.46 0.00	37.95 -0.58 0.00	37.02 -0.56 -0.06	37.96 -0.73 -0.14	39.16 -0.71 -0.25	41.37 -0.75 -0.29	49.23 -0.50 -0.02	53.41 -0.87 -0.02	54.92 -0.55 0.00	55.58 0.00 0.00	53.29 -0.70 0.00	46.31 -0.71 0.00	38.86 -0.35 0.00	33.76 -0.03 0.00

HISHELDN_WT_PWR 323625	31.10 -1.64 0.00	26.46 -1.69 0.00	23.27 -1.10 0.00	21.09 -0.92 0.00	24.26 -1.30 0.00	30.36 -1.43 0.00	35.61 -1.91 0.00	37.61 -2.44 0.00	38.08 -2.39 0.00	36.93 -2.36 0.00	36.45 -2.08 0.00	36.22 -2.31 0.00	35.24 -2.29 0.00	35.82 -2.74 0.00	36.93 -2.70 0.00	38.91 -2.93 0.00	46.09 -3.48 0.14	50.51 -3.74 0.00	51.59 -3.88 0.00	52.19 -3.39 0.00	50.92 -3.08 0.00	44.28 -2.73 0.00	37.38 -1.84 0.00	32.58 -1.22 0.00
HOLTSVILLE_IC_1 23690	46.89 3.17 -10.99	46.24 3.18 -14.92	45.16 2.90 -17.89	45.09 2.60 -20.48	45.16 2.89 -16.71	45.29 3.08 -10.42	46.12 3.53 -5.06	47.62 4.04 -3.53	46.77 4.33 -1.97	46.22 4.40 -2.54	59.85 4.20 -17.11	74.28 4.31 -31.43	45.21 4.28 -3.40	47.27 4.32 -4.40	51.95 4.44 -7.90	55.56 4.69 -9.04	55.30 5.57 -0.03	116.46 5.70 -56.51	60.46 4.99 0.00	60.36 4.78 0.00	57.71 3.72 0.00	50.64 3.62 -0.01	43.33 4.12 0.00	38.03 4.22 -0.01
HOLTSVILLE_IC_10 23699	47.09 3.37 -10.99	46.41 3.35 -14.92	45.26 3.02 -17.87	45.18 2.71 -20.45	45.29 3.04 -16.69	45.47 3.28 -10.40	46.34 3.75 -5.06	47.95 4.37 -3.53	47.05 4.61 -1.98	46.46 4.63 -2.54	61.23 4.47 -18.23	76.74 4.62 -33.59	45.47 4.54 -3.41	47.55 4.59 -4.40	52.23 4.71 -7.90	55.86 4.98 -9.04	55.65 5.91 -0.04	121.34 6.13 -60.96	60.91 5.44 0.00	60.75 5.17 0.00	58.15 4.16 0.00	50.97 3.95 -0.01	43.57 4.35 0.00	38.19 4.39 -0.01
HOLTSVILLE_IC_2 23691	46.89 3.17 -10.99	46.24 3.18 -14.92	45.16 2.90 -17.89	45.09 2.60 -20.48	45.16 2.89 -16.71	45.29 3.08 -10.42	46.12 3.53 -5.06	47.62 4.04 -3.53	46.77 4.33 -1.97	46.22 4.40 -2.54	59.85 4.20 -17.11	74.28 4.31 -31.43	45.21 4.28 -3.40	47.27 4.32 -4.40	51.95 4.44 -7.90	55.56 4.69 -9.04	55.30 5.57 -0.03	116.46 5.70 -56.51	60.46 4.99 0.00	60.36 4.78 0.00	57.71 3.72 0.00	50.64 3.62 -0.01	43.33 4.12 0.00	38.03 4.22 -0.01
HOLTSVILLE_IC_3 23692	46.89 3.17 -10.99	46.24 3.18 -14.92	45.16 2.90 -17.89	45.09 2.60 -20.48	45.16 2.89 -16.71	45.29 3.08 -10.42	46.12 3.53 -5.06	47.62 4.04 -3.53	46.77 4.33 -1.97	46.22 4.40 -2.54	59.85 4.20 -17.11	74.28 4.31 -31.43	45.21 4.28 -3.40	47.27 4.32 -4.40	51.95 4.44 -7.90	55.56 4.69 -9.04	55.30 5.57 -0.03	116.46 5.70 -56.51	60.46 4.99 0.00	60.36 4.78 0.00	57.71 3.72 0.00	50.64 3.62 -0.01	43.33 4.12 0.00	38.03 4.22 -0.01
HOLTSVILLE_IC_4 23693	46.89 3.17 -10.99	46.24 3.18 -14.92	45.16 2.90 -17.89	45.09 2.60 -20.48	45.16 2.89 -16.71	45.29 3.08 -10.42	46.12 3.53 -5.06	47.62 4.04 -3.53	46.77 4.33 -1.97	46.22 4.40 -2.54	59.85 4.20 -17.11	74.28 4.31 -31.43	45.21 4.28 -3.40	47.27 4.32 -4.40	51.95 4.44 -7.90	55.56 4.69 -9.04	55.30 5.57 -0.03	116.46 5.70 -56.51	60.46 4.99 0.00	60.36 4.78 0.00	57.71 3.72 0.00	50.64 3.62 -0.01	43.33 4.12 0.00	38.03 4.22 -0.01
HOLTSVILLE_IC_5 23694	46.89 3.17 -10.99	46.24 3.18 -14.92	45.16 2.90 -17.89	45.09 2.60 -20.48	45.16 2.89 -16.71	45.29 3.08 -10.42	46.12 3.53 -5.06	47.62 4.04 -3.53	46.77 4.33 -1.97	46.22 4.40 -2.54	59.85 4.20 -17.11	74.28 4.31 -31.43	45.21 4.28 -3.40	47.27 4.32 -4.40	51.95 4.44 -7.90	55.56 4.69 -9.04	55.30 5.57 -0.03	116.46 5.70 -56.51	60.46 4.99 0.00	60.36 4.78 0.00	57.71 3.72 0.00	50.64 3.62 -0.01	43.33 4.12 0.00	38.03 4.22 -0.01
HOLTSVILLE_IC_6 23695	47.09 3.37 -10.99	46.41 3.35 -14.92	45.26 3.02 -17.87	45.18 2.71 -20.45	45.29 3.04 -16.69	45.47 3.28 -10.40	46.34 3.75 -5.06	47.95 4.37 -3.53	47.05 4.61 -1.98	46.46 4.63 -2.54	61.23 4.47 -18.23	76.74 4.62 -33.59	45.47 4.54 -3.41	47.55 4.59 -4.40	52.23 4.71 -7.90	55.86 4.98 -9.04	55.65 5.91 -0.04	121.34 6.13 -60.96	60.91 5.44 0.00	60.75 5.17 0.00	58.15 4.16 0.00	50.97 3.95 -0.01	43.57 4.35 0.00	38.19 4.39 -0.01
HOLTSVILLE_IC_7 23696	47.09 3.37 -10.99	46.41 3.35 -14.92	45.26 3.02 -17.87	45.18 2.71 -20.45	45.29 3.04 -16.69	45.47 3.28 -10.40	46.34 3.75 -5.06	47.95 4.37 -3.53	47.05 4.61 -1.98	46.46 4.63 -2.54	61.23 4.47 -18.23	76.74 4.62 -33.59	45.47 4.54 -3.41	47.55 4.59 -4.40	52.23 4.71 -7.90	55.86 4.98 -9.04	55.65 5.91 -0.04	121.34 6.13 -60.96	60.91 5.44 0.00	60.75 5.17 0.00	58.15 4.16 0.00	50.97 3.95 -0.01	43.57 4.35 0.00	38.19 4.39 -0.01
HOLTSVILLE_IC_8 23697	47.09 3.37 -10.99	46.41 3.35 -14.92	45.26 3.02 -17.87	45.18 2.71 -20.45	45.29 3.04 -16.69	45.47 3.28 -10.40	46.34 3.75 -5.06	47.95 4.37 -3.53	47.05 4.61 -1.98	46.46 4.63 -2.54	61.23 4.47 -18.23	76.74 4.62 -33.59	45.47 4.54 -3.41	47.55 4.59 -4.40	52.23 4.71 -7.90	55.86 4.98 -9.04	55.65 5.91 -0.04	121.34 6.13 -60.96	60.91 5.44 0.00	60.75 5.17 0.00	58.15 4.16 0.00	50.97 3.95 -0.01	43.57 4.35 0.00	38.19 4.39 -0.01
HOLTSVILLE_IC_9 23698	47.09 3.37 -10.99	46.41 3.35 -14.92	45.26 3.02 -17.87	45.18 2.71 -20.45	45.29 3.04 -16.69	45.47 3.28 -10.40	46.34 3.75 -5.06	47.95 4.37 -3.53	47.05 4.61 -1.98	46.46 4.63 -2.54	61.23 4.47 -18.23	76.74 4.62 -33.59	45.47 4.54 -3.41	47.55 4.59 -4.40	52.23 4.71 -7.90	55.86 4.98 -9.04	55.65 5.91 -0.04	121.34 6.13 -60.96	60.91 5.44 0.00	60.75 5.17 0.00	58.15 4.16 0.00	50.97 3.95 -0.01	43.57 4.35 0.00	38.19 4.39 -0.01
HOMER_HL_115KV_TB2 355744	31.42 -1.31 0.00	26.79 -1.35 0.00	23.56 -0.80 0.00	21.38 -0.64 0.00	24.59 -0.97 0.00	30.81 0.00 0.00	36.10 -1.43 0.00	38.37 -1.68 0.00	38.81 -1.66 0.00	37.75 -1.53 0.00	37.30 -1.23 0.00	37.03 -1.50 0.00	36.10 -1.43 0.00	36.86 -1.70 0.00	38.00 -1.62 0.00	40.04 -1.80 0.00	49.29 -0.40 0.01	52.03 -2.22 0.00	53.64 -1.83 0.00	54.41 -1.17 0.00	51.83 -2.16 0.00	44.94 -2.07 0.00	37.96 -1.25 0.00	33.08 -0.71 0.00
HOWARD_WT_PWR 323690	32.01 -0.72 0.00	27.27 -0.87 0.00	23.88 -0.49 0.00	21.62 -0.40 0.00	24.94 -0.61 0.00	31.25 -0.54 0.00	36.78 -0.75 0.00	39.05 -1.00 0.00	39.49 -0.97 0.00	38.15 -1.14 0.00	37.61 -0.93 0.00	37.38 -1.15 0.00	36.32 -1.20 0.00	36.86 -1.70 0.00	37.92 -1.70 0.00	40.04 -1.80 0.00	47.97 -1.89 -0.16	52.46 -1.79 0.00	54.03 -1.44 0.00	54.92 -0.66 0.00	53.56 -0.43 0.00	46.54 -0.47 0.00	38.98 -0.23 0.00	33.76 -0.03 0.00
HQ_GEN_CEDARS 23644	32.67 -0.07 0.00	27.72 -0.42 0.00	23.81 -0.56 0.00	21.44 -0.57 0.00	24.94 -0.61 0.00	31.44 -0.35 0.00	37.68 0.15 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.37 0.08 0.00	38.72 0.19 0.00	38.65 0.12 0.00	37.60 0.08 0.00	38.67 0.12 0.00	39.66 0.04 0.00	41.92 0.08 0.00	49.26 -0.45 0.00	54.04 -0.22 0.00	55.14 -0.33 0.00	55.03 -0.56 0.00	54.05 0.05 0.00	47.06 0.05 0.00	38.94 -0.27 0.00	33.08 -0.71 0.00
HQ_GEN_CEDARS_PROXY 323590	32.67 -0.07 0.00	27.72 -0.42 0.00	23.81 -0.56 0.00	21.44 -0.57 0.00	24.42 -0.61 0.52	31.96 -0.35 -0.52	37.68 0.15 0.00	40.49 0.12 -0.32	40.27 0.12 0.32	39.37 0.08 0.00	38.72 0.19 0.00	38.65 0.12 0.00	37.60 0.08 0.00	38.67 0.12 0.00	39.62 0.00 0.00	41.92 0.08 0.00	49.30 -0.40 0.00	54.09 -0.16 0.00	55.41 -0.06 0.00	55.47 -0.11 0.00	54.05 0.05 0.00	47.06 0.05 0.00	38.95 -0.27 0.00	33.12 -0.68 0.00

HQ_GEN_IMPORT 323601	39.81 -0.07 -7.15	20.69 -0.31 7.15	23.95 -0.41 0.00	21.62 -0.40 0.00	6.75 -0.36 18.45	50.08 -0.16 -18.45	37.53 0.00 0.00	40.37 0.00 -0.32	40.15 0.00 0.32	39.29 0.00 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.49 -0.04 0.00	38.52 -0.04 0.00	39.58 -0.04 0.00	41.80 -0.04 0.00	49.55 -0.15 0.00	54.20 -0.05 0.00	55.47 0.00 0.00	55.47 -0.11 0.00	54.05 0.05 0.00	47.06 0.05 0.00	39.06 -0.16 0.00	33.32 -0.47 0.00
HQ_GEN_WHEEL 23651	39.81 -0.07 -7.15	20.69 -0.31 7.15	23.95 -0.41 0.00	21.62 -0.40 0.00	6.75 -0.36 18.45	50.08 -0.16 -18.45	37.53 0.00 0.00	40.37 0.00 -0.32	40.15 0.00 0.32	39.29 0.00 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.49 -0.04 0.00	38.52 -0.04 0.00	39.58 -0.04 0.00	41.80 -0.04 0.00	49.55 -0.15 0.00	54.20 -0.05 0.00	55.47 0.00 0.00	55.47 -0.11 0.00	54.05 0.05 0.00	47.06 0.05 0.00	39.06 -0.16 0.00	33.32 -0.47 0.00
HUDSON AVE_GT_3 23810	34.93 2.19 0.00	30.48 2.34 0.00	26.54 2.17 0.00	23.95 1.94 0.00	27.65 2.10 0.00	33.86 2.07 0.00	39.89 2.36 0.00	43.09 3.04 0.00	43.78 3.32 0.00	42.63 3.34 0.00	41.88 3.35 0.00	42.08 3.54 0.00	42.92 3.53 -1.87	46.51 3.62 -4.33	51.22 3.72 -7.88	54.70 3.89 -8.97	54.50 4.77 -0.02	59.75 4.83 -0.67	60.30 4.83 0.00	60.53 4.95 0.00	57.61 3.62 0.00	50.35 3.34 0.00	42.36 3.14 0.00	36.97 3.18 0.00
HUDSON AVE_GT_4 23540	34.93 2.19 0.00	30.48 2.34 0.00	26.54 2.17 0.00	23.95 1.94 0.00	27.65 2.10 0.00	33.86 2.07 0.00	39.89 2.36 0.00	43.09 3.04 0.00	43.78 3.32 0.00	42.63 3.34 0.00	41.88 3.35 0.00	42.08 3.54 0.00	42.92 3.53 -1.87	46.51 3.62 -4.33	51.22 3.72 -7.88	54.70 3.89 -8.97	54.50 4.77 -0.02	59.75 4.83 -0.67	60.30 4.83 0.00	60.53 4.95 0.00	57.61 3.62 0.00	50.35 3.34 0.00	42.36 3.14 0.00	36.97 3.18 0.00
HUDSON AVE_GT_5 23657	34.93 2.19 0.00	30.48 2.34 0.00	26.54 2.17 0.00	23.95 1.94 0.00	27.65 2.10 0.00	33.86 2.07 0.00	39.89 2.36 0.00	43.09 3.04 0.00	43.78 3.32 0.00	42.63 3.34 0.00	41.88 3.35 0.00	42.08 3.54 0.00	42.92 3.53 -1.87	46.51 3.62 -4.33	51.22 3.72 -7.88	54.70 3.89 -8.97	54.50 4.77 -0.02	59.75 4.83 -0.67	60.30 4.83 0.00	60.53 4.95 0.00	57.61 3.62 0.00	50.35 3.34 0.00	42.36 3.14 0.00	36.97 3.18 0.00
HUDSON_AVE_10 24168	34.72 2.00 0.01	30.31 2.17 0.00	26.41 2.05 0.00	23.84 1.83 0.00	27.55 1.99 0.00	33.67 1.88 0.00	39.74 2.21 0.00	42.93 2.88 0.00	43.62 3.16 0.00	42.51 3.22 0.00	41.73 3.20 0.00	41.96 3.43 0.00	42.77 3.38 -1.87	46.36 3.47 -4.33	51.06 3.57 -7.88	54.53 3.72 -8.97	54.30 4.57 -0.02	59.48 4.56 -0.67	60.02 4.55 0.00	60.25 4.67 0.00	57.34 3.35 0.00	50.16 3.15 0.00	42.20 2.98 0.00	36.84 3.04 0.00
HUDSON___115KV_TB 4 355613	33.65 0.92 0.00	29.41 1.27 0.00	25.56 1.19 0.00	23.12 1.10 0.00	26.79 1.23 0.00	32.78 0.99 0.00	38.46 0.94 0.00	41.21 1.16 0.00	41.40 0.93 0.00	39.99 0.71 0.00	38.99 0.46 0.00	38.95 0.42 0.00	38.12 0.53 -0.07	39.33 0.62 -0.16	40.62 0.71 -0.29	43.01 0.84 -0.33	50.95 1.24 0.00	55.59 1.30 -0.04	57.02 1.55 0.00	57.53 1.95 0.00	55.61 1.62 0.00	48.42 1.41 0.00	40.51 1.29 0.00	35.18 1.39 0.00
HUNTER MOUNT___DRP 323613	33.75 1.01 0.00	29.47 1.32 0.00	25.61 1.24 0.00	23.16 1.14 0.00	26.84 1.28 0.00	32.87 1.08 0.00	38.54 1.01 0.00	41.29 1.24 0.00	41.44 0.97 0.00	39.99 0.71 0.00	38.96 0.42 0.00	38.88 0.35 0.00	38.33 0.53 -0.28	39.87 0.66 -0.65	41.52 0.71 -1.19	44.07 0.88 -1.35	51.05 1.34 0.00	55.83 1.46 -0.11	57.13 1.66 0.00	57.64 2.06 0.00	55.77 1.78 0.00	48.61 1.60 0.00	40.63 1.41 0.00	35.25 1.45 0.00
HUNTINGTON_RES_REC 323705	46.54 2.85 -10.96	45.93 2.87 -14.92	44.88 2.66 -17.85	44.85 2.40 -20.44	44.90 2.66 -16.68	44.95 2.76 -10.40	45.73 3.15 -5.05	47.41 3.97 -3.39	46.42 4.09 -1.87	45.81 4.01 -2.51	35.06 4.04 7.52	26.66 4.16 16.04	44.81 3.90 -3.38	46.93 4.08 -4.29	51.58 4.08 -7.87	55.29 4.52 -8.93	54.93 5.22 -0.01	18.66 5.54 41.13	60.18 4.71 0.00	60.03 4.45 0.00	57.40 3.40 0.00	50.29 3.29 0.01	43.06 3.85 0.00	37.75 3.95 -0.01
HUNTLEY___63 23557	30.80 -1.93 0.00	26.17 -1.97 0.00	23.12 -1.24 0.00	20.98 -1.03 0.00	24.15 -1.41 0.00	30.30 -1.49 0.00	35.31 -2.21 0.00	37.09 -2.96 0.00	37.63 -2.83 0.00	36.58 -2.71 0.00	36.18 -2.35 0.00	35.95 -2.58 0.00	35.16 -2.36 0.00	35.97 -2.58 0.00	37.09 -2.54 0.00	38.91 -2.93 0.00	45.83 -3.83 0.04	50.13 -4.12 0.00	51.53 -3.94 0.00	52.02 -3.56 0.00	49.94 -4.05 0.00	43.34 -3.67 0.00	36.67 -2.55 0.00	32.10 -1.69 0.00
HUNTLEY___64 23558	30.80 -1.93 0.00	26.17 -1.97 0.00	23.12 -1.24 0.00	20.98 -1.03 0.00	24.15 -1.41 0.00	30.30 -1.49 0.00	35.31 -2.21 0.00	37.09 -2.96 0.00	37.63 -2.83 0.00	36.58 -2.71 0.00	36.18 -2.35 0.00	35.95 -2.58 0.00	35.16 -2.36 0.00	35.97 -2.58 0.00	37.09 -2.54 0.00	38.91 -2.93 0.00	45.83 -3.83 0.04	50.13 -4.12 0.00	51.53 -3.94 0.00	52.02 -3.56 0.00	49.94 -4.05 0.00	43.34 -3.67 0.00	36.67 -2.55 0.00	32.10 -1.69 0.00
HUNTLEY___65 23559	30.80 -1.93 0.00	26.17 -1.97 0.00	23.12 -1.24 0.00	20.98 -1.03 0.00	24.15 -1.41 0.00	30.30 -1.49 0.00	35.31 -2.21 0.00	37.09 -2.96 0.00	37.63 -2.83 0.00	36.58 -2.71 0.00	36.18 -2.35 0.00	35.95 -2.58 0.00	35.16 -2.36 0.00	35.97 -2.58 0.00	37.09 -2.54 0.00	38.91 -2.93 0.00	45.83 -3.83 0.04	50.13 -4.12 0.00	51.53 -3.94 0.00	52.02 -3.56 0.00	49.94 -4.05 0.00	43.34 -3.67 0.00	36.67 -2.55 0.00	32.10 -1.69 0.00
HUNTLEY___66 23560	30.80 -1.93 0.00	26.17 -1.97 0.00	23.12 -1.24 0.00	20.98 -1.03 0.00	24.15 -1.41 0.00	30.30 -1.49 0.00	35.31 -2.21 0.00	37.09 -2.96 0.00	37.63 -2.83 0.00	36.58 -2.71 0.00	36.18 -2.35 0.00	35.95 -2.58 0.00	35.16 -2.36 0.00	35.97 -2.58 0.00	37.09 -2.54 0.00	38.91 -2.93 0.00	45.83 -3.83 0.04	50.13 -4.12 0.00	51.53 -3.94 0.00	52.02 -3.56 0.00	49.94 -4.05 0.00	43.34 -3.67 0.00	36.67 -2.55 0.00	32.10 -1.69 0.00
HUNTLEY___67 23561	30.70 -2.03 0.00	26.12 -2.03 0.00	23.00 -1.36 0.00	20.89 -1.12 0.00	24.05 -1.51 0.00	30.23 -1.56 0.00	35.27 -2.25 0.00	37.05 -3.00 0.00	37.51 -2.95 0.00	36.50 -2.79 0.00	36.07 -2.47 0.00	35.87 -2.66 0.00	35.05 -2.48 0.00	35.86 -2.70 0.00	36.93 -2.69 0.00	38.79 -3.05 0.00	45.83 -3.83 0.05	49.97 -4.29 0.00	51.37 -4.10 0.00	51.91 -3.67 0.00	49.78 -4.21 0.00	43.25 -3.76 0.00	36.55 -2.67 0.00	32.04 -1.76 0.00
HUNTLEY___68 23562	30.70 -2.03 0.00	26.12 -2.03 0.00	23.00 -1.36 0.00	20.89 -1.12 0.00	24.05 -1.51 0.00	30.23 -1.56 0.00	35.27 -2.25 0.00	37.05 -3.00 0.00	37.51 -2.95 0.00	36.50 -2.79 0.00	36.07 -2.47 0.00	35.87 -2.66 0.00	35.05 -2.48 0.00	35.86 -2.70 0.00	36.93 -2.69 0.00	38.79 -3.05 0.00	45.83 -3.83 0.05	49.97 -4.29 0.00	51.37 -4.10 0.00	51.91 -3.67 0.00	49.78 -4.21 0.00	43.25 -3.76 0.00	36.55 -2.67 0.00	32.04 -1.76 0.00

HYLAND___LFGE 323620	32.73 0.00 0.00	27.89 -0.25 0.00	24.39 0.02 0.00	22.15 0.13 0.00	25.58 0.03 0.00	32.08 0.29 0.00	37.75 0.23 0.00	39.97 -0.08 0.00	40.06 -0.40 0.00	38.39 -0.90 0.00	37.57 -0.96 0.00	37.34 -1.19 0.00	36.25 -1.28 0.00	36.97 -1.58 0.00	38.12 -1.51 0.00	40.38 -1.47 0.00	48.19 -1.69 -0.17	53.55 -0.71 0.00	55.53 0.06 0.00	56.58 1.00 0.00	55.39 1.40 0.00	47.90 0.89 0.00	40.04 0.82 0.00	34.33 0.54 0.00
INDECK___CORINTH 23802	34.08 1.34 0.00	29.58 1.43 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.99 1.43 0.00	33.29 1.49 0.00	39.14 1.61 0.00	41.97 1.92 0.00	42.24 1.78 0.00	40.70 1.41 0.00	39.76 1.23 0.00	39.76 1.23 0.00	38.59 1.20 0.13	39.71 1.46 0.31	40.68 1.63 0.57	43.12 1.93 0.65	52.38 2.68 0.00	56.61 2.38 0.03	58.19 2.72 0.00	58.58 3.00 0.00	56.85 2.86 0.00	49.31 2.30 0.00	41.10 1.88 0.00	35.62 1.82 0.00
INDECK___ILION 23567	33.03 0.29 0.00	28.48 0.34 0.00	24.68 0.32 0.00	22.32 0.31 0.00	25.89 0.33 0.00	32.11 0.32 0.00	37.83 0.30 0.00	40.37 0.32 0.00	40.79 0.32 0.00	39.60 0.31 0.00	38.84 0.31 0.00	38.88 0.35 0.00	37.83 0.30 0.00	38.86 0.31 0.00	39.94 0.32 0.00	42.18 0.33 0.00	50.20 0.50 0.00	54.80 0.54 0.00	56.08 0.61 0.00	56.25 0.67 0.00	54.53 0.54 0.00	47.48 0.47 0.00	39.61 0.39 0.00	34.27 0.47 0.00
INDECK___OLEAN 23982	31.42 -1.31 0.00	26.79 -1.35 0.00	23.56 -0.80 0.00	21.38 -0.64 0.00	24.61 -0.95 0.00	30.77 -1.02 0.00	36.10 -1.43 0.00	38.37 -1.68 0.00	38.80 -1.66 0.00	37.75 -1.53 0.00	37.30 -1.23 0.00	37.03 -1.50 0.00	36.10 -1.43 0.00	36.78 -1.77 0.00	38.00 -1.63 0.00	40.04 -1.80 0.00	49.15 -0.55 0.01	51.98 -2.28 0.00	53.09 -2.38 0.00	53.41 -2.17 0.00	51.83 -2.16 0.00	44.94 -2.07 0.00	37.96 -1.26 0.00	33.02 -0.78 0.00
INDECK___OSWEGO 23783	31.98 -0.75 0.00	27.53 -0.62 0.00	23.90 -0.46 0.00	21.62 -0.40 0.00	25.02 -0.54 0.00	31.12 -0.67 0.00	36.66 -0.86 0.00	38.89 -1.16 0.00	39.29 -1.17 0.00	38.15 -1.14 0.00	37.45 -1.08 0.00	37.45 -1.08 0.00	36.48 -1.05 0.00	37.44 -1.12 0.00	38.51 -1.11 0.00	40.67 -1.17 0.00	48.21 -1.49 0.00	52.74 -1.52 0.00	53.92 -1.55 0.00	54.08 -1.50 0.00	52.54 -1.46 0.00	45.70 -1.32 0.00	38.20 -1.02 0.00	33.08 -0.71 0.00
INDECK___YERKES 23781	30.83 -1.90 0.00	26.20 -1.94 0.00	23.13 -1.24 0.00	21.00 -1.01 0.00	24.20 -1.36 0.00	30.27 -1.53 0.00	35.35 -2.18 0.00	37.13 -2.92 0.00	37.63 -2.83 0.00	36.61 -2.67 0.00	36.22 -2.31 0.00	35.99 -2.54 0.00	35.16 -2.36 0.00	35.90 -2.66 0.00	37.13 -2.49 0.00	38.95 -2.89 0.00	45.54 -4.12 0.04	50.08 -4.18 0.00	50.87 -4.60 0.00	51.25 -4.34 0.00	49.94 -4.05 0.00	43.39 -3.62 0.00	36.71 -2.51 0.00	32.07 -1.72 0.00
INDIAN POINT_GT_1 24139	34.50 1.77 0.00	30.11 1.97 0.00	26.19 1.83 0.00	23.64 1.63 0.00	27.32 1.76 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.53 2.48 0.00	43.14 2.67 0.00	42.04 2.75 0.00	41.27 2.74 0.00	41.38 2.85 0.00	42.21 2.85 -1.83	45.72 2.93 -4.23	50.33 3.01 -7.70	53.79 3.18 -8.77	53.65 3.93 -0.02	58.92 4.01 -0.65	59.52 4.05 0.00	59.81 4.22 0.00	57.02 3.02 0.00	49.74 2.73 0.00	41.81 2.59 0.00	36.43 2.64 0.00
INDIAN POINT_GT_2 23659	34.50 1.77 0.00	30.11 1.97 0.00	26.19 1.83 0.00	23.64 1.63 0.00	27.32 1.76 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.53 2.48 0.00	43.14 2.67 0.00	42.04 2.75 0.00	41.27 2.74 0.00	41.38 2.85 0.00	42.21 2.85 -1.83	45.72 2.93 -4.23	50.33 3.01 -7.70	53.79 3.18 -8.77	53.65 3.93 -0.02	58.92 4.01 -0.65	59.52 4.05 0.00	59.81 4.22 0.00	57.02 3.02 0.00	49.74 2.73 0.00	41.81 2.59 0.00	36.43 2.64 0.00
INDIAN POINT_GT_3 24019	34.50 1.77 0.00	30.11 1.97 0.00	26.19 1.83 0.00	23.64 1.63 0.00	27.32 1.76 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.53 2.48 0.00	43.14 2.67 0.00	42.04 2.75 0.00	41.27 2.74 0.00	41.38 2.85 0.00	42.21 2.85 -1.83	45.72 2.93 -4.23	50.33 3.01 -7.70	53.79 3.18 -8.77	53.65 3.93 -0.02	58.92 4.01 -0.65	59.52 4.05 0.00	59.81 4.22 0.00	57.02 3.02 0.00	49.74 2.73 0.00	41.81 2.59 0.00	36.43 2.64 0.00
INDIAN POINT___2 23530	34.50 1.77 0.00	30.09 1.94 0.00	26.17 1.80 0.00	23.64 1.63 0.00	27.32 1.76 0.00	33.47 1.68 0.00	39.44 1.91 0.00	42.53 2.48 0.00	43.14 2.67 0.00	42.00 2.71 0.00	41.27 2.74 0.00	41.38 2.85 0.00	42.13 2.82 -1.79	45.60 2.89 -4.15	50.14 2.97 -7.54	53.57 3.14 -8.59	53.61 3.88 -0.02	58.85 3.96 -0.64	59.29 3.82 0.00	59.36 3.78 0.00	57.01 3.02 0.00	49.69 2.68 0.00	41.77 2.55 0.00	36.43 2.64 0.00
INDIAN POINT___3 23531	34.47 1.73 0.00	30.09 1.94 0.00	26.17 1.80 0.00	23.62 1.61 0.00	27.30 1.74 0.00	33.48 1.68 0.00	39.40 1.88 0.00	42.49 2.44 0.00	43.10 2.63 0.00	41.96 2.67 0.00	41.23 2.70 0.00	41.31 2.77 0.00	42.14 2.78 -1.84	45.67 2.85 -4.26	50.30 2.93 -7.75	53.76 3.10 -8.82	53.55 3.83 -0.02	58.82 3.91 -0.66	59.35 3.88 0.00	59.69 4.11 0.00	56.96 2.97 0.00	49.64 2.63 0.00	41.73 2.51 0.00	36.40 2.60 0.00
INGHAM_C_115KV_TB7 356103	33.26 0.52 0.00	28.68 0.53 0.00	24.85 0.49 0.00	22.48 0.46 0.00	26.07 0.51 0.00	32.33 0.54 0.00	38.13 0.60 0.00	40.65 0.60 0.00	41.07 0.61 0.00	39.88 0.59 0.00	39.15 0.62 0.00	39.15 0.62 0.00	38.05 0.53 0.00	39.10 0.54 0.00	40.18 0.55 0.00	42.43 0.59 0.00	50.50 0.80 0.00	55.07 0.81 0.00	56.41 0.94 0.00	56.64 1.06 0.00	54.86 0.86 0.00	47.81 0.80 0.00	39.88 0.67 0.00	34.50 0.71 0.00
IP CORINTH___1 23988	34.07 1.34 0.00	29.58 1.44 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.99 1.43 0.00	33.29 1.49 0.00	39.14 1.61 0.00	41.97 1.92 0.00	42.25 1.78 0.00	40.70 1.41 0.00	39.76 1.23 0.00	39.76 1.23 0.00	38.59 1.20 0.13	39.71 1.47 0.31	40.68 1.62 0.57	43.12 1.92 0.65	52.29 2.58 0.00	56.61 2.39 0.03	58.30 2.83 0.00	58.80 3.22 0.00	56.80 2.81 0.00	49.31 2.30 0.00	41.10 1.88 0.00	35.65 1.86 0.00
IP___TICONDEROGA 23804	34.99 2.26 0.00	30.34 2.20 0.00	26.44 2.07 0.00	23.86 1.85 0.00	27.76 2.20 0.00	34.24 2.45 0.00	40.27 2.74 0.00	43.09 3.04 0.00	43.34 2.87 0.00	41.53 2.24 0.00	40.50 1.97 0.00	40.53 2.00 0.00	39.34 1.95 0.13	40.56 2.31 0.31	41.75 2.69 0.56	44.42 3.22 0.64	53.83 4.13 0.00	58.40 4.18 0.03	60.46 4.99 0.00	61.14 5.56 0.00	59.01 5.02 0.00	51.10 4.09 0.00	42.43 3.22 0.00	36.77 2.97 0.00
ISLIP_RES_REC 323679	47.22 3.50 -10.99	46.49 3.43 -14.92	45.34 3.12 -17.85	45.25 2.80 -20.44	45.35 3.12 -16.68	45.56 3.37 -10.40	46.48 3.90 -5.05	48.10 4.52 -3.52	47.25 4.81 -1.97	46.65 4.83 -2.53	60.10 4.70 -16.87	74.31 4.82 -30.97	45.66 4.73 -3.41	47.77 4.82 -4.40	52.47 4.95 -7.90	56.11 5.23 -9.04	55.95 6.21 -0.04	116.27 6.45 -55.56	61.24 5.77 0.00	61.08 5.50 0.00	58.42 4.43 0.00	51.25 4.23 -0.01	43.76 4.55 0.00	38.36 4.56 -0.01

JAMAICA__27_KV_LOAD 355505	34.82 2.09 0.01	30.42 2.28 0.00	26.58 2.22 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.79 2.00 0.00	40.00 2.48 0.00	43.33 3.28 0.00	43.99 3.52 0.00	42.90 3.61 0.00	42.08 3.54 0.00	42.38 3.85 0.00	43.19 3.79 -1.87	46.70 3.82 -4.33	51.50 4.00 -7.88	54.99 4.18 -8.97	54.90 5.17 -0.02	59.86 4.94 -0.67	60.41 4.94 0.00	60.64 5.06 0.00	57.66 3.67 0.00	50.54 3.53 0.00	42.59 3.37 0.00	37.14 3.35 0.00
JANIS__SOLAR 323808	33.88 1.15 0.00	29.16 1.01 0.00	25.29 0.93 0.00	22.87 0.86 0.00	26.50 0.95 0.00	33.06 1.27 0.00	39.07 1.54 0.00	41.49 1.44 0.00	41.76 1.29 0.00	40.23 0.94 0.00	39.49 0.96 0.00	39.49 0.96 0.00	38.45 0.86 -0.06	39.51 0.81 -0.14	40.95 1.07 -0.25	43.35 1.21 -0.29	51.56 1.84 -0.01	56.61 2.33 -0.02	58.24 2.77 0.00	58.69 3.11 0.00	56.96 2.97 0.00	49.41 2.40 0.00	41.10 1.88 0.00	35.55 1.76 0.00
JARVIS____ 23743	32.77 0.03 0.00	28.29 0.14 0.00	24.51 0.15 0.00	22.15 0.13 0.00	25.69 0.13 0.00	31.85 0.06 0.00	37.53 0.00 0.00	40.09 0.04 0.00	40.47 0.00 0.00	39.29 0.00 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.53 0.00 0.00	38.56 0.00 0.00	39.66 0.04 0.00	41.88 0.04 0.00	49.80 0.10 0.00	54.36 0.11 0.00	55.58 0.11 0.00	55.69 0.11 0.00	54.05 0.05 0.00	47.06 0.05 0.00	39.34 0.12 0.00	34.00 0.20 0.00
JENNISON____1 23625	34.01 1.28 0.00	29.33 1.18 0.00	25.44 1.07 0.00	23.01 0.99 0.00	26.66 1.10 0.00	33.16 1.37 0.00	39.10 1.58 0.00	41.73 1.68 0.00	42.16 1.70 0.00	40.82 1.53 0.00	40.19 1.66 0.00	40.23 1.70 0.00	39.14 1.54 -0.08	40.32 1.58 -0.18	41.73 1.78 -0.33	44.14 1.92 -0.37	52.49 2.78 0.00	57.27 2.98 -0.03	58.80 3.33 0.00	59.30 3.72 0.00	57.12 3.13 0.00	49.60 2.59 0.00	41.26 2.04 0.00	35.79 1.99 0.00
JENNISON____2 23626	34.01 1.28 0.00	29.33 1.18 0.00	25.44 1.07 0.00	23.01 0.99 0.00	26.66 1.10 0.00	33.16 1.37 0.00	39.10 1.58 0.00	41.73 1.68 0.00	42.16 1.70 0.00	40.82 1.53 0.00	40.19 1.66 0.00	40.23 1.70 0.00	39.14 1.54 -0.08	40.32 1.58 -0.18	41.73 1.78 -0.33	44.14 1.92 -0.37	52.49 2.78 0.00	57.27 2.98 -0.03	58.80 3.33 0.00	59.30 3.72 0.00	57.12 3.13 0.00	49.60 2.59 0.00	41.26 2.04 0.00	35.79 1.99 0.00
JERICOHO_RISE_WT_PWR 323719	32.90 0.16 0.00	27.92 -0.23 0.00	23.98 -0.39 0.00	21.62 -0.40 0.00	25.15 -0.41 0.00	31.70 -0.10 0.00	37.71 0.19 0.00	40.25 0.20 0.00	40.71 0.24 0.00	39.48 0.20 0.00	38.80 0.27 0.00	38.72 0.19 0.00	37.68 0.15 0.00	38.71 0.15 0.00	39.66 0.04 0.00	42.14 0.29 0.00	49.55 -0.15 0.00	54.36 0.11 0.00	55.69 0.22 0.00	55.69 0.11 0.00	54.26 0.27 0.00	47.25 0.24 0.00	39.06 -0.16 0.00	33.19 -0.61 0.00
KATONAH__115KV_46KV_TB4 355592	34.63 1.90 0.00	30.20 2.05 0.00	26.27 1.90 0.00	23.69 1.67 0.00	27.40 1.84 0.00	33.64 1.84 0.00	39.51 1.99 0.00	42.61 2.56 0.00	43.30 2.83 0.00	42.19 2.91 0.00	41.42 2.89 0.00	41.54 3.01 0.00	42.47 3.04 -1.91	46.09 3.12 -4.41	50.98 3.33 -8.03	54.45 3.47 -9.14	54.00 4.27 -0.03	59.28 4.34 -0.68	59.85 4.38 0.00	60.14 4.56 0.00	57.39 3.40 0.00	49.97 2.96 0.00	41.92 2.71 0.00	36.53 2.74 0.00
KCE_NY_1 323755	34.04 1.31 0.00	29.61 1.46 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.96 1.40 0.00	33.19 1.40 0.00	38.99 1.46 0.00	41.81 1.76 0.00	42.04 1.58 0.00	40.66 1.37 0.00	39.73 1.20 0.00	39.73 1.20 0.00	38.52 1.12 0.13	39.57 1.31 0.29	40.47 1.39 0.54	42.82 1.59 0.61	51.99 2.29 0.00	56.34 2.11 0.03	57.80 2.33 0.00	58.25 2.67 0.00	56.48 2.48 0.00	49.08 2.07 0.00	41.02 1.81 0.00	35.58 1.79 0.00
KCE_NY_6_ESR 323823	31.06 -1.67 0.00	26.40 -1.75 0.00	23.27 -1.10 0.00	21.11 -0.90 0.00	24.33 -1.23 0.00	30.46 -1.33 0.00	35.61 -1.91 0.00	37.53 -2.52 0.00	38.00 -2.47 0.00	36.97 -2.32 0.00	36.53 -2.01 0.00	36.30 -2.24 0.00	35.43 -2.10 0.00	36.13 -2.43 0.00	37.36 -2.26 0.00	39.25 -2.59 0.00	46.47 -3.18 0.05	50.67 -3.58 0.00	51.48 -3.99 0.00	51.91 -3.67 0.00	50.59 -3.40 0.00	43.96 -3.05 0.00	37.14 -2.08 0.00	32.41 -1.39 0.00
KEDC_PORT_JEFF_GT2 24210	47.03 3.30 -10.99	46.35 3.29 -14.92	45.24 3.00 -17.87	45.16 2.68 -20.46	45.25 2.99 -16.70	45.41 3.21 -10.41	46.27 3.68 -5.06	47.88 4.29 -3.54	46.98 4.53 -1.99	46.38 4.56 -2.54	62.90 4.39 -19.98	80.00 4.51 -36.96	45.36 4.43 -3.41	47.48 4.51 -4.41	52.16 4.63 -7.90	55.78 4.89 -9.05	55.55 5.81 -0.04	128.17 6.02 -67.89	60.80 5.33 0.00	60.64 5.06 0.00	57.99 4.00 0.00	50.88 3.86 -0.01	43.49 4.28 0.00	38.13 4.33 -0.01
KEDC_PORT_JEFF_GT3 24211	47.03 3.30 -10.99	46.35 3.29 -14.92	45.24 3.00 -17.87	45.16 2.68 -20.46	45.25 2.99 -16.70	45.41 3.21 -10.41	46.27 3.68 -5.06	47.88 4.29 -3.54	46.98 4.53 -1.99	46.38 4.56 -2.54	62.90 4.39 -19.98	80.00 4.51 -36.96	45.36 4.43 -3.41	47.48 4.51 -4.41	52.16 4.63 -7.90	55.78 4.89 -9.05	55.55 5.81 -0.04	128.17 6.02 -67.89	60.80 5.33 0.00	60.64 5.06 0.00	57.99 4.00 0.00	50.88 3.86 -0.01	43.49 4.28 0.00	38.13 4.33 -0.01
KEDC_GLWD_GT4 24219	46.17 2.46 -10.98	45.59 2.53 -14.92	42.23 2.29 -15.57	41.89 2.05 -17.82	42.35 2.25 -14.54	43.15 2.29 -9.07	44.56 2.63 -4.41	46.54 3.32 -3.17	45.74 3.52 -1.76	45.15 3.54 -2.32	44.89 3.58 -2.78	46.54 3.74 -4.28	44.64 3.72 -3.40	46.75 3.86 -4.34	51.47 3.96 -7.89	54.84 4.02 -8.98	54.55 4.82 -0.02	59.86 4.94 -0.67	60.02 4.55 0.00	59.92 4.34 0.00	57.45 3.46 0.00	50.40 3.39 0.00	42.59 3.37 0.00	37.18 3.38 -0.01
KEDC_GLWD_GT5 24220	46.17 2.46 -10.98	45.59 2.53 -14.92	42.23 2.29 -15.57	41.89 2.05 -17.82	42.35 2.25 -14.54	43.15 2.29 -9.07	44.56 2.63 -4.41	46.54 3.32 -3.17	45.74 3.52 -1.76	45.15 3.54 -2.32	44.89 3.58 -2.78	46.54 3.74 -4.28	44.64 3.72 -3.40	46.75 3.86 -4.34	51.47 3.96 -7.89	54.84 4.02 -8.98	54.55 4.82 -0.02	59.86 4.94 -0.67	60.02 4.55 0.00	59.92 4.34 0.00	57.45 3.46 0.00	50.40 3.39 0.00	42.59 3.37 0.00	37.18 3.38 -0.01
KENSICO____ 23655	34.63 1.90 0.00	30.23 2.08 0.00	26.29 1.93 0.00	23.73 1.72 0.00	27.45 1.89 0.00	33.60 1.81 0.00	39.59 2.06 0.00	42.73 2.68 0.00	43.34 2.87 0.00	42.19 2.91 0.00	41.46 2.93 0.00	41.57 3.04 0.00	42.43 3.04 -1.86	46.00 3.12 -4.32	50.68 3.21 -7.85	54.13 3.35 -8.94	53.85 4.13 -0.02	59.15 4.23 -0.67	59.69 4.22 0.00	59.97 4.39 0.00	57.18 3.19 0.00	49.88 2.87 0.00	41.92 2.71 0.00	36.57 2.77 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.70 1.96 0.00	30.23 2.08 0.00	26.24 1.88 0.00	23.71 1.70 0.00	27.42 1.87 0.00	33.70 1.91 0.00	39.63 2.10 0.00	42.73 2.68 0.00	43.30 2.83 0.00	42.12 2.83 0.00	41.31 2.77 0.00	41.31 2.77 0.00	41.76 2.78 -1.46	44.78 2.85 -3.37	48.72 2.97 -6.13	52.04 3.22 -6.98	53.85 4.13 -0.02	59.12 4.34 -0.52	59.96 4.49 0.00	60.31 4.72 0.00	57.61 3.62 0.00	50.30 3.29 0.00	42.16 2.94 0.00	36.67 2.87 0.00

KIAC_JFK_GT1 23816	34.62 1.90 0.01	30.26 2.11 0.00	26.44 2.07 0.00	23.86 1.85 0.00	27.55 1.99 0.00	33.64 1.84 0.00	39.81 2.29 0.00	43.09 3.04 0.00	43.74 3.28 0.00	42.67 3.38 0.00	41.81 3.28 0.00	42.15 3.62 0.00	42.96 3.57 -1.87	46.43 3.55 -4.33	51.22 3.72 -7.88	54.70 3.89 -8.97	54.55 4.82 -0.02	59.48 4.56 -0.67	60.02 4.55 0.00	60.25 4.67 0.00	57.29 3.29 0.00	50.21 3.20 0.00	42.36 3.14 0.00	36.94 3.14 0.00
KIAC_JFK_GT2 23817	34.62 1.90 0.01	30.26 2.11 0.00	26.44 2.07 0.00	23.86 1.85 0.00	27.55 1.99 0.00	33.64 1.84 0.00	39.81 2.29 0.00	43.09 3.04 0.00	43.74 3.28 0.00	42.67 3.38 0.00	41.81 3.28 0.00	42.15 3.62 0.00	42.96 3.57 -1.87	46.43 3.55 -4.33	51.22 3.72 -7.88	54.70 3.89 -8.97	54.55 4.82 -0.02	59.48 4.56 -0.67	60.02 4.55 0.00	60.25 4.67 0.00	57.29 3.29 0.00	50.21 3.20 0.00	42.36 3.14 0.00	36.94 3.14 0.00
KIAC_JFK____ 323774	34.62 1.90 0.01	30.26 2.11 0.00	26.44 2.07 0.00	23.86 1.85 0.00	27.55 1.99 0.00	33.63 1.84 0.00	39.82 2.29 0.00	43.09 3.04 0.00	43.74 3.28 0.00	42.67 3.38 0.00	41.80 3.27 0.00	42.15 3.62 0.00	42.96 3.57 -1.87	46.43 3.54 -4.33	51.22 3.72 -7.88	54.70 3.89 -8.97	54.55 4.82 -0.02	59.70 4.78 -0.67	60.07 4.60 0.00	60.03 4.45 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.36 3.14 0.00	36.94 3.14 0.00
KINTIGH__24_KV_GSU 356498	30.83 -1.90 0.00	26.29 -1.86 0.00	23.10 -1.27 0.00	20.98 -1.03 0.00	24.18 -1.38 0.00	30.36 -1.43 0.00	35.46 -2.06 0.00	37.29 -2.76 0.00	37.75 -2.71 0.00	36.73 -2.55 0.00	36.26 -2.27 0.00	36.06 -2.47 0.00	35.27 -2.25 0.00	36.13 -2.43 0.00	37.20 -2.42 0.00	39.08 -2.76 0.00	45.60 -4.08 0.03	50.35 -3.91 0.00	51.70 -3.77 0.00	52.13 -3.45 0.00	50.10 -3.89 0.00	43.49 -3.53 0.00	36.67 -2.55 0.00	32.07 -1.72 0.00
KINTIGH____ 23543	30.83 -1.90 0.00	26.29 -1.86 0.00	23.10 -1.27 0.00	20.98 -1.03 0.00	24.18 -1.38 0.00	30.36 -1.43 0.00	35.46 -2.06 0.00	37.29 -2.76 0.00	37.75 -2.71 0.00	36.73 -2.55 0.00	36.26 -2.27 0.00	36.06 -2.47 0.00	35.27 -2.25 0.00	36.13 -2.43 0.00	37.20 -2.42 0.00	39.08 -2.76 0.00	45.60 -4.08 0.03	50.35 -3.91 0.00	51.70 -3.77 0.00	52.13 -3.45 0.00	50.10 -3.89 0.00	43.49 -3.53 0.00	36.67 -2.55 0.00	32.07 -1.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.42 0.69 0.00	28.34 0.20 0.00	24.37 0.00 0.00	21.95 -0.07 0.00	25.51 -0.05 0.00	32.14 0.35 0.00	38.28 0.75 0.00	40.85 0.80 0.00	41.27 0.81 0.00	40.03 0.75 0.00	39.38 0.85 0.00	39.26 0.73 0.00	38.16 0.64 0.00	39.25 0.69 0.00	40.18 0.55 0.00	42.72 0.88 0.00	50.25 0.55 0.00	55.23 0.98 0.00	56.36 0.89 0.00	56.25 0.67 0.00	55.13 1.13 0.00	48.00 0.99 0.00	39.69 0.47 0.00	33.66 -0.14 0.00
LACHUTE____HYDRO 323717	34.99 2.26 0.00	30.34 2.20 0.00	26.44 2.07 0.00	23.86 1.85 0.00	27.76 2.20 0.00	34.27 2.48 0.00	40.26 2.74 0.00	43.09 3.04 0.00	43.34 2.87 0.00	41.53 2.24 0.00	40.50 1.96 0.00	40.53 2.00 0.00	39.34 1.95 0.13	40.56 2.31 0.31	41.72 2.65 0.56	44.42 3.22 0.64	53.92 4.22 0.00	58.46 4.23 0.03	60.29 4.82 0.00	60.92 5.34 0.00	59.07 5.07 0.00	51.10 4.09 0.00	42.43 3.22 0.00	36.77 2.97 0.00
LAWRNCALV_115KV_TB1 80681	32.08 -0.65 0.00	27.19 -0.96 0.00	23.32 -1.05 0.00	21.00 -1.01 0.00	24.43 -1.12 0.00	30.81 -0.99 0.00	36.96 -0.56 0.00	39.41 -0.64 0.00	39.78 -0.69 0.00	38.54 -0.75 0.00	37.91 -0.62 0.00	37.84 -0.69 0.00	36.78 -0.75 0.00	37.82 -0.73 0.00	38.79 -0.83 0.00	41.09 -0.75 0.00	48.31 -1.39 0.00	53.11 -1.14 0.00	54.25 -1.22 0.00	54.08 -1.50 0.00	53.18 -0.81 0.00	46.26 -0.75 0.00	38.24 -0.98 0.00	32.44 -1.35 0.00
LEDERLE____ 23769	34.60 1.87 0.00	30.17 2.03 0.00	26.22 1.85 0.00	23.69 1.67 0.00	27.37 1.81 0.00	33.57 1.78 0.00	39.55 2.03 0.00	42.69 2.64 0.00	43.30 2.83 0.00	42.19 2.91 0.00	41.42 2.89 0.00	41.50 2.97 0.00	42.21 2.93 -1.75	45.63 3.01 -4.06	50.14 3.13 -7.39	53.56 3.31 -8.41	53.85 4.13 -0.02	59.11 4.23 -0.63	59.74 4.27 0.00	60.08 4.50 0.00	57.23 3.24 0.00	49.93 2.91 0.00	41.92 2.71 0.00	36.53 2.74 0.00
LIGHTHSE_115KV_TB6 355974	32.44 -0.29 0.00	27.86 -0.28 0.00	24.17 -0.19 0.00	21.84 -0.18 0.00	25.28 -0.28 0.00	31.41 -0.38 0.00	37.08 -0.45 0.00	39.33 -0.72 0.00	39.74 -0.73 0.00	38.58 -0.71 0.00	37.91 -0.62 0.00	37.91 -0.62 0.00	36.89 -0.64 0.00	37.86 -0.69 0.00	38.99 -0.63 0.00	41.21 -0.63 0.00	48.91 -0.80 0.00	53.55 -0.71 0.00	54.97 -0.50 0.00	55.30 -0.28 0.00	53.56 -0.43 0.00	46.49 -0.52 0.00	38.86 -0.35 0.00	33.59 -0.20 0.00
LINDEN COGEN____ 23786	34.73 2.00 0.00	30.31 2.17 0.00	26.39 2.02 0.00	23.82 1.81 0.00	27.50 1.94 0.00	33.63 1.84 0.00	39.66 2.14 0.00	42.85 2.80 0.00	43.54 3.07 0.00	42.43 3.14 0.01	41.69 3.16 0.01	40.74 3.35 1.14	41.73 3.34 -0.86	45.81 3.43 -3.83	50.84 3.49 -7.73	54.36 3.55 -8.97	54.15 4.42 -0.02	59.42 4.50 -0.67	59.80 4.33 0.00	59.75 4.17 0.00	57.29 3.29 0.00	50.02 3.05 0.05	41.09 2.98 1.11	36.79 3.01 0.01
LINDHRST_69_KV_BK1 356055	46.79 3.08 -10.98	46.16 3.10 -14.92	44.68 2.80 -17.51	44.59 2.53 -20.05	44.70 2.79 -16.36	44.95 2.96 -10.20	45.90 3.41 -4.96	47.47 4.01 -3.41	46.65 4.29 -1.90	46.10 4.32 -2.49	46.97 4.20 -4.23	49.53 4.32 -6.69	45.24 4.32 -3.40	47.30 4.40 -4.35	51.99 4.48 -7.89	55.55 4.73 -8.98	55.39 5.67 -0.03	65.68 5.81 -5.63	60.85 5.38 0.00	60.97 5.39 0.00	57.88 3.89 0.00	50.82 3.81 0.00	43.45 4.24 0.00	38.03 4.22 -0.01
LIPA_MISC_IPP 23656	47.25 3.54 -10.99	46.55 3.49 -14.92	45.40 3.14 -17.89	45.33 2.84 -20.48	45.44 3.17 -16.71	45.64 3.43 -10.42	46.57 3.98 -5.06	48.15 4.57 -3.53	47.25 4.82 -1.97	46.66 4.83 -2.54	60.59 4.70 -17.36	75.24 4.82 -31.90	45.55 4.62 -3.41	47.66 4.70 -4.40	52.27 4.75 -7.90	55.94 5.06 -9.04	55.65 5.91 -0.03	117.80 6.08 -57.47	60.85 5.38 0.00	60.97 5.39 0.00	57.88 3.89 0.00	50.83 3.81 -0.01	43.45 4.24 0.00	38.06 4.26 -0.01
LISF____SOLAR 323691	47.35 3.63 -10.99	46.64 3.57 -14.92	45.47 3.22 -17.88	45.37 2.88 -20.47	45.48 3.22 -16.70	45.70 3.50 -10.41	46.61 4.02 -5.06	48.26 4.68 -3.53	47.37 4.93 -1.97	46.77 4.95 -2.54	60.91 4.82 -17.56	75.72 4.89 -32.29	45.62 4.69 -3.41	47.74 4.78 -4.40	52.39 4.87 -7.90	56.02 5.14 -9.04	55.80 6.06 -0.04	118.83 6.29 -58.28	60.91 5.44 0.00	60.75 5.17 0.00	58.15 4.16 0.00	50.97 3.95 -0.01	43.53 4.31 0.00	38.16 4.36 -0.01
LITTLE FALLS____HYD 24013	33.26 0.52 0.00	28.68 0.53 0.00	24.85 0.49 0.00	22.48 0.46 0.00	26.07 0.51 0.00	32.33 0.54 0.00	38.13 0.60 0.00	40.65 0.60 0.00	41.07 0.61 0.00	39.88 0.59 0.00	39.15 0.62 0.00	39.15 0.62 0.00	38.05 0.53 0.00	39.10 0.54 0.00	40.18 0.55 0.00	42.43 0.59 0.00	50.50 0.80 0.00	55.07 0.81 0.00	56.41 0.94 0.00	56.64 1.06 0.00	54.86 0.86 0.00	47.81 0.80 0.00	39.88 0.67 0.00	34.50 0.71 0.00

LITTLRIV_115KV_TB1 356100	32.47 -0.26 0.00	27.50 -0.65 0.00	23.56 -0.80 0.00	21.20 -0.81 0.00	24.69 -0.87 0.00	31.16 -0.64 0.00	37.38 -0.15 0.00	39.81 -0.24 0.00	40.10 -0.36 0.00	38.78 -0.51 0.00	38.11 -0.42 0.00	38.03 -0.50 0.00	36.93 -0.60 0.00	38.02 -0.54 0.00	39.03 -0.59 0.00	41.38 -0.46 0.00	48.76 -0.94 0.00	53.66 -0.60 0.00	54.97 -0.50 0.00	54.91 -0.67 0.00	54.05 0.05 0.00	46.96 -0.05 0.00	38.75 -0.47 0.00	32.85 -0.95 0.00
LI_NEWBRDGE___DRP 323616	46.26 2.55 -10.98	45.71 2.65 -14.92	44.91 2.44 -18.10	44.92 2.18 -20.72	44.87 2.40 -16.91	44.81 2.48 -10.54	45.46 2.81 -5.12	46.97 3.44 -3.47	46.08 3.68 -1.93	45.53 3.69 -2.55	45.24 3.66 -3.05	46.58 3.78 -4.28	44.64 3.72 -3.40	46.75 3.86 -4.34	51.47 3.96 -7.89	55.00 4.18 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	60.02 4.55 0.00	60.19 4.61 0.00	57.07 3.08 0.00	50.07 3.06 0.00	42.63 3.41 0.00	37.28 3.48 -0.01
LOCKPORT_115KV_TB60_63_64 80432	30.51 -2.23 0.00	25.92 -2.22 0.00	22.86 -1.51 0.00	20.76 -1.25 0.00	23.90 -1.66 0.00	30.04 -1.75 0.00	35.01 -2.51 0.00	36.77 -3.28 0.00	37.23 -3.24 0.00	36.22 -3.06 0.00	35.80 -2.74 0.00	35.56 -2.97 0.00	34.75 -2.78 0.00	35.59 -2.97 0.00	36.65 -2.97 0.00	38.49 -3.35 0.00	45.24 -4.42 0.04	49.59 -4.67 0.00	50.98 -4.49 0.00	51.52 -4.06 0.00	49.46 -4.54 0.00	42.92 -4.09 0.00	36.32 -2.90 0.00	31.80 -1.99 0.00
LOCKPORT___CC1 323769	30.54 -2.19 0.00	25.95 -2.20 0.00	22.88 -1.49 0.00	20.78 -1.23 0.00	23.97 -1.58 0.00	30.01 -1.78 0.00	35.05 -2.48 0.00	36.81 -3.24 0.00	37.27 -3.20 0.00	36.22 -3.06 0.00	35.80 -2.73 0.00	35.60 -2.93 0.00	34.79 -2.74 0.00	35.47 -3.09 0.00	36.69 -2.93 0.00	38.49 -3.35 0.00	45.04 -4.62 0.04	49.53 -4.72 0.00	50.31 -5.16 0.00	50.69 -4.89 0.00	49.46 -4.54 0.00	42.92 -4.09 0.00	36.32 -2.90 0.00	31.77 -2.03 0.00
LOCKPORT___CC2 323770	30.54 -2.19 0.00	25.95 -2.20 0.00	22.88 -1.49 0.00	20.78 -1.23 0.00	23.97 -1.58 0.00	30.01 -1.78 0.00	35.05 -2.48 0.00	36.81 -3.24 0.00	37.27 -3.20 0.00	36.22 -3.06 0.00	35.80 -2.73 0.00	35.60 -2.93 0.00	34.79 -2.74 0.00	35.47 -3.09 0.00	36.69 -2.93 0.00	38.49 -3.35 0.00	45.04 -4.62 0.04	49.53 -4.72 0.00	50.31 -5.16 0.00	50.69 -4.89 0.00	49.46 -4.54 0.00	42.92 -4.09 0.00	36.32 -2.90 0.00	31.77 -2.03 0.00
LOCKPORT___CC3 323771	30.54 -2.19 0.00	25.95 -2.20 0.00	22.88 -1.49 0.00	20.78 -1.23 0.00	23.97 -1.58 0.00	30.01 -1.78 0.00	35.05 -2.48 0.00	36.81 -3.24 0.00	37.27 -3.20 0.00	36.22 -3.06 0.00	35.80 -2.73 0.00	35.60 -2.93 0.00	34.79 -2.74 0.00	35.47 -3.09 0.00	36.69 -2.93 0.00	38.49 -3.35 0.00	45.04 -4.62 0.04	49.53 -4.72 0.00	50.31 -5.16 0.00	50.69 -4.89 0.00	49.46 -4.54 0.00	42.92 -4.09 0.00	36.32 -2.90 0.00	31.77 -2.03 0.00
LOCUSVLY_69_KV_BK2 55797	46.33 2.62 -10.98	45.76 2.70 -14.92	43.00 2.44 -16.19	42.75 2.20 -18.54	43.11 2.43 -15.13	43.70 2.48 -9.43	44.96 2.85 -4.58	46.94 3.64 -3.24	46.07 3.80 -1.80	45.47 3.81 -2.38	45.27 3.89 -2.84	46.81 4.01 -4.28	44.83 3.90 -3.40	46.98 4.09 -4.34	51.67 4.16 -7.89	55.21 4.39 -8.98	54.90 5.17 -0.02	60.29 5.37 -0.67	60.41 4.94 0.00	60.58 5.00 0.00	57.56 3.56 0.00	50.49 3.48 0.00	42.87 3.65 0.00	37.45 3.65 -0.01
LONG_LAKE_PHOENIX 24014	32.11 -0.62 0.00	27.64 -0.51 0.00	24.00 -0.37 0.00	21.71 -0.31 0.00	25.15 -0.41 0.00	31.28 -0.51 0.00	36.85 -0.68 0.00	39.09 -0.96 0.00	39.57 -0.89 0.00	38.42 -0.86 0.00	37.68 -0.85 0.00	37.68 -0.85 0.00	36.74 -0.79 0.00	37.75 -0.81 0.00	38.79 -0.83 0.00	40.96 -0.88 0.00	48.61 -1.09 0.00	53.17 -1.09 0.00	54.42 -1.05 0.00	54.69 -0.89 0.00	52.91 -1.08 0.00	45.98 -1.03 0.00	38.43 -0.78 0.00	33.29 -0.51 0.00
LOVETT___3 23632	34.47 1.73 0.00	30.06 1.91 0.00	26.15 1.78 0.00	23.60 1.59 0.00	27.30 1.74 0.00	33.44 1.65 0.00	39.36 1.84 0.00	42.49 2.44 0.00	43.05 2.59 0.00	41.96 2.67 0.00	41.19 2.66 0.00	41.31 2.77 0.00	42.04 2.74 -1.78	45.49 2.81 -4.12	50.00 2.89 -7.49	53.42 3.05 -8.53	53.50 3.78 -0.02	58.74 3.85 -0.64	59.35 3.88 0.00	59.69 4.11 0.00	56.91 2.92 0.00	49.64 2.63 0.00	41.73 2.51 0.00	36.36 2.57 0.00
LOVETT___4 23642	34.47 1.73 0.00	30.06 1.91 0.00	26.15 1.78 0.00	23.60 1.59 0.00	27.30 1.74 0.00	33.44 1.65 0.00	39.36 1.84 0.00	42.49 2.44 0.00	43.05 2.59 0.00	41.96 2.67 0.00	41.19 2.66 0.00	41.31 2.77 0.00	42.04 2.74 -1.78	45.49 2.81 -4.12	50.00 2.89 -7.49	53.42 3.05 -8.53	53.50 3.78 -0.02	58.74 3.85 -0.64	59.35 3.88 0.00	59.69 4.11 0.00	56.91 2.92 0.00	49.64 2.63 0.00	41.73 2.51 0.00	36.36 2.57 0.00
LOVETT___5 23593	34.47 1.73 0.00	30.06 1.91 0.00	26.15 1.78 0.00	23.60 1.59 0.00	27.30 1.74 0.00	33.44 1.65 0.00	39.36 1.84 0.00	42.49 2.44 0.00	43.05 2.59 0.00	41.96 2.67 0.00	41.19 2.66 0.00	41.31 2.77 0.00	42.04 2.74 -1.78	45.49 2.81 -4.12	50.00 2.89 -7.49	53.42 3.05 -8.53	53.50 3.78 -0.02	58.74 3.85 -0.64	59.35 3.88 0.00	59.69 4.11 0.00	56.91 2.92 0.00	49.64 2.63 0.00	41.73 2.51 0.00	36.36 2.57 0.00
LOWER RAQUET___HYD 24057	31.92 -0.82 0.00	27.05 -1.10 0.00	23.17 -1.19 0.00	20.87 -1.15 0.00	24.28 -1.28 0.00	30.65 -1.14 0.00	36.74 -0.79 0.00	39.17 -0.88 0.00	39.54 -0.93 0.00	38.27 -1.02 0.00	37.65 -0.88 0.00	37.61 -0.93 0.00	36.52 -1.01 0.00	37.55 -1.00 0.00	38.51 -1.11 0.00	40.84 -1.00 0.00	48.01 -1.69 0.00	52.79 -1.46 0.00	54.25 -1.22 0.00	54.30 -1.28 0.00	52.96 -1.03 0.00	46.02 -0.99 0.00	38.00 -1.22 0.00	32.27 -1.52 0.00
LOWER___HUDSON 24059	33.62 0.88 0.00	29.30 1.15 0.00	25.49 1.12 0.00	23.05 1.03 0.00	26.68 1.12 0.00	32.78 0.99 0.00	38.50 0.97 0.00	41.33 1.28 0.00	41.48 1.01 0.00	40.15 0.86 0.00	39.15 0.61 0.00	39.15 0.61 0.00	37.99 0.56 0.10	38.98 0.65 0.23	39.84 0.63 0.41	42.04 0.67 0.47	50.94 1.24 0.00	55.28 1.03 0.00	56.58 1.11 0.00	57.08 1.50 0.00	55.39 1.40 0.00	48.19 1.18 0.00	40.43 1.22 0.00	35.08 1.28 0.00
LOWVILLE_115KV_TB2 356335	32.83 0.10 0.00	28.03 -0.11 0.00	24.17 -0.19 0.00	21.82 -0.20 0.00	25.33 -0.23 0.00	31.54 -0.25 0.00	37.34 -0.19 0.00	39.73 -0.32 0.00	40.10 -0.36 0.00	38.78 -0.51 0.00	38.11 -0.42 0.00	38.15 -0.39 0.00	36.96 -0.56 0.00	37.90 -0.66 0.00	39.03 -0.59 0.00	41.34 -0.50 0.00	49.26 -0.45 0.00	54.25 0.00 0.00	55.80 0.33 0.00	55.97 0.39 0.00	54.37 0.38 0.00	47.01 0.00 0.00	39.02 -0.20 0.00	33.63 -0.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.01 1.28 0.00	29.58 1.44 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.96 1.41 0.00	33.16 1.37 0.00	38.99 1.46 0.00	41.81 1.76 0.00	42.04 1.58 0.00	40.62 1.34 0.00	39.69 1.16 0.00	39.69 1.16 0.00	38.53 1.13 0.13	39.53 1.27 0.29	40.47 1.39 0.54	42.78 1.55 0.61	51.84 2.14 0.00	56.29 2.06 0.03	57.86 2.39 0.00	58.42 2.83 0.00	56.42 2.43 0.00	49.03 2.02 0.00	40.98 1.76 0.00	35.55 1.76 0.00

LUTHERNY_35_KV_BK2 355980	34.04 1.31 0.00	29.61 1.46 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.96 1.41 0.00	33.19 1.40 0.00	38.99 1.46 0.00	41.81 1.76 0.00	42.04 1.58 0.00	40.66 1.38 0.00	39.73 1.19 0.00	39.73 1.19 0.00	38.53 1.13 0.13	39.57 1.31 0.29	40.47 1.39 0.54	42.82 1.59 0.61	51.84 2.14 0.00	56.29 2.06 0.03	57.91 2.44 0.00	58.42 2.83 0.00	56.48 2.48 0.00	49.08 2.07 0.00	41.02 1.80 0.00	35.59 1.79 0.00
LWR___OSWEGATCHIE_HYD 23850	32.01 -0.72 0.00	27.27 -0.87 0.00	23.44 -0.93 0.00	21.13 -0.88 0.00	24.56 -1.00 0.00	30.74 -1.05 0.00	36.66 -0.86 0.00	39.05 -1.00 0.00	39.37 -1.09 0.00	38.11 -1.18 0.00	37.45 -1.08 0.00	37.45 -1.08 0.00	36.36 -1.16 0.00	37.36 -1.20 0.00	38.39 -1.23 0.00	40.67 -1.17 0.00	48.11 -1.59 0.00	52.95 -1.30 0.00	54.36 -1.11 0.00	54.41 -1.17 0.00	53.18 -0.81 0.00	46.12 -0.89 0.00	38.20 -1.02 0.00	32.65 -1.15 0.00
LYONS_FALL_HYD 23570	32.99 0.26 0.00	28.29 0.14 0.00	24.44 0.07 0.00	22.06 0.04 0.00	25.56 0.00 0.00	31.82 0.03 0.00	37.64 0.11 0.00	40.09 0.04 0.00	40.47 0.00 0.00	39.21 -0.08 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.41 -0.11 0.00	38.40 -0.15 0.00	39.54 -0.08 0.00	41.84 0.00 0.00	49.85 0.15 0.00	54.69 0.43 0.00	56.14 0.67 0.00	56.30 0.72 0.00	54.69 0.70 0.00	47.39 0.37 0.00	39.38 0.16 0.00	34.00 0.20 0.00
MADISON___COUNTY_LFGE 323628	33.39 0.65 0.00	28.76 0.62 0.00	24.93 0.56 0.00	22.52 0.51 0.00	26.12 0.56 0.00	32.46 0.67 0.00	38.31 0.79 0.00	40.81 0.76 0.00	41.19 0.73 0.00	39.92 0.63 0.00	39.22 0.69 0.00	39.22 0.69 0.00	38.16 0.64 0.00	39.21 0.66 0.00	40.41 0.79 0.00	42.68 0.84 0.00	50.90 1.19 0.00	55.66 1.41 0.00	57.08 1.61 0.00	57.36 1.78 0.00	55.56 1.57 0.00	48.23 1.22 0.00	40.16 0.94 0.00	34.74 0.95 0.00
MALONE___115KV_TB1 356076	32.99 0.26 0.00	27.95 -0.20 0.00	24.00 -0.37 0.00	21.62 -0.40 0.00	25.12 -0.43 0.00	31.70 -0.10 0.00	37.86 0.34 0.00	40.37 0.32 0.00	40.79 0.32 0.00	39.56 0.28 0.00	38.92 0.39 0.00	38.80 0.27 0.00	37.75 0.23 0.00	38.79 0.23 0.00	39.70 0.08 0.00	42.18 0.33 0.00	49.65 -0.05 0.00	54.58 0.33 0.00	55.69 0.22 0.00	55.58 0.00 0.00	54.53 0.54 0.00	47.43 0.42 0.00	39.18 -0.04 0.00	33.19 -0.61 0.00
MAPLEWOD_115KV_TB3 80458	33.42 0.69 0.00	29.21 1.07 0.00	25.41 1.05 0.00	22.96 0.95 0.00	26.61 1.05 0.00	32.55 0.76 0.00	38.24 0.71 0.00	41.01 0.96 0.00	41.27 0.81 0.00	39.99 0.71 0.00	39.07 0.54 0.00	39.11 0.58 0.00	37.99 0.56 0.10	38.95 0.62 0.23	39.88 0.67 0.41	42.04 0.67 0.47	50.70 0.99 0.00	55.05 0.81 0.02	56.47 1.00 0.00	56.97 1.39 0.00	55.02 1.03 0.00	47.90 0.89 0.00	40.16 0.94 0.00	34.91 1.12 0.00
MAPLE_RIDGE_WT_1 323574	32.51 -0.23 0.00	27.84 -0.31 0.00	24.03 -0.34 0.00	21.66 -0.35 0.00	25.15 -0.41 0.00	31.35 -0.45 0.00	37.11 -0.41 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.27 0.00	38.26 -0.27 0.00	38.18 -0.35 0.00	37.15 -0.38 0.00	38.17 -0.39 0.00	39.23 -0.40 0.00	41.55 -0.29 0.00	49.21 -0.50 0.00	53.82 -0.44 0.00	55.08 -0.39 0.00	55.30 -0.28 0.00	53.67 -0.32 0.00	46.73 -0.28 0.00	38.95 -0.27 0.00	33.52 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	32.51 -0.23 0.00	27.84 -0.31 0.00	24.03 -0.34 0.00	21.66 -0.35 0.00	25.15 -0.41 0.00	31.35 -0.45 0.00	37.11 -0.41 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.27 0.00	38.26 -0.27 0.00	38.18 -0.35 0.00	37.15 -0.38 0.00	38.17 -0.39 0.00	39.23 -0.40 0.00	41.55 -0.29 0.00	49.21 -0.50 0.00	53.82 -0.44 0.00	55.08 -0.39 0.00	55.30 -0.28 0.00	53.67 -0.32 0.00	46.73 -0.28 0.00	38.95 -0.27 0.00	33.52 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	32.93 0.20 0.00	27.98 -0.17 0.00	24.05 -0.32 0.00	21.68 -0.33 0.00	25.23 -0.33 0.00	31.76 -0.03 0.00	37.79 0.26 0.00	40.29 0.24 0.00	40.75 0.29 0.00	39.56 0.28 0.00	38.84 0.31 0.00	38.76 0.23 0.00	37.72 0.19 0.00	38.79 0.23 0.00	39.74 0.12 0.00	42.17 0.33 0.00	49.65 -0.05 0.00	54.47 0.22 0.00	55.75 0.28 0.00	55.80 0.22 0.00	54.32 0.33 0.00	47.29 0.28 0.00	39.14 -0.08 0.00	33.29 -0.51 0.00
MARSHVLE_115KV_TB1 80742	34.24 1.51 0.00	29.61 1.46 0.00	25.73 1.36 0.00	23.25 1.23 0.00	27.02 1.46 0.00	33.44 1.65 0.00	39.25 1.73 0.00	41.73 1.68 0.00	42.04 1.58 0.00	40.54 1.26 0.00	39.73 1.19 0.00	39.80 1.27 0.00	38.66 1.24 0.10	39.66 1.35 0.24	40.69 1.51 0.44	43.10 1.76 0.50	52.09 2.39 0.00	56.62 2.39 0.02	58.58 3.11 0.00	59.47 3.89 0.00	57.61 3.62 0.00	49.97 2.96 0.00	41.49 2.27 0.00	35.89 2.10 0.00
MARSH_HILL_WT_PWR 323713	32.01 -0.72 0.00	27.27 -0.87 0.00	23.88 -0.49 0.00	21.60 -0.42 0.00	24.92 -0.64 0.00	31.22 -0.57 0.00	36.74 -0.79 0.00	39.05 -1.00 0.00	39.45 -1.01 0.00	38.11 -1.18 0.00	37.57 -0.96 0.00	37.34 -1.19 0.00	36.29 -1.24 0.00	36.82 -1.73 0.00	37.88 -1.74 0.00	40.00 -1.84 0.00	47.93 -1.94 -0.17	52.41 -1.84 0.00	53.97 -1.50 0.00	54.86 -0.72 0.00	53.45 -0.54 0.00	46.50 -0.52 0.00	38.95 -0.27 0.00	33.73 -0.07 0.00
MCINTYRE_115KV_TB2 80467	32.86 0.13 0.00	27.84 -0.31 0.00	23.83 -0.54 0.00	21.46 -0.55 0.00	25.00 -0.56 0.00	31.57 -0.22 0.00	37.86 0.34 0.00	40.29 0.24 0.00	40.55 0.08 0.00	39.17 -0.12 0.00	38.45 -0.08 0.00	38.38 -0.15 0.00	37.26 -0.26 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.76 -0.08 0.00	49.26 -0.45 0.00	54.25 0.00 0.00	55.64 0.17 0.00	55.58 0.00 0.00	54.80 0.81 0.00	47.62 0.61 0.00	39.26 0.04 0.00	33.25 -0.54 0.00
MECO_____69_KV_BK1 80468	34.73 2.00 0.00	30.06 1.91 0.00	26.12 1.75 0.00	23.62 1.61 0.00	27.45 1.89 0.00	33.92 2.13 0.00	39.85 2.33 0.00	42.49 2.44 0.00	42.69 2.23 0.00	41.09 1.81 0.00	40.23 1.70 0.00	40.26 1.73 0.00	39.09 1.69 0.12	40.16 1.89 0.28	41.17 2.06 0.51	43.73 2.47 0.58	53.03 3.33 0.00	57.70 3.47 0.03	59.63 4.16 0.00	60.42 4.84 0.00	58.42 4.43 0.00	50.68 3.67 0.00	42.08 2.86 0.00	36.40 2.60 0.00
MENANDS___115KV_TB5 355628	33.29 0.56 0.00	29.10 0.96 0.00	25.34 0.97 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.43 0.64 0.00	38.05 0.53 0.00	40.85 0.80 0.00	41.07 0.61 0.00	39.84 0.55 0.00	38.92 0.39 0.00	38.92 0.39 0.00	37.84 0.41 0.10	38.79 0.46 0.23	39.69 0.48 0.41	41.79 0.42 0.47	50.40 0.70 0.00	54.72 0.49 0.02	56.14 0.67 0.00	56.58 1.00 0.00	54.69 0.70 0.00	47.62 0.61 0.00	39.96 0.75 0.00	34.74 0.95 0.00
MG INDUSTRY___DRP 24185	33.35 0.62 0.00	29.07 0.93 0.00	25.27 0.90 0.00	22.85 0.84 0.00	26.48 0.92 0.00	32.46 0.67 0.00	38.09 0.56 0.00	40.77 0.72 0.00	40.99 0.53 0.00	39.72 0.43 0.00	38.80 0.27 0.00	38.84 0.31 0.00	37.86 0.34 0.00	38.94 0.39 0.00	40.06 0.44 0.00	42.34 0.50 0.00	50.45 0.75 0.00	54.85 0.60 0.00	56.19 0.72 0.00	56.64 1.06 0.00	54.75 0.76 0.00	47.72 0.71 0.00	40.00 0.78 0.00	34.74 0.95 0.00

MID___OSWEGATCHIE_HYD 23849	32.01 -0.72 0.00	27.27 -0.87 0.00	23.44 -0.93 0.00	21.13 -0.88 0.00	24.56 -1.00 0.00	30.74 -1.05 0.00	36.66 -0.86 0.00	39.05 -1.00 0.00	39.37 -1.09 0.00	38.11 -1.18 0.00	37.45 -1.08 0.00	37.45 -1.08 0.00	36.36 -1.16 0.00	37.36 -1.20 0.00	38.39 -1.23 0.00	40.67 -1.17 0.00	48.11 -1.59 0.00	52.95 -1.30 0.00	54.36 -1.11 0.00	54.41 -1.17 0.00	53.18 -0.81 0.00	46.12 -0.89 0.00	38.20 -1.02 0.00	32.65 -1.15 0.00
MID___RAQUETTE_HYD 23851	31.91 -0.82 0.00	27.05 -1.10 0.00	23.17 -1.19 0.00	20.87 -1.14 0.00	24.28 -1.28 0.00	30.61 -1.18 0.00	36.74 -0.79 0.00	39.17 -0.88 0.00	39.53 -0.93 0.00	38.27 -1.02 0.00	37.64 -0.89 0.00	37.61 -0.92 0.00	36.51 -1.01 0.00	37.55 -1.00 0.00	38.51 -1.11 0.00	40.84 -1.00 0.00	48.01 -1.69 0.00	52.79 -1.46 0.00	53.92 -1.55 0.00	53.80 -1.78 0.00	52.91 -1.08 0.00	46.02 -0.99 0.00	38.00 -1.22 0.00	32.24 -1.55 0.00
MILLIKEN___1 23584	33.16 0.43 0.00	28.51 0.37 0.00	24.78 0.41 0.00	22.41 0.40 0.00	25.97 0.41 0.00	32.33 0.54 0.00	38.13 0.60 0.00	40.61 0.56 0.00	40.99 0.53 0.00	39.72 0.43 0.00	38.99 0.46 0.00	38.95 0.42 0.00	37.94 0.41 0.00	38.94 0.39 0.00	40.10 0.48 0.00	42.39 0.54 0.00	50.51 0.80 -0.01	55.18 0.92 0.00	56.69 1.22 0.00	57.14 1.56 0.00	55.13 1.13 0.00	47.86 0.85 0.00	39.96 0.75 0.00	34.57 0.78 0.00
MILLIKEN___2 23585	33.16 0.43 0.00	28.51 0.37 0.00	24.78 0.41 0.00	22.41 0.40 0.00	25.97 0.41 0.00	32.33 0.54 0.00	38.13 0.60 0.00	40.61 0.56 0.00	40.99 0.53 0.00	39.72 0.43 0.00	38.99 0.46 0.00	38.95 0.42 0.00	37.94 0.41 0.00	38.94 0.39 0.00	40.10 0.48 0.00	42.39 0.54 0.00	50.51 0.80 -0.01	55.18 0.92 0.00	56.69 1.22 0.00	57.14 1.56 0.00	55.13 1.13 0.00	47.86 0.85 0.00	39.96 0.75 0.00	34.57 0.78 0.00
MILLIKEN___DIESEL 23629	33.16 0.43 0.00	28.51 0.37 0.00	24.78 0.41 0.00	22.41 0.40 0.00	25.97 0.41 0.00	32.33 0.54 0.00	38.13 0.60 0.00	40.61 0.56 0.00	40.99 0.53 0.00	39.72 0.43 0.00	38.99 0.46 0.00	38.95 0.42 0.00	37.94 0.41 0.00	38.94 0.39 0.00	40.10 0.48 0.00	42.39 0.54 0.00	50.51 0.80 -0.01	55.18 0.92 0.00	56.69 1.22 0.00	57.14 1.56 0.00	55.13 1.13 0.00	47.86 0.85 0.00	39.96 0.75 0.00	34.57 0.78 0.00
MILLSEAT___LFGE 323607	31.16 -1.57 0.00	26.51 -1.63 0.00	23.32 -1.05 0.00	21.18 -0.84 0.00	24.46 -1.10 0.00	30.65 -1.14 0.00	35.88 -1.65 0.00	37.85 -2.20 0.00	38.32 -2.15 0.00	37.24 -2.04 0.00	36.72 -1.81 0.00	36.49 -2.04 0.00	35.69 -1.84 0.00	36.40 -2.16 0.00	37.64 -1.98 0.00	39.54 -2.30 0.00	46.29 -3.38 0.03	51.11 -3.15 0.00	52.08 -3.39 0.00	52.58 -3.00 0.00	51.29 -2.70 0.00	44.43 -2.59 0.00	37.45 -1.76 0.00	32.48 -1.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.53 1.80 0.00	30.14 2.00 0.00	26.19 1.83 0.00	23.67 1.65 0.00	27.35 1.79 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.57 2.52 0.00	43.18 2.71 0.00	42.04 2.75 0.00	41.31 2.77 0.00	41.42 2.89 0.00	42.26 2.89 -1.84	45.75 2.93 -4.26	50.42 3.05 -7.75	53.89 3.22 -8.82	53.70 3.98 -0.02	58.93 4.01 -0.66	59.52 4.05 0.00	59.81 4.22 0.00	57.07 3.08 0.00	49.78 2.77 0.00	41.81 2.59 0.00	36.46 2.67 0.00
MILLWOOD_13_KV_LOAD 356217	34.60 1.87 0.00	30.17 2.03 0.00	26.24 1.88 0.00	23.69 1.67 0.00	27.40 1.84 0.00	33.57 1.78 0.00	39.51 1.99 0.00	42.61 2.56 0.00	43.26 2.79 0.00	42.12 2.83 0.00	41.38 2.85 0.00	41.50 2.97 0.00	42.33 2.96 -1.84	45.86 3.05 -4.26	50.58 3.21 -7.75	54.01 3.35 -8.82	53.85 4.13 -0.02	59.14 4.23 -0.66	59.74 4.27 0.00	60.03 4.45 0.00	57.23 3.24 0.00	49.88 2.87 0.00	41.88 2.67 0.00	36.50 2.70 0.00
MODEL_CITY_ENERGY 24167	30.21 -2.52 0.00	25.67 -2.48 0.00	22.64 -1.73 0.00	20.56 -1.45 0.00	23.72 -1.84 0.00	29.73 -2.07 0.00	34.71 -2.82 0.00	36.37 -3.68 0.00	36.86 -3.60 0.00	35.83 -3.46 0.00	35.41 -3.12 0.00	35.22 -3.31 0.00	34.41 -3.11 0.00	35.09 -3.47 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.59 -5.07 0.04	48.99 -5.26 0.00	49.70 -5.77 0.00	50.08 -5.50 0.00	48.81 -5.18 0.00	42.41 -4.61 0.00	35.88 -3.33 0.00	31.43 -2.37 0.00
MODERN_LFGE___ 323580	30.21 -2.52 0.00	25.67 -2.48 0.00	22.64 -1.73 0.00	20.56 -1.45 0.00	23.72 -1.84 0.00	29.73 -2.07 0.00	34.71 -2.82 0.00	36.37 -3.68 0.00	36.86 -3.60 0.00	35.83 -3.46 0.00	35.41 -3.12 0.00	35.22 -3.31 0.00	34.41 -3.11 0.00	35.09 -3.47 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.59 -5.07 0.04	48.99 -5.26 0.00	49.70 -5.77 0.00	50.08 -5.50 0.00	48.81 -5.18 0.00	42.41 -4.61 0.00	35.88 -3.33 0.00	31.43 -2.37 0.00
MOHAWK_PAPER___DRP 24187	33.42 0.69 0.00	29.21 1.07 0.00	25.41 1.05 0.00	22.96 0.95 0.00	26.61 1.05 0.00	32.55 0.76 0.00	38.24 0.71 0.00	41.01 0.96 0.00	41.27 0.81 0.00	39.99 0.71 0.00	39.07 0.54 0.00	39.11 0.58 0.00	37.99 0.56 0.10	38.95 0.62 0.23	39.88 0.67 0.41	42.04 0.67 0.47	50.70 0.99 0.00	55.05 0.81 0.02	56.47 1.00 0.00	56.97 1.39 0.00	55.02 1.03 0.00	47.90 0.89 0.00	40.16 0.94 0.00	34.91 1.12 0.00
MOHICAN___35_KV_115KV_LD 80490	34.27 1.54 0.00	29.75 1.60 0.00	25.90 1.54 0.00	23.38 1.36 0.00	27.17 1.61 0.00	33.48 1.68 0.00	39.36 1.84 0.00	42.21 2.16 0.00	42.45 1.98 0.00	40.86 1.57 0.00	39.92 1.39 0.00	39.92 1.39 0.00	38.71 1.31 0.13	39.83 1.58 0.31	40.85 1.78 0.56	43.34 2.13 0.63	52.53 2.83 0.00	56.83 2.60 0.03	58.52 3.05 0.00	59.08 3.50 0.00	57.07 3.08 0.00	49.55 2.54 0.00	41.30 2.08 0.00	35.82 2.03 0.00
MONGAUP___HYD 23641	34.21 1.47 0.00	29.78 1.63 0.00	25.85 1.49 0.00	23.36 1.34 0.00	27.01 1.46 0.00	33.25 1.46 0.00	39.07 1.54 0.00	41.65 1.60 0.00	42.12 1.66 0.00	40.66 1.37 0.00	39.84 1.31 0.00	39.84 1.31 0.00	40.42 1.31 -1.58	43.57 1.35 -3.67	47.71 1.42 -6.67	51.02 1.59 -7.59	51.96 2.24 -0.02	57.15 2.33 -0.57	57.85 2.38 0.00	58.08 2.50 0.00	55.99 2.00 0.00	49.08 2.07 0.00	41.10 1.88 0.00	36.02 2.23 0.00
MONTAUK___DIESEL 23721	48.33 4.62 -10.99	47.48 4.42 -14.92	46.17 3.92 -17.88	46.03 3.54 -20.47	46.23 3.96 -16.71	46.62 4.42 -10.41	47.77 5.18 -5.06	49.63 6.05 -3.53	48.71 6.27 -1.97	48.03 6.21 -2.54	62.19 6.20 -17.46	76.90 6.28 -32.09	46.94 6.00 -3.41	49.12 6.17 -4.40	53.86 6.34 -7.90	57.61 6.74 -9.04	57.64 7.90 -0.03	120.48 8.36 -57.87	63.12 7.65 0.00	63.25 7.67 0.00	59.98 5.99 0.00	52.76 5.74 -0.01	44.90 5.69 0.00	39.21 5.41 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.29 -1.44 0.00	26.48 -1.66 0.00	23.30 -1.07 0.00	21.13 -0.88 0.00	24.25 -1.30 0.00	30.55 -1.24 0.00	35.87 -1.65 0.00	38.01 -2.04 0.00	38.68 -1.78 0.00	37.75 -1.53 0.00	37.30 -1.23 0.00	36.87 -1.66 0.00	35.88 -1.65 0.00	36.67 -1.89 0.00	37.68 -1.94 0.00	39.87 -1.97 0.00	47.98 -1.69 0.04	52.14 -2.12 0.00	53.92 -1.55 0.00	54.75 -0.83 0.00	52.43 -1.57 0.00	45.41 -1.60 0.00	38.20 -1.02 0.00	33.08 -0.71 0.00

MORRIS_RIDGE___SOLAR 323848	31.59 -1.15 0.00	26.94 -1.21 0.00	23.61 -0.76 0.00	21.38 -0.64 0.00	24.64 -0.92 0.00	30.77 -1.02 0.00	36.18 -1.35 0.00	38.33 -1.72 0.00	38.77 -1.70 0.00	37.44 -1.85 0.00	36.95 -1.58 0.00	36.72 -1.81 0.00	35.69 -1.84 0.00	36.24 -2.31 0.00	37.28 -2.34 0.00	39.33 -2.51 0.00	46.63 -2.83 0.24	51.22 -3.04 0.00	52.53 -2.94 0.00	53.41 -2.17 0.00	52.10 -1.89 0.00	45.32 -1.69 0.00	38.12 -1.10 0.00	33.15 -0.64 0.00
MORTIMER_115KV_TB3 55949	31.55 -1.18 0.00	26.96 -1.18 0.00	23.56 -0.80 0.00	21.40 -0.62 0.00	24.71 -0.84 0.00	30.96 -0.83 0.00	36.33 -1.20 0.00	38.41 -1.64 0.00	38.93 -1.54 0.00	37.83 -1.45 0.00	37.22 -1.31 0.00	37.11 -1.43 0.00	36.29 -1.24 0.00	37.21 -1.35 0.00	38.27 -1.35 0.00	40.29 -1.55 0.00	47.22 -2.49 0.00	52.14 -2.12 0.00	53.53 -1.94 0.00	53.91 -1.67 0.00	51.99 -2.00 0.00	45.08 -1.93 0.00	37.85 -1.37 0.00	32.81 -0.98 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.83 2.09 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.89 1.87 0.00	27.58 2.02 0.00	33.76 1.97 0.00	39.78 2.25 0.00	42.93 2.88 0.00	43.62 3.16 0.00	42.47 3.18 0.00	41.73 3.20 0.00	41.88 3.35 0.00	42.74 3.34 -1.87	46.32 3.43 -4.33	51.02 3.53 -7.88	54.49 3.68 -8.97	54.25 4.52 -0.02	59.54 4.61 -0.67	60.02 4.55 0.00	60.31 4.72 0.00	57.45 3.46 0.00	50.16 3.15 0.00	42.20 2.98 0.00	36.84 3.04 0.00
MUNSVILLE_WIND_PWR 323609	34.73 2.00 0.00	29.95 1.80 0.00	25.93 1.56 0.00	23.47 1.45 0.00	27.17 1.61 0.00	33.89 2.10 0.00	40.04 2.51 0.00	42.62 2.57 0.00	42.97 2.51 0.00	41.49 2.20 0.00	40.92 2.39 0.00	40.96 2.43 0.00	39.77 2.18 -0.07	40.95 2.24 -0.16	42.49 2.57 -0.29	45.06 2.88 -0.33	53.79 4.08 -0.01	58.95 4.67 -0.03	60.63 5.16 0.00	60.97 5.39 0.00	59.18 5.18 0.00	51.24 4.23 0.00	42.43 3.22 0.00	36.80 3.01 0.00
N SALMON___HYD 24042	32.99 0.26 0.00	27.95 -0.20 0.00	24.00 -0.36 0.00	21.62 -0.40 0.00	25.10 -0.46 0.00	31.70 -0.10 0.00	37.86 0.34 0.00	40.37 0.32 0.00	40.79 0.32 0.00	39.56 0.28 0.00	38.92 0.39 0.00	38.80 0.27 0.00	37.75 0.23 0.00	38.79 0.23 0.00	39.70 0.08 0.00	42.17 0.33 0.00	49.65 -0.05 0.00	54.58 0.33 0.00	55.91 0.44 0.00	56.02 0.44 0.00	54.53 0.54 0.00	47.43 0.42 0.00	39.18 -0.04 0.00	33.25 -0.54 0.00
N.AKRON__115KV_KNAPP 355671	31.10 -1.64 0.00	26.43 -1.72 0.00	23.27 -1.10 0.00	21.13 -0.88 0.00	24.38 -1.18 0.00	30.65 -1.14 0.00	35.80 -1.73 0.00	37.73 -2.32 0.00	38.24 -2.23 0.00	37.13 -2.16 0.00	36.60 -1.93 0.00	36.37 -2.16 0.00	35.58 -1.95 0.00	36.40 -2.16 0.00	37.52 -2.10 0.00	39.41 -2.43 0.00	46.34 -3.33 0.03	50.94 -3.31 0.00	52.47 -3.00 0.00	53.08 -2.50 0.00	51.08 -2.92 0.00	44.24 -2.77 0.00	37.30 -1.92 0.00	32.44 -1.35 0.00
N.E_GEN_SANDY PD 24062	33.62 0.88 0.00	32.75 1.27 -3.34	31.10 1.22 -5.51	30.10 1.10 -6.99	30.10 1.20 -3.34	33.30 0.99 -0.52	38.50 0.97 0.00	41.73 1.36 -0.32	41.08 0.93 0.32	40.07 0.79 0.00	39.00 0.46 0.00	38.96 0.42 0.00	37.97 0.34 -0.11	39.20 0.39 -0.26	40.37 0.28 -0.47	42.54 0.17 -0.53	50.60 0.90 0.00	54.90 0.60 -0.05	56.19 0.72 0.00	56.86 1.28 0.00	55.18 1.19 0.00	48.00 0.99 0.00	40.43 1.22 0.00	35.11 1.32 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.50 1.77 0.00	30.09 1.94 0.00	26.17 1.80 0.00	23.64 1.63 0.00	27.32 1.76 0.00	33.48 1.68 0.00	39.40 1.88 0.00	42.53 2.48 0.00	43.10 2.63 0.00	42.00 2.71 0.00	41.23 2.70 0.00	41.31 2.77 0.00	42.07 2.78 -1.77	45.50 2.85 -4.09	49.99 2.93 -7.43	53.44 3.14 -8.46	53.60 3.88 -0.02	58.85 3.96 -0.63	59.46 3.99 0.00	59.75 4.17 0.00	57.02 3.02 0.00	49.74 2.73 0.00	41.81 2.59 0.00	36.43 2.64 0.00
N.QUEENS_27_KV_LOAD 356247	34.93 2.19 0.00	30.63 2.48 -0.01	26.51 2.14 0.00	23.93 1.92 0.00	27.60 2.04 0.00	33.57 1.78 0.00	39.51 1.99 0.00	42.69 2.64 0.00	43.34 2.87 0.00	42.27 2.99 0.00	41.54 3.01 0.00	41.77 3.24 0.00	42.62 3.23 -1.87	46.20 3.32 -4.33	50.91 3.41 -7.88	54.37 3.56 -8.97	54.10 4.37 -0.02	59.37 4.45 -0.67	59.91 4.44 0.00	60.14 4.56 0.00	57.23 3.24 0.00	49.88 2.87 0.00	41.96 2.75 0.00	36.60 2.80 0.00
N.TROY___115KV_TB1 355778	33.62 0.88 0.00	29.30 1.15 0.00	25.49 1.12 0.00	23.05 1.03 0.00	26.68 1.12 0.00	32.74 0.95 0.00	38.50 0.98 0.00	41.33 1.28 0.00	41.48 1.01 0.00	40.15 0.86 0.00	39.15 0.62 0.00	39.15 0.62 0.00	37.99 0.56 0.10	38.98 0.66 0.23	39.84 0.63 0.41	42.04 0.67 0.47	50.80 1.09 0.00	55.18 0.92 0.00	56.75 1.28 0.00	57.30 1.72 0.00	55.40 1.40 0.00	48.19 1.18 0.00	40.43 1.22 0.00	35.11 1.32 0.00
NARROWS_GT1_1 24228	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT1_2 24229	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT1_3 24230	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT1_4 24231	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT1_5 24232	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06

NARROWS_GT1_6 24233	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT1_7 24234	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT1_8 24235	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT2_1 24236	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT2_2 24237	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT2_3 24238	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT2_4 24239	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT2_5 24240	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT2_6 24241	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT2_7 24242	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NARROWS_GT2_8 24243	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.75 1.01 0.00	29.47 1.32 0.00	25.61 1.24 0.00	23.16 1.14 0.00	26.84 1.28 0.00	32.87 1.08 0.00	38.54 1.01 0.00	41.29 1.24 0.00	41.44 0.97 0.00	39.99 0.71 0.00	38.96 0.42 0.00	38.88 0.35 0.00	38.33 0.53 -0.28	39.87 0.66 -0.65	41.52 0.71 -1.19	44.07 0.88 -1.35	51.05 1.34 0.00	55.83 1.46 -0.11	57.13 1.66 0.00	57.64 2.06 0.00	55.77 1.78 0.00	48.61 1.60 0.00	40.63 1.41 0.00	35.25 1.45 0.00
NCHELSEA_115KV_TR2 355582	34.60 1.87 0.00	30.17 2.03 0.00	26.22 1.85 0.00	23.69 1.67 0.00	27.40 1.84 0.00	33.60 1.81 0.00	39.48 1.95 0.00	42.57 2.52 0.00	43.18 2.71 0.00	42.04 2.75 0.00	41.23 2.70 0.00	41.27 2.74 0.00	42.06 2.74 -1.79	45.53 2.81 -4.16	50.11 2.93 -7.56	53.62 3.18 -8.60	53.70 3.98 -0.02	58.97 4.07 -0.64	59.63 4.16 0.00	59.92 4.34 0.00	57.29 3.29 0.00	49.97 2.96 0.00	41.92 2.71 0.00	36.50 2.70 0.00
NEG CAPITAL___MECHNVIL 23645	34.04 1.31 0.00	29.64 1.49 0.00	25.78 1.41 0.00	23.27 1.25 0.00	26.99 1.43 0.00	33.22 1.43 0.00	39.03 1.50 0.00	41.85 1.80 0.00	42.09 1.62 0.00	40.70 1.41 0.00	39.76 1.23 0.00	39.76 1.23 0.00	38.57 1.16 0.12	39.63 1.35 0.27	40.55 1.42 0.50	42.86 1.59 0.57	52.04 2.34 0.00	56.40 2.17 0.03	57.85 2.38 0.00	58.30 2.72 0.00	56.53 2.54 0.00	49.13 2.12 0.00	41.06 1.84 0.00	35.62 1.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.23 -1.51 0.00	26.71 -1.43 0.00	23.32 -1.05 0.00	21.16 -0.86 0.00	24.49 -1.07 0.00	30.58 -1.21 0.00	35.95 -1.57 0.00	38.09 -1.96 0.00	38.64 -1.82 0.00	37.56 -1.73 0.00	36.95 -1.58 0.00	36.84 -1.69 0.00	36.02 -1.50 0.00	36.86 -1.70 0.00	38.00 -1.63 0.00	40.04 -1.80 0.00	46.77 -2.93 0.00	51.76 -2.49 0.00	52.81 -2.66 0.00	53.08 -2.50 0.00	51.67 -2.32 0.00	44.80 -2.21 0.00	37.53 -1.69 0.00	32.44 -1.35 0.00

NEG CENTRAL___DRP 24199	32.44 -0.29 0.00	27.84 -0.31 0.00	24.25 -0.12 0.00	21.93 -0.09 0.00	25.38 -0.18 0.00	31.70 -0.10 0.00	37.34 -0.19 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	38.93 -0.35 0.00	38.26 -0.27 0.00	38.18 -0.35 0.00	37.23 -0.30 0.00	38.13 -0.42 0.00	39.23 -0.40 0.00	41.42 -0.42 0.00	49.07 -0.65 -0.02	53.66 -0.60 0.00	55.14 -0.33 0.00	55.64 0.06 0.00	53.67 -0.32 0.00	46.68 -0.33 0.00	39.02 -0.20 0.00	33.76 -0.03 0.00
NEG CENTRAL___INDECK 23768	32.47 -0.26 0.00	27.69 -0.45 0.00	24.22 -0.15 0.00	21.97 -0.04 0.00	25.38 -0.18 0.00	31.82 0.03 0.00	37.41 -0.11 0.00	39.65 -0.40 0.00	39.98 -0.48 0.00	38.58 -0.71 0.00	37.88 -0.66 0.00	37.68 -0.85 0.00	36.70 -0.83 0.00	37.44 -1.12 0.00	38.59 -1.03 0.00	40.75 -1.09 0.00	48.34 -1.54 -0.17	53.44 -0.81 0.00	55.02 -0.45 0.00	55.80 0.22 0.00	54.53 0.54 0.00	47.20 0.19 0.00	39.49 0.28 0.00	34.00 0.20 0.00
NEG CENTRAL___SENECA 23627	32.47 -0.26 0.00	27.84 -0.31 0.00	24.27 -0.10 0.00	21.97 -0.04 0.00	25.43 -0.13 0.00	31.79 0.00 0.00	37.41 -0.11 0.00	39.81 -0.24 0.00	40.30 -0.16 0.00	39.05 -0.24 0.00	38.38 -0.15 0.00	38.26 -0.27 0.00	37.30 -0.23 0.00	38.21 -0.35 0.00	39.30 -0.32 0.00	41.46 -0.38 0.00	49.13 -0.60 -0.03	53.77 -0.49 0.00	55.30 -0.17 0.00	55.91 0.33 0.00	53.83 -0.16 0.00	46.87 -0.14 0.00	39.22 0.00 0.00	33.93 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	32.54 -0.20 0.00	27.95 -0.20 0.00	24.29 -0.07 0.00	21.99 -0.02 0.00	25.46 -0.10 0.00	31.73 -0.06 0.00	37.45 -0.08 0.00	39.81 -0.24 0.00	40.26 -0.20 0.00	39.01 -0.28 0.00	38.34 -0.19 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.41 -0.06 0.00	55.75 0.17 0.00	53.88 -0.11 0.00	46.82 -0.19 0.00	39.10 -0.12 0.00	33.79 0.00 0.00
NEG MILLWOOD___DRP 24198	34.70 1.96 0.00	30.26 2.11 0.00	26.29 1.93 0.00	23.73 1.72 0.00	27.45 1.89 0.00	33.73 1.94 0.00	39.59 2.06 0.00	42.69 2.64 0.00	43.38 2.91 0.00	42.23 2.95 0.00	41.50 2.97 0.00	41.57 3.04 0.00	42.46 3.08 -1.86	46.02 3.16 -4.31	50.82 3.37 -7.83	54.31 3.56 -8.91	54.15 4.42 -0.02	59.42 4.50 -0.67	60.07 4.60 0.00	60.42 4.84 0.00	57.66 3.67 0.00	50.21 3.20 0.00	42.04 2.82 0.00	36.60 2.80 0.00
NEG NORTH_FLCN_SEA 23793	33.29 0.56 0.00	28.26 0.11 0.00	24.29 -0.07 0.00	21.88 -0.13 0.00	25.43 -0.13 0.00	32.05 0.25 0.00	38.16 0.64 0.00	40.69 0.64 0.00	41.15 0.69 0.00	39.92 0.63 0.00	39.22 0.69 0.00	39.15 0.62 0.00	38.09 0.56 0.00	39.13 0.58 0.00	40.10 0.48 0.00	42.59 0.75 0.00	50.10 0.40 0.00	55.01 0.76 0.00	56.08 0.61 0.00	55.97 0.39 0.00	54.86 0.86 0.00	47.76 0.75 0.00	39.53 0.31 0.00	33.56 -0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	32.99 0.26 0.00	27.98 -0.17 0.00	24.05 -0.32 0.00	21.66 -0.35 0.00	25.20 -0.36 0.00	31.76 -0.03 0.00	37.83 0.30 0.00	40.33 0.28 0.00	40.75 0.28 0.00	39.56 0.28 0.00	38.84 0.31 0.00	38.72 0.19 0.00	37.68 0.15 0.00	38.75 0.19 0.00	39.70 0.08 0.00	42.13 0.29 0.00	49.60 -0.10 0.00	54.47 0.22 0.00	55.58 0.11 0.00	55.41 -0.17 0.00	54.37 0.38 0.00	47.34 0.33 0.00	39.18 -0.04 0.00	33.25 -0.54 0.00
NEG NORTH___ALICE_FALLS 23915	33.42 0.69 0.00	28.34 0.20 0.00	24.37 0.00 0.00	21.95 -0.07 0.00	25.51 -0.05 0.00	32.14 0.35 0.00	38.28 0.75 0.00	40.85 0.80 0.00	41.27 0.81 0.00	40.03 0.75 0.00	39.38 0.85 0.00	39.26 0.73 0.00	38.16 0.64 0.00	39.25 0.69 0.00	40.18 0.55 0.00	42.72 0.88 0.00	50.25 0.55 0.00	55.23 0.98 0.00	56.36 0.89 0.00	56.25 0.67 0.00	55.13 1.13 0.00	48.00 0.99 0.00	39.69 0.47 0.00	33.66 -0.14 0.00
NEG NORTH___LWR_SARANAC 23913	33.42 0.69 0.00	28.34 0.20 0.00	24.37 0.00 0.00	21.95 -0.07 0.00	25.51 -0.05 0.00	32.14 0.35 0.00	38.28 0.75 0.00	40.85 0.80 0.00	41.27 0.81 0.00	40.03 0.75 0.00	39.38 0.85 0.00	39.26 0.73 0.00	38.16 0.64 0.00	39.25 0.69 0.00	40.18 0.55 0.00	42.72 0.88 0.00	50.25 0.55 0.00	55.23 0.98 0.00	56.36 0.89 0.00	56.25 0.67 0.00	55.13 1.13 0.00	48.00 0.99 0.00	39.69 0.47 0.00	33.66 -0.14 0.00
NEG NORTH___PLATTSBURG 23628	33.42 0.69 0.00	28.34 0.20 0.00	24.37 0.00 0.00	21.95 -0.07 0.00	25.48 -0.08 0.00	32.14 0.35 0.00	38.28 0.75 0.00	40.85 0.80 0.00	41.27 0.81 0.00	40.03 0.74 0.00	39.38 0.85 0.00	39.26 0.73 0.00	38.20 0.68 0.00	39.25 0.69 0.00	40.18 0.55 0.00	42.72 0.88 0.00	50.30 0.60 0.00	55.23 0.98 0.00	56.58 1.11 0.00	56.63 1.05 0.00	55.13 1.14 0.00	48.00 0.99 0.00	39.69 0.47 0.00	33.73 -0.07 0.00
NEG WEST_LEA_LOCKPORT 23791	30.54 -2.19 0.00	25.95 -2.20 0.00	22.88 -1.49 0.00	20.78 -1.23 0.00	23.92 -1.64 0.00	30.07 -1.72 0.00	35.05 -2.48 0.00	36.81 -3.24 0.00	37.27 -3.20 0.00	36.22 -3.06 0.00	35.80 -2.74 0.00	35.60 -2.93 0.00	34.79 -2.74 0.00	35.59 -2.97 0.00	36.69 -2.93 0.00	38.49 -3.35 0.00	45.24 -4.42 0.04	49.59 -4.67 0.00	50.98 -4.49 0.00	51.52 -4.06 0.00	49.46 -4.54 0.00	42.92 -4.09 0.00	36.32 -2.90 0.00	31.83 -1.96 0.00
NEG WEST___LANCASTR 23811	31.06 -1.67 0.00	26.46 -1.69 0.00	23.30 -1.07 0.00	21.13 -0.88 0.00	24.33 -1.23 0.00	30.49 -1.30 0.00	35.65 -1.88 0.00	37.73 -2.32 0.00	38.20 -2.27 0.00	37.17 -2.12 0.00	36.72 -1.81 0.00	36.49 -2.04 0.00	35.61 -1.91 0.00	36.40 -2.16 0.00	37.52 -2.10 0.00	39.50 -2.34 0.00	48.72 -0.94 0.04	51.11 -3.15 0.00	52.64 -2.83 0.00	53.30 -2.28 0.00	50.91 -3.08 0.00	44.19 -2.82 0.00	37.34 -1.88 0.00	32.58 -1.22 0.00
NEG_PENN_ALLEGHNY 23528	32.77 0.03 0.00	28.23 0.08 0.00	24.59 0.22 0.00	22.23 0.22 0.00	25.71 0.15 0.00	31.98 0.19 0.00	37.64 0.11 0.00	40.17 0.12 0.00	40.75 0.29 0.00	39.56 0.28 0.00	38.92 0.39 0.00	38.88 0.35 0.00	37.98 0.38 -0.07	39.00 0.27 -0.17	40.29 0.36 -0.31	42.57 0.38 -0.35	50.15 0.45 0.00	54.61 0.33 -0.03	55.75 0.28 0.00	56.02 0.44 0.00	54.26 0.27 0.00	47.20 0.19 0.00	39.49 0.28 0.00	34.27 0.47 0.00
NEG___GEN_MONROE 24207	31.62 -1.11 0.00	27.02 -1.13 0.00	23.66 -0.71 0.00	21.46 -0.55 0.00	24.82 -0.74 0.00	31.09 -0.70 0.00	36.48 -1.05 0.00	38.53 -1.52 0.00	39.01 -1.46 0.00	37.87 -1.41 0.00	37.22 -1.31 0.00	37.03 -1.50 0.00	36.18 -1.35 0.00	36.98 -1.58 0.00	38.04 -1.58 0.00	40.00 -1.84 0.00	46.87 -2.83 0.00	51.70 -2.55 0.00	53.20 -2.27 0.00	53.69 -1.89 0.00	51.78 -2.21 0.00	44.90 -2.12 0.00	37.65 -1.57 0.00	32.68 -1.12 0.00
NEPA___ENERGY 23901	31.42 -1.31 0.00	26.77 -1.38 0.00	23.54 -0.83 0.00	21.38 -0.64 0.00	24.59 -0.97 0.00	30.84 -0.95 0.00	36.10 -1.43 0.00	38.25 -1.80 0.00	38.73 -1.74 0.00	37.68 -1.61 0.00	37.26 -1.27 0.00	36.99 -1.54 0.00	36.06 -1.46 0.00	36.86 -1.70 0.00	37.96 -1.66 0.00	40.00 -1.84 0.00	47.92 -1.74 0.05	51.87 -2.39 0.00	53.42 -2.05 0.00	54.19 -1.39 0.00	51.72 -2.27 0.00	44.85 -2.16 0.00	37.88 -1.33 0.00	33.05 -0.74 0.00

NEVERSINK___HYD 23608	34.89 2.16 0.00	30.37 2.22 0.00	26.37 2.00 0.00	23.82 1.81 0.00	27.55 1.99 0.00	33.89 2.10 0.00	39.78 2.25 0.00	42.85 2.80 0.00	43.42 2.95 0.00	42.24 2.95 0.00	41.42 2.89 0.00	41.34 2.81 0.00	41.59 2.66 -1.40	44.45 2.66 -3.24	48.29 2.77 -5.89	51.56 3.01 -6.71	53.60 3.88 -0.02	58.83 4.07 -0.50	59.57 4.10 0.00	59.69 4.11 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.00 2.78 0.00	36.50 2.70 0.00
NEWKRMKL_115KV_TB1 55635	33.16 0.43 0.00	29.05 0.90 0.00	25.27 0.90 0.00	22.85 0.84 0.00	26.45 0.89 0.00	32.30 0.51 0.00	37.90 0.38 0.00	40.65 0.60 0.00	40.91 0.45 0.00	39.72 0.43 0.00	38.80 0.27 0.00	38.84 0.31 0.00	37.75 0.34 0.11	38.72 0.42 0.26	39.58 0.44 0.48	41.67 0.38 0.55	50.30 0.60 0.00	54.61 0.38 0.03	56.02 0.55 0.00	56.41 0.83 0.00	54.48 0.49 0.00	47.48 0.47 0.00	39.81 0.59 0.00	34.61 0.81 0.00
NEWTON___FALLS_HYD 23847	32.01 -0.72 0.00	27.27 -0.87 0.00	23.44 -0.93 0.00	21.13 -0.88 0.00	24.56 -1.00 0.00	30.74 -1.05 0.00	36.66 -0.86 0.00	39.05 -1.00 0.00	39.37 -1.09 0.00	38.11 -1.18 0.00	37.45 -1.08 0.00	37.45 -1.08 0.00	36.36 -1.16 0.00	37.36 -1.20 0.00	38.39 -1.23 0.00	40.67 -1.17 0.00	48.11 -1.59 0.00	52.95 -1.30 0.00	54.36 -1.11 0.00	54.41 -1.17 0.00	53.18 -0.81 0.00	46.12 -0.89 0.00	38.20 -1.02 0.00	32.65 -1.15 0.00
NGRID_A1_DSASP 323792	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.80 -1.76 0.00	29.73 -2.07 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.09 -3.47 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.14 -5.52 0.04	48.88 -5.37 0.00	49.48 -5.99 0.00	49.86 -5.72 0.00	48.59 -5.40 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.40 -2.40 0.00
NGRID_A2_DSASP 323793	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.80 -1.76 0.00	29.73 -2.07 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.09 -3.47 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.14 -5.52 0.04	48.88 -5.37 0.00	49.48 -5.99 0.00	49.86 -5.72 0.00	48.59 -5.40 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.40 -2.40 0.00
NGRID_A4_DSASP 323807	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.80 -1.76 0.00	29.73 -2.07 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.09 -3.47 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.14 -5.52 0.04	48.88 -5.37 0.00	49.48 -5.99 0.00	49.86 -5.72 0.00	48.59 -5.40 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.40 -2.40 0.00
NIAGARA_115E_LBMP 323715	30.05 -2.68 0.00	25.53 -2.62 0.00	22.51 -1.85 0.00	20.45 -1.56 0.00	23.59 -1.97 0.00	29.56 -2.23 0.00	34.52 -3.00 0.00	36.17 -3.88 0.00	36.62 -3.85 0.00	35.59 -3.69 0.00	35.18 -3.35 0.00	34.99 -3.54 0.00	34.19 -3.34 0.00	34.89 -3.66 0.00	36.10 -3.53 0.00	37.87 -3.98 0.00	44.39 -5.27 0.04	48.67 -5.59 0.00	49.31 -6.16 0.00	49.69 -5.89 0.00	48.48 -5.51 0.00	42.08 -4.94 0.00	35.65 -3.57 0.00	31.22 -2.57 0.00
NIAGARA_115W_LBMP 323714	30.11 -2.62 0.00	25.58 -2.56 0.00	22.64 -1.73 0.00	20.58 -1.43 0.00	23.74 -1.81 0.00	29.63 -2.16 0.00	34.60 -2.93 0.00	36.21 -3.85 0.00	36.66 -3.81 0.00	35.67 -3.61 0.00	35.26 -3.28 0.00	35.06 -3.47 0.00	34.30 -3.23 0.00	34.97 -3.58 0.00	36.17 -3.45 0.00	37.95 -3.89 0.00	44.00 -5.67 0.04	48.72 -5.53 0.00	49.37 -6.10 0.00	49.69 -5.89 0.00	48.43 -5.56 0.00	42.08 -4.94 0.00	35.65 -3.57 0.00	31.29 -2.50 0.00
NIAGARA_230_LBMP 323716	30.41 -2.32 0.00	25.87 -2.28 0.00	22.81 -1.56 0.00	20.72 -1.30 0.00	23.90 -1.66 0.00	29.95 -1.84 0.00	34.97 -2.55 0.00	36.65 -3.40 0.00	37.11 -3.36 0.00	36.11 -3.18 0.00	35.64 -2.89 0.00	35.45 -3.08 0.00	34.67 -2.85 0.00	35.36 -3.20 0.00	36.57 -3.05 0.00	38.37 -3.47 0.00	44.65 -5.02 0.04	49.26 -4.99 0.00	49.98 -5.49 0.00	50.35 -5.23 0.00	49.03 -4.97 0.00	42.59 -4.42 0.00	36.04 -3.18 0.00	31.63 -2.16 0.00
NIAGARA___115KV_198_GIBSON 55903	30.11 -2.62 0.00	25.58 -2.56 0.00	22.64 -1.73 0.00	20.58 -1.43 0.00	23.69 -1.87 0.00	29.69 -2.10 0.00	34.60 -2.93 0.00	36.21 -3.84 0.00	36.66 -3.80 0.00	35.67 -3.61 0.00	35.26 -3.28 0.00	35.06 -3.47 0.00	34.30 -3.23 0.00	35.09 -3.47 0.00	36.17 -3.45 0.00	37.95 -3.89 0.00	44.44 -5.22 0.04	48.77 -5.48 0.00	50.03 -5.44 0.00	50.52 -5.06 0.00	48.48 -5.51 0.00	42.08 -4.94 0.00	35.65 -3.57 0.00	31.33 -2.47 0.00
NIAGARA____ 23760	30.41 -2.32 0.00	25.87 -2.28 0.00	22.81 -1.56 0.00	20.72 -1.30 0.00	23.90 -1.66 0.00	29.95 -1.84 0.00	34.97 -2.55 0.00	36.65 -3.40 0.00	37.11 -3.36 0.00	36.11 -3.18 0.00	35.64 -2.89 0.00	35.45 -3.08 0.00	34.67 -2.85 0.00	35.36 -3.20 0.00	36.57 -3.05 0.00	38.37 -3.47 0.00	44.65 -5.02 0.04	49.26 -4.99 0.00	49.98 -5.49 0.00	50.35 -5.23 0.00	49.03 -4.97 0.00	42.59 -4.42 0.00	36.04 -3.18 0.00	31.63 -2.16 0.00
NINE_MILE_1 23575	31.78 -0.95 0.00	27.36 -0.79 0.00	23.76 -0.61 0.00	21.49 -0.53 0.00	24.89 -0.66 0.00	30.93 -0.86 0.00	36.48 -1.05 0.00	38.69 -1.36 0.00	39.09 -1.38 0.00	37.95 -1.34 0.00	37.22 -1.31 0.00	37.22 -1.31 0.00	36.29 -1.24 0.00	37.24 -1.31 0.00	38.31 -1.31 0.00	40.42 -1.42 0.00	47.92 -1.79 0.00	52.41 -1.84 0.00	53.58 -1.89 0.00	53.69 -1.89 0.00	52.16 -1.84 0.00	45.41 -1.60 0.00	37.96 -1.26 0.00	32.85 -0.95 0.00
NINE_MILE_2 23744	31.78 -0.95 0.00	27.36 -0.79 0.00	23.76 -0.61 0.00	21.49 -0.53 0.00	24.89 -0.66 0.00	30.96 -0.83 0.00	36.48 -1.05 0.00	38.69 -1.36 0.00	39.09 -1.38 0.00	37.95 -1.34 0.00	37.22 -1.31 0.00	37.22 -1.31 0.00	36.29 -1.24 0.00	37.24 -1.31 0.00	38.31 -1.31 0.00	40.46 -1.38 0.00	47.92 -1.79 0.00	52.41 -1.84 0.00	53.58 -1.89 0.00	53.69 -1.89 0.00	52.16 -1.84 0.00	45.41 -1.60 0.00	37.96 -1.26 0.00	32.85 -0.95 0.00
NM_CAPITAL___DRP 24208	33.22 0.49 0.00	29.07 0.93 0.00	25.29 0.93 0.00	22.87 0.86 0.00	26.48 0.92 0.00	32.36 0.57 0.00	37.98 0.45 0.00	40.77 0.72 0.00	40.99 0.53 0.00	39.76 0.47 0.00	38.84 0.31 0.00	38.88 0.35 0.00	37.77 0.34 0.10	38.71 0.39 0.23	39.61 0.40 0.41	41.71 0.33 0.47	50.30 0.60 0.00	54.61 0.38 0.02	56.02 0.55 0.00	56.47 0.89 0.00	54.53 0.54 0.00	47.53 0.52 0.00	39.88 0.67 0.00	34.67 0.88 0.00
NM_CENTRAL___DRP 24181	32.50 -0.23 0.00	27.98 -0.17 0.00	24.32 -0.05 0.00	21.97 -0.04 0.00	25.46 -0.10 0.00	31.66 -0.13 0.00	37.30 -0.23 0.00	39.65 -0.40 0.00	40.14 -0.32 0.00	38.97 -0.31 0.00	38.26 -0.27 0.00	38.26 -0.27 0.00	37.30 -0.23 0.00	38.29 -0.27 0.00	39.38 -0.24 0.00	41.59 -0.25 0.00	49.35 -0.35 0.00	53.93 -0.33 0.00	55.19 -0.28 0.00	55.47 -0.11 0.00	53.61 -0.38 0.00	46.59 -0.42 0.00	38.94 -0.27 0.00	33.73 -0.07 0.00

NM_FRONTIER___DRP 24179	30.11 -2.62 0.00	25.58 -2.56 0.00	22.64 -1.73 0.00	20.58 -1.43 0.00	23.69 -1.87 0.00	29.69 -2.10 0.00	34.60 -2.93 0.00	36.21 -3.84 0.00	36.66 -3.80 0.00	35.67 -3.61 0.00	35.26 -3.28 0.00	35.06 -3.47 0.00	34.30 -3.23 0.00	35.09 -3.47 0.00	36.17 -3.45 0.00	37.95 -3.89 0.00	44.44 -5.22 0.04	48.77 -5.48 0.00	50.03 -5.44 0.00	50.52 -5.06 0.00	48.48 -5.51 0.00	42.08 -4.94 0.00	35.65 -3.57 0.00	31.33 -2.47 0.00
NM_ST_REGIS___HYD 24053	32.21 -0.52 0.00	27.27 -0.87 0.00	23.39 -0.97 0.00	21.07 -0.95 0.00	24.51 -1.05 0.00	30.93 -0.86 0.00	37.04 -0.49 0.00	39.49 -0.56 0.00	39.86 -0.61 0.00	38.62 -0.67 0.00	37.99 -0.54 0.00	37.91 -0.62 0.00	36.85 -0.68 0.00	37.90 -0.66 0.00	38.83 -0.79 0.00	41.17 -0.67 0.00	48.46 -1.24 0.00	53.28 -0.98 0.00	54.42 -1.05 0.00	54.30 -1.28 0.00	53.40 -0.59 0.00	46.45 -0.56 0.00	38.32 -0.90 0.00	32.48 -1.32 0.00
NORTHPORT___1 23551	46.36 2.65 -10.98	45.79 2.73 -14.92	44.88 2.58 -17.93	44.85 2.31 -20.52	44.86 2.56 -16.75	44.90 2.67 -10.44	45.57 2.96 -5.08	46.59 3.08 -3.46	45.87 3.48 -1.92	45.51 3.69 -2.53	43.53 3.24 -1.76	43.75 3.39 -1.83	44.49 3.57 -3.40	46.33 3.43 -4.34	51.15 3.64 -7.89	54.54 3.72 -8.98	54.30 4.57 -0.03	54.38 4.50 4.38	59.41 3.94 0.00	59.25 3.67 0.00	56.69 2.70 0.00	49.74 2.73 0.00	42.79 3.57 0.00	37.62 3.82 -0.01
NORTHPORT___2 23552	46.36 2.65 -10.98	45.79 2.73 -14.92	44.88 2.58 -17.93	44.85 2.31 -20.52	44.86 2.56 -16.75	44.90 2.67 -10.44	45.57 2.96 -5.08	46.59 3.08 -3.46	45.87 3.48 -1.92	45.51 3.69 -2.53	43.53 3.24 -1.76	43.75 3.39 -1.83	44.49 3.57 -3.40	46.33 3.43 -4.34	51.15 3.64 -7.89	54.54 3.72 -8.98	54.30 4.57 -0.03	54.38 4.50 4.38	59.41 3.94 0.00	59.25 3.67 0.00	56.69 2.70 0.00	49.74 2.73 0.00	42.79 3.57 0.00	37.62 3.82 -0.01
NORTHPORT___3 23553	46.13 2.42 -10.97	45.59 2.53 -14.92	44.63 2.36 -17.90	44.66 2.16 -20.49	44.63 2.35 -16.72	44.63 2.41 -10.42	45.33 2.74 -5.07	47.30 3.81 -3.44	46.14 3.76 -1.91	45.35 3.54 -2.53	44.06 3.78 -1.75	44.20 3.85 -1.82	44.30 3.38 -3.39	46.59 3.70 -4.34	51.03 3.53 -7.88	54.83 4.02 -8.97	54.15 4.42 -0.02	54.70 4.83 4.38	59.29 3.82 0.00	59.14 3.56 0.00	56.58 2.59 0.00	49.59 2.58 0.00	42.55 3.33 0.00	37.35 3.55 -0.01
NORTHPORT___4 23650	46.13 2.42 -10.97	45.59 2.53 -14.92	44.63 2.36 -17.90	44.66 2.16 -20.49	44.63 2.35 -16.72	44.63 2.41 -10.42	45.33 2.74 -5.07	47.30 3.81 -3.44	46.14 3.76 -1.91	45.35 3.54 -2.53	44.06 3.78 -1.75	44.20 3.85 -1.82	44.30 3.38 -3.39	46.59 3.70 -4.34	51.03 3.53 -7.88	54.83 4.02 -8.97	54.15 4.42 -0.02	54.70 4.83 4.38	59.29 3.82 0.00	59.14 3.56 0.00	56.58 2.59 0.00	49.59 2.58 0.00	42.55 3.33 0.00	37.35 3.55 -0.01
NORTHPORT___IC 23718	46.36 2.65 -10.98	45.79 2.73 -14.92	44.88 2.58 -17.93	44.87 2.33 -20.52	44.86 2.56 -16.75	44.90 2.67 -10.44	45.60 3.00 -5.08	46.59 3.08 -3.46	45.87 3.48 -1.92	45.51 3.69 -2.53	43.53 3.24 -1.76	43.75 3.39 -1.83	44.49 3.57 -3.40	46.37 3.47 -4.34	51.15 3.65 -7.89	54.55 3.72 -8.98	54.30 4.57 -0.03	54.38 4.50 4.38	59.52 4.05 0.00	59.69 4.11 0.00	56.64 2.65 0.00	49.69 2.68 0.00	42.79 3.57 0.00	37.62 3.82 -0.01
NORTH___COUNTRY_ESR 323785	32.90 0.16 0.00	27.92 -0.23 0.00	23.98 -0.39 0.00	21.62 -0.40 0.00	25.15 -0.41 0.00	31.70 -0.10 0.00	37.71 0.19 0.00	40.25 0.20 0.00	40.71 0.24 0.00	39.48 0.20 0.00	38.80 0.27 0.00	38.72 0.19 0.00	37.68 0.15 0.00	38.71 0.15 0.00	39.66 0.04 0.00	42.14 0.29 0.00	49.55 -0.15 0.00	54.36 0.11 0.00	55.69 0.22 0.00	55.69 0.11 0.00	54.26 0.27 0.00	47.25 0.24 0.00	39.06 -0.16 0.00	33.19 -0.61 0.00
NPX_GEN_1385_PROXY 323591	37.46 2.52 -2.21	36.05 2.64 -5.26	34.24 2.49 -7.39	34.10 2.22 -9.86	35.37 2.45 -7.36	36.87 2.54 -2.53	44.98 2.82 -4.64	46.91 3.08 -3.77	45.55 3.48 -1.60	40.00 3.54 2.82	36.87 3.12 4.78	35.00 3.24 6.77	35.00 3.41 5.94	35.00 3.28 6.83	35.00 3.53 8.15	35.95 3.60 9.49	41.53 4.37 12.55	53.68 4.29 4.86	57.41 3.72 1.78	59.14 3.56 0.00	56.69 2.70 0.00	49.60 2.58 0.00	42.71 3.49 0.00	36.00 3.68 1.48
NPX_GEN_CSC 323557	47.51 3.80 -10.99	46.75 3.69 -14.92	45.57 3.31 -17.89	45.46 2.97 -20.47	45.07 3.32 -16.19	46.38 3.65 -10.94	46.79 4.20 -5.06	48.78 4.88 -3.85	47.26 5.14 -1.66	46.97 5.15 -2.54	60.98 5.01 -17.45	75.73 5.13 -32.07	45.70 4.77 -3.41	47.81 4.86 -4.40	52.39 4.87 -7.90	56.02 5.14 -9.04	55.70 5.96 -0.03	118.27 6.18 -57.83	60.57 5.10 0.00	60.41 4.83 0.00	57.83 3.83 0.00	50.73 3.71 -0.01	43.30 4.08 0.00	37.89 4.09 -0.01
NSINS_S_GLNS_FALLS 23858	34.24 1.51 0.00	29.75 1.60 0.00	25.88 1.51 0.00	23.38 1.36 0.00	27.14 1.58 0.00	33.44 1.65 0.00	39.33 1.80 0.00	42.17 2.12 0.00	42.45 1.98 0.00	40.86 1.57 0.00	39.92 1.39 0.00	39.92 1.39 0.00	38.74 1.35 0.13	39.87 1.62 0.31	40.84 1.78 0.56	43.34 2.13 0.64	52.53 2.83 0.00	56.83 2.60 0.03	58.58 3.11 0.00	59.08 3.50 0.00	57.12 3.13 0.00	49.55 2.54 0.00	41.30 2.08 0.00	35.82 2.03 0.00
NUCOR_STEEL___DRP 24197	32.63 -0.10 0.00	28.06 -0.08 0.00	24.39 0.02 0.00	22.06 0.04 0.00	25.56 0.00 0.00	31.82 0.03 0.00	37.49 -0.04 0.00	39.85 -0.20 0.00	40.34 -0.12 0.00	39.09 -0.20 0.00	38.38 -0.15 0.00	38.38 -0.15 0.00	37.41 -0.11 0.00	38.40 -0.15 0.00	39.46 -0.16 0.00	41.67 -0.17 0.00	49.45 -0.25 0.00	54.09 -0.16 0.00	55.47 0.00 0.00	55.80 0.22 0.00	53.94 -0.05 0.00	46.87 -0.14 0.00	39.18 -0.04 0.00	33.86 0.07 0.00
NUMBER_THREE_WT_PWR 323818	32.80 0.07 0.00	28.00 -0.14 0.00	24.12 -0.24 0.00	21.77 -0.24 0.00	25.23 -0.33 0.00	31.47 -0.32 0.00	37.27 -0.26 0.00	39.65 -0.40 0.00	40.02 -0.44 0.00	38.74 -0.55 0.00	38.07 -0.46 0.00	38.07 -0.46 0.00	36.92 -0.60 0.00	37.82 -0.73 0.00	38.95 -0.67 0.00	41.26 -0.59 0.00	49.16 -0.55 0.00	54.15 -0.11 0.00	55.64 0.17 0.00	55.80 0.22 0.00	54.26 0.27 0.00	46.92 -0.09 0.00	38.95 -0.27 0.00	33.52 -0.27 0.00
NYISO_LBMP_REFERENCE 24008	32.73 0.00 0.00	28.14 0.00 0.00	24.37 0.00 0.00	22.01 0.00 0.00	25.56 0.00 0.00	31.79 0.00 0.00	37.53 0.00 0.00	40.05 0.00 0.00	40.47 0.00 0.00	39.29 0.00 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.53 0.00 0.00	38.56 0.00 0.00	39.62 0.00 0.00	41.84 0.00 0.00	49.70 0.00 0.00	54.25 0.00 0.00	55.47 0.00 0.00	55.58 0.00 0.00	53.99 0.00 0.00	47.01 0.00 0.00	39.22 0.00 0.00	33.79 0.00 0.00
NYPA_BRENTWD____GT 24164	46.85 3.14 -10.98	46.21 3.15 -14.92	45.07 2.87 -17.83	45.00 2.57 -20.42	45.08 2.86 -16.66	45.26 3.08 -10.39	46.06 3.49 -5.05	47.44 3.93 -3.46	46.64 4.25 -1.92	46.13 4.32 -2.52	48.63 4.08 -6.02	52.83 4.24 -10.06	45.20 4.28 -3.40	47.15 4.24 -4.35	51.95 4.44 -7.89	55.52 4.69 -8.99	55.34 5.61 -0.03	72.51 5.70 -12.56	60.63 5.16 0.00	60.47 4.89 0.00	57.88 3.89 0.00	50.73 3.71 0.00	43.45 4.24 0.00	38.09 4.29 -0.01

NYPA_GOWANUS____GT5 24156	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NYPA_GOWANUS____GT6 24157	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.11 3.57 -12.01	51.63 3.66 -9.41	52.70 3.77 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.99 5.05 -0.69	60.32 4.82 -0.02	60.44 4.83 -0.02	57.99 4.00 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06
NYPA_HARLEM__RVR__GT1 24160	34.89 2.16 0.00	30.60 2.45 -0.01	26.51 2.14 0.00	23.93 1.91 0.00	27.58 2.02 0.00	33.56 1.78 0.01	39.47 1.95 0.01	42.64 2.60 0.01	43.29 2.83 0.01	42.23 2.95 0.01	41.53 3.01 0.01	41.72 3.20 0.01	42.58 3.19 -1.86	46.16 3.28 -4.32	50.90 3.41 -7.87	54.36 3.55 -8.96	54.04 4.32 -0.02	59.26 4.34 -0.66	59.62 4.16 0.01	59.63 4.06 0.01	57.22 3.24 0.01	49.87 2.87 0.01	41.95 2.74 0.01	36.59 2.80 0.01
NYPA_HARLEM__RVR__GT2 24161	34.89 2.16 0.00	30.60 2.45 -0.01	26.51 2.14 0.00	23.93 1.91 0.00	27.58 2.02 0.00	33.56 1.78 0.01	39.47 1.95 0.01	42.64 2.60 0.01	43.29 2.83 0.01	42.23 2.95 0.01	41.53 3.01 0.01	41.72 3.20 0.01	42.58 3.19 -1.86	46.16 3.28 -4.32	50.90 3.41 -7.87	54.36 3.55 -8.96	54.04 4.32 -0.02	59.26 4.34 -0.66	59.62 4.16 0.01	59.63 4.06 0.01	57.22 3.24 0.01	49.87 2.87 0.01	41.95 2.74 0.01	36.59 2.80 0.01
NYPA_KENT____GT 24152	35.00 2.26 -0.01	30.63 2.48 -0.01	26.66 2.29 0.00	24.07 2.05 0.00	27.76 2.20 0.00	33.93 2.13 0.00	39.90 2.37 -0.01	43.07 3.01 -0.01	43.72 3.24 -0.02	42.62 3.30 -0.03	41.91 3.35 -0.03	48.67 3.58 -6.56	48.73 3.53 -7.68	49.46 3.66 -7.24	52.09 3.77 -8.70	54.83 4.02 -8.97	54.61 4.87 -0.04	59.87 4.94 -0.68	60.25 4.77 -0.01	60.26 4.67 -0.01	57.83 3.83 0.00	50.56 3.29 -0.26	48.63 3.10 -6.31	36.93 3.11 -0.03
NYPA_POUCH1____GT 24155	35.05 2.29 -0.02	30.74 2.59 -0.01	26.76 2.39 -0.01	24.18 2.16 -0.01	27.89 2.33 -0.01	34.06 2.26 -0.01	39.99 2.44 -0.02	43.12 3.04 -0.02	43.61 3.12 -0.03	42.49 3.14 -0.06	41.78 3.20 -0.06	53.42 3.43 -11.46	52.95 3.41 -12.01	51.48 3.51 -9.41	52.54 3.61 -9.32	54.87 4.06 -8.98	54.62 4.87 -0.05	59.83 4.88 -0.69	60.21 4.71 -0.02	60.33 4.72 -0.02	57.99 4.00 -0.01	50.61 3.15 -0.45	53.23 2.98 -11.03	36.82 2.97 -0.06
NYPA_VERNON____GT2 24162	34.96 2.23 0.00	30.57 2.42 -0.01	26.59 2.22 0.00	24.00 1.98 0.00	27.71 2.15 0.00	33.83 2.04 0.00	39.86 2.33 0.00	43.02 2.33 0.00	43.67 3.20 0.00	42.60 3.30 -0.01	41.85 3.31 -0.01	43.73 3.54 -1.66	44.39 3.53 -3.34	47.25 3.62 -5.07	51.43 3.72 -8.09	54.70 3.89 -8.97	54.50 4.77 -0.03	59.75 4.83 -0.67	60.13 4.66 0.00	60.14 4.56 0.00	57.67 3.67 0.00	50.32 3.24 -0.07	43.88 3.06 -1.60	36.88 3.07 -0.01
NYPA_VERNON____GT3 24163	34.96 2.23 0.00	30.57 2.42 -0.01	26.59 2.22 0.00	24.00 1.98 0.00	27.71 2.15 0.00	33.83 2.04 0.00	39.86 2.33 0.00	43.02 2.33 0.00	43.67 3.20 0.00	42.60 3.30 -0.01	41.85 3.31 -0.01	43.73 3.54 -1.66	44.39 3.53 -3.34	47.25 3.62 -5.07	51.43 3.72 -8.09	54.70 3.89 -8.97	54.50 4.77 -0.03	59.75 4.83 -0.67	60.13 4.66 0.00	60.14 4.56 0.00	57.67 3.67 0.00	50.32 3.24 -0.07	43.88 3.06 -1.60	36.88 3.07 -0.01
NYPA__ASTORIA_CC1 323568	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.80 2.00 0.00	39.78 2.25 0.00	42.94 2.89 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.80 3.27 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.43 3.54 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.70 4.78 -0.67	60.02 4.55 0.00	60.03 4.45 0.00	57.55 3.56 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
NYPA__ASTORIA_CC2 323569	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.80 2.00 0.00	39.78 2.25 0.00	42.94 2.89 0.00	43.58 3.12 0.00	42.51 3.22 0.00	41.80 3.27 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.43 3.54 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.40 4.67 -0.02	59.70 4.78 -0.67	60.02 4.55 0.00	60.03 4.45 0.00	57.55 3.56 0.00	50.16 3.15 0.00	42.24 3.02 0.00	36.84 3.04 0.00
NYPA__HOLTSVILL 23794	46.89 3.17 -10.99	46.24 3.18 -14.92	45.16 2.90 -17.89	45.09 2.60 -20.48	45.16 2.89 -16.71	45.29 3.08 -10.42	46.12 3.53 -5.06	47.62 4.04 -3.53	46.77 4.33 -1.97	46.22 4.40 -2.54	59.85 4.20 -17.11	74.28 4.31 -31.43	45.21 4.28 -3.40	47.27 4.32 -4.40	51.95 4.44 -7.90	55.56 4.69 -9.04	55.30 5.57 -0.03	116.46 5.70 -56.51	60.46 4.99 0.00	60.30 4.72 0.00	57.71 3.72 0.00	50.64 3.62 -0.01	43.33 4.12 0.00	38.03 4.22 -0.01
NYPA____HELLGATE_GT1 24158	34.89 2.16 0.00	30.60 2.45 -0.01	26.51 2.14 0.00	23.93 1.91 0.00	27.58 2.02 0.00	33.56 1.78 0.01	39.47 1.95 0.01	42.64 2.60 0.01	43.29 2.83 0.01	42.23 2.95 0.01	41.53 3.01 0.01	41.72 3.20 0.01	42.58 3.19 -1.86	46.16 3.28 -4.32	50.90 3.41 -7.87	54.36 3.55 -8.96	54.04 4.32 -0.02	59.26 4.34 -0.66	59.62 4.16 0.01	59.63 4.06 0.01	57.17 3.18 0.01	49.87 2.87 0.01	41.95 2.74 0.01	36.59 2.80 0.01
NYPA____HELLGATE_GT2 24159	34.89 2.16 0.00	30.60 2.45 -0.01	26.51 2.14 0.00	23.93 1.91 0.00	27.58 2.02 0.00	33.56 1.78 0.01	39.47 1.95 0.01	42.64 2.60 0.01	43.29 2.83 0.01	42.23 2.95 0.01	41.53 3.01 0.01	41.72 3.20 0.01	42.58 3.19 -1.86	46.16 3.28 -4.32	50.90 3.41 -7.87	54.36 3.55 -8.96	54.04 4.32 -0.02	59.26 4.34 -0.66	59.62 4.16 0.01	59.63 4.06 0.01	57.17 3.18 0.01	49.87 2.87 0.01	41.95 2.74 0.01	36.59 2.80 0.01
NYS_BARGE__HYD 23848	30.51 -2.23 0.00	25.92 -2.22 0.00	22.86 -1.51 0.00	20.76 -1.25 0.00	23.95 -1.61 0.00	29.98 -1.81 0.00	35.05 -2.48 0.00	36.77 -3.28 0.00	37.23 -3.24 0.00	36.22 -3.06 0.00	35.80 -2.73 0.00	35.56 -2.97 0.00	34.75 -2.78 0.00	35.47 -3.09 0.00	36.69 -2.93 0.00	38.49 -3.35 0.00	45.04 -4.62 0.04	49.53 -4.72 0.00	50.31 -5.16 0.00	50.69 -4.89 0.00	49.46 -4.54 0.00	42.92 -4.09 0.00	36.32 -2.90 0.00	31.73 -2.06 0.00
OAK ORCHARD__HYD 24046	31.56 -1.18 0.00	26.96 -1.18 0.00	23.56 -0.80 0.00	21.40 -0.62 0.00	24.74 -0.82 0.00	30.93 -0.86 0.00	36.32 -1.20 0.00	38.41 -1.64 0.00	38.93 -1.54 0.00	37.83 -1.45 0.00	37.22 -1.31 0.00	37.11 -1.42 0.00	36.29 -1.24 0.00	37.13 -1.43 0.00	38.31 -1.31 0.00	40.29 -1.55 0.00	46.97 -2.73 0.00	52.08 -2.17 0.00	53.09 -2.38 0.00	53.41 -2.17 0.00	51.99 -2.00 0.00	45.08 -1.93 0.00	37.84 -1.37 0.00	32.78 -1.01 0.00

OAKDALE___35_KV_LOAD 356122	32.73 0.00 0.00	28.17 0.03 0.00	24.54 0.17 0.00	22.19 0.18 0.00	25.69 0.13 0.00	31.92 0.13 0.00	37.56 0.04 0.00	40.09 0.04 0.00	40.55 0.08 0.00	39.37 0.08 0.00	38.69 0.15 0.00	38.65 0.12 0.00	37.75 0.15 -0.07	38.80 0.08 -0.17	40.05 0.12 -0.31	42.32 0.13 -0.35	50.05 0.35 0.00	54.45 0.16 -0.03	55.80 0.33 0.00	56.25 0.67 0.00	54.10 0.11 0.00	47.06 0.05 0.00	39.41 0.20 0.00	34.20 0.41 0.00
OCC_CHEM___DRP 24175	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.77 -1.79 0.00	29.79 -2.00 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.20 -3.35 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.54 -5.12 0.04	48.94 -5.32 0.00	50.20 -5.27 0.00	50.69 -4.89 0.00	48.65 -5.35 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.43 -2.37 0.00
OH_GEN_PROXY 24063	30.44 -2.29 0.00	25.92 -2.22 0.00	22.83 -1.53 0.00	20.74 -1.28 0.00	23.40 -1.64 0.52	27.00 -1.81 2.98	30.68 -2.48 4.37	37.09 -3.28 -0.32	36.87 -3.28 0.32	36.00 -3.10 0.18	35.76 -2.77 0.00	35.56 -2.97 0.00	34.75 -2.78 0.00	35.47 -3.09 0.00	36.69 -2.93 0.00	38.49 -3.35 0.00	43.23 -4.82 1.65	49.48 -4.77 0.00	50.20 -5.27 0.00	50.52 -5.06 0.00	49.19 -4.81 0.00	42.73 -4.28 0.00	36.12 -3.10 0.00	31.67 -2.13 0.00
OLIN_CORP_DRP 24177	30.11 -2.62 0.00	25.58 -2.56 0.00	22.56 -1.80 0.00	20.50 -1.52 0.00	23.62 -1.94 0.00	29.69 -2.10 0.00	34.60 -2.93 0.00	36.25 -3.80 0.00	36.70 -3.76 0.00	35.71 -3.58 0.00	35.29 -3.24 0.00	35.06 -3.47 0.00	34.30 -3.23 0.00	35.09 -3.47 0.00	36.17 -3.45 0.00	37.95 -3.89 0.00	44.54 -5.12 0.04	48.83 -5.43 0.00	50.14 -5.33 0.00	50.69 -4.89 0.00	48.59 -5.40 0.00	42.22 -4.80 0.00	35.73 -3.49 0.00	31.36 -2.43 0.00
OLIN_CORP_DSASP 323712	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.80 -1.76 0.00	29.73 -2.07 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.09 -3.47 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.14 -5.52 0.04	48.88 -5.37 0.00	49.48 -5.99 0.00	49.86 -5.72 0.00	48.59 -5.40 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.40 -2.40 0.00
ONEIDA_HERK_LFGE 323681	33.13 0.39 0.00	28.45 0.31 0.00	24.61 0.24 0.00	22.21 0.20 0.00	25.76 0.20 0.00	32.04 0.25 0.00	37.86 0.34 0.00	40.33 0.28 0.00	40.75 0.29 0.00	39.48 0.20 0.00	38.80 0.27 0.00	38.80 0.27 0.00	37.68 0.15 0.00	38.71 0.15 0.00	39.86 0.24 0.00	42.14 0.29 0.00	50.25 0.55 0.00	55.01 0.76 0.00	56.41 0.94 0.00	56.58 1.00 0.00	54.96 0.97 0.00	47.67 0.66 0.00	39.65 0.43 0.00	34.23 0.44 0.00
ONEIDA___115KV_TB4 55905	33.39 0.65 0.00	28.76 0.62 0.00	24.93 0.56 0.00	22.52 0.51 0.00	26.12 0.56 0.00	32.46 0.67 0.00	38.31 0.79 0.00	40.81 0.76 0.00	41.19 0.73 0.00	39.92 0.63 0.00	39.22 0.69 0.00	39.22 0.69 0.00	38.16 0.64 0.00	39.21 0.66 0.00	40.41 0.79 0.00	42.68 0.84 0.00	50.90 1.19 0.00	55.66 1.41 0.00	57.08 1.61 0.00	57.36 1.78 0.00	55.56 1.57 0.00	48.23 1.22 0.00	40.16 0.94 0.00	34.74 0.95 0.00
ONONDAGA_REF_OCCRA 23987	32.60 -0.13 0.00	28.06 -0.08 0.00	24.39 0.02 0.00	22.04 0.02 0.00	25.53 -0.03 0.00	31.76 -0.03 0.00	37.41 -0.11 0.00	39.81 -0.24 0.00	40.26 -0.20 0.00	39.09 -0.20 0.00	38.38 -0.15 0.00	38.38 -0.15 0.00	37.38 -0.15 0.00	38.40 -0.15 0.00	39.46 -0.16 0.00	41.72 -0.13 0.00	49.55 -0.15 0.00	54.09 -0.16 0.00	55.41 -0.06 0.00	55.75 0.17 0.00	53.83 -0.16 0.00	46.82 -0.19 0.00	39.10 -0.12 0.00	33.86 0.07 0.00
ONONDAGA___COGEN 23986	32.54 -0.20 0.00	28.00 -0.14 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.38 -0.15 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.68 -0.33 0.00	38.98 -0.24 0.00	33.73 -0.07 0.00
ONTARIO___LFGE 23819	32.47 -0.26 0.00	27.84 -0.31 0.00	24.27 -0.10 0.00	21.97 -0.04 0.00	25.43 -0.13 0.00	31.76 -0.03 0.00	37.41 -0.11 0.00	39.81 -0.24 0.00	40.30 -0.16 0.00	39.05 -0.23 0.00	38.38 -0.15 0.00	38.26 -0.27 0.00	37.30 -0.22 0.00	38.17 -0.39 0.00	39.30 -0.32 0.00	41.46 -0.38 0.00	48.98 -0.74 -0.03	53.71 -0.54 0.00	54.97 -0.50 0.00	55.41 -0.17 0.00	53.78 -0.22 0.00	46.87 -0.14 0.00	39.22 0.00 0.00	33.90 0.10 0.00
ORANGEVILLE_WT_PWR 323706	31.19 -1.54 0.00	26.57 -1.58 0.00	23.34 -1.02 0.00	21.16 -0.86 0.00	24.33 -1.23 0.00	30.43 -1.37 0.00	35.73 -1.80 0.00	37.77 -2.28 0.00	38.24 -2.23 0.00	37.01 -2.28 0.00	36.57 -1.96 0.00	36.30 -2.24 0.00	35.31 -2.21 0.00	35.86 -2.70 0.00	36.93 -2.70 0.00	38.95 -2.89 0.00	46.15 -3.38 0.17	50.67 -3.58 0.00	51.81 -3.66 0.00	52.52 -3.06 0.00	51.24 -2.75 0.00	44.56 -2.45 0.00	37.57 -1.65 0.00	32.71 -1.08 0.00
ORANGEVILLE___ESR 323794	31.19 -1.54 0.00	26.57 -1.58 0.00	23.34 -1.02 0.00	21.16 -0.86 0.00	24.33 -1.23 0.00	30.43 -1.37 0.00	35.73 -1.80 0.00	37.77 -2.28 0.00	38.24 -2.23 0.00	37.01 -2.28 0.00	36.57 -1.96 0.00	36.30 -2.24 0.00	35.31 -2.21 0.00	35.86 -2.70 0.00	36.93 -2.70 0.00	38.95 -2.89 0.00	46.15 -3.38 0.17	50.67 -3.58 0.00	51.81 -3.66 0.00	52.52 -3.06 0.00	51.24 -2.75 0.00	44.56 -2.45 0.00	37.57 -1.65 0.00	32.71 -1.08 0.00
OSWEGATCHIE___HYD 24044	32.01 -0.72 0.00	27.27 -0.87 0.00	23.44 -0.93 0.00	21.13 -0.88 0.00	24.54 -1.02 0.00	30.74 -1.05 0.00	36.66 -0.86 0.00	39.05 -1.00 0.00	39.37 -1.09 0.00	38.11 -1.18 0.00	37.45 -1.08 0.00	37.45 -1.08 0.00	36.36 -1.16 0.00	37.36 -1.20 0.00	38.39 -1.23 0.00	40.67 -1.17 0.00	48.16 -1.54 0.00	52.95 -1.30 0.00	54.47 -1.00 0.00	54.64 -0.95 0.00	53.18 -0.81 0.00	46.12 -0.89 0.00	38.20 -1.02 0.00	32.68 -1.11 0.00
OSWEGO___5 23606	31.98 -0.75 0.00	27.53 -0.62 0.00	23.90 -0.46 0.00	21.62 -0.40 0.00	25.05 -0.51 0.00	31.12 -0.67 0.00	36.70 -0.83 0.00	38.93 -1.12 0.00	39.37 -1.09 0.00	38.23 -1.06 0.00	37.49 -1.04 0.00	37.49 -1.04 0.00	36.55 -0.98 0.00	37.52 -1.04 0.00	38.59 -1.03 0.00	40.71 -1.13 0.00	48.26 -1.44 0.00	52.79 -1.46 0.00	53.92 -1.55 0.00	54.08 -1.50 0.00	52.54 -1.46 0.00	45.74 -1.27 0.00	38.24 -0.98 0.00	33.08 -0.71 0.00
OSWEGO___6 23613	31.98 -0.75 0.00	27.53 -0.62 0.00	23.90 -0.46 0.00	21.62 -0.40 0.00	25.05 -0.51 0.00	31.12 -0.67 0.00	36.70 -0.83 0.00	38.93 -1.12 0.00	39.37 -1.09 0.00	38.23 -1.06 0.00	37.49 -1.04 0.00	37.49 -1.04 0.00	36.55 -0.98 0.00	37.52 -1.04 0.00	38.59 -1.03 0.00	40.71 -1.13 0.00	48.26 -1.44 0.00	52.79 -1.46 0.00	53.92 -1.55 0.00	54.08 -1.50 0.00	52.54 -1.46 0.00	45.74 -1.27 0.00	38.24 -0.98 0.00	33.08 -0.71 0.00

OUTOKUMPU-AB___DRP 24206	30.80 -1.93 0.00	26.17 -1.97 0.00	23.12 -1.24 0.00	20.98 -1.03 0.00	24.15 -1.41 0.00	30.30 -1.49 0.00	35.31 -2.21 0.00	37.09 -2.96 0.00	37.63 -2.83 0.00	36.58 -2.71 0.00	36.18 -2.35 0.00	35.95 -2.58 0.00	35.16 -2.36 0.00	35.97 -2.58 0.00	37.09 -2.54 0.00	38.91 -2.93 0.00	45.83 -3.83 0.04	50.13 -4.12 0.00	51.53 -3.94 0.00	52.02 -3.56 0.00	49.94 -4.05 0.00	43.34 -3.67 0.00	36.67 -2.55 0.00	32.10 -1.69 0.00
OXBOW___BTM 323836	30.54 -2.19 0.00	25.95 -2.20 0.00	22.95 -1.41 0.00	20.83 -1.19 0.00	24.03 -1.53 0.00	30.04 -1.75 0.00	35.05 -2.48 0.00	36.77 -3.28 0.00	37.27 -3.20 0.00	36.22 -3.06 0.00	35.83 -2.70 0.00	35.64 -2.89 0.00	34.82 -2.70 0.00	35.55 -3.01 0.00	36.77 -2.85 0.00	38.53 -3.31 0.00	44.89 -4.77 0.04	49.53 -4.72 0.00	50.25 -5.22 0.00	50.58 -5.00 0.00	49.35 -4.64 0.00	42.83 -4.18 0.00	36.28 -2.94 0.00	31.77 -2.03 0.00
OXBOW___ 24026	30.54 -2.19 0.00	25.95 -2.20 0.00	22.95 -1.41 0.00	20.83 -1.19 0.00	24.00 -1.56 0.00	30.07 -1.72 0.00	35.05 -2.48 0.00	36.77 -3.28 0.00	37.27 -3.20 0.00	36.22 -3.06 0.00	35.83 -2.70 0.00	35.64 -2.89 0.00	34.82 -2.70 0.00	35.66 -2.89 0.00	36.73 -2.89 0.00	38.54 -3.31 0.00	45.24 -4.42 0.04	49.59 -4.67 0.00	50.92 -4.55 0.00	51.47 -4.11 0.00	49.35 -4.64 0.00	42.87 -4.14 0.00	36.28 -2.94 0.00	31.80 -1.99 0.00
OXY_CHEM_DSASP 323612	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.77 -1.79 0.00	29.79 -2.00 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.20 -3.35 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.54 -5.12 0.04	48.94 -5.32 0.00	50.20 -5.27 0.00	50.69 -4.89 0.00	48.65 -5.35 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.43 -2.37 0.00
OZONE_PARK_ESR 323760	35.09 2.36 0.00	30.62 2.48 0.00	26.66 2.29 0.00	24.06 2.05 0.00	27.78 2.22 0.00	34.02 2.23 0.00	40.12 2.59 0.00	43.33 3.28 0.00	43.99 3.52 0.00	42.86 3.58 0.00	42.11 3.58 0.00	42.31 3.78 0.00	43.15 3.75 -1.87	46.74 3.86 -4.33	51.46 3.96 -7.88	54.95 4.14 -8.97	54.80 5.07 -0.02	60.13 5.21 -0.67	60.68 5.21 0.00	60.92 5.34 0.00	57.99 4.00 0.00	50.63 3.62 0.00	42.59 3.37 0.00	37.17 3.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.77 -1.79 0.00	29.79 -2.00 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.20 -3.35 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.54 -5.12 0.04	48.94 -5.32 0.00	50.20 -5.27 0.00	50.69 -4.89 0.00	48.65 -5.35 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.43 -2.37 0.00
PACKARD___115KV_DUPONT_184 80571	30.21 -2.52 0.00	25.67 -2.48 0.00	22.71 -1.66 0.00	20.63 -1.39 0.00	23.77 -1.79 0.00	29.79 -2.00 0.00	34.67 -2.85 0.00	36.33 -3.72 0.00	36.78 -3.68 0.00	35.79 -3.50 0.00	35.37 -3.16 0.00	35.18 -3.35 0.00	34.41 -3.11 0.00	35.20 -3.35 0.00	36.29 -3.33 0.00	38.08 -3.77 0.00	44.54 -5.12 0.04	48.94 -5.32 0.00	50.20 -5.27 0.00	50.69 -4.89 0.00	48.65 -5.35 0.00	42.22 -4.80 0.00	35.77 -3.45 0.00	31.43 -2.37 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.96 2.23 0.00	30.60 2.45 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.65 2.10 0.00	33.67 1.88 0.00	39.63 2.10 0.00	42.77 2.72 0.00	43.46 2.99 0.00	42.35 3.06 0.00	41.65 3.12 0.00	41.88 3.35 0.00	42.70 3.30 -1.87	46.32 3.43 -4.33	51.02 3.53 -7.88	54.49 3.68 -8.97	54.25 4.52 -0.02	59.43 4.50 -0.67	59.96 4.49 0.00	60.25 4.67 0.00	57.34 3.35 0.00	50.02 3.01 0.00	42.08 2.86 0.00	36.70 2.91 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.22 2.49 0.00	30.85 2.70 -0.01	26.76 2.39 0.00	24.15 2.14 0.00	27.86 2.30 0.00	33.92 2.13 0.00	39.89 2.36 0.00	43.05 3.00 0.00	43.70 3.24 0.00	42.59 3.30 0.00	41.84 3.31 0.00	42.15 3.62 0.00	42.89 3.49 -1.87	46.44 3.55 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.70 4.77 -0.67	60.24 4.77 0.00	60.53 4.95 0.00	57.61 3.62 0.00	50.30 3.29 0.00	42.32 3.10 0.00	36.94 3.14 0.00
PATROON___115KV_TB1 80586	33.26 0.52 0.00	29.10 0.96 0.00	25.32 0.95 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.40 0.60 0.00	38.01 0.49 0.00	40.77 0.72 0.00	41.03 0.57 0.00	39.84 0.55 0.00	38.92 0.39 0.00	38.95 0.42 0.00	37.87 0.45 0.11	38.84 0.54 0.26	39.71 0.55 0.47	41.85 0.54 0.53	50.50 0.80 0.00	54.77 0.54 0.02	56.19 0.72 0.00	56.64 1.06 0.00	54.69 0.70 0.00	47.62 0.61 0.00	39.92 0.71 0.00	34.71 0.91 0.00
PATTRSNVILLE___SOLAR 323815	33.75 1.02 0.00	29.27 1.13 0.00	25.44 1.07 0.00	22.98 0.97 0.00	26.66 1.10 0.00	32.90 1.11 0.00	38.65 1.12 0.00	41.29 1.24 0.00	41.56 1.09 0.00	40.19 0.90 0.00	39.34 0.81 0.00	39.38 0.85 0.00	38.21 0.82 0.14	39.15 0.92 0.33	39.97 0.95 0.60	42.29 1.13 0.68	51.34 1.64 0.00	55.68 1.47 0.03	57.19 1.72 0.00	57.58 2.00 0.00	55.88 1.89 0.00	48.61 1.60 0.00	40.59 1.37 0.00	35.18 1.39 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.10 -1.64 0.00	26.46 -1.69 0.00	23.30 -1.07 0.00	21.16 -0.86 0.00	24.33 -1.23 0.00	30.52 -1.27 0.00	35.69 -1.84 0.00	37.69 -2.36 0.00	38.20 -2.27 0.00	37.13 -2.16 0.00	36.72 -1.81 0.00	36.49 -2.04 0.00	35.61 -1.91 0.00	36.40 -2.16 0.00	37.52 -2.10 0.00	39.50 -2.34 0.00	48.07 -1.59 0.04	51.05 -3.20 0.00	52.53 -2.94 0.00	53.19 -2.39 0.00	50.86 -3.13 0.00	44.14 -2.87 0.00	37.30 -1.92 0.00	32.58 -1.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.70 1.96 0.00	30.26 2.11 0.00	26.29 1.93 0.00	23.73 1.72 0.00	27.45 1.89 0.00	33.73 1.94 0.00	39.59 2.06 0.00	42.69 2.64 0.00	43.38 2.91 0.00	42.23 2.95 0.00	41.50 2.97 0.00	41.57 3.04 0.00	42.46 3.08 -1.86	46.02 3.16 -4.31	50.82 3.37 -7.83	54.31 3.56 -8.91	54.15 4.42 -0.02	59.42 4.50 -0.67	60.07 4.60 0.00	60.42 4.84 0.00	57.66 3.67 0.00	50.21 3.20 0.00	42.04 2.82 0.00	36.60 2.80 0.00
PEEKSKILL___ 23653	34.50 1.77 0.00	30.11 1.97 0.00	26.20 1.83 0.00	23.64 1.63 0.00	27.32 1.76 0.00	33.51 1.72 0.00	39.44 1.91 0.00	42.53 2.48 0.00	43.14 2.67 0.00	42.04 2.75 0.00	41.27 2.74 0.00	41.38 2.85 0.00	42.21 2.85 -1.83	45.72 2.93 -4.23	50.33 3.01 -7.70	53.78 3.18 -8.77	53.71 3.98 -0.02	58.92 4.01 -0.65	59.35 3.88 0.00	59.41 3.83 0.00	57.07 3.08 0.00	49.74 2.73 0.00	41.81 2.59 0.00	36.43 2.64 0.00
PGE MADISON___WINDPWR 24146	34.73 2.00 0.00	29.95 1.80 0.00	25.93 1.56 0.00	23.47 1.45 0.00	27.17 1.61 0.00	33.89 2.10 0.00	40.04 2.51 0.00	42.62 2.57 0.00	42.97 2.51 0.00	41.49 2.20 0.00	40.92 2.39 0.00	40.96 2.43 0.00	39.77 2.18 -0.07	40.95 2.24 -0.16	42.49 2.57 -0.29	45.06 2.88 -0.33	53.79 4.08 -0.01	58.95 4.67 -0.03	60.63 5.16 0.00	60.97 5.39 0.00	59.18 5.18 0.00	51.24 4.23 0.00	42.43 3.22 0.00	36.80 3.01 0.00

PIERCEFIELD___HYD 23852	31.91 -0.82 0.00	27.05 -1.10 0.00	23.17 -1.19 0.00	20.87 -1.14 0.00	24.28 -1.28 0.00	30.61 -1.18 0.00	36.74 -0.79 0.00	39.17 -0.88 0.00	39.53 -0.93 0.00	38.27 -1.02 0.00	37.64 -0.89 0.00	37.61 -0.92 0.00	36.51 -1.01 0.00	37.55 -1.00 0.00	38.51 -1.11 0.00	40.84 -1.00 0.00	48.01 -1.69 0.00	52.79 -1.46 0.00	53.92 -1.55 0.00	53.80 -1.78 0.00	52.91 -1.08 0.00	46.02 -0.99 0.00	38.00 -1.22 0.00	32.24 -1.55 0.00
PINELAWN_CC_1 323563	46.62 2.91 -10.98	46.02 2.95 -14.92	44.64 2.70 -17.57	44.55 2.42 -20.11	44.65 2.68 -16.41	44.85 2.83 -10.23	45.73 3.23 -4.97	47.35 3.88 -3.42	46.45 4.09 -1.90	45.91 4.12 -2.50	46.46 4.01 -3.93	48.74 4.12 -6.08	45.01 4.09 -3.40	46.72 3.82 -4.35	51.35 3.84 -7.89	54.97 4.14 -8.98	54.65 4.92 -0.03	63.46 4.83 -4.38	59.68 4.21 0.00	59.53 3.95 0.00	57.18 3.18 0.00	50.21 3.20 0.00	43.26 4.04 0.00	37.86 4.05 -0.01
PJM_GEN_HTTP_PROXY 323702	34.83 2.10 0.00	30.40 2.25 0.00	26.46 2.10 0.00	23.88 1.87 0.00	27.08 2.05 0.52	34.32 2.00 -0.52	39.82 2.29 0.00	43.29 2.92 -0.32	43.34 3.20 0.32	42.51 3.22 0.00	41.73 3.20 0.00	41.92 3.39 0.00	42.78 3.38 -1.87	46.36 3.47 -4.33	51.06 3.57 -7.87	54.53 3.72 -8.97	54.30 4.57 -0.02	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.55 3.56 0.00	50.16 3.15 0.00	42.20 2.98 0.00	36.84 3.04 0.00
PJM_GEN_KEystone 24065	32.83 0.10 0.00	28.40 0.25 0.00	24.78 0.41 0.00	22.43 0.42 0.00	25.39 0.36 0.52	32.54 0.22 -0.52	37.64 0.11 0.00	40.61 0.24 -0.32	40.47 0.32 0.32	39.72 0.43 0.00	39.11 0.58 0.00	39.07 0.54 0.00	39.06 0.56 -0.97	41.27 0.46 -2.25	44.26 0.55 -4.08	47.03 0.54 -4.65	50.50 0.79 0.00	55.20 0.60 -0.35	55.91 0.44 0.00	56.08 0.50 0.00	54.10 0.11 0.00	47.06 0.05 0.00	39.65 0.43 0.00	34.57 0.78 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.26 2.55 -10.98	45.71 2.64 -14.92	44.90 2.44 -18.10	44.92 2.18 -20.72	44.35 2.40 -16.39	45.34 2.48 -11.06	45.47 2.82 -5.12	47.29 3.44 -3.79	45.76 3.68 -1.61	45.52 3.69 -2.55	45.24 3.66 -3.05	46.59 3.78 -4.28	44.64 3.72 -3.40	46.75 3.86 -4.34	51.47 3.96 -7.89	55.00 4.18 -8.98	54.70 4.97 -0.02	60.02 5.10 -0.67	59.91 4.44 0.00	59.75 4.17 0.00	57.12 3.13 0.00	50.07 3.05 0.00	42.59 3.37 0.00	37.25 3.45 -0.01
PJM_GEN_VFT_PROXY 323633	34.73 2.00 0.00	30.31 2.17 0.00	26.39 2.02 0.00	23.82 1.81 0.00	26.98 1.94 0.52	34.16 1.84 -0.52	39.66 2.14 0.00	43.17 2.80 -0.32	43.22 3.07 0.32	42.43 3.14 0.01	41.69 3.16 0.01	40.74 3.35 1.14	41.73 3.34 -0.86	45.81 3.43 -3.83	50.84 3.49 -7.73	54.36 3.55 -8.97	54.15 4.42 -0.02	59.42 4.50 -0.67	59.80 4.33 0.00	59.75 4.17 0.00	57.29 3.29 0.00	50.02 3.05 0.05	41.09 2.98 1.11	36.79 3.01 0.01
PLATSBURG_115KV_PMLD1 355749	33.26 0.52 0.00	28.23 0.08 0.00	24.27 -0.10 0.00	21.86 -0.15 0.00	25.43 -0.13 0.00	32.05 0.25 0.00	38.13 0.60 0.00	40.69 0.64 0.00	41.11 0.65 0.00	39.88 0.59 0.00	39.19 0.66 0.00	39.11 0.58 0.00	38.05 0.53 0.00	39.13 0.58 0.00	40.06 0.44 0.00	42.55 0.71 0.00	50.05 0.35 0.00	54.96 0.71 0.00	56.08 0.61 0.00	55.91 0.33 0.00	54.80 0.81 0.00	47.72 0.71 0.00	39.49 0.27 0.00	33.56 -0.24 0.00
PLEASANTVLY___LBMP 24000	34.27 1.54 0.00	29.92 1.77 0.00	26.02 1.66 0.00	23.49 1.47 0.00	27.17 1.61 0.00	33.29 1.49 0.00	39.14 1.61 0.00	42.21 2.16 0.00	42.77 2.31 0.00	41.61 2.32 0.00	40.84 2.31 0.00	40.96 2.43 0.00	41.96 2.40 -2.03	45.72 2.47 -4.70	50.70 2.54 -8.55	54.25 2.68 -9.73	53.06 3.33 -0.03	58.34 3.36 -0.73	58.85 3.38 0.00	59.14 3.56 0.00	56.53 2.54 0.00	49.31 2.30 0.00	41.45 2.24 0.00	36.09 2.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.63 1.90 0.00	30.20 2.05 0.00	26.27 1.90 0.00	23.71 1.70 0.00	27.42 1.87 0.00	33.60 1.81 0.00	39.55 2.03 0.00	42.65 2.60 0.00	43.30 2.83 0.00	42.16 2.87 0.00	41.38 2.85 0.00	41.50 2.97 0.00	42.38 2.96 -1.89	45.99 3.05 -4.38	50.76 3.17 -7.97	54.22 3.31 -9.07	53.80 4.08 -0.03	59.05 4.12 -0.68	59.63 4.16 0.00	59.92 4.34 0.00	57.18 3.19 0.00	49.88 2.87 0.00	41.92 2.71 0.00	36.53 2.74 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.63 1.90 0.00	30.20 2.05 0.00	26.27 1.90 0.00	23.71 1.70 0.00	27.42 1.87 0.00	33.60 1.81 0.00	39.55 2.03 0.00	42.65 2.60 0.00	43.30 2.83 0.00	42.16 2.87 0.00	41.38 2.85 0.00	41.50 2.97 0.00	42.38 2.96 -1.89	45.99 3.05 -4.38	50.76 3.17 -7.97	54.22 3.31 -9.07	53.80 4.08 -0.03	59.05 4.12 -0.68	59.63 4.16 0.00	59.92 4.34 0.00	57.18 3.19 0.00	49.88 2.87 0.00	41.92 2.71 0.00	36.53 2.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.47 1.73 0.00	30.06 1.91 0.00	26.12 1.75 0.00	23.60 1.59 0.00	27.30 1.74 0.00	33.48 1.68 0.00	39.36 1.84 0.00	42.41 2.36 0.00	42.97 2.51 0.00	41.80 2.51 0.00	41.00 2.47 0.00	41.04 2.50 0.00	41.70 2.48 -1.69	45.06 2.58 -3.92	49.40 2.65 -7.13	52.80 2.85 -8.12	53.35 3.63 -0.02	58.50 3.64 -0.61	59.19 3.72 0.00	59.53 3.95 0.00	56.96 2.97 0.00	49.74 2.73 0.00	41.69 2.47 0.00	36.29 2.50 0.00
POLETTI_____ 23519	34.76 2.03 0.00	30.40 2.25 0.00	26.32 1.95 0.00	23.75 1.74 0.00	27.37 1.81 0.00	31.90 1.40 1.29	31.90 1.54 7.17	31.90 2.16 10.31	31.90 2.39 10.95	31.90 2.51 9.91	31.45 2.54 9.63	31.45 2.77 9.86	31.45 2.78 8.86	31.45 2.85 9.96	32.20 2.93 10.36	34.24 3.05 10.65	32.36 3.78 21.12	38.67 3.80 19.38	39.15 3.72 20.04	39.38 3.89 20.09	36.47 2.65 20.16	31.45 2.35 17.91	32.45 2.31 9.08	31.45 2.40 4.75
POMONA___ESR 323819	34.50 1.77 0.00	30.09 1.94 0.00	26.17 1.80 0.00	23.64 1.63 0.00	27.32 1.76 0.00	33.47 1.68 0.00	39.40 1.88 0.00	42.53 2.48 0.00	43.09 2.63 0.00	42.00 2.71 0.00	41.23 2.70 0.00	41.31 2.78 0.00	42.07 2.78 -1.77	45.50 2.85 -4.09	49.99 2.93 -7.43	53.44 3.14 -8.46	53.61 3.88 -0.02	58.84 3.96 -0.63	59.35 3.88 0.00	59.36 3.78 0.00	57.07 3.08 0.00	49.74 2.73 0.00	41.81 2.59 0.00	36.43 2.64 0.00
PORT_JEFF_3 23555	46.96 3.24 -10.99	46.30 3.24 -14.92	45.20 2.95 -17.89	45.13 2.64 -20.48	45.21 2.94 -16.71	45.35 3.15 -10.42	46.19 3.60 -5.06	47.75 4.17 -3.53	46.89 4.45 -1.98	46.30 4.48 -2.54	60.57 4.31 -17.72	75.56 4.43 -32.60	45.32 4.39 -3.41	47.39 4.43 -4.40	52.07 4.55 -7.90	55.69 4.81 -9.04	55.45 5.71 -0.04	119.10 5.91 -58.93	60.68 5.21 0.00	60.53 4.94 0.00	57.93 3.94 0.00	50.78 3.76 -0.01	43.45 4.24 0.00	38.09 4.29 -0.01
PORT_JEFF_4 23616	46.96 3.24 -10.99	46.30 3.24 -14.92	45.20 2.95 -17.89	45.13 2.64 -20.48	45.21 2.94 -16.71	45.35 3.15 -10.42	46.19 3.60 -5.06	47.75 4.17 -3.53	46.89 4.45 -1.98	46.30 4.48 -2.54	60.57 4.31 -17.72	75.56 4.43 -32.60	45.32 4.39 -3.41	47.39 4.43 -4.40	52.07 4.55 -7.90	55.69 4.81 -9.04	55.45 5.71 -0.04	119.10 5.91 -58.93	60.68 5.21 0.00	60.53 4.94 0.00	57.93 3.94 0.00	50.78 3.76 -0.01	43.45 4.24 0.00	38.09 4.29 -0.01

PORT_JEFF_IC 23713	47.03 3.31 -10.99	46.35 3.29 -14.92	45.24 3.00 -17.87	45.16 2.69 -20.46	45.25 2.99 -16.70	45.41 3.21 -10.41	46.30 3.72 -5.06	47.88 4.29 -3.54	46.98 4.53 -1.99	46.38 4.56 -2.54	62.91 4.39 -19.98	80.00 4.51 -36.96	45.36 4.43 -3.41	47.48 4.51 -4.41	52.16 4.64 -7.90	55.79 4.90 -9.05	55.56 5.82 -0.04	128.17 6.02 -67.89	60.91 5.44 0.00	61.03 5.45 0.00	57.93 3.94 0.00	50.88 3.85 -0.01	43.49 4.27 0.00	38.13 4.33 -0.01
PPL PILGRIM_ST_GT1 24216	46.85 3.14 -10.98	46.21 3.15 -14.92	45.07 2.87 -17.83	45.00 2.57 -20.42	45.08 2.86 -16.66	45.26 3.08 -10.39	46.06 3.49 -5.05	47.44 3.93 -3.46	46.64 4.25 -1.92	46.13 4.32 -2.52	48.63 4.08 -6.02	52.83 4.24 -10.06	45.20 4.28 -3.40	47.15 4.24 -4.35	51.95 4.44 -7.89	55.52 4.69 -8.99	55.34 5.61 -0.03	72.51 5.70 -12.56	60.63 5.16 0.00	60.47 4.89 0.00	57.88 3.89 0.00	50.73 3.71 0.00	43.45 4.24 0.00	38.09 4.29 -0.01
PPL PILGRIM_ST_GT2 24217	46.85 3.14 -10.98	46.21 3.15 -14.92	45.07 2.87 -17.83	45.00 2.57 -20.42	45.08 2.86 -16.66	45.26 3.08 -10.39	46.06 3.49 -5.05	47.44 3.93 -3.46	46.64 4.25 -1.92	46.13 4.32 -2.52	48.63 4.08 -6.02	52.83 4.24 -10.06	45.20 4.28 -3.40	47.15 4.24 -4.35	51.95 4.44 -7.89	55.52 4.69 -8.99	55.34 5.61 -0.03	72.51 5.70 -12.56	60.63 5.16 0.00	60.47 4.89 0.00	57.88 3.89 0.00	50.73 3.71 0.00	43.45 4.24 0.00	38.09 4.29 -0.01
PPL_SHRM_GT3 24213	47.48 3.76 -10.99	46.75 3.69 -14.92	45.56 3.31 -17.88	45.45 2.97 -20.47	45.58 3.32 -16.70	45.83 3.62 -10.41	46.79 4.20 -5.06	48.43 4.84 -3.53	47.54 5.10 -1.98	46.93 5.11 -2.54	61.59 4.97 -18.08	76.88 5.05 -33.30	45.66 4.73 -3.41	47.78 4.82 -4.40	52.35 4.83 -7.90	56.03 5.14 -9.04	55.70 5.96 -0.04	120.80 6.18 -60.36	60.63 5.16 0.00	60.47 4.89 0.00	57.88 3.89 0.00	50.78 3.76 -0.01	43.33 4.12 0.00	37.96 4.16 -0.01
PPL_SHRM_GT4 24214	47.48 3.76 -10.99	46.75 3.69 -14.92	45.56 3.31 -17.88	45.45 2.97 -20.47	45.58 3.32 -16.70	45.83 3.62 -10.41	46.79 4.20 -5.06	48.43 4.84 -3.53	47.54 5.10 -1.98	46.93 5.11 -2.54	61.59 4.97 -18.08	76.88 5.05 -33.30	45.66 4.73 -3.41	47.78 4.82 -4.40	52.35 4.83 -7.90	56.03 5.14 -9.04	55.70 5.96 -0.04	120.80 6.18 -60.36	60.63 5.16 0.00	60.47 4.89 0.00	57.88 3.89 0.00	50.78 3.76 -0.01	43.33 4.12 0.00	37.96 4.16 -0.01
PROJECT___ORANGE 1 24174	32.50 -0.23 0.00	27.98 -0.17 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.34 -0.19 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.42 -0.20 0.00	41.63 -0.21 0.00	49.40 -0.30 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.64 -0.38 0.00	38.98 -0.24 0.00	33.76 -0.03 0.00
PROJECT___ORANGE 2 24166	32.50 -0.23 0.00	27.98 -0.17 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.34 -0.19 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.42 -0.20 0.00	41.63 -0.21 0.00	49.40 -0.30 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.64 -0.38 0.00	38.98 -0.24 0.00	33.76 -0.03 0.00
PUCKETT___SOLAR 323809	33.25 0.52 0.00	28.65 0.51 0.00	24.93 0.56 0.00	22.54 0.53 0.00	26.10 0.54 0.00	32.46 0.67 0.00	38.24 0.71 0.00	40.77 0.72 0.00	41.15 0.69 0.00	39.91 0.63 0.00	39.23 0.69 0.00	39.23 0.69 0.00	38.24 0.64 -0.08	39.31 0.58 -0.17	40.61 0.67 -0.32	42.91 0.71 -0.36	50.85 1.14 0.00	55.48 1.19 -0.03	56.75 1.28 0.00	57.08 1.50 0.00	55.34 1.35 0.00	48.09 1.08 0.00	40.20 0.98 0.00	34.84 1.05 0.00
PYRITES___HYD 24023	32.63 -0.10 0.00	27.67 -0.48 0.00	23.68 -0.68 0.00	21.33 -0.68 0.00	24.82 -0.74 0.00	31.35 -0.45 0.00	37.60 0.08 0.00	40.01 -0.04 0.00	40.30 -0.16 0.00	38.93 -0.35 0.00	38.26 -0.27 0.00	38.18 -0.35 0.00	37.08 -0.45 0.00	38.17 -0.39 0.00	39.19 -0.44 0.00	41.55 -0.29 0.00	48.96 -0.75 0.00	53.93 -0.33 0.00	55.30 -0.17 0.00	55.25 -0.33 0.00	54.42 0.43 0.00	47.29 0.28 0.00	38.98 -0.24 0.00	33.05 -0.74 0.00
QUAKERRD_115KV_BK1 80622	31.06 -1.67 0.00	26.57 -1.58 0.00	23.22 -1.15 0.00	21.05 -0.97 0.00	24.33 -1.23 0.00	30.46 -1.34 0.00	35.76 -1.76 0.00	37.85 -2.20 0.00	38.36 -2.10 0.00	37.28 -2.00 0.00	36.68 -1.85 0.00	36.57 -1.97 0.00	35.76 -1.76 0.00	36.67 -1.89 0.00	37.76 -1.86 0.00	39.75 -2.09 0.00	46.67 -3.03 0.00	51.43 -2.82 0.00	52.75 -2.72 0.00	53.14 -2.45 0.00	51.29 -2.70 0.00	44.47 -2.54 0.00	37.30 -1.92 0.00	32.27 -1.52 0.00
QUENSBRY_115KV_TB8 356137	34.24 1.51 0.00	29.72 1.58 0.00	25.85 1.49 0.00	23.36 1.34 0.00	27.14 1.58 0.00	33.44 1.65 0.00	39.33 1.80 0.00	42.17 2.12 0.00	42.45 1.98 0.00	40.90 1.61 0.00	39.96 1.43 0.00	39.96 1.43 0.00	38.78 1.39 0.13	39.90 1.66 0.31	40.92 1.86 0.56	43.42 2.22 0.64	52.58 2.88 0.00	56.94 2.71 0.03	58.69 3.22 0.00	59.19 3.61 0.00	57.18 3.19 0.00	49.64 2.63 0.00	41.34 2.12 0.00	35.82 2.03 0.00
RAMAPO___LBMP 323565	34.40 1.67 0.00	30.00 1.86 0.00	26.07 1.71 0.00	23.56 1.54 0.00	27.22 1.66 0.00	33.38 1.59 0.00	39.29 1.76 0.00	42.41 2.36 0.00	42.97 2.51 0.00	41.88 2.59 0.00	41.11 2.58 0.00	41.19 2.66 0.00	41.93 2.66 -1.74	45.33 2.74 -4.03	49.77 2.81 -7.33	53.16 2.97 -8.35	53.40 3.68 -0.02	58.62 3.74 -0.62	59.24 3.77 0.00	59.58 4.00 0.00	56.80 2.81 0.00	49.55 2.54 0.00	41.65 2.43 0.00	36.29 2.50 0.00
RANKINE____ 23646	31.03 -1.70 0.00	26.40 -1.74 0.00	23.27 -1.10 0.00	21.11 -0.90 0.00	24.28 -1.28 0.00	30.49 -1.30 0.00	35.61 -1.91 0.00	37.49 -2.56 0.00	38.00 -2.47 0.00	36.97 -2.32 0.00	36.53 -2.00 0.00	36.30 -2.23 0.00	35.43 -2.10 0.00	36.24 -2.31 0.00	37.32 -2.30 0.00	39.25 -2.59 0.00	46.77 -2.88 0.05	50.67 -3.58 0.00	52.14 -3.33 0.00	52.75 -2.83 0.00	50.59 -3.40 0.00	43.91 -3.10 0.00	37.14 -2.08 0.00	32.48 -1.32 0.00
RAVENSWOOD_GT2_1 24244	34.83 2.09 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.62 3.16 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.06 3.57 -7.88	54.53 3.72 -8.97	54.30 4.57 -0.02	59.59 4.67 -0.67	60.07 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00
RAVENSWOOD_GT2_2 24245	34.83 2.09 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.62 3.16 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.06 3.57 -7.88	54.53 3.72 -8.97	54.30 4.57 -0.02	59.59 4.67 -0.67	60.07 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00

RAVENSWOOD_GT2_3 24246	34.86 2.13 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.63 2.07 0.00	33.79 2.00 0.00	39.81 2.29 0.00	43.01 2.96 0.00	43.66 3.20 0.00	42.55 3.26 0.00	41.81 3.28 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.10 3.61 -7.88	54.58 3.77 -8.97	54.35 4.62 -0.02	59.59 4.67 -0.67	60.13 4.66 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00
RAVENSWOOD_GT2_4 24247	34.86 2.13 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.63 2.07 0.00	33.79 2.00 0.00	39.81 2.29 0.00	43.01 2.96 0.00	43.66 3.20 0.00	42.55 3.26 0.00	41.81 3.28 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.10 3.61 -7.88	54.58 3.77 -8.97	54.35 4.62 -0.02	59.59 4.67 -0.67	60.13 4.66 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00
RAVENSWOOD_GT3_1 24248	34.86 2.13 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.66 3.20 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.10 3.61 -7.88	54.53 3.72 -8.97	54.35 4.62 -0.02	59.59 4.67 -0.67	60.07 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00
RAVENSWOOD_GT3_2 24249	34.86 2.13 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.66 3.20 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.10 3.61 -7.88	54.53 3.72 -8.97	54.35 4.62 -0.02	59.59 4.67 -0.67	60.07 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00
RAVENSWOOD_GT3_3 24250	34.89 2.16 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.92 0.00	27.63 2.07 0.00	33.83 2.03 0.00	39.85 2.33 0.00	43.05 3.00 0.00	43.70 3.24 0.00	42.59 3.30 0.00	41.84 3.31 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.44 3.55 -4.33	51.14 3.65 -7.88	54.62 3.81 -8.97	54.40 4.67 -0.02	59.64 4.72 -0.67	60.18 4.71 0.00	60.47 4.89 0.00	57.56 3.56 0.00	50.25 3.24 0.00	42.28 3.06 0.00	36.90 3.11 0.00
RAVENSWOOD_GT3_4 24251	34.89 2.16 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.92 0.00	27.63 2.07 0.00	33.83 2.03 0.00	39.85 2.33 0.00	43.05 3.00 0.00	43.70 3.24 0.00	42.59 3.30 0.00	41.84 3.31 0.00	42.00 3.47 0.00	42.85 3.45 -1.87	46.44 3.55 -4.33	51.14 3.65 -7.88	54.62 3.81 -8.97	54.40 4.67 -0.02	59.64 4.72 -0.67	60.18 4.71 0.00	60.47 4.89 0.00	57.56 3.56 0.00	50.25 3.24 0.00	42.28 3.06 0.00	36.90 3.11 0.00
RAVENSWOOD_GT_1 23729	34.96 2.23 0.00	30.57 2.42 -0.01	26.59 2.22 0.00	24.00 1.98 0.00	27.71 2.15 0.00	33.83 2.03 0.00	39.86 2.33 0.00	43.02 2.96 0.00	43.67 3.20 0.00	42.60 3.30 -0.01	41.85 3.31 -0.01	43.74 3.54 -1.66	44.40 3.53 -3.34	47.25 3.62 -5.07	51.43 3.72 -8.09	54.70 3.89 -8.97	54.50 4.77 -0.03	59.76 4.83 -0.67	60.24 4.77 0.00	60.53 4.95 0.00	57.61 3.62 0.00	50.32 3.24 -0.07	43.87 3.06 -1.60	36.88 3.08 -0.01
RAVENSWOOD_GT_10 24258	34.83 2.09 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.66 3.20 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.06 3.57 -7.88	54.53 3.72 -8.97	54.30 4.57 -0.02	59.59 4.67 -0.67	60.07 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00
RAVENSWOOD_GT_11 24259	34.83 2.09 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.66 3.20 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.06 3.57 -7.88	54.53 3.72 -8.97	54.30 4.57 -0.02	59.59 4.67 -0.67	60.07 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00
RAVENSWOOD_GT_4 24252	34.83 2.09 0.00	30.39 2.25 0.01	26.46 2.10 0.00	23.89 1.87 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.82 2.29 0.00	42.98 2.92 0.00	43.67 3.20 0.00	42.51 3.22 -0.01	41.77 3.24 -0.01	43.23 3.43 -1.27	43.89 3.38 -2.99	46.92 3.47 -4.89	51.22 3.57 -8.04	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	60.08 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.45 3.02 -1.22	36.88 3.08 -0.01
RAVENSWOOD_GT_5 24254	34.83 2.09 0.00	30.39 2.25 0.01	26.46 2.10 0.00	23.89 1.87 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.82 2.29 0.00	42.98 2.92 0.00	43.67 3.20 0.00	42.51 3.22 -0.01	41.77 3.24 -0.01	43.23 3.43 -1.27	43.89 3.38 -2.99	46.92 3.47 -4.89	51.22 3.57 -8.04	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	60.08 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.45 3.02 -1.22	36.88 3.08 -0.01
RAVENSWOOD_GT_6 24253	34.83 2.09 0.00	30.39 2.25 0.01	26.46 2.10 0.00	23.89 1.87 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.82 2.29 0.00	42.98 2.92 0.00	43.67 3.20 0.00	42.51 3.22 -0.01	41.77 3.24 -0.01	43.23 3.43 -1.27	43.89 3.38 -2.99	46.92 3.47 -4.89	51.22 3.57 -8.04	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	60.08 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.45 3.02 -1.22	36.88 3.08 -0.01
RAVENSWOOD_GT_7 24255	34.83 2.09 0.00	30.39 2.25 0.01	26.46 2.10 0.00	23.89 1.87 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.82 2.29 0.00	42.98 2.92 0.00	43.67 3.20 0.00	42.51 3.22 -0.01	41.77 3.24 -0.01	43.23 3.43 -1.27	43.89 3.38 -2.99	46.92 3.47 -4.89	51.22 3.57 -8.04	54.53 3.72 -8.97	54.30 4.57 -0.03	59.59 4.67 -0.67	60.08 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.26 3.20 -0.05	43.45 3.02 -1.22	36.88 3.08 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.83 2.09 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.66 3.20 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.06 3.57 -7.88	54.53 3.72 -8.97	54.30 4.57 -0.02	59.59 4.67 -0.67	60.07 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00
RAVENSWOOD_GT_9 24257	34.83 2.09 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.04 0.00	33.79 2.00 0.00	39.81 2.29 0.00	42.97 2.92 0.00	43.66 3.20 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.06 3.57 -7.88	54.53 3.72 -8.97	54.30 4.57 -0.02	59.59 4.67 -0.67	60.07 4.60 0.00	60.36 4.78 0.00	57.50 3.51 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.87 3.08 0.00

RAVENSWOOD___1 23533	34.93 2.19 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	24.00 1.98 0.00	27.68 2.12 0.00	33.83 2.04 0.00	39.82 2.29 0.00	42.97 2.92 0.00	43.66 3.20 0.00	42.55 3.26 0.00	41.85 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.22 3.72 -7.88	54.70 3.89 -8.97	54.45 4.72 -0.02	59.75 4.83 -0.67	60.07 4.60 0.00	60.08 4.50 0.00	57.61 3.62 0.00	50.25 3.24 0.00	42.28 3.06 0.00	36.87 3.07 0.00
RAVENSWOOD___2 23534	34.89 2.16 0.00	30.54 2.39 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.68 2.12 0.00	33.80 2.00 0.00	39.78 2.25 0.00	42.97 2.92 0.00	43.62 3.16 0.00	42.55 3.26 0.00	41.85 3.31 0.00	42.04 3.51 0.00	42.89 3.49 -1.87	46.47 3.59 -4.33	51.18 3.69 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.70 4.78 -0.67	60.07 4.60 0.00	60.03 4.45 0.00	57.61 3.62 0.00	50.21 3.20 0.00	42.28 3.06 0.00	36.84 3.04 0.00
RAVENSWOOD___3 23535	34.86 2.13 0.00	30.42 2.28 0.00	26.49 2.12 0.00	23.91 1.89 0.00	27.60 2.05 0.00	33.80 2.00 0.00	39.82 2.29 0.00	42.97 2.92 0.00	43.66 3.20 0.00	42.51 3.22 0.00	41.77 3.24 0.00	41.96 3.43 0.00	42.81 3.41 -1.87	46.40 3.51 -4.33	51.10 3.61 -7.88	54.58 3.77 -8.97	54.35 4.62 -0.02	59.59 4.67 -0.67	59.96 4.49 0.00	59.97 4.39 0.00	57.55 3.56 0.00	50.21 3.20 0.00	42.24 3.02 0.00	36.84 3.04 0.00
RAVENSWOOD___4 23820	34.89 2.16 0.00	30.52 2.36 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.65 2.10 0.00	33.79 2.00 0.00	39.77 2.25 0.00	42.97 2.92 0.00	43.62 3.16 0.00	42.54 3.26 0.01	41.80 3.27 0.01	40.40 3.51 1.64	41.44 3.49 -0.42	45.75 3.59 -3.61	50.98 3.69 -7.67	54.66 3.85 -8.97	54.40 4.67 -0.02	59.70 4.78 -0.67	60.02 4.55 0.00	60.03 4.45 0.00	57.61 3.62 0.00	50.14 3.20 0.06	40.66 3.02 1.58	36.83 3.04 0.01
RCPL_TRUST___DRP 24196	35.09 2.36 0.00	30.62 2.48 0.00	26.63 2.27 0.00	24.04 2.03 0.00	27.78 2.22 0.00	34.02 2.23 0.00	40.12 2.59 0.00	43.33 3.28 0.00	44.07 3.60 0.00	42.86 3.58 0.00	42.08 3.54 0.00	42.23 3.70 0.00	43.07 3.68 -1.87	46.67 3.78 -4.33	51.38 3.88 -7.87	55.03 4.23 -8.97	54.90 5.17 -0.02	60.19 5.26 -0.67	60.68 5.21 0.00	60.92 5.34 0.00	57.99 4.00 0.00	50.49 3.48 0.00	42.43 3.22 0.00	37.11 3.31 0.00
RED___ROCHESTER 323720	31.72 -1.01 0.00	27.08 -1.07 0.00	23.69 -0.68 0.00	21.49 -0.53 0.00	24.84 -0.72 0.00	31.09 -0.70 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.17 -1.30 0.00	38.11 -1.18 0.00	37.49 -1.04 0.00	37.38 -1.15 0.00	36.55 -0.98 0.00	37.40 -1.16 0.00	38.59 -1.03 0.00	40.59 -1.25 0.00	47.32 -2.38 0.00	52.52 -1.74 0.00	53.53 -1.94 0.00	53.86 -1.72 0.00	52.48 -1.51 0.00	45.46 -1.55 0.00	38.12 -1.10 0.00	32.95 -0.84 0.00
REGAN___SOLAR 323812	34.56 1.83 0.00	29.95 1.80 0.00	26.02 1.66 0.00	23.51 1.50 0.00	27.32 1.76 0.00	33.76 1.97 0.00	39.66 2.14 0.00	42.29 2.24 0.00	42.53 2.06 0.00	40.98 1.69 0.00	40.11 1.58 0.00	40.15 1.62 0.00	38.98 1.58 0.12	40.04 1.77 0.29	41.04 1.94 0.52	43.54 2.30 0.60	52.78 3.08 0.00	57.37 3.15 0.03	59.13 3.66 0.00	59.75 4.17 0.00	57.99 4.00 0.00	50.35 3.34 0.00	41.85 2.63 0.00	36.19 2.40 0.00
RENSSELAER___COGEN 23796	33.13 0.39 0.00	28.99 0.84 0.00	25.22 0.85 0.00	22.81 0.79 0.00	26.40 0.84 0.00	32.24 0.44 0.00	37.82 0.30 0.00	40.61 0.56 0.00	40.83 0.36 0.00	39.60 0.31 0.00	38.69 0.15 0.00	38.72 0.19 0.00	37.65 0.23 0.10	38.62 0.31 0.24	39.46 0.28 0.44	41.55 0.21 0.50	50.25 0.55 0.00	54.50 0.27 0.02	55.75 0.28 0.00	56.08 0.50 0.00	54.37 0.38 0.00	47.34 0.33 0.00	39.73 0.51 0.00	34.54 0.74 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.15 2.42 0.00	30.51 2.36 0.00	26.56 2.19 0.00	24.00 1.98 0.00	27.91 2.35 0.00	34.46 2.67 0.00	40.49 2.96 0.00	43.37 3.32 0.00	43.62 3.16 0.00	41.76 2.48 0.00	40.73 2.20 0.00	40.80 2.27 0.00	39.61 2.21 0.13	40.83 2.58 0.31	42.03 2.97 0.56	44.80 3.60 0.64	54.27 4.57 0.00	58.84 4.61 0.03	60.91 5.44 0.00	61.58 6.00 0.00	59.44 5.45 0.00	51.48 4.47 0.00	42.71 3.49 0.00	37.00 3.21 0.00
REVERE_CPPR_DRP 24186	33.58 0.85 0.00	28.90 0.76 0.00	25.03 0.66 0.00	22.61 0.59 0.00	26.22 0.66 0.00	32.59 0.79 0.00	38.46 0.94 0.00	40.97 0.92 0.00	41.40 0.93 0.00	40.11 0.83 0.00	39.42 0.89 0.00	39.46 0.92 0.00	38.31 0.79 0.00	39.40 0.85 0.00	40.61 0.99 0.00	42.93 1.09 0.00	51.24 1.54 0.00	56.10 1.84 0.00	57.52 2.05 0.00	57.80 2.22 0.00	55.99 2.00 0.00	48.56 1.55 0.00	40.36 1.14 0.00	34.88 1.08 0.00
REYNLDPA_13_KV_LD 356490	32.90 0.16 0.00	27.95 -0.20 0.00	24.00 -0.37 0.00	21.64 -0.37 0.00	25.18 -0.38 0.00	31.70 -0.10 0.00	37.71 0.19 0.00	40.21 0.16 0.00	40.63 0.16 0.00	39.44 0.16 0.00	38.80 0.27 0.00	38.76 0.23 0.00	37.71 0.19 0.00	38.79 0.23 0.00	39.74 0.12 0.00	42.05 0.21 0.00	49.70 0.00 0.00	54.47 0.22 0.00	55.53 0.06 0.00	55.41 -0.17 0.00	54.37 0.38 0.00	47.39 0.38 0.00	39.26 0.04 0.00	33.35 -0.44 0.00
REYNOLDS_115KV_TB3 80639	33.32 0.59 0.00	29.13 0.99 0.00	25.34 0.97 0.00	22.90 0.88 0.00	26.53 0.97 0.00	32.43 0.64 0.00	38.09 0.56 0.00	40.85 0.80 0.00	41.07 0.61 0.00	39.84 0.55 0.00	38.88 0.35 0.00	38.92 0.39 0.00	37.82 0.38 0.08	38.79 0.42 0.19	39.67 0.40 0.35	41.78 0.33 0.40	50.35 0.65 0.00	54.69 0.43 0.00	56.08 0.61 0.00	56.58 1.00 0.00	54.64 0.65 0.00	47.62 0.61 0.00	39.96 0.75 0.00	34.77 0.98 0.00
RIVERBAY____ 323610	35.22 2.49 0.00	30.85 2.70 -0.01	26.76 2.39 0.00	24.15 2.14 0.00	27.86 2.30 0.00	33.92 2.13 0.00	39.89 2.36 0.00	43.05 3.00 0.00	43.70 3.24 0.00	42.59 3.30 0.00	41.84 3.31 0.00	42.15 3.62 0.00	42.89 3.49 -1.87	46.44 3.55 -4.33	51.18 3.68 -7.88	54.66 3.85 -8.97	54.45 4.72 -0.02	59.70 4.77 -0.67	60.24 4.77 0.00	60.53 4.95 0.00	57.61 3.62 0.00	50.30 3.29 0.00	42.32 3.10 0.00	36.94 3.14 0.00
RIVERSDE_115KV_TB3 55908	33.22 0.49 0.00	29.07 0.93 0.00	25.29 0.93 0.00	22.87 0.86 0.00	26.48 0.92 0.00	32.36 0.57 0.00	37.98 0.45 0.00	40.77 0.72 0.00	40.99 0.53 0.00	39.76 0.47 0.00	38.84 0.31 0.00	38.88 0.35 0.00	37.77 0.34 0.10	38.71 0.39 0.23	39.61 0.40 0.41	41.71 0.33 0.47	50.30 0.60 0.00	54.61 0.38 0.02	56.02 0.55 0.00	56.47 0.89 0.00	54.53 0.54 0.00	47.53 0.52 0.00	39.88 0.67 0.00	34.67 0.88 0.00
ROARING___BROOK_WT_PWR 323790	32.51 -0.23 0.00	27.84 -0.31 0.00	24.03 -0.34 0.00	21.66 -0.35 0.00	25.15 -0.41 0.00	31.35 -0.45 0.00	37.11 -0.41 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.27 0.00	38.26 -0.27 0.00	38.18 -0.35 0.00	37.15 -0.38 0.00	38.17 -0.39 0.00	39.23 -0.40 0.00	41.55 -0.29 0.00	49.21 -0.50 0.00	53.82 -0.44 0.00	55.08 -0.39 0.00	55.30 -0.28 0.00	53.67 -0.32 0.00	46.73 -0.28 0.00	38.95 -0.27 0.00	33.52 -0.27 0.00

ROCHESRG_115KV_T4 355643	31.46 -1.28 0.00	26.88 -1.27 0.00	23.51 -0.85 0.00	21.33 -0.68 0.00	24.64 -0.92 0.00	30.87 -0.92 0.00	36.17 -1.35 0.00	38.25 -1.80 0.00	38.77 -1.70 0.00	37.68 -1.61 0.00	37.11 -1.43 0.00	36.95 -1.58 0.00	36.14 -1.39 0.00	37.05 -1.50 0.00	38.12 -1.51 0.00	40.13 -1.72 0.00	47.02 -2.68 0.00	51.87 -2.39 0.00	53.25 -2.22 0.00	53.69 -1.89 0.00	51.78 -2.21 0.00	44.90 -2.12 0.00	37.69 -1.53 0.00	32.68 -1.12 0.00
ROCHESTER_9_IC 23652	31.59 -1.15 0.00	26.99 -1.15 0.00	23.61 -0.76 0.00	21.42 -0.59 0.00	24.74 -0.82 0.00	31.00 -0.79 0.00	36.36 -1.16 0.00	38.49 -1.56 0.00	38.97 -1.50 0.00	37.91 -1.38 0.00	37.30 -1.23 0.00	37.18 -1.35 0.00	36.36 -1.16 0.00	37.28 -1.27 0.00	38.35 -1.27 0.00	40.38 -1.46 0.00	47.32 -2.39 0.00	52.25 -2.01 0.00	53.64 -1.83 0.00	54.08 -1.50 0.00	52.16 -1.84 0.00	45.18 -1.83 0.00	37.92 -1.29 0.00	32.85 -0.95 0.00
ROCKVIEW_13_KV_LD 356306	34.79 2.06 0.00	30.34 2.20 0.00	26.41 2.05 0.00	23.82 1.81 0.00	27.55 1.99 0.00	33.76 1.97 0.00	39.74 2.21 0.00	42.89 2.84 0.00	43.54 3.08 0.00	42.43 3.14 0.00	41.69 3.16 0.00	41.81 3.28 0.00	42.66 3.26 -1.87	46.24 3.35 -4.33	50.94 3.45 -7.88	54.45 3.64 -8.97	54.20 4.47 -0.02	59.48 4.56 -0.67	60.02 4.55 0.00	60.31 4.72 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.16 2.94 0.00	36.77 2.97 0.00
ROME____115KV_TB2 80656	33.58 0.85 0.00	28.90 0.76 0.00	25.03 0.66 0.00	22.61 0.59 0.00	26.22 0.66 0.00	32.59 0.79 0.00	38.46 0.94 0.00	40.97 0.92 0.00	41.40 0.93 0.00	40.11 0.83 0.00	39.42 0.89 0.00	39.46 0.92 0.00	38.31 0.79 0.00	39.40 0.85 0.00	40.61 0.99 0.00	42.93 1.09 0.00	51.24 1.54 0.00	56.10 1.84 0.00	57.52 2.05 0.00	57.80 2.22 0.00	55.99 2.00 0.00	48.56 1.55 0.00	40.36 1.14 0.00	34.88 1.08 0.00
ROSETON___1 23587	34.30 1.57 0.00	29.92 1.77 0.00	26.02 1.66 0.00	23.51 1.50 0.00	27.17 1.61 0.00	33.32 1.53 0.00	39.22 1.69 0.00	42.25 2.20 0.00	42.81 2.35 0.00	41.68 2.40 0.00	40.92 2.39 0.00	41.00 2.47 0.00	41.83 2.48 -1.83	45.34 2.54 -4.24	49.95 2.61 -7.71	53.38 2.76 -8.78	53.21 3.48 -0.02	58.39 3.48 -0.66	58.85 3.38 0.00	58.92 3.33 0.00	56.69 2.70 0.00	49.41 2.40 0.00	41.49 2.27 0.00	36.16 2.36 0.00
ROSETON___2 23588	34.30 1.57 0.00	29.92 1.77 0.00	26.02 1.66 0.00	23.51 1.50 0.00	27.17 1.61 0.00	33.32 1.53 0.00	39.22 1.69 0.00	42.25 2.20 0.00	42.81 2.35 0.00	41.68 2.40 0.00	40.92 2.39 0.00	41.00 2.47 0.00	41.83 2.48 -1.83	45.34 2.54 -4.24	49.95 2.61 -7.71	53.38 2.76 -8.78	53.21 3.48 -0.02	58.39 3.48 -0.66	58.85 3.38 0.00	58.92 3.33 0.00	56.69 2.70 0.00	49.41 2.40 0.00	41.49 2.27 0.00	36.16 2.36 0.00
ROTRRDAM_115KV_TB3 80664	33.55 0.82 0.00	29.13 0.99 0.00	25.29 0.93 0.00	22.85 0.84 0.00	26.50 0.95 0.00	32.65 0.86 0.00	38.39 0.86 0.00	41.13 1.08 0.00	41.44 0.97 0.00	40.15 0.86 0.00	39.30 0.77 0.00	39.30 0.77 0.00	38.13 0.75 0.15	39.02 0.81 0.35	39.86 0.87 0.63	42.09 0.96 0.72	51.04 1.34 0.00	55.36 1.14 0.04	56.80 1.33 0.00	57.19 1.61 0.00	55.29 1.30 0.00	48.14 1.13 0.00	40.28 1.06 0.00	34.91 1.12 0.00
RUSSELL___1 23602	31.72 -1.01 0.00	27.08 -1.07 0.00	23.68 -0.68 0.00	21.49 -0.53 0.00	24.84 -0.72 0.00	31.12 -0.67 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.17 -1.29 0.00	38.11 -1.18 0.00	37.49 -1.04 0.00	37.37 -1.16 0.00	36.55 -0.98 0.00	37.48 -1.08 0.00	38.59 -1.03 0.00	40.59 -1.26 0.00	47.57 -2.14 0.00	52.52 -1.74 0.00	53.97 -1.50 0.00	54.41 -1.17 0.00	52.48 -1.51 0.00	45.46 -1.55 0.00	38.12 -1.10 0.00	32.98 -0.81 0.00
RUSSELL___2 23532	31.72 -1.01 0.00	27.08 -1.07 0.00	23.68 -0.68 0.00	21.49 -0.53 0.00	24.84 -0.72 0.00	31.12 -0.67 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.17 -1.29 0.00	38.11 -1.18 0.00	37.49 -1.04 0.00	37.37 -1.16 0.00	36.55 -0.98 0.00	37.48 -1.08 0.00	38.59 -1.03 0.00	40.59 -1.26 0.00	47.57 -2.14 0.00	52.52 -1.74 0.00	53.97 -1.50 0.00	54.41 -1.17 0.00	52.48 -1.51 0.00	45.46 -1.55 0.00	38.12 -1.10 0.00	32.98 -0.81 0.00
RUSSELL___3 23549	31.72 -1.01 0.00	27.08 -1.07 0.00	23.68 -0.68 0.00	21.49 -0.53 0.00	24.84 -0.72 0.00	31.12 -0.67 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.17 -1.29 0.00	38.11 -1.18 0.00	37.49 -1.04 0.00	37.37 -1.16 0.00	36.55 -0.98 0.00	37.48 -1.08 0.00	38.59 -1.03 0.00	40.59 -1.26 0.00	47.57 -2.14 0.00	52.52 -1.74 0.00	53.97 -1.50 0.00	54.41 -1.17 0.00	52.48 -1.51 0.00	45.46 -1.55 0.00	38.12 -1.10 0.00	32.98 -0.81 0.00
RUSSELL___4 23556	31.72 -1.01 0.00	27.08 -1.07 0.00	23.68 -0.68 0.00	21.49 -0.53 0.00	24.84 -0.72 0.00	31.12 -0.67 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.17 -1.29 0.00	38.11 -1.18 0.00	37.49 -1.04 0.00	37.37 -1.16 0.00	36.55 -0.98 0.00	37.48 -1.08 0.00	38.59 -1.03 0.00	40.59 -1.26 0.00	47.57 -2.14 0.00	52.52 -1.74 0.00	53.97 -1.50 0.00	54.41 -1.17 0.00	52.48 -1.51 0.00	45.46 -1.55 0.00	38.12 -1.10 0.00	32.98 -0.81 0.00
RUSSELL___STATION 23914	31.72 -1.01 0.00	27.08 -1.07 0.00	23.68 -0.68 0.00	21.49 -0.53 0.00	24.84 -0.72 0.00	31.12 -0.67 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.17 -1.29 0.00	38.11 -1.18 0.00	37.49 -1.04 0.00	37.37 -1.16 0.00	36.55 -0.98 0.00	37.48 -1.08 0.00	38.59 -1.03 0.00	40.59 -1.26 0.00	47.57 -2.14 0.00	52.52 -1.74 0.00	53.97 -1.50 0.00	54.41 -1.17 0.00	52.48 -1.51 0.00	45.46 -1.55 0.00	38.12 -1.10 0.00	32.98 -0.81 0.00
S SALMON___HYD 24043	32.44 -0.30 0.00	27.86 -0.28 0.00	24.17 -0.20 0.00	21.84 -0.18 0.00	25.25 -0.31 0.00	31.41 -0.38 0.00	37.08 -0.45 0.00	39.33 -0.72 0.00	39.74 -0.73 0.00	38.58 -0.71 0.00	37.91 -0.62 0.00	37.91 -0.62 0.00	36.89 -0.64 0.00	37.86 -0.69 0.00	38.99 -0.64 0.00	41.21 -0.63 0.00	48.86 -0.85 0.00	53.49 -0.76 0.00	54.86 -0.61 0.00	55.08 -0.50 0.00	53.56 -0.43 0.00	46.50 -0.52 0.00	38.86 -0.35 0.00	33.59 -0.20 0.00
S.PERRY__115KV_TB1 80734	32.47 -0.26 0.00	27.69 -0.45 0.00	24.22 -0.15 0.00	21.97 -0.04 0.00	25.35 -0.20 0.00	31.85 0.06 0.00	37.41 -0.11 0.00	39.65 -0.40 0.00	39.98 -0.49 0.00	38.58 -0.71 0.00	37.88 -0.66 0.00	37.68 -0.85 0.00	36.70 -0.83 0.00	37.51 -1.04 0.00	38.55 -1.07 0.00	40.75 -1.09 0.00	48.58 -1.29 -0.17	53.49 -0.76 0.00	55.47 0.00 0.00	56.47 0.89 0.00	54.59 0.59 0.00	47.20 0.19 0.00	39.49 0.27 0.00	34.03 0.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.77 -1.96 0.00	26.17 -1.97 0.00	23.05 -1.32 0.00	20.94 -1.08 0.00	24.10 -1.46 0.00	30.27 -1.53 0.00	35.31 -2.21 0.00	37.13 -2.92 0.00	37.59 -2.87 0.00	36.58 -2.71 0.00	36.14 -2.39 0.00	35.95 -2.58 0.00	35.12 -2.40 0.00	35.93 -2.62 0.00	37.01 -2.62 0.00	38.87 -2.97 0.00	45.93 -3.73 0.05	50.13 -4.12 0.00	51.48 -3.99 0.00	52.08 -3.50 0.00	49.94 -4.05 0.00	43.34 -3.67 0.00	36.67 -2.55 0.00	32.10 -1.69 0.00

SAWYER___23_KV_LOAD 55526	30.77 -1.96 0.00	26.17 -1.97 0.00	23.05 -1.32 0.00	20.94 -1.08 0.00	24.10 -1.46 0.00	30.27 -1.53 0.00	35.31 -2.21 0.00	37.13 -2.92 0.00	37.59 -2.87 0.00	36.58 -2.71 0.00	36.14 -2.39 0.00	35.95 -2.58 0.00	35.12 -2.40 0.00	35.93 -2.62 0.00	37.01 -2.62 0.00	38.87 -2.97 0.00	45.93 -3.73 0.05	50.13 -4.12 0.00	51.48 -3.99 0.00	52.08 -3.50 0.00	49.94 -4.05 0.00	43.34 -3.67 0.00	36.67 -2.55 0.00	32.10 -1.69 0.00
SELKIRK___I 23801	33.35 0.62 0.00	29.07 0.93 0.00	25.29 0.93 0.00	22.85 0.84 0.00	26.48 0.92 0.00	32.49 0.70 0.00	38.09 0.56 0.00	40.77 0.72 0.00	40.99 0.52 0.00	39.72 0.43 0.00	38.80 0.27 0.00	38.84 0.31 0.00	37.86 0.34 0.00	38.98 0.42 0.00	40.06 0.44 0.00	42.35 0.50 0.00	50.55 0.84 0.00	54.91 0.65 0.00	56.14 0.67 0.00	56.47 0.89 0.00	54.80 0.81 0.00	47.72 0.71 0.00	40.00 0.78 0.00	34.74 0.94 0.00
SELKIRK___II 23799	33.22 0.49 0.00	28.99 0.84 0.00	25.20 0.83 0.00	22.78 0.77 0.00	26.38 0.82 0.00	32.33 0.54 0.00	37.98 0.45 0.00	40.73 0.68 0.00	40.99 0.52 0.00	39.80 0.51 0.00	38.92 0.39 0.00	38.92 0.39 0.00	37.81 0.41 0.13	38.71 0.46 0.31	39.54 0.48 0.56	41.66 0.46 0.64	50.49 0.79 0.00	54.76 0.54 0.03	56.02 0.55 0.00	56.30 0.72 0.00	54.59 0.59 0.00	47.58 0.57 0.00	39.88 0.67 0.00	34.64 0.85 0.00
SENECA OSWGO___HYD 24041	32.11 -0.62 0.00	27.64 -0.51 0.00	24.00 -0.36 0.00	21.71 -0.31 0.00	25.15 -0.41 0.00	31.25 -0.54 0.00	36.85 -0.67 0.00	39.09 -0.96 0.00	39.57 -0.89 0.00	38.42 -0.86 0.00	37.68 -0.85 0.00	37.68 -0.85 0.00	36.74 -0.79 0.00	37.71 -0.85 0.00	38.79 -0.83 0.00	40.96 -0.88 0.00	48.56 -1.14 0.00	53.11 -1.14 0.00	54.25 -1.22 0.00	54.41 -1.17 0.00	52.86 -1.14 0.00	45.98 -1.03 0.00	38.43 -0.78 0.00	33.25 -0.54 0.00
SENECA___115KV_TB3 355854	31.10 -1.64 0.00	26.43 -1.72 0.00	23.30 -1.07 0.00	21.13 -0.88 0.00	24.33 -1.23 0.00	30.52 -1.27 0.00	35.65 -1.88 0.00	37.57 -2.48 0.00	38.08 -2.39 0.00	37.01 -2.28 0.00	36.60 -1.93 0.00	36.37 -2.16 0.00	35.50 -2.03 0.00	36.28 -2.27 0.00	37.40 -2.22 0.00	39.33 -2.51 0.00	46.82 -2.83 0.05	50.78 -3.47 0.00	52.25 -3.22 0.00	52.86 -2.72 0.00	50.64 -3.35 0.00	44.00 -3.01 0.00	37.18 -2.04 0.00	32.51 -1.28 0.00
SENECA___ENERGY 23797	32.21 -0.52 0.00	27.64 -0.51 0.00	24.08 -0.29 0.00	21.79 -0.22 0.00	25.23 -0.33 0.00	31.47 -0.32 0.00	37.11 -0.41 0.00	39.45 -0.60 0.00	39.90 -0.57 0.00	38.70 -0.59 0.00	37.99 -0.54 0.00	37.91 -0.62 0.00	36.96 -0.56 0.00	37.86 -0.69 0.00	38.95 -0.67 0.00	41.13 -0.71 0.00	48.57 -1.14 -0.01	53.28 -0.98 0.00	54.47 -1.00 0.00	54.80 -0.78 0.00	53.18 -0.81 0.00	46.31 -0.70 0.00	38.71 -0.51 0.00	33.46 -0.34 0.00
SHOEMAKER___GT 23640	34.11 1.37 0.00	29.69 1.55 0.00	25.80 1.44 0.00	23.31 1.30 0.00	26.96 1.40 0.00	33.13 1.33 0.00	38.99 1.46 0.00	41.93 1.88 0.00	42.45 1.98 0.00	41.29 2.00 0.00	40.50 1.96 0.00	40.57 2.04 0.00	41.13 2.03 -1.58	44.30 2.08 -3.67	48.43 2.14 -6.67	51.73 2.30 -7.59	52.66 2.93 -0.02	57.80 2.98 -0.57	58.41 2.94 0.00	58.52 2.94 0.00	56.36 2.37 0.00	49.17 2.16 0.00	41.22 2.00 0.00	35.89 2.10 0.00
SHOEMAKR_138KV_BK 111 55601	34.11 1.37 0.00	29.69 1.55 0.00	25.80 1.44 0.00	23.31 1.30 0.00	26.96 1.41 0.00	33.13 1.34 0.00	38.99 1.46 0.00	41.97 1.92 0.00	42.49 2.02 0.00	41.33 2.04 0.00	40.57 2.04 0.00	40.61 2.08 0.00	41.15 2.06 -1.56	44.30 2.12 -3.62	48.43 2.22 -6.59	51.68 2.34 -7.50	52.71 2.98 -0.02	57.85 3.04 -0.56	58.58 3.11 0.00	58.86 3.28 0.00	56.37 2.38 0.00	49.17 2.16 0.00	41.26 2.04 0.00	35.89 2.10 0.00
SHOREHAM_IC_1 23715	47.48 3.76 -10.99	46.75 3.69 -14.92	45.56 3.31 -17.88	45.45 2.97 -20.47	45.58 3.32 -16.70	45.83 3.62 -10.41	46.79 4.20 -5.06	48.43 4.84 -3.53	47.54 5.10 -1.98	46.93 5.11 -2.54	61.59 4.97 -18.08	76.88 5.05 -33.30	45.66 4.73 -3.41	47.78 4.82 -4.40	52.35 4.83 -7.90	56.03 5.14 -9.04	55.70 5.96 -0.04	120.80 6.18 -60.36	60.63 5.16 0.00	60.47 4.89 0.00	57.88 3.89 0.00	50.78 3.76 -0.01	43.33 4.12 0.00	37.96 4.16 -0.01
SHOREHAM_IC_2 23716	47.48 3.76 -10.99	46.75 3.69 -14.92	45.56 3.31 -17.88	45.46 2.97 -20.47	45.58 3.32 -16.70	45.83 3.62 -10.41	46.79 4.20 -5.06	48.43 4.85 -3.53	47.54 5.10 -1.98	46.93 5.11 -2.54	61.58 4.97 -18.08	76.88 5.05 -33.30	45.66 4.73 -3.41	47.78 4.82 -4.40	52.35 4.83 -7.90	56.03 5.15 -9.04	55.70 5.96 -0.04	120.80 6.18 -60.36	60.80 5.33 0.00	60.92 5.34 0.00	57.77 3.78 0.00	50.78 3.76 -0.01	43.34 4.12 0.00	37.96 4.16 -0.01
SISSONVILLE____ 23735	31.91 -0.82 0.00	27.05 -1.10 0.00	23.17 -1.19 0.00	20.87 -1.14 0.00	24.28 -1.28 0.00	30.61 -1.18 0.00	36.74 -0.79 0.00	39.17 -0.88 0.00	39.53 -0.93 0.00	38.27 -1.02 0.00	37.64 -0.89 0.00	37.61 -0.92 0.00	36.51 -1.01 0.00	37.55 -1.00 0.00	38.51 -1.11 0.00	40.84 -1.00 0.00	48.01 -1.69 0.00	52.79 -1.46 0.00	53.92 -1.55 0.00	53.80 -1.78 0.00	52.91 -1.08 0.00	46.02 -0.99 0.00	38.00 -1.22 0.00	32.24 -1.55 0.00
SITHE_IND_GS1 24169	31.82 -0.92 0.00	27.39 -0.76 0.00	23.78 -0.59 0.00	21.51 -0.51 0.00	24.92 -0.64 0.00	30.96 -0.83 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.09 -1.38 0.00	37.95 -1.34 0.00	37.22 -1.31 0.00	37.22 -1.31 0.00	36.29 -1.24 0.00	37.24 -1.31 0.00	38.31 -1.31 0.00	40.42 -1.42 0.00	47.92 -1.79 0.00	52.41 -1.84 0.00	53.53 -1.94 0.00	53.63 -1.95 0.00	52.16 -1.84 0.00	45.36 -1.65 0.00	37.96 -1.26 0.00	32.85 -0.95 0.00
SITHE_IND_GS2 24170	31.82 -0.92 0.00	27.39 -0.76 0.00	23.78 -0.59 0.00	21.51 -0.51 0.00	24.92 -0.64 0.00	30.96 -0.83 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.09 -1.38 0.00	37.95 -1.34 0.00	37.22 -1.31 0.00	37.22 -1.31 0.00	36.29 -1.24 0.00	37.24 -1.31 0.00	38.31 -1.31 0.00	40.42 -1.42 0.00	47.92 -1.79 0.00	52.41 -1.84 0.00	53.53 -1.94 0.00	53.63 -1.95 0.00	52.16 -1.84 0.00	45.36 -1.65 0.00	37.96 -1.26 0.00	32.85 -0.95 0.00
SITHE_IND_GS3 24171	31.82 -0.92 0.00	27.39 -0.76 0.00	23.78 -0.59 0.00	21.51 -0.51 0.00	24.92 -0.64 0.00	30.96 -0.83 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.09 -1.38 0.00	37.95 -1.34 0.00	37.22 -1.31 0.00	37.22 -1.31 0.00	36.29 -1.24 0.00	37.24 -1.31 0.00	38.31 -1.31 0.00	40.42 -1.42 0.00	47.92 -1.79 0.00	52.41 -1.84 0.00	53.53 -1.94 0.00	53.63 -1.95 0.00	52.16 -1.84 0.00	45.36 -1.65 0.00	37.96 -1.26 0.00	32.85 -0.95 0.00
SITHE_IND_GS4 24172	31.82 -0.92 0.00	27.39 -0.76 0.00	23.78 -0.59 0.00	21.51 -0.51 0.00	24.92 -0.64 0.00	30.96 -0.83 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.09 -1.38 0.00	37.95 -1.34 0.00	37.22 -1.31 0.00	37.22 -1.31 0.00	36.29 -1.24 0.00	37.24 -1.31 0.00	38.31 -1.31 0.00	40.42 -1.42 0.00	47.92 -1.79 0.00	52.41 -1.84 0.00	53.53 -1.94 0.00	53.63 -1.95 0.00	52.16 -1.84 0.00	45.36 -1.65 0.00	37.96 -1.26 0.00	32.85 -0.95 0.00

SITHE___BATAVIA 24024	31.52 -1.21 0.00	26.82 -1.32 0.00	23.56 -0.80 0.00	21.42 -0.59 0.00	24.74 -0.82 0.00	31.00 -0.79 0.00	36.32 -1.20 0.00	38.37 -1.68 0.00	38.89 -1.58 0.00	37.75 -1.53 0.00	37.18 -1.35 0.00	36.95 -1.58 0.00	36.14 -1.39 0.00	36.90 -1.66 0.00	38.12 -1.51 0.00	40.04 -1.80 0.00	46.90 -2.78 0.02	51.87 -2.39 0.00	52.97 -2.50 0.00	53.47 -2.11 0.00	52.21 -1.78 0.00	45.18 -1.83 0.00	38.00 -1.22 0.00	32.85 -0.95 0.00
SITHE___INDEPEND 23800	31.82 -0.92 0.00	27.38 -0.76 0.00	23.78 -0.58 0.00	21.51 -0.51 0.00	24.92 -0.64 0.00	31.00 -0.79 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.09 -1.38 0.00	37.95 -1.34 0.00	37.22 -1.31 0.00	37.22 -1.31 0.00	36.29 -1.24 0.00	37.24 -1.31 0.00	38.31 -1.31 0.00	40.42 -1.42 0.00	47.96 -1.74 0.00	52.46 -1.79 0.00	53.69 -1.78 0.00	53.86 -1.72 0.00	52.16 -1.84 0.00	45.37 -1.65 0.00	37.96 -1.25 0.00	32.85 -0.95 0.00
SITHE___MASSENA 23902	32.77 0.03 0.00	27.81 -0.34 0.00	23.88 -0.49 0.00	21.51 -0.51 0.00	25.02 -0.54 0.00	31.54 -0.26 0.00	37.68 0.15 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.41 0.12 0.00	38.72 0.19 0.00	38.69 0.15 0.00	37.64 0.11 0.00	38.67 0.12 0.00	39.66 0.04 0.00	41.97 0.13 0.00	49.46 -0.25 0.00	54.20 -0.05 0.00	55.53 0.06 0.00	55.58 0.00 0.00	54.15 0.16 0.00	47.15 0.14 0.00	39.06 -0.16 0.00	33.22 -0.57 0.00
SITHE___OGDNSBRG 24021	32.86 0.13 0.00	27.84 -0.31 0.00	23.86 -0.51 0.00	21.46 -0.55 0.00	25.00 -0.56 0.00	31.57 -0.22 0.00	37.83 0.30 0.00	40.25 0.20 0.00	40.55 0.08 0.00	39.21 -0.08 0.00	38.45 -0.08 0.00	38.42 -0.12 0.00	37.30 -0.23 0.00	38.36 -0.19 0.00	39.42 -0.20 0.00	41.80 -0.04 0.00	49.26 -0.45 0.00	54.25 0.00 0.00	55.58 0.11 0.00	55.58 0.00 0.00	54.69 0.70 0.00	47.58 0.56 0.00	39.22 0.00 0.00	33.25 -0.54 0.00
SITHE___STERLING 23777	33.39 0.65 0.00	28.76 0.62 0.00	24.93 0.56 0.00	22.52 0.51 0.00	26.10 0.54 0.00	32.46 0.67 0.00	38.32 0.79 0.00	40.81 0.76 0.00	41.19 0.73 0.00	39.91 0.63 0.00	39.23 0.69 0.00	39.23 0.69 0.00	38.16 0.64 0.00	39.21 0.65 0.00	40.41 0.79 0.00	42.68 0.84 0.00	50.85 1.14 0.00	55.61 1.36 0.00	56.97 1.50 0.00	57.13 1.55 0.00	55.50 1.51 0.00	48.23 1.22 0.00	40.16 0.94 0.00	34.71 0.91 0.00
SLEIGHT__34_KV_TB1 80719	31.75 -0.98 0.00	27.19 -0.96 0.00	23.71 -0.66 0.00	21.49 -0.53 0.00	24.87 -0.69 0.00	31.12 -0.67 0.00	36.59 -0.94 0.00	38.85 -1.20 0.00	39.37 -1.09 0.00	38.23 -1.06 0.00	37.61 -0.92 0.00	37.53 -1.00 0.00	36.66 -0.86 0.00	37.59 -0.96 0.00	38.67 -0.95 0.00	40.75 -1.09 0.00	47.96 -1.74 0.00	52.79 -1.46 0.00	54.14 -1.33 0.00	54.52 -1.06 0.00	52.64 -1.35 0.00	45.65 -1.36 0.00	38.20 -1.02 0.00	33.02 -0.78 0.00
SMITHTWN_69_KV_BK 1 55830	46.97 3.24 -11.00	46.30 3.24 -14.92	45.16 2.92 -17.87	45.11 2.64 -20.45	45.19 2.94 -16.69	45.34 3.15 -10.40	46.22 3.64 -5.06	47.95 4.33 -3.57	46.97 4.49 -2.01	46.31 4.48 -2.55	69.29 4.43 -26.33	92.28 4.55 -49.20	45.33 4.39 -3.42	47.51 4.51 -4.44	52.13 4.60 -7.91	55.86 4.94 -9.08	55.56 5.82 -0.05	153.41 6.08 -93.08	60.96 5.49 0.00	61.08 5.50 0.00	57.99 4.00 0.00	50.93 3.90 -0.02	43.53 4.31 0.00	38.13 4.33 -0.01
SOUTH CAIRO___GT 23612	34.01 1.28 0.00	29.69 1.55 0.00	25.78 1.41 0.00	23.31 1.30 0.00	27.04 1.48 0.00	33.16 1.37 0.00	38.80 1.28 0.00	41.61 1.56 0.00	41.72 1.25 0.00	40.23 0.94 0.00	39.11 0.58 0.00	38.95 0.42 0.00	38.41 0.60 -0.28	39.94 0.73 -0.65	41.64 0.83 -1.19	44.28 1.09 -1.35	51.35 1.64 0.00	56.27 1.90 -0.11	57.69 2.22 0.00	58.25 2.67 0.00	56.37 2.38 0.00	49.17 2.16 0.00	41.02 1.80 0.00	35.59 1.79 0.00
SOUTH HAMPTN___IC 23720	47.81 4.09 -10.99	47.03 3.97 -14.92	45.78 3.53 -17.88	45.66 3.17 -20.47	45.82 3.55 -16.71	46.15 3.94 -10.41	47.13 4.54 -5.06	48.87 5.29 -3.53	47.98 5.54 -1.97	47.36 5.54 -2.54	61.45 5.47 -17.45	76.17 5.55 -32.09	46.22 5.29 -3.41	48.35 5.40 -4.40	52.99 5.47 -7.90	56.69 5.81 -9.04	56.55 6.81 -0.03	119.22 7.11 -57.86	61.63 6.16 0.00	61.47 5.89 0.00	58.85 4.86 0.00	51.63 4.61 -0.01	44.00 4.78 0.00	38.50 4.70 -0.01
SOUTHDOW_115KV_TB1 355954	31.78 -0.95 0.00	26.96 -1.18 0.00	23.73 -0.63 0.00	21.51 -0.51 0.00	24.74 -0.82 0.00	31.09 -0.70 0.00	36.48 -1.05 0.00	38.73 -1.32 0.00	39.33 -1.13 0.00	38.34 -0.94 0.00	37.91 -0.62 0.00	37.53 -1.00 0.00	36.59 -0.94 0.00	37.40 -1.16 0.00	38.47 -1.15 0.00	40.59 -1.26 0.00	48.93 -0.75 0.03	52.84 -1.41 0.00	54.58 -0.89 0.00	55.36 -0.22 0.00	52.97 -1.03 0.00	45.88 -1.13 0.00	38.67 -0.55 0.00	33.52 -0.27 0.00
SOUTHOLD_69_KV_BK 2 55809	48.27 4.55 -10.99	47.42 4.36 -14.92	46.13 3.87 -17.88	45.97 3.48 -20.47	46.18 3.91 -16.71	46.56 4.36 -10.41	47.69 5.10 -5.06	49.55 5.97 -3.53	48.63 6.19 -1.97	47.95 6.13 -2.54	62.12 6.13 -17.46	76.83 6.20 -32.10	46.90 5.97 -3.41	49.05 6.09 -4.40	53.78 6.26 -7.90	57.53 6.65 -9.04	57.54 7.80 -0.03	120.39 8.25 -57.89	63.01 7.54 0.00	63.14 7.56 0.00	59.93 5.94 0.00	52.66 5.64 -0.01	44.83 5.61 0.00	39.14 5.34 -0.01
SOUTHOLD___IC 23719	48.27 4.55 -10.99	47.42 4.36 -14.92	46.13 3.87 -17.88	45.97 3.48 -20.47	46.18 3.91 -16.71	46.56 4.36 -10.41	47.65 5.06 -5.06	49.55 5.97 -3.53	48.63 6.19 -1.97	47.95 6.13 -2.54	62.12 6.13 -17.46	76.83 6.20 -32.10	46.90 5.97 -3.41	49.04 6.09 -4.40	53.78 6.26 -7.90	57.53 6.65 -9.04	57.54 7.80 -0.03	120.39 8.24 -57.89	62.85 7.38 0.00	62.70 7.12 0.00	59.98 5.99 0.00	52.66 5.64 -0.01	44.83 5.61 0.00	39.14 5.34 -0.01
SOUTH_FORK_WT_PWR 323839	48.37 4.65 -10.99	47.51 4.45 -14.92	46.20 3.95 -17.88	46.01 3.52 -20.47	46.23 3.96 -16.71	46.62 4.42 -10.41	47.73 5.14 -5.06	49.63 6.05 -3.53	48.75 6.31 -1.97	48.03 6.21 -2.54	62.23 6.24 -17.46	76.91 6.28 -32.09	46.98 6.04 -3.41	49.12 6.17 -4.40	53.86 6.34 -7.90	57.62 6.74 -9.04	57.64 7.90 -0.03	120.48 8.35 -57.87	62.96 7.49 0.00	62.80 7.22 0.00	60.09 6.10 0.00	52.75 5.73 -0.01	44.90 5.68 0.00	39.21 5.41 -0.01
SPIERFLS_115KV_TB 1 80737	34.07 1.34 0.00	29.58 1.44 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.99 1.43 0.00	33.29 1.49 0.00	39.14 1.61 0.00	41.97 1.92 0.00	42.25 1.78 0.00	40.70 1.41 0.00	39.76 1.23 0.00	39.76 1.23 0.00	38.59 1.20 0.13	39.71 1.47 0.31	40.68 1.62 0.57	43.12 1.92 0.65	52.29 2.58 0.00	56.61 2.39 0.03	58.30 2.83 0.00	58.80 3.22 0.00	56.80 2.81 0.00	49.31 2.30 0.00	41.10 1.88 0.00	35.65 1.86 0.00
ST LAWRENCE____ 23600	32.60 -0.13 0.00	27.72 -0.42 0.00	23.83 -0.54 0.00	21.51 -0.51 0.00	25.05 -0.51 0.00	31.47 -0.32 0.00	37.41 -0.11 0.00	39.93 -0.12 0.00	40.34 -0.12 0.00	39.17 -0.12 0.00	38.45 -0.08 0.00	38.42 -0.12 0.00	37.38 -0.15 0.00	38.40 -0.15 0.00	39.42 -0.20 0.00	41.63 -0.21 0.00	49.30 -0.40 0.00	53.98 -0.27 0.00	55.30 -0.17 0.00	55.30 -0.28 0.00	53.88 -0.11 0.00	46.92 -0.09 0.00	38.90 -0.32 0.00	33.12 -0.68 0.00

STATE_CA_115KV_115_LB 55624	33.26 0.52 0.00	29.10 0.96 0.00	25.32 0.95 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.40 0.60 0.00	38.01 0.49 0.00	40.77 0.72 0.00	41.03 0.57 0.00	39.84 0.55 0.00	38.92 0.39 0.00	38.95 0.42 0.00	37.87 0.45 0.11	38.84 0.54 0.26	39.71 0.55 0.47	41.85 0.54 0.53	50.50 0.80 0.00	54.77 0.54 0.02	56.19 0.72 0.00	56.64 1.06 0.00	54.69 0.70 0.00	47.62 0.61 0.00	39.92 0.71 0.00	34.71 0.91 0.00
STATE_ST_34_KV_LOAD 55959	32.54 -0.20 0.00	27.95 -0.20 0.00	24.29 -0.07 0.00	21.99 -0.02 0.00	25.46 -0.10 0.00	31.73 -0.06 0.00	37.45 -0.08 0.00	39.81 -0.24 0.00	40.26 -0.20 0.00	39.01 -0.28 0.00	38.34 -0.19 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.41 -0.06 0.00	55.75 0.17 0.00	53.88 -0.11 0.00	46.82 -0.19 0.00	39.10 -0.12 0.00	33.79 0.00 0.00
STATION_5_MISC_HYD 23604	31.59 -1.15 0.00	26.99 -1.16 0.00	23.61 -0.76 0.00	21.42 -0.59 0.00	24.77 -0.79 0.00	30.96 -0.83 0.00	36.36 -1.16 0.00	38.49 -1.56 0.00	38.97 -1.50 0.00	37.91 -1.38 0.00	37.30 -1.23 0.00	37.18 -1.35 0.00	36.36 -1.16 0.00	37.21 -1.35 0.00	38.39 -1.23 0.00	40.38 -1.47 0.00	47.07 -2.64 0.00	52.19 -2.06 0.00	53.19 -2.28 0.00	53.53 -2.06 0.00	52.10 -1.89 0.00	45.18 -1.83 0.00	37.92 -1.29 0.00	32.81 -0.98 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.91 -0.82 0.00	27.33 -0.82 0.00	23.83 -0.54 0.00	21.60 -0.42 0.00	25.00 -0.56 0.00	31.25 -0.54 0.00	36.74 -0.79 0.00	39.01 -1.04 0.00	39.49 -0.97 0.00	38.34 -0.94 0.00	37.72 -0.81 0.00	37.61 -0.92 0.00	36.74 -0.79 0.00	37.63 -0.93 0.00	38.75 -0.87 0.00	40.84 -1.00 0.00	48.11 -1.59 0.00	52.90 -1.36 0.00	54.31 -1.16 0.00	54.75 -0.83 0.00	52.86 -1.13 0.00	45.88 -1.13 0.00	38.39 -0.82 0.00	33.22 -0.57 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.46 -1.28 0.00	26.91 -1.24 0.00	23.51 -0.85 0.00	21.33 -0.68 0.00	24.64 -0.92 0.00	30.87 -0.92 0.00	36.21 -1.31 0.00	38.33 -1.72 0.00	38.85 -1.62 0.00	37.79 -1.49 0.00	37.18 -1.35 0.00	37.07 -1.46 0.00	36.25 -1.28 0.00	37.17 -1.39 0.00	38.27 -1.35 0.00	40.25 -1.59 0.00	47.22 -2.49 0.00	52.08 -2.17 0.00	53.47 -2.00 0.00	53.86 -1.72 0.00	51.99 -2.00 0.00	45.04 -1.97 0.00	37.77 -1.45 0.00	32.71 -1.08 0.00
STA_56___34_KV_BUS2 355983	31.46 -1.28 0.00	26.91 -1.24 0.00	23.51 -0.85 0.00	21.33 -0.68 0.00	24.64 -0.92 0.00	30.87 -0.92 0.00	36.21 -1.31 0.00	38.33 -1.72 0.00	38.85 -1.62 0.00	37.79 -1.49 0.00	37.18 -1.35 0.00	37.07 -1.46 0.00	36.25 -1.28 0.00	37.17 -1.39 0.00	38.27 -1.35 0.00	40.25 -1.59 0.00	47.22 -2.49 0.00	52.08 -2.17 0.00	53.47 -2.00 0.00	53.86 -1.72 0.00	51.99 -2.00 0.00	45.04 -1.97 0.00	37.77 -1.45 0.00	32.71 -1.08 0.00
STA_67___115KV_BK2 355882	31.55 -1.18 0.00	26.93 -1.21 0.00	23.56 -0.80 0.00	21.38 -0.64 0.00	24.71 -0.84 0.00	30.93 -0.86 0.00	36.29 -1.24 0.00	38.37 -1.68 0.00	38.89 -1.58 0.00	37.83 -1.45 0.00	37.22 -1.31 0.00	37.11 -1.43 0.00	36.25 -1.28 0.00	37.17 -1.39 0.00	38.27 -1.35 0.00	40.25 -1.59 0.00	47.22 -2.49 0.00	52.08 -2.17 0.00	53.47 -2.00 0.00	53.91 -1.67 0.00	51.99 -2.00 0.00	45.08 -1.93 0.00	37.81 -1.41 0.00	32.78 -1.01 0.00
STA_7___115KV_9TRANS 80674	31.72 -1.01 0.00	27.08 -1.07 0.00	23.68 -0.68 0.00	21.49 -0.53 0.00	24.84 -0.72 0.00	31.12 -0.67 0.00	36.51 -1.01 0.00	38.65 -1.40 0.00	39.17 -1.29 0.00	38.11 -1.18 0.00	37.49 -1.04 0.00	37.37 -1.16 0.00	36.55 -0.98 0.00	37.48 -1.08 0.00	38.59 -1.03 0.00	40.59 -1.26 0.00	47.57 -2.14 0.00	52.52 -1.74 0.00	53.97 -1.50 0.00	54.41 -1.17 0.00	52.48 -1.51 0.00	45.46 -1.55 0.00	38.12 -1.10 0.00	32.98 -0.81 0.00
STA_82___115KV_TB1 80780	31.55 -1.18 0.00	26.96 -1.18 0.00	23.56 -0.80 0.00	21.38 -0.64 0.00	24.71 -0.84 0.00	30.96 -0.83 0.00	36.29 -1.24 0.00	38.41 -1.64 0.00	38.89 -1.58 0.00	37.83 -1.45 0.00	37.22 -1.31 0.00	37.11 -1.43 0.00	36.29 -1.24 0.00	37.17 -1.39 0.00	38.27 -1.35 0.00	40.29 -1.55 0.00	47.22 -2.49 0.00	52.08 -2.17 0.00	53.47 -2.00 0.00	53.91 -1.67 0.00	51.99 -2.00 0.00	45.08 -1.93 0.00	37.81 -1.41 0.00	32.78 -1.01 0.00
STEEL___WIND 323596	31.06 -1.67 0.00	26.40 -1.75 0.00	23.27 -1.10 0.00	21.11 -0.90 0.00	24.33 -1.23 0.00	30.46 -1.33 0.00	35.61 -1.91 0.00	37.53 -2.52 0.00	38.00 -2.47 0.00	36.97 -2.32 0.00	36.53 -2.01 0.00	36.30 -2.24 0.00	35.43 -2.10 0.00	36.13 -2.43 0.00	37.36 -2.26 0.00	39.25 -2.59 0.00	46.47 -3.18 0.05	50.67 -3.58 0.00	51.48 -3.99 0.00	51.91 -3.67 0.00	50.59 -3.40 0.00	43.96 -3.05 0.00	37.14 -2.08 0.00	32.41 -1.39 0.00
STEPHTWN_115KV_BK_2 55603	33.42 0.69 0.00	29.24 1.10 0.00	25.44 1.07 0.00	23.01 0.99 0.00	26.63 1.07 0.00	32.59 0.79 0.00	38.24 0.71 0.00	41.05 1.00 0.00	41.27 0.81 0.00	40.03 0.75 0.00	39.11 0.58 0.00	39.11 0.58 0.00	38.02 0.60 0.10	39.01 0.69 0.24	39.94 0.75 0.44	42.14 0.79 0.50	50.84 1.14 0.00	55.21 0.98 0.02	56.63 1.16 0.00	57.08 1.50 0.00	55.13 1.13 0.00	48.00 0.99 0.00	40.20 0.98 0.00	34.94 1.15 0.00
STEUBEN_REC_LFGE 323667	32.18 -0.56 0.00	27.38 -0.76 0.00	23.98 -0.39 0.00	21.71 -0.31 0.00	25.05 -0.51 0.00	31.44 -0.35 0.00	36.96 -0.56 0.00	39.29 -0.76 0.00	39.74 -0.73 0.00	38.42 -0.86 0.00	37.84 -0.69 0.00	37.61 -0.92 0.00	36.59 -0.94 0.00	37.24 -1.31 0.00	38.23 -1.39 0.00	40.38 -1.46 0.00	48.52 -1.29 -0.11	52.90 -1.36 0.00	54.86 -0.61 0.00	55.97 0.39 0.00	53.83 -0.16 0.00	46.78 -0.24 0.00	39.18 -0.04 0.00	33.93 0.14 0.00
STILLWATER___SOLAR 323814	33.98 1.24 0.00	29.55 1.41 0.00	25.71 1.34 0.00	23.22 1.21 0.00	26.94 1.38 0.00	33.13 1.33 0.00	38.92 1.39 0.00	41.73 1.68 0.00	41.96 1.50 0.00	40.54 1.26 0.00	39.57 1.04 0.00	39.57 1.04 0.00	38.42 1.01 0.12	39.47 1.20 0.28	40.33 1.23 0.52	42.68 1.42 0.59	51.79 2.09 0.00	56.18 1.95 0.03	57.63 2.16 0.00	58.08 2.50 0.00	56.36 2.37 0.00	48.99 1.97 0.00	40.94 1.72 0.00	35.52 1.72 0.00
STONY___BROOK 24151	47.03 3.30 -10.99	46.35 3.29 -14.92	45.23 3.00 -17.87	45.16 2.68 -20.46	45.24 2.99 -16.70	45.41 3.21 -10.41	46.26 3.68 -5.06	47.93 4.33 -3.55	47.03 4.57 -1.99	46.42 4.59 -2.54	64.46 4.43 -21.50	83.00 4.58 -39.89	45.40 4.46 -3.41	47.52 4.55 -4.42	52.20 4.67 -7.90	55.87 4.98 -9.06	55.66 5.91 -0.04	134.29 6.13 -73.91	60.85 5.38 0.00	60.69 5.11 0.00	58.09 4.10 0.00	50.93 3.90 -0.02	43.53 4.31 0.00	38.16 4.36 -0.01
STURGEON_POOL_HYD 23609	34.63 1.90 0.00	30.20 2.05 0.00	26.24 1.88 0.00	23.71 1.70 0.00	27.40 1.84 0.00	33.60 1.81 0.00	39.51 1.99 0.00	42.69 2.64 0.00	43.30 2.83 0.00	42.16 2.87 0.00	41.38 2.85 0.00	41.42 2.89 0.00	41.88 2.93 -1.42	44.90 3.05 -3.30	48.75 3.13 -6.00	52.02 3.35 -6.83	53.90 4.18 -0.02	59.11 4.34 -0.51	59.74 4.27 0.00	60.08 4.50 0.00	57.29 3.29 0.00	50.02 3.01 0.00	42.00 2.78 0.00	36.60 2.80 0.00

ST_LAW_115_BK7_LBMP 345037	32.57 -0.16 0.00	27.67 -0.48 0.00	23.76 -0.61 0.00	21.44 -0.57 0.00	24.97 -0.59 0.00	31.41 -0.38 0.00	37.38 -0.15 0.00	39.89 -0.16 0.00	40.30 -0.16 0.00	39.13 -0.16 0.00	38.42 -0.12 0.00	38.38 -0.15 0.00	37.34 -0.19 0.00	38.36 -0.19 0.00	39.39 -0.24 0.00	41.63 -0.21 0.00	49.25 -0.45 0.00	53.93 -0.32 0.00	55.25 -0.22 0.00	55.25 -0.33 0.00	53.83 -0.16 0.00	46.87 -0.14 0.00	38.86 -0.35 0.00	33.08 -0.71 0.00
ST_LAW_115_BK8_LBMP 345038	32.57 -0.16 0.00	27.67 -0.48 0.00	23.76 -0.61 0.00	21.44 -0.57 0.00	24.97 -0.59 0.00	31.41 -0.38 0.00	37.38 -0.15 0.00	39.89 -0.16 0.00	40.30 -0.16 0.00	39.13 -0.16 0.00	38.42 -0.12 0.00	38.38 -0.15 0.00	37.34 -0.19 0.00	38.36 -0.19 0.00	39.39 -0.24 0.00	41.63 -0.21 0.00	49.25 -0.45 0.00	53.93 -0.32 0.00	55.25 -0.22 0.00	55.25 -0.33 0.00	53.83 -0.16 0.00	46.87 -0.14 0.00	38.86 -0.35 0.00	33.08 -0.71 0.00
ST_LAW_230_BK5_LBMP 345035	32.60 -0.13 0.00	27.72 -0.42 0.00	23.83 -0.54 0.00	21.51 -0.51 0.00	25.05 -0.51 0.00	31.47 -0.32 0.00	37.41 -0.11 0.00	39.93 -0.12 0.00	40.34 -0.12 0.00	39.17 -0.12 0.00	38.45 -0.08 0.00	38.42 -0.12 0.00	37.38 -0.15 0.00	38.40 -0.15 0.00	39.42 -0.20 0.00	41.63 -0.21 0.00	49.30 -0.40 0.00	53.98 -0.27 0.00	55.30 -0.17 0.00	55.30 -0.28 0.00	53.88 -0.11 0.00	46.92 -0.09 0.00	38.90 -0.32 0.00	33.12 -0.68 0.00
ST_LAW_230_BK6_LBMP 345036	32.60 -0.13 0.00	27.72 -0.42 0.00	23.83 -0.54 0.00	21.51 -0.51 0.00	25.05 -0.51 0.00	31.47 -0.32 0.00	37.41 -0.11 0.00	39.93 -0.12 0.00	40.34 -0.12 0.00	39.17 -0.12 0.00	38.45 -0.08 0.00	38.42 -0.12 0.00	37.38 -0.15 0.00	38.40 -0.15 0.00	39.42 -0.20 0.00	41.63 -0.21 0.00	49.30 -0.40 0.00	53.98 -0.27 0.00	55.30 -0.17 0.00	55.30 -0.28 0.00	53.88 -0.11 0.00	46.92 -0.09 0.00	38.90 -0.32 0.00	33.12 -0.68 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.27 1.54 0.00	29.86 1.72 0.00	25.98 1.61 0.00	23.45 1.43 0.00	27.12 1.56 0.00	33.29 1.49 0.00	39.18 1.65 0.00	42.21 2.16 0.00	42.77 2.31 0.00	41.64 2.36 0.00	40.88 2.35 0.00	40.96 2.43 0.00	41.58 2.40 -1.65	44.84 2.47 -3.81	49.13 2.58 -6.93	52.46 2.72 -7.90	53.15 3.43 -0.02	58.32 3.47 -0.59	59.02 3.55 0.00	59.30 3.72 0.00	56.69 2.70 0.00	49.41 2.40 0.00	41.49 2.27 0.00	36.16 2.37 0.00
SWANROAD_115KV_TB1 355699	30.11 -2.62 0.00	25.61 -2.53 0.00	22.59 -1.78 0.00	20.52 -1.50 0.00	23.62 -1.94 0.00	29.69 -2.10 0.00	34.60 -2.93 0.00	36.25 -3.80 0.00	36.74 -3.72 0.00	35.71 -3.58 0.00	35.29 -3.24 0.00	35.10 -3.43 0.00	34.30 -3.23 0.00	35.09 -3.47 0.00	36.17 -3.45 0.00	37.95 -3.89 0.00	44.59 -5.07 0.04	48.88 -5.37 0.00	50.20 -5.27 0.00	50.75 -4.84 0.00	48.70 -5.29 0.00	42.26 -4.75 0.00	35.77 -3.45 0.00	31.39 -2.40 0.00
SYNERGY___BIOGAS 323694	31.52 -1.21 0.00	26.82 -1.32 0.00	23.56 -0.80 0.00	21.42 -0.59 0.00	24.71 -0.84 0.00	31.06 -0.73 0.00	36.33 -1.20 0.00	38.37 -1.68 0.00	38.89 -1.58 0.00	37.75 -1.53 0.00	37.18 -1.35 0.00	36.95 -1.58 0.00	36.14 -1.39 0.00	37.01 -1.54 0.00	38.12 -1.51 0.00	40.04 -1.80 0.00	47.09 -2.58 0.02	51.92 -2.33 0.00	53.58 -1.89 0.00	54.19 -1.39 0.00	52.21 -1.78 0.00	45.18 -1.83 0.00	38.00 -1.22 0.00	32.92 -0.88 0.00
SYRACUSE___ENERGY_ST1 323597	32.54 -0.20 0.00	28.00 -0.14 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.38 -0.15 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.68 -0.33 0.00	38.98 -0.24 0.00	33.73 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	32.54 -0.20 0.00	28.00 -0.14 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.38 -0.15 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.38 -0.24 0.00	41.63 -0.21 0.00	49.35 -0.35 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.68 -0.33 0.00	38.98 -0.24 0.00	33.73 -0.07 0.00
SYRACUSE___POWER 24017	32.57 -0.16 0.00	28.03 -0.11 0.00	24.37 0.00 0.00	22.04 0.02 0.00	25.51 -0.05 0.00	31.73 -0.06 0.00	37.41 -0.11 0.00	39.77 -0.28 0.00	40.26 -0.20 0.00	39.09 -0.20 0.00	38.34 -0.19 0.00	38.34 -0.19 0.00	37.38 -0.15 0.00	38.36 -0.19 0.00	39.46 -0.16 0.00	41.67 -0.17 0.00	49.50 -0.20 0.00	54.09 -0.16 0.00	55.41 -0.06 0.00	55.69 0.11 0.00	53.78 -0.22 0.00	46.78 -0.24 0.00	39.10 -0.12 0.00	33.83 0.03 0.00
TALLMAN_138KV_BK151 55660	34.47 1.73 0.00	30.06 1.91 0.00	26.15 1.78 0.00	23.62 1.61 0.00	27.30 1.74 0.00	33.44 1.65 0.00	39.36 1.84 0.00	42.49 2.44 0.00	43.10 2.63 0.00	41.96 2.67 0.00	41.23 2.70 0.00	41.31 2.77 0.00	42.04 2.78 -1.74	45.44 2.85 -4.03	49.88 2.93 -7.33	53.28 3.10 -8.35	53.55 3.83 -0.02	58.78 3.91 -0.62	59.41 3.94 0.00	59.75 4.17 0.00	57.02 3.02 0.00	49.69 2.68 0.00	41.77 2.55 0.00	36.40 2.60 0.00
TEALLAVE_115KV_TB7 355573	32.50 -0.23 0.00	27.98 -0.17 0.00	24.32 -0.05 0.00	21.97 -0.04 0.00	25.46 -0.10 0.00	31.66 -0.13 0.00	37.30 -0.23 0.00	39.65 -0.40 0.00	40.14 -0.32 0.00	38.97 -0.31 0.00	38.26 -0.27 0.00	38.26 -0.27 0.00	37.30 -0.23 0.00	38.29 -0.27 0.00	39.38 -0.24 0.00	41.59 -0.25 0.00	49.35 -0.35 0.00	53.93 -0.33 0.00	55.19 -0.28 0.00	55.47 -0.11 0.00	53.61 -0.38 0.00	46.59 -0.42 0.00	38.94 -0.27 0.00	33.73 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	30.87 -1.87 0.00	26.26 -1.89 0.00	23.12 -1.24 0.00	21.00 -1.01 0.00	24.20 -1.35 0.00	30.42 -1.37 0.00	35.50 -2.03 0.00	37.37 -2.68 0.00	37.88 -2.59 0.00	36.81 -2.48 0.00	36.33 -2.20 0.00	36.10 -2.43 0.00	35.31 -2.21 0.00	36.13 -2.43 0.00	37.24 -2.38 0.00	39.12 -2.72 0.00	45.94 -3.73 0.03	50.51 -3.74 0.00	51.98 -3.49 0.00	52.52 -3.06 0.00	50.48 -3.51 0.00	43.77 -3.24 0.00	36.94 -2.27 0.00	32.21 -1.59 0.00
TEMPLE___115KV_TB 2 55572	32.50 -0.23 0.00	27.98 -0.17 0.00	24.32 -0.05 0.00	21.99 -0.02 0.00	25.48 -0.08 0.00	31.70 -0.10 0.00	37.34 -0.19 0.00	39.69 -0.36 0.00	40.18 -0.28 0.00	39.01 -0.28 0.00	38.30 -0.23 0.00	38.30 -0.23 0.00	37.34 -0.19 0.00	38.32 -0.23 0.00	39.42 -0.20 0.00	41.63 -0.21 0.00	49.40 -0.30 0.00	53.98 -0.27 0.00	55.25 -0.22 0.00	55.53 -0.06 0.00	53.67 -0.32 0.00	46.64 -0.38 0.00	38.98 -0.24 0.00	33.76 -0.03 0.00
TIANA___69_KV_BK 1 55817	47.71 3.99 -10.99	46.92 3.86 -14.92	45.71 3.46 -17.88	45.59 3.10 -20.47	45.74 3.48 -16.71	46.02 3.81 -10.41	47.05 4.47 -5.06	48.75 5.17 -3.53	47.86 5.42 -1.97	47.21 5.38 -2.54	61.31 5.32 -17.46	76.02 5.39 -32.10	46.07 5.14 -3.41	48.20 5.24 -4.40	52.83 5.31 -7.90	56.53 5.65 -9.04	56.35 6.61 -0.03	119.03 6.89 -57.88	61.57 6.10 0.00	61.69 6.11 0.00	58.53 4.54 0.00	51.44 4.42 -0.01	43.88 4.67 0.00	38.40 4.60 -0.01

TILDEN___115KV_TB1 80814	32.57 -0.16 0.00	28.03 -0.11 0.00	24.37 0.00 0.00	22.04 0.02 0.00	25.51 -0.05 0.00	31.73 -0.06 0.00	37.41 -0.11 0.00	39.77 -0.28 0.00	40.26 -0.20 0.00	39.09 -0.20 0.00	38.34 -0.19 0.00	38.34 -0.19 0.00	37.38 -0.15 0.00	38.36 -0.19 0.00	39.46 -0.16 0.00	41.67 -0.17 0.00	49.50 -0.20 0.00	54.09 -0.16 0.00	55.41 -0.06 0.00	55.69 0.11 0.00	53.78 -0.22 0.00	46.78 -0.24 0.00	39.10 -0.12 0.00	33.83 0.03 0.00
TRIGEN___CC 323695	46.23 2.52 -10.98	45.68 2.62 -14.92	42.35 2.39 -15.60	42.00 2.14 -17.85	42.48 2.35 -14.57	43.29 2.42 -9.08	44.68 2.74 -4.42	46.63 3.40 -3.17	45.83 3.60 -1.76	45.27 3.65 -2.32	44.97 3.66 -2.78	46.58 3.78 -4.28	44.67 3.75 -3.40	46.79 3.89 -4.34	51.51 4.00 -7.89	55.05 4.23 -8.98	54.80 5.07 -0.02	60.08 5.15 -0.67	60.18 4.71 0.00	60.36 4.78 0.00	57.29 3.29 0.00	50.25 3.24 0.00	42.71 3.49 0.00	37.28 3.48 -0.01
TRINITY___115KV___4 BK 55933	33.16 0.43 0.00	29.02 0.87 0.00	25.24 0.88 0.00	22.83 0.81 0.00	26.43 0.87 0.00	32.27 0.48 0.00	37.90 0.38 0.00	40.65 0.60 0.00	40.87 0.40 0.00	39.68 0.39 0.00	38.76 0.23 0.00	38.80 0.27 0.00	37.68 0.26 0.11	38.61 0.31 0.26	39.51 0.36 0.47	41.56 0.25 0.53	50.20 0.50 0.00	54.50 0.27 0.02	55.91 0.44 0.00	56.36 0.78 0.00	54.42 0.43 0.00	47.39 0.38 0.00	39.77 0.55 0.00	34.61 0.81 0.00
UNION___PROCESSING_DRP 323587	31.55 -1.18 0.00	26.96 -1.18 0.00	23.56 -0.80 0.00	21.40 -0.62 0.00	24.71 -0.84 0.00	30.96 -0.83 0.00	36.33 -1.20 0.00	38.41 -1.64 0.00	38.93 -1.54 0.00	37.83 -1.45 0.00	37.22 -1.31 0.00	37.11 -1.43 0.00	36.29 -1.24 0.00	37.21 -1.35 0.00	38.27 -1.35 0.00	40.29 -1.55 0.00	47.22 -2.49 0.00	52.14 -2.12 0.00	53.53 -1.94 0.00	53.91 -1.67 0.00	51.99 -2.00 0.00	45.08 -1.93 0.00	37.85 -1.37 0.00	32.81 -0.98 0.00
UPPER HUDSON___HYD 24058	34.08 1.34 0.00	29.58 1.43 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.99 1.43 0.00	33.29 1.49 0.00	39.14 1.61 0.00	41.97 1.92 0.00	42.24 1.78 0.00	40.70 1.41 0.00	39.76 1.23 0.00	39.76 1.23 0.00	38.59 1.20 0.13	39.71 1.46 0.31	40.68 1.63 0.57	43.12 1.93 0.65	52.38 2.68 0.00	56.61 2.38 0.03	58.19 2.72 0.00	58.58 3.00 0.00	56.85 2.86 0.00	49.31 2.30 0.00	41.10 1.88 0.00	35.62 1.82 0.00
UPPER RAQUET___HYD 24056	31.92 -0.82 0.00	27.05 -1.10 0.00	23.17 -1.19 0.00	20.87 -1.15 0.00	24.28 -1.28 0.00	30.65 -1.14 0.00	36.74 -0.79 0.00	39.17 -0.88 0.00	39.54 -0.93 0.00	38.27 -1.02 0.00	37.65 -0.88 0.00	37.61 -0.93 0.00	36.52 -1.01 0.00	37.55 -1.00 0.00	38.51 -1.11 0.00	40.84 -1.00 0.00	48.01 -1.69 0.00	52.79 -1.46 0.00	54.25 -1.22 0.00	54.30 -1.28 0.00	52.96 -1.03 0.00	46.02 -0.99 0.00	38.00 -1.22 0.00	32.27 -1.52 0.00
VALLEY44_115KV_TB2 355964	31.36 -1.37 0.00	26.77 -1.38 0.00	23.54 -0.83 0.00	21.35 -0.66 0.00	24.56 -1.00 0.00	30.77 -1.02 0.00	36.02 -1.50 0.00	38.29 -1.76 0.00	38.68 -1.78 0.00	37.64 -1.65 0.00	37.22 -1.31 0.00	36.95 -1.58 0.00	36.03 -1.50 0.00	36.78 -1.77 0.00	37.92 -1.70 0.00	39.96 -1.88 0.00	49.03 -0.65 0.02	51.87 -2.39 0.00	53.42 -2.05 0.00	54.14 -1.45 0.00	51.62 -2.38 0.00	44.75 -2.26 0.00	37.85 -1.37 0.00	32.98 -0.81 0.00
VALLEY___115KV_TB 1-4 80826	33.13 0.39 0.00	28.59 0.45 0.00	24.78 0.41 0.00	22.39 0.37 0.00	25.97 0.41 0.00	32.20 0.41 0.00	37.98 0.45 0.00	40.53 0.48 0.00	40.95 0.49 0.00	39.76 0.47 0.00	39.03 0.50 0.00	39.03 0.50 0.00	37.98 0.45 0.00	38.98 0.42 0.00	40.10 0.48 0.00	42.30 0.46 0.00	50.35 0.65 0.00	54.96 0.71 0.00	56.25 0.78 0.00	56.47 0.89 0.00	54.69 0.70 0.00	47.62 0.61 0.00	39.77 0.55 0.00	34.37 0.57 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.11 1.37 0.00	29.55 1.41 0.00	25.66 1.29 0.00	23.18 1.17 0.00	26.86 1.30 0.00	33.19 1.40 0.00	39.10 1.58 0.00	41.89 1.84 0.00	42.41 1.94 0.00	41.17 1.89 0.00	40.53 2.00 0.00	40.61 2.08 0.00	39.57 1.95 -0.09	40.78 2.00 -0.22	42.16 2.14 -0.40	44.55 2.26 -0.45	52.69 2.98 0.00	57.33 3.04 -0.04	58.63 3.16 0.00	58.97 3.39 0.00	56.85 2.86 0.00	49.50 2.49 0.00	41.30 2.08 0.00	35.86 2.06 0.00
VISCHER___FERRY HYD 24020	33.62 0.88 0.00	29.30 1.15 0.00	25.49 1.12 0.00	23.05 1.03 0.00	26.68 1.12 0.00	32.78 0.99 0.00	38.50 0.97 0.00	41.33 1.28 0.00	41.48 1.01 0.00	40.15 0.86 0.00	39.15 0.61 0.00	39.15 0.61 0.00	37.99 0.56 0.10	38.98 0.65 0.23	39.84 0.63 0.41	42.04 0.67 0.47	50.94 1.24 0.00	55.28 1.03 0.00	56.58 1.11 0.00	57.08 1.50 0.00	55.39 1.40 0.00	48.19 1.18 0.00	40.43 1.22 0.00	35.08 1.28 0.00
V_A_10_SYNC_DSASP 323832	30.83 -1.90 0.00	26.29 -1.86 0.00	23.10 -1.27 0.00	20.98 -1.03 0.00	24.20 -1.36 0.00	30.30 -1.49 0.00	35.46 -2.06 0.00	37.29 -2.76 0.00	37.75 -2.71 0.00	36.73 -2.55 0.00	36.26 -2.27 0.00	36.06 -2.47 0.00	35.28 -2.25 0.00	36.01 -2.55 0.00	37.20 -2.42 0.00	39.08 -2.76 0.03	45.25 -4.42 0.00	50.30 -3.96 0.00	51.09 -4.38 0.00	51.41 -4.17 0.00	50.10 -3.89 0.00	43.48 -3.53 0.00	36.67 -2.55 0.00	32.04 -1.76 0.00
V_CMM_10_SYNC_DSASP 323787	32.73 0.00 0.00	27.81 -0.34 0.00	23.88 -0.49 0.00	21.53 -0.48 0.00	25.07 -0.49 0.00	31.54 -0.26 0.00	37.53 0.00 0.00	40.05 0.00 0.00	40.47 0.00 0.00	39.29 0.00 0.00	38.61 0.08 0.00	38.57 0.04 0.00	37.53 0.00 0.00	38.59 0.04 0.00	39.54 -0.08 0.00	41.84 0.00 0.00	49.50 -0.20 0.00	54.20 -0.05 0.00	55.53 0.06 0.00	55.53 -0.06 0.00	54.10 0.11 0.00	47.15 0.14 0.00	39.06 -0.16 0.00	33.22 -0.57 0.00
V_CMP_10_SYNC_DSASP 323788	33.25 0.52 0.00	28.23 0.08 0.00	24.27 -0.10 0.00	21.86 -0.15 0.00	25.43 -0.13 0.00	32.04 0.25 0.00	38.12 0.60 0.00	40.69 0.64 0.00	41.11 0.65 0.00	39.88 0.59 0.00	39.19 0.65 0.00	39.11 0.58 0.00	38.05 0.53 0.00	39.14 0.58 0.00	40.06 0.44 0.00	42.55 0.71 0.00	50.10 0.40 0.00	54.96 0.70 0.00	56.30 0.83 0.00	56.30 0.72 0.00	54.80 0.81 0.00	47.72 0.71 0.00	39.49 0.28 0.00	33.59 -0.20 0.00
V_D_10_SYNC_DSASP 323841	32.77 0.03 0.00	27.81 -0.34 0.00	23.88 -0.49 0.00	21.53 -0.48 0.00	25.05 -0.51 0.00	31.54 -0.26 0.00	37.68 0.15 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.41 0.12 0.00	38.72 0.19 0.00	38.69 0.15 0.00	37.64 0.11 0.00	38.67 0.12 0.00	39.66 0.04 0.00	41.97 0.13 0.00	49.46 -0.25 0.00	54.25 0.00 0.00	55.58 0.11 0.00	55.58 0.00 0.00	54.15 0.16 0.00	47.20 0.19 0.00	39.06 -0.16 0.00	33.22 -0.57 0.00
V_E_10_SYNC_DSASP 323830	34.73 2.00 0.00	29.95 1.80 0.00	25.93 1.56 0.00	23.47 1.45 0.00	27.17 1.61 0.00	33.89 2.10 0.00	40.04 2.51 0.00	42.62 2.57 0.00	42.97 2.51 0.00	41.49 2.20 0.00	40.92 2.39 0.00	40.96 2.43 0.00	39.77 2.18 -0.07	40.95 2.24 -0.16	42.49 2.57 -0.29	45.06 2.88 -0.33	53.79 4.08 -0.01	58.95 4.67 -0.03	60.63 5.16 0.00	60.97 5.39 0.00	59.18 5.18 0.00	51.24 4.23 0.00	42.43 3.22 0.00	36.80 3.01 0.00

V_F_30_NSYNC___DSASP 323816	34.01 1.28 0.00	29.58 1.43 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.96 1.40 0.00	33.19 1.40 0.00	38.99 1.46 0.00	41.81 1.76 0.00	42.04 1.58 0.00	40.62 1.34 0.00	39.69 1.15 0.00	39.69 1.15 0.00	38.52 1.12 0.13	39.57 1.31 0.29	40.43 1.35 0.54	42.78 1.55 0.61	51.94 2.24 0.00	56.29 2.06 0.03	57.75 2.28 0.00	58.19 2.61 0.00	56.42 2.43 0.00	49.03 2.02 0.00	40.98 1.77 0.00	35.55 1.76 0.00
V_F_30_SYNC_DSASP 323786	33.26 0.52 0.00	29.10 0.96 0.00	25.32 0.95 0.00	22.90 0.88 0.00	26.50 0.95 0.00	32.40 0.60 0.00	38.01 0.49 0.00	40.77 0.72 0.00	41.03 0.57 0.00	39.84 0.55 0.00	38.92 0.39 0.00	38.95 0.42 0.00	37.87 0.45 0.11	38.84 0.54 0.26	39.71 0.55 0.47	41.85 0.54 0.53	50.50 0.80 0.00	54.77 0.54 0.02	56.19 0.72 0.00	56.64 1.06 0.00	54.69 0.70 0.00	47.62 0.61 0.00	39.92 0.71 0.00	34.71 0.91 0.00
V_XM_10_SYNC_DSASP 323789	33.25 0.52 0.00	28.23 0.08 0.00	24.27 -0.10 0.00	21.86 -0.15 0.00	25.43 -0.13 0.00	32.04 0.25 0.00	38.12 0.60 0.00	40.69 0.64 0.00	41.11 0.65 0.00	39.88 0.59 0.00	39.19 0.65 0.00	39.11 0.58 0.00	38.05 0.53 0.00	39.14 0.58 0.00	40.06 0.44 0.00	42.55 0.71 0.00	50.10 0.40 0.00	54.96 0.70 0.00	56.30 0.83 0.00	56.30 0.72 0.00	54.80 0.81 0.00	47.72 0.71 0.00	39.49 0.28 0.00	33.59 -0.20 0.00
W.BABYLN_69_KV_BK1 56697	46.92 3.21 -10.98	46.27 3.21 -14.92	44.83 2.90 -17.56	44.74 2.62 -20.11	44.85 2.89 -16.41	45.13 3.12 -10.23	46.06 3.56 -4.97	47.64 4.17 -3.42	46.82 4.45 -1.90	46.26 4.48 -2.50	47.62 4.35 -4.73	50.63 4.47 -7.63	45.39 4.47 -3.40	47.45 4.55 -4.35	52.11 4.60 -7.89	55.68 4.85 -8.99	55.54 5.82 -0.03	67.74 5.91 -7.57	60.96 5.49 0.00	61.14 5.56 0.00	58.04 4.05 0.00	51.01 4.00 0.00	43.65 4.43 0.00	38.20 4.39 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.57 1.83 0.00	30.14 2.00 0.00	26.19 1.83 0.00	23.67 1.65 0.00	27.35 1.79 0.00	33.54 1.75 0.00	39.51 1.99 0.00	42.65 2.60 0.00	43.26 2.79 0.00	42.12 2.83 0.00	41.38 2.85 0.00	41.46 2.93 0.00	42.18 2.89 -1.77	45.61 2.97 -4.09	50.14 3.09 -7.43	53.57 3.26 -8.46	53.75 4.03 -0.02	59.01 4.12 -0.63	59.63 4.16 0.00	59.97 4.39 0.00	57.18 3.19 0.00	49.83 2.82 0.00	41.88 2.67 0.00	36.50 2.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.89 2.16 0.00	30.45 2.31 0.00	26.51 2.14 0.00	23.93 1.92 0.00	27.65 2.10 0.00	33.86 2.07 0.00	39.89 2.36 0.00	43.09 3.04 0.00	43.78 3.32 0.00	42.59 3.30 0.00	41.84 3.31 0.00	42.04 3.51 0.00	42.85 3.45 -1.87	46.43 3.55 -4.33	51.14 3.65 -7.87	54.66 3.85 -8.97	54.50 4.77 -0.02	59.75 4.83 -0.67	60.24 4.77 0.00	60.53 4.95 0.00	57.61 3.62 0.00	50.25 3.24 0.00	42.28 3.06 0.00	36.94 3.14 0.00
W50THST__13_KV_LOAD 356117	35.12 2.39 0.00	30.62 2.48 0.00	26.66 2.29 0.00	24.06 2.05 0.00	27.81 2.25 0.00	34.05 2.26 0.00	40.15 2.63 0.00	43.37 3.32 0.00	44.11 3.64 0.00	42.90 3.61 0.00	42.11 3.58 0.00	42.27 3.74 0.00	43.11 3.72 -1.87	46.70 3.82 -4.33	51.42 3.92 -7.87	55.08 4.27 -8.97	54.95 5.22 -0.02	60.24 5.32 -0.67	60.74 5.27 0.00	60.97 5.39 0.00	57.99 4.00 0.00	50.49 3.48 0.00	42.47 3.26 0.00	37.14 3.35 0.00
WADING RIVER_IC_1 23522	47.51 3.80 -10.99	46.78 3.71 -14.92	45.59 3.34 -17.89	45.48 2.99 -20.47	45.61 3.35 -16.71	45.86 3.65 -10.42	46.83 4.24 -5.06	48.51 4.92 -3.53	47.62 5.18 -1.97	47.01 5.19 -2.54	61.01 5.05 -17.44	75.75 5.16 -32.05	45.70 4.77 -3.41	47.81 4.86 -4.40	52.39 4.87 -7.90	56.07 5.19 -9.04	55.70 5.96 -0.03	118.23 6.18 -57.79	60.57 5.10 0.00	60.41 4.83 0.00	57.83 3.83 0.00	50.73 3.71 -0.01	43.30 4.08 0.00	37.89 4.09 -0.01
WADING RIVER_IC_2 23547	47.51 3.80 -10.99	46.78 3.71 -14.92	45.59 3.34 -17.89	45.48 2.99 -20.47	45.61 3.35 -16.71	45.86 3.65 -10.42	46.83 4.24 -5.06	48.51 4.92 -3.53	47.62 5.18 -1.97	47.01 5.19 -2.54	61.01 5.05 -17.44	75.75 5.16 -32.05	45.70 4.77 -3.41	47.81 4.86 -4.40	52.39 4.87 -7.90	56.07 5.19 -9.04	55.70 5.96 -0.03	118.23 6.18 -57.79	60.57 5.10 0.00	60.41 4.83 0.00	57.83 3.83 0.00	50.73 3.71 -0.01	43.30 4.08 0.00	37.89 4.09 -0.01
WADING RIVER_IC_3 23601	47.51 3.80 -10.99	46.78 3.71 -14.92	45.59 3.34 -17.89	45.48 2.99 -20.47	45.61 3.35 -16.71	45.86 3.65 -10.42	46.83 4.24 -5.06	48.51 4.92 -3.53	47.62 5.18 -1.97	47.01 5.19 -2.54	61.01 5.05 -17.44	75.75 5.16 -32.05	45.70 4.77 -3.41	47.81 4.86 -4.40	52.39 4.87 -7.90	56.07 5.19 -9.04	55.70 5.96 -0.03	118.23 6.18 -57.79	60.57 5.10 0.00	60.41 4.83 0.00	57.83 3.83 0.00	50.73 3.71 -0.01	43.30 4.08 0.00	37.89 4.09 -0.01
WALDENNY_12_KV_BK2 80841	31.03 -1.70 0.00	26.37 -1.77 0.00	23.25 -1.12 0.00	21.09 -0.92 0.00	24.28 -1.28 0.00	30.49 -1.30 0.00	35.57 -1.95 0.00	37.49 -2.56 0.00	38.00 -2.47 0.00	36.97 -2.32 0.00	36.53 -2.00 0.00	36.33 -2.20 0.00	35.46 -2.06 0.00	36.28 -2.27 0.00	37.40 -2.22 0.00	39.29 -2.55 0.00	46.67 -2.98 0.05	50.67 -3.58 0.00	52.14 -3.33 0.00	52.75 -2.83 0.00	50.54 -3.46 0.00	43.91 -3.10 0.00	37.10 -2.12 0.00	32.44 -1.35 0.00
WALDEN__HYDRO 24148	34.43 1.70 0.00	30.03 1.89 0.00	26.10 1.73 0.00	23.56 1.54 0.00	27.25 1.69 0.00	33.44 1.65 0.00	39.33 1.80 0.00	42.41 2.36 0.00	42.97 2.51 0.00	41.84 2.55 0.00	41.04 2.50 0.00	41.07 2.54 0.00	41.77 2.55 -1.69	45.10 2.62 -3.92	49.49 2.73 -7.13	52.89 2.93 -8.12	53.40 3.68 -0.02	58.60 3.74 -0.61	59.30 3.83 0.00	59.64 4.06 0.00	56.96 2.97 0.00	49.74 2.73 0.00	41.73 2.51 0.00	36.33 2.53 0.00
WARRENSBURG____ 23737	34.07 1.34 0.00	29.58 1.44 0.00	25.73 1.36 0.00	23.25 1.23 0.00	26.99 1.43 0.00	33.29 1.49 0.00	39.14 1.61 0.00	41.97 1.92 0.00	42.25 1.78 0.00	40.70 1.41 0.00	39.76 1.23 0.00	39.76 1.23 0.00	38.59 1.20 0.13	39.71 1.47 0.31	40.68 1.62 0.57	43.12 1.92 0.65	52.29 2.58 0.00	56.61 2.39 0.03	58.30 2.83 0.00	58.80 3.22 0.00	56.80 2.81 0.00	49.31 2.30 0.00	41.10 1.88 0.00	35.65 1.86 0.00
WATERSIDE____6 8 9 23538	34.89 2.16 0.00	30.52 2.36 -0.01	26.56 2.19 0.00	23.97 1.96 0.00	27.65 2.10 0.00	33.79 2.00 0.00	39.77 2.25 0.00	42.97 2.92 0.00	43.62 3.16 0.00	42.54 3.26 0.01	41.80 3.28 0.01	40.40 3.51 1.64	41.44 3.49 -0.42	45.75 3.59 -3.61	50.98 3.68 -7.67	54.66 3.85 -8.97	54.45 4.72 -0.02	59.64 4.72 -0.67	60.13 4.66 0.00	60.41 4.84 0.00	57.55 3.56 0.00	50.14 3.20 0.06	40.66 3.02 1.58	36.83 3.04 0.01
WATKINRD_115KV_LN8_ILLION 55919	33.03 0.29 0.00	28.48 0.34 0.00	24.68 0.32 0.00	22.32 0.31 0.00	25.89 0.33 0.00	32.11 0.32 0.00	37.83 0.30 0.00	40.37 0.32 0.00	40.79 0.32 0.00	39.60 0.31 0.00	38.84 0.31 0.00	38.88 0.35 0.00	37.83 0.30 0.00	38.86 0.31 0.00	39.94 0.32 0.00	42.18 0.33 0.00	50.20 0.50 0.00	54.80 0.54 0.00	56.08 0.61 0.00	56.25 0.67 0.00	54.53 0.54 0.00	47.48 0.47 0.00	39.61 0.39 0.00	34.27 0.47 0.00

WDELAWARE___HYD 323627	34.86 2.13 0.00	30.34 2.20 0.00	26.34 1.97 0.00	23.80 1.78 0.00	27.53 1.97 0.00	33.86 2.07 0.00	39.74 2.21 0.00	42.81 2.76 0.00	43.38 2.92 0.00	42.19 2.91 0.00	41.38 2.85 0.00	41.34 2.81 0.00	41.60 2.66 -1.41	44.51 2.70 -3.26	48.32 2.77 -5.93	51.64 3.05 -6.75	53.60 3.88 -0.02	58.88 4.12 -0.51	59.57 4.10 0.00	59.69 4.11 0.00	57.50 3.51 0.00	50.16 3.15 0.00	42.00 2.78 0.00	36.53 2.74 0.00
WEST BABYLON___IC 23714	46.92 3.21 -10.98	46.27 3.21 -14.92	44.83 2.90 -17.56	44.74 2.62 -20.11	44.85 2.89 -16.41	45.13 3.12 -10.23	46.06 3.56 -4.97	47.64 4.17 -3.42	46.82 4.45 -1.90	46.26 4.48 -2.50	47.62 4.35 -4.73	50.63 4.47 -7.63	45.39 4.47 -3.40	47.45 4.55 -4.35	52.11 4.60 -7.89	55.68 4.85 -8.99	55.54 5.82 -0.03	67.74 5.91 -7.57	60.96 5.49 0.00	61.14 5.56 0.00	58.04 4.05 0.00	51.01 4.00 0.00	43.65 4.43 0.00	38.20 4.39 -0.01
WEST CANADA___HYD 24049	32.77 0.03 0.00	28.29 0.14 0.00	24.51 0.15 0.00	22.15 0.13 0.00	25.69 0.13 0.00	31.85 0.06 0.00	37.53 0.00 0.00	40.09 0.04 0.00	40.47 0.00 0.00	39.29 0.00 0.00	38.53 0.00 0.00	38.53 0.00 0.00	37.53 0.00 0.00	38.56 0.00 0.00	39.66 0.04 0.00	41.88 0.04 0.00	49.80 0.10 0.00	54.36 0.11 0.00	55.58 0.11 0.00	55.69 0.11 0.00	54.05 0.05 0.00	47.06 0.05 0.00	39.34 0.12 0.00	34.00 0.20 0.00
WESTERN_NY_WIND 24143	31.49 -1.24 0.00	26.79 -1.35 0.00	23.54 -0.83 0.00	21.40 -0.62 0.00	24.69 -0.87 0.00	31.03 -0.76 0.00	36.29 -1.24 0.00	38.33 -1.72 0.00	38.85 -1.62 0.00	37.72 -1.57 0.00	37.14 -1.39 0.00	36.87 -1.66 0.00	36.06 -1.46 0.00	36.94 -1.62 0.00	38.08 -1.55 0.00	40.00 -1.84 0.00	47.04 -2.63 0.03	51.87 -2.39 0.00	53.47 -2.00 0.00	54.14 -1.45 0.00	52.10 -1.89 0.00	45.08 -1.93 0.00	37.92 -1.29 0.00	32.88 -0.91 0.00
WESTOVER___LESR 323668	32.77 0.03 0.00	28.23 0.08 0.00	24.59 0.22 0.00	22.23 0.22 0.00	25.71 0.15 0.00	31.98 0.19 0.00	37.64 0.11 0.00	40.17 0.12 0.00	40.59 0.12 0.00	39.40 0.12 0.00	38.76 0.23 0.00	38.68 0.15 0.00	37.79 0.19 -0.07	38.84 0.12 -0.17	40.09 0.16 -0.31	42.36 0.17 -0.35	50.15 0.45 0.00	54.55 0.27 -0.03	55.91 0.44 0.00	56.41 0.83 0.00	54.21 0.22 0.00	47.15 0.14 0.00	39.49 0.27 0.00	34.27 0.47 0.00
WETHRSFD_WT_PWR 323626	31.23 -1.51 0.00	26.60 -1.55 0.00	23.37 -1.00 0.00	21.18 -0.84 0.00	24.36 -1.20 0.00	30.46 -1.33 0.00	35.76 -1.76 0.00	37.81 -2.24 0.00	38.28 -2.19 0.00	37.05 -2.24 0.00	36.61 -1.93 0.00	36.34 -2.19 0.00	35.35 -2.18 0.00	35.90 -2.66 0.00	36.97 -2.65 0.00	38.99 -2.85 0.00	46.20 -3.33 0.17	50.73 -3.53 0.00	51.87 -3.60 0.00	52.58 -3.00 0.00	51.35 -2.64 0.00	44.66 -2.35 0.00	37.65 -1.57 0.00	32.75 -1.05 0.00
WHAVSTOR_138KV_BK127 55557	34.47 1.73 0.00	30.06 1.91 0.00	26.15 1.78 0.00	23.60 1.59 0.00	27.27 1.71 0.00	33.44 1.65 0.00	39.36 1.84 0.00	42.49 2.44 0.00	43.05 2.59 0.00	41.96 2.67 0.00	41.19 2.66 0.00	41.27 2.74 0.00	42.04 2.74 -1.77	45.47 2.81 -4.10	49.97 2.89 -7.46	53.39 3.05 -8.50	53.50 3.78 -0.02	58.74 3.85 -0.63	59.35 3.88 0.00	59.69 4.11 0.00	56.91 2.92 0.00	49.64 2.63 0.00	41.73 2.51 0.00	36.36 2.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.47 1.73 0.00	30.06 1.91 0.00	26.15 1.78 0.00	23.60 1.59 0.00	27.27 1.71 0.00	33.44 1.65 0.00	39.36 1.84 0.00	42.49 2.44 0.00	43.05 2.59 0.00	41.96 2.67 0.00	41.19 2.66 0.00	41.27 2.74 0.00	42.04 2.74 -1.77	45.47 2.81 -4.10	49.97 2.89 -7.46	53.39 3.05 -8.50	53.50 3.78 -0.02	58.74 3.85 -0.63	59.35 3.88 0.00	59.69 4.11 0.00	56.91 2.92 0.00	49.64 2.63 0.00	41.73 2.51 0.00	36.36 2.57 0.00
WHITEHAL_115KV_TB1 80871	34.60 1.87 0.00	30.03 1.89 0.00	26.12 1.75 0.00	23.60 1.59 0.00	27.42 1.87 0.00	33.83 2.03 0.00	39.78 2.25 0.00	42.65 2.60 0.00	42.85 2.39 0.00	41.17 1.89 0.00	40.15 1.62 0.00	40.19 1.66 0.00	39.01 1.61 0.13	40.14 1.89 0.31	41.24 2.18 0.56	43.80 2.59 0.64	53.13 3.43 0.00	57.59 3.36 0.03	59.46 3.99 0.00	60.08 4.50 0.00	58.04 4.05 0.00	50.30 3.29 0.00	41.85 2.63 0.00	36.26 2.47 0.00
WHITEPLN_13_KV_LOAD 356215	34.89 2.16 0.00	30.42 2.28 0.00	26.46 2.10 0.00	23.89 1.87 0.00	27.63 2.07 0.00	33.86 2.07 0.00	39.85 2.33 0.00	43.05 3.00 0.00	43.70 3.24 0.00	42.59 3.30 0.00	41.88 3.35 0.00	42.00 3.47 0.00	42.84 3.45 -1.86	46.42 3.55 -4.32	51.15 3.68 -7.85	54.63 3.85 -8.94	54.45 4.72 -0.02	59.80 4.88 -0.67	60.35 4.88 0.00	60.69 5.11 0.00	57.83 3.83 0.00	50.35 3.34 0.00	42.28 3.06 0.00	36.87 3.08 0.00
WM_FLOYD_69_KV_BK2 356380	47.39 3.67 -10.99	46.66 3.60 -14.92	45.49 3.24 -17.88	45.39 2.91 -20.47	45.51 3.25 -16.70	45.73 3.53 -10.41	46.68 4.09 -5.06	48.31 4.73 -3.53	47.42 4.98 -1.97	46.81 4.99 -2.54	61.07 4.85 -17.68	75.99 4.93 -32.53	45.70 4.77 -3.41	47.81 4.86 -4.40	52.47 4.95 -7.90	56.11 5.23 -9.04	55.90 6.16 -0.04	119.43 6.40 -58.77	61.18 5.71 0.00	61.31 5.72 0.00	58.15 4.16 0.00	51.11 4.09 -0.01	43.65 4.43 0.00	38.23 4.43 -0.01
WOODARD___115KV_TB2 355635	32.47 -0.26 0.00	27.95 -0.20 0.00	24.27 -0.10 0.00	21.95 -0.07 0.00	25.41 -0.15 0.00	31.63 -0.16 0.00	37.26 -0.26 0.00	39.57 -0.48 0.00	40.06 -0.40 0.00	38.89 -0.39 0.00	38.18 -0.35 0.00	38.18 -0.35 0.00	37.23 -0.30 0.00	38.21 -0.35 0.00	39.30 -0.32 0.00	41.51 -0.33 0.00	49.26 -0.45 0.00	53.82 -0.43 0.00	55.14 -0.33 0.00	55.36 -0.22 0.00	53.51 -0.49 0.00	46.54 -0.47 0.00	38.90 -0.31 0.00	33.66 -0.14 0.00
WOODMERE_69_KV_BK1 55827	46.69 2.98 -10.98	46.04 2.98 -14.92	43.12 2.70 -16.05	42.81 2.42 -18.37	43.21 2.66 -14.99	43.94 2.80 -9.35	45.30 3.23 -4.54	47.28 4.01 -3.23	46.47 4.21 -1.79	45.86 4.20 -2.36	45.68 4.32 -2.83	47.24 4.43 -4.28	45.35 4.43 -3.40	47.52 4.63 -4.34	52.26 4.75 -7.89	55.88 5.06 -8.98	55.79 6.06 -0.02	61.22 6.29 -0.67	61.35 5.88 0.00	61.53 5.95 0.00	58.36 4.37 0.00	51.20 4.18 0.00	43.41 4.20 0.00	37.89 4.09 -0.01
YORK___WARBASSE 23770	35.08 2.32 -0.02	30.71 2.56 -0.01	26.71 2.34 -0.01	24.14 2.11 -0.01	27.84 2.27 -0.01	33.99 2.19 -0.01	39.99 2.44 -0.02	43.16 3.08 -0.02	43.73 3.24 -0.03	42.68 3.34 -0.06	41.94 3.35 -0.06	53.57 3.58 -11.46	53.10 3.57 -12.01	51.63 3.66 -9.41	52.70 3.76 -9.32	54.92 4.10 -8.98	54.72 4.97 -0.05	59.94 4.99 -0.69	60.49 4.99 -0.02	60.83 5.22 -0.02	57.94 3.94 -0.01	50.80 3.34 -0.45	53.38 3.14 -11.03	36.96 3.11 -0.06