

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/02/2026	
Generator Data																																	
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	33.05	29.16	24.90	25.51	25.34	29.45	38.00	37.88	32.96	27.06	25.56	26.21	25.55	27.36	29.51	31.54	33.36	39.15	48.82	59.81	61.52	51.16	39.17	34.60								
		1.36	1.34	1.10	1.10	1.09	1.32	1.67	2.08	1.98	1.75	1.58	1.58	1.60	1.65	1.90	2.15	1.98	2.53	2.81	3.12	2.93	2.44	1.76	1.68								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_1	24260	33.01	29.13	24.88	25.49	25.30	29.42	37.89	37.78	32.83	26.99	25.48	26.13	25.47	27.28	29.43	31.45	33.30	39.04	48.68	59.70	61.40	51.06	39.10	34.53								
		1.33	1.31	1.07	1.07	1.04	1.29	1.56	1.97	1.86	1.67	1.51	1.50	1.53	1.57	1.82	2.06	1.91	2.42	2.67	3.00	2.81	2.34	1.68	1.61								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_2	24261	33.01	29.13	24.88	25.49	25.30	29.42	37.89	37.78	32.83	26.99	25.48	26.13	25.47	27.28	29.43	31.45	33.30	39.04	48.68	59.70	61.40	51.06	39.10	34.53								
		1.33	1.31	1.07	1.07	1.04	1.29	1.56	1.97	1.86	1.67	1.51	1.50	1.53	1.57	1.82	2.06	1.91	2.42	2.67	3.00	2.81	2.34	1.68	1.61								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK HUDSON___FALLS	24011	33.01	29.10	24.86	25.49	25.34	29.42	37.89	37.02	31.87	25.77	24.41	25.05	24.40	26.26	28.13	30.25	32.26	37.90	48.04	59.47	61.57	51.30	39.28	34.60								
		1.33	1.28	1.05	1.07	1.09	1.29	1.56	1.22	0.90	0.46	0.43	0.42	0.45	0.54	0.52	0.85	0.88	1.28	2.02	2.78	2.99	2.58	1.87	1.68								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK RESOURCE___RCVRY	23798	33.11	29.18	24.93	25.56	25.42	29.53	38.00	37.09	31.94	25.82	24.43	25.12	24.42	26.28	28.16	30.31	32.33	37.98	48.22	59.81	62.04	51.55	39.43	34.73								
		1.43	1.36	1.12	1.15	1.16	1.41	1.67	1.29	0.96	0.51	0.45	0.49	0.48	0.57	0.55	0.91	0.94	1.36	2.21	3.12	3.46	2.82	2.02	1.81								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK S GLENS___FALLS	24028	33.01	29.10	24.86	25.49	25.34	29.42	37.89	37.02	31.87	25.77	24.41	25.05	24.40	26.26	28.13	30.25	32.26	37.90	48.04	59.47	61.57	51.30	39.28	34.60								
		1.33	1.28	1.05	1.07	1.09	1.29	1.56	1.22	0.90	0.46	0.43	0.42	0.45	0.54	0.52	0.85	0.88	1.28	2.02	2.78	2.99	2.58	1.87	1.68								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK_NYS___DAM	23527	33.11	29.13	24.93	25.54	25.37	29.45	38.00	37.42	32.25	26.18	24.91	25.66	24.88	26.82	28.79	30.81	32.80	38.38	48.31	59.19	61.46	51.11	39.21	34.60								
		1.43	1.31	1.12	1.12	1.12	1.32	1.67	1.61	1.27	0.86	0.93	1.03	0.93	1.10	1.19	1.41	1.41	1.76	2.30	2.49	2.87	2.39	1.80	1.68								
		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	32.22	28.41	24.31	24.93	24.74	28.66	36.70	36.02	31.10	25.32	24.02	24.73	24.01	25.82	27.72	29.63	31.57	36.99	46.29	56.92	58.82	49.01	37.82	33.64								
		0.54	0.58	0.50	0.51	0.49	0.53	0.36	0.21	0.12	0.00	0.05	0.10	0.07	0.10	0.11	0.24	0.19	0.37	0.28	0.23	0.23	0.29	0.41	0.72								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AKWESSNE_115KV_BK	355683	31.90	27.96	23.86	24.49	24.30	28.18	36.40	35.88	31.07	25.39	24.05	24.73	24.01	25.74	27.60	29.40	31.42	36.58	46.06	56.30	58.29	48.82	37.49	33.02								
		0.22	0.14	0.05	0.07	0.05	0.06	0.07	0.07	0.09	0.08	0.07	0.10	0.07	0.03	0.00	0.00	0.03	-0.04	0.05	-0.40	-0.29	0.10	0.07	0.10								
		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	32.57	28.71	24.57	25.19	25.01	28.97	37.17	36.34	31.25	25.39	24.05	24.75	24.04	25.84	27.77	29.72	31.70	37.17	46.93	58.06	60.17	50.04	38.46	34.00								
		0.89	0.89	0.76	0.78	0.75	0.84	0.84	0.54	0.28	0.08	0.07	0.12	0.10	0.13	0.17	0.32	0.31	0.55	0.92	1.36	1.58	1.32	1.05	1.08								
		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	32.57	28.71	24.57	25.17	25.01	28.94	37.13	36.34	31.25	25.39	24.05	24.75	24.04	25.84	27.77	29.72	31.70	37.17	46.93	58.06	60.17	49.99	38.46	33.97								
		0.89	0.89	0.76	0.76	0.75	0.82	0.80	0.54	0.28	0.08	0.07	0.12	0.10	0.13	0.17	0.32	0.31	0.55	0.92	1.36	1.58	1.26	1.05	1.05								
		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	32.22	28.41	24.31	24.93	24.74	28.66	36.70	36.02	31.10	25.32	24.02	24.73	24.01	25.82	27.72	29.63	31.57	36.99	46.29	56.92	58.82	49.01	37.82	33.64								
		0.54	0.58	0.50	0.51	0.49	0.53	0.36	0.21	0.12	0.00	0.05	0.10	0.07	0.10	0.11	0.24	0.19	0.37	0.28	0.23	0.23	0.29	0.41	0.72								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								

ALBANY___2 23572	32.22 0.54 0.00	28.41 0.58 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.49 0.00	28.66 0.53 0.00	36.70 0.36 0.00	36.02 0.21 0.00	31.10 0.12 0.00	25.32 0.00 0.00	24.02 0.05 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.63 0.24 0.00	31.57 0.19 0.00	36.99 0.37 0.00	46.29 0.28 0.00	56.92 0.23 0.00	58.82 0.23 0.00	49.01 0.29 0.00	37.82 0.41 0.00	33.64 0.72 0.00
ALBANY___3 23573	32.22 0.54 0.00	28.41 0.58 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.49 0.00	28.66 0.53 0.00	36.70 0.36 0.00	36.02 0.21 0.00	31.10 0.12 0.00	25.32 0.00 0.00	24.02 0.05 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.63 0.24 0.00	31.57 0.19 0.00	36.99 0.37 0.00	46.29 0.28 0.00	56.92 0.23 0.00	58.82 0.23 0.00	49.01 0.29 0.00	37.82 0.41 0.00	33.64 0.72 0.00
ALBANY___4 23574	32.22 0.54 0.00	28.41 0.58 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.49 0.00	28.66 0.53 0.00	36.70 0.36 0.00	36.02 0.21 0.00	31.10 0.12 0.00	25.32 0.00 0.00	24.02 0.05 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.63 0.24 0.00	31.57 0.19 0.00	36.99 0.37 0.00	46.29 0.28 0.00	56.92 0.23 0.00	58.82 0.23 0.00	49.01 0.29 0.00	37.82 0.41 0.00	33.64 0.72 0.00
ALBANY___LFGE 323615	32.44 0.76 0.00	28.63 0.81 0.00	24.47 0.67 0.00	25.09 0.68 0.00	24.91 0.66 0.00	28.86 0.73 0.00	37.02 0.69 0.00	36.34 0.54 0.00	31.38 0.40 0.00	25.52 0.20 0.00	24.21 0.24 0.00	24.93 0.30 0.00	24.21 0.26 0.00	26.02 0.31 0.00	27.94 0.33 0.00	29.89 0.50 0.00	31.82 0.44 0.00	37.24 0.62 0.00	46.75 0.73 0.00	57.60 0.90 0.00	59.64 1.06 0.00	49.55 0.83 0.00	38.20 0.79 0.00	33.91 0.99 0.00
ALCOA_PA_115KV_PL-6C 55860	31.97 0.28 0.00	28.02 0.20 0.00	23.88 0.07 0.00	24.54 0.12 0.00	24.35 0.10 0.00	28.24 0.11 0.00	36.44 0.11 0.00	35.91 0.11 0.00	31.10 0.12 0.00	25.42 0.10 0.00	24.05 0.07 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.74 0.03 0.00	27.60 0.00 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.55 -0.07 0.00	46.10 0.09 0.00	56.64 -0.06 0.00	58.65 0.06 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.05 0.13 0.00
ALCOA_RYNLDS___DRP 24188	31.97 0.29 0.00	28.02 0.19 0.00	23.88 0.07 0.00	24.53 0.12 0.00	24.35 0.10 0.00	28.24 0.11 0.00	36.44 0.11 0.00	35.91 0.11 0.00	31.07 0.09 0.00	25.42 0.10 0.00	24.05 0.07 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.74 0.03 0.00	27.63 0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.55 -0.07 0.00	46.10 0.09 0.00	56.64 -0.06 0.00	58.59 0.00 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.05 0.13 0.00
ALCOA___DSASP 323711	31.97 0.29 0.00	28.02 0.19 0.00	23.88 0.07 0.00	24.53 0.12 0.00	24.35 0.10 0.00	28.24 0.11 0.00	36.44 0.11 0.00	35.91 0.11 0.00	31.07 0.09 0.00	25.42 0.10 0.00	24.05 0.07 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.74 0.03 0.00	27.63 0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.55 -0.07 0.00	46.10 0.09 0.00	56.64 -0.06 0.00	58.59 0.00 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.05 0.13 0.00
ALLEGHENY___COGEN 23514	30.83 -0.85 0.00	26.79 -1.03 0.00	23.05 -0.76 0.00	23.73 -0.68 0.00	23.65 -0.61 0.00	27.46 -0.70 -0.04	61.69 -0.43 -25.80	45.58 -1.04 -10.81	29.94 -1.11 -0.08	24.35 -1.01 -0.05	22.92 -1.05 0.00	23.45 -1.18 0.00	22.77 -1.17 0.00	24.48 -1.23 0.00	26.32 -1.32 -0.04	32.27 -1.65 -4.52	30.27 -1.41 -0.30	35.55 -1.17 -0.10	58.90 -0.83 -13.72	61.38 0.40 -4.28	63.06 0.00 -4.47	51.75 0.05 -2.98	37.76 0.00 -0.35	32.54 -0.46 -0.08
ALTAMONT_115KV_TB 2 55880	32.28 0.60 0.00	28.43 0.61 0.00	24.33 0.52 0.00	24.93 0.51 0.00	24.76 0.51 0.00	28.72 0.59 0.00	36.99 0.65 0.00	36.45 0.64 0.00	31.47 0.50 0.00	25.67 0.35 0.00	24.33 0.36 0.00	25.00 0.37 0.00	24.30 0.36 0.00	26.13 0.41 0.00	28.07 0.47 0.00	29.98 0.59 0.00	31.95 0.56 0.00	37.39 0.77 0.00	46.98 0.97 0.00	57.83 1.13 0.00	59.70 1.11 0.00	49.70 0.97 0.00	38.20 0.79 0.00	33.68 0.76 0.00
ALTONA_WT_PWR 323606	32.03 0.35 0.00	28.04 0.22 0.00	23.90 0.10 0.00	24.49 0.07 0.00	24.30 0.05 0.00	28.21 0.08 0.00	36.44 0.11 0.00	35.99 0.18 0.00	31.19 0.22 0.00	25.52 0.20 0.00	24.17 0.19 0.00	24.83 0.20 0.00	24.09 0.14 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.51 0.12 0.00	31.57 0.19 0.00	36.77 0.15 0.00	46.38 0.37 0.00	56.98 0.28 0.00	58.94 0.35 0.00	49.07 0.34 0.00	37.68 0.26 0.00	33.15 0.23 0.00
AMERICAN_REF_FUEL 24010	27.37 -4.31 0.00	23.73 -4.09 0.00	20.45 -3.36 0.00	20.99 -3.42 0.00	20.98 -3.27 0.00	24.09 -4.02 0.01	25.82 -4.11 6.41	29.10 -4.01 2.70	27.24 -3.72 0.02	22.54 -2.76 0.01	21.41 -2.56 0.00	21.95 -2.68 0.00	21.36 -2.59 0.00	22.89 -2.83 0.00	24.56 -3.04 0.01	24.97 -3.29 1.14	27.55 -3.74 0.10	32.42 -4.18 0.02	36.18 -4.97 4.86	45.86 -6.69 4.14	46.02 -7.97 4.60	39.62 -6.24 2.86	32.61 -4.49 0.31	28.85 -4.05 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.13 -3.55 0.00	24.45 -3.37 0.00	21.14 -2.67 0.00	21.73 -2.69 0.00	21.73 -2.52 0.00	24.99 -3.12 0.01	26.13 -2.40 7.81	30.27 -2.25 3.28	29.19 -1.76 0.03	23.73 -1.57 0.02	22.46 -1.51 0.00	22.98 -1.65 0.00	22.39 -1.56 0.00	23.94 -1.77 0.00	25.60 -1.99 0.01	25.96 -2.06 1.38	29.36 -1.95 0.08	34.50 -2.09 0.03	38.25 -2.25 5.51	49.99 -2.49 4.22	50.35 -3.51 4.72	42.89 -2.92 2.91	34.69 -2.40 0.32	30.39 -2.50 0.03
ARTHUR KILL_GT_1 23520	33.27 1.58 0.00	29.30 1.47 0.00	25.02 1.21 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.42 1.29 0.00	37.71 1.38 0.00	37.49 1.68 0.00	32.49 1.52 0.00	26.78 1.47 0.00	25.27 1.29 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.16 1.44 -0.01	29.30 1.68 -0.01	31.31 1.91 -0.01	33.21 1.82 0.00	38.96 2.34 0.00	48.50 2.48 0.00	59.36 2.66 0.00	60.99 2.40 0.00	51.01 2.29 0.00	39.13 1.72 0.00	34.73 1.81 0.00
ARTHUR_KILL_2 23512	33.20 1.52 0.00	29.24 1.42 0.00	25.02 1.21 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.34 1.21 0.00	37.64 1.31 0.00	37.42 1.61 0.00	32.43 1.46 0.00	26.73 1.42 0.00	25.22 1.25 0.00	25.91 1.28 0.00	25.26 1.32 0.00	27.11 1.39 -0.01	29.21 1.60 -0.01	31.23 1.82 -0.01	33.08 1.69 0.00	38.71 2.09 0.00	48.36 2.35 0.00	59.19 2.49 0.00	60.99 2.40 0.00	50.86 2.14 0.00	38.98 1.57 0.00	34.63 1.71 0.00
ARTHUR_KILL_3 23513	32.76 1.08 0.00	28.91 1.08 0.00	24.76 0.95 0.00	25.32 0.90 0.00	25.12 0.87 0.00	29.20 1.07 0.00	37.64 1.31 0.00	37.53 1.72 0.00	32.65 1.67 0.00	26.83 1.52 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.15 1.44 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.05 1.66 0.00	38.63 2.01 0.00	48.36 2.35 0.00	59.31 2.61 0.00	61.16 2.57 0.00	50.72 2.00 0.00	38.80 1.39 0.00	34.30 1.38 0.00

ARTHUR_KILL_COGEN 323718	33.27 1.58 0.00	29.29 1.47 0.00	25.07 1.26 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.42 1.29 0.00	37.71 1.38 0.00	37.49 1.68 0.00	32.49 1.52 0.00	26.78 1.47 0.00	25.27 1.29 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.19 1.47 -0.01	29.30 1.68 -0.01	31.31 1.91 -0.01	33.17 1.79 0.00	38.82 2.20 0.00	48.50 2.48 0.00	59.36 2.67 0.00	61.23 2.64 0.00	51.01 2.29 0.00	39.10 1.69 0.00	34.73 1.81 0.00
ASHOKAN____ 23654	32.82 1.14 0.00	28.91 1.08 0.00	24.71 0.90 0.00	25.32 0.90 0.00	25.08 0.83 0.00	29.08 0.96 0.00	37.46 1.13 0.00	36.59 0.79 0.00	31.50 0.53 0.00	25.54 0.23 0.00	24.12 0.14 0.00	24.75 0.12 0.00	24.04 0.10 0.00	25.90 0.18 0.00	27.91 0.30 0.00	29.86 0.47 0.00	31.89 0.50 0.00	37.68 1.06 0.00	47.72 1.70 0.00	59.02 2.33 0.00	60.87 2.28 0.00	50.57 1.85 0.00	38.76 1.34 0.00	34.24 1.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.15 1.46 -0.01	29.25 1.42 -0.01	25.03 1.21 -0.01	25.59 1.17 -0.01	25.40 1.14 -0.01	29.51 1.38 -0.01	38.03 1.71 0.01	37.87 2.08 0.01	32.92 1.95 0.01	26.88 1.57 0.01	25.36 1.39 0.01	26.00 1.38 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.33 1.94 0.01	33.36 1.98 0.01	38.95 2.35 0.02	47.98 1.98 0.01	58.73 2.04 0.01	60.57 1.99 0.01	50.32 1.61 0.01	38.53 1.12 0.01	34.27 1.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.15 1.46 -0.01	29.25 1.42 -0.01	25.03 1.21 -0.01	25.62 1.20 -0.01	25.42 1.16 -0.01	29.54 1.41 -0.01	38.03 1.71 0.01	37.87 2.08 0.01	32.92 1.95 0.01	26.88 1.57 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.20 1.49 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.36 1.98 0.01	38.95 2.35 0.02	47.98 1.98 0.01	58.73 2.04 0.01	60.57 1.99 0.01	50.32 1.61 0.01	38.53 1.12 0.01	34.27 1.35 0.00
ASTORIA_GT2_1 24094	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT2_2 24095	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT2_3 24096	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT2_4 24097	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT3_1 24098	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT3_2 24099	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT3_3 24100	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT3_4 24101	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT4_1 24102	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT4_2 24103	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT4_3 24104	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00

ASTORIA_GT4_4 24105	33.15 1.46 -0.01	29.24 1.42 0.00	25.00 1.19 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.53 1.41 0.00	38.03 1.71 0.01	37.88 2.08 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.39 2.01 0.01	39.13 2.53 0.02	47.99 1.98 0.00	58.74 2.04 0.00	60.40 1.82 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.30 1.38 0.00
ASTORIA_GT_1 23523	33.21 1.52 -0.01	29.27 1.45 0.00	25.02 1.21 0.00	25.63 1.22 0.00	25.44 1.19 0.00	29.56 1.43 0.00	38.10 1.78 0.01	37.95 2.15 0.01	32.98 2.01 0.01	26.90 1.59 0.01	25.40 1.44 0.01	26.05 1.43 0.01	25.42 1.48 0.01	27.22 1.52 0.01	29.36 1.77 0.01	31.39 2.00 0.01	33.45 2.07 0.01	39.20 2.60 0.02	48.08 2.07 0.00	58.85 2.15 0.00	60.46 1.87 0.00	50.43 1.71 0.00	38.65 1.23 0.00	34.34 1.42 0.00
ASTORIA_GT_10 24110	32.98 1.30 0.00	29.07 1.25 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.77 0.00	26.91 1.59 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.21 1.82 0.00	38.93 2.31 0.00	48.36 2.35 0.00	59.13 2.44 0.00	60.75 2.17 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.51 0.00
ASTORIA_GT_11 24225	32.98 1.30 0.00	29.07 1.25 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.77 0.00	26.91 1.59 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.21 1.82 0.00	38.93 2.31 0.00	48.36 2.35 0.00	59.13 2.44 0.00	60.75 2.17 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.51 0.00
ASTORIA_GT_12 24226	32.98 1.30 0.00	29.07 1.25 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.77 0.00	26.91 1.59 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.21 1.82 0.00	38.93 2.31 0.00	48.36 2.35 0.00	59.13 2.44 0.00	60.75 2.17 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.51 0.00
ASTORIA_GT_13 24227	32.98 1.30 0.00	29.07 1.25 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.77 0.00	26.91 1.59 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.21 1.82 0.00	38.93 2.31 0.00	48.36 2.35 0.00	59.13 2.44 0.00	60.75 2.17 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.51 0.00
ASTORIA_GT_5 24106	33.21 1.52 -0.01	29.27 1.45 0.00	25.02 1.21 0.00	25.63 1.22 0.00	25.44 1.19 0.00	29.56 1.43 0.00	38.10 1.78 0.01	37.95 2.15 0.01	32.98 2.01 0.01	26.90 1.59 0.01	25.40 1.44 0.01	26.05 1.43 0.01	25.42 1.48 0.01	27.22 1.52 0.01	29.36 1.77 0.01	31.39 2.00 0.01	33.45 2.07 0.01	39.20 2.60 0.02	48.08 2.07 0.00	58.85 2.15 0.00	60.46 1.87 0.00	50.43 1.71 0.00	38.65 1.23 0.00	34.34 1.42 0.00
ASTORIA_GT_7 24107	33.21 1.52 -0.01	29.27 1.45 0.00	25.02 1.21 0.00	25.63 1.22 0.00	25.44 1.19 0.00	29.56 1.43 0.00	38.10 1.78 0.01	37.95 2.15 0.01	32.98 2.01 0.01	26.90 1.59 0.01	25.40 1.44 0.01	26.05 1.43 0.01	25.42 1.48 0.01	27.22 1.52 0.01	29.36 1.77 0.01	31.39 2.00 0.01	33.45 2.07 0.01	39.20 2.60 0.02	48.08 2.07 0.00	58.85 2.15 0.00	60.46 1.87 0.00	50.43 1.71 0.00	38.65 1.23 0.00	34.34 1.42 0.00
ASTORIA_GT_8 24108	33.21 1.52 -0.01	29.27 1.45 0.00	25.02 1.21 0.00	25.63 1.22 0.00	25.44 1.19 0.00	29.56 1.43 0.00	38.10 1.78 0.01	37.95 2.15 0.01	32.98 2.01 0.01	26.90 1.59 0.01	25.40 1.44 0.01	26.05 1.43 0.01	25.42 1.48 0.01	27.22 1.52 0.01	29.36 1.77 0.01	31.39 2.00 0.01	33.45 2.07 0.01	39.20 2.60 0.02	48.08 2.07 0.00	58.85 2.15 0.00	60.46 1.87 0.00	50.43 1.71 0.00	38.65 1.23 0.00	34.34 1.42 0.00
ASTORIA___2 24149	33.15 1.46 -0.01	29.25 1.42 -0.01	25.03 1.21 -0.01	25.62 1.20 -0.01	25.42 1.16 -0.01	29.54 1.41 -0.01	38.03 1.71 0.01	37.87 2.08 0.01	32.92 1.95 0.01	26.88 1.57 0.01	25.38 1.41 0.01	26.03 1.40 0.01	25.37 1.44 0.01	27.20 1.49 0.01	29.31 1.71 0.01	31.36 1.97 0.01	33.36 1.98 0.01	38.98 2.38 0.02	47.98 1.98 0.01	58.79 2.10 0.01	60.57 1.99 0.01	50.32 1.61 0.01	38.57 1.16 0.01	34.30 1.38 0.00
ASTORIA___3 23516	32.98 1.30 0.00	29.07 1.25 0.00	24.88 1.07 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.76 0.00	26.94 1.62 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.17 1.79 0.00	38.74 2.12 0.00	48.36 2.35 0.00	59.19 2.49 0.00	60.99 2.40 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.52 0.00
ASTORIA___4 23517	32.98 1.30 0.00	29.07 1.25 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.77 0.00	26.91 1.59 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.21 1.82 0.00	38.93 2.31 0.00	48.36 2.35 0.00	59.13 2.44 0.00	60.75 2.17 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.51 0.00
ASTORIA___5 23518	32.98 1.30 0.00	29.07 1.25 0.00	24.88 1.07 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.76 0.00	26.94 1.62 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.17 1.79 0.00	38.74 2.12 0.00	48.36 2.35 0.00	59.19 2.49 0.00	60.99 2.40 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.52 0.00
AST_ENERGY_2_CC3 323677	31.59 1.17 1.27	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.25 1.13 0.00	31.59 1.35 6.09	31.59 1.72 5.94	31.59 1.67 1.06	26.80 1.49 0.01	25.31 1.34 0.01	25.95 1.33 0.01	25.30 1.36 0.01	27.12 1.41 0.01	29.25 1.66 0.01	31.24 1.85 0.01	31.59 1.66 1.46	31.59 2.01 7.04	31.59 2.35 16.77	31.59 2.61 27.72	31.59 2.57 29.57	31.59 2.05 19.18	31.59 1.46 7.28	31.59 1.41 2.74
AST_ENERGY_2_CC4 323678	31.59 1.17 1.27	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.25 1.13 0.00	31.59 1.35 6.09	31.59 1.72 5.94	31.59 1.67 1.06	26.80 1.49 0.01	25.31 1.34 0.01	25.95 1.33 0.01	25.30 1.36 0.01	27.12 1.41 0.01	29.25 1.66 0.01	31.24 1.85 0.01	31.59 1.66 1.46	31.59 2.01 7.04	31.59 2.35 16.77	31.59 2.61 27.72	31.59 2.57 29.57	31.59 2.05 19.18	31.59 1.46 7.28	31.59 1.41 2.74

ATHENS_STG_1 23668	32.38 0.70 0.00	28.52 0.70 0.00	24.40 0.60 0.00	25.00 0.58 0.00	24.83 0.58 0.00	28.80 0.67 0.00	37.17 0.84 0.00	36.74 0.93 0.00	31.78 0.80 0.00	25.97 0.66 0.00	24.60 0.62 0.00	25.27 0.64 0.00	24.56 0.62 0.00	26.38 0.67 0.00	28.38 0.77 0.00	30.31 0.91 0.00	32.23 0.85 0.00	37.68 1.06 0.00	47.35 1.34 0.00	58.23 1.53 0.00	60.17 1.58 0.00	49.99 1.26 0.00	38.35 0.94 0.00	33.81 0.89 0.00
ATHENS_STG_2 23670	32.38 0.70 0.00	28.52 0.70 0.00	24.40 0.60 0.00	25.00 0.58 0.00	24.83 0.58 0.00	28.80 0.67 0.00	37.17 0.84 0.00	36.74 0.93 0.00	31.78 0.80 0.00	25.97 0.66 0.00	24.60 0.62 0.00	25.27 0.64 0.00	24.56 0.62 0.00	26.38 0.67 0.00	28.38 0.77 0.00	30.31 0.91 0.00	32.23 0.85 0.00	37.68 1.06 0.00	47.35 1.34 0.00	58.23 1.53 0.00	60.17 1.58 0.00	49.99 1.26 0.00	38.35 0.94 0.00	33.81 0.89 0.00
ATHENS_STG_3 23677	32.38 0.70 0.00	28.52 0.70 0.00	24.40 0.60 0.00	25.00 0.58 0.00	24.83 0.58 0.00	28.80 0.67 0.00	37.17 0.84 0.00	36.74 0.93 0.00	31.78 0.80 0.00	25.97 0.66 0.00	24.60 0.62 0.00	25.27 0.64 0.00	24.56 0.62 0.00	26.38 0.67 0.00	28.38 0.77 0.00	30.31 0.91 0.00	32.23 0.85 0.00	37.68 1.06 0.00	47.35 1.34 0.00	58.23 1.53 0.00	60.17 1.58 0.00	49.99 1.26 0.00	38.35 0.94 0.00	33.81 0.89 0.00
AUBURN___LFGE 323710	31.33 -0.35 0.00	27.46 -0.36 0.00	23.52 -0.29 0.00	24.12 -0.29 0.00	24.01 -0.24 0.00	27.88 -0.25 0.00	38.06 -0.15 -1.87	36.20 -0.39 -0.78	30.64 -0.34 -0.01	25.02 -0.30 0.00	23.69 -0.29 0.00	24.33 -0.30 0.00	23.66 -0.29 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	29.31 -0.41 -0.33	31.12 -0.28 -0.02	36.30 -0.33 -0.01	46.80 -0.28 -1.06	57.21 0.06 -0.46	59.20 0.12 -0.49	48.94 -0.10 -0.32	37.34 -0.11 -0.04	32.70 -0.23 -0.01
BABYLON_RES_REC 323704	35.08 2.18 -1.21	30.53 2.03 -0.68	27.33 1.76 -1.76	26.44 1.73 -0.29	28.12 1.72 -2.15	33.70 2.03 -3.54	42.48 2.62 -3.53	40.92 2.90 -2.22	33.11 2.14 0.00	27.19 1.87 0.00	25.96 1.97 -0.02	26.58 1.95 0.00	25.88 1.94 0.00	29.12 2.06 -1.35	38.36 2.32 -8.44	38.58 2.56 -6.63	34.28 2.45 -0.44	42.72 2.93 -3.17	56.21 3.68 -6.51	61.01 4.31 -0.01	63.50 4.34 -0.58	55.80 3.55 -3.52	48.34 2.73 -8.20	42.23 2.47 -6.84
BALL_HILL_WT_PWR 323825	28.26 -3.42 0.00	24.57 -3.26 0.00	21.19 -2.62 0.00	21.78 -2.64 0.00	21.76 -2.50 0.00	24.97 -3.15 0.01	25.27 -2.65 8.41	29.70 -2.58 3.53	28.81 -2.14 0.03	23.42 -1.87 0.02	22.20 -1.77 0.00	22.73 -1.90 0.00	22.15 -1.80 0.00	23.71 -2.01 0.00	25.41 -2.18 0.01	25.68 -2.24 1.48	29.09 -2.20 0.09	34.14 -2.45 0.03	37.33 -2.81 5.88	48.99 -3.29 4.42	49.32 -4.33 4.94	42.16 -3.51 3.05	34.27 -2.81 0.34	30.06 -2.83 0.03
BARON_WINDS___WT_PWR 323822	30.03 -1.65 0.00	26.24 -1.58 0.00	22.55 -1.26 0.00	23.19 -1.22 0.00	23.14 -1.12 0.00	26.68 -1.38 0.06	-1.38 -0.83 36.88	19.09 -1.25 15.46	29.62 -1.24 0.11	24.03 -1.21 0.07	22.78 -1.20 0.00	23.35 -1.28 0.00	22.70 -1.25 0.00	24.38 -1.34 0.00	26.06 -1.49 0.06	21.39 -1.53 6.47	29.48 -1.47 0.43	34.98 -1.50 0.14	23.00 -1.34 21.67	45.23 -0.85 10.62	45.74 -1.29 11.56	40.34 -1.03 7.35	35.65 -0.93 0.83	31.65 -1.15 0.11
BARRETT_IC_1 23704	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_10 23701	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_11 23702	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_12 23703	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_2 23705	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_3 23706	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_4 23707	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_5 23708	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84

BARRETT_IC_6 23709	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_7 23710	34.54 1.65 -1.21	30.09 1.59 -0.68	26.91 1.33 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.58 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.83 1.52 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.71 1.65 -1.35	37.95 1.90 -8.44	38.14 2.12 -6.63	33.84 2.01 -0.44	42.32 2.53 -3.17	55.33 2.81 -6.51	59.99 3.29 0.00	62.21 3.05 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_8 23711	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT_IC_9 23700	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT___1 23545	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BARRETT___2 23546	34.54 1.65 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.21 1.58 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.28 2.76 -6.51	59.94 3.23 -0.01	62.39 3.22 -0.58	54.83 2.58 -3.52	47.67 2.06 -8.20	41.70 1.94 -6.84
BATAVIA__115KV_TB1 55881	28.83 -2.85 0.00	24.96 -2.87 0.00	21.62 -2.19 0.00	22.12 -2.29 0.00	22.07 -2.18 0.00	25.42 -2.70 0.01	28.81 -2.72 4.79	31.07 -2.72 2.01	28.48 -2.48 0.02	23.58 -1.72 0.01	22.29 -1.68 0.00	22.93 -1.70 0.00	22.24 -1.70 0.00	23.91 -1.80 0.00	25.64 -1.96 0.01	26.22 -2.32 0.85	28.78 -2.54 0.06	33.97 -2.64 0.02	39.14 -2.94 3.93	49.69 -3.23 3.78	50.90 -3.46 4.23	42.56 -3.56 2.61	34.44 -2.69 0.28	30.34 -2.57 0.02
BAYONEEC___CTG1 323682	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYONEEC___CTG10 323750	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYONEEC___CTG2 323683	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYONEEC___CTG3 323684	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYONEEC___CTG4 323685	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYONEEC___CTG5 323686	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYONEEC___CTG6 323687	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYONEEC___CTG7 323688	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00

BAYONEEC___CTG8 323689	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYONEEC___CTG9 323749	32.86 1.17 0.00	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.35 1.41 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.30 1.91 0.00	33.11 1.73 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.28 2.70 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
BAYPORT_69_KV_BK 2 356364	35.68 2.79 -1.21	31.06 2.56 -0.68	27.74 2.17 -1.76	26.90 2.20 -0.29	28.58 2.18 -2.15	34.23 2.56 -3.54	43.17 3.31 -3.53	41.64 3.62 -2.22	33.61 2.63 0.00	27.59 2.28 0.00	26.39 2.40 -0.02	27.02 2.39 0.00	26.29 2.35 0.00	29.61 2.55 -1.35	38.88 2.84 -8.44	39.11 3.09 -6.63	34.81 2.98 -0.44	43.45 3.66 -3.17	57.08 4.56 -6.51	61.97 5.27 0.00	64.32 5.16 -0.58	56.78 4.53 -3.52	49.05 3.44 -8.20	42.85 3.09 -6.84
BEACON___LESR 323632	32.54 0.86 0.00	28.68 0.86 0.00	24.55 0.74 0.00	25.14 0.73 0.00	24.96 0.70 0.00	28.94 0.82 0.00	37.10 0.76 0.00	36.41 0.61 0.00	31.41 0.43 0.00	25.54 0.23 0.00	24.24 0.26 0.00	24.95 0.32 0.00	24.23 0.29 0.00	26.05 0.33 0.00	27.96 0.36 0.00	29.95 0.56 0.00	31.92 0.53 0.00	37.39 0.77 0.00	46.93 0.92 0.00	57.89 1.19 0.00	59.94 1.35 0.00	49.79 1.07 0.00	38.35 0.94 0.00	34.00 1.08 0.00
BEAVER RIVER___HYD 24048	31.81 0.13 0.00	27.79 -0.03 0.00	23.71 -0.09 0.00	24.41 0.00 0.00	24.25 0.00 0.00	28.13 0.00 0.00	36.48 0.15 0.00	35.66 -0.14 0.00	30.54 -0.43 0.00	24.83 -0.48 0.00	23.45 -0.53 0.00	24.04 -0.59 0.00	23.32 -0.62 0.00	25.05 -0.67 0.00	26.86 -0.74 0.00	28.34 -1.06 0.00	30.29 -1.10 0.00	35.30 -1.32 0.00	45.04 -0.97 0.00	56.36 -0.34 0.00	58.94 0.35 0.00	48.82 0.10 0.00	37.52 0.11 0.00	33.05 0.13 0.00
BEEBEE_GT_13 23619	29.88 -1.81 0.00	25.99 -1.84 0.00	22.40 -1.40 0.00	22.95 -1.46 0.00	22.85 -1.41 0.00	26.41 -1.72 0.00	32.81 -2.22 1.31	33.00 -2.26 0.55	29.24 -1.73 0.00	24.30 -1.01 0.00	23.02 -0.96 0.00	23.67 -0.96 0.00	22.94 -1.01 0.00	24.69 -1.03 0.00	26.50 -1.10 0.00	27.40 -1.76 0.23	29.68 -1.69 0.02	34.89 -1.72 0.00	41.70 -2.30 2.01	51.20 -2.44 3.06	52.59 -2.52 3.48	43.94 -2.68 2.10	35.35 -1.83 0.23	31.20 -1.71 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.30 1.62 0.00	29.32 1.50 0.00	25.02 1.21 0.00	25.63 1.22 0.00	25.44 1.19 0.00	29.51 1.38 0.00	37.89 1.56 0.00	37.74 1.93 0.00	32.80 1.83 0.00	27.01 1.70 0.00	25.48 1.51 0.00	26.18 1.55 0.00	25.52 1.58 0.00	27.39 1.67 -0.01	29.52 1.90 -0.01	31.55 2.15 -0.01	33.43 2.04 0.00	39.22 2.60 0.00	48.77 2.76 0.00	59.70 3.00 0.00	61.34 2.75 0.00	51.21 2.48 0.00	39.25 1.83 0.00	34.76 1.84 0.00
BETHLEHEM___GRP 23843	32.22 0.54 0.00	28.41 0.58 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.49 0.00	28.66 0.53 0.00	36.70 0.36 0.00	36.02 0.21 0.00	31.10 0.12 0.00	25.32 0.00 0.00	24.02 0.05 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.63 0.24 0.00	31.57 0.19 0.00	36.99 0.37 0.00	46.29 0.28 0.00	56.92 0.23 0.00	58.82 0.23 0.00	49.01 0.29 0.00	37.82 0.41 0.00	33.64 0.72 0.00
BETHLEHEM___GS1 323560	32.22 0.54 0.00	28.41 0.59 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.48 0.00	28.66 0.53 0.00	36.70 0.36 0.00	36.02 0.22 0.00	31.10 0.12 0.00	25.32 0.00 0.00	24.02 0.05 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.63 0.23 0.00	31.57 0.19 0.00	36.91 0.29 0.00	46.29 0.28 0.00	56.98 0.28 0.00	59.00 0.41 0.00	49.02 0.29 0.00	37.82 0.41 0.00	33.64 0.72 0.00
BETHLEHEM___GS2 323561	32.22 0.54 0.00	28.41 0.59 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.48 0.00	28.66 0.53 0.00	36.70 0.36 0.00	36.02 0.22 0.00	31.10 0.12 0.00	25.32 0.00 0.00	24.02 0.05 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.63 0.23 0.00	31.57 0.19 0.00	36.91 0.29 0.00	46.29 0.28 0.00	56.98 0.28 0.00	59.00 0.41 0.00	49.02 0.29 0.00	37.82 0.41 0.00	33.64 0.72 0.00
BETHLEHEM___GS3 323562	32.22 0.54 0.00	28.41 0.59 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.48 0.00	28.66 0.53 0.00	36.70 0.36 0.00	36.02 0.22 0.00	31.10 0.12 0.00	25.32 0.00 0.00	24.02 0.05 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.63 0.23 0.00	31.57 0.19 0.00	36.91 0.29 0.00	46.29 0.28 0.00	56.98 0.28 0.00	59.00 0.41 0.00	49.02 0.29 0.00	37.82 0.41 0.00	33.64 0.72 0.00
BETHLEHEM___STEEL 23779	28.17 -3.52 0.00	24.46 -3.37 0.00	21.21 -2.60 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.26 -2.87 8.20	29.53 -2.83 3.44	28.60 -2.35 0.03	23.27 -2.03 0.02	22.05 -1.92 0.00	22.63 -2.00 0.00	22.03 -1.92 0.00	23.60 -2.11 0.00	25.30 -2.29 0.01	25.57 -2.38 1.45	28.91 -2.39 0.09	33.92 -2.67 0.03	37.15 -3.08 5.78	48.73 -3.57 4.40	49.92 -3.75 4.92	41.98 -3.70 3.04	34.05 -3.03 0.34	29.93 -2.96 0.03
BETHLHEM_115KV_TB1 79974	32.22 0.54 0.00	28.41 0.58 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.49 0.00	28.66 0.53 0.00	36.77 0.44 0.00	36.13 0.32 0.00	31.19 0.22 0.00	25.39 0.08 0.00	24.09 0.12 0.00	24.78 0.15 0.00	24.09 0.14 0.00	25.90 0.18 0.00	27.80 0.19 0.00	29.72 0.32 0.00	31.67 0.28 0.00	37.06 0.44 0.00	46.43 0.41 0.00	57.09 0.40 0.00	59.00 0.41 0.00	49.16 0.44 0.00	37.90 0.49 0.00	33.64 0.72 0.00
BETHPAGE_CC_5 323564	34.95 2.06 -1.21	30.42 1.92 -0.68	27.24 1.67 -1.76	26.34 1.64 -0.29	28.03 1.63 -2.15	33.58 1.91 -3.54	42.33 2.47 -3.53	40.78 2.76 -2.22	33.05 2.08 0.00	27.16 1.85 0.00	25.88 1.89 -0.02	26.53 1.90 0.00	25.83 1.89 0.00	29.07 2.01 -1.35	38.31 2.26 -8.44	38.55 2.53 -6.63	34.25 2.42 -0.44	42.61 2.82 -3.17	56.02 3.50 -6.51	60.84 4.14 -0.01	63.27 4.10 -0.58	55.56 3.31 -3.52	48.15 2.55 -8.20	42.06 2.30 -6.84
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.17 -3.52 0.00	24.46 -3.37 0.00	21.19 -2.62 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.70 -2.62 8.02	29.86 -2.58 3.37	28.78 -2.17 0.03	23.30 -2.00 0.02	22.08 -1.89 0.00	22.63 -2.00 0.00	22.05 -1.89 0.00	23.66 -2.06 0.00	25.33 -2.26 0.01	25.80 -2.18 1.42	29.14 -2.17 0.08	34.10 -2.49 0.03	37.63 -2.71 5.66	49.25 -3.12 4.33	50.40 -3.34 4.85	42.37 -3.36 2.99	34.20 -2.88 0.33	30.00 -2.90 0.03

BINGHAMTON___COGEN 23790	31.11 -0.57 0.00	27.26 -0.56 0.00	23.40 -0.40 0.00	23.97 -0.44 0.00	23.86 -0.39 0.00	27.62 -0.51 0.00	37.23 -0.22 -1.11	35.99 -0.29 -0.47	30.73 -0.25 0.00	24.99 -0.33 0.00	23.64 -0.34 0.00	24.26 -0.37 0.00	23.61 -0.34 0.00	25.35 -0.36 0.00	27.25 -0.36 0.00	29.30 -0.29 -0.20	31.15 -0.25 -0.01	36.33 -0.29 0.00	46.14 -0.23 -0.36	56.37 0.00 0.33	58.08 -0.12 0.39	48.25 -0.24 0.22	37.09 -0.30 0.02	32.53 -0.40 0.00
BIXINCNT_115KV_LOAD 355685	28.04 -3.64 0.00	24.34 -3.48 0.00	21.14 -2.67 0.00	21.68 -2.73 0.00	21.66 -2.60 0.00	24.91 -3.21 0.01	27.15 -1.89 7.30	30.92 -1.83 3.06	29.44 -1.52 0.02	23.45 -1.85 0.02	22.20 -1.77 0.00	22.73 -1.90 0.00	22.15 -1.80 0.00	23.71 -2.01 0.00	25.41 -2.18 0.01	26.40 -1.70 1.29	29.68 -1.63 0.07	34.58 -2.01 0.03	39.02 -1.79 5.20	50.66 -1.98 4.05	51.76 -2.28 4.54	43.44 -2.48 2.80	34.48 -2.62 0.31	30.00 -2.90 0.02
BLACK RIVER___HYD 24047	32.06 0.38 0.00	27.96 0.14 0.00	23.86 0.05 0.00	24.58 0.17 0.00	24.47 0.22 0.00	28.35 0.22 0.00	36.84 0.51 0.00	35.91 0.11 0.00	30.70 -0.28 0.00	24.86 -0.45 0.00	23.45 -0.53 0.00	24.09 -0.54 0.00	23.44 -0.50 0.00	25.25 -0.46 0.00	27.08 -0.53 0.00	28.63 -0.76 0.00	30.57 -0.82 0.00	35.67 -0.95 0.00	45.64 -0.37 0.00	57.32 0.62 0.00	60.05 1.47 0.00	49.65 0.92 0.00	38.01 0.60 0.00	33.41 0.49 0.00
BLACKRVR_115KV_TB2 79977	32.06 0.38 0.00	27.96 0.14 0.00	23.88 0.07 0.00	24.58 0.17 0.00	24.47 0.22 0.00	28.35 0.23 0.00	36.84 0.51 0.00	35.91 0.11 0.00	30.70 -0.28 0.00	24.86 -0.46 0.00	23.45 -0.53 0.00	24.09 -0.54 0.00	23.44 -0.50 0.00	25.25 -0.46 0.00	27.08 -0.52 0.00	28.63 -0.76 0.00	30.57 -0.82 0.00	35.63 -0.99 0.00	45.64 -0.37 0.00	57.32 0.62 0.00	60.17 1.58 0.00	49.65 0.93 0.00	38.01 0.60 0.00	33.41 0.49 0.00
BLISS_WT_PWR 323608	27.98 -3.71 0.00	24.29 -3.53 0.00	21.00 -2.81 0.00	21.65 -2.76 0.00	21.66 -2.59 0.00	24.91 -3.21 0.01	27.15 -1.89 7.30	30.92 -1.82 3.06	29.44 -1.52 0.02	23.48 -1.82 0.02	22.20 -1.77 0.00	22.68 -1.95 0.00	22.15 -1.80 0.00	23.71 -2.01 0.00	25.38 -2.21 0.01	26.37 -1.73 1.29	29.62 -1.70 0.07	34.58 -2.01 0.03	39.02 -1.80 5.20	50.61 -2.04 4.05	51.00 -3.05 4.54	43.15 -2.78 2.80	34.37 -2.73 0.31	29.84 -3.06 0.02
BLUESTONE___WT_PWR 323821	32.38 0.70 0.00	28.38 0.56 0.00	24.28 0.48 0.00	24.93 0.51 0.00	24.79 0.53 0.00	28.75 0.62 0.00	38.38 1.05 -0.99	37.12 0.90 -0.42	31.57 0.59 0.00	25.62 0.30 0.00	24.17 0.19 0.00	24.80 0.17 0.00	24.16 0.22 0.00	25.95 0.23 0.00	27.85 0.25 0.00	29.83 0.26 -0.17	31.68 0.28 -0.01	36.99 0.37 0.00	47.31 0.92 -0.38	58.07 1.53 0.16	60.03 1.64 0.20	49.83 1.22 0.11	38.22 0.82 0.01	33.58 0.66 0.00
BLUE_CIRC_CHEM_DRP 24182	32.44 0.76 0.00	28.57 0.75 0.00	24.45 0.64 0.00	25.07 0.66 0.00	24.88 0.63 0.00	28.83 0.70 0.00	37.06 0.73 0.00	36.38 0.57 0.00	31.35 0.37 0.00	25.52 0.20 0.00	24.17 0.19 0.00	24.85 0.22 0.00	24.16 0.22 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.81 0.41 0.00	31.79 0.41 0.00	37.24 0.62 0.00	46.89 0.87 0.00	57.83 1.13 0.00	59.76 1.17 0.00	49.79 1.07 0.00	38.27 0.86 0.00	33.84 0.92 0.00
BOC_GAS_DRP 24189	32.22 0.54 0.00	28.38 0.56 0.00	24.26 0.45 0.00	24.88 0.46 0.00	24.71 0.46 0.00	28.66 0.53 0.00	36.88 0.54 0.00	36.38 0.57 0.00	31.44 0.46 0.00	25.67 0.35 0.00	24.33 0.36 0.00	25.00 0.37 0.00	24.30 0.36 0.00	26.10 0.39 0.00	28.05 0.44 0.00	29.95 0.56 0.00	31.92 0.53 0.00	37.32 0.70 0.00	46.84 0.83 0.00	57.60 0.91 0.00	59.47 0.88 0.00	49.55 0.83 0.00	38.05 0.64 0.00	33.58 0.66 0.00
BOONVILLE_115KV_TB1 79983	32.06 0.38 0.00	28.07 0.25 0.00	24.00 0.19 0.00	24.66 0.24 0.00	24.50 0.24 0.00	28.41 0.28 0.00	36.80 0.47 0.00	36.09 0.29 0.00	31.04 0.06 0.00	25.26 -0.05 0.00	23.88 -0.10 0.00	24.51 -0.12 0.00	23.85 -0.10 0.00	25.64 -0.08 0.00	27.52 -0.08 0.00	29.16 -0.24 0.00	31.17 -0.22 0.00	36.33 -0.29 0.00	46.10 0.09 0.00	57.32 0.62 0.00	59.64 1.05 0.00	49.40 0.68 0.00	37.94 0.52 0.00	33.38 0.46 0.00
BORALEX_4TH_BRANCH 23824	33.11 1.43 0.00	29.13 1.31 0.00	24.90 1.10 0.00	25.54 1.12 0.00	25.37 1.12 0.00	29.45 1.32 0.00	38.00 1.67 0.00	37.42 1.61 0.00	32.25 1.27 0.00	26.15 0.84 0.00	24.91 0.94 0.00	25.66 1.03 0.00	24.88 0.93 0.00	26.82 1.11 0.00	28.79 1.19 0.00	30.81 1.41 0.00	32.83 1.44 0.00	38.41 1.79 0.00	48.31 2.30 0.00	59.13 2.44 0.00	61.16 2.58 0.00	51.11 2.39 0.00	39.25 1.83 0.00	34.60 1.68 0.00
BOWLINE___1 23526	32.67 0.98 0.00	28.79 0.97 0.00	24.66 0.86 0.00	25.24 0.83 0.00	25.05 0.80 0.00	29.08 0.96 0.00	37.53 1.20 0.00	37.31 1.50 0.00	32.34 1.36 0.00	26.53 1.22 0.00	25.08 1.10 0.00	25.74 1.11 0.00	25.07 1.13 0.00	26.87 1.16 0.00	28.96 1.35 0.00	30.92 1.53 0.00	32.76 1.38 0.00	38.31 1.69 0.00	48.08 2.07 0.00	59.13 2.44 0.00	60.99 2.40 0.00	50.57 1.85 0.00	38.72 1.31 0.00	34.17 1.25 0.00
BOWLINE___2 23595	32.67 0.98 0.00	28.79 0.97 0.00	24.66 0.86 0.00	25.24 0.83 0.00	25.05 0.80 0.00	29.08 0.96 0.00	37.53 1.20 0.00	37.31 1.50 0.00	32.34 1.36 0.00	26.53 1.22 0.00	25.08 1.10 0.00	25.74 1.11 0.00	25.07 1.13 0.00	26.87 1.16 0.00	28.96 1.35 0.00	30.92 1.53 0.00	32.76 1.38 0.00	38.31 1.69 0.00	48.13 2.12 0.00	59.13 2.44 0.00	60.99 2.40 0.00	50.57 1.85 0.00	38.72 1.31 0.00	34.17 1.25 0.00
BRADY___115KV_TB2 356060	32.13 0.44 0.00	28.13 0.31 0.00	23.98 0.17 0.00	24.63 0.22 0.00	24.45 0.19 0.00	28.35 0.23 0.00	36.62 0.29 0.00	35.95 0.14 0.00	31.04 0.06 0.00	25.32 0.00 0.00	23.95 -0.02 0.00	24.63 0.00 0.00	23.87 -0.07 0.00	25.59 -0.13 0.00	27.47 -0.14 0.00	29.22 -0.18 0.00	31.20 -0.19 0.00	36.33 -0.29 0.00	45.97 -0.05 0.00	56.70 0.00 0.00	58.94 0.35 0.00	49.11 0.39 0.00	37.67 0.26 0.00	33.22 0.30 0.00
BRANSCOMB___SOLAR 323811	32.89 1.20 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.39 0.98 0.00	25.22 0.97 0.00	29.28 1.15 0.00	37.75 1.42 0.00	36.92 1.11 0.00	31.75 0.77 0.00	25.75 0.43 0.00	24.38 0.41 0.00	25.07 0.44 0.00	24.35 0.41 0.00	26.20 0.49 0.00	28.13 0.52 0.00	30.19 0.79 0.00	32.20 0.81 0.00	37.76 1.14 0.00	47.72 1.70 0.00	58.97 2.27 0.00	61.23 2.64 0.00	50.92 2.19 0.00	39.02 1.61 0.00	34.40 1.48 0.00
BRDGHMPT_69_KV_BK1 55812	36.06 3.17 -1.21	31.39 2.89 -0.68	28.07 2.50 -1.76	27.27 2.56 -0.29	28.92 2.52 -2.15	34.54 2.87 -3.54	43.64 3.78 -3.53	42.11 4.08 -2.22	33.92 2.94 0.00	27.82 2.51 0.00	26.60 2.61 -0.02	27.17 2.54 0.00	26.41 2.47 0.00	29.72 2.65 -1.35	39.00 2.95 -8.44	39.11 3.09 -6.63	34.68 2.86 -0.44	43.38 3.59 -3.17	57.22 4.69 -6.51	62.08 5.39 0.00	64.38 5.21 -0.58	57.12 4.87 -3.52	49.16 3.55 -8.20	42.99 3.23 -6.84



BRENTWOD_69_KV_W. BRTWOOD 56703	35.33 2.44 -1.21	30.75 2.25 -0.68	27.50 1.93 -1.76	26.66 1.95 -0.29	28.34 1.94 -2.15	33.95 2.28 -3.54	42.80 2.94 -3.53	41.25 3.22 -2.22	33.33 2.35 0.00	27.37 2.05 0.00	26.15 2.16 -0.02	26.77 2.14 0.00	26.07 2.13 0.00	29.33 2.26 -1.35	38.58 2.54 -8.44	38.82 2.79 -6.63	34.53 2.70 -0.44	43.12 3.33 -3.17	56.53 4.00 -6.51	61.40 4.71 0.00	63.74 4.57 -0.58	56.19 3.95 -3.52	48.64 3.03 -8.20	42.49 2.73 -6.84
BRISTLHL_115KV_TB1 79998	30.80 -0.89 0.00	27.01 -0.81 0.00	23.14 -0.67 0.00	23.73 -0.68 0.00	23.60 -0.65 0.00	27.40 -0.73 0.00	35.39 -0.94 0.00	34.77 -1.04 0.00	30.11 -0.87 0.00	24.63 -0.68 0.00	23.33 -0.65 0.00	23.94 -0.69 0.00	23.27 -0.67 0.00	25.05 -0.67 0.00	26.86 -0.75 0.00	28.54 -0.85 0.00	30.54 -0.85 0.00	35.52 -1.10 0.00	45.43 -1.43 -0.84	57.00 -1.53 -1.84	59.11 -1.58 -2.10	48.57 -1.41 -1.26	36.46 -1.08 -0.13	31.90 -1.02 0.00
BROOKHAVEN___DRP 24191	35.46 2.57 -1.21	30.84 2.34 -0.68	27.57 2.00 -1.76	26.73 2.03 -0.29	28.41 2.01 -2.15	34.03 2.36 -3.54	42.91 3.05 -3.53	41.35 3.33 -2.22	33.36 2.39 0.00	27.39 2.08 0.00	26.17 2.18 -0.02	26.80 2.17 0.00	26.07 2.13 0.00	29.36 2.29 -1.35	38.61 2.57 -8.44	38.76 2.73 -6.63	34.37 2.54 -0.44	42.94 3.15 -3.17	56.39 3.87 -6.51	61.01 4.31 0.00	63.33 4.16 -0.58	56.24 4.00 -3.52	48.64 3.03 -8.20	42.56 2.80 -6.84
BROOKLYN_NAVY_YARD 23515	32.82 1.14 0.00	28.96 1.14 0.00	24.79 0.98 0.00	25.34 0.93 0.00	25.15 0.90 0.00	29.22 1.10 0.00	37.60 1.27 0.00	37.49 1.68 0.00	32.59 1.61 0.00	26.83 1.52 0.00	25.29 1.32 0.00	25.93 1.30 0.00	25.28 1.34 0.00	27.10 1.39 0.00	29.23 1.63 0.00	31.22 1.82 0.00	32.98 1.60 0.00	38.54 1.94 0.02	48.31 2.30 0.00	59.25 2.55 0.00	61.10 2.52 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.33 1.41 0.00
BROOKLYN___ARMY_DRP 323595	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 1.74 0.00
BROOME_2_LFGE 323671	31.11 -0.57 0.00	27.27 -0.56 0.00	23.38 -0.43 0.00	23.97 -0.44 0.00	23.86 -0.39 0.00	27.62 -0.51 0.00	37.23 -0.22 -1.11	35.99 -0.29 -0.47	30.73 -0.25 0.00	24.99 -0.33 0.00	23.64 -0.34 0.00	24.26 -0.37 0.00	23.61 -0.34 0.00	25.35 -0.36 0.00	27.25 -0.36 0.00	29.30 -0.29 -0.20	31.15 -0.25 -0.01	36.33 -0.29 0.00	46.14 -0.23 -0.36	56.31 -0.06 0.33	57.90 -0.29 0.39	48.21 -0.29 0.22	37.05 -0.34 0.02	32.49 -0.43 0.00
BROOME___LFGE 323600	31.11 -0.57 0.00	27.27 -0.56 0.00	23.38 -0.43 0.00	23.97 -0.44 0.00	23.86 -0.39 0.00	27.62 -0.51 0.00	37.23 -0.22 -1.11	35.99 -0.29 -0.47	30.73 -0.25 0.00	24.99 -0.33 0.00	23.64 -0.34 0.00	24.26 -0.37 0.00	23.61 -0.34 0.00	25.35 -0.36 0.00	27.25 -0.36 0.00	29.30 -0.29 -0.20	31.15 -0.25 -0.01	36.33 -0.29 0.00	46.14 -0.23 -0.36	56.31 -0.06 0.33	57.90 -0.29 0.39	48.21 -0.29 0.22	37.05 -0.34 0.02	32.49 -0.43 0.00
BROWNFLS_115KV_TB 3_5 80003	31.65 -0.03 0.00	27.65 -0.17 0.00	23.59 -0.21 0.00	24.27 -0.15 0.00	24.11 -0.15 0.00	27.96 -0.17 0.00	36.19 -0.15 0.00	35.45 -0.36 0.00	30.48 -0.50 0.00	24.81 -0.51 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.30 -0.65 0.00	24.97 -0.75 0.00	26.78 -0.83 0.00	28.28 -1.12 0.00	30.16 -1.22 0.00	35.12 -1.50 0.00	44.68 -1.33 0.00	55.56 -1.13 0.00	58.18 -0.41 0.00	48.28 -0.44 0.00	37.11 -0.30 0.00	32.76 -0.16 0.00
BROWNSV1_27_KV_LOAD 356125	33.08 1.39 0.00	29.16 1.34 0.00	24.93 1.12 0.00	25.54 1.12 0.00	25.34 1.09 0.00	29.45 1.32 0.00	37.97 1.63 0.00	37.85 2.04 0.00	32.90 1.92 0.00	27.04 1.72 0.00	25.53 1.56 0.00	26.18 1.55 0.00	25.52 1.58 0.00	27.34 1.62 0.00	29.51 1.90 0.00	31.51 2.12 0.00	33.36 1.98 0.00	39.15 2.53 0.00	48.82 2.81 0.00	59.87 3.18 0.00	61.57 2.99 0.00	51.21 2.48 0.00	39.21 1.80 0.00	34.63 1.71 0.00
BURROWS___LYONSDAL 23803	32.00 0.32 0.00	27.99 0.17 0.00	23.93 0.12 0.00	24.58 0.17 0.00	24.45 0.19 0.00	28.32 0.20 0.00	36.73 0.40 0.00	35.99 0.18 0.00	30.91 -0.06 0.00	25.14 -0.18 0.00	23.78 -0.19 0.00	24.38 -0.25 0.00	23.70 -0.24 0.00	25.48 -0.23 0.00	27.33 -0.28 0.00	28.92 -0.47 0.00	30.91 -0.47 0.00	36.03 -0.59 0.00	45.78 -0.23 0.00	57.04 0.34 0.00	59.47 0.88 0.00	49.26 0.54 0.00	37.79 0.37 0.00	33.28 0.36 0.00
CAITHNESS_CC_1 323624	35.37 2.47 -1.21	30.75 2.25 -0.68	27.55 1.98 -1.76	26.66 1.95 -0.29	28.34 1.94 -2.15	33.95 2.28 -3.54	42.80 2.94 -3.53	41.25 3.22 -2.22	33.27 2.29 0.00	27.34 2.03 0.00	26.12 2.13 -0.02	26.72 2.09 0.00	26.02 2.08 0.00	29.30 2.24 -1.35	38.55 2.51 -8.44	38.70 2.67 -6.63	34.34 2.51 -0.44	42.75 2.96 -3.17	56.25 3.73 -6.51	60.84 4.14 -0.01	63.33 4.16 -0.58	56.05 3.80 -3.52	48.53 2.92 -8.20	42.46 2.70 -6.84
CALPINE BETH_PAGE_GT4 24209	34.92 2.03 -1.21	30.39 1.89 -0.68	27.17 1.60 -1.76	26.34 1.64 -0.29	28.00 1.60 -2.15	33.55 1.88 -3.54	42.29 2.43 -3.53	40.75 2.72 -2.22	33.02 2.04 0.00	27.11 1.80 0.00	25.88 1.89 -0.02	26.50 1.87 0.00	25.81 1.87 0.00	29.05 1.98 -1.35	38.28 2.24 -8.44	38.52 2.50 -6.63	34.24 2.42 -0.44	42.68 2.89 -3.17	55.93 3.40 -6.51	60.72 4.03 0.00	63.03 3.87 -0.58	55.46 3.22 -3.52	48.04 2.43 -8.20	42.00 2.24 -6.84
CALPINE_BETH_PAGE_GT_4 323586	34.92 2.03 -1.21	30.39 1.89 -0.68	27.21 1.64 -1.76	26.34 1.64 -0.29	28.00 1.60 -2.15	33.55 1.88 -3.54	42.29 2.43 -3.53	40.74 2.72 -2.22	33.02 2.04 0.00	27.14 1.82 0.00	25.88 1.89 -0.02	26.53 1.90 0.00	25.81 1.87 0.00	29.07 2.01 -1.35	38.28 2.23 -8.44	38.52 2.50 -6.63	34.21 2.38 -0.44	42.54 2.75 -3.17	55.93 3.40 -6.51	60.67 3.97 -0.01	63.15 3.99 -0.58	55.46 3.21 -3.52	48.04 2.43 -8.20	42.00 2.24 -6.84
CALPINE_BP_GT1 23823	34.92 2.03 -1.21	30.39 1.89 -0.68	27.21 1.64 -1.76	26.34 1.64 -0.29	28.00 1.60 -2.15	33.55 1.88 -3.54	42.29 2.43 -3.53	40.74 2.72 -2.22	33.02 2.04 0.00	27.14 1.82 0.00	25.88 1.89 -0.02	26.53 1.90 0.00	25.81 1.87 0.00	29.07 2.01 -1.35	38.28 2.23 -8.44	38.52 2.50 -6.63	34.21 2.38 -0.44	42.54 2.75 -3.17	55.93 3.40 -6.51	60.67 3.97 -0.01	63.15 3.99 -0.58	55.46 3.21 -3.52	48.04 2.43 -8.20	42.00 2.24 -6.84
CALSPAN___DRP 24200	28.17 -3.52 0.00	24.46 -3.37 0.00	21.21 -2.60 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.26 -2.87 8.20	29.53 -2.83 3.44	28.60 -2.35 0.03	23.27 -2.03 0.02	22.05 -1.92 0.00	22.63 -2.00 0.00	22.03 -1.92 0.00	23.60 -2.11 0.00	25.30 -2.29 0.01	25.57 -2.38 1.45	28.91 -2.39 0.09	33.92 -2.67 0.03	37.15 -3.08 5.78	48.73 -3.57 4.40	49.92 -3.75 4.92	41.98 -3.70 3.04	34.05 -3.03 0.34	29.93 -2.96 0.03

CALVERTON___SOLAR 323806	35.56 2.66 -1.21	30.95 2.45 -0.68	27.69 2.12 -1.76	26.83 2.12 -0.29	28.49 2.09 -2.15	34.12 2.45 -3.54	43.02 3.16 -3.53	41.46 3.44 -2.22	33.46 2.48 0.00	27.47 2.15 0.00	26.24 2.25 -0.02	26.85 2.22 0.00	26.12 2.18 0.00	29.43 2.36 -1.35	38.69 2.65 -8.44	38.82 2.79 -6.63	34.40 2.57 -0.44	42.90 3.11 -3.17	56.52 4.00 -6.51	61.13 4.43 -0.01	63.62 4.45 -0.58	56.44 4.19 -3.52	48.75 3.14 -8.20	42.66 2.90 -6.84
CANDIGU_WT_PWR 323617	30.03 -1.65 0.00	26.24 -1.58 0.00	22.55 -1.26 0.00	23.19 -1.22 0.00	23.14 -1.12 0.00	26.68 -1.38 0.06	-1.38 -0.83 36.88	19.09 -1.25 15.46	29.62 -1.24 0.11	24.03 -1.21 0.07	22.78 -1.20 0.00	23.35 -1.28 0.00	22.70 -1.25 0.00	24.38 -1.34 0.00	26.06 -1.49 0.06	21.39 -1.53 6.47	29.48 -1.47 0.43	34.98 -1.50 0.14	23.00 -1.34 21.67	45.23 -0.85 10.62	45.74 -1.29 11.56	40.34 -1.03 7.35	35.65 -0.93 0.83	31.65 -1.15 0.11
CARR STREET_E_SYR 24060	31.05 -0.63 0.00	27.24 -0.59 0.00	23.33 -0.48 0.00	23.92 -0.49 0.00	23.79 -0.46 0.00	27.59 -0.54 0.00	35.71 -0.62 0.00	35.13 -0.68 0.00	30.42 -0.56 0.00	24.88 -0.43 0.00	23.57 -0.41 0.00	24.19 -0.44 0.00	23.54 -0.41 0.00	25.30 -0.41 0.00	27.16 -0.44 0.00	28.84 -0.56 0.00	30.88 -0.50 0.00	36.00 -0.62 0.00	44.65 -0.88 0.49	54.72 -0.91 1.06	56.31 -1.05 1.22	47.11 -0.88 0.73	36.66 -0.67 0.08	32.26 -0.66 0.00
CARTHAGE___PAPER 23857	32.00 0.32 0.00	27.91 0.08 0.00	23.81 0.00 0.00	24.51 0.10 0.00	24.37 0.12 0.00	28.27 0.14 0.00	36.70 0.36 0.00	35.81 0.00 0.00	30.70 -0.28 0.00	24.83 -0.48 0.00	23.42 -0.55 0.00	24.06 -0.57 0.00	23.42 -0.53 0.00	25.23 -0.49 0.00	27.02 -0.58 0.00	28.60 -0.79 0.00	30.41 -0.97 0.00	35.48 -1.14 0.00	45.37 -0.64 0.00	56.87 0.17 0.00	59.52 0.93 0.00	49.26 0.54 0.00	37.79 0.37 0.00	33.25 0.33 0.00
CASSADAGA_WT_PWR 323784	28.16 -3.52 0.00	24.48 -3.34 0.00	21.19 -2.62 0.00	21.78 -2.64 0.00	21.78 -2.47 0.00	25.05 -3.07 0.01	26.56 -2.07 7.71	30.64 -1.93 3.24	29.43 -1.52 0.02	23.80 -1.49 0.02	22.54 -1.44 0.00	23.03 -1.60 0.00	22.43 -1.51 0.00	23.99 -1.72 0.00	25.63 -1.96 0.01	26.21 -1.82 1.36	29.58 -1.73 0.08	34.72 -1.87 0.03	38.72 -1.84 5.45	50.59 -1.93 4.18	50.98 -2.93 4.68	43.35 -2.48 2.89	34.92 -2.17 0.32	30.52 -2.37 0.02
CE_DUNWOOD___DRP 24194	32.82 1.14 0.00	28.93 1.11 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.71 1.38 0.00	37.49 1.68 0.00	32.53 1.55 0.00	26.68 1.37 0.00	25.22 1.25 0.00	25.89 1.26 0.00	25.21 1.27 0.00	27.03 1.31 0.00	29.12 1.52 0.00	31.13 1.73 0.00	32.99 1.60 0.00	38.67 2.05 0.00	48.36 2.35 0.00	59.36 2.66 0.00	61.11 2.52 0.00	50.82 2.10 0.00	38.95 1.53 0.00	34.34 1.42 0.00
CE_MILLWOOD___DRP 24193	32.79 1.11 0.00	28.91 1.09 0.00	24.71 0.90 0.00	25.32 0.90 0.00	25.15 0.90 0.00	29.20 1.07 0.00	37.68 1.34 0.00	37.42 1.61 0.00	32.46 1.49 0.00	26.61 1.29 0.00	25.17 1.20 0.00	25.81 1.18 0.00	25.16 1.22 0.00	26.98 1.26 0.00	29.07 1.46 0.00	31.04 1.65 0.00	32.92 1.54 0.00	38.56 1.94 0.00	48.31 2.30 0.00	59.30 2.61 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.87 1.46 0.00	34.30 1.38 0.00
CE_NYC2_DRP 24202	32.98 1.30 0.00	29.10 1.28 0.00	24.86 1.05 0.00	25.46 1.05 0.00	25.27 1.02 0.00	29.34 1.21 0.00	37.75 1.42 0.00	37.60 1.79 0.00	32.74 1.77 0.00	26.91 1.59 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.24 1.85 0.00	38.93 2.31 0.00	48.40 2.39 0.00	59.25 2.55 0.00	60.87 2.28 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.47 1.55 0.00
CE_NYC_DRP 24195	32.85 1.20 0.04	29.02 1.20 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.96 1.42 -0.22	37.84 1.83 -0.21	32.75 1.73 -0.04	26.86 1.54 0.00	25.37 1.39 0.00	26.01 1.38 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.31 1.91 0.00	33.19 1.76 -0.05	39.14 2.27 -0.25	49.09 2.48 -0.59	60.45 2.78 -0.98	62.15 2.52 -1.04	51.54 2.14 -0.68	39.20 1.53 -0.26	34.32 1.48 0.08
CHAFFEE___LFGE 323603	28.16 -3.52 0.00	24.45 -3.37 0.00	21.09 -2.71 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.93 -2.65 7.75	29.94 -2.61 3.26	28.75 -2.20 0.02	23.32 -1.97 0.02	22.10 -1.87 0.00	22.63 -1.99 0.00	22.07 -1.87 0.00	23.66 -2.06 0.00	25.36 -2.24 0.01	25.82 -2.21 1.37	29.14 -2.17 0.08	34.14 -2.45 0.03	37.80 -2.71 5.49	49.24 -3.23 4.23	49.52 -4.33 4.73	42.30 -3.51 2.92	34.24 -2.84 0.32	30.03 -2.86 0.02
CHATEAUG_35_KV_LOAD 355732	31.97 0.29 0.00	27.99 0.17 0.00	23.83 0.02 0.00	24.44 0.02 0.00	24.25 0.00 0.00	28.16 0.03 0.00	36.37 0.04 0.00	35.88 0.07 0.00	31.07 0.09 0.00	25.42 0.10 0.00	24.05 0.07 0.00	24.70 0.07 0.00	23.94 0.00 0.00	25.66 -0.05 0.00	27.55 -0.06 0.00	29.37 -0.03 0.00	31.45 0.06 0.00	36.62 0.00 0.00	46.24 0.23 0.00	56.87 0.17 0.00	58.82 0.23 0.00	48.97 0.24 0.00	37.60 0.19 0.00	33.12 0.20 0.00
CHATEAUG_WT_PWR 323614	31.87 0.19 0.00	27.93 0.11 0.00	23.81 0.00 0.00	24.41 0.00 0.00	24.23 -0.02 0.00	28.10 -0.03 0.00	36.30 -0.04 0.00	35.84 0.04 0.00	31.07 0.09 0.00	25.39 0.08 0.00	24.05 0.07 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.72 0.00 0.00	27.58 -0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.58 -0.04 0.00	46.15 0.14 0.00	56.70 0.00 0.00	58.65 0.06 0.00	48.82 0.10 0.00	37.49 0.07 0.00	33.02 0.10 0.00
CHAT_HIGH_FALL_HYD 323578	31.97 0.29 0.00	27.99 0.17 0.00	23.83 0.02 0.00	24.44 0.02 0.00	24.25 0.00 0.00	28.16 0.03 0.00	36.37 0.04 0.00	35.88 0.07 0.00	31.07 0.09 0.00	25.42 0.10 0.00	24.05 0.07 0.00	24.70 0.07 0.00	23.94 0.00 0.00	25.66 -0.05 0.00	27.55 -0.06 0.00	29.37 -0.03 0.00	31.45 0.06 0.00	36.62 0.00 0.00	46.24 0.23 0.00	56.87 0.17 0.00	58.82 0.23 0.00	48.97 0.24 0.00	37.60 0.19 0.00	33.12 0.20 0.00
CHAUTAUQUA___LFGE 323629	28.36 -3.33 0.00	24.65 -3.17 0.00	21.28 -2.52 0.00	21.85 -2.56 0.00	21.85 -2.40 0.00	25.11 -3.01 0.01	25.90 -2.40 8.03	30.14 -2.29 3.37	29.12 -1.83 0.03	23.68 -1.62 0.02	22.42 -1.56 0.00	22.95 -1.68 0.00	22.36 -1.58 0.00	23.94 -1.77 0.00	25.60 -1.99 0.01	25.92 -2.06 1.42	29.35 -1.95 0.09	34.47 -2.12 0.03	37.97 -2.39 5.65	49.73 -2.66 4.30	50.09 -3.69 4.81	42.73 -3.02 2.97	34.61 -2.47 0.33	30.36 -2.53 0.03
CHERRYST_13_KV_LD 356241	32.91 1.27 0.04	29.07 1.25 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.27 1.02 0.00	29.37 1.24 0.00	38.07 1.53 -0.22	37.95 1.93 -0.21	32.84 1.83 -0.04	26.96 1.65 0.00	25.46 1.49 0.00	26.11 1.48 0.00	25.45 1.51 0.00	27.26 1.54 0.00	29.40 1.79 0.00	31.42 2.03 0.00	33.29 1.85 -0.05	39.25 2.38 -0.25	49.23 2.62 -0.59	60.62 2.95 -0.98	62.33 2.70 -1.04	51.69 2.29 -0.68	39.32 1.65 -0.26	34.42 1.58 0.08

CHESTROR_138KV_BK263 355645	32.51 0.82 0.00	28.66 0.83 0.00	24.52 0.71 0.00	25.12 0.71 0.00	24.96 0.70 0.00	28.97 0.84 0.00	37.42 1.09 0.00	37.06 1.25 0.00	32.09 1.12 0.00	26.30 0.99 0.00	24.89 0.91 0.00	25.52 0.89 0.00	24.85 0.91 0.00	26.64 0.93 0.00	28.71 1.10 0.00	30.66 1.26 0.00	32.55 1.16 0.00	38.20 1.57 0.00	47.85 1.84 0.00	58.79 2.10 0.00	60.52 1.93 0.00	50.33 1.61 0.00	38.57 1.16 0.00	34.01 1.09 0.00
CH_MIDHUDSON___DRP 24192	32.79 1.11 0.00	28.91 1.09 0.00	24.71 0.90 0.00	25.32 0.90 0.00	25.13 0.87 0.00	29.20 1.07 0.00	37.68 1.34 0.00	37.31 1.50 0.00	32.34 1.36 0.00	26.43 1.11 0.00	25.01 1.03 0.00	25.66 1.03 0.00	24.97 1.03 0.00	26.82 1.11 0.00	28.90 1.30 0.00	30.86 1.47 0.00	32.80 1.41 0.00	38.49 1.87 0.00	48.27 2.25 0.00	59.30 2.61 0.00	61.05 2.46 0.00	50.82 2.10 0.00	38.91 1.50 0.00	34.30 1.38 0.00
CH_MISC_IPPS 23765	32.86 1.17 0.00	28.94 1.11 0.00	24.79 0.98 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.79 1.45 0.00	37.35 1.54 0.00	32.34 1.36 0.00	26.46 1.14 0.00	25.00 1.03 0.00	25.64 1.01 0.00	24.95 1.01 0.00	26.79 1.08 0.00	28.88 1.27 0.00	30.86 1.47 0.00	32.80 1.41 0.00	38.45 1.83 0.00	48.40 2.39 0.00	59.53 2.83 0.00	61.40 2.81 0.00	50.92 2.19 0.00	38.98 1.57 0.00	34.33 1.41 0.00
CH_RES_BVR_FALLS 23983	31.68 0.00 0.00	27.79 -0.03 0.00	23.78 -0.02 0.00	24.39 -0.02 0.00	24.20 -0.05 0.00	28.10 -0.03 0.00	36.26 -0.07 0.00	35.74 -0.07 0.00	30.95 -0.03 0.00	25.29 -0.03 0.00	23.95 -0.02 0.00	24.61 -0.02 0.00	23.89 -0.05 0.00	25.64 -0.08 0.00	27.52 -0.08 0.00	29.31 -0.09 0.00	31.29 -0.09 0.00	36.51 -0.11 0.00	45.92 -0.09 0.00	56.53 -0.17 0.00	58.47 -0.12 0.00	48.62 -0.10 0.00	37.34 -0.07 0.00	32.89 -0.03 0.00
CH_RES_NIAGARA 23895	27.37 -4.31 0.00	23.70 -4.12 0.00	20.57 -3.24 0.00	20.99 -3.42 0.00	20.95 -3.30 0.00	23.87 -4.25 0.01	25.35 -4.65 6.33	28.71 -4.44 2.66	26.76 -4.18 0.04	22.27 -3.01 0.03	21.13 -2.83 0.02	21.70 -2.91 0.02	21.05 -2.87 0.02	22.58 -3.11 0.02	24.21 -3.37 0.03	24.80 -3.47 1.12	27.02 -4.27 0.09	31.82 -4.76 0.04	35.45 -5.75 4.81	45.78 -6.80 4.12	47.94 -6.03 4.61	39.89 -5.99 2.84	32.00 -5.09 0.33	28.82 -4.08 0.02
CH_RES_SYRACUSE 23985	31.27 -0.41 0.00	27.43 -0.39 0.00	23.48 -0.33 0.00	24.09 -0.32 0.00	23.96 -0.29 0.00	27.79 -0.34 0.00	36.00 -0.33 0.00	35.34 -0.47 0.00	30.57 -0.40 0.00	24.99 -0.33 0.00	23.66 -0.31 0.00	24.31 -0.32 0.00	23.63 -0.31 0.00	25.41 -0.31 0.00	27.30 -0.30 0.00	28.98 -0.41 0.00	31.04 -0.34 0.00	36.22 -0.40 0.00	45.41 -0.60 0.00	56.19 -0.51 0.00	57.94 -0.64 0.00	48.19 -0.53 0.00	37.04 -0.37 0.00	32.49 -0.43 0.00
CLINTON_WT_PWR 323605	31.87 0.19 0.00	27.93 0.11 0.00	23.81 0.00 0.00	24.41 0.00 0.00	24.23 -0.02 0.00	28.10 -0.03 0.00	36.30 -0.04 0.00	35.84 0.04 0.00	31.07 0.09 0.00	25.39 0.08 0.00	24.05 0.07 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.72 0.00 0.00	27.58 -0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.58 -0.04 0.00	46.15 0.14 0.00	56.70 0.00 0.00	58.65 0.06 0.00	48.82 0.10 0.00	37.49 0.07 0.00	33.02 0.10 0.00
CLINTON___LFGE 323618	32.41 0.73 0.00	28.32 0.50 0.00	24.07 0.26 0.00	24.73 0.32 0.00	24.52 0.27 0.00	28.52 0.39 0.00	36.80 0.47 0.00	36.31 0.50 0.00	31.44 0.47 0.00	25.67 0.35 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.21 0.26 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.78 0.38 0.00	31.95 0.57 0.00	37.17 0.55 0.00	47.07 1.06 0.00	57.83 1.13 0.00	59.87 1.29 0.00	49.75 1.02 0.00	38.20 0.79 0.00	33.58 0.66 0.00
COBBLENY_34_KV_TB1 80064	28.17 -3.52 0.00	24.46 -3.37 0.00	21.21 -2.60 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.93 -2.65 7.75	29.94 -2.61 3.26	28.75 -2.20 0.02	23.32 -1.97 0.02	22.10 -1.87 0.00	22.66 -1.97 0.00	22.07 -1.87 0.00	23.68 -2.03 0.00	25.35 -2.24 0.01	25.82 -2.20 1.37	29.11 -2.20 0.08	34.10 -2.49 0.03	37.80 -2.71 5.49	49.35 -3.12 4.23	50.52 -3.34 4.73	42.44 -3.36 2.92	34.25 -2.84 0.32	30.06 -2.83 0.02
COFFEEN___115KV_TB3 355620	32.19 0.51 0.00	28.04 0.22 0.00	23.95 0.14 0.00	24.66 0.24 0.00	24.54 0.29 0.00	28.44 0.31 0.00	36.99 0.65 0.00	36.02 0.21 0.00	30.76 -0.22 0.00	24.91 -0.41 0.00	23.47 -0.50 0.00	24.11 -0.52 0.00	23.49 -0.45 0.00	25.30 -0.41 0.00	27.14 -0.47 0.00	28.69 -0.71 0.00	30.63 -0.75 0.00	35.70 -0.92 0.00	45.78 -0.23 0.00	57.60 0.91 0.00	60.52 1.93 0.00	49.89 1.17 0.00	38.16 0.75 0.00	33.55 0.63 0.00
COLDSPRG_115KV_BK1 355956	28.36 -3.33 0.00	24.65 -3.17 0.00	21.43 -2.38 0.00	21.87 -2.54 0.00	21.88 -2.38 0.00	25.14 -2.98 0.01	27.72 -1.42 7.19	31.46 -1.32 3.02	29.87 -1.08 0.02	23.81 -1.49 0.02	22.53 -1.44 0.00	23.05 -1.58 0.00	22.48 -1.46 0.00	24.04 -1.67 0.00	25.72 -1.88 0.01	26.80 -1.32 1.27	30.12 -1.19 0.07	35.13 -1.46 0.03	39.78 -1.10 5.13	51.68 -1.02 4.00	52.76 -1.35 4.48	44.35 -1.61 2.76	35.24 -1.87 0.30	30.66 -2.24 0.02
COLONIE_LFGE___ 323577	32.73 1.04 0.00	28.79 0.97 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.08 0.83 0.00	29.11 0.98 0.00	37.49 1.16 0.00	36.85 1.04 0.00	31.78 0.80 0.00	25.82 0.51 0.00	24.50 0.53 0.00	25.25 0.62 0.00	24.49 0.55 0.00	26.36 0.64 0.00	28.30 0.69 0.00	30.31 0.91 0.00	32.30 0.91 0.00	37.79 1.17 0.00	47.58 1.57 0.00	58.51 1.81 0.00	60.69 2.11 0.00	50.43 1.70 0.00	38.72 1.31 0.00	34.17 1.25 0.00
COOPERNY_115KV_TB1 80082	32.25 0.57 0.00	28.38 0.56 0.00	24.28 0.48 0.00	24.90 0.49 0.00	24.71 0.46 0.00	28.69 0.56 0.00	37.09 0.76 0.00	36.67 0.86 0.00	31.72 0.74 0.00	25.95 0.63 0.00	24.55 0.58 0.00	25.22 0.59 0.00	24.54 0.60 0.00	26.33 0.62 0.00	28.35 0.75 0.00	30.22 0.82 0.00	32.17 0.78 0.00	37.65 1.03 0.00	47.25 1.24 0.00	58.17 1.47 0.00	59.99 1.41 0.00	49.84 1.12 0.00	38.24 0.82 0.00	33.68 0.76 0.00
COPENHAGEN_WT_PWR 323753	31.97 0.28 0.00	27.88 0.06 0.00	23.81 0.00 0.00	24.51 0.10 0.00	24.37 0.12 0.00	28.27 0.14 0.00	36.73 0.40 0.00	35.81 0.00 0.00	30.67 -0.31 0.00	24.83 -0.48 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.44 -0.50 0.00	25.25 -0.46 0.00	27.08 -0.53 0.00	28.63 -0.76 0.00	30.60 -0.78 0.00	35.67 -0.95 0.00	45.55 -0.46 0.00	57.15 0.45 0.00	59.82 1.23 0.00	49.45 0.73 0.00	37.86 0.45 0.00	33.28 0.36 0.00
CORNELL_____ 23752	31.78 0.10 0.00	27.85 0.03 0.00	23.86 0.05 0.00	24.46 0.05 0.00	24.33 0.07 0.00	28.25 0.11 -0.01	40.51 0.44 -3.75	37.52 0.14 -1.57	31.02 0.03 -0.01	25.20 -0.13 -0.01	23.81 -0.17 0.00	24.43 -0.20 0.00	23.77 -0.17 0.00	25.56 -0.15 0.00	27.44 -0.17 -0.01	29.90 -0.15 -0.66	31.40 -0.03 -0.04	36.71 0.07 -0.01	48.25 0.37 -1.87	58.02 0.96 -0.36	59.99 1.05 -0.35	49.65 0.68 -0.25	37.89 0.45 -0.03	33.16 0.23 -0.01

CORONA_69_KV_TB1 355595	34.64 1.74 -1.21	30.14 1.64 -0.68	26.95 1.38 -1.76	26.10 1.39 -0.29	27.78 1.38 -2.15	33.30 1.63 -3.54	41.93 2.07 -3.53	40.39 2.36 -2.22	32.80 1.83 0.00	26.94 1.62 0.00	25.67 1.68 -0.02	26.30 1.67 0.00	25.62 1.68 0.00	28.82 1.75 -1.35	38.06 2.02 -8.44	38.26 2.23 -6.63	33.96 2.13 -0.44	42.50 2.71 -3.17	55.70 3.17 -6.51	60.44 3.74 0.00	62.68 3.52 -0.58	55.22 2.97 -3.52	47.85 2.24 -8.20	41.83 2.07 -6.84
CORTLAND_115KV_TB3 80093	31.52 -0.16 0.00	27.65 -0.17 0.00	23.69 -0.12 0.00	24.29 -0.12 0.00	24.16 -0.10 0.00	28.02 -0.11 0.00	37.74 0.11 -1.30	36.28 -0.07 -0.54	30.89 -0.09 0.00	25.14 -0.18 0.00	23.78 -0.19 0.00	24.41 -0.22 0.00	23.75 -0.19 0.00	25.53 -0.18 0.00	27.41 -0.19 0.00	29.45 -0.18 -0.23	31.27 -0.13 -0.01	36.52 -0.11 0.00	46.50 0.00 -0.49	56.87 0.40 0.23	58.72 0.41 0.28	48.76 0.19 0.15	37.47 0.07 0.01	32.89 -0.03 0.00
COXSACKIE___GT 23611	32.95 1.27 0.00	29.04 1.22 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.28 1.15 0.00	37.64 1.31 0.00	36.63 0.82 0.00	31.44 0.47 0.00	25.39 0.08 0.00	24.02 0.05 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.84 0.13 0.00	27.77 0.17 0.00	29.75 0.35 0.00	31.79 0.41 0.00	37.54 0.92 0.00	47.58 1.57 0.00	59.02 2.33 0.00	61.10 2.52 0.00	50.72 2.00 0.00	38.91 1.50 0.00	34.40 1.48 0.00
CPV_VALLEY___CC1 323721	32.38 0.70 0.00	28.54 0.72 0.00	24.45 0.64 0.00	25.05 0.63 0.00	24.88 0.63 0.00	28.89 0.76 0.00	37.31 0.98 0.00	36.99 1.18 0.00	32.00 1.02 0.00	26.28 0.96 0.00	24.84 0.86 0.00	25.49 0.86 0.00	24.83 0.89 0.00	26.59 0.87 0.00	28.63 1.02 0.00	30.57 1.18 0.00	32.42 1.03 0.00	37.94 1.32 0.00	47.62 1.61 0.00	58.51 1.81 0.00	60.41 1.82 0.00	50.08 1.36 0.00	38.38 0.97 0.00	33.84 0.92 0.00
CPV_VALLEY___CC2 323722	32.38 0.70 0.00	28.54 0.72 0.00	24.45 0.64 0.00	25.05 0.63 0.00	24.88 0.63 0.00	28.89 0.76 0.00	37.31 0.98 0.00	36.99 1.18 0.00	32.00 1.02 0.00	26.28 0.96 0.00	24.84 0.86 0.00	25.49 0.86 0.00	24.83 0.89 0.00	26.59 0.87 0.00	28.63 1.02 0.00	30.57 1.18 0.00	32.42 1.03 0.00	37.94 1.32 0.00	47.62 1.61 0.00	58.51 1.81 0.00	60.41 1.82 0.00	50.08 1.36 0.00	38.38 0.97 0.00	33.84 0.92 0.00
CRESCENT___HYD 24018	32.73 1.04 0.00	28.79 0.97 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.08 0.83 0.00	29.11 0.98 0.00	37.49 1.16 0.00	36.85 1.04 0.00	31.78 0.80 0.00	25.82 0.51 0.00	24.50 0.53 0.00	25.25 0.62 0.00	24.49 0.55 0.00	26.36 0.64 0.00	28.30 0.69 0.00	30.31 0.91 0.00	32.30 0.91 0.00	37.79 1.17 0.00	47.58 1.57 0.00	58.51 1.81 0.00	60.69 2.11 0.00	50.43 1.70 0.00	38.72 1.31 0.00	34.17 1.25 0.00
CRICKET___VALLEY_CC1 323756	32.63 0.95 0.00	28.77 0.95 0.00	24.62 0.81 0.00	25.19 0.78 0.00	25.03 0.78 0.00	29.05 0.93 0.00	37.49 1.16 0.00	37.20 1.40 0.00	32.22 1.24 0.00	26.40 1.09 0.00	24.98 1.01 0.00	25.64 1.01 0.00	24.97 1.03 0.00	26.79 1.08 0.00	28.85 1.24 0.00	30.83 1.44 0.00	32.67 1.29 0.00	38.23 1.61 0.00	47.99 1.98 0.00	58.91 2.21 0.00	60.81 2.23 0.00	50.47 1.75 0.00	38.68 1.27 0.00	34.10 1.18 0.00
CRICKET___VALLEY_CC2 323757	32.63 0.95 0.00	28.77 0.95 0.00	24.62 0.81 0.00	25.19 0.78 0.00	25.03 0.78 0.00	29.05 0.93 0.00	37.49 1.16 0.00	37.20 1.40 0.00	32.22 1.24 0.00	26.40 1.09 0.00	24.98 1.01 0.00	25.64 1.01 0.00	24.97 1.03 0.00	26.79 1.08 0.00	28.85 1.24 0.00	30.83 1.44 0.00	32.67 1.29 0.00	38.23 1.61 0.00	47.99 1.98 0.00	58.91 2.21 0.00	60.81 2.23 0.00	50.47 1.75 0.00	38.68 1.27 0.00	34.10 1.18 0.00
CRICKET___VALLEY_CC3 323758	32.63 0.95 0.00	28.77 0.95 0.00	24.62 0.81 0.00	25.19 0.78 0.00	25.03 0.78 0.00	29.05 0.93 0.00	37.49 1.16 0.00	37.20 1.40 0.00	32.22 1.24 0.00	26.40 1.09 0.00	24.98 1.01 0.00	25.64 1.01 0.00	24.97 1.03 0.00	26.79 1.08 0.00	28.85 1.24 0.00	30.83 1.44 0.00	32.67 1.29 0.00	38.23 1.61 0.00	47.99 1.98 0.00	58.91 2.21 0.00	60.81 2.23 0.00	50.47 1.75 0.00	38.68 1.27 0.00	34.10 1.18 0.00
CRUCIBLE_METL_DRP 24180	31.27 -0.41 0.00	27.43 -0.39 0.00	23.50 -0.31 0.00	24.10 -0.32 0.00	23.96 -0.29 0.00	27.79 -0.34 0.00	36.01 -0.33 0.00	35.34 -0.47 0.00	30.57 -0.40 0.00	24.99 -0.33 0.00	23.66 -0.31 0.00	24.31 -0.32 0.00	23.63 -0.31 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	28.98 -0.41 0.00	31.04 -0.35 0.00	36.14 -0.48 0.00	45.41 -0.60 0.00	56.19 -0.51 0.00	58.06 -0.53 0.00	48.19 -0.54 0.00	37.04 -0.37 0.00	32.49 -0.43 0.00
DAHOWA___HYDRO 323763	32.98 1.30 0.00	29.04 1.22 0.00	24.83 1.02 0.00	25.46 1.05 0.00	25.30 1.04 0.00	29.36 1.24 0.00	37.82 1.49 0.00	36.99 1.18 0.00	31.81 0.84 0.00	25.77 0.46 0.00	24.41 0.43 0.00	25.10 0.47 0.00	24.37 0.43 0.00	26.26 0.54 0.00	28.16 0.55 0.00	30.22 0.82 0.00	32.23 0.85 0.00	37.83 1.21 0.00	47.85 1.84 0.00	59.19 2.49 0.00	61.46 2.87 0.00	51.11 2.39 0.00	39.13 1.72 0.00	34.50 1.58 0.00
DANC___LFGE 323619	31.56 -0.13 0.00	27.57 -0.25 0.00	23.57 -0.24 0.00	24.24 -0.17 0.00	24.11 -0.14 0.00	27.96 -0.17 0.00	36.26 -0.07 0.00	35.45 -0.36 0.00	30.48 -0.50 0.00	24.78 -0.53 0.00	23.42 -0.55 0.00	24.04 -0.59 0.00	23.39 -0.55 0.00	25.20 -0.51 0.00	27.02 -0.58 0.00	28.63 -0.76 0.00	30.60 -0.78 0.00	35.67 -0.95 0.00	45.51 -0.74 -0.24	56.99 -0.23 -0.52	59.42 0.24 -0.60	49.08 0.00 -0.36	37.38 -0.07 -0.04	32.82 -0.10 0.00
DANSKAMMER___1 23586	32.86 1.17 0.00	28.94 1.11 0.00	24.79 0.98 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.79 1.45 0.00	37.35 1.54 0.00	32.34 1.36 0.00	26.46 1.14 0.00	25.00 1.03 0.00	25.64 1.01 0.00	24.95 1.01 0.00	26.79 1.08 0.00	28.88 1.27 0.00	30.86 1.47 0.00	32.80 1.41 0.00	38.45 1.83 0.00	48.40 2.39 0.00	59.53 2.83 0.00	61.40 2.81 0.00	50.92 2.19 0.00	38.98 1.57 0.00	34.33 1.41 0.00
DANSKAMMER___2 23589	32.86 1.17 0.00	28.94 1.11 0.00	24.79 0.98 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.79 1.45 0.00	37.35 1.54 0.00	32.34 1.36 0.00	26.46 1.14 0.00	25.00 1.03 0.00	25.64 1.01 0.00	24.95 1.01 0.00	26.79 1.08 0.00	28.88 1.27 0.00	30.86 1.47 0.00	32.80 1.41 0.00	38.45 1.83 0.00	48.40 2.39 0.00	59.53 2.83 0.00	61.40 2.81 0.00	50.92 2.19 0.00	38.98 1.57 0.00	34.33 1.41 0.00
DANSKAMMER___3 23590	32.86 1.17 0.00	28.94 1.11 0.00	24.79 0.98 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.79 1.45 0.00	37.35 1.54 0.00	32.34 1.36 0.00	26.46 1.14 0.00	25.00 1.03 0.00	25.64 1.01 0.00	24.95 1.01 0.00	26.79 1.08 0.00	28.88 1.27 0.00	30.86 1.47 0.00	32.80 1.41 0.00	38.45 1.83 0.00	48.40 2.39 0.00	59.53 2.83 0.00	61.40 2.81 0.00	50.92 2.19 0.00	38.98 1.57 0.00	34.33 1.41 0.00

DANSKAMMER___4 23591	32.86 1.17 0.00	28.94 1.11 0.00	24.79 0.98 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.79 1.45 0.00	37.35 1.54 0.00	32.34 1.36 0.00	26.46 1.14 0.00	25.00 1.03 0.00	25.64 1.01 0.00	24.95 1.01 0.00	26.79 1.08 0.00	28.88 1.27 0.00	30.86 1.47 0.00	32.80 1.41 0.00	38.45 1.83 0.00	48.40 2.39 0.00	59.53 2.83 0.00	61.40 2.81 0.00	50.92 2.19 0.00	38.98 1.57 0.00	34.33 1.41 0.00
DANSKAMMER___DIESEL 23592	32.86 1.17 0.00	28.93 1.11 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.79 1.45 0.00	37.35 1.54 0.00	32.34 1.36 0.00	26.43 1.11 0.00	25.01 1.03 0.00	25.64 1.01 0.00	24.95 1.01 0.00	26.77 1.05 0.00	28.87 1.27 0.00	30.86 1.47 0.00	32.83 1.44 0.00	38.56 1.94 0.00	48.40 2.39 0.00	59.53 2.83 0.00	61.22 2.64 0.00	50.91 2.19 0.00	38.98 1.57 0.00	34.37 1.45 0.00
DARBY___SOLAR 323810	32.89 1.20 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.39 0.98 0.00	25.22 0.97 0.00	29.28 1.15 0.00	37.71 1.38 0.00	36.92 1.11 0.00	31.75 0.77 0.00	25.75 0.43 0.00	24.36 0.38 0.00	25.07 0.44 0.00	24.35 0.41 0.00	26.20 0.49 0.00	28.13 0.52 0.00	30.19 0.79 0.00	32.20 0.81 0.00	37.76 1.14 0.00	47.76 1.75 0.00	59.02 2.33 0.00	61.28 2.70 0.00	50.92 2.19 0.00	39.02 1.61 0.00	34.40 1.48 0.00
DASHVILLE___HYD 23610	32.79 1.11 0.00	28.88 1.06 0.00	24.69 0.88 0.00	25.32 0.90 0.00	25.10 0.85 0.00	29.14 1.01 0.00	37.64 1.31 0.00	37.24 1.43 0.00	32.22 1.24 0.00	26.35 1.04 0.00	24.91 0.94 0.00	25.57 0.94 0.00	24.88 0.93 0.00	26.69 0.98 0.00	28.79 1.19 0.00	30.75 1.35 0.00	32.67 1.29 0.00	38.45 1.83 0.00	48.27 2.25 0.00	59.30 2.61 0.00	60.99 2.40 0.00	50.77 2.05 0.00	38.87 1.46 0.00	34.27 1.35 0.00
DELAWARE___LFGE 323621	32.22 0.54 0.00	28.29 0.47 0.00	24.21 0.40 0.00	24.83 0.42 0.00	24.69 0.44 0.00	28.63 0.51 0.00	37.07 0.73 -0.01	36.49 0.68 0.00	31.50 0.53 0.00	25.67 0.35 0.00	24.29 0.31 0.00	24.97 0.34 0.00	24.30 0.36 0.00	26.13 0.41 0.00	28.07 0.47 0.00	29.93 0.53 0.00	31.92 0.53 0.00	37.32 0.70 0.00	47.03 1.01 -0.01	58.06 1.36 0.00	60.05 1.46 0.00	49.84 1.12 0.00	38.20 0.79 0.00	33.61 0.69 0.00
DERFIELD_115KV_TB7 355931	31.75 0.06 0.00	27.88 0.06 0.00	23.86 0.05 0.00	24.46 0.05 0.00	24.30 0.05 0.00	28.18 0.06 0.00	36.37 0.04 0.00	35.88 0.07 0.00	31.01 0.03 0.00	25.32 0.00 0.00	23.97 0.00 0.00	24.63 0.00 0.00	23.97 0.02 0.00	25.74 0.03 0.00	27.63 0.03 0.00	29.42 0.03 0.00	31.39 0.00 0.00	36.66 0.04 0.00	46.06 0.05 0.00	56.75 0.06 0.00	58.70 0.12 0.00	48.77 0.05 0.00	37.49 0.07 0.00	32.99 0.07 0.00
DOGLEVILLE___HYD 23807	33.49 1.81 0.00	29.38 1.56 0.00	25.14 1.33 0.00	25.76 1.34 0.00	25.61 1.36 0.00	29.67 1.55 0.00	38.44 2.11 0.00	37.81 2.01 0.00	32.62 1.64 0.00	26.58 1.27 0.00	25.10 1.13 0.00	25.76 1.13 0.00	25.00 1.05 0.00	26.69 0.98 0.00	28.63 1.02 0.00	30.39 1.00 0.00	32.45 1.07 0.00	37.94 1.32 0.00	47.90 1.89 0.00	59.25 2.55 0.00	61.40 2.81 0.00	51.21 2.48 0.00	39.47 2.06 0.00	34.80 1.88 0.00
DUNKIRK___115KV_TB_200 55889	28.36 -3.33 0.00	24.65 -3.17 0.00	21.40 -2.40 0.00	21.87 -2.54 0.00	21.85 -2.40 0.00	25.11 -3.01 0.01	25.87 -2.40 8.06	30.09 -2.33 3.39	29.09 -1.86 0.03	23.65 -1.65 0.02	22.42 -1.56 0.00	22.95 -1.67 0.00	22.34 -1.60 0.00	23.91 -1.80 0.00	25.60 -1.99 0.01	25.91 -2.06 1.42	29.29 -2.01 0.09	34.39 -2.20 0.03	37.90 -2.44 5.67	49.78 -2.61 4.31	50.90 -2.87 4.82	42.77 -2.97 2.98	34.58 -2.51 0.33	30.36 -2.53 0.03
DUNKIRK___1 23563	28.36 -3.33 0.00	24.65 -3.17 0.00	21.40 -2.40 0.00	21.87 -2.54 0.00	21.85 -2.40 0.00	25.11 -3.01 0.01	25.87 -2.40 8.06	30.09 -2.33 3.39	29.09 -1.86 0.03	23.65 -1.65 0.02	22.42 -1.56 0.00	22.95 -1.67 0.00	22.34 -1.60 0.00	23.91 -1.80 0.00	25.60 -1.99 0.01	25.91 -2.06 1.42	29.29 -2.01 0.09	34.39 -2.20 0.03	37.90 -2.44 5.67	49.78 -2.61 4.31	50.90 -2.87 4.82	42.77 -2.97 2.98	34.58 -2.51 0.33	30.36 -2.53 0.03
DUNKIRK___2 23564	28.36 -3.33 0.00	24.65 -3.17 0.00	21.40 -2.40 0.00	21.87 -2.54 0.00	21.85 -2.40 0.00	25.11 -3.01 0.01	25.87 -2.40 8.06	30.09 -2.33 3.39	29.09 -1.86 0.03	23.65 -1.65 0.02	22.42 -1.56 0.00	22.95 -1.67 0.00	22.34 -1.60 0.00	23.91 -1.80 0.00	25.60 -1.99 0.01	25.91 -2.06 1.42	29.29 -2.01 0.09	34.39 -2.20 0.03	37.90 -2.44 5.67	49.78 -2.61 4.31	50.90 -2.87 4.82	42.77 -2.97 2.98	34.58 -2.51 0.33	30.36 -2.53 0.03
DUNKIRK___3 23565	28.32 -3.36 0.00	24.59 -3.23 0.00	21.36 -2.45 0.00	21.80 -2.61 0.00	21.80 -2.45 0.00	25.02 -3.09 0.01	25.61 -2.51 8.22	29.92 -2.43 3.45	28.94 -2.01 0.03	23.50 -1.80 0.02	22.27 -1.70 0.00	22.83 -1.80 0.00	22.22 -1.72 0.00	23.79 -1.93 0.00	25.47 -2.13 0.01	25.83 -2.12 1.45	29.19 -2.10 0.09	34.21 -2.38 0.03	37.63 -2.62 5.76	49.39 -2.95 4.36	50.56 -3.16 4.87	42.50 -3.22 3.01	34.39 -2.69 0.33	30.19 -2.70 0.03
DUNKIRK___4 23566	28.32 -3.36 0.00	24.59 -3.23 0.00	21.36 -2.45 0.00	21.80 -2.61 0.00	21.80 -2.45 0.00	25.02 -3.09 0.01	25.61 -2.51 8.22	29.92 -2.43 3.45	28.94 -2.01 0.03	23.50 -1.80 0.02	22.27 -1.70 0.00	22.83 -1.80 0.00	22.22 -1.72 0.00	23.79 -1.93 0.00	25.47 -2.13 0.01	25.83 -2.12 1.45	29.19 -2.10 0.09	34.21 -2.38 0.03	37.63 -2.62 5.76	49.39 -2.95 4.36	50.56 -3.16 4.87	42.50 -3.22 3.01	34.39 -2.69 0.33	30.19 -2.70 0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.86 1.17 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.25 1.13 0.00	37.75 1.42 0.00	37.56 1.75 0.00	32.59 1.61 0.00	26.73 1.42 0.00	25.29 1.32 0.00	25.94 1.31 0.00	25.26 1.32 0.00	27.08 1.36 0.00	29.21 1.60 0.00	31.19 1.79 0.00	33.05 1.66 0.00	38.71 2.09 0.00	48.45 2.44 0.00	59.47 2.78 0.00	61.22 2.64 0.00	50.91 2.19 0.00	38.98 1.57 0.00	34.37 1.45 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.70 1.01 0.00	28.80 0.97 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.05 0.80 0.00	29.11 0.98 0.00	37.60 1.27 0.00	37.24 1.43 0.00	32.25 1.27 0.00	26.40 1.09 0.00	24.96 0.98 0.00	25.62 0.99 0.00	24.92 0.98 0.00	26.72 1.00 0.00	28.82 1.21 0.00	30.78 1.38 0.00	32.70 1.32 0.00	38.41 1.79 0.00	48.13 2.12 0.00	59.19 2.49 0.00	60.93 2.34 0.00	50.62 1.90 0.00	38.80 1.38 0.00	34.17 1.25 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.31 1.62 -0.01	29.35 1.53 0.00	25.07 1.26 0.00	25.68 1.27 0.00	25.51 1.26 0.00	29.59 1.46 0.00	38.14 1.82 0.01	37.95 2.15 0.01	32.95 1.98 0.01	26.80 1.49 0.01	25.31 1.34 0.01	25.95 1.33 0.01	25.30 1.36 0.01	27.12 1.41 0.01	29.25 1.66 0.01	31.27 1.88 0.01	33.45 2.07 0.01	39.32 2.71 0.01	48.17 2.16 0.00	58.96 2.27 0.00	60.58 1.99 0.00	50.52 1.80 0.00	38.72 1.31 0.00	34.43 1.51 0.00

E179THST_13_KV_LOAD 356214	33.40 1.71 -0.01	29.44 1.61 0.00	25.17 1.36 0.00	25.78 1.37 0.00	25.59 1.33 0.00	29.70 1.58 0.00	38.29 1.96 0.01	38.13 2.33 0.01	33.07 2.11 0.01	26.90 1.59 0.01	25.40 1.44 0.01	26.05 1.43 0.01	25.42 1.48 0.01	27.22 1.52 0.01	29.36 1.77 0.01	31.42 2.03 0.01	33.61 2.23 0.01	39.51 2.89 0.01	48.40 2.39 0.00	59.25 2.55 0.00	60.87 2.28 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.60 1.68 0.00
EAST HAMPTON___GT 23717	36.16 3.26 -1.21	31.48 2.98 -0.68	28.21 2.64 -1.76	27.39 2.69 -0.29	29.04 2.64 -2.15	34.65 2.98 -3.54	43.78 3.93 -3.53	42.28 4.26 -2.22	34.01 3.04 0.00	27.90 2.58 0.00	26.65 2.66 -0.02	27.19 2.56 0.00	26.39 2.44 0.00	29.69 2.62 -1.35	38.94 2.90 -8.44	39.05 3.03 -6.63	34.56 2.73 -0.44	43.12 3.33 -3.17	57.22 4.70 -6.51	62.03 5.33 -0.01	64.55 5.39 -0.58	57.07 4.82 -3.52	49.09 3.48 -8.20	42.89 3.13 -6.84
EAST RIVER___6 23660	32.85 1.20 0.04	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	38.00 1.45 -0.22	37.88 1.86 -0.21	32.78 1.76 -0.04	26.91 1.60 0.00	25.36 1.39 0.00	26.03 1.40 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.33 1.94 0.00	33.19 1.76 -0.05	39.03 2.16 -0.25	49.13 2.53 -0.59	60.51 2.83 -0.98	62.39 2.75 -1.04	51.59 2.19 -0.68	39.20 1.53 -0.26	34.32 1.48 0.08
EAST RIVER___7 23524	32.85 1.20 0.04	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	38.00 1.45 -0.22	37.88 1.86 -0.21	32.78 1.76 -0.04	26.91 1.60 0.00	25.36 1.39 0.00	26.03 1.40 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.33 1.94 0.00	33.19 1.76 -0.05	39.03 2.16 -0.25	49.13 2.53 -0.59	60.51 2.83 -0.98	62.39 2.75 -1.04	51.59 2.19 -0.68	39.20 1.53 -0.26	34.32 1.48 0.08
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.82 1.14 0.00	28.93 1.11 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.71 1.38 0.00	37.49 1.68 0.00	32.53 1.55 0.00	26.68 1.37 0.00	25.22 1.25 0.00	25.89 1.26 0.00	25.21 1.27 0.00	27.03 1.31 0.00	29.12 1.52 0.00	31.13 1.73 0.00	32.99 1.60 0.00	38.67 2.05 0.00	48.36 2.35 0.00	59.36 2.66 0.00	61.11 2.52 0.00	50.82 2.10 0.00	38.95 1.53 0.00	34.34 1.42 0.00
EAST_HAMPTON___DIESEL 23722	36.16 3.26 -1.21	31.48 2.98 -0.68	28.21 2.64 -1.76	27.39 2.69 -0.29	29.04 2.64 -2.15	34.65 2.98 -3.54	43.75 3.89 -3.53	42.25 4.22 -2.22	34.01 3.04 0.00	27.90 2.58 0.00	26.65 2.66 -0.02	27.17 2.54 0.00	26.39 2.44 0.00	29.66 2.60 -1.35	38.94 2.90 -8.44	39.02 3.00 -6.63	34.53 2.70 -0.44	43.09 3.30 -3.17	57.17 4.65 -6.51	62.03 5.33 -0.01	64.50 5.33 -0.58	57.02 4.78 -3.52	49.05 3.44 -8.20	42.89 3.13 -6.84
EAST_POINT___SOLAR 323840	32.82 1.14 0.00	28.88 1.06 0.00	24.69 0.88 0.00	25.32 0.90 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.13 0.80 0.00	35.81 0.00 0.00	30.39 -0.59 0.00	24.58 -0.73 0.00	23.18 -0.79 0.00	23.82 -0.81 0.00	23.20 -0.74 0.00	24.94 -0.77 0.00	26.69 -0.91 0.00	28.69 -0.71 0.00	30.88 -0.50 0.00	36.66 0.04 0.00	47.07 1.06 0.00	59.08 2.38 0.00	61.52 2.93 0.00	51.21 2.48 0.00	39.13 1.72 0.00	34.37 1.45 0.00
EAST_PULASKI___ESR 323781	31.24 -0.44 0.00	27.35 -0.47 0.00	23.40 -0.40 0.00	24.02 -0.39 0.00	23.89 -0.36 0.00	27.73 -0.39 0.00	35.90 -0.43 0.00	35.20 -0.61 0.00	30.39 -0.59 0.00	24.78 -0.53 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.42 -0.53 0.00	25.20 -0.51 0.00	27.02 -0.58 0.00	28.69 -0.71 0.00	30.69 -0.69 0.00	35.78 -0.84 0.00	45.67 -0.97 -0.63	57.27 -0.79 -1.37	59.51 -0.64 -1.56	49.03 -0.63 -0.94	36.99 -0.52 -0.10	32.39 -0.53 0.00
EAST_RIVER___1 323558	32.85 1.20 0.04	29.02 1.20 0.00	24.83 1.02 0.00	25.39 0.98 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.96 1.42 -0.22	37.84 1.83 -0.21	32.75 1.73 -0.04	26.89 1.57 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.30 1.91 0.00	33.16 1.73 -0.05	38.96 2.09 -0.25	49.09 2.48 -0.59	60.45 2.78 -0.98	62.33 2.70 -1.04	51.54 2.14 -0.68	39.20 1.53 -0.26	34.32 1.48 0.08
EAST_RIVER___2 323559	32.85 1.20 0.04	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.20 0.94 0.00	29.28 1.15 0.00	38.00 1.45 -0.22	37.88 1.86 -0.21	32.78 1.76 -0.04	26.91 1.60 0.00	25.36 1.39 0.00	26.03 1.40 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.29 1.68 0.00	31.33 1.94 0.00	33.19 1.76 -0.05	39.03 2.16 -0.25	49.13 2.53 -0.59	60.51 2.83 -0.98	62.39 2.75 -1.04	51.59 2.19 -0.68	39.20 1.53 -0.26	34.32 1.48 0.08
EAST___DELAWARE_HYD 23607	32.51 0.82 0.00	28.60 0.78 0.00	24.50 0.69 0.00	25.07 0.66 0.00	24.88 0.63 0.00	28.89 0.76 0.00	37.39 1.05 0.00	36.92 1.11 0.00	31.94 0.96 0.00	26.10 0.79 0.00	24.64 0.67 0.00	25.30 0.67 0.00	24.64 0.69 0.00	26.46 0.75 0.00	28.51 0.91 0.00	30.42 1.03 0.00	32.36 0.97 0.00	37.98 1.36 0.00	47.90 1.89 0.00	59.02 2.33 0.00	60.93 2.35 0.00	50.47 1.75 0.00	38.61 1.20 0.00	33.97 1.05 0.00
EIGHT_POINT___WT_PWR 323820	30.07 -1.61 0.00	26.26 -1.56 0.00	22.60 -1.21 0.00	23.31 -1.10 0.00	23.28 -0.97 0.00	26.99 -1.18 -0.04	67.44 -0.62 -31.73	47.92 -1.18 -13.30	29.87 -1.21 -0.10	24.14 -1.24 -0.06	22.73 -1.25 0.00	23.25 -1.38 0.00	22.60 -1.34 0.00	24.25 -1.46 0.00	26.00 -1.66 -0.05	33.20 -1.76 -5.56	30.09 -1.66 -0.37	35.09 -1.65 -0.12	62.04 -1.34 -17.36	62.40 -0.62 -6.33	64.19 -1.11 -6.72	52.28 -0.83 -4.39	37.06 -0.86 -0.50	31.83 -1.18 -0.10
ELBRIDGE_115KV_TB2 80188	31.08 -0.60 0.00	27.26 -0.56 0.00	23.36 -0.45 0.00	23.95 -0.46 0.00	23.82 -0.44 0.00	27.62 -0.51 0.00	35.79 -0.54 0.00	35.13 -0.68 0.00	30.42 -0.56 0.00	24.86 -0.46 0.00	23.54 -0.43 0.00	24.19 -0.44 0.00	23.51 -0.43 0.00	25.28 -0.44 0.00	27.14 -0.47 0.00	28.81 -0.59 0.00	30.85 -0.53 0.00	35.92 -0.70 0.00	45.14 -0.87 0.00	55.85 -0.85 0.00	57.71 -0.88 0.00	47.85 -0.88 0.00	36.78 -0.64 0.00	32.26 -0.66 0.00
ELEC_TRO_TEK 24086	34.54 1.65 -1.21	30.06 1.56 -0.68	26.91 1.33 -1.76	26.05 1.34 -0.29	27.71 1.31 -2.15	33.24 1.58 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.74 1.77 0.00	26.89 1.57 0.00	25.62 1.63 -0.02	26.26 1.63 0.00	25.57 1.63 0.00	28.76 1.70 -1.35	37.97 1.93 -8.44	38.17 2.15 -6.63	33.87 2.04 -0.44	42.35 2.56 -3.17	55.51 2.99 -6.51	60.16 3.46 0.00	62.45 3.28 -0.58	55.02 2.78 -3.52	47.70 2.10 -8.20	41.70 1.94 -6.84
ELLENBURG_WT_PWR 323604	31.87 0.19 0.00	27.93 0.11 0.00	23.81 0.00 0.00	24.41 0.00 0.00	24.23 -0.02 0.00	28.10 -0.03 0.00	36.30 -0.04 0.00	35.84 0.04 0.00	31.07 0.09 0.00	25.39 0.08 0.00	24.05 0.07 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.72 0.00 0.00	27.58 -0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.58 -0.04 0.00	46.15 0.14 0.00	56.70 0.00 0.00	58.65 0.06 0.00	48.82 0.10 0.00	37.49 0.07 0.00	33.02 0.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.13 -3.55 0.00	24.43 -3.39 0.00	21.19 -2.62 0.00	21.63 -2.78 0.00	21.61 -2.64 0.00	24.82 -3.29 0.01	24.84 -3.09 8.40	29.24 -3.04 3.53	28.41 -2.54 0.03	23.22 -2.08 0.02	22.01 -1.97 0.00	22.59 -2.04 0.00	21.98 -1.96 0.00	23.55 -2.16 0.00	25.24 -2.35 0.01	25.35 -2.56 1.48	28.68 -2.60 0.10	33.69 -2.89 0.03	36.69 -3.40 5.92	48.23 -3.97 4.50	49.41 -4.16 5.02	41.57 -4.04 3.11	33.85 -3.22 0.34	29.83 -3.06 0.03
EMPIRE_CC_1 323656	32.63 0.95 0.00	28.74 0.92 0.00	24.59 0.78 0.00	25.19 0.78 0.00	25.03 0.78 0.00	29.03 0.90 0.00	37.35 1.02 0.00	36.77 0.97 0.00	31.75 0.77 0.00	25.82 0.51 0.00	24.53 0.55 0.00	25.25 0.62 0.00	24.49 0.55 0.00	26.36 0.64 0.00	28.30 0.69 0.00	30.25 0.85 0.00	32.23 0.85 0.00	37.72 1.10 0.00	47.39 1.38 0.00	58.23 1.53 0.00	60.34 1.76 0.00	50.18 1.46 0.00	38.57 1.16 0.00	34.07 1.15 0.00
EMPIRE_CC_2 323658	32.63 0.95 0.00	28.74 0.92 0.00	24.59 0.78 0.00	25.19 0.78 0.00	25.03 0.78 0.00	29.03 0.90 0.00	37.35 1.02 0.00	36.77 0.97 0.00	31.75 0.77 0.00	25.82 0.51 0.00	24.53 0.55 0.00	25.25 0.62 0.00	24.49 0.55 0.00	26.36 0.64 0.00	28.30 0.69 0.00	30.25 0.85 0.00	32.23 0.85 0.00	37.72 1.10 0.00	47.39 1.38 0.00	58.23 1.53 0.00	60.34 1.76 0.00	50.18 1.46 0.00	38.57 1.16 0.00	34.07 1.15 0.00
ENORWICH_115KV_TB1 80156	32.76 1.08 0.00	28.63 0.81 0.00	24.50 0.69 0.00	25.17 0.76 0.00	25.05 0.80 0.00	29.06 0.93 0.00	39.66 1.60 -1.73	37.68 1.15 -0.73	31.60 0.62 -0.01	25.52 0.20 0.00	24.05 0.07 0.00	24.68 0.05 0.00	24.06 0.12 0.00	25.90 0.18 0.00	27.83 0.22 0.00	29.93 0.24 -0.30	31.78 0.38 -0.02	37.18 0.55 -0.01	48.21 1.43 -0.77	59.27 2.61 0.04	61.56 3.05 0.07	50.94 2.24 0.02	38.95 1.53 0.00	34.14 1.22 -0.01
ERIE_ST__34_KV_TB1-2 80199	28.07 -3.61 0.00	24.37 -3.45 0.00	21.12 -2.69 0.00	21.58 -2.83 0.00	21.56 -2.69 0.00	24.77 -3.35 0.01	26.63 -2.83 7.59	30.54 -2.08 3.19	29.19 -1.77 0.02	23.25 -2.05 0.02	22.03 -1.94 0.00	22.58 -2.04 0.00	22.03 -1.92 0.00	23.61 -2.11 0.00	25.27 -2.32 0.01	26.35 -1.70 1.34	29.65 -1.69 0.04	34.47 -2.12 0.03	38.67 -1.93 5.41	50.26 -2.27 4.17	51.22 -2.64 4.73	43.22 -2.63 2.87	34.47 -2.62 0.32	30.00 -2.90 0.02
ERIE_WT_PWR 323693	28.20 -3.49 0.00	24.45 -3.37 0.00	21.09 -2.71 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.30 -2.83 8.20	29.53 -2.83 3.44	28.59 -2.36 0.03	23.27 -2.03 0.02	22.05 -1.92 0.00	22.61 -2.02 0.00	22.02 -1.92 0.00	23.61 -2.11 0.00	25.30 -2.29 0.01	25.57 -2.38 1.45	28.94 -2.35 0.09	33.95 -2.64 0.03	37.20 -3.04 5.78	48.62 -3.68 4.40	48.92 -4.74 4.92	41.89 -3.80 3.04	34.08 -2.99 0.34	29.93 -2.96 0.03
ESPRGFLD_115KV_TB1 80157	32.28 0.60 0.00	28.35 0.53 0.00	24.24 0.43 0.00	24.88 0.46 0.00	24.74 0.49 0.00	28.72 0.59 0.00	37.09 0.76 0.00	36.27 0.47 0.00	31.10 0.12 0.00	25.26 -0.05 0.00	23.85 -0.12 0.00	24.51 -0.12 0.00	23.89 -0.05 0.00	25.69 -0.03 0.00	27.55 -0.06 0.00	29.42 0.03 0.00	31.51 0.13 0.00	36.95 0.33 0.00	46.98 0.97 0.00	58.40 1.70 0.00	60.58 1.99 0.00	50.33 1.61 0.00	38.46 1.05 0.00	33.74 0.82 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.71 0.03 0.00	27.79 -0.03 0.00	23.81 0.00 0.00	24.41 0.00 0.00	24.30 0.05 0.00	28.22 0.08 0.00	39.82 0.36 -3.12	37.19 0.07 -1.31	30.99 0.00 -0.01	25.17 -0.15 -0.01	23.78 -0.19 0.00	24.41 -0.22 0.00	23.75 -0.19 0.00	25.53 -0.18 0.00	27.42 -0.19 0.00	29.77 -0.18 -0.55	31.36 -0.06 -0.04	36.63 0.00 -0.01	47.82 0.28 -1.54	57.73 0.79 -0.24	59.69 0.88 -0.23	49.48 0.58 -0.17	37.77 0.34 -0.02	33.09 0.16 -0.01
ETNA____115KV_TB2 80207	31.71 0.03 0.00	27.79 -0.03 0.00	23.81 0.00 0.00	24.41 0.00 0.00	24.30 0.05 0.00	28.22 0.08 0.00	39.82 0.36 -3.12	37.19 0.07 -1.31	30.99 0.00 -0.01	25.17 -0.15 -0.01	23.78 -0.19 0.00	24.41 -0.22 0.00	23.75 -0.19 0.00	25.53 -0.18 0.00	27.42 -0.19 0.00	29.77 -0.18 -0.55	31.36 -0.06 -0.04	36.63 0.00 -0.01	47.82 0.28 -1.54	57.73 0.79 -0.24	59.69 0.88 -0.23	49.48 0.58 -0.17	37.77 0.34 -0.02	33.09 0.16 -0.01
EUCLID____115KV_TB2 356179	30.92 -0.76 0.00	27.13 -0.70 0.00	23.24 -0.57 0.00	23.83 -0.59 0.00	23.70 -0.56 0.00	27.48 -0.65 0.00	35.53 -0.80 0.00	34.95 -0.86 0.00	30.26 -0.71 0.00	24.78 -0.53 0.00	23.47 -0.50 0.00	24.11 -0.52 0.00	23.44 -0.50 0.00	25.20 -0.51 0.00	27.05 -0.55 0.00	28.69 -0.71 0.00	30.73 -0.66 0.00	35.78 -0.84 0.00	44.24 -1.15 0.63	54.09 -1.25 1.36	55.74 -1.29 1.56	46.62 -1.17 0.93	36.45 -0.86 0.10	32.10 -0.82 0.00
E_CANADA_CAP_HY 24051	32.48 0.79 0.00	28.57 0.75 0.00	24.40 0.60 0.00	25.05 0.63 0.00	24.91 0.66 0.00	28.94 0.82 0.00	37.10 0.76 0.00	36.06 0.25 0.00	30.82 -0.15 0.00	24.94 -0.38 0.00	23.54 -0.43 0.00	24.19 -0.44 0.00	23.54 -0.41 0.00	25.33 -0.39 0.00	27.08 -0.53 0.00	29.04 -0.35 0.00	31.13 -0.25 0.00	36.69 0.07 0.00	46.84 0.83 0.00	58.40 1.70 0.00	60.69 2.11 0.00	50.57 1.85 0.00	38.64 1.23 0.00	33.97 1.05 0.00
E_CANADA_MHWK_HY 24050	33.49 1.80 0.00	29.38 1.56 0.00	25.14 1.33 0.00	25.75 1.34 0.00	25.61 1.36 0.00	29.67 1.55 0.00	38.44 2.11 0.00	37.81 2.00 0.00	32.62 1.64 0.00	26.58 1.27 0.00	25.10 1.13 0.00	25.76 1.13 0.00	24.99 1.05 0.00	26.69 0.98 0.00	28.63 1.02 0.00	30.39 1.00 0.00	32.45 1.07 0.00	37.90 1.28 0.00	47.90 1.89 0.00	59.25 2.55 0.00	61.34 2.75 0.00	51.21 2.48 0.00	39.47 2.06 0.00	34.80 1.88 0.00
E_FISHKILL__LBMP 23776	32.70 1.01 0.00	28.82 1.00 0.00	24.64 0.83 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.57 1.24 0.00	37.31 1.50 0.00	32.31 1.33 0.00	26.48 1.16 0.00	25.05 1.08 0.00	25.71 1.08 0.00	25.04 1.10 0.00	26.85 1.13 0.00	28.93 1.33 0.00	30.89 1.50 0.00	32.80 1.41 0.00	38.41 1.79 0.00	48.13 2.12 0.00	59.08 2.38 0.00	60.81 2.23 0.00	50.62 1.90 0.00	38.76 1.35 0.00	34.20 1.28 0.00
FALCON__SEABRD_CC1 323796	32.19 0.51 0.00	28.18 0.36 0.00	24.02 0.21 0.00	24.63 0.22 0.00	24.42 0.17 0.00	28.38 0.25 0.00	36.66 0.33 0.00	36.20 0.39 0.00	31.38 0.40 0.00	25.64 0.33 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.23 0.29 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.69 0.29 0.00	31.79 0.41 0.00	36.99 0.37 0.00	46.66 0.64 0.00	57.32 0.62 0.00	59.29 0.71 0.00	49.35 0.63 0.00	37.90 0.49 0.00	33.35 0.43 0.00
FALCON__SEABRD_CC2 323797	32.19 0.51 0.00	28.18 0.36 0.00	24.02 0.21 0.00	24.63 0.22 0.00	24.42 0.17 0.00	28.38 0.25 0.00	36.66 0.33 0.00	36.20 0.39 0.00	31.38 0.40 0.00	25.64 0.33 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.23 0.29 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.69 0.29 0.00	31.79 0.41 0.00	36.99 0.37 0.00	46.66 0.64 0.00	57.32 0.62 0.00	59.29 0.71 0.00	49.35 0.63 0.00	37.90 0.49 0.00	33.35 0.43 0.00

FAR ROCKAWAY___4 23548	34.89 2.00 -1.21	30.37 1.86 -0.68	27.17 1.60 -1.76	26.32 1.61 -0.29	27.98 1.58 -2.15	33.53 1.86 -3.54	42.22 2.36 -3.53	40.67 2.65 -2.22	33.02 2.04 0.00	27.11 1.80 0.00	25.86 1.87 -0.02	26.50 1.87 0.00	25.79 1.84 0.00	29.02 1.95 -1.35	38.28 2.24 -8.44	38.49 2.47 -6.63	34.21 2.39 -0.44	42.79 3.00 -3.17	56.11 3.59 -6.51	61.01 4.31 0.00	63.33 4.16 -0.58	55.66 3.41 -3.52	48.19 2.58 -8.20	42.13 2.37 -6.84
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.71 1.73 0.00	26.89 1.57 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.34 1.94 0.00	33.14 1.76 0.00	38.89 2.27 0.00	48.50 2.48 0.00	59.47 2.78 0.00	61.16 2.58 0.00	50.87 2.14 0.00	38.95 1.53 0.00	34.43 1.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.79 1.45 0.00	37.63 1.83 0.00	32.71 1.73 0.00	26.89 1.57 0.00	25.39 1.41 0.00	26.03 1.40 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.34 1.94 0.00	33.17 1.79 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.47 2.78 0.00	61.16 2.58 0.00	50.91 2.19 0.00	38.98 1.57 0.00	34.43 1.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.89 1.20 0.00	29.02 1.20 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.71 1.73 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.31 1.91 0.00	33.14 1.76 0.00	38.85 2.23 0.00	48.50 2.48 0.00	59.42 2.72 0.00	61.11 2.52 0.00	50.87 2.14 0.00	38.95 1.53 0.00	34.40 1.48 0.00
FARRAGUT___LBMP 323566	32.89 1.20 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.83 1.52 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.36 1.41 0.00	27.16 1.44 0.00	29.29 1.68 0.00	31.31 1.91 0.00	33.11 1.73 0.00	38.82 2.20 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.82 2.10 0.00	38.91 1.50 0.00	34.40 1.48 0.00
FARRCKWY_69_KV_BK2 55825	34.89 2.00 -1.21	30.37 1.86 -0.68	27.17 1.60 -1.76	26.32 1.61 -0.29	27.98 1.58 -2.15	33.53 1.86 -3.54	42.22 2.36 -3.53	40.67 2.65 -2.22	33.02 2.04 0.00	27.11 1.80 0.00	25.86 1.87 -0.02	26.50 1.87 0.00	25.79 1.84 0.00	29.02 1.95 -1.35	38.28 2.24 -8.44	38.49 2.47 -6.63	34.21 2.39 -0.44	42.79 3.00 -3.17	56.11 3.59 -6.51	61.01 4.31 0.00	63.33 4.16 -0.58	55.66 3.41 -3.52	48.19 2.58 -8.20	42.13 2.37 -6.84
FENNER___WINDPWR 24204	31.91 0.22 0.00	27.96 0.14 0.00	23.90 0.10 0.00	24.54 0.12 0.00	24.40 0.15 0.00	28.30 0.17 0.00	36.70 0.36 0.00	36.02 0.22 0.00	31.07 0.09 0.00	25.29 -0.03 0.00	23.93 -0.05 0.00	24.58 -0.05 0.00	23.92 -0.02 0.00	25.74 0.03 0.00	27.63 0.03 0.00	29.40 0.00 0.00	31.45 0.06 0.00	36.69 0.07 0.00	46.09 0.32 0.25	56.89 0.74 0.54	58.79 0.82 0.62	48.94 0.59 0.37	37.78 0.41 0.04	33.22 0.30 0.00
FIBERTEK___ENERGY 23856	31.27 -0.41 0.00	27.43 -0.39 0.00	23.50 -0.31 0.00	24.10 -0.32 0.00	23.96 -0.29 0.00	27.79 -0.34 0.00	36.01 -0.33 0.00	35.34 -0.47 0.00	30.57 -0.40 0.00	24.99 -0.33 0.00	23.66 -0.31 0.00	24.31 -0.32 0.00	23.63 -0.31 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	28.98 -0.41 0.00	31.04 -0.35 0.00	36.14 -0.48 0.00	45.41 -0.60 0.00	56.19 -0.51 0.00	58.06 -0.53 0.00	48.19 -0.54 0.00	37.04 -0.37 0.00	32.49 -0.43 0.00
FITZPATRICK___ 23598	30.61 -1.08 0.00	26.85 -0.97 0.00	23.02 -0.79 0.00	23.61 -0.81 0.00	23.45 -0.80 0.00	27.20 -0.93 0.00	35.13 -1.20 0.00	34.63 -1.18 0.00	29.95 -1.02 0.00	24.50 -0.81 0.00	23.21 -0.77 0.00	23.84 -0.79 0.00	23.20 -0.74 0.00	24.92 -0.80 0.00	26.75 -0.86 0.00	28.40 -1.00 0.00	30.41 -0.97 0.00	35.41 -1.21 0.00	44.31 -1.70 0.00	54.66 -2.04 0.00	56.42 -2.17 0.00	46.92 -1.80 0.00	36.07 -1.35 0.00	31.67 -1.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.01 1.33 0.00	29.10 1.28 0.00	24.88 1.07 0.00	25.49 1.07 0.00	25.30 1.04 0.00	29.39 1.27 0.00	37.97 1.63 0.00	37.49 1.68 0.00	32.46 1.49 0.00	26.48 1.16 0.00	25.03 1.05 0.00	25.66 1.03 0.00	24.97 1.03 0.00	26.82 1.11 0.00	28.93 1.33 0.00	30.98 1.59 0.00	32.95 1.57 0.00	38.78 2.16 0.00	48.73 2.71 0.00	59.93 3.23 0.00	61.69 3.11 0.00	51.26 2.53 0.00	39.21 1.80 0.00	34.53 1.61 0.00
FORT ORANGE___ 23900	32.22 0.54 0.00	28.43 0.61 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.74 0.48 0.00	28.66 0.53 0.00	36.77 0.44 0.00	36.02 0.22 0.00	31.07 0.09 0.00	25.29 -0.03 0.00	24.00 0.02 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.79 0.08 0.00	27.69 0.08 0.00	29.57 0.18 0.00	31.51 0.13 0.00	36.91 0.29 0.00	46.38 0.37 0.00	57.26 0.57 0.00	59.29 0.71 0.00	49.26 0.54 0.00	37.94 0.52 0.00	33.64 0.72 0.00
FORT_DRUM_COGEN 23780	32.06 0.38 0.00	27.93 0.11 0.00	23.86 0.05 0.00	24.56 0.15 0.00	24.45 0.19 0.00	28.32 0.20 0.00	36.84 0.51 0.00	35.88 0.07 0.00	30.70 -0.28 0.00	24.86 -0.46 0.00	23.45 -0.53 0.00	24.09 -0.54 0.00	23.44 -0.50 0.00	25.25 -0.46 0.00	27.08 -0.52 0.00	28.63 -0.76 0.00	30.57 -0.82 0.00	35.60 -1.03 0.00	45.60 -0.41 0.00	57.26 0.57 0.00	60.11 1.52 0.00	49.60 0.88 0.00	37.97 0.56 0.00	33.38 0.46 0.00
FOX_HILLS___ESR 323835	33.20 1.52 0.00	29.24 1.42 0.00	25.02 1.21 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.36 1.24 0.00	37.71 1.38 0.00	37.49 1.68 0.00	32.52 1.55 0.00	26.81 1.49 0.00	25.29 1.32 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.19 1.47 -0.01	29.30 1.68 -0.01	31.31 1.91 -0.01	33.14 1.76 0.00	38.78 2.16 0.00	48.45 2.44 0.00	59.31 2.61 0.00	61.10 2.52 0.00	50.92 2.19 0.00	39.02 1.61 0.00	34.66 1.74 0.00
FPL_FAR_ROCK_GT1 24212	34.89 2.00 -1.21	30.37 1.86 -0.68	27.19 1.62 -1.76	26.32 1.61 -0.29	27.98 1.58 -2.15	33.53 1.86 -3.54	42.22 2.36 -3.53	40.67 2.65 -2.22	33.02 2.04 0.00	27.11 1.80 0.00	25.86 1.87 -0.02	26.50 1.87 0.00	25.79 1.84 0.00	29.02 1.95 -1.35	38.28 2.23 -8.44	38.49 2.47 -6.63	34.21 2.38 -0.44	42.65 2.86 -3.17	56.11 3.59 -6.51	61.01 4.31 -0.01	63.44 4.27 -0.58	55.65 3.41 -3.52	48.19 2.58 -8.20	42.13 2.37 -6.84
FPL_FAR_ROCK_GT2 23815	34.89 2.00 -1.21	30.37 1.86 -0.68	27.19 1.62 -1.76	26.32 1.61 -0.29	27.98 1.58 -2.15	33.53 1.86 -3.54	42.22 2.36 -3.53	40.67 2.65 -2.22	33.02 2.04 0.00	27.11 1.80 0.00	25.86 1.87 -0.02	26.50 1.87 0.00	25.79 1.84 0.00	29.02 1.95 -1.35	38.28 2.23 -8.44	38.49 2.47 -6.63	34.21 2.38 -0.44	42.65 2.86 -3.17	56.11 3.59 -6.51	61.01 4.31 -0.01	63.44 4.27 -0.58	55.65 3.41 -3.52	48.19 2.58 -8.20	42.13 2.37 -6.84



FRANKLIN_FALL_HYD 24054	32.09 0.41 0.00	28.07 0.25 0.00	23.88 0.07 0.00	24.53 0.12 0.00	24.33 0.07 0.00	28.27 0.14 0.00	36.51 0.18 0.00	36.02 0.21 0.00	31.19 0.22 0.00	25.49 0.18 0.00	24.12 0.14 0.00	24.80 0.17 0.00	24.04 0.10 0.00	25.74 0.03 0.00	27.66 0.06 0.00	29.45 0.06 0.00	31.48 0.09 0.00	36.62 0.00 0.00	46.33 0.32 0.00	56.92 0.23 0.00	59.11 0.53 0.00	49.16 0.44 0.00	37.75 0.34 0.00	33.25 0.33 0.00
FREEPORT_EQUS_GT1 23764	34.89 2.00 -1.21	30.37 1.86 -0.68	27.17 1.60 -1.76	26.29 1.59 -0.29	27.95 1.55 -2.15	33.53 1.86 -3.54	42.22 2.36 -3.53	40.67 2.65 -2.22	32.99 2.01 0.00	27.09 1.77 0.00	25.84 1.85 -0.02	26.48 1.85 0.00	25.79 1.84 0.00	29.02 1.95 -1.35	38.25 2.21 -8.44	38.49 2.47 -6.63	34.18 2.36 -0.44	42.61 2.82 -3.17	56.07 3.54 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.56 3.31 -3.52	48.15 2.55 -8.20	42.06 2.30 -6.84
FREEPORT___CT2 23818	34.89 2.00 -1.21	30.37 1.86 -0.68	27.17 1.60 -1.76	26.29 1.59 -0.29	27.95 1.55 -2.15	33.53 1.86 -3.54	42.22 2.36 -3.53	40.67 2.65 -2.22	32.99 2.01 0.00	27.09 1.77 0.00	25.84 1.85 -0.02	26.48 1.85 0.00	25.79 1.84 0.00	29.02 1.95 -1.35	38.25 2.21 -8.44	38.49 2.47 -6.63	34.18 2.36 -0.44	42.61 2.82 -3.17	56.07 3.54 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.56 3.31 -3.52	48.15 2.55 -8.20	42.06 2.30 -6.84
FRESHKLS_33_KV_LOAD 356253	33.27 1.58 0.00	29.29 1.47 0.00	25.07 1.26 0.00	25.61 1.20 0.00	25.42 1.16 0.00	29.42 1.29 0.00	37.71 1.38 0.00	37.49 1.68 0.00	32.49 1.52 0.00	26.78 1.47 0.00	25.27 1.29 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.19 1.47 -0.01	29.30 1.68 -0.01	31.31 1.91 -0.01	33.17 1.79 0.00	38.82 2.20 0.00	48.50 2.48 0.00	59.36 2.67 0.00	61.23 2.64 0.00	51.01 2.29 0.00	39.10 1.69 0.00	34.73 1.81 0.00
FULTON COGEN____ 23766	30.80 -0.89 0.00	27.01 -0.81 0.00	23.14 -0.67 0.00	23.73 -0.68 0.00	23.60 -0.65 0.00	27.40 -0.73 0.00	35.39 -0.94 0.00	34.77 -1.04 0.00	30.11 -0.87 0.00	24.63 -0.68 0.00	23.33 -0.65 0.00	23.94 -0.69 0.00	23.27 -0.67 0.00	25.05 -0.67 0.00	26.86 -0.75 0.00	28.54 -0.85 0.00	30.54 -0.85 0.00	35.52 -1.10 0.00	45.43 -1.43 -0.84	57.00 -1.53 -1.84	59.11 -1.58 -2.10	48.57 -1.41 -1.26	36.46 -1.08 -0.13	31.90 -1.02 0.00
FULTON___LFGE 323630	32.76 1.08 0.00	28.82 1.00 0.00	24.64 0.83 0.00	25.27 0.85 0.00	25.12 0.87 0.00	29.20 1.07 0.00	37.42 1.09 0.00	36.31 0.50 0.00	31.04 0.06 0.00	25.09 -0.23 0.00	23.66 -0.31 0.00	24.31 -0.32 0.00	23.66 -0.29 0.00	25.46 -0.26 0.00	27.27 -0.33 0.00	29.31 -0.09 0.00	31.42 0.03 0.00	37.02 0.40 0.00	47.26 1.24 0.00	58.97 2.27 0.00	61.23 2.64 0.00	50.96 2.24 0.00	38.98 1.57 0.00	34.27 1.35 0.00
G.F.CEMENT___DRP 24184	33.01 1.33 0.00	29.10 1.28 0.00	24.86 1.05 0.00	25.49 1.07 0.00	25.34 1.09 0.00	29.42 1.29 0.00	37.89 1.56 0.00	37.02 1.22 0.00	31.87 0.90 0.00	25.77 0.46 0.00	24.41 0.43 0.00	25.05 0.42 0.00	24.40 0.45 0.00	26.26 0.54 0.00	28.13 0.52 0.00	30.25 0.85 0.00	32.26 0.88 0.00	37.90 1.28 0.00	48.04 2.02 0.00	59.47 2.78 0.00	61.57 2.99 0.00	51.30 2.58 0.00	39.28 1.87 0.00	34.60 1.68 0.00
GARDENVILLE___LBMP 24039	28.17 -3.52 0.00	24.46 -3.37 0.00	21.19 -2.62 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	24.34 -2.94 9.05	29.11 -2.90 3.80	28.50 -2.45 0.03	23.22 -2.08 0.02	22.03 -1.94 0.00	22.58 -2.04 0.00	21.98 -1.96 0.00	23.58 -2.13 0.00	25.24 -2.35 0.02	25.36 -2.44 1.60	28.81 -2.48 0.10	33.77 -2.82 0.03	36.53 -3.22 6.26	48.34 -3.74 4.61	49.51 -3.93 5.15	41.73 -3.80 3.19	33.95 -3.11 0.35	29.89 -3.00 0.03
GARDNVLA_35_KV_LD 355827	28.23 -3.45 0.00	24.48 -3.34 0.00	21.24 -2.57 0.00	21.68 -2.73 0.00	21.66 -2.60 0.00	24.88 -3.23 0.01	25.61 -2.83 7.89	29.67 -2.83 3.31	28.63 -2.32 0.03	23.32 -1.97 0.02	22.10 -1.87 0.00	22.66 -1.97 0.00	22.07 -1.87 0.00	23.66 -2.06 0.00	25.35 -2.24 0.01	25.65 -2.35 1.39	28.98 -2.32 0.08	33.99 -2.60 0.03	37.42 -2.99 5.60	48.92 -3.46 4.32	50.12 -3.63 4.83	42.14 -3.61 2.98	34.13 -2.96 0.33	30.00 -2.90 0.03
GELCKHM___115KV_LOAD 80723	31.05 -0.63 0.00	27.24 -0.58 0.00	23.33 -0.48 0.00	23.92 -0.49 0.00	23.79 -0.46 0.00	27.59 -0.53 0.00	35.71 -0.62 0.00	35.09 -0.72 0.00	30.39 -0.59 0.00	24.86 -0.46 0.00	23.54 -0.43 0.00	24.19 -0.44 0.00	23.51 -0.43 0.00	25.28 -0.44 0.00	27.14 -0.47 0.00	28.81 -0.59 0.00	30.85 -0.53 0.00	35.92 -0.70 0.00	44.68 -0.92 0.41	54.84 -0.96 0.89	56.57 -1.00 1.02	47.18 -0.93 0.61	36.64 -0.71 0.07	32.23 -0.69 0.00
GENERAL___MILLS 23808	28.17 -3.52 0.00	24.46 -3.37 0.00	21.21 -2.60 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.26 -2.87 8.20	29.53 -2.83 3.44	28.60 -2.35 0.03	23.27 -2.03 0.02	22.05 -1.92 0.00	22.63 -2.00 0.00	22.03 -1.92 0.00	23.60 -2.11 0.00	25.30 -2.29 0.01	25.57 -2.38 1.45	28.91 -2.39 0.09	33.92 -2.67 0.03	37.15 -3.08 5.78	48.73 -3.57 4.40	49.92 -3.75 4.92	41.98 -3.70 3.04	34.05 -3.03 0.34	29.93 -2.96 0.03
GE_PLASTICS___DRP 24183	32.28 0.60 0.00	28.43 0.61 0.00	24.31 0.50 0.00	24.93 0.51 0.00	24.76 0.51 0.00	28.69 0.56 0.00	36.88 0.54 0.00	36.31 0.50 0.00	31.38 0.40 0.00	25.57 0.25 0.00	24.24 0.26 0.00	24.93 0.30 0.00	24.23 0.29 0.00	26.02 0.31 0.00	27.96 0.36 0.00	29.87 0.47 0.00	31.82 0.44 0.00	37.24 0.62 0.00	46.70 0.69 0.00	57.49 0.79 0.00	59.41 0.82 0.00	49.45 0.73 0.00	38.05 0.64 0.00	33.64 0.72 0.00
GILBOA___1 23756	32.19 0.51 0.00	28.32 0.50 0.00	24.26 0.45 0.00	24.85 0.44 0.00	24.69 0.44 0.00	28.63 0.51 0.00	36.95 0.62 0.00	36.49 0.68 0.00	31.53 0.56 0.00	25.77 0.46 0.00	24.41 0.43 0.00	25.07 0.44 0.00	24.37 0.43 0.00	26.18 0.46 0.00	28.13 0.52 0.00	30.04 0.65 0.00	31.98 0.59 0.00	37.39 0.77 0.00	47.02 1.01 0.00	57.89 1.19 0.00	59.82 1.23 0.00	49.70 0.97 0.00	38.12 0.71 0.00	33.58 0.66 0.00
GILBOA___2 23757	32.19 0.51 0.00	28.32 0.50 0.00	24.26 0.45 0.00	24.85 0.44 0.00	24.69 0.44 0.00	28.63 0.51 0.00	36.95 0.62 0.00	36.49 0.68 0.00	31.53 0.56 0.00	25.77 0.46 0.00	24.41 0.43 0.00	25.07 0.44 0.00	24.37 0.43 0.00	26.18 0.46 0.00	28.13 0.52 0.00	30.04 0.65 0.00	31.98 0.59 0.00	37.39 0.77 0.00	47.02 1.01 0.00	57.89 1.19 0.00	59.82 1.23 0.00	49.70 0.97 0.00	38.12 0.71 0.00	33.58 0.66 0.00
GILBOA___3 23758	32.19 0.51 0.00	28.32 0.50 0.00	24.26 0.45 0.00	24.85 0.44 0.00	24.69 0.44 0.00	28.63 0.51 0.00	36.95 0.62 0.00	36.49 0.68 0.00	31.53 0.56 0.00	25.77 0.46 0.00	24.41 0.43 0.00	25.07 0.44 0.00	24.37 0.43 0.00	26.18 0.46 0.00	28.13 0.52 0.00	30.04 0.65 0.00	31.98 0.59 0.00	37.39 0.77 0.00	47.02 1.01 0.00	57.89 1.19 0.00	59.82 1.23 0.00	49.70 0.97 0.00	38.12 0.71 0.00	33.58 0.66 0.00

GILBOA___4 23759	32.19 0.51 0.00	28.32 0.50 0.00	24.26 0.45 0.00	24.85 0.44 0.00	24.69 0.44 0.00	28.63 0.51 0.00	36.95 0.62 0.00	36.49 0.68 0.00	31.53 0.56 0.00	25.77 0.46 0.00	24.41 0.43 0.00	25.07 0.44 0.00	24.37 0.43 0.00	26.18 0.46 0.00	28.13 0.52 0.00	30.04 0.65 0.00	31.98 0.59 0.00	37.39 0.77 0.00	47.02 1.01 0.00	57.89 1.19 0.00	59.82 1.23 0.00	49.70 0.97 0.00	38.12 0.71 0.00	33.58 0.66 0.00
GILBOA____ 23599	32.19 0.51 0.00	28.32 0.50 0.00	24.24 0.43 0.00	24.85 0.44 0.00	24.69 0.44 0.00	28.63 0.51 0.00	36.95 0.62 0.00	36.49 0.68 0.00	31.53 0.56 0.00	25.75 0.43 0.00	24.41 0.43 0.00	25.07 0.44 0.00	24.37 0.43 0.00	26.18 0.46 0.00	28.13 0.52 0.00	30.04 0.65 0.00	31.98 0.60 0.00	37.43 0.81 0.00	47.02 1.01 0.00	57.83 1.13 0.00	59.70 1.11 0.00	49.70 0.97 0.00	38.12 0.71 0.00	33.58 0.66 0.00
GINNA____ 23603	28.77 -2.91 0.00	25.04 -2.78 0.00	21.52 -2.29 0.00	22.12 -2.30 0.00	22.00 -2.25 0.00	25.48 -2.65 0.00	31.34 -3.52 1.46	31.65 -3.55 0.61	28.09 -2.88 0.00	23.26 -2.05 0.00	22.06 -1.92 0.00	22.66 -1.97 0.00	22.00 -1.94 0.00	23.63 -2.08 0.00	25.39 -2.21 0.00	26.26 -2.88 0.26	28.54 -2.82 0.02	33.50 -3.11 0.01	39.81 -4.10 2.11	48.81 -4.76 3.13	49.58 -5.45 3.56	42.09 -4.48 2.15	34.00 -3.18 0.23	29.99 -2.93 0.00
GLEN PARK____ 23778	32.13 0.44 0.00	27.99 0.17 0.00	23.90 0.10 0.00	24.61 0.19 0.00	24.50 0.24 0.00	28.38 0.25 0.00	36.91 0.58 0.00	35.95 0.14 0.00	30.73 -0.25 0.00	24.86 -0.45 0.00	23.45 -0.53 0.00	24.09 -0.54 0.00	23.46 -0.48 0.00	25.28 -0.44 0.00	27.08 -0.53 0.00	28.66 -0.73 0.00	30.60 -0.78 0.00	35.67 -0.95 0.00	45.69 -0.32 0.00	57.49 0.79 0.00	60.29 1.70 0.00	49.79 1.07 0.00	38.09 0.67 0.00	33.48 0.56 0.00
GLENDALE_27_KV_LOAD 356172	33.11 1.43 0.00	29.18 1.36 0.00	24.93 1.12 0.00	25.54 1.12 0.00	25.34 1.09 0.00	29.45 1.32 0.00	37.86 1.53 0.00	37.74 1.93 0.00	32.87 1.89 0.00	27.04 1.72 0.00	25.51 1.53 0.00	26.18 1.55 0.00	25.52 1.58 0.00	27.37 1.65 -0.01	29.52 1.90 -0.01	31.55 2.15 -0.01	33.36 1.98 0.00	39.11 2.49 0.00	48.63 2.62 0.00	59.53 2.83 0.00	61.16 2.58 0.00	51.01 2.29 0.00	39.06 1.65 0.00	34.60 1.68 0.00
GLENWOOD_IC_1_G5 23712	34.51 1.62 -1.21	30.03 1.53 -0.68	26.86 1.29 -1.76	26.00 1.29 -0.29	27.66 1.26 -2.15	33.19 1.52 -3.54	41.78 1.93 -3.53	40.24 2.22 -2.22	32.80 1.83 0.00	26.94 1.62 0.00	25.62 1.63 -0.02	26.26 1.63 0.00	25.57 1.63 0.00	28.79 1.72 -1.35	38.00 1.96 -8.44	38.23 2.20 -6.63	33.90 2.07 -0.44	42.39 2.60 -3.17	55.61 3.08 -6.51	60.27 3.57 0.00	62.56 3.40 -0.58	55.07 2.83 -3.52	47.70 2.10 -8.20	41.67 1.91 -6.84
GLENWOOD_IC_2_G1 23688	34.32 1.43 -1.21	29.86 1.36 -0.68	26.76 1.19 -1.76	25.85 1.15 -0.29	27.54 1.14 -2.15	33.02 1.35 -3.54	41.57 1.71 -3.53	40.03 2.00 -2.22	32.68 1.70 0.00	26.83 1.52 0.00	25.48 1.49 -0.02	26.11 1.48 0.00	25.43 1.48 0.00	28.64 1.57 -1.35	37.83 1.79 -8.44	38.02 2.00 -6.63	33.68 1.85 -0.44	42.02 2.23 -3.17	55.28 2.76 -6.51	59.88 3.17 -0.01	62.33 3.16 -0.58	54.78 2.53 -3.52	47.44 1.83 -8.20	41.47 1.71 -6.84
GLENWOOD_IC_3_G1 23689	34.32 1.43 -1.21	29.86 1.36 -0.68	26.76 1.19 -1.76	25.85 1.15 -0.29	27.54 1.14 -2.15	33.02 1.35 -3.54	41.57 1.71 -3.53	40.03 2.00 -2.22	32.68 1.70 0.00	26.83 1.52 0.00	25.48 1.49 -0.02	26.11 1.48 0.00	25.43 1.48 0.00	28.64 1.57 -1.35	37.83 1.79 -8.44	38.02 2.00 -6.63	33.68 1.85 -0.44	42.02 2.23 -3.17	55.28 2.76 -6.51	59.88 3.17 -0.01	62.33 3.16 -0.58	54.78 2.53 -3.52	47.44 1.83 -8.20	41.47 1.71 -6.84
GLENWOOD___4 23550	34.51 1.62 -1.21	30.03 1.53 -0.68	26.86 1.29 -1.76	26.00 1.29 -0.29	27.66 1.26 -2.15	33.19 1.52 -3.54	41.78 1.93 -3.53	40.24 2.22 -2.22	32.80 1.83 0.00	26.94 1.62 0.00	25.62 1.63 -0.02	26.26 1.63 0.00	25.57 1.63 0.00	28.79 1.72 -1.35	38.00 1.96 -8.44	38.23 2.20 -6.63	33.90 2.07 -0.44	42.39 2.60 -3.17	55.61 3.08 -6.51	60.27 3.57 0.00	62.56 3.40 -0.58	55.07 2.83 -3.52	47.70 2.10 -8.20	41.67 1.91 -6.84
GLENWOOD___5 23614	34.51 1.62 -1.21	30.03 1.53 -0.68	26.86 1.29 -1.76	26.00 1.29 -0.29	27.66 1.26 -2.15	33.19 1.52 -3.54	41.78 1.93 -3.53	40.24 2.22 -2.22	32.80 1.83 0.00	26.94 1.62 0.00	25.62 1.63 -0.02	26.26 1.63 0.00	25.57 1.63 0.00	28.79 1.72 -1.35	38.00 1.96 -8.44	38.23 2.20 -6.63	33.90 2.07 -0.44	42.39 2.60 -3.17	55.61 3.08 -6.51	60.27 3.57 0.00	62.56 3.40 -0.58	55.07 2.83 -3.52	47.70 2.10 -8.20	41.67 1.91 -6.84
GLOBAL GREEN_PORT_GT1 23814	36.19 3.29 -1.21	31.51 3.01 -0.68	28.21 2.64 -1.76	27.39 2.69 -0.29	29.04 2.64 -2.15	34.65 2.98 -3.54	43.78 3.93 -3.53	42.28 4.26 -2.22	34.04 3.07 0.00	27.92 2.61 0.00	26.70 2.71 -0.02	27.24 2.61 0.00	26.48 2.54 0.00	29.79 2.72 -1.35	39.08 3.04 -8.44	39.20 3.18 -6.63	34.75 2.92 -0.44	43.34 3.55 -3.17	57.45 4.93 -6.51	62.32 5.61 -0.01	64.79 5.62 -0.58	57.26 5.02 -3.52	49.28 3.67 -8.20	43.05 3.29 -6.84
GLOBE___DSASP 323697	27.28 -4.40 0.00	23.65 -4.17 0.00	20.50 -3.31 0.00	20.92 -3.49 0.00	20.91 -3.35 0.00	23.79 -4.33 0.01	25.28 -4.72 6.33	28.67 -4.48 2.66	26.63 -4.31 0.04	22.17 -3.11 0.03	21.03 -2.92 0.02	21.61 -3.00 0.02	20.95 -2.97 0.02	22.48 -3.21 0.02	24.13 -3.45 0.03	24.77 -3.50 1.12	26.90 -4.39 0.09	31.67 -4.91 0.04	35.31 -5.89 4.81	45.61 -6.97 4.12	47.89 -6.09 4.61	39.79 -6.09 2.84	31.85 -5.24 0.33	28.75 -4.15 0.02
GOETHSLN___LBMP 323567	32.76 1.08 0.00	28.91 1.09 0.00	24.71 0.90 0.00	25.32 0.90 0.00	25.13 0.87 0.00	29.20 1.07 0.00	37.60 1.27 0.00	37.53 1.72 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.74 2.12 0.00	48.36 2.35 0.00	59.30 2.61 0.00	60.93 2.34 0.00	50.67 1.95 0.00	38.80 1.38 0.00	34.30 1.38 0.00
GOLAH___69_KV_TB 1_2 80279	29.69 -2.00 0.00	25.79 -2.03 0.00	22.24 -1.57 0.00	22.78 -1.64 0.00	22.68 -1.58 0.00	26.21 -1.91 0.00	32.46 -2.33 1.54	32.80 -2.36 0.65	29.05 -1.92 0.00	24.10 -1.22 0.00	22.82 -1.15 0.00	23.47 -1.16 0.00	22.77 -1.17 0.00	24.51 -1.21 0.00	26.28 -1.33 0.00	27.21 -1.91 0.27	29.45 -1.91 0.02	34.64 -1.98 0.01	41.40 -2.48 2.13	51.00 -2.61 3.09	52.44 -2.64 3.51	43.77 -2.83 2.13	35.24 -1.95 0.23	31.14 -1.78 0.00
GOODYEAR_LAKE_HYD 323669	32.32 0.63 0.00	28.35 0.53 0.00	24.24 0.43 0.00	24.88 0.46 0.00	24.74 0.49 0.00	28.69 0.56 0.00	37.17 0.84 0.00	36.52 0.72 0.00	31.47 0.50 0.00	25.62 0.30 0.00	24.24 0.26 0.00	24.90 0.27 0.00	24.28 0.34 0.00	26.10 0.39 0.00	28.02 0.41 0.00	29.89 0.50 0.00	31.92 0.53 0.00	37.28 0.66 0.00	47.17 1.15 -0.01	58.40 1.70 0.00	60.46 1.87 0.00	50.14 1.41 0.00	38.38 0.97 0.00	33.71 0.79 0.00

GOUDEY___1 345031	31.08 -0.60 0.00	27.26 -0.56 0.00	23.38 -0.43 0.00	23.97 -0.44 0.00	23.84 -0.41 0.00	27.62 -0.51 0.00	37.30 -0.18 -1.15	36.04 -0.25 -0.48	30.73 -0.25 0.00	24.99 -0.33 0.00	23.64 -0.34 0.00	24.26 -0.37 0.00	23.61 -0.34 0.00	25.35 -0.36 0.00	27.22 -0.39 0.00	29.30 -0.29 -0.20	31.15 -0.25 -0.01	36.33 -0.29 0.00	46.20 -0.18 -0.37	56.36 0.00 0.34	58.06 -0.12 0.41	48.24 -0.24 0.23	37.09 -0.30 0.02	32.53 -0.40 0.00
GOUDEY___7 23579	31.08 -0.60 0.00	27.26 -0.56 0.00	23.38 -0.43 0.00	23.97 -0.44 0.00	23.84 -0.41 0.00	27.62 -0.51 0.00	37.30 -0.18 -1.15	36.04 -0.25 -0.48	30.73 -0.25 0.00	24.99 -0.33 0.00	23.64 -0.34 0.00	24.26 -0.37 0.00	23.61 -0.34 0.00	25.35 -0.36 0.00	27.22 -0.39 0.00	29.30 -0.29 -0.20	31.15 -0.25 -0.01	36.33 -0.29 0.00	46.20 -0.18 -0.37	56.36 0.00 0.34	58.06 -0.12 0.41	48.24 -0.24 0.23	37.09 -0.30 0.02	32.53 -0.40 0.00
GOUDEY___8 23580	31.08 -0.60 0.00	27.26 -0.56 0.00	23.38 -0.43 0.00	23.97 -0.44 0.00	23.84 -0.41 0.00	27.62 -0.51 0.00	37.30 -0.18 -1.15	36.04 -0.25 -0.48	30.73 -0.25 0.00	24.99 -0.33 0.00	23.64 -0.34 0.00	24.26 -0.37 0.00	23.61 -0.34 0.00	25.35 -0.36 0.00	27.22 -0.39 0.00	29.30 -0.29 -0.20	31.15 -0.25 -0.01	36.33 -0.29 0.00	46.20 -0.18 -0.37	56.36 0.00 0.34	58.06 -0.12 0.41	48.24 -0.24 0.23	37.09 -0.30 0.02	32.53 -0.40 0.00
GOWANUS_GT1_1 24077	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 -1.74 0.00
GOWANUS_GT1_2 24078	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 -1.74 0.00
GOWANUS_GT1_3 24079	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 0.00	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 -1.74 0.00
GOWANUS_GT1_4 24080	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 -1.74 0.00
GOWANUS_GT1_5 24084	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 -1.74 0.00
GOWANUS_GT1_6 24111	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 -1.74 0.00
GOWANUS_GT1_7 24112	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 -1.74 0.00
GOWANUS_GT1_8 24113	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 -1.74 0.00
GOWANUS_GT2_1 24114	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 -1.74 0.00
GOWANUS_GT2_2 24115	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 -1.74 0.00
GOWANUS_GT2_3 24116	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 -1.74 0.00
GOWANUS_GT2_4 24117	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 0.00	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 -1.74 0.00

GOWANUS_GT2_5 24118	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT2_6 24119	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT2_7 24120	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT2_8 24121	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT3_1 24122	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT3_2 24123	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT3_3 24124	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT3_4 24125	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT3_5 24126	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT3_6 24127	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT3_7 24128	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT3_8 24129	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	25.00 <u>1.19</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.60</u> 0.00	25.39 <u>1.41</u> 0.00	26.08 <u>1.45</u> 0.00	25.43 <u>1.48</u> 0.00	27.29 <u>1.57</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.24 <u>1.85</u> 0.00	38.89 <u>2.27</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.28 <u>2.70</u> 0.00	51.01 <u>2.29</u> 0.00	39.06 <u>1.64</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT4_1 24130	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	24.95 <u>1.14</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.59</u> 0.00	25.39 <u>1.41</u> 0.00	26.06 <u>1.43</u> 0.00	25.43 <u>1.48</u> 0.00	27.27 <u>1.54</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.27 <u>1.88</u> 0.00	39.04 <u>2.42</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.05 <u>2.46</u> 0.00	50.96 <u>2.24</u> 0.00	39.10 <u>1.68</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT4_2 24131	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	24.95 <u>1.14</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.59</u> 0.00	25.39 <u>1.41</u> 0.00	26.06 <u>1.43</u> 0.00	25.43 <u>1.48</u> 0.00	27.27 <u>1.54</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.27 <u>1.88</u> 0.00	39.04 <u>2.42</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.05 <u>2.46</u> 0.00	50.96 <u>2.24</u> 0.00	39.10 <u>1.68</u> 0.00	34.66 <u>1.74</u> 0.00
GOWANUS_GT4_3 24132	33.17 <u>1.49</u> 0.00	29.24 <u>1.42</u> 0.00	24.95 <u>1.14</u> 0.00	25.56 <u>1.15</u> 0.00	25.37 <u>1.12</u> 0.00	29.39 <u>1.27</u> 0.00	37.79 <u>1.45</u> 0.00	37.60 <u>1.79</u> 0.00	32.68 <u>1.70</u> 0.00	26.91 <u>1.59</u> 0.00	25.39 <u>1.41</u> 0.00	26.06 <u>1.43</u> 0.00	25.43 <u>1.48</u> 0.00	27.27 <u>1.54</u> -0.01	29.41 <u>1.79</u> -0.01	31.43 <u>2.03</u> -0.01	33.27 <u>1.88</u> 0.00	39.04 <u>2.42</u> 0.00	48.54 <u>2.53</u> 0.00	59.42 <u>2.72</u> 0.00	61.05 <u>2.46</u> 0.00	50.96 <u>2.24</u> 0.00	39.10 <u>1.68</u> 0.00	34.66 <u>1.74</u> 0.00

GOWANUS_GT4_4 24133	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 1.74 0.00
GOWANUS_GT4_5 24134	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 1.74 0.00
GOWANUS_GT4_6 24135	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 1.74 0.00
GOWANUS_GT4_7 24136	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 1.74 0.00
GOWANUS_GT4_8 24137	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 1.74 0.00
GREENBSH_115KV_TB3 55895	32.28 0.60 0.00	28.46 0.64 0.00	24.36 0.55 0.00	24.97 0.56 0.00	24.79 0.53 0.00	28.72 0.59 0.00	36.84 0.51 0.00	36.20 0.39 0.00	31.22 0.25 0.00	25.42 0.10 0.00	24.12 0.14 0.00	24.83 0.20 0.00	24.11 0.17 0.00	25.92 0.21 0.00	27.83 0.22 0.00	29.78 0.38 0.00	31.70 0.31 0.00	37.13 0.51 0.00	46.52 0.51 0.00	57.26 0.57 0.00	59.11 0.53 0.00	49.26 0.54 0.00	37.97 0.56 0.00	33.71 0.79 0.00
GREENDGE_115KV_TB5 80291	31.46 -0.22 0.00	27.57 -0.25 0.00	23.64 -0.17 0.00	24.24 -0.17 0.00	24.18 -0.07 0.00	28.09 -0.06 -0.02	51.26 0.62 -14.31	41.91 0.11 -6.00	30.99 -0.03 -0.04	25.07 -0.28 -0.03	23.66 -0.31 0.00	24.26 -0.37 0.00	23.58 -0.36 0.00	25.35 -0.36 0.00	27.24 -0.39 -0.02	31.58 -0.32 -2.51	31.39 -0.16 -0.17	36.67 0.00 -0.05	54.33 0.60 -7.72	60.83 1.53 -2.61	62.91 1.58 -2.75	51.56 1.02 -1.81	38.22 0.60 -0.21	33.19 0.23 -0.04
GREENIDGE___3 23582	31.46 -0.22 0.00	27.57 -0.25 0.00	23.64 -0.17 0.00	24.24 -0.17 0.00	24.18 -0.07 0.00	28.09 -0.06 -0.02	51.26 0.62 -14.31	41.91 0.11 -6.00	30.99 -0.03 -0.04	25.07 -0.28 -0.03	23.66 -0.31 0.00	24.26 -0.37 0.00	23.58 -0.36 0.00	25.35 -0.36 0.00	27.24 -0.39 -0.02	31.58 -0.32 -2.51	31.39 -0.16 -0.17	36.67 0.00 -0.05	54.33 0.60 -7.72	60.83 1.53 -2.61	62.91 1.58 -2.75	51.56 1.02 -1.81	38.22 0.60 -0.21	33.19 0.23 -0.04
GREENIDGE___4 23583	31.46 -0.22 0.00	27.54 -0.28 0.00	23.59 -0.21 0.00	24.24 -0.17 0.00	24.18 -0.07 0.00	28.09 -0.06 -0.02	51.26 0.62 -14.31	41.91 0.11 -6.00	30.99 -0.03 -0.04	25.07 -0.28 -0.03	23.66 -0.31 0.00	24.26 -0.37 0.00	23.58 -0.36 0.00	25.35 -0.36 0.00	27.24 -0.39 -0.02	31.58 -0.32 -2.51	31.39 -0.16 -0.17	36.71 0.04 -0.05	54.33 0.60 -7.72	60.83 1.53 -2.61	62.56 1.23 -2.75	51.51 0.97 -1.81	38.18 0.56 -0.21	33.16 0.20 -0.04
GREENLWN_69_KV_BK 3 55738	34.86 1.96 -1.21	30.34 1.84 -0.68	27.14 1.57 -1.76	26.32 1.61 -0.29	27.95 1.55 -2.15	33.53 1.86 -3.54	42.22 2.36 -3.53	40.67 2.65 -2.22	32.96 1.98 0.00	27.06 1.75 0.00	25.81 1.82 -0.02	26.45 1.82 0.00	25.76 1.82 0.00	29.00 1.93 -1.35	38.19 2.15 -8.44	38.41 2.38 -6.63	34.12 2.29 -0.44	42.65 2.86 -3.17	55.70 3.17 -6.51	60.38 3.69 0.00	62.62 3.46 -0.58	55.22 2.97 -3.52	48.04 2.43 -8.20	42.00 2.24 -6.84
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 1.74 0.00
GRISSOM___SOLAR 323813	32.76 1.08 0.00	28.82 1.00 0.00	24.64 0.83 0.00	25.27 0.85 0.00	25.12 0.87 0.00	29.20 1.07 0.00	37.42 1.09 0.00	36.34 0.54 0.00	31.07 0.09 0.00	25.11 -0.20 0.00	23.71 -0.26 0.00	24.38 -0.25 0.00	23.73 -0.22 0.00	25.51 -0.21 0.00	27.36 -0.25 0.00	29.40 0.00 0.00	31.48 0.09 0.00	37.06 0.44 0.00	47.26 1.24 0.00	58.97 2.27 0.00	61.16 2.57 0.00	50.86 2.14 0.00	38.95 1.53 0.00	34.27 1.35 0.00
GROVEVILLE___HYD 323602	33.01 1.33 0.00	29.10 1.28 0.00	24.88 1.07 0.00	25.49 1.07 0.00	25.30 1.04 0.00	29.39 1.27 0.00	37.97 1.63 0.00	37.49 1.68 0.00	32.46 1.49 0.00	26.48 1.16 0.00	25.03 1.05 0.00	25.66 1.03 0.00	24.97 1.03 0.00	26.82 1.11 0.00	28.93 1.33 0.00	30.98 1.59 0.00	32.95 1.57 0.00	38.78 2.16 0.00	48.73 2.71 0.00	59.93 3.23 0.00	61.69 3.11 0.00	51.26 2.53 0.00	39.21 1.80 0.00	34.53 1.61 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.27 -0.41 0.00	27.43 -0.39 0.00	23.50 -0.31 0.00	24.10 -0.32 0.00	23.96 -0.29 0.00	27.79 -0.34 0.00	36.01 -0.33 0.00	35.34 -0.47 0.00	30.57 -0.40 0.00	24.99 -0.33 0.00	23.66 -0.31 0.00	24.31 -0.32 0.00	23.63 -0.31 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	28.98 -0.41 0.00	31.04 -0.35 0.00	36.14 -0.48 0.00	45.41 -0.60 0.00	56.19 -0.51 0.00	58.06 -0.53 0.00	48.19 -0.54 0.00	37.04 -0.37 0.00	32.49 -0.43 0.00
HAMLTNNY_34_KV_TB 80303	31.24 -0.44 0.00	27.38 -0.45 0.00	23.45 -0.36 0.00	24.05 -0.37 0.00	23.91 -0.34 0.00	27.76 -0.37 0.00	35.93 -0.40 0.00	35.23 -0.57 0.00	30.54 -0.43 0.00	24.96 -0.35 0.00	23.64 -0.34 0.00	24.29 -0.34 0.00	23.61 -0.34 0.00	25.41 -0.31 0.00	27.25 -0.36 0.00	28.90 -0.50 0.00	30.98 -0.41 0.00	36.11 -0.51 0.00	45.37 -0.64 0.00	56.24 -0.45 0.00	58.12 -0.47 0.00	48.14 -0.58 0.00	37.00 -0.41 0.00	32.49 -0.43 0.00

HAMPSHIRE___PAPER_HYD 323593	31.65 -0.03 0.00	27.66 -0.17 0.00	23.59 -0.21 0.00	24.27 -0.15 0.00	24.11 -0.14 0.00	27.96 -0.17 0.00	36.19 -0.14 0.00	35.45 -0.36 0.00	30.48 -0.50 0.00	24.81 -0.51 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.30 -0.65 0.00	24.97 -0.75 0.00	26.78 -0.83 0.00	28.28 -1.12 0.00	30.16 -1.22 0.00	35.12 -1.50 0.00	44.68 -1.34 0.00	55.56 -1.13 0.00	58.18 -0.41 0.00	48.28 -0.44 0.00	37.11 -0.30 0.00	32.76 -0.16 0.00
HARDSCRABBLE_WT_PWR 323673	33.14 1.46 0.00	29.07 1.25 0.00	24.88 1.07 0.00	25.51 1.10 0.00	25.35 1.09 0.00	29.36 1.24 0.00	38.04 1.71 0.00	37.42 1.61 0.00	32.28 1.30 0.00	26.30 0.99 0.00	24.84 0.86 0.00	25.49 0.86 0.00	24.76 0.81 0.00	26.43 0.72 0.00	28.35 0.75 0.00	30.10 0.70 0.00	32.14 0.75 0.00	37.54 0.92 0.00	47.39 1.38 0.00	58.63 1.93 0.00	60.69 2.11 0.00	50.62 1.90 0.00	39.02 1.61 0.00	34.40 1.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.70 1.01 0.00	28.82 1.00 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.60 1.27 0.00	37.27 1.47 0.00	32.28 1.30 0.00	26.43 1.11 0.00	24.98 1.01 0.00	25.62 0.99 0.00	24.95 1.01 0.00	26.74 1.03 0.00	28.85 1.24 0.00	30.81 1.41 0.00	32.73 1.35 0.00	38.45 1.83 0.00	48.22 2.21 0.00	59.30 2.61 0.00	60.99 2.40 0.00	50.67 1.95 0.00	38.83 1.42 0.00	34.20 1.28 0.00
HARSNRAD_115KV_TB1 81005	27.82 -3.87 0.00	24.09 -3.73 0.00	20.90 -2.90 0.00	21.34 -3.08 0.00	21.32 -2.93 0.00	24.49 -3.63 0.01	26.29 -3.74 6.30	29.47 -3.69 2.65	27.67 -3.28 0.02	22.90 -2.40 0.01	21.70 -2.28 0.00	22.26 -2.36 0.00	21.64 -2.30 0.00	23.22 -2.49 0.00	24.89 -2.71 0.01	25.22 -3.06 1.11	27.95 -3.36 0.08	32.94 -3.66 0.02	36.90 -4.37 4.75	47.33 -5.27 4.09	48.39 -5.62 4.57	40.68 -5.21 2.82	33.14 -3.97 0.31	29.34 -3.56 0.02
HARZA MOOSE___RIVER 24016	32.00 0.32 0.00	27.99 0.17 0.00	23.93 0.12 0.00	24.58 0.17 0.00	24.45 0.19 0.00	28.32 0.20 0.00	36.73 0.40 0.00	35.99 0.18 0.00	30.91 -0.06 0.00	25.14 -0.18 0.00	23.78 -0.19 0.00	24.38 -0.25 0.00	23.70 -0.24 0.00	25.48 -0.23 0.00	27.33 -0.28 0.00	28.92 -0.47 0.00	30.91 -0.47 0.00	36.03 -0.59 0.00	45.78 -0.23 0.00	57.04 0.34 0.00	59.47 0.88 0.00	49.26 0.54 0.00	37.79 0.37 0.00	33.28 0.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.05 -0.63 0.00	27.21 -0.61 0.00	23.33 -0.48 0.00	23.90 -0.51 0.00	23.77 -0.49 0.00	27.59 -0.53 0.00	35.71 -0.62 0.00	35.09 -0.72 0.00	30.39 -0.59 0.00	24.86 -0.46 0.00	23.54 -0.43 0.00	24.19 -0.44 0.00	23.51 -0.43 0.00	25.30 -0.41 0.00	27.14 -0.47 0.00	28.84 -0.56 0.00	30.85 -0.53 0.00	35.92 -0.70 0.00	44.60 -0.92 0.50	54.71 -0.91 1.08	56.35 -1.00 1.24	47.05 -0.93 0.74	36.62 -0.71 0.08	32.23 -0.69 0.00
HELLGATE_13_KV_LD 55870	33.11 1.43 0.00	29.18 1.36 0.00	24.93 1.12 0.00	25.54 1.12 0.00	25.34 1.09 0.00	29.45 1.32 0.00	37.86 1.53 0.00	37.74 1.93 0.00	32.87 1.89 0.00	27.04 1.72 0.00	25.53 1.56 0.00	26.21 1.58 0.00	25.55 1.60 0.00	27.39 1.67 -0.01	29.55 1.93 -0.01	31.55 2.15 -0.01	33.36 1.98 0.00	39.11 2.49 0.00	48.59 2.58 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.91 2.19 0.00	39.02 1.61 0.00	34.60 1.68 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.11 1.43 0.00	29.18 1.36 0.00	24.93 1.12 0.00	25.54 1.12 0.00	25.34 1.09 0.00	29.45 1.32 0.00	37.86 1.53 0.00	37.74 1.93 0.00	32.87 1.89 0.00	27.04 1.72 0.00	25.53 1.56 0.00	26.21 1.58 0.00	25.55 1.60 0.00	27.39 1.67 -0.01	29.55 1.93 -0.01	31.55 2.15 -0.01	33.36 1.98 0.00	39.11 2.49 0.00	48.59 2.58 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.91 2.19 0.00	39.02 1.61 0.00	34.60 1.68 0.00
HEMPSTEAD___ 23647	34.57 1.68 -1.21	30.09 1.59 -0.68	26.95 1.38 -1.76	26.05 1.34 -0.29	27.73 1.33 -2.15	33.24 1.57 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.74 1.76 0.00	26.91 1.60 0.00	25.62 1.63 -0.02	26.26 1.63 0.00	25.57 1.63 0.00	28.79 1.72 -1.35	38.00 1.96 -8.44	38.23 2.21 -6.63	33.90 2.07 -0.44	42.24 2.45 -3.17	55.56 3.04 -6.51	60.28 3.57 -0.01	62.74 3.57 -0.58	55.07 2.82 -3.52	47.74 2.13 -8.20	41.70 1.94 -6.84
HICKLING___1 23621	30.92 -0.76 0.00	27.04 -0.78 0.00	23.26 -0.55 0.00	23.85 -0.56 0.00	23.79 -0.46 0.00	27.57 -0.56 -0.01	43.67 0.15 -7.20	38.46 -0.36 -3.02	30.60 -0.40 -0.02	24.77 -0.56 -0.01	23.40 -0.58 0.00	23.99 -0.64 0.00	23.34 -0.60 0.00	25.07 -0.64 0.00	26.90 -0.72 -0.01	29.98 -0.68 -1.26	30.93 -0.53 -0.08	36.21 -0.44 -0.03	49.59 0.00 -3.57	58.18 0.85 -0.64	60.07 0.88 -0.61	49.56 0.39 -0.45	37.54 0.07 -0.06	32.71 -0.23 -0.02
HICKLING___2 23622	30.92 -0.76 0.00	27.04 -0.78 0.00	23.26 -0.55 0.00	23.85 -0.56 0.00	23.79 -0.46 0.00	27.57 -0.56 -0.01	43.67 0.15 -7.20	38.46 -0.36 -3.02	30.60 -0.40 -0.02	24.77 -0.56 -0.01	23.40 -0.58 0.00	23.99 -0.64 0.00	23.34 -0.60 0.00	25.07 -0.64 0.00	26.90 -0.72 -0.01	29.98 -0.68 -1.26	30.93 -0.53 -0.08	36.21 -0.44 -0.03	49.59 0.00 -3.57	58.18 0.85 -0.64	60.07 0.88 -0.61	49.56 0.39 -0.45	37.54 0.07 -0.06	32.71 -0.23 -0.02
HIGH FALLS___HY 23754	32.86 1.17 0.00	28.91 1.09 0.00	24.71 0.90 0.00	25.34 0.93 0.00	25.13 0.87 0.00	29.20 1.07 0.00	37.82 1.49 0.00	37.42 1.61 0.00	32.40 1.42 0.00	26.51 1.19 0.00	25.03 1.05 0.00	25.66 1.03 0.00	25.00 1.05 0.00	26.82 1.11 0.00	28.93 1.33 0.00	30.89 1.50 0.00	32.86 1.48 0.00	38.67 2.05 0.00	48.63 2.62 0.00	59.87 3.18 0.00	61.57 2.99 0.00	51.11 2.39 0.00	39.06 1.65 0.00	34.34 1.42 0.00
HIGH_RIVER___SOLAR 323847	32.54 0.86 0.00	28.63 0.81 0.00	24.47 0.67 0.00	25.09 0.68 0.00	24.93 0.68 0.00	28.94 0.82 0.00	37.24 0.91 0.00	36.34 0.54 0.00	31.13 0.16 0.00	25.24 -0.08 0.00	23.86 -0.12 0.00	24.51 -0.12 0.00	23.82 -0.12 0.00	25.64 -0.08 0.00	27.49 -0.11 0.00	29.45 0.06 0.00	31.54 0.16 0.00	37.17 0.55 0.00	47.11 1.10 0.00	58.46 1.76 0.00	60.58 1.99 0.00	50.38 1.66 0.00	38.57 1.16 0.00	33.97 1.05 0.00
HILLBURN___GT 23639	32.70 1.01 0.00	28.85 1.03 0.00	24.71 0.90 0.00	25.27 0.85 0.00	25.10 0.85 0.00	29.11 0.98 0.00	37.60 1.27 0.00	37.35 1.54 0.00	32.37 1.40 0.00	26.58 1.27 0.00	25.13 1.15 0.00	25.76 1.13 0.00	25.09 1.15 0.00	26.90 1.18 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.83 1.44 0.00	38.41 1.79 0.00	48.22 2.21 0.00	59.25 2.55 0.00	61.10 2.52 0.00	50.67 1.95 0.00	38.80 1.39 0.00	34.20 1.28 0.00
HILLSIDE_115KV_TB1 80332	30.64 -1.05 0.00	26.85 -0.97 0.00	23.07 -0.74 0.00	23.63 -0.78 0.00	23.57 -0.68 0.00	27.29 -0.84 -0.01	41.39 -0.33 -5.39	37.46 -0.61 -2.26	30.44 -0.56 -0.02	24.64 -0.68 -0.01	23.28 -0.70 0.00	23.89 -0.74 0.00	23.25 -0.69 0.00	24.94 -0.77 0.00	26.76 -0.86 -0.01	29.60 -0.73 -0.94	30.76 -0.69 -0.06	35.94 -0.70 -0.02	48.12 -0.51 -2.62	56.98 -0.06 -0.34	58.77 -0.12 -0.30	48.62 -0.34 -0.24	36.96 -0.49 -0.03	32.24 -0.69 -0.02

HISHELDN_WT_PWR 323625	28.64 -3.04 0.00	24.90 -2.92 0.00	21.45 -2.36 0.00	22.04 -2.37 0.00	22.02 -2.23 0.00	25.31 -2.79 0.03	15.41 -2.51 18.42	25.43 -2.65 7.72	28.59 -2.32 0.06	23.33 -1.95 0.04	22.10 -1.87 0.00	22.66 -1.97 0.00	22.07 -1.87 0.00	23.66 -2.06 0.00	25.34 -2.24 0.03	23.75 -2.41 3.24	28.76 -2.42 0.21	33.91 -2.64 0.07	31.57 -2.99 11.45	46.67 -3.35 6.68	47.01 -4.22 7.36	40.79 -3.31 4.62	34.28 -2.62 0.52	30.26 -2.60 0.06
HOLTSVILLE_IC_1 23690	35.30 2.41 -1.21	30.73 2.23 -0.68	27.50 1.93 -1.76	26.63 1.93 -0.29	28.29 1.89 -2.15	33.89 2.22 -3.54	42.73 2.87 -3.53	41.18 3.15 -2.22	33.27 2.29 0.00	27.34 2.03 0.00	26.10 2.11 -0.02	26.72 2.09 0.00	26.00 2.06 0.00	29.30 2.24 -1.35	38.53 2.49 -8.44	38.73 2.70 -6.63	34.37 2.54 -0.44	42.75 2.96 -3.17	56.25 3.73 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.95 3.70 -3.52	48.45 2.84 -8.20	42.39 2.63 -6.84
HOLTSVILLE_IC_10 23699	35.46 2.57 -1.21	30.86 2.36 -0.68	27.62 2.05 -1.76	26.76 2.05 -0.29	28.41 2.01 -2.15	34.03 2.36 -3.54	42.95 3.09 -3.53	41.39 3.36 -2.22	33.42 2.45 0.00	27.47 2.15 0.00	26.24 2.25 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.43 2.36 -1.35	38.69 2.65 -8.44	38.91 2.88 -6.63	34.56 2.73 -0.44	43.01 3.22 -3.17	56.62 4.09 -6.51	61.36 4.65 -0.01	63.85 4.69 -0.58	56.34 4.09 -3.52	48.71 3.10 -8.20	42.59 2.83 -6.84
HOLTSVILLE_IC_2 23691	35.30 2.41 -1.21	30.73 2.23 -0.68	27.50 1.93 -1.76	26.63 1.93 -0.29	28.29 1.89 -2.15	33.89 2.22 -3.54	42.73 2.87 -3.53	41.18 3.15 -2.22	33.27 2.29 0.00	27.34 2.03 0.00	26.10 2.11 -0.02	26.72 2.09 0.00	26.00 2.06 0.00	29.30 2.24 -1.35	38.53 2.49 -8.44	38.73 2.70 -6.63	34.37 2.54 -0.44	42.75 2.96 -3.17	56.25 3.73 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.95 3.70 -3.52	48.45 2.84 -8.20	42.39 2.63 -6.84
HOLTSVILLE_IC_3 23692	35.30 2.41 -1.21	30.73 2.23 -0.68	27.50 1.93 -1.76	26.63 1.93 -0.29	28.29 1.89 -2.15	33.89 2.22 -3.54	42.73 2.87 -3.53	41.18 3.15 -2.22	33.27 2.29 0.00	27.34 2.03 0.00	26.10 2.11 -0.02	26.72 2.09 0.00	26.00 2.06 0.00	29.30 2.24 -1.35	38.53 2.49 -8.44	38.73 2.70 -6.63	34.37 2.54 -0.44	42.75 2.96 -3.17	56.25 3.73 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.95 3.70 -3.52	48.45 2.84 -8.20	42.39 2.63 -6.84
HOLTSVILLE_IC_4 23693	35.30 2.41 -1.21	30.73 2.23 -0.68	27.50 1.93 -1.76	26.63 1.93 -0.29	28.29 1.89 -2.15	33.89 2.22 -3.54	42.73 2.87 -3.53	41.18 3.15 -2.22	33.27 2.29 0.00	27.34 2.03 0.00	26.10 2.11 -0.02	26.72 2.09 0.00	26.00 2.06 0.00	29.30 2.24 -1.35	38.53 2.49 -8.44	38.73 2.70 -6.63	34.37 2.54 -0.44	42.75 2.96 -3.17	56.25 3.73 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.95 3.70 -3.52	48.45 2.84 -8.20	42.39 2.63 -6.84
HOLTSVILLE_IC_5 23694	35.30 2.41 -1.21	30.73 2.23 -0.68	27.50 1.93 -1.76	26.63 1.93 -0.29	28.29 1.89 -2.15	33.89 2.22 -3.54	42.73 2.87 -3.53	41.18 3.15 -2.22	33.27 2.29 0.00	27.34 2.03 0.00	26.10 2.11 -0.02	26.72 2.09 0.00	26.00 2.06 0.00	29.30 2.24 -1.35	38.53 2.49 -8.44	38.73 2.70 -6.63	34.37 2.54 -0.44	42.75 2.96 -3.17	56.25 3.73 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.95 3.70 -3.52	48.45 2.84 -8.20	42.39 2.63 -6.84
HOLTSVILLE_IC_6 23695	35.46 2.57 -1.21	30.86 2.36 -0.68	27.62 2.05 -1.76	26.76 2.05 -0.29	28.41 2.01 -2.15	34.03 2.36 -3.54	42.95 3.09 -3.53	41.39 3.36 -2.22	33.42 2.45 0.00	27.47 2.15 0.00	26.24 2.25 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.43 2.36 -1.35	38.69 2.65 -8.44	38.91 2.88 -6.63	34.56 2.73 -0.44	43.01 3.22 -3.17	56.62 4.09 -6.51	61.36 4.65 -0.01	63.85 4.69 -0.58	56.34 4.09 -3.52	48.71 3.10 -8.20	42.59 2.83 -6.84
HOLTSVILLE_IC_7 23696	35.46 2.57 -1.21	30.86 2.36 -0.68	27.62 2.05 -1.76	26.76 2.05 -0.29	28.41 2.01 -2.15	34.03 2.36 -3.54	42.95 3.09 -3.53	41.39 3.36 -2.22	33.42 2.45 0.00	27.47 2.15 0.00	26.24 2.25 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.43 2.36 -1.35	38.69 2.65 -8.44	38.91 2.88 -6.63	34.56 2.73 -0.44	43.01 3.22 -3.17	56.62 4.09 -6.51	61.36 4.65 -0.01	63.85 4.69 -0.58	56.34 4.09 -3.52	48.71 3.10 -8.20	42.59 2.83 -6.84
HOLTSVILLE_IC_8 23697	35.46 2.57 -1.21	30.86 2.36 -0.68	27.62 2.05 -1.76	26.76 2.05 -0.29	28.41 2.01 -2.15	34.03 2.36 -3.54	42.95 3.09 -3.53	41.39 3.36 -2.22	33.42 2.45 0.00	27.47 2.15 0.00	26.24 2.25 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.43 2.36 -1.35	38.69 2.65 -8.44	38.91 2.88 -6.63	34.56 2.73 -0.44	43.01 3.22 -3.17	56.62 4.09 -6.51	61.36 4.65 -0.01	63.85 4.69 -0.58	56.34 4.09 -3.52	48.71 3.10 -8.20	42.59 2.83 -6.84
HOLTSVILLE_IC_9 23698	35.46 2.57 -1.21	30.86 2.36 -0.68	27.62 2.05 -1.76	26.76 2.05 -0.29	28.41 2.01 -2.15	34.03 2.36 -3.54	42.95 3.09 -3.53	41.39 3.36 -2.22	33.42 2.45 0.00	27.47 2.15 0.00	26.24 2.25 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.43 2.36 -1.35	38.69 2.65 -8.44	38.91 2.88 -6.63	34.56 2.73 -0.44	43.01 3.22 -3.17	56.62 4.09 -6.51	61.36 4.65 -0.01	63.85 4.69 -0.58	56.34 4.09 -3.52	48.71 3.10 -8.20	42.59 2.83 -6.84
HOMER_HL_115KV_TB2 355744	28.07 -3.61 0.00	24.46 -3.37 0.00	21.24 -2.57 0.00	21.70 -2.71 0.00	21.68 -2.57 0.00	24.86 -3.26 0.00	28.39 -1.20 6.74	31.87 -1.11 2.83	30.03 -0.93 0.02	23.45 -1.85 0.01	22.20 -1.77 0.00	22.73 -1.90 0.00	22.19 -1.75 0.00	23.71 -2.01 0.00	25.41 -2.18 0.01	27.15 -1.06 1.19	30.34 -0.97 0.07	35.02 -1.57 0.03	40.15 -1.01 4.85	51.78 -1.08 3.84	52.76 -1.52 4.31	44.56 -1.51 2.65	35.02 -2.10 0.29	30.30 -2.60 0.02
HOWARD_WT_PWR 323690	30.07 -1.61 0.00	26.29 -1.53 0.00	22.60 -1.21 0.00	23.31 -1.10 0.00	23.28 -0.97 0.00	27.01 -1.15 -0.04	65.01 -0.54 -29.22	46.94 -1.11 -12.25	29.92 -1.15 -0.09	24.18 -1.19 -0.06	22.78 -1.20 0.00	23.30 -1.33 0.00	22.65 -1.29 0.00	24.30 -1.41 0.00	26.05 -1.60 -0.05	32.81 -1.71 -5.12	30.12 -1.60 -0.34	35.16 -1.57 -0.11	60.74 -1.24 -15.96	61.96 -0.51 -5.77	63.71 -1.00 -6.12	52.00 -0.73 -4.00	37.09 -0.79 -0.46	31.89 -1.12 -0.09
HQ_GEN_CEDARS 23644	31.94 0.25 0.00	27.99 0.17 0.00	23.86 0.05 0.00	24.51 0.10 0.00	24.33 0.07 0.00	28.24 0.11 0.00	36.40 0.07 0.00	35.88 0.07 0.00	31.04 0.06 0.00	25.39 0.08 0.00	24.02 0.05 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.69 -0.03 0.00	27.58 -0.03 0.00	29.34 -0.06 0.00	31.35 -0.03 0.00	36.47 -0.15 0.00	46.01 0.00 0.00	56.53 -0.17 0.00	58.47 -0.12 0.00	48.77 0.05 0.00	37.45 0.04 0.00	33.02 0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	31.94 0.25 0.00	27.99 0.17 0.00	23.88 0.07 0.00	24.51 0.10 0.00	24.33 0.07 0.00	28.24 0.11 0.00	36.30 0.07 0.10	35.98 0.07 -0.10	31.07 0.09 0.00	25.37 0.05 0.00	24.02 0.05 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.69 -0.03 0.00	27.58 -0.03 0.00	29.34 -0.06 0.00	31.35 -0.03 0.00	36.47 -0.15 0.00	46.01 0.00 0.00	56.53 -0.17 0.00	58.53 -0.06 0.00	48.77 0.05 0.00	37.45 0.04 0.00	33.02 0.10 0.00

HQ_GEN_CHPE_PROXY 323851	31.59 1.17 1.27	28.99 1.17 0.00	24.81 1.00 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.25 1.13 0.00	31.49 1.35 6.19	31.69 1.72 5.83	31.59 1.67 1.06	26.80 1.49 0.01	25.31 1.34 0.01	25.95 1.33 0.01	25.30 1.36 0.01	27.12 1.41 0.01	29.25 1.66 0.01	31.24 1.85 0.01	31.59 1.66 1.46	31.59 2.01 7.04	31.59 2.35 16.77	31.59 2.61 27.72	31.59 2.57 29.57	31.59 2.05 19.18	31.59 1.46 7.28	31.59 1.41 2.74
HQ_GEN_IMPORT 323601	31.81 0.13 0.00	27.93 0.11 0.00	23.86 0.05 0.00	24.49 0.07 0.00	24.30 0.05 0.00	28.18 0.06 0.00	36.34 0.11 0.10	36.02 0.11 -0.10	31.07 0.09 0.00	25.39 0.08 0.00	24.07 0.10 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.77 0.05 0.00	27.66 0.06 0.00	29.45 0.06 0.00	31.45 0.06 0.00	36.69 0.07 0.00	46.15 0.14 0.00	56.81 0.11 0.00	58.70 0.12 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.02 0.10 0.00
HQ_GEN_WHEEL 23651	31.81 0.13 0.00	27.93 0.11 0.00	23.86 0.05 0.00	24.49 0.07 0.00	24.30 0.05 0.00	28.18 0.06 0.00	36.34 0.11 0.10	36.02 0.11 -0.10	31.07 0.09 0.00	25.39 0.08 0.00	24.07 0.10 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.77 0.05 0.00	27.66 0.06 0.00	29.45 0.06 0.00	31.45 0.06 0.00	36.69 0.07 0.00	46.15 0.14 0.00	56.81 0.11 0.00	58.70 0.12 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.02 0.10 0.00
HUDSON AVE_GT_3 23810	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.71 1.73 0.00	26.89 1.57 0.00	25.39 1.41 0.00	26.03 1.40 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.34 1.94 0.00	33.17 1.79 0.00	38.89 2.27 0.00	48.50 2.48 0.00	59.47 2.78 0.00	61.16 2.58 0.00	50.87 2.14 0.00	38.98 1.57 0.00	34.43 1.51 0.00
HUDSON AVE_GT_4 23540	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.71 1.73 0.00	26.89 1.57 0.00	25.39 1.41 0.00	26.03 1.40 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.34 1.94 0.00	33.17 1.79 0.00	38.89 2.27 0.00	48.50 2.48 0.00	59.47 2.78 0.00	61.16 2.58 0.00	50.87 2.14 0.00	38.98 1.57 0.00	34.43 1.51 0.00
HUDSON AVE_GT_5 23657	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.71 1.73 0.00	26.89 1.57 0.00	25.39 1.41 0.00	26.03 1.40 0.00	25.38 1.44 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.34 1.94 0.00	33.17 1.79 0.00	38.89 2.27 0.00	48.50 2.48 0.00	59.47 2.78 0.00	61.16 2.58 0.00	50.87 2.14 0.00	38.98 1.57 0.00	34.43 1.51 0.00
HUDSON_AVE_10 24168	32.82 1.14 0.00	28.96 1.14 0.00	24.74 0.93 0.00	25.34 0.93 0.00	25.15 0.90 0.00	29.22 1.10 0.00	37.60 1.27 0.00	37.49 1.68 0.00	32.59 1.61 0.00	26.81 1.49 0.00	25.29 1.32 0.00	25.94 1.31 0.00	25.28 1.34 0.00	27.08 1.36 0.00	29.23 1.63 0.00	31.22 1.82 0.00	33.02 1.63 0.00	38.69 2.09 0.02	48.36 2.35 0.00	59.25 2.55 0.00	60.93 2.34 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.34 1.42 0.00
HUDSON___115KV_TB 4 355613	32.60 0.92 0.00	28.74 0.92 0.00	24.57 0.76 0.00	25.19 0.78 0.00	25.00 0.75 0.00	29.00 0.87 0.00	37.20 0.87 0.00	36.38 0.57 0.00	31.32 0.34 0.00	25.42 0.10 0.00	24.07 0.10 0.00	24.75 0.12 0.00	24.04 0.10 0.00	25.87 0.15 0.00	27.80 0.19 0.00	29.75 0.35 0.00	31.73 0.35 0.00	37.32 0.70 0.00	47.02 1.01 0.00	58.17 1.47 0.00	60.11 1.52 0.00	50.04 1.32 0.00	38.46 1.05 0.00	34.07 1.15 0.00
HUNTER MOUNT___DRP 323613	32.70 1.01 0.00	28.82 1.00 0.00	24.64 0.83 0.00	25.27 0.85 0.00	25.05 0.80 0.00	29.06 0.93 0.00	37.31 0.98 0.00	36.42 0.61 0.00	31.32 0.34 0.00	25.39 0.08 0.00	24.02 0.05 0.00	24.70 0.07 0.00	23.99 0.05 0.00	25.84 0.13 0.00	27.77 0.17 0.00	29.72 0.32 0.00	31.73 0.35 0.00	37.35 0.73 0.00	47.16 1.15 0.00	58.34 1.64 0.00	60.29 1.70 0.00	50.18 1.46 0.00	38.57 1.16 0.00	34.14 1.22 0.00
HUNTINGTON_RES_REC 323705	35.14 2.25 -1.21	30.59 2.09 -0.68	27.38 1.81 -1.76	26.51 1.81 -0.29	28.17 1.77 -2.15	33.75 2.08 -3.54	42.55 2.69 -3.53	40.99 2.97 -2.22	33.14 2.17 0.00	27.24 1.92 0.00	26.00 2.01 -0.02	26.62 1.99 0.00	25.93 1.99 0.00	29.20 2.13 -1.35	38.44 2.40 -8.44	38.64 2.62 -6.63	34.34 2.51 -0.44	42.79 3.00 -3.17	56.21 3.68 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.76 3.51 -3.52	48.38 2.77 -8.20	42.30 2.54 -6.84
HUNTLEY___63 23557	27.88 -3.80 0.00	24.18 -3.64 0.00	20.95 -2.86 0.00	21.39 -3.03 0.00	21.37 -2.89 0.00	24.46 -3.66 0.01	25.92 -3.63 6.78	29.41 -3.54 2.85	27.70 -3.25 0.02	22.86 -2.43 0.02	21.66 -2.30 0.01	22.23 -2.39 0.01	21.64 -2.30 0.01	23.21 -2.49 0.01	24.85 -2.73 0.02	25.34 -2.85 1.20	28.05 -3.26 0.08	33.01 -3.59 0.02	36.79 -4.19 5.03	47.59 -4.93 4.17	49.17 -4.75 4.67	41.11 -4.73 2.88	33.21 -3.89 0.31	29.47 -3.42 0.02
HUNTLEY___64 23558	27.88 -3.80 0.00	24.18 -3.64 0.00	20.95 -2.86 0.00	21.39 -3.03 0.00	21.37 -2.89 0.00	24.46 -3.66 0.01	25.92 -3.63 6.78	29.41 -3.54 2.85	27.70 -3.25 0.02	22.86 -2.43 0.02	21.66 -2.30 0.01	22.23 -2.39 0.01	21.64 -2.30 0.01	23.21 -2.49 0.01	24.85 -2.73 0.02	25.34 -2.85 1.20	28.05 -3.26 0.08	33.01 -3.59 0.02	36.79 -4.19 5.03	47.59 -4.93 4.17	49.17 -4.75 4.67	41.11 -4.73 2.88	33.21 -3.89 0.31	29.47 -3.42 0.02
HUNTLEY___65 23559	27.88 -3.80 0.00	24.18 -3.64 0.00	20.95 -2.86 0.00	21.39 -3.03 0.00	21.37 -2.89 0.00	24.46 -3.66 0.01	25.92 -3.63 6.78	29.41 -3.54 2.85	27.70 -3.25 0.02	22.86 -2.43 0.02	21.66 -2.30 0.01	22.23 -2.39 0.01	21.64 -2.30 0.01	23.21 -2.49 0.01	24.85 -2.73 0.02	25.34 -2.85 1.20	28.05 -3.26 0.08	33.01 -3.59 0.02	36.79 -4.19 5.03	47.59 -4.93 4.17	49.17 -4.75 4.67	41.11 -4.73 2.88	33.21 -3.89 0.31	29.47 -3.42 0.02
HUNTLEY___66 23560	27.88 -3.80 0.00	24.18 -3.64 0.00	20.95 -2.86 0.00	21.39 -3.03 0.00	21.37 -2.89 0.00	24.46 -3.66 0.01	25.92 -3.63 6.78	29.41 -3.54 2.85	27.70 -3.25 0.02	22.86 -2.43 0.02	21.66 -2.30 0.01	22.23 -2.39 0.01	21.64 -2.30 0.01	23.21 -2.49 0.01	24.85 -2.73 0.02	25.34 -2.85 1.20	28.05 -3.26 0.08	33.01 -3.59 0.02	36.79 -4.19 5.03	47.59 -4.93 4.17	49.17 -4.75 4.67	41.11 -4.73 2.88	33.21 -3.89 0.31	29.47 -3.42 0.02
HUNTLEY___67 23561	28.01 -3.68 0.00	24.32 -3.51 0.00	21.07 -2.74 0.00	21.53 -2.88 0.00	21.49 -2.76 0.00	24.68 -3.43 0.01	25.37 -3.56 7.40	29.22 -3.47 3.11	28.07 -2.88 0.02	23.10 -2.20 0.02	21.91 -2.06 0.00	22.49 -2.14 0.00	21.86 -2.08 0.00	23.45 -2.26 0.00	25.11 -2.48 0.01	25.20 -2.88 1.31	28.38 -2.92 0.09	33.33 -3.26 0.03	36.61 -4.00 5.40	47.60 -4.76 4.33	48.82 -4.92 4.84	41.05 -4.68 2.99	33.49 -3.59 0.33	29.60 -3.29 0.02



HUNTLEY___68 23562	28.01 -3.68 0.00	24.32 -3.51 0.00	21.07 -2.74 0.00	21.53 -2.88 0.00	21.49 -2.76 0.00	24.68 -3.43 0.01	25.37 -3.56 7.40	29.22 -3.47 3.11	28.07 -2.88 0.02	23.10 -2.20 0.02	21.91 -2.06 0.00	22.49 -2.14 0.00	21.86 -2.08 0.00	23.45 -2.26 0.00	25.11 -2.48 0.01	25.20 -2.88 1.31	28.38 -2.92 0.09	33.33 -3.26 0.03	36.61 -4.00 5.40	47.60 -4.76 4.33	48.82 -4.92 4.84	41.05 -4.68 2.99	33.49 -3.59 0.33	29.60 -3.29 0.02
HYLAND___LFGE 323620	30.96 -0.73 0.00	26.88 -0.95 0.00	23.12 -0.69 0.00	23.83 -0.59 0.00	23.74 -0.51 0.00	27.58 -0.59 -0.04	61.84 -0.29 -25.80	45.69 -0.93 -10.81	29.94 -1.11 -0.08	24.30 -1.06 -0.05	22.87 -1.10 0.00	23.40 -1.23 0.00	22.72 -1.22 0.00	24.40 -1.31 0.00	26.27 -1.38 -0.04	32.21 -1.71 -4.52	30.24 -1.44 -0.30	35.55 -1.17 -0.10	58.99 -0.74 -13.72	61.60 0.62 -4.28	63.35 0.29 -4.47	51.99 0.29 -2.98	37.91 0.15 -0.35	32.67 -0.33 -0.08
INDECK___CORINTH 23802	32.82 1.14 0.00	28.91 1.08 0.00	24.71 0.90 0.00	25.34 0.93 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.68 1.35 0.00	36.81 1.00 0.00	31.72 0.74 0.00	25.67 0.35 0.00	24.31 0.34 0.00	25.00 0.37 0.00	24.30 0.36 0.00	26.15 0.44 0.00	28.02 0.41 0.00	30.13 0.74 0.00	32.14 0.75 0.00	37.72 1.10 0.00	47.80 1.79 0.00	59.19 2.49 0.00	61.40 2.81 0.00	50.96 2.24 0.00	39.02 1.61 0.00	34.37 1.45 0.00
INDECK___ILION 23567	33.49 1.81 0.00	29.38 1.56 0.00	25.14 1.33 0.00	25.76 1.34 0.00	25.61 1.36 0.00	29.67 1.55 0.00	38.44 2.11 0.00	37.81 2.01 0.00	32.62 1.64 0.00	26.58 1.27 0.00	25.10 1.13 0.00	25.76 1.13 0.00	25.00 1.05 0.00	26.69 0.98 0.00	28.63 1.02 0.00	30.39 1.00 0.00	32.45 1.07 0.00	37.94 1.32 0.00	47.90 1.89 0.00	59.25 2.55 0.00	61.40 2.81 0.00	51.21 2.48 0.00	39.47 2.06 0.00	34.80 1.88 0.00
INDECK___OLEAN 23982	28.07 -3.61 0.00	24.45 -3.37 0.00	21.17 -2.64 0.00	21.70 -2.71 0.00	21.68 -2.57 0.00	24.86 -3.26 0.00	28.39 -1.20 6.74	31.87 -1.11 2.83	30.03 -0.93 0.02	23.53 -1.77 0.01	22.20 -1.77 0.00	22.73 -1.90 0.00	22.19 -1.75 0.00	23.71 -2.01 0.00	25.41 -2.18 0.01	27.15 -1.06 1.19	30.25 -1.07 0.07	35.06 -1.54 0.03	40.15 -1.01 4.85	51.78 -1.08 3.84	52.40 -1.88 4.31	44.17 -1.90 2.65	34.95 -2.17 0.29	30.20 -2.70 0.02
INDECK___OSWEGO 23783	30.86 -0.82 0.00	27.07 -0.75 0.00	23.19 -0.62 0.00	23.78 -0.63 0.00	23.65 -0.61 0.00	27.43 -0.70 0.00	35.46 -0.87 0.00	34.88 -0.93 0.00	30.17 -0.81 0.00	24.66 -0.66 0.00	23.35 -0.62 0.00	23.97 -0.66 0.00	23.32 -0.62 0.00	25.07 -0.64 0.00	26.92 -0.69 0.00	28.57 -0.82 0.00	30.57 -0.82 0.00	35.60 -1.03 0.00	46.08 -1.43 -1.50	58.36 -1.59 -3.25	60.61 -1.70 -3.73	49.54 -1.41 -2.24	36.60 -1.05 -0.24	31.93 -0.99 0.00
INDECK___YERKES 23781	27.88 -3.80 0.00	24.18 -3.64 0.00	20.83 -2.98 0.00	21.41 -3.00 0.00	21.39 -2.86 0.00	24.49 -3.63 0.01	25.92 -3.63 6.78	29.45 -3.51 2.85	27.73 -3.22 0.02	22.84 -2.46 0.02	21.69 -2.28 0.01	22.21 -2.41 0.01	21.64 -2.30 0.01	23.19 -2.52 0.01	24.88 -2.70 0.02	25.34 -2.85 1.20	28.11 -3.20 0.08	33.09 -3.52 0.02	36.84 -4.14 5.03	47.82 -4.71 4.17	47.83 -6.09 4.67	41.41 -4.43 2.88	33.25 -3.85 0.31	29.51 -3.39 0.02
INDIAN POINT_GT_1 24139	32.76 1.08 0.00	28.88 1.06 0.00	24.69 0.88 0.00	25.29 0.88 0.00	25.13 0.87 0.00	29.17 1.04 0.00	37.64 1.31 0.00	37.38 1.58 0.00	32.43 1.46 0.00	26.58 1.27 0.00	25.15 1.17 0.00	25.79 1.16 0.00	25.14 1.20 0.00	26.92 1.21 0.00	29.04 1.44 0.00	31.01 1.62 0.00	32.86 1.48 0.00	38.52 1.90 0.00	48.22 2.21 0.00	59.25 2.55 0.00	60.99 2.40 0.00	50.72 2.00 0.00	38.83 1.42 0.00	34.27 1.35 0.00
INDIAN POINT_GT_2 23659	32.76 1.08 0.00	28.88 1.06 0.00	24.69 0.88 0.00	25.29 0.88 0.00	25.13 0.87 0.00	29.17 1.04 0.00	37.64 1.31 0.00	37.38 1.58 0.00	32.43 1.46 0.00	26.58 1.27 0.00	25.15 1.17 0.00	25.79 1.16 0.00	25.14 1.20 0.00	26.92 1.21 0.00	29.04 1.44 0.00	31.01 1.62 0.00	32.86 1.48 0.00	38.52 1.90 0.00	48.22 2.21 0.00	59.25 2.55 0.00	60.99 2.40 0.00	50.72 2.00 0.00	38.83 1.42 0.00	34.27 1.35 0.00
INDIAN POINT_GT_3 24019	32.76 1.08 0.00	28.88 1.06 0.00	24.69 0.88 0.00	25.29 0.88 0.00	25.13 0.87 0.00	29.17 1.04 0.00	37.64 1.31 0.00	37.38 1.58 0.00	32.43 1.46 0.00	26.58 1.27 0.00	25.15 1.17 0.00	25.79 1.16 0.00	25.14 1.20 0.00	26.92 1.21 0.00	29.04 1.44 0.00	31.01 1.62 0.00	32.86 1.48 0.00	38.52 1.90 0.00	48.22 2.21 0.00	59.25 2.55 0.00	60.99 2.40 0.00	50.72 2.00 0.00	38.83 1.42 0.00	34.27 1.35 0.00
INDIAN POINT___2 23530	32.70 1.01 0.00	28.85 1.03 0.00	24.71 0.90 0.00	25.27 0.85 0.00	25.10 0.85 0.00	29.14 1.01 0.00	37.60 1.27 0.00	37.35 1.54 0.00	32.40 1.43 0.00	26.58 1.27 0.00	25.13 1.15 0.00	25.79 1.16 0.00	25.12 1.17 0.00	26.92 1.21 0.00	29.01 1.41 0.00	30.98 1.59 0.00	32.83 1.44 0.00	38.38 1.76 0.00	48.18 2.16 0.00	59.19 2.49 0.00	61.05 2.46 0.00	50.62 1.90 0.00	38.80 1.39 0.00	34.20 1.28 0.00
INDIAN POINT___3 23531	32.73 1.05 0.00	28.85 1.03 0.00	24.69 0.88 0.00	25.29 0.88 0.00	25.10 0.85 0.00	29.14 1.01 0.00	37.60 1.27 0.00	37.38 1.58 0.00	32.40 1.42 0.00	26.58 1.27 0.00	25.13 1.15 0.00	25.79 1.16 0.00	25.12 1.17 0.00	26.92 1.21 0.00	29.01 1.41 0.00	30.98 1.59 0.00	32.86 1.48 0.00	38.52 1.90 0.00	48.22 2.21 0.00	59.19 2.49 0.00	60.93 2.34 0.00	50.67 1.95 0.00	38.80 1.38 0.00	34.24 1.32 0.00
INDIANHD_69_KV_BK1 55831	35.27 2.38 -1.21	30.70 2.20 -0.68	27.45 1.88 -1.76	26.61 1.90 -0.29	28.27 1.87 -2.15	33.86 2.19 -3.54	42.69 2.83 -3.53	41.14 3.12 -2.22	33.24 2.26 0.00	27.32 2.00 0.00	26.10 2.11 -0.02	26.72 2.09 0.00	26.03 2.08 0.00	29.30 2.24 -1.35	38.55 2.51 -8.44	38.79 2.76 -6.63	34.50 2.67 -0.44	43.05 3.26 -3.17	56.43 3.91 -6.51	61.18 4.48 0.00	63.50 4.34 -0.58	56.05 3.80 -3.52	48.57 2.96 -8.20	42.43 2.67 -6.84
INGHAM_C_115KV_TB7 356103	33.49 1.81 0.00	29.38 1.56 0.00	25.14 1.33 0.00	25.76 1.34 0.00	25.61 1.36 0.00	29.67 1.55 0.00	38.44 2.11 0.00	37.81 2.01 0.00	32.62 1.64 0.00	26.58 1.27 0.00	25.10 1.13 0.00	25.76 1.13 0.00	25.00 1.05 0.00	26.69 0.98 0.00	28.63 1.02 0.00	30.39 1.00 0.00	32.45 1.07 0.00	37.94 1.32 0.00	47.90 1.89 0.00	59.25 2.55 0.00	61.40 2.81 0.00	51.21 2.48 0.00	39.47 2.06 0.00	34.80 1.88 0.00
IP CORINTH___1 23988	32.82 1.14 0.00	28.91 1.09 0.00	24.69 0.88 0.00	25.34 0.93 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.68 1.34 0.00	36.81 1.00 0.00	31.72 0.74 0.00	25.67 0.35 0.00	24.31 0.34 0.00	24.95 0.32 0.00	24.30 0.36 0.00	26.15 0.44 0.00	28.02 0.41 0.00	30.13 0.73 0.00	32.14 0.75 0.00	37.76 1.14 0.00	47.81 1.79 0.00	59.19 2.49 0.00	61.22 2.64 0.00	51.01 2.29 0.00	39.02 1.61 0.00	34.37 1.45 0.00

IP___TICONDEROGA 23804	33.58 1.90 0.00	29.63 1.81 0.00	25.28 1.48 0.00	25.95 1.54 0.00	25.81 1.55 0.00	30.01 1.88 0.00	38.55 2.22 0.00	37.38 1.58 0.00	32.18 1.21 0.00	25.92 0.61 0.00	24.50 0.53 0.00	25.12 0.49 0.00	24.49 0.55 0.00	26.36 0.64 0.00	28.16 0.55 0.00	30.39 1.00 0.00	32.42 1.04 0.00	38.23 1.61 0.00	48.73 2.71 0.00	60.78 4.08 0.00	63.04 4.45 0.00	52.47 3.75 0.00	40.11 2.69 0.00	35.32 2.40 0.00
ISLIP_RES_REC 323679	35.62 2.73 -1.21	30.98 2.48 -0.68	27.72 2.14 -1.76	26.85 2.15 -0.29	28.54 2.13 -2.15	34.15 2.48 -3.54	43.09 3.23 -3.53	41.54 3.51 -2.22	33.55 2.57 0.00	27.57 2.25 0.00	26.34 2.35 -0.02	26.97 2.34 0.00	26.24 2.30 0.00	29.56 2.49 -1.35	38.83 2.79 -8.44	39.05 3.03 -6.63	34.71 2.89 -0.44	43.20 3.41 -3.17	56.90 4.37 -6.51	61.70 4.99 -0.01	64.20 5.04 -0.58	56.63 4.39 -3.52	48.90 3.29 -8.20	42.76 3.00 -6.84
JAMAICA__27_KV_LOAD 355505	32.92 1.24 0.00	29.05 1.22 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.34 1.21 0.00	37.60 1.27 0.00	37.49 1.68 0.00	32.62 1.64 0.00	26.94 1.62 0.00	25.29 1.32 0.00	25.94 1.31 0.00	25.31 1.36 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	32.95 1.57 0.00	38.61 2.01 0.02	48.40 2.39 0.00	59.30 2.61 0.00	60.99 2.40 0.00	50.77 2.05 0.00	39.02 1.61 0.00	34.50 1.58 0.00
JANIS___SOLAR 323808	32.22 0.54 0.00	28.18 0.36 0.00	24.12 0.31 0.00	24.78 0.37 0.00	24.66 0.41 0.00	28.61 0.48 0.00	39.67 0.98 -2.36	37.30 0.50 -0.99	31.11 0.12 -0.01	25.12 -0.20 0.00	23.66 -0.31 0.00	24.26 -0.37 0.00	23.63 -0.31 0.00	25.43 -0.28 0.00	27.33 -0.28 0.00	29.51 -0.29 -0.41	31.32 -0.09 -0.03	36.74 0.11 -0.01	47.91 0.78 -1.12	58.55 1.76 -0.09	60.52 1.87 -0.06	50.25 1.46 -0.06	38.39 0.97 -0.01	33.62 0.69 -0.01
JARVIS____ 23743	31.75 0.06 0.00	27.88 0.06 0.00	23.86 0.05 0.00	24.46 0.05 0.00	24.30 0.05 0.00	28.18 0.06 0.00	36.37 0.04 0.00	35.88 0.07 0.00	31.01 0.03 0.00	25.32 0.00 0.00	23.97 0.00 0.00	24.63 0.00 0.00	23.97 0.02 0.00	25.74 0.03 0.00	27.63 0.03 0.00	29.42 0.03 0.00	31.39 0.00 0.00	36.66 0.04 0.00	46.06 0.05 0.00	56.75 0.06 0.00	58.70 0.12 0.00	48.77 0.05 0.00	37.49 0.07 0.00	32.99 0.07 0.00
JENNISON___1 23625	32.32 0.63 0.00	28.29 0.47 0.00	24.21 0.40 0.00	24.85 0.44 0.00	24.74 0.49 0.00	28.66 0.53 0.00	38.46 1.02 -1.11	37.06 0.79 -0.47	31.48 0.50 0.00	25.55 0.23 0.00	24.09 0.12 0.00	24.73 0.10 0.00	24.09 0.14 0.00	25.90 0.18 0.00	27.83 0.22 0.00	29.85 0.26 -0.19	31.71 0.31 -0.01	37.03 0.40 0.00	47.41 0.97 -0.43	58.18 1.64 0.16	60.26 1.87 0.20	49.93 1.32 0.11	38.26 0.86 0.01	33.61 0.69 0.00
JENNISON___2 23626	32.32 0.63 0.00	28.29 0.47 0.00	24.21 0.40 0.00	24.85 0.44 0.00	24.74 0.49 0.00	28.66 0.53 0.00	38.46 1.02 -1.11	37.06 0.79 -0.47	31.48 0.50 0.00	25.55 0.23 0.00	24.09 0.12 0.00	24.73 0.10 0.00	24.09 0.14 0.00	25.90 0.18 0.00	27.83 0.22 0.00	29.85 0.26 -0.19	31.71 0.31 -0.01	37.03 0.40 0.00	47.41 0.97 -0.43	58.18 1.64 0.16	60.26 1.87 0.20	49.93 1.32 0.11	38.26 0.86 0.01	33.61 0.69 0.00
JERICHO_RISE_WT_PWR 323719	31.87 0.19 0.00	27.93 0.11 0.00	23.81 0.00 0.00	24.39 -0.02 0.00	24.20 -0.05 0.00	28.10 -0.03 0.00	36.30 -0.04 0.00	35.84 0.04 0.00	31.07 0.09 0.00	25.42 0.10 0.00	24.07 0.10 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.69 -0.03 0.00	27.58 -0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.62 0.00 0.00	46.15 0.14 0.00	56.70 0.00 0.00	58.70 0.12 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.02 0.10 0.00
KATONAH___115KV_46KV_TB4 355592	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.31 1.18 0.00	37.86 1.53 0.00	37.56 1.75 0.00	32.59 1.61 0.00	26.68 1.37 0.00	25.25 1.27 0.00	25.89 1.26 0.00	25.21 1.27 0.00	27.05 1.34 0.00	29.12 1.52 0.00	31.13 1.73 0.00	33.05 1.66 0.00	38.71 2.09 0.00	48.59 2.58 0.00	59.64 2.95 0.00	61.46 2.87 0.00	51.06 2.34 0.00	39.06 1.65 0.00	34.47 1.55 0.00
KCE_NY_1 323755	32.92 1.23 0.00	28.99 1.17 0.00	24.79 0.98 0.00	25.41 1.00 0.00	25.25 0.99 0.00	29.31 1.18 0.00	37.75 1.42 0.00	36.99 1.18 0.00	31.88 0.90 0.00	25.85 0.53 0.00	24.48 0.50 0.00	25.17 0.54 0.00	24.47 0.53 0.00	26.33 0.62 0.00	28.24 0.64 0.00	30.31 0.91 0.00	32.33 0.94 0.00	37.87 1.25 0.00	47.85 1.84 0.00	59.13 2.44 0.00	61.28 2.70 0.00	50.96 2.24 0.00	39.06 1.64 0.00	34.43 1.52 0.00
KCE_NY_6_ESR 323823	28.20 -3.49 0.00	24.45 -3.37 0.00	21.09 -2.71 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.30 -2.83 8.20	29.53 -2.83 3.44	28.59 -2.36 0.03	23.27 -2.03 0.02	22.05 -1.92 0.00	22.61 -2.02 0.00	22.02 -1.92 0.00	23.61 -2.11 0.00	25.30 -2.29 0.01	25.57 -2.38 1.45	28.94 -2.35 0.09	33.95 -2.64 0.03	37.20 -3.04 5.78	48.62 -3.68 4.40	48.92 -4.74 4.92	41.89 -3.80 3.04	34.08 -2.99 0.34	29.93 -2.96 0.03
KEDC_PORT_JEFF_GT2 24210	35.43 2.54 -1.21	30.84 2.34 -0.68	27.59 2.02 -1.76	26.73 2.03 -0.29	28.39 1.99 -2.15	34.00 2.33 -3.54	42.87 3.01 -3.53	41.32 3.29 -2.22	33.36 2.39 0.00	27.42 2.10 0.00	26.19 2.20 -0.02	26.82 2.19 0.00	26.12 2.18 0.00	29.41 2.34 -1.35	38.67 2.62 -8.44	38.88 2.85 -6.63	34.53 2.70 -0.44	42.97 3.18 -3.17	56.52 4.00 -6.51	61.24 4.54 -0.01	63.74 4.57 -0.58	56.24 4.00 -3.52	48.68 3.07 -8.20	42.56 2.80 -6.84
KEDC_PORT_JEFF_GT3 24211	35.43 2.54 -1.21	30.84 2.34 -0.68	27.59 2.02 -1.76	26.73 2.03 -0.29	28.39 1.99 -2.15	34.00 2.33 -3.54	42.87 3.01 -3.53	41.32 3.29 -2.22	33.36 2.39 0.00	27.42 2.10 0.00	26.19 2.20 -0.02	26.82 2.19 0.00	26.12 2.18 0.00	29.41 2.34 -1.35	38.67 2.62 -8.44	38.88 2.85 -6.63	34.53 2.70 -0.44	42.97 3.18 -3.17	56.52 4.00 -6.51	61.24 4.54 -0.01	63.74 4.57 -0.58	56.24 4.00 -3.52	48.68 3.07 -8.20	42.56 2.80 -6.84
KEDC_GLWD_GT4 24219	34.51 1.61 -1.21	30.03 1.53 -0.68	26.90 1.33 -1.76	26.00 1.29 -0.29	27.66 1.26 -2.15	33.19 1.52 -3.54	41.78 1.92 -3.53	40.25 2.22 -2.22	32.80 1.83 0.00	26.94 1.62 0.00	25.62 1.63 -0.02	26.26 1.63 0.00	25.57 1.63 0.00	28.79 1.72 -1.35	38.00 1.96 -8.44	38.23 2.21 -6.63	33.90 2.07 -0.44	42.28 2.49 -3.17	55.61 3.08 -6.51	60.28 3.57 -0.01	62.74 3.57 -0.58	55.07 2.82 -3.52	47.67 2.06 -8.20	41.67 1.91 -6.84
KEDC_GLWD_GT5 24220	34.51 1.61 -1.21	30.03 1.53 -0.68	26.90 1.33 -1.76	26.00 1.29 -0.29	27.66 1.26 -2.15	33.19 1.52 -3.54	41.78 1.92 -3.53	40.25 2.22 -2.22	32.80 1.83 0.00	26.94 1.62 0.00	25.62 1.63 -0.02	26.26 1.63 0.00	25.57 1.63 0.00	28.79 1.72 -1.35	38.00 1.96 -8.44	38.23 2.21 -6.63	33.90 2.07 -0.44	42.28 2.49 -3.17	55.61 3.08 -6.51	60.28 3.57 -0.01	62.74 3.57 -0.58	55.07 2.82 -3.52	47.67 2.06 -8.20	41.67 1.91 -6.84

KENSICO____ 23655	32.82 1.14 0.00	28.93 1.11 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.22 1.10 0.00	37.71 1.38 0.00	37.49 1.68 0.00	32.53 1.55 0.00	26.68 1.37 0.00	25.22 1.25 0.00	25.89 1.26 0.00	25.21 1.27 0.00	27.03 1.31 0.00	29.12 1.52 0.00	31.13 1.73 0.00	32.99 1.60 0.00	38.67 2.05 0.00	48.36 2.35 0.00	59.36 2.66 0.00	61.11 2.52 0.00	50.82 2.10 0.00	38.95 1.53 0.00	34.34 1.42 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.82 1.14 0.00	28.91 1.09 0.00	24.71 0.90 0.00	25.32 0.90 0.00	25.13 0.87 0.00	29.20 1.07 0.00	37.79 1.45 0.00	37.35 1.54 0.00	32.31 1.33 0.00	26.40 1.09 0.00	24.93 0.96 0.00	25.59 0.96 0.00	24.90 0.96 0.00	26.72 1.00 0.00	28.85 1.24 0.00	30.81 1.41 0.00	32.77 1.38 0.00	38.56 1.94 0.00	48.50 2.48 0.00	59.70 3.00 0.00	61.46 2.87 0.00	51.01 2.29 0.00	39.02 1.61 0.00	34.34 1.42 0.00
KIAC_JFK_GT1 23816	32.73 1.05 0.00	28.88 1.06 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.14 1.01 0.00	37.39 1.05 0.00	37.27 1.47 0.00	32.43 1.46 0.00	26.78 1.47 0.00	25.15 1.17 0.00	25.79 1.16 0.00	25.14 1.20 0.00	26.95 1.23 0.00	29.07 1.46 0.00	31.07 1.68 0.00	32.70 1.32 0.00	38.36 1.76 0.02	48.08 2.07 0.00	58.91 2.21 0.00	60.52 1.93 0.00	50.38 1.66 0.00	38.76 1.35 0.00	34.27 1.35 0.00
KIAC_JFK_GT2 23817	32.73 1.05 0.00	28.88 1.06 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.14 1.01 0.00	37.39 1.05 0.00	37.27 1.47 0.00	32.43 1.46 0.00	26.78 1.47 0.00	25.15 1.17 0.00	25.79 1.16 0.00	25.14 1.20 0.00	26.95 1.23 0.00	29.07 1.46 0.00	31.07 1.68 0.00	32.70 1.32 0.00	38.36 1.76 0.02	48.08 2.07 0.00	58.91 2.21 0.00	60.52 1.93 0.00	50.38 1.66 0.00	38.76 1.35 0.00	34.27 1.35 0.00
KIAC_JFK____ 323774	32.73 1.04 0.00	28.88 1.06 0.00	24.71 0.90 0.00	25.27 0.85 0.00	25.08 0.83 0.00	29.14 1.01 0.00	37.39 1.05 0.00	37.28 1.47 0.00	32.43 1.46 0.00	26.78 1.47 0.00	25.15 1.17 0.00	25.79 1.16 0.00	25.14 1.20 0.00	26.95 1.23 0.00	29.07 1.46 0.00	31.07 1.67 0.00	32.70 1.32 0.00	38.17 1.57 0.02	48.08 2.07 0.00	58.91 2.21 0.00	60.76 2.17 0.00	50.38 1.66 0.00	38.76 1.34 0.00	34.27 1.35 0.00
KINTIGH_24_KV_GSU 356498	28.64 -3.04 0.00	24.87 -2.95 0.00	21.40 -2.40 0.00	22.00 -2.42 0.00	21.92 -2.33 0.00	25.25 -2.87 0.01	28.23 -3.63 4.47	30.35 -3.58 1.87	28.08 -2.88 0.01	23.43 -1.87 0.01	22.23 -1.75 0.00	22.81 -1.82 0.00	22.17 -1.77 0.00	23.76 -1.96 0.00	25.53 -2.07 0.01	25.70 -2.91 0.78	28.48 -2.86 0.05	33.53 -3.08 0.02	37.98 -4.23 3.80	47.77 -5.10 3.83	48.07 -6.21 4.31	41.31 -4.77 2.64	33.80 -3.33 0.29	29.98 -2.93 0.01
KINTIGH____ 23543	28.64 -3.04 0.00	24.87 -2.95 0.00	21.50 -2.31 0.00	22.00 -2.42 0.00	21.92 -2.33 0.00	25.25 -2.87 0.01	28.23 -3.63 4.47	30.35 -3.58 1.87	28.08 -2.88 0.01	23.46 -1.85 0.01	22.22 -1.75 0.00	22.83 -1.80 0.00	22.17 -1.77 0.00	23.79 -1.93 0.00	25.53 -2.07 0.01	25.70 -2.91 0.78	28.38 -2.95 0.05	33.45 -3.15 0.02	37.98 -4.23 3.80	47.94 -4.93 3.83	49.18 -5.10 4.31	41.26 -4.82 2.64	33.72 -3.40 0.29	29.94 -2.96 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	32.41 0.73 0.00	28.32 0.50 0.00	24.07 0.26 0.00	24.73 0.32 0.00	24.52 0.27 0.00	28.52 0.39 0.00	36.80 0.47 0.00	36.31 0.50 0.00	31.44 0.46 0.00	25.67 0.35 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.21 0.26 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.78 0.38 0.00	31.95 0.56 0.00	37.17 0.55 0.00	47.07 1.06 0.00	57.83 1.13 0.00	59.88 1.29 0.00	49.75 1.02 0.00	38.20 0.79 0.00	33.58 0.66 0.00
LACHUTE____HYDRO 323717	33.58 1.90 0.00	29.63 1.81 0.00	25.29 1.48 0.00	25.95 1.54 0.00	25.81 1.55 0.00	30.01 1.88 0.00	38.55 2.22 0.00	37.38 1.57 0.00	32.18 1.21 0.00	25.92 0.61 0.00	24.50 0.53 0.00	25.20 0.57 0.00	24.49 0.55 0.00	26.38 0.67 0.00	28.16 0.55 0.00	30.39 1.00 0.00	32.42 1.03 0.00	38.19 1.57 0.00	48.73 2.71 0.00	60.78 4.08 0.00	63.16 4.57 0.00	52.47 3.75 0.00	40.11 2.70 0.00	35.32 2.40 0.00
LAWRNCV_115KV_TB1 80681	31.59 -0.10 0.00	27.65 -0.17 0.00	23.55 -0.26 0.00	24.22 -0.20 0.00	24.03 -0.22 0.00	27.90 -0.23 0.00	36.01 -0.33 0.00	35.38 -0.43 0.00	30.51 -0.46 0.00	24.91 -0.41 0.00	23.54 -0.43 0.00	24.21 -0.42 0.00	23.37 -0.57 0.00	24.99 -0.72 0.00	26.83 -0.77 0.00	28.40 -1.00 0.00	30.22 -1.16 0.00	35.16 -1.46 0.00	44.59 -1.43 0.00	55.00 -1.70 0.00	57.83 -0.76 0.00	48.14 -0.58 0.00	37.00 -0.41 0.00	32.66 -0.26 0.00
LEDERLE____ 23769	32.79 1.11 0.00	28.91 1.09 0.00	24.74 0.93 0.00	25.34 0.93 0.00	25.15 0.90 0.00	29.20 1.07 0.00	37.71 1.38 0.00	37.45 1.65 0.00	32.46 1.49 0.00	26.61 1.29 0.00	25.17 1.20 0.00	25.81 1.18 0.00	25.14 1.20 0.00	26.95 1.23 0.00	29.04 1.44 0.00	31.01 1.62 0.00	32.92 1.54 0.00	38.63 2.01 0.00	48.36 2.35 0.00	59.42 2.72 0.00	61.16 2.58 0.00	50.82 2.10 0.00	38.95 1.53 0.00	34.30 1.38 0.00
LIGHTHSE_115KV_TB6 355974	31.30 -0.38 0.00	27.40 -0.42 0.00	23.45 -0.36 0.00	24.07 -0.34 0.00	23.94 -0.32 0.00	27.76 -0.37 0.00	35.97 -0.36 0.00	35.27 -0.54 0.00	30.39 -0.59 0.00	24.78 -0.53 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.42 -0.53 0.00	25.20 -0.51 0.00	27.02 -0.58 0.00	28.66 -0.73 0.00	30.69 -0.69 0.00	35.70 -0.92 0.00	45.39 -0.92 -0.30	56.72 -0.62 -0.65	58.98 -0.35 -0.74	48.68 -0.49 -0.45	37.05 -0.41 -0.05	32.49 -0.43 0.00
LINDEN COGEN____ 23786	32.76 1.08 0.00	28.91 1.08 0.00	24.74 0.93 0.00	25.29 0.88 0.00	25.10 0.85 0.00	29.20 1.07 0.00	37.60 1.27 0.00	37.49 1.68 0.00	32.65 1.67 0.00	26.83 1.52 0.00	25.32 1.34 0.00	25.96 1.33 0.00	25.31 1.36 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.25 1.85 0.00	33.05 1.66 0.00	38.60 1.98 0.00	48.31 2.30 0.00	59.25 2.55 0.00	61.10 2.52 0.00	50.67 1.95 0.00	38.80 1.39 0.00	34.27 1.35 0.00
LINDHRST_69_KV_BK1 356055	35.36 2.47 -1.21	30.78 2.28 -0.68	27.50 1.93 -1.76	26.66 1.95 -0.29	28.32 1.92 -2.15	33.95 2.28 -3.54	42.80 2.94 -3.53	41.25 3.22 -2.22	33.36 2.39 0.00	27.39 2.08 0.00	26.17 2.18 -0.02	26.80 2.17 0.00	26.10 2.15 0.00	29.36 2.29 -1.35	38.64 2.59 -8.44	38.91 2.88 -6.63	34.65 2.82 -0.44	43.27 3.48 -3.17	56.80 4.28 -6.51	61.80 5.10 0.00	64.15 4.98 -0.58	56.39 4.14 -3.52	48.75 3.14 -8.20	42.56 2.80 -6.84
LIPA_MISC_IPP 23656	35.46 2.57 -1.21	30.84 2.34 -0.68	27.57 2.00 -1.76	26.73 2.03 -0.29	28.41 2.01 -2.15	34.03 2.36 -3.54	42.91 3.05 -3.53	41.35 3.33 -2.22	33.36 2.39 0.00	27.39 2.08 0.00	26.17 2.18 -0.02	26.80 2.17 0.00	26.07 2.13 0.00	29.36 2.29 -1.35	38.61 2.57 -8.44	38.76 2.73 -6.63	34.37 2.54 -0.44	42.94 3.15 -3.17	56.39 3.87 -6.51	61.01 4.31 0.00	63.33 4.16 -0.58	56.24 4.00 -3.52	48.64 3.03 -8.20	42.56 2.80 -6.84

LISF___SOLAR 323691	35.52 2.63 -1.21	30.92 2.42 -0.68	27.67 2.10 -1.76	26.81 2.10 -0.29	28.46 2.06 -2.15	34.09 2.42 -3.54	42.98 3.12 -3.53	41.43 3.40 -2.22	33.39 2.42 0.00	27.44 2.13 0.00	26.19 2.20 -0.02	26.82 2.19 0.00	26.10 2.16 0.00	29.38 2.32 -1.35	38.64 2.59 -8.44	38.79 2.76 -6.63	34.40 2.57 -0.44	42.87 3.08 -3.17	56.48 3.96 -6.51	61.13 4.43 -0.01	63.62 4.45 -0.58	56.38 4.14 -3.52	48.71 3.10 -8.20	42.62 2.86 -6.84
LITTLE FALLS___HYD 24013	33.49 1.81 0.00	29.38 1.56 0.00	25.14 1.33 0.00	25.76 1.34 0.00	25.61 1.36 0.00	29.67 1.55 0.00	38.44 2.11 0.00	37.81 2.01 0.00	32.62 1.64 0.00	26.58 1.27 0.00	25.10 1.13 0.00	25.76 1.13 0.00	25.00 1.05 0.00	26.69 0.98 0.00	28.63 1.02 0.00	30.39 1.00 0.00	32.45 1.07 0.00	37.94 1.32 0.00	47.90 1.89 0.00	59.25 2.55 0.00	61.40 2.81 0.00	51.21 2.48 0.00	39.47 2.06 0.00	34.80 1.88 0.00
LITTLRIV_115KV_TB1 356100	32.00 0.32 0.00	27.99 0.17 0.00	23.83 0.02 0.00	24.51 0.10 0.00	24.33 0.07 0.00	28.24 0.11 0.00	36.48 0.15 0.00	35.77 -0.04 0.00	30.79 -0.19 0.00	25.09 -0.23 0.00	23.71 -0.26 0.00	24.38 -0.25 0.00	23.58 -0.36 0.00	25.25 -0.46 0.00	27.11 -0.50 0.00	28.72 -0.68 0.00	30.63 -0.75 0.00	35.63 -0.99 0.00	45.28 -0.74 0.00	55.96 -0.74 0.00	58.59 0.00 0.00	48.77 0.05 0.00	37.41 0.00 0.00	33.02 0.10 0.00
LI_NEWBRDGE___DRP 323616	34.57 1.68 -1.21	30.09 1.59 -0.68	26.91 1.33 -1.76	26.05 1.34 -0.29	27.71 1.31 -2.15	33.24 1.58 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.71 1.73 0.00	26.86 1.54 0.00	25.60 1.61 -0.02	26.23 1.60 0.00	25.55 1.60 0.00	28.74 1.67 -1.35	37.95 1.90 -8.44	38.17 2.15 -6.63	33.84 2.01 -0.44	42.32 2.53 -3.17	55.42 2.90 -6.51	60.04 3.35 0.00	62.33 3.16 -0.58	54.92 2.68 -3.52	47.70 2.10 -8.20	41.70 1.94 -6.84
LOCKPORT_115KV_TB60_63_64 80432	27.75 -3.93 0.00	24.07 -3.76 0.00	20.86 -2.95 0.00	21.31 -3.10 0.00	21.27 -2.98 0.00	24.43 -3.68 0.01	26.68 -3.74 5.91	29.67 -3.65 2.48	27.61 -3.35 0.02	22.85 -2.46 0.01	21.65 -2.33 0.00	22.21 -2.41 0.00	21.59 -2.35 0.00	23.17 -2.55 0.00	24.83 -2.76 0.01	25.32 -3.03 1.05	27.89 -3.42 0.08	32.86 -3.74 0.02	37.09 -4.37 4.55	47.41 -5.27 4.01	48.42 -5.68 4.48	40.69 -5.26 2.77	33.11 -4.00 0.30	29.28 -3.62 0.02
LOCKPORT___CC1 323769	27.82 -3.87 0.00	24.09 -3.73 0.00	20.78 -3.02 0.00	21.34 -3.08 0.00	21.32 -2.94 0.00	24.49 -3.63 0.01	26.29 -3.74 6.30	29.47 -3.69 2.65	27.67 -3.28 0.02	22.87 -2.43 0.01	21.69 -2.28 0.00	22.24 -2.39 0.00	21.64 -2.30 0.00	23.19 -2.52 0.00	24.89 -2.70 0.01	25.22 -3.06 1.11	28.01 -3.29 0.08	32.97 -3.63 0.02	36.89 -4.37 4.75	46.99 -5.61 4.09	47.16 -6.85 4.57	40.54 -5.36 2.82	33.21 -3.89 0.31	29.34 -3.56 0.02
LOCKPORT___CC2 323770	27.82 -3.87 0.00	24.09 -3.73 0.00	20.78 -3.02 0.00	21.34 -3.08 0.00	21.32 -2.94 0.00	24.49 -3.63 0.01	26.29 -3.74 6.30	29.47 -3.69 2.65	27.67 -3.28 0.02	22.87 -2.43 0.01	21.69 -2.28 0.00	22.24 -2.39 0.00	21.64 -2.30 0.00	23.19 -2.52 0.00	24.89 -2.70 0.01	25.22 -3.06 1.11	28.01 -3.29 0.08	32.97 -3.63 0.02	36.89 -4.37 4.75	46.99 -5.61 4.09	47.16 -6.85 4.57	40.54 -5.36 2.82	33.21 -3.89 0.31	29.34 -3.56 0.02
LOCKPORT___CC3 323771	27.82 -3.87 0.00	24.09 -3.73 0.00	20.78 -3.02 0.00	21.34 -3.08 0.00	21.32 -2.94 0.00	24.49 -3.63 0.01	26.29 -3.74 6.30	29.47 -3.69 2.65	27.67 -3.28 0.02	22.87 -2.43 0.01	21.69 -2.28 0.00	22.24 -2.39 0.00	21.64 -2.30 0.00	23.19 -2.52 0.00	24.89 -2.70 0.01	25.22 -3.06 1.11	28.01 -3.29 0.08	32.97 -3.63 0.02	36.89 -4.37 4.75	46.99 -5.61 4.09	47.16 -6.85 4.57	40.54 -5.36 2.82	33.21 -3.89 0.31	29.34 -3.56 0.02
LOCUSVLY_69_KV_BK2 55797	34.76 1.87 -1.21	30.25 1.75 -0.68	27.05 1.48 -1.76	26.20 1.49 -0.29	27.88 1.48 -2.15	33.41 1.74 -3.54	42.08 2.22 -3.53	40.57 2.54 -2.22	32.96 1.98 0.00	27.06 1.75 0.00	25.79 1.80 -0.02	26.43 1.80 0.00	25.74 1.80 0.00	28.97 1.90 -1.35	38.22 2.18 -8.44	38.44 2.41 -6.63	34.15 2.32 -0.44	42.68 2.89 -3.17	55.93 3.40 -6.51	60.67 3.97 0.00	62.97 3.81 -0.58	55.41 3.17 -3.52	48.00 2.39 -8.20	41.93 2.17 -6.84
LONG_LAKE_PHOENIX 24014	30.80 -0.89 0.00	27.01 -0.81 0.00	23.14 -0.67 0.00	23.73 -0.68 0.00	23.60 -0.65 0.00	27.40 -0.73 0.00	35.39 -0.94 0.00	34.77 -1.04 0.00	30.11 -0.87 0.00	24.63 -0.68 0.00	23.33 -0.65 0.00	23.94 -0.69 0.00	23.27 -0.67 0.00	25.05 -0.67 0.00	26.86 -0.75 0.00	28.54 -0.85 0.00	30.54 -0.85 0.00	35.52 -1.10 0.00	45.43 -1.43 -0.84	57.00 -1.53 -1.84	59.11 -1.58 -2.10	48.57 -1.41 -1.26	36.46 -1.08 -0.13	31.90 -1.02 0.00
LOVETT___3 23632	32.70 1.01 0.00	28.82 1.00 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.57 1.24 0.00	37.35 1.54 0.00	32.37 1.39 0.00	26.56 1.24 0.00	25.13 1.15 0.00	25.76 1.13 0.00	25.09 1.15 0.00	26.90 1.18 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.83 1.44 0.00	38.49 1.87 0.00	48.13 2.12 0.00	59.13 2.44 0.00	60.81 2.23 0.00	50.62 1.90 0.00	38.76 1.35 0.00	34.20 1.28 0.00
LOVETT___4 23642	32.70 1.01 0.00	28.82 1.00 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.57 1.24 0.00	37.35 1.54 0.00	32.37 1.39 0.00	26.56 1.24 0.00	25.13 1.15 0.00	25.76 1.13 0.00	25.09 1.15 0.00	26.90 1.18 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.83 1.44 0.00	38.49 1.87 0.00	48.13 2.12 0.00	59.13 2.44 0.00	60.81 2.23 0.00	50.62 1.90 0.00	38.76 1.35 0.00	34.20 1.28 0.00
LOVETT___5 23593	32.70 1.01 0.00	28.82 1.00 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.57 1.24 0.00	37.35 1.54 0.00	32.37 1.39 0.00	26.56 1.24 0.00	25.13 1.15 0.00	25.76 1.13 0.00	25.09 1.15 0.00	26.90 1.18 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.83 1.44 0.00	38.49 1.87 0.00	48.13 2.12 0.00	59.13 2.44 0.00	60.81 2.23 0.00	50.62 1.90 0.00	38.76 1.35 0.00	34.20 1.28 0.00
LOWER RAQUET___HYD 24057	31.62 -0.06 0.00	27.66 -0.17 0.00	23.55 -0.26 0.00	24.22 -0.20 0.00	24.03 -0.22 0.00	27.90 -0.23 0.00	36.00 -0.33 0.00	35.38 -0.43 0.00	30.54 -0.43 0.00	24.88 -0.43 0.00	23.54 -0.43 0.00	24.21 -0.42 0.00	23.37 -0.57 0.00	25.00 -0.72 0.00	26.83 -0.77 0.00	28.40 -1.00 0.00	30.22 -1.16 0.00	35.15 -1.47 0.00	44.59 -1.43 0.00	55.05 -1.65 0.00	57.65 -0.94 0.00	47.99 -0.73 0.00	36.85 -0.56 0.00	32.56 -0.36 0.00
LOWER___HUDSON 24059	32.73 1.04 0.00	28.79 0.97 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.08 0.83 0.00	29.11 0.98 0.00	37.49 1.16 0.00	36.85 1.04 0.00	31.78 0.80 0.00	25.82 0.51 0.00	24.50 0.53 0.00	25.25 0.62 0.00	24.49 0.55 0.00	26.36 0.64 0.00	28.30 0.69 0.00	30.31 0.91 0.00	32.30 0.91 0.00	37.79 1.17 0.00	47.58 1.57 0.00	58.51 1.81 0.00	60.69 2.11 0.00	50.43 1.70 0.00	38.72 1.31 0.00	34.17 1.25 0.00

LOWVILLE_115KV_TB2 356335	32.00 0.32 0.00	27.96 0.14 0.00	23.88 0.07 0.00	24.56 0.15 0.00	24.40 0.15 0.00	28.30 0.17 0.00	36.70 0.36 0.00	35.91 0.11 0.00	30.76 -0.22 0.00	25.01 -0.30 0.00	23.64 -0.34 0.00	24.21 -0.42 0.00	23.49 -0.45 0.00	25.23 -0.49 0.00	27.05 -0.55 0.00	28.54 -0.85 0.00	30.51 -0.88 0.00	35.60 -1.03 0.00	45.32 -0.69 0.00	56.75 0.06 0.00	59.29 0.70 0.00	49.11 0.39 0.00	37.71 0.30 0.00	33.25 0.33 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.92 1.24 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.39 0.98 0.00	25.22 0.97 0.00	29.28 1.15 0.00	37.75 1.42 0.00	36.99 1.18 0.00	31.84 0.87 0.00	25.85 0.53 0.00	24.48 0.50 0.00	25.15 0.52 0.00	24.45 0.50 0.00	26.31 0.59 0.00	28.24 0.63 0.00	30.28 0.88 0.00	32.30 0.91 0.00	37.90 1.28 0.00	47.85 1.84 0.00	59.08 2.38 0.00	61.11 2.52 0.00	50.91 2.19 0.00	39.02 1.61 0.00	34.40 1.48 0.00
LUTHERNY_35_KV_BK2 355980	32.92 1.24 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.41 1.00 0.00	25.25 0.99 0.00	29.31 1.18 0.00	37.75 1.42 0.00	36.99 1.18 0.00	31.87 0.90 0.00	25.85 0.53 0.00	24.48 0.50 0.00	25.15 0.52 0.00	24.47 0.53 0.00	26.33 0.62 0.00	28.24 0.63 0.00	30.31 0.91 0.00	32.33 0.94 0.00	37.90 1.28 0.00	47.85 1.84 0.00	59.13 2.44 0.00	61.16 2.58 0.00	50.96 2.24 0.00	39.06 1.65 0.00	34.43 1.51 0.00
LWR__OSWEGATCHIE_HYD 23850	31.65 -0.03 0.00	27.65 -0.17 0.00	23.59 -0.21 0.00	24.27 -0.15 0.00	24.11 -0.15 0.00	27.96 -0.17 0.00	36.19 -0.15 0.00	35.45 -0.36 0.00	30.48 -0.50 0.00	24.81 -0.51 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.30 -0.65 0.00	24.97 -0.75 0.00	26.78 -0.83 0.00	28.28 -1.12 0.00	30.16 -1.22 0.00	35.12 -1.50 0.00	44.68 -1.33 0.00	55.56 -1.13 0.00	58.18 -0.41 0.00	48.28 -0.44 0.00	37.11 -0.30 0.00	32.76 -0.16 0.00
LYONS_FALL_HYD 23570	32.00 0.32 0.00	27.99 0.17 0.00	23.93 0.12 0.00	24.58 0.17 0.00	24.45 0.19 0.00	28.33 0.20 0.00	36.73 0.40 0.00	35.99 0.18 0.00	30.91 -0.06 0.00	25.14 -0.18 0.00	23.78 -0.19 0.00	24.38 -0.25 0.00	23.70 -0.24 0.00	25.48 -0.23 0.00	27.33 -0.28 0.00	28.92 -0.47 0.00	30.92 -0.47 0.00	36.07 -0.55 0.00	45.78 -0.23 0.00	57.04 0.34 0.00	59.41 0.82 0.00	49.26 0.54 0.00	37.79 0.37 0.00	33.28 0.36 0.00
MADISON__COUNTY_LFGE 323628	32.09 0.41 0.00	28.10 0.28 0.00	24.05 0.24 0.00	24.68 0.27 0.00	24.54 0.29 0.00	28.47 0.34 0.00	36.91 0.58 0.00	36.20 0.39 0.00	31.16 0.19 0.00	25.39 0.08 0.00	24.00 0.02 0.00	24.68 0.05 0.00	24.01 0.07 0.00	25.84 0.13 0.00	27.74 0.14 0.00	29.48 0.09 0.00	31.54 0.16 0.00	36.80 0.18 0.00	46.27 0.51 0.25	57.24 1.08 0.54	59.32 1.35 0.62	49.28 0.93 0.37	38.05 0.67 0.04	33.45 0.53 0.00
MALONE__115KV_TB1 356076	32.09 0.41 0.00	28.07 0.25 0.00	23.88 0.07 0.00	24.53 0.12 0.00	24.33 0.07 0.00	28.27 0.14 0.00	36.51 0.18 0.00	36.02 0.21 0.00	31.19 0.22 0.00	25.49 0.18 0.00	24.12 0.14 0.00	24.80 0.17 0.00	24.04 0.10 0.00	25.74 0.03 0.00	27.66 0.06 0.00	29.45 0.06 0.00	31.48 0.09 0.00	36.62 0.00 0.00	46.33 0.32 0.00	56.92 0.23 0.00	59.11 0.53 0.00	49.16 0.44 0.00	37.75 0.34 0.00	33.25 0.33 0.00
MAPLEWOD_115KV_TB3 80458	32.60 0.92 0.00	28.74 0.92 0.00	24.57 0.76 0.00	25.19 0.78 0.00	25.00 0.75 0.00	29.00 0.87 0.00	37.28 0.94 0.00	36.63 0.82 0.00	31.60 0.62 0.00	25.70 0.38 0.00	24.38 0.41 0.00	25.07 0.44 0.00	24.37 0.43 0.00	26.20 0.49 0.00	28.13 0.52 0.00	30.13 0.73 0.00	32.08 0.69 0.00	37.61 0.99 0.00	47.21 1.20 0.00	58.11 1.42 0.00	60.05 1.46 0.00	50.04 1.32 0.00	38.50 1.08 0.00	34.07 1.15 0.00
MAPLE_RIDGE_WT_1 323574	31.62 -0.06 0.00	27.77 -0.06 0.00	23.76 -0.05 0.00	24.36 -0.05 0.00	24.20 -0.05 0.00	28.07 -0.06 0.00	36.22 -0.11 0.00	35.70 -0.11 0.00	30.91 -0.06 0.00	25.24 -0.08 0.00	23.90 -0.07 0.00	24.51 -0.12 0.00	23.80 -0.14 0.00	25.51 -0.21 0.00	27.38 -0.22 0.00	29.13 -0.27 0.00	31.10 -0.28 0.00	36.33 -0.29 0.00	45.74 -0.27 0.00	56.36 -0.34 0.00	58.24 -0.35 0.00	48.48 -0.24 0.00	37.23 -0.19 0.00	32.79 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	31.62 -0.06 0.00	27.77 -0.06 0.00	23.76 -0.05 0.00	24.36 -0.05 0.00	24.20 -0.05 0.00	28.07 -0.06 0.00	36.22 -0.11 0.00	35.70 -0.11 0.00	30.91 -0.06 0.00	25.24 -0.08 0.00	23.90 -0.07 0.00	24.51 -0.12 0.00	23.80 -0.14 0.00	25.51 -0.21 0.00	27.38 -0.22 0.00	29.13 -0.27 0.00	31.10 -0.28 0.00	36.33 -0.29 0.00	45.74 -0.27 0.00	56.36 -0.34 0.00	58.24 -0.35 0.00	48.48 -0.24 0.00	37.23 -0.19 0.00	32.79 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	31.87 0.19 0.00	27.93 0.11 0.00	23.81 0.00 0.00	24.41 0.00 0.00	24.20 -0.05 0.00	28.10 -0.03 0.00	36.30 -0.04 0.00	35.84 0.04 0.00	31.07 0.09 0.00	25.39 0.08 0.00	24.05 0.07 0.00	24.70 0.07 0.00	23.99 0.05 0.00	25.72 0.00 0.00	27.58 -0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.58 -0.04 0.00	46.15 0.14 0.00	56.70 0.00 0.00	58.65 0.06 0.00	48.82 0.10 0.00	37.49 0.07 0.00	33.02 0.10 0.00
MARSHVLE_115KV_TB1 80742	32.57 0.89 0.00	28.66 0.83 0.00	24.48 0.67 0.00	25.12 0.71 0.00	24.98 0.73 0.00	29.03 0.90 0.00	37.17 0.84 0.00	36.09 0.29 0.00	30.82 -0.15 0.00	24.94 -0.38 0.00	23.54 -0.43 0.00	24.16 -0.47 0.00	23.54 -0.41 0.00	25.33 -0.39 0.00	27.08 -0.52 0.00	29.07 -0.32 0.00	31.17 -0.22 0.00	36.80 0.18 0.00	46.98 0.97 0.00	58.62 1.93 0.00	60.87 2.28 0.00	50.72 2.00 0.00	38.80 1.38 0.00	34.07 1.15 0.00
MARSH_HILL_WT_PWR 323713	30.07 -1.61 0.00	26.26 -1.56 0.00	22.60 -1.21 0.00	23.31 -1.10 0.00	23.28 -0.97 0.00	26.99 -1.18 -0.04	67.44 -0.62 -31.73	47.92 -1.18 -13.30	29.87 -1.21 -0.10	24.14 -1.24 -0.06	22.73 -1.25 0.00	23.25 -1.38 0.00	22.60 -1.34 0.00	24.25 -1.46 0.00	26.00 -1.66 -0.05	33.20 -1.76 -5.56	30.09 -1.66 -0.37	35.09 -1.65 -0.12	62.04 -1.34 -17.36	62.40 -0.62 -6.33	64.19 -1.11 -6.72	52.28 -0.83 -4.39	37.06 -0.86 -0.50	31.83 -1.18 -0.10
MCINTYRE_115KV_TB2 80467	32.25 0.57 0.00	28.21 0.39 0.00	24.02 0.21 0.00	24.71 0.29 0.00	24.52 0.27 0.00	28.44 0.31 0.00	36.73 0.40 0.00	35.99 0.18 0.00	30.98 0.00 0.00	25.26 -0.05 0.00	23.88 -0.10 0.00	24.56 -0.07 0.00	23.77 -0.17 0.00	25.46 -0.26 0.00	27.33 -0.28 0.00	29.04 -0.35 0.00	31.01 -0.38 0.00	36.11 -0.51 0.00	45.83 -0.18 0.00	56.58 -0.11 0.00	59.17 0.59 0.00	49.26 0.54 0.00	37.79 0.37 0.00	33.31 0.40 0.00
MECO____69_KV_BK1 80468	33.08 1.39 0.00	29.13 1.31 0.00	24.88 1.07 0.00	25.54 1.12 0.00	25.39 1.14 0.00	29.51 1.38 0.00	37.82 1.49 0.00	36.67 0.86 0.00	31.29 0.31 0.00	25.24 -0.08 0.00	23.81 -0.17 0.00	24.43 -0.20 0.00	23.80 -0.14 0.00	25.61 -0.10 0.00	27.44 -0.17 0.00	29.51 0.12 0.00	31.67 0.28 0.00	37.39 0.77 0.00	47.76 1.75 0.00	59.64 2.95 0.00	61.93 3.34 0.00	51.55 2.83 0.00	39.39 1.98 0.00	34.63 1.71 0.00

MENANDS__115KV_TB5 355628	32.51 0.82 0.00	28.63 0.81 0.00	24.50 0.69 0.00	25.12 0.71 0.00	24.93 0.68 0.00	28.92 0.79 0.00	37.09 0.76 0.00	36.49 0.68 0.00	31.50 0.53 0.00	25.62 0.30 0.00	24.31 0.34 0.00	25.00 0.37 0.00	24.30 0.36 0.00	26.13 0.41 0.00	28.05 0.44 0.00	30.01 0.62 0.00	31.98 0.60 0.00	37.43 0.81 0.00	46.93 0.92 0.00	57.77 1.08 0.00	59.64 1.05 0.00	49.75 1.02 0.00	38.31 0.90 0.00	33.94 1.02 0.00
MG INDUSTRY__DRP 24185	32.44 0.76 0.00	28.57 0.75 0.00	24.45 0.64 0.00	25.07 0.66 0.00	24.88 0.63 0.00	28.83 0.70 0.00	37.06 0.73 0.00	36.38 0.57 0.00	31.35 0.37 0.00	25.52 0.20 0.00	24.17 0.19 0.00	24.85 0.22 0.00	24.16 0.22 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.81 0.41 0.00	31.79 0.41 0.00	37.24 0.62 0.00	46.89 0.87 0.00	57.83 1.13 0.00	59.76 1.17 0.00	49.79 1.07 0.00	38.27 0.86 0.00	33.84 0.92 0.00
MID__OSWEGATCHIE_HYD 23849	31.65 -0.03 0.00	27.65 -0.17 0.00	23.59 -0.21 0.00	24.27 -0.15 0.00	24.11 -0.15 0.00	27.96 -0.17 0.00	36.19 -0.15 0.00	35.45 -0.36 0.00	30.48 -0.50 0.00	24.81 -0.51 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.30 -0.65 0.00	24.97 -0.75 0.00	26.78 -0.83 0.00	28.28 -1.12 0.00	30.16 -1.22 0.00	35.12 -1.50 0.00	44.68 -1.33 0.00	55.56 -1.13 0.00	58.18 -0.41 0.00	48.28 -0.44 0.00	37.11 -0.30 0.00	32.76 -0.16 0.00
MID__RAQUETTE_HYD 23851	31.62 -0.06 0.00	27.65 -0.17 0.00	23.55 -0.26 0.00	24.22 -0.20 0.00	24.03 -0.22 0.00	27.90 -0.23 0.00	36.01 -0.33 0.00	35.38 -0.43 0.00	30.51 -0.46 0.00	24.91 -0.41 0.00	23.54 -0.43 0.00	24.21 -0.42 0.00	23.37 -0.57 0.00	24.99 -0.72 0.00	26.83 -0.77 0.00	28.40 -1.00 0.00	30.22 -1.16 0.00	35.16 -1.46 0.00	44.59 -1.43 0.00	55.00 -1.70 0.00	57.59 -1.00 0.00	47.99 -0.73 0.00	36.85 -0.56 0.00	32.56 -0.36 0.00
MILLIKEN__1 23584	31.71 0.03 0.00	27.82 0.00 0.00	23.83 0.02 0.00	24.44 0.02 0.00	24.30 0.05 0.00	28.22 0.08 0.00	39.37 0.36 -2.68	37.00 0.07 -1.12	30.98 0.00 -0.01	25.19 -0.13 -0.01	23.83 -0.14 0.00	24.43 -0.20 0.00	23.77 -0.17 0.00	25.56 -0.15 0.00	27.44 -0.17 0.00	29.69 -0.18 -0.47	31.35 -0.06 -0.03	36.63 0.00 -0.01	47.60 0.28 -1.32	57.70 0.79 -0.21	59.66 0.88 -0.19	49.40 0.54 -0.15	37.80 0.37 -0.02	33.09 0.16 -0.01
MILLIKEN__2 23585	31.71 0.03 0.00	27.82 0.00 0.00	23.83 0.02 0.00	24.44 0.02 0.00	24.30 0.05 0.00	28.22 0.08 0.00	39.37 0.36 -2.68	37.00 0.07 -1.12	30.98 0.00 -0.01	25.19 -0.13 -0.01	23.83 -0.14 0.00	24.43 -0.20 0.00	23.77 -0.17 0.00	25.56 -0.15 0.00	27.44 -0.17 0.00	29.69 -0.18 -0.47	31.35 -0.06 -0.03	36.63 0.00 -0.01	47.60 0.28 -1.32	57.70 0.79 -0.21	59.66 0.88 -0.19	49.40 0.54 -0.15	37.80 0.37 -0.02	33.09 0.16 -0.01
MILLIKEN__DIESEL 23629	31.71 0.03 0.00	27.82 0.00 0.00	23.83 0.02 0.00	24.44 0.02 0.00	24.30 0.05 0.00	28.22 0.08 0.00	39.37 0.36 -2.68	37.00 0.07 -1.12	30.98 0.00 -0.01	25.19 -0.13 -0.01	23.83 -0.14 0.00	24.43 -0.20 0.00	23.77 -0.17 0.00	25.56 -0.15 0.00	27.44 -0.17 0.00	29.69 -0.18 -0.47	31.35 -0.06 -0.03	36.63 0.00 -0.01	47.60 0.28 -1.32	57.70 0.79 -0.21	59.66 0.88 -0.19	49.40 0.54 -0.15	37.80 0.37 -0.02	33.09 0.16 -0.01
MILLSEAT__LFGE 323607	28.48 -3.20 0.00	24.65 -3.17 0.00	21.26 -2.55 0.00	21.85 -2.56 0.00	21.80 -2.45 0.00	25.11 -3.01 0.01	28.20 -3.02 5.12	30.65 -3.01 2.15	28.20 -2.76 0.02	23.30 -2.00 0.01	22.08 -1.89 0.00	22.66 -1.97 0.00	22.02 -1.92 0.00	23.61 -2.11 0.00	25.36 -2.24 0.01	25.96 -2.53 0.90	28.56 -2.76 0.07	33.67 -2.93 0.02	38.55 -3.36 4.11	48.66 -4.19 3.85	48.95 -5.33 4.31	41.88 -4.19 2.65	34.10 -3.03 0.29	30.01 -2.90 0.02
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.79 1.11 0.00	28.91 1.09 0.00	24.71 0.90 0.00	25.32 0.90 0.00	25.15 0.90 0.00	29.20 1.07 0.00	37.68 1.34 0.00	37.42 1.61 0.00	32.46 1.49 0.00	26.61 1.29 0.00	25.17 1.20 0.00	25.81 1.18 0.00	25.16 1.22 0.00	26.98 1.26 0.00	29.07 1.46 0.00	31.04 1.65 0.00	32.92 1.54 0.00	38.56 1.94 0.00	48.31 2.30 0.00	59.30 2.61 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.87 1.46 0.00	34.30 1.38 0.00
MILLWOOD_13_KV_LOAD 356217	32.82 1.14 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.75 1.42 0.00	37.49 1.68 0.00	32.53 1.55 0.00	26.66 1.34 0.00	25.22 1.25 0.00	25.86 1.23 0.00	25.19 1.25 0.00	27.00 1.29 0.00	29.10 1.49 0.00	31.10 1.70 0.00	32.95 1.57 0.00	38.63 2.01 0.00	48.40 2.39 0.00	59.42 2.72 0.00	61.16 2.58 0.00	50.87 2.14 0.00	38.95 1.53 0.00	34.37 1.45 0.00
MODEL_CITY_ENERGY 24167	27.47 -4.21 0.00	23.82 -4.01 0.00	20.52 -3.29 0.00	21.07 -3.34 0.00	21.05 -3.20 0.00	24.18 -3.94 0.01	26.14 -4.00 6.19	29.30 -3.90 2.60	27.30 -3.66 0.02	22.59 -2.71 0.01	21.46 -2.52 0.00	21.99 -2.63 0.00	21.40 -2.54 0.00	22.94 -2.78 0.00	24.61 -2.98 0.01	25.09 -3.20 1.10	27.66 -3.64 0.09	32.53 -4.07 0.02	36.50 -4.79 4.73	46.21 -6.41 4.08	46.30 -7.73 4.55	39.86 -6.04 2.82	32.77 -4.34 0.31	28.95 -3.95 0.02
MODERN_LFGE__ 323580	27.47 -4.21 0.00	23.82 -4.01 0.00	20.52 -3.29 0.00	21.07 -3.34 0.00	21.05 -3.20 0.00	24.18 -3.94 0.01	26.14 -4.00 6.19	29.30 -3.90 2.60	27.30 -3.66 0.02	22.59 -2.71 0.01	21.46 -2.52 0.00	21.99 -2.63 0.00	21.40 -2.54 0.00	22.94 -2.78 0.00	24.61 -2.98 0.01	25.09 -3.20 1.10	27.66 -3.64 0.09	32.53 -4.07 0.02	36.50 -4.79 4.73	46.21 -6.41 4.08	46.30 -7.73 4.55	39.86 -6.04 2.82	32.77 -4.34 0.31	28.95 -3.95 0.02
MOHAWK_PAPER__DRP 24187	32.60 0.92 0.00	28.74 0.92 0.00	24.57 0.76 0.00	25.19 0.78 0.00	25.00 0.75 0.00	29.00 0.87 0.00	37.28 0.94 0.00	36.63 0.82 0.00	31.60 0.62 0.00	25.70 0.38 0.00	24.38 0.41 0.00	25.07 0.44 0.00	24.37 0.43 0.00	26.20 0.49 0.00	28.13 0.52 0.00	30.13 0.73 0.00	32.08 0.69 0.00	37.61 0.99 0.00	47.21 1.20 0.00	58.11 1.42 0.00	60.05 1.46 0.00	50.04 1.32 0.00	38.50 1.08 0.00	34.07 1.15 0.00
MOHICAN__35_KV_115KV_LD 80490	33.01 1.33 0.00	29.10 1.28 0.00	24.86 1.05 0.00	25.49 1.07 0.00	25.34 1.09 0.00	29.42 1.29 0.00	37.89 1.56 0.00	37.02 1.22 0.00	31.87 0.90 0.00	25.77 0.46 0.00	24.41 0.43 0.00	25.05 0.42 0.00	24.40 0.45 0.00	26.26 0.54 0.00	28.13 0.52 0.00	30.25 0.85 0.00	32.26 0.88 0.00	37.90 1.28 0.00	48.04 2.02 0.00	59.47 2.78 0.00	61.57 2.99 0.00	51.30 2.58 0.00	39.28 1.87 0.00	34.60 1.68 0.00
MONGAUP__HYD 23641	32.60 0.92 0.00	28.71 0.89 0.00	24.59 0.78 0.00	25.17 0.76 0.00	24.98 0.73 0.00	29.03 0.90 0.00	37.53 1.20 0.00	37.02 1.22 0.00	31.97 0.99 0.00	26.15 0.83 0.00	24.72 0.74 0.00	25.37 0.74 0.00	24.69 0.74 0.00	26.49 0.77 0.00	28.51 0.91 0.00	30.45 1.06 0.00	32.39 1.00 0.00	38.05 1.43 0.00	47.94 1.93 0.00	59.13 2.44 0.00	61.05 2.46 0.00	50.62 1.90 0.00	38.72 1.31 0.00	34.10 1.18 0.00

MONTAUK___DIESEL 23721	36.16 3.26 -1.21	31.48 2.98 -0.68	28.19 2.62 -1.76	27.39 2.69 -0.29	29.04 2.64 -2.15	34.65 2.98 -3.54	43.78 3.92 -3.53	42.29 4.26 -2.22	34.01 3.04 0.00	27.87 2.56 0.00	26.65 2.66 -0.02	27.19 2.56 0.00	26.38 2.44 0.00	29.69 2.62 -1.35	38.94 2.90 -8.44	39.05 3.03 -6.63	34.59 2.76 -0.44	43.27 3.48 -3.17	57.22 4.69 -6.51	62.14 5.44 0.00	64.38 5.21 -0.58	57.07 4.82 -3.52	49.13 3.52 -8.20	42.92 3.16 -6.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.17 -3.52 0.00	24.48 -3.34 0.00	21.28 -2.52 0.00	21.78 -2.64 0.00	21.78 -2.47 0.00	25.05 -3.07 0.01	26.55 -2.07 7.71	30.64 -1.93 3.24	29.43 -1.52 0.02	23.80 -1.49 0.02	22.53 -1.44 0.00	23.05 -1.58 0.00	22.43 -1.51 0.00	23.99 -1.72 0.00	25.63 -1.96 0.01	26.21 -1.82 1.36	29.58 -1.73 0.08	34.72 -1.87 0.03	38.72 -1.84 5.45	50.64 -1.87 4.18	51.80 -2.11 4.68	43.50 -2.34 2.89	34.92 -2.17 0.32	30.56 -2.34 0.02
MORRIS_RIDGE___SOLAR 323848	29.46 -2.22 0.00	25.71 -2.12 0.00	22.12 -1.69 0.00	22.73 -1.68 0.00	22.70 -1.55 0.00	26.16 -1.91 0.05	3.44 -1.49 31.40	20.71 -1.93 13.17	29.05 -1.83 0.10	23.58 -1.67 0.06	22.34 -1.63 0.00	22.93 -1.70 0.00	22.31 -1.63 0.00	23.94 -1.77 0.00	25.60 -1.96 0.05	21.82 -2.06 5.51	28.98 -2.04 0.36	34.34 -2.16 0.12	25.13 -2.21 18.68	45.29 -1.87 9.53	45.78 -2.40 10.40	40.27 -1.85 6.60	35.10 -1.57 0.74	31.11 -1.71 0.10
MORTIMER_115KV_TB3 55949	29.81 -1.87 0.00	25.93 -1.89 0.00	22.36 -1.45 0.00	22.90 -1.51 0.00	22.80 -1.46 0.00	26.35 -1.77 0.00	32.68 -2.33 1.33	32.92 -2.33 0.56	29.18 -1.80 0.00	24.22 -1.09 0.00	22.94 -1.03 0.00	23.60 -1.03 0.00	22.89 -1.05 0.00	24.61 -1.11 0.00	26.42 -1.19 0.00	27.31 -1.85 0.23	29.58 -1.79 0.02	34.75 -1.87 0.01	41.52 -2.48 2.01	50.99 -2.66 3.04	52.37 -2.75 3.46	43.75 -2.87 2.09	35.24 -1.95 0.22	31.11 -1.81 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.89 1.20 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.75 1.42 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.25 1.85 0.00	33.08 1.69 0.00	38.82 2.20 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.11 2.52 0.00	50.82 2.10 0.00	38.95 1.53 0.00	34.40 1.48 0.00
MUNSVILLE_WIND_PWR 323609	32.92 1.23 0.00	28.74 0.92 0.00	24.57 0.76 0.00	25.27 0.85 0.00	25.15 0.90 0.00	29.14 1.01 0.00	39.81 1.74 -1.73	37.82 1.29 -0.73	31.69 0.71 -0.01	25.57 0.25 0.00	24.07 0.10 0.00	24.73 0.10 0.00	24.11 0.17 0.00	25.95 0.23 0.00	27.88 0.28 0.00	29.96 0.26 -0.30	31.84 0.44 -0.02	37.21 0.58 -0.01	48.35 1.57 -0.77	59.44 2.78 0.04	61.68 3.16 0.07	51.09 2.39 0.02	39.10 1.69 0.00	34.24 1.32 -0.01
N SALMON___HYD 24042	32.09 0.41 0.00	28.07 0.25 0.00	23.88 0.07 0.00	24.54 0.12 0.00	24.33 0.07 0.00	28.27 0.14 0.00	36.51 0.18 0.00	36.02 0.22 0.00	31.22 0.25 0.00	25.49 0.18 0.00	24.12 0.14 0.00	24.80 0.17 0.00	24.04 0.10 0.00	25.74 0.03 0.00	27.66 0.06 0.00	29.45 0.06 0.00	31.48 0.09 0.00	36.62 0.00 0.00	46.34 0.32 0.00	56.92 0.23 0.00	59.11 0.53 0.00	49.16 0.44 0.00	37.75 0.34 0.00	33.25 0.33 0.00
N.AKRON__115KV_KNAPP 355671	28.42 -3.26 0.00	24.59 -3.23 0.00	21.33 -2.48 0.00	21.80 -2.61 0.00	21.75 -2.50 0.00	25.05 -3.07 0.01	27.95 -3.09 5.30	30.50 -3.08 2.23	28.17 -2.79 0.02	23.30 -2.00 0.01	22.05 -1.92 0.00	22.66 -1.97 0.00	22.00 -1.94 0.00	23.63 -2.08 0.00	25.33 -2.26 0.01	25.90 -2.56 0.94	28.46 -2.86 0.07	33.56 -3.04 0.02	38.35 -3.45 4.21	48.85 -3.97 3.88	49.96 -4.28 4.35	41.85 -4.19 2.68	33.94 -3.18 0.29	29.94 -2.96 0.02
N.BELMOR_69_KV_BK1 55787	34.83 1.93 -1.21	30.28 1.78 -0.68	27.10 1.52 -1.76	26.24 1.54 -0.29	27.90 1.50 -2.15	33.44 1.77 -3.54	42.15 2.29 -3.53	40.60 2.58 -2.22	32.93 1.95 0.00	27.04 1.72 0.00	25.79 1.80 -0.02	26.43 1.80 0.00	25.74 1.80 0.00	28.94 1.88 -1.35	38.19 2.15 -8.44	38.44 2.41 -6.63	34.15 2.32 -0.44	42.65 2.86 -3.17	55.97 3.45 -6.51	60.78 4.08 0.00	63.03 3.87 -0.58	55.46 3.22 -3.52	48.04 2.43 -8.20	42.00 2.24 -6.84
N.E._GEN_SANDY PD 24062	35.80 1.11 -3.01	32.06 1.03 -3.21	29.70 0.90 -4.99	29.07 0.90 -3.75	30.03 0.87 -4.91	35.00 1.04 -5.83	38.00 1.27 -0.40	37.34 1.33 -0.21	32.06 1.08 0.00	26.10 0.79 0.00	24.79 0.82 0.00	25.86 0.89 -0.34	24.78 0.84 0.00	27.22 0.92 -0.58	28.63 1.02 0.00	31.34 1.21 -0.74	33.29 1.16 -0.74	41.43 1.47 -3.34	51.00 1.84 -3.15	58.68 1.98 0.00	60.81 2.23 0.00	50.84 1.85 -0.26	45.45 1.39 -6.65	35.32 1.32 -1.08
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.73 1.05 0.00	28.85 1.03 0.00	24.69 0.88 0.00	25.29 0.88 0.00	25.10 0.85 0.00	29.14 1.01 0.00	37.60 1.27 0.00	37.35 1.54 0.00	32.37 1.39 0.00	26.56 1.24 0.00	25.10 1.13 0.00	25.76 1.13 0.00	25.09 1.15 0.00	26.90 1.18 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.83 1.44 0.00	38.52 1.90 0.00	48.22 2.21 0.00	59.25 2.55 0.00	60.93 2.34 0.00	50.67 1.95 0.00	38.83 1.42 0.00	34.24 1.32 0.00
N.QUEENS_27_KV_LOAD 356247	33.21 1.52 -0.01	29.27 1.45 0.00	25.02 1.21 0.00	25.63 1.22 0.00	25.44 1.19 0.00	29.56 1.43 0.00	38.10 1.78 0.01	37.95 2.15 0.01	32.98 2.01 0.01	26.90 1.59 0.01	25.40 1.44 0.01	26.05 1.43 0.01	25.42 1.48 0.01	27.22 1.52 0.01	29.36 1.77 0.01	31.39 2.00 0.01	33.45 2.07 0.01	39.20 2.60 0.02	48.08 2.07 0.00	58.85 2.15 0.00	60.46 1.87 0.00	50.43 1.71 0.00	38.65 1.23 0.00	34.34 1.42 0.00
N.TROY___115KV_TB1 355778	32.73 1.05 0.00	28.80 0.97 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.49 1.16 0.00	36.85 1.04 0.00	31.78 0.81 0.00	25.82 0.51 0.00	24.50 0.53 0.00	25.22 0.59 0.00	24.49 0.55 0.00	26.36 0.64 0.00	28.29 0.69 0.00	30.31 0.91 0.00	32.30 0.91 0.00	37.83 1.21 0.00	47.58 1.56 0.00	58.51 1.81 0.00	60.46 1.87 0.00	50.43 1.71 0.00	38.72 1.31 0.00	34.17 1.25 0.00
NARROWS_GT1_1 24228	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT1_2 24229	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00

NARROWS_GT1_3 24230	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT1_4 24231	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT1_5 24232	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT1_6 24233	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT1_7 24234	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT1_8 24235	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 0.00	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT2_1 24236	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT2_2 24237	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT2_3 24238	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT2_4 24239	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT2_5 24240	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT2_6 24241	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT2_7 24242	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NARROWS_GT2_8 24243	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.70 1.01 0.00	28.82 1.00 0.00	24.64 0.83 0.00	25.27 0.85 0.00	25.05 0.80 0.00	29.06 0.93 0.00	37.31 0.98 0.00	36.42 0.61 0.00	31.32 0.34 0.00	25.39 0.08 0.00	24.02 0.05 0.00	24.70 0.07 0.00	23.99 0.05 0.00	25.84 0.13 0.00	27.77 0.17 0.00	29.72 0.32 0.00	31.73 0.35 0.00	37.35 0.73 0.00	47.16 1.15 0.00	58.34 1.64 0.00	60.29 1.70 0.00	50.18 1.46 0.00	38.57 1.16 0.00	34.14 1.22 0.00



NCHELSEA_115KV_TR2 355582	32.86 1.17 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.79 1.45 0.00	37.38 1.58 0.00	32.34 1.36 0.00	26.45 1.14 0.00	25.01 1.03 0.00	25.66 1.03 0.00	24.97 1.03 0.00	26.80 1.08 0.00	28.87 1.27 0.00	30.89 1.50 0.00	32.83 1.44 0.00	38.60 1.98 0.00	48.45 2.44 0.00	59.53 2.83 0.00	61.28 2.70 0.00	50.96 2.24 0.00	38.98 1.57 0.00	34.37 1.45 0.00
NEG CAPITAL___MECHNVIL 23645	32.98 1.30 0.00	29.04 1.22 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.30 1.04 0.00	29.36 1.24 0.00	37.82 1.49 0.00	37.06 1.25 0.00	31.94 0.96 0.00	25.92 0.61 0.00	24.55 0.57 0.00	25.27 0.64 0.00	24.54 0.60 0.00	26.41 0.69 0.00	28.35 0.75 0.00	30.39 1.00 0.00	32.42 1.03 0.00	37.98 1.36 0.00	47.99 1.98 0.00	59.25 2.55 0.00	61.46 2.87 0.00	51.06 2.34 0.00	39.13 1.72 0.00	34.50 1.58 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.59 -2.09 0.00	25.79 -2.03 0.00	22.14 -1.67 0.00	22.75 -1.66 0.00	22.65 -1.60 0.00	26.21 -1.91 0.00	32.63 -2.51 1.19	32.73 -2.58 0.50	28.93 -2.05 0.00	23.95 -1.37 0.00	22.70 -1.27 0.00	23.30 -1.33 0.00	22.63 -1.32 0.00	24.30 -1.41 0.00	26.14 -1.46 0.00	27.10 -2.09 0.21	29.40 -1.98 0.01	34.49 -2.12 0.00	41.34 -2.85 1.82	50.69 -3.23 2.78	51.50 -3.92 3.16	43.69 -3.12 1.91	35.04 -2.17 0.20	30.88 -2.04 0.00
NEG CENTRAL___DRP 24199	31.43 -0.25 0.00	27.54 -0.28 0.00	23.59 -0.21 0.00	24.22 -0.20 0.00	24.11 -0.15 0.00	28.02 -0.11 -0.01	42.39 0.33 -5.73	38.17 -0.04 -2.40	30.90 -0.09 -0.02	25.10 -0.23 -0.01	23.73 -0.24 0.00	24.36 -0.27 0.00	23.68 -0.26 0.00	25.46 -0.26 0.00	27.34 -0.28 -0.01	30.11 -0.29 -1.01	31.33 -0.13 -0.07	36.61 -0.04 -0.02	49.54 0.28 -3.26	59.06 0.96 -1.40	61.09 1.00 -1.51	50.28 0.58 -0.97	37.86 0.34 -0.11	33.00 0.07 -0.02
NEG CENTRAL___INDECK 23768	30.61 -1.08 0.00	26.63 -1.20 0.00	22.88 -0.93 0.00	23.56 -0.86 0.00	23.50 -0.75 0.00	27.27 -0.90 -0.04	61.53 -0.73 -25.92	45.45 -1.22 -10.86	29.88 -1.18 -0.08	24.41 -0.96 -0.05	22.99 -0.98 0.00	23.57 -1.06 0.00	22.89 -1.05 0.00	24.58 -1.13 0.00	26.46 -1.19 -0.04	32.41 -1.53 -4.55	30.34 -1.35 -0.30	35.51 -1.21 -0.10	58.79 -1.01 -13.79	60.90 -0.11 -4.32	62.45 -0.64 -4.51	51.28 -0.44 -3.00	37.39 -0.37 -0.35	32.28 -0.72 -0.08
NEG CENTRAL___SENECA 23627	31.56 -0.13 0.00	27.65 -0.17 0.00	23.69 -0.12 0.00	24.31 -0.10 0.00	24.25 0.00 0.00	28.17 0.03 -0.01	46.36 0.76 -9.27	39.94 0.25 -3.88	31.13 0.12 -0.03	25.18 -0.15 -0.02	23.78 -0.19 0.00	24.38 -0.25 0.00	23.70 -0.24 0.00	25.51 -0.21 0.00	27.37 -0.25 -0.01	30.84 -0.18 -1.62	31.52 0.03 -0.11	36.88 0.22 -0.04	51.87 0.83 -5.03	60.32 1.87 -1.75	62.32 1.87 -1.85	51.26 1.32 -1.22	38.34 0.79 -0.14	33.34 0.40 -0.03
NEG CENTRAL___STATE_STREET 24147	31.33 -0.35 0.00	27.46 -0.36 0.00	23.52 -0.29 0.00	24.12 -0.29 0.00	24.01 -0.24 0.00	27.88 -0.25 0.00	38.06 -0.15 -1.87	36.20 -0.39 -0.78	30.64 -0.34 -0.01	25.02 -0.30 0.00	23.69 -0.29 0.00	24.33 -0.30 0.00	23.66 -0.29 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	29.31 -0.41 -0.33	31.12 -0.28 -0.02	36.30 -0.33 -0.01	46.80 -0.28 -1.06	57.21 0.06 -0.46	59.20 0.12 -0.49	48.94 -0.10 -0.32	37.34 -0.11 -0.04	32.70 -0.23 -0.01
NEG MILLWOOD___DRP 24198	32.98 1.30 0.00	29.07 1.25 0.00	24.86 1.05 0.00	25.49 1.07 0.00	25.30 1.04 0.00	29.39 1.27 0.00	38.00 1.67 0.00	37.92 2.11 0.00	32.87 1.89 0.00	26.86 1.54 0.00	25.41 1.44 0.00	26.06 1.43 0.00	25.36 1.41 0.00	27.26 1.54 0.00	29.32 1.71 0.00	31.10 1.70 0.00	33.05 1.66 0.00	38.78 2.16 0.00	48.73 2.71 0.00	59.93 3.23 0.00	61.69 3.11 0.00	51.26 2.53 0.00	39.21 1.80 0.00	34.57 1.65 0.00
NEG NORTH_FLCN_SEA 23793	32.19 0.51 0.00	28.18 0.36 0.00	24.02 0.21 0.00	24.63 0.22 0.00	24.42 0.17 0.00	28.38 0.25 0.00	36.66 0.33 0.00	36.20 0.39 0.00	31.38 0.40 0.00	25.64 0.33 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.23 0.29 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.69 0.29 0.00	31.79 0.41 0.00	36.99 0.37 0.00	46.66 0.64 0.00	57.32 0.62 0.00	59.29 0.70 0.00	49.36 0.63 0.00	37.90 0.49 0.00	33.35 0.43 0.00
NEG NORTH_KES_CHATEGAY 23792	31.97 0.29 0.00	27.99 0.17 0.00	23.83 0.02 0.00	24.44 0.02 0.00	24.25 0.00 0.00	28.16 0.03 0.00	36.37 0.04 0.00	35.88 0.07 0.00	31.07 0.09 0.00	25.42 0.10 0.00	24.05 0.07 0.00	24.70 0.07 0.00	23.94 0.00 0.00	25.66 -0.05 0.00	27.55 -0.06 0.00	29.37 -0.03 0.00	31.45 0.06 0.00	36.62 0.00 0.00	46.24 0.23 0.00	56.87 0.17 0.00	58.82 0.23 0.00	48.97 0.24 0.00	37.60 0.19 0.00	33.12 0.20 0.00
NEG NORTH___ALICE_FALLS 23915	32.41 0.73 0.00	28.32 0.50 0.00	24.07 0.26 0.00	24.73 0.32 0.00	24.52 0.27 0.00	28.52 0.39 0.00	36.80 0.47 0.00	36.31 0.50 0.00	31.44 0.46 0.00	25.67 0.35 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.21 0.26 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.78 0.38 0.00	31.95 0.56 0.00	37.17 0.55 0.00	47.07 1.06 0.00	57.83 1.13 0.00	59.88 1.29 0.00	49.75 1.02 0.00	38.20 0.79 0.00	33.58 0.66 0.00
NEG NORTH___LWR_SARANAC 23913	32.41 0.73 0.00	28.32 0.50 0.00	24.07 0.26 0.00	24.73 0.32 0.00	24.52 0.27 0.00	28.52 0.39 0.00	36.80 0.47 0.00	36.31 0.50 0.00	31.44 0.46 0.00	25.67 0.35 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.21 0.26 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.78 0.38 0.00	31.95 0.56 0.00	37.17 0.55 0.00	47.07 1.06 0.00	57.83 1.13 0.00	59.88 1.29 0.00	49.75 1.02 0.00	38.20 0.79 0.00	33.58 0.66 0.00
NEG NORTH___PLATTSBURG 23628	32.41 0.73 0.00	28.32 0.50 0.00	24.07 0.26 0.00	24.73 0.32 0.00	24.52 0.27 0.00	28.52 0.39 0.00	36.80 0.47 0.00	36.31 0.50 0.00	31.44 0.47 0.00	25.67 0.35 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.21 0.26 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.78 0.38 0.00	31.95 0.57 0.00	37.17 0.55 0.00	47.07 1.06 0.00	57.83 1.13 0.00	59.87 1.29 0.00	49.75 1.02 0.00	38.20 0.79 0.00	33.58 0.66 0.00
NEG WEST_LEA_LOCKPORT 23791	27.82 -3.87 0.00	24.09 -3.73 0.00	20.90 -2.90 0.00	21.34 -3.08 0.00	21.32 -2.93 0.00	24.49 -3.63 0.01	26.29 -3.74 6.30	29.47 -3.69 2.65	27.67 -3.28 0.02	22.90 -2.40 0.01	21.70 -2.28 0.00	22.26 -2.36 0.00	21.64 -2.30 0.00	23.22 -2.49 0.00	24.89 -2.71 0.01	25.22 -3.06 1.11	27.95 -3.36 0.08	32.94 -3.66 0.02	36.90 -4.37 4.75	47.33 -5.27 4.09	48.39 -5.62 4.57	40.68 -5.21 2.82	33.14 -3.97 0.31	29.34 -3.56 0.02
NEG WEST___LANCASTR 23811	27.91 -3.77 0.00	24.26 -3.56 0.00	21.05 -2.76 0.00	21.51 -2.91 0.00	21.46 -2.79 0.00	24.66 -3.46 0.01	27.56 -1.49 7.28	31.28 -1.47 3.06	29.74 -1.21 0.02	23.17 -2.13 0.02	21.96 -2.01 0.00	22.51 -2.12 0.00	21.93 -2.01 0.00	23.50 -2.21 0.00	25.16 -2.43 0.01	26.87 -1.23 1.29	30.13 -1.19 0.06	34.76 -1.83 0.03	39.48 -1.33 5.20	51.06 -1.59 4.05	52.04 -1.99 4.56	44.03 -1.90 2.79	34.71 -2.39 0.31	30.03 -2.86 0.02

NEG_PENN_ALLEGHNY 23528	31.11 -0.57 0.00	27.27 -0.56 0.00	23.38 -0.43 0.00	23.97 -0.44 0.00	23.86 -0.39 0.00	27.65 -0.48 0.00	37.27 -0.18 -1.11	35.99 -0.29 -0.47	30.73 -0.25 0.00	24.99 -0.33 0.00	23.64 -0.34 0.00	24.26 -0.37 0.00	23.61 -0.34 0.00	25.35 -0.36 0.00	27.25 -0.36 0.00	29.30 -0.29 -0.20	31.15 -0.25 -0.01	36.33 -0.29 0.00	46.19 -0.18 -0.36	56.37 0.00 0.33	57.96 -0.23 0.39	48.26 -0.24 0.22	37.09 -0.30 0.02	32.53 -0.39 0.00
NEG___GEN_MONROE 24207	29.69 -2.00 0.00	25.79 -2.03 0.00	22.24 -1.57 0.00	22.78 -1.64 0.00	22.68 -1.58 0.00	26.21 -1.91 0.00	32.46 -2.33 1.54	32.80 -2.36 0.65	29.05 -1.92 0.00	24.10 -1.22 0.00	22.82 -1.15 0.00	23.47 -1.16 0.00	22.77 -1.17 0.00	24.51 -1.21 0.00	26.28 -1.33 0.00	27.21 -1.91 0.27	29.45 -1.91 0.02	34.64 -1.98 0.01	41.40 -2.48 2.13	51.00 -2.61 3.09	52.44 -2.64 3.51	43.77 -2.83 2.13	35.24 -1.95 0.23	31.14 -1.78 0.00
NEPA___ENERGY 23901	28.48 -3.20 0.00	24.79 -3.03 0.00	21.50 -2.31 0.00	21.97 -2.44 0.00	21.92 -2.33 0.00	25.16 -2.95 0.01	26.56 -2.22 7.55	30.52 -2.11 3.17	29.22 -1.73 0.02	23.65 -1.65 0.02	22.42 -1.56 0.00	22.98 -1.65 0.00	22.39 -1.56 0.00	23.94 -1.77 0.00	25.63 -1.96 0.01	26.21 -1.85 1.33	29.45 -1.85 0.08	34.47 -2.12 0.03	38.36 -2.30 5.35	50.02 -2.55 4.12	51.10 -2.87 4.61	43.00 -2.87 2.85	34.59 -2.51 0.31	30.36 -2.53 0.02
NEVERSINK___HYD 23608	32.57 0.89 0.00	28.66 0.83 0.00	24.52 0.71 0.00	25.12 0.71 0.00	24.91 0.66 0.00	28.94 0.82 0.00	37.42 1.09 0.00	36.99 1.18 0.00	31.97 0.99 0.00	26.13 0.81 0.00	24.69 0.72 0.00	25.34 0.71 0.00	24.66 0.72 0.00	26.49 0.77 0.00	28.54 0.94 0.00	30.48 1.09 0.00	32.42 1.03 0.00	38.05 1.43 0.00	47.99 1.98 0.00	59.13 2.44 0.00	61.05 2.46 0.00	50.57 1.85 0.00	38.68 1.27 0.00	34.04 1.12 0.00
NEWKRMKL_115KV_TB1 55635	32.38 0.70 0.00	28.54 0.72 0.00	24.43 0.62 0.00	25.05 0.63 0.00	24.86 0.61 0.00	28.80 0.68 0.00	36.91 0.58 0.00	36.24 0.43 0.00	31.29 0.31 0.00	25.44 0.13 0.00	24.14 0.17 0.00	24.85 0.22 0.00	24.13 0.19 0.00	25.97 0.26 0.00	27.85 0.25 0.00	29.81 0.41 0.00	31.76 0.38 0.00	37.21 0.59 0.00	46.61 0.60 0.00	57.38 0.68 0.00	59.29 0.70 0.00	49.40 0.68 0.00	38.09 0.67 0.00	33.81 0.89 0.00
NEWTON___FALLS_HYD 23847	31.65 -0.03 0.00	27.65 -0.17 0.00	23.59 -0.21 0.00	24.27 -0.15 0.00	24.11 -0.15 0.00	27.96 -0.17 0.00	36.19 -0.15 0.00	35.45 -0.36 0.00	30.48 -0.50 0.00	24.81 -0.51 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.30 -0.65 0.00	24.97 -0.75 0.00	26.78 -0.83 0.00	28.28 -1.12 0.00	30.16 -1.22 0.00	35.12 -1.50 0.00	44.68 -1.33 0.00	55.56 -1.13 0.00	58.18 -0.41 0.00	48.28 -0.44 0.00	37.11 -0.30 0.00	32.76 -0.16 0.00
NGRID_A1_DSASP 323792	27.37 -4.31 0.00	23.70 -4.12 0.00	20.57 -3.24 0.00	20.99 -3.42 0.00	20.95 -3.30 0.00	23.87 -4.25 0.01	25.35 -4.65 6.33	28.71 -4.44 2.66	26.76 -4.18 0.04	22.27 -3.01 0.03	21.13 -2.83 0.02	21.70 -2.91 0.02	21.05 -2.87 0.02	22.58 -3.11 0.02	24.21 -3.37 0.03	24.80 -3.47 1.12	27.02 -4.27 0.09	31.82 -4.76 0.04	35.45 -5.75 4.81	45.78 -6.80 4.12	47.94 -6.03 4.61	39.89 -5.99 2.84	32.00 -5.09 0.33	28.82 -4.08 0.02
NGRID_A2_DSASP 323793	27.37 -4.31 0.00	23.70 -4.12 0.00	20.57 -3.24 0.00	20.99 -3.42 0.00	20.95 -3.30 0.00	23.87 -4.25 0.01	25.35 -4.65 6.33	28.71 -4.44 2.66	26.76 -4.18 0.04	22.27 -3.01 0.03	21.13 -2.83 0.02	21.70 -2.91 0.02	21.05 -2.87 0.02	22.58 -3.11 0.02	24.21 -3.37 0.03	24.80 -3.47 1.12	27.02 -4.27 0.09	31.82 -4.76 0.04	35.45 -5.75 4.81	45.78 -6.80 4.12	47.94 -6.03 4.61	39.89 -5.99 2.84	32.00 -5.09 0.33	28.82 -4.08 0.02
NGRID_A4_DSASP 323807	27.37 -4.31 0.00	23.70 -4.12 0.00	20.57 -3.24 0.00	20.99 -3.42 0.00	20.95 -3.30 0.00	23.87 -4.25 0.01	25.35 -4.65 6.33	28.71 -4.44 2.66	26.76 -4.18 0.04	22.27 -3.01 0.03	21.13 -2.83 0.02	21.70 -2.91 0.02	21.05 -2.87 0.02	22.58 -3.11 0.02	24.21 -3.37 0.03	24.80 -3.47 1.12	27.02 -4.27 0.09	31.82 -4.76 0.04	35.45 -5.75 4.81	45.78 -6.80 4.12	47.94 -6.03 4.61	39.89 -5.99 2.84	32.00 -5.09 0.33	28.82 -4.08 0.02
NIAGARA_115E_LBMP 323715	27.28 -4.40 0.00	23.65 -4.17 0.00	20.38 -3.43 0.00	20.95 -3.47 0.00	20.91 -3.35 0.00	24.01 -4.11 0.01	25.90 -4.11 6.33	29.14 -4.01 2.66	27.14 -3.81 0.02	22.47 -2.83 0.01	21.34 -2.64 0.00	21.87 -2.76 0.00	21.28 -2.66 0.00	22.81 -2.91 0.00	24.47 -3.12 0.01	24.98 -3.29 1.12	27.47 -3.83 0.09	32.35 -4.25 0.02	36.19 -5.01 4.81	45.72 -6.86 4.12	45.86 -8.14 4.58	39.50 -6.38 2.84	32.50 -4.60 0.31	28.75 -4.15 0.02
NIAGARA_115W_LBMP 323714	27.28 -4.40 0.00	23.65 -4.17 0.00	20.38 -3.43 0.00	20.92 -3.49 0.00	20.91 -3.35 0.00	23.79 -4.33 0.01	25.28 -4.72 6.33	28.67 -4.48 2.66	26.63 -4.30 0.04	22.14 -3.14 0.03	21.03 -2.93 0.02	21.58 -3.03 0.02	20.95 -2.97 0.02	22.46 -3.24 0.02	24.12 -3.45 0.03	24.77 -3.50 1.12	26.96 -4.33 0.09	31.74 -4.83 0.04	35.31 -5.89 4.81	46.45 -6.12 4.12	46.19 -7.79 4.61	40.71 -5.17 2.84	31.89 -5.20 0.33	28.75 -4.15 0.02
NIAGARA_230_LBMP 323716	27.91 -3.77 0.00	24.21 -3.62 0.00	20.86 -2.95 0.00	21.41 -3.00 0.00	21.39 -2.86 0.00	24.55 -3.57 0.01	25.96 -4.07 6.31	29.19 -3.98 2.64	27.74 -3.22 0.02	22.98 -2.33 0.01	21.82 -2.16 0.00	22.37 -2.27 0.00	21.74 -2.20 0.00	23.30 -2.42 0.00	25.00 -2.60 0.01	25.03 -3.26 1.10	28.08 -3.23 0.07	33.01 -3.59 0.02	36.48 -4.74 4.79	46.76 -5.84 4.10	46.85 -7.15 4.59	40.39 -5.51 2.82	33.18 -3.93 0.31	29.38 -3.52 0.02
NIAGARA___115KV_198_GIBSON 55903	27.28 -4.40 0.00	23.65 -4.17 0.00	20.50 -3.31 0.00	20.92 -3.49 0.00	20.91 -3.35 0.00	23.79 -4.33 0.01	25.28 -4.72 6.33	28.67 -4.48 2.66	26.63 -4.31 0.04	22.17 -3.11 0.03	21.03 -2.92 0.02	21.61 -3.00 0.02	20.95 -2.97 0.02	22.48 -3.21 0.02	24.13 -3.45 0.03	24.77 -3.50 1.12	26.90 -4.39 0.09	31.67 -4.91 0.04	35.31 -5.89 4.81	45.61 -6.97 4.12	47.89 -6.09 4.61	39.79 -6.09 2.84	31.85 -5.24 0.33	28.75 -4.15 0.02
NIAGARA____ 23760	27.91 -3.77 0.00	24.21 -3.62 0.00	20.86 -2.95 0.00	21.41 -3.00 0.00	21.39 -2.86 0.00	24.54 -3.57 0.01	25.95 -4.07 6.31	29.19 -3.98 2.64	27.73 -3.22 0.03	22.97 -2.33 0.02	21.81 -2.16 0.01	22.36 -2.27 0.01	21.73 -2.20 0.01	23.29 -2.42 0.01	24.99 -2.60 0.02	25.03 -3.26 1.10	28.07 -3.23 0.09	33.00 -3.59 0.03	36.48 -4.74 4.80	46.75 -5.84 4.11	46.85 -7.15 4.59	40.38 -5.51 2.83	33.17 -3.93 0.31	29.38 -3.52 0.02
NINE_MILE_1 23575	30.61 -1.08 0.00	26.85 -0.97 0.00	23.00 -0.81 0.00	23.61 -0.81 0.00	23.45 -0.80 0.00	27.20 -0.93 0.00	35.13 -1.20 0.00	34.59 -1.22 0.00	29.95 -1.02 0.00	24.50 -0.81 0.00	23.21 -0.77 0.00	23.84 -0.79 0.00	23.18 -0.77 0.00	24.92 -0.80 0.00	26.75 -0.86 0.00	28.40 -1.00 0.00	30.38 -1.01 0.00	35.41 -1.21 0.00	35.71 -1.70 8.60	35.96 -2.04 18.70	34.93 -2.23 21.43	34.01 -1.85 12.86	34.70 -1.35 1.37	31.67 -1.25 0.00

NINE_MILE_2 23744	30.61 -1.08 0.00	26.85 -0.97 0.00	23.00 -0.81 0.00	23.61 -0.81 0.00	23.45 -0.80 0.00	27.20 -0.93 0.00	35.13 -1.20 0.00	34.63 -1.18 0.00	29.95 -1.02 0.00	24.50 -0.81 0.00	23.21 -0.77 0.00	23.84 -0.79 0.00	23.20 -0.74 0.00	24.92 -0.80 0.00	26.75 -0.86 0.00	28.40 -1.00 0.00	30.41 -0.97 0.00	35.41 -1.21 0.00	35.60 -1.70 8.72	35.71 -2.04 18.94	34.71 -2.17 21.71	33.89 -1.80 13.03	34.68 -1.35 1.38	31.67 -1.25 0.00
NM_CAPITAL___DRP 24208	32.44 0.76 0.00	28.60 0.78 0.00	24.48 0.67 0.00	25.07 0.66 0.00	24.91 0.65 0.00	28.86 0.73 0.00	37.02 0.69 0.00	36.38 0.57 0.00	31.41 0.43 0.00	25.57 0.25 0.00	24.26 0.29 0.00	24.95 0.32 0.00	24.25 0.31 0.00	26.08 0.36 0.00	27.99 0.39 0.00	29.95 0.56 0.00	31.89 0.50 0.00	37.35 0.73 0.00	46.84 0.83 0.00	57.60 0.91 0.00	59.52 0.94 0.00	49.60 0.88 0.00	38.20 0.79 0.00	33.87 0.95 0.00
NM_CENTRAL___DRP 24181	31.08 -0.60 0.00	27.26 -0.56 0.00	23.36 -0.45 0.00	23.95 -0.46 0.00	23.82 -0.44 0.00	27.62 -0.51 0.00	35.75 -0.58 0.00	35.13 -0.68 0.00	30.42 -0.56 0.00	24.89 -0.43 0.00	23.57 -0.41 0.00	24.21 -0.42 0.00	23.54 -0.41 0.00	25.33 -0.39 0.00	27.16 -0.44 0.00	28.84 -0.56 0.00	30.88 -0.50 0.00	35.96 -0.66 0.00	44.67 -0.87 0.47	54.82 -0.85 1.03	56.53 -0.88 1.18	47.14 -0.88 0.71	36.70 -0.64 0.08	32.26 -0.66 0.00
NM_FRONTIER___DRP 24179	27.28 -4.40 0.00	23.65 -4.17 0.00	20.50 -3.31 0.00	20.92 -3.49 0.00	20.91 -3.35 0.00	23.79 -4.33 0.01	25.28 -4.72 6.33	28.67 -4.48 2.66	26.63 -4.31 0.04	22.17 -3.11 0.03	21.03 -2.92 0.02	21.61 -3.00 0.02	20.95 -2.97 0.02	22.48 -3.21 0.02	24.13 -3.45 0.03	24.77 -3.50 1.12	26.90 -4.39 0.09	31.67 -4.91 0.04	35.31 -5.89 4.81	45.61 -6.97 4.12	47.89 -6.09 4.61	39.79 -6.09 2.84	31.85 -5.24 0.33	28.75 -4.15 0.02
NM_ST_REGIS___HYD 24053	31.75 0.06 0.00	27.79 -0.03 0.00	23.64 -0.17 0.00	24.31 -0.10 0.00	24.13 -0.12 0.00	28.01 -0.11 0.00	36.15 -0.18 0.00	35.59 -0.21 0.00	30.73 -0.25 0.00	25.06 -0.25 0.00	23.71 -0.26 0.00	24.38 -0.25 0.00	23.56 -0.38 0.00	25.20 -0.51 0.00	27.05 -0.55 0.00	28.69 -0.71 0.00	30.57 -0.82 0.00	35.56 -1.06 0.00	45.05 -0.97 0.00	55.56 -1.13 0.00	58.06 -0.53 0.00	48.33 -0.39 0.00	37.11 -0.30 0.00	32.76 -0.16 0.00
NORTHPORT___1 23551	34.95 2.06 -1.21	30.42 1.92 -0.68	27.26 1.69 -1.76	26.39 1.68 -0.29	28.05 1.65 -2.15	33.64 1.97 -3.54	42.36 2.50 -3.53	40.82 2.79 -2.22	33.02 2.04 0.00	27.14 1.82 0.00	25.86 1.87 -0.02	26.50 1.87 0.00	25.79 1.84 0.00	29.05 1.98 -1.35	38.22 2.18 -8.44	38.40 2.38 -6.63	34.12 2.29 -0.44	42.54 2.75 -3.17	55.74 3.22 -6.51	60.34 3.63 -0.01	62.80 3.63 -0.58	55.32 3.07 -3.52	48.12 2.51 -8.20	42.03 2.27 -6.84
NORTHPORT___2 23552	34.95 2.06 -1.21	30.42 1.92 -0.68	27.26 1.69 -1.76	26.39 1.68 -0.29	28.05 1.65 -2.15	33.64 1.97 -3.54	42.36 2.50 -3.53	40.82 2.79 -2.22	33.02 2.04 0.00	27.14 1.82 0.00	25.86 1.87 -0.02	26.50 1.87 0.00	25.79 1.84 0.00	29.05 1.98 -1.35	38.22 2.18 -8.44	38.40 2.38 -6.63	34.12 2.29 -0.44	42.54 2.75 -3.17	55.74 3.22 -6.51	60.34 3.63 -0.01	62.80 3.63 -0.58	55.32 3.07 -3.52	48.12 2.51 -8.20	42.03 2.27 -6.84
NORTHPORT___3 23553	34.89 2.00 -1.21	30.37 1.86 -0.68	27.21 1.64 -1.76	26.34 1.64 -0.29	28.00 1.60 -2.15	33.58 1.91 -3.54	42.29 2.43 -3.53	40.74 2.72 -2.22	32.96 1.98 0.00	27.09 1.77 0.00	25.84 1.85 -0.02	26.45 1.82 0.00	25.76 1.82 0.00	29.00 1.93 -1.35	38.20 2.15 -8.44	38.38 2.35 -6.63	34.09 2.26 -0.44	42.50 2.71 -3.17	55.61 3.08 -6.51	60.22 3.52 -0.01	62.68 3.51 -0.58	55.17 2.92 -3.52	48.04 2.43 -8.20	42.00 2.24 -6.84
NORTHPORT___4 23650	34.89 2.00 -1.21	30.37 1.86 -0.68	27.21 1.64 -1.76	26.34 1.64 -0.29	28.00 1.60 -2.15	33.58 1.91 -3.54	42.29 2.43 -3.53	40.74 2.72 -2.22	32.96 1.98 0.00	27.09 1.77 0.00	25.84 1.85 -0.02	26.45 1.82 0.00	25.76 1.82 0.00	29.00 1.93 -1.35	38.20 2.15 -8.44	38.38 2.35 -6.63	34.09 2.26 -0.44	42.50 2.71 -3.17	55.61 3.08 -6.51	60.22 3.52 -0.01	62.68 3.51 -0.58	55.17 2.92 -3.52	48.04 2.43 -8.20	42.00 2.24 -6.84
NORTHPORT___IC 23718	34.95 2.06 -1.21	30.42 1.92 -0.68	27.21 1.64 -1.76	26.39 1.68 -0.29	28.05 1.65 -2.15	33.64 1.97 -3.54	42.37 2.51 -3.53	40.82 2.79 -2.22	33.02 2.04 0.00	27.11 1.80 0.00	25.86 1.87 -0.02	26.50 1.87 0.00	25.79 1.84 0.00	29.02 1.95 -1.35	38.22 2.18 -8.44	38.41 2.38 -6.63	34.12 2.29 -0.44	42.65 2.86 -3.17	55.74 3.22 -6.51	60.38 3.69 0.00	62.68 3.52 -0.58	55.31 3.07 -3.52	48.12 2.51 -8.20	42.03 2.27 -6.84
NORTH___COUNTRY_ESR 323785	31.87 0.19 0.00	27.93 0.11 0.00	23.81 0.00 0.00	24.39 -0.02 0.00	24.20 -0.05 0.00	28.10 -0.03 0.00	36.30 -0.04 0.00	35.84 0.04 0.00	31.07 0.09 0.00	25.42 0.10 0.00	24.07 0.10 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.69 -0.03 0.00	27.58 -0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.62 0.00 0.00	46.15 0.14 0.00	56.70 0.00 0.00	58.70 0.12 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.02 0.10 0.00
NPX_GEN_1385_PROXY 323591	35.30 2.41 -1.21	30.86 2.36 -0.68	27.69 2.12 -1.76	27.00 2.29 -0.29	28.51 2.11 -2.15	34.37 2.70 -3.54	42.99 3.23 -3.42	41.60 3.47 -2.32	33.42 2.45 0.00	27.44 2.13 0.00	26.07 2.08 -0.02	26.72 2.09 0.00	26.02 2.08 0.00	29.20 2.13 -1.35	38.03 1.99 -8.44	38.20 2.18 -6.63	34.12 2.29 -0.44	42.72 2.93 -3.17	55.79 3.27 -6.51	60.22 3.52 -0.01	62.80 3.63 -0.58	55.56 3.31 -3.52	48.42 2.81 -8.20	42.00 2.24 -6.84
NPX_GEN_CSC 323557	35.56 2.66 -1.21	30.95 2.45 -0.68	27.72 2.14 -1.76	26.83 2.12 -0.29	28.51 2.11 -2.15	34.12 2.45 -3.54	42.95 3.20 -3.42	41.60 3.47 -2.32	33.46 2.48 0.00	27.49 2.18 0.00	26.27 2.28 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.46 2.39 -1.35	38.72 2.68 -8.44	38.82 2.79 -6.63	34.34 2.51 -0.44	42.87 3.08 -3.17	56.48 3.96 -6.51	60.96 4.25 -0.01	63.44 4.27 -0.58	56.48 4.24 -3.52	48.79 3.18 -8.20	42.69 2.93 -6.84
NSINS_S_GLNS_FALLS 23858	32.98 1.30 0.00	29.05 1.22 0.00	24.81 1.00 0.00	25.46 1.05 0.00	25.30 1.04 0.00	29.39 1.27 0.00	37.82 1.49 0.00	36.99 1.18 0.00	31.84 0.87 0.00	25.77 0.46 0.00	24.38 0.41 0.00	25.02 0.39 0.00	24.37 0.43 0.00	26.23 0.51 0.00	28.10 0.50 0.00	30.22 0.82 0.00	32.26 0.88 0.00	37.87 1.25 0.00	47.99 1.98 0.00	59.42 2.72 0.00	61.52 2.93 0.00	51.26 2.53 0.00	39.21 1.80 0.00	34.53 1.61 0.00
NUCOR_STEEL___DRP 24197	31.37 -0.32 0.00	27.52 -0.31 0.00	23.57 -0.24 0.00	24.17 -0.24 0.00	24.03 -0.22 0.00	27.90 -0.23 0.00	37.17 -0.15 -0.99	35.83 -0.39 -0.41	30.67 -0.31 0.00	25.04 -0.28 0.00	23.69 -0.29 0.00	24.33 -0.30 0.00	23.66 -0.29 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	29.16 -0.41 -0.17	31.08 -0.31 -0.01	36.26 -0.37 0.00	46.16 -0.41 -0.56	56.83 -0.11 -0.24	58.73 -0.12 -0.26	48.65 -0.24 -0.17	37.28 -0.15 -0.02	32.66 -0.26 0.00

NUMBER_THREE_WT_PWR 323818	31.97 0.28 0.00	27.93 0.11 0.00	23.86 0.05 0.00	24.54 0.12 0.00	24.37 0.12 0.00	28.27 0.14 0.00	36.66 0.33 0.00	35.88 0.07 0.00	30.76 -0.22 0.00	24.99 -0.33 0.00	23.62 -0.36 0.00	24.19 -0.44 0.00	23.46 -0.48 0.00	25.20 -0.51 0.00	27.02 -0.58 0.00	28.48 -0.91 0.00	30.44 -0.94 0.00	35.52 -1.10 0.00	45.23 -0.78 0.00	56.64 -0.06 0.00	59.17 0.59 0.00	49.02 0.29 0.00	37.68 0.26 0.00	33.22 0.30 0.00
NYISO_LBMP_REFERENCE 24008	31.68 0.00 0.00	27.82 0.00 0.00	23.81 0.00 0.00	24.41 0.00 0.00	24.25 0.00 0.00	28.13 0.00 0.00	36.33 0.00 0.00	35.81 0.00 0.00	30.98 0.00 0.00	25.32 0.00 0.00	23.97 0.00 0.00	24.63 0.00 0.00	23.94 0.00 0.00	25.72 0.00 0.00	27.60 0.00 0.00	29.40 0.00 0.00	31.39 0.00 0.00	36.62 0.00 0.00	46.01 0.00 0.00	56.70 0.00 0.00	58.59 0.00 0.00	48.72 0.00 0.00	37.41 0.00 0.00	32.92 0.00 0.00
NYPA_BRENTWD____GT 24164	35.33 2.44 -1.21	30.75 2.25 -0.68	27.55 1.98 -1.76	26.66 1.95 -0.29	28.34 1.94 -2.15	33.95 2.28 -3.54	42.80 2.94 -3.53	41.25 3.22 -2.22	33.33 2.35 0.00	27.39 2.08 0.00	26.15 2.16 -0.02	26.77 2.14 0.00	26.07 2.13 0.00	29.35 2.29 -1.35	38.58 2.54 -8.44	38.82 2.79 -6.63	34.49 2.67 -0.44	42.97 3.18 -3.17	56.52 4.00 -6.51	61.36 4.65 -0.01	63.85 4.69 -0.58	56.14 3.90 -3.52	48.64 3.03 -8.20	42.49 2.73 -6.84
NYPA_GOWANUS____GT5 24156	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NYPA_GOWANUS____GT6 24157	33.17 1.49 0.00	29.24 1.42 0.00	25.00 1.19 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.60 0.00	25.39 1.41 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.28 2.70 0.00	51.01 2.29 0.00	39.06 1.64 0.00	34.66 1.74 0.00
NYPA_HARLEM__RVR__GT1 24160	33.21 1.52 -0.01	29.28 1.45 -0.01	25.05 1.24 -0.01	25.64 1.22 -0.01	25.45 1.19 -0.01	29.54 1.41 -0.01	38.07 1.74 0.01	37.91 2.11 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.36 1.39 0.01	26.00 1.38 0.01	25.35 1.41 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.33 1.94 0.01	33.39 2.01 0.01	39.01 2.42 0.02	48.03 2.02 0.01	58.79 2.10 0.01	60.63 2.05 0.01	50.37 1.66 0.01	38.60 1.20 0.01	34.33 1.41 0.00
NYPA_HARLEM__RVR__GT2 24161	33.21 1.52 -0.01	29.28 1.45 -0.01	25.05 1.24 -0.01	25.64 1.22 -0.01	25.45 1.19 -0.01	29.54 1.41 -0.01	38.07 1.74 0.01	37.91 2.11 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.36 1.39 0.01	26.00 1.38 0.01	25.35 1.41 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.33 1.94 0.01	33.39 2.01 0.01	39.01 2.42 0.02	48.03 2.02 0.01	58.79 2.10 0.01	60.63 2.05 0.01	50.37 1.66 0.01	38.60 1.20 0.01	34.33 1.41 0.00
NYPA_KENT____GT 24152	33.08 1.39 0.00	29.16 1.34 0.00	24.95 1.14 0.00	25.51 1.10 0.00	25.32 1.07 0.00	29.39 1.27 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.71 1.73 0.00	26.94 1.62 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.82 2.20 0.00	48.50 2.48 0.00	59.36 2.67 0.00	61.23 2.64 0.00	50.86 2.14 0.00	38.98 1.57 0.00	34.57 1.65 0.00
NYPA_POUCH1____GT 24155	33.20 1.52 0.00	29.24 1.42 0.00	25.02 1.21 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.36 1.24 0.00	37.71 1.38 0.00	37.49 1.68 0.00	32.52 1.55 0.00	26.81 1.49 0.00	25.29 1.32 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.19 1.47 -0.01	29.30 1.68 -0.01	31.31 1.91 -0.01	33.14 1.76 0.00	38.78 2.16 0.00	48.45 2.44 0.00	59.31 2.61 0.00	61.10 2.52 0.00	50.92 2.19 0.00	39.02 1.61 0.00	34.66 1.74 0.00
NYPA_VERNON____GT2 24162	33.01 1.33 0.00	29.10 1.28 0.00	24.90 1.10 0.00	25.46 1.05 0.00	25.27 1.02 0.00	29.36 1.24 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.74 1.76 0.00	26.94 1.62 0.00	25.44 1.46 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.20 1.82 0.00	38.78 2.16 0.00	48.40 2.39 0.00	59.31 2.61 0.00	61.10 2.52 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.47 1.55 0.00
NYPA_VERNON____GT3 24163	33.01 1.33 0.00	29.10 1.28 0.00	24.90 1.10 0.00	25.46 1.05 0.00	25.27 1.02 0.00	29.36 1.24 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.74 1.76 0.00	26.94 1.62 0.00	25.44 1.46 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.29 1.57 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.20 1.82 0.00	38.78 2.16 0.00	48.40 2.39 0.00	59.31 2.61 0.00	61.10 2.52 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.47 1.55 0.00
NYPA__ASTORIA_CC1 323568	32.98 1.30 0.00	29.07 1.25 0.00	24.88 1.07 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.76 0.00	26.94 1.62 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.17 1.79 0.00	38.74 2.12 0.00	48.36 2.35 0.00	59.19 2.49 0.00	60.99 2.40 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.52 0.00
NYPA__ASTORIA_CC2 323569	32.98 1.30 0.00	29.07 1.25 0.00	24.88 1.07 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.76 0.00	26.94 1.62 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.17 1.79 0.00	38.74 2.12 0.00	48.36 2.35 0.00	59.19 2.49 0.00	60.99 2.40 0.00	50.67 1.95 0.00	38.87 1.46 0.00	34.43 1.52 0.00
NYPA__HOLTSVILL 23794	35.30 2.41 -1.21	30.73 2.23 -0.68	27.50 1.93 -1.76	26.63 1.93 -0.29	28.29 1.89 -2.15	33.89 2.22 -3.54	42.73 2.87 -3.53	41.18 3.15 -2.22	33.27 2.29 0.00	27.34 2.03 0.00	26.10 2.11 -0.02	26.72 2.09 0.00	26.00 2.06 0.00	29.30 2.24 -1.35	38.53 2.49 -8.44	38.73 2.70 -6.63	34.37 2.54 -0.44	42.75 2.96 -3.17	56.21 3.68 -6.51	60.90 4.20 -0.01	63.39 4.22 -0.58	55.95 3.70 -3.52	48.45 2.84 -8.20	42.39 2.63 -6.84
NYPA__HELLGATE_GT1 24158	33.21 1.52 -0.01	29.28 1.45 -0.01	25.05 1.24 -0.01	25.64 1.22 -0.01	25.45 1.19 -0.01	29.54 1.41 -0.01	38.07 1.74 0.01	37.91 2.11 0.01	32.92 1.95 0.01	26.85 1.54 0.01	25.36 1.39 0.01	26.00 1.38 0.01	25.35 1.41 0.01	27.17 1.47 0.01	29.31 1.71 0.01	31.33 1.94 0.01	33.39 2.01 0.01	39.03 2.42 0.01	48.08 2.07 0.01	58.84 2.15 0.01	60.69 2.11 0.01	50.42 1.70 0.01	38.60 1.20 0.01	34.33 1.41 0.00

NYPA_____HELLGATE_GT2 24159	33.21	29.28	25.05	25.64	25.45	29.54	38.07	37.91	32.92	26.85	25.36	26.00	25.35	27.17	29.31	31.33	33.39	39.03	48.08	58.84	60.69	50.42	38.60	34.33
	1.52	1.45	1.24	1.22	1.19	1.41	1.74	2.11	1.95	1.54	1.39	1.38	1.41	1.47	1.71	1.94	2.01	2.42	2.07	2.15	2.11	1.70	1.20	1.41
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NYS_BARGE___HYD 23848	27.75	24.06	20.74	21.31	21.27	24.43	26.68	29.67	27.61	22.82	21.65	22.19	21.59	23.14	24.83	25.32	27.95	32.90	37.09	47.02	47.13	40.54	33.15	29.28
	-3.93	-3.76	-3.07	-3.10	-2.98	-3.68	-3.74	-3.65	-3.35	-2.48	-2.33	-2.44	-2.35	-2.57	-2.76	-3.03	-3.36	-3.70	-4.37	-5.67	-6.97	-5.41	-3.97	-3.62
	0.00	0.00	0.00	0.00	0.00	0.01	5.91	2.48	0.02	0.01	0.00	0.00	0.00	0.00	0.01	1.05	0.08	0.02	4.55	4.01	4.48	2.77	0.30	0.02
OAK ORCHARD___HYD 24046	29.81	25.93	22.28	22.90	22.80	26.35	32.68	32.92	29.17	24.20	22.94	23.55	22.89	24.56	26.42	27.31	29.64	34.82	41.52	50.88	51.55	43.80	35.28	31.11
	-1.87	-1.89	-1.52	-1.51	-1.45	-1.77	-2.33	-2.33	-1.80	-1.11	-1.03	-1.08	-1.05	-1.16	-1.19	-1.85	-1.73	-1.79	-2.49	-2.78	-3.58	-2.83	-1.91	-1.81
	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.02	0.01	2.01	3.04	3.46	2.09	0.22	0.00
OAKDALE___35_KV_LOAD 356122	31.08	27.24	23.38	23.95	23.82	27.59	37.27	35.98	30.70	24.96	23.64	24.26	23.61	25.33	27.22	29.28	31.12	36.30	46.12	56.24	57.94	48.20	37.01	32.46
	-0.60	-0.58	-0.43	-0.46	-0.44	-0.53	-0.25	-0.32	-0.28	-0.35	-0.34	-0.37	-0.34	-0.39	-0.39	-0.32	-0.28	-0.33	-0.28	-0.11	-0.23	-0.29	-0.37	-0.46
	0.00	0.00	0.00	0.00	0.00	0.00	-1.19	-0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.01	0.00	-0.39	0.34	0.41	0.23	0.02	0.00
OCC_CHEM___DRP 24175	27.37	23.70	20.57	20.99	20.95	23.87	25.35	28.71	26.76	22.27	21.13	21.70	21.05	22.58	24.21	24.80	27.02	31.82	35.45	45.78	47.94	39.89	32.00	28.82
	-4.31	-4.12	-3.24	-3.42	-3.30	-4.25	-4.65	-4.44	-4.18	-3.01	-2.83	-2.91	-2.87	-3.11	-3.37	-3.47	-4.27	-4.76	-5.75	-6.80	-6.03	-5.99	-5.09	-4.08
	0.00	0.00	0.00	0.00	0.00	0.01	6.33	2.66	0.04	0.03	0.02	0.02	0.02	0.02	0.03	1.12	0.09	0.04	4.81	4.12	4.61	2.84	0.33	0.02
OH_GEN_PROXY 24063	27.98	24.26	20.90	21.46	21.44	24.60	26.40	29.60	27.83	23.03	21.87	22.41	21.81	23.38	25.08	25.20	28.18	33.08	36.97	47.06	47.22	40.63	33.26	29.41
	-3.71	-3.56	-2.91	-2.95	-2.81	-3.52	-4.00	-3.87	-3.13	-2.28	-2.11	-2.22	-2.13	-2.34	-2.51	-3.18	-3.14	-3.52	-4.60	-5.67	-6.91	-5.36	-3.85	-3.49
	0.00	0.00	0.00	0.00	0.00	0.01	5.94	2.34	0.02	0.01	0.00	0.00	0.00	0.00	0.01	1.02	0.07	0.02	4.44	3.97	4.45	2.74	0.30	0.02
OLIN_CORP_DRP 24177	27.37	23.73	20.57	20.99	20.98	24.10	25.82	29.10	27.24	22.57	21.41	21.97	21.36	22.91	24.56	24.96	27.49	32.38	36.18	46.37	47.31	39.87	32.57	28.85
	-4.31	-4.09	-3.24	-3.42	-3.27	-4.02	-4.11	-4.01	-3.72	-2.73	-2.57	-2.66	-2.59	-2.80	-3.04	-3.29	-3.80	-4.21	-4.97	-6.18	-6.68	-5.99	-4.53	-4.05
	0.00	0.00	0.00	0.00	0.00	0.01	6.41	2.70	0.02	0.01	0.00	0.00	0.00	0.00	0.01	1.14	0.10	0.02	4.86	4.14	4.60	2.86	0.31	0.02
OLIN_CORP_DSASP 323712	27.37	23.70	20.57	20.99	20.95	23.87	25.35	28.71	26.76	22.27	21.13	21.70	21.05	22.58	24.21	24.80	27.02	31.82	35.45	45.78	47.94	39.89	32.00	28.82
	-4.31	-4.12	-3.24	-3.42	-3.30	-4.25	-4.65	-4.44	-4.18	-3.01	-2.83	-2.91	-2.87	-3.11	-3.37	-3.47	-4.27	-4.76	-5.75	-6.80	-6.03	-5.99	-5.09	-4.08
	0.00	0.00	0.00	0.00	0.00	0.01	6.33	2.66	0.04	0.03	0.02	0.02	0.02	0.02	0.03	1.12	0.09	0.04	4.81	4.12	4.61	2.84	0.33	0.02
ONEIDA_HERK_LFGE 323681	32.06	28.07	24.00	24.63	24.50	28.41	36.80	36.09	31.04	25.26	23.88	24.53	23.85	25.64	27.52	29.19	31.17	36.37	46.10	57.32	59.58	49.40	37.90	33.35
	0.38	0.25	0.19	0.22	0.24	0.28	0.47	0.29	0.06	-0.05	-0.10	-0.10	-0.10	-0.08	-0.08	-0.20	-0.22	-0.25	0.09	0.62	1.00	0.68	0.49	0.43
	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
ONEIDA___115KV_TB4 55905	32.09	28.10	24.05	24.68	24.54	28.47	36.91	36.20	31.16	25.39	24.00	24.68	24.01	25.84	27.74	29.48	31.54	36.80	46.27	57.24	59.32	49.28	38.05	33.45
	0.41	0.28	0.24	0.27	0.29	0.34	0.58	0.39	0.19	0.08	0.02	0.05	0.07	0.13	0.14	0.09	0.16	0.18	0.51	1.08	1.35	0.93	0.67	0.53
	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	0.25	0.54	0.62	0.37	0.04	0.00
ONONDAGA_REF_OCCRA 23987	31.21	27.38	23.45	24.02	23.89	27.73	35.93	35.31	30.54	24.96	23.64	24.29	23.61	25.41	27.27	28.95	31.01	36.14	45.07	55.45	57.21	47.63	36.91	32.46
	-0.48	-0.45	-0.36	-0.39	-0.36	-0.39	-0.40	-0.50	-0.43	-0.35	-0.34	-0.34	-0.34	-0.31	-0.33	-0.44	-0.38	-0.48	-0.60	-0.51	-0.53	-0.58	-0.45	-0.46
	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	0.34	0.74	0.85	0.51	0.05	0.00
ONONDAGA___COGEN 23986	31.27	27.43	23.50	24.10	23.96	27.79	36.01	35.34	30.57	24.99	23.66	24.31	23.63	25.43	27.30	28.98	31.04	36.14	45.41	56.19	58.06	48.19	37.04	32.49
	-0.41	-0.39	-0.31	-0.32	-0.29	-0.34	-0.33	-0.47	-0.40	-0.33	-0.31	-0.32	-0.31	-0.28	-0.30	-0.41	-0.35	-0.48	-0.60	-0.51	-0.53	-0.54	-0.37	-0.43
	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
ONTARIO___LFGE 23819	31.56	27.66	23.67	24.32	24.25	28.17	46.36	39.94	31.13	25.18	23.78	24.38	23.70	25.48	27.37	30.84	31.52	36.91	51.87	60.26	61.96	51.20	38.34	33.34
	-0.13	-0.17	-0.14	-0.10	0.00	0.03	0.76	0.25	0.12	-0.15	-0.19	-0.25	-0.24	-0.23	-0.25	-0.18	0.03	0.26	0.83	1.81	1.52	1.26	0.79	0.40
	0.00	0.00	0.00	0.00	0.00	-0.01	-9.27	-3.88	-0.03	-0.02	0.00	0.00	0.00	0.00	-0.01	-1.62	-0.11	-0.04	-5.03	-1.75	-1.85	-1.22	-0.14	-0.03
ORANGEVILLE_WT_PWR 323706	28.86	25.12	21.62	22.24	22.22	25.56	11.97	24.05	28.74	23.40	22.18	22.73	22.12	23.73	25.42	23.18	28.81	34.01	29.73	46.31	46.67	40.61	34.51	30.48
	-2.82	-2.70	-2.19	-2.17	-2.04	-2.53	-2.22	-2.47	-2.17	-1.87	-1.80	-1.90	-1.82	-1.98	-2.15	-2.32	-2.32	-2.53	-2.76	-2.89	-3.69	-2.92	-2.32	-2.37
	0.00	0.00	0.00	0.00	0.00	0.04	22.14	9.29	0.07	0.05	0.00	0.00	0.00	0.00	0.04	3.89	0.25	0.08	13.52	7.50	8.23	5.19	0.58	0.07
ORANGEVILLE___ESR 323794	28.86	25.12	21.62	22.24	22.22	25.56	11.97	24.05	28.74	23.40	22.18	22.73	22.12	23.73	25.42	23.18	28.81	34.01	29.73	46.31	46.67	40.61	34.51	30.48
	-2.82	-2.70	-2.19	-2.17	-2.04	-2.53	-2.22	-2.47	-2.17	-1.87	-1.80	-1.90	-1.82	-1.98	-2.15	-2.32	-2.32	-2.53	-2.76	-2.89	-3.69	-2.92	-2.32	-2.37
	0.00	0.00	0.00	0.00	0.00	0.04	22.14	9.29	0.07	0.05	0.00	0.00	0.00	0.00	0.04	3.89	0.25	0.08	13.52	7.50	8.23	5.19	0.58	0.07

OSWEGATCHIE___HYD 24044	31.65 -0.03 0.00	27.66 -0.17 0.00	23.59 -0.21 0.00	24.27 -0.15 0.00	24.11 -0.14 0.00	27.96 -0.17 0.00	36.19 -0.14 0.00	35.45 -0.36 0.00	30.48 -0.50 0.00	24.81 -0.51 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.30 -0.65 0.00	24.97 -0.75 0.00	26.78 -0.83 0.00	28.28 -1.12 0.00	30.16 -1.22 0.00	35.12 -1.50 0.00	44.68 -1.34 0.00	55.56 -1.13 0.00	58.18 -0.41 0.00	48.28 -0.44 0.00	37.11 -0.30 0.00	32.76 -0.16 0.00
OSWEGO___5 23606	30.83 -0.85 0.00	27.04 -0.78 0.00	23.17 -0.64 0.00	23.75 -0.66 0.00	23.62 -0.63 0.00	27.40 -0.73 0.00	35.43 -0.91 0.00	34.84 -0.97 0.00	30.17 -0.81 0.00	24.68 -0.63 0.00	23.38 -0.60 0.00	23.99 -0.64 0.00	23.34 -0.60 0.00	25.10 -0.62 0.00	26.92 -0.69 0.00	28.60 -0.79 0.00	30.60 -0.78 0.00	35.63 -0.99 0.00	48.08 -1.38 -3.45	62.54 -1.65 -7.49	65.41 -1.76 -8.58	52.41 -1.46 -5.15	36.87 -1.09 -0.55	31.90 -1.02 0.00
OSWEGO___6 23613	30.83 -0.85 0.00	27.04 -0.78 0.00	23.17 -0.64 0.00	23.75 -0.66 0.00	23.62 -0.63 0.00	27.40 -0.73 0.00	35.43 -0.91 0.00	34.84 -0.97 0.00	30.17 -0.81 0.00	24.68 -0.63 0.00	23.38 -0.60 0.00	23.99 -0.64 0.00	23.34 -0.60 0.00	25.10 -0.62 0.00	26.92 -0.69 0.00	28.60 -0.79 0.00	30.60 -0.78 0.00	35.63 -0.99 0.00	48.08 -1.38 -3.45	62.54 -1.65 -7.49	65.41 -1.76 -8.58	52.41 -1.46 -5.15	36.87 -1.09 -0.55	31.90 -1.02 0.00
OUTOKUMPU-AB___DRP 24206	27.88 -3.80 0.00	24.18 -3.64 0.00	20.95 -2.86 0.00	21.39 -3.03 0.00	21.37 -2.89 0.00	24.46 -3.66 0.01	25.92 -3.63 6.78	29.41 -3.54 2.85	27.70 -3.25 0.02	22.86 -2.43 0.02	21.66 -2.30 0.01	22.23 -2.39 0.01	21.64 -2.30 0.01	23.21 -2.49 0.01	24.85 -2.73 0.02	25.34 -2.85 1.20	28.05 -3.26 0.08	33.01 -3.59 0.02	36.79 -4.19 5.03	47.59 -4.93 4.17	49.17 -4.75 4.67	41.11 -4.73 2.88	33.21 -3.89 0.31	29.47 -3.42 0.02
OXBOW___BTM 323836	27.66 -4.02 0.00	23.96 -3.87 0.00	20.64 -3.17 0.00	21.22 -3.20 0.00	21.17 -3.08 0.00	24.18 -3.94 0.01	25.67 -4.11 6.56	29.08 -3.98 2.76	27.26 -3.69 0.03	22.55 -2.73 0.03	21.42 -2.54 0.01	21.96 -2.66 0.01	21.37 -2.56 0.01	22.90 -2.80 0.01	24.57 -3.01 0.02	25.09 -3.14 1.16	27.64 -3.67 0.07	32.54 -4.07 0.02	36.21 -4.88 4.92	47.22 -5.33 4.15	47.15 -6.80 4.64	41.09 -4.77 2.86	32.69 -4.42 0.31	29.18 -3.72 0.02
OXBOW___ 24026	27.66 -4.02 0.00	23.95 -3.87 0.00	20.78 -3.02 0.00	21.21 -3.20 0.00	21.17 -3.08 0.00	24.18 -3.94 0.01	25.67 -4.11 6.56	29.08 -3.97 2.76	27.26 -3.69 0.03	22.58 -2.71 0.03	21.42 -2.54 0.01	21.98 -2.64 0.01	21.37 -2.56 0.01	22.92 -2.78 0.01	24.57 -3.01 0.02	25.09 -3.15 1.16	27.58 -3.73 0.07	32.47 -4.14 0.02	36.17 -4.92 4.92	46.82 -5.73 4.15	48.68 -5.27 4.64	40.55 -5.31 2.86	32.65 -4.45 0.31	29.18 -3.72 0.02
OXY_CHEM_DSASP 323612	27.37 -4.31 0.00	23.70 -4.12 0.00	20.57 -3.24 0.00	20.99 -3.42 0.00	20.95 -3.30 0.00	23.87 -4.25 0.01	25.35 -4.65 6.33	28.71 -4.44 2.66	26.76 -4.18 0.04	22.27 -3.01 0.03	21.13 -2.83 0.02	21.70 -2.91 0.02	21.05 -2.87 0.02	22.58 -3.11 0.02	24.21 -3.37 0.03	24.80 -3.47 1.12	27.02 -4.27 0.09	31.82 -4.76 0.04	35.45 -5.75 4.81	45.78 -6.80 4.12	47.94 -6.03 4.61	39.89 -5.99 2.84	32.00 -5.09 0.33	28.82 -4.08 0.02
OZONE_PARK_ESR 323760	33.11 1.43 0.00	29.18 1.36 0.00	24.93 1.12 0.00	25.54 1.12 0.00	25.34 1.09 0.00	29.45 1.32 0.00	37.97 1.63 0.00	37.85 2.04 0.00	32.90 1.92 0.00	27.04 1.72 0.00	25.53 1.56 0.00	26.18 1.55 0.00	25.52 1.58 0.00	27.34 1.62 0.00	29.51 1.90 0.00	31.51 2.12 0.00	33.36 1.98 0.00	39.15 2.53 0.00	48.87 2.85 0.00	59.87 3.18 0.00	61.57 2.99 0.00	51.26 2.53 0.00	39.21 1.80 0.00	34.63 1.71 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.37 -4.31 0.00	23.70 -4.12 0.00	20.57 -3.24 0.00	20.99 -3.42 0.00	20.95 -3.30 0.00	23.87 -4.25 0.01	25.35 -4.65 6.33	28.71 -4.44 2.66	26.76 -4.18 0.04	22.27 -3.01 0.03	21.13 -2.83 0.02	21.70 -2.91 0.02	21.05 -2.87 0.02	22.58 -3.11 0.02	24.21 -3.37 0.03	24.80 -3.47 1.12	27.02 -4.27 0.09	31.82 -4.76 0.04	35.45 -5.75 4.81	45.78 -6.80 4.12	47.94 -6.03 4.61	39.89 -5.99 2.84	32.00 -5.09 0.33	28.82 -4.08 0.02
PACKARD___115KV_DUPONT_184 80571	27.34 -4.34 0.00	23.70 -4.12 0.00	20.43 -3.38 0.00	20.99 -3.42 0.00	20.95 -3.30 0.00	23.87 -4.25 0.01	25.35 -4.65 6.33	28.71 -4.44 2.66	26.75 -4.18 0.04	22.25 -3.04 0.03	21.13 -2.83 0.02	21.65 -2.96 0.02	21.05 -2.87 0.02	22.56 -3.14 0.02	24.21 -3.37 0.03	24.80 -3.47 1.12	27.09 -4.20 0.09	31.89 -4.69 0.04	35.45 -5.75 4.81	46.51 -6.07 4.12	46.31 -7.67 4.61	40.71 -5.17 2.84	32.03 -5.05 0.33	28.85 -4.05 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.31 1.62 -0.01	29.32 1.50 0.00	25.07 1.26 0.00	25.68 1.27 0.00	25.49 1.24 0.00	29.59 1.46 0.00	38.14 1.82 0.01	37.95 2.15 0.01	32.92 1.95 0.01	26.78 1.47 0.01	25.29 1.32 0.01	25.93 1.31 0.01	25.30 1.36 0.01	27.10 1.39 0.01	29.23 1.63 0.01	31.27 1.88 0.01	33.45 2.07 0.01	39.32 2.71 0.01	48.17 2.16 0.00	58.96 2.27 0.00	60.58 1.99 0.00	50.52 1.80 0.00	38.72 1.31 0.00	34.43 1.51 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.72 2.03 -0.01	29.71 1.89 0.00	25.40 1.60 0.00	26.02 1.61 0.00	25.83 1.58 0.00	29.98 1.86 0.00	38.65 2.33 0.01	38.45 2.65 0.01	33.35 2.39 0.01	27.13 1.82 0.01	25.62 1.65 0.01	26.25 1.63 0.01	25.59 1.65 0.01	27.43 1.72 0.01	29.61 2.02 0.01	31.65 2.26 0.01	33.86 2.48 0.01	39.80 3.19 0.01	48.82 2.81 0.00	59.76 3.06 0.00	61.40 2.81 0.00	51.21 2.48 0.00	39.25 1.83 0.00	34.89 1.98 0.00
PATROON___115KV_TB1 80586	32.44 0.76 0.00	28.63 0.81 0.00	24.48 0.67 0.00	25.10 0.68 0.00	24.91 0.65 0.00	28.86 0.73 0.00	37.02 0.69 0.00	36.34 0.54 0.00	31.38 0.40 0.00	25.52 0.20 0.00	24.21 0.24 0.00	24.90 0.27 0.00	24.21 0.26 0.00	26.02 0.31 0.00	27.94 0.33 0.00	29.89 0.50 0.00	31.82 0.44 0.00	37.28 0.66 0.00	46.75 0.74 0.00	57.55 0.85 0.00	59.47 0.88 0.00	49.55 0.83 0.00	38.20 0.79 0.00	33.91 0.99 0.00
PATTRSNVILLE___SOLAR 323815	32.48 0.79 0.00	28.57 0.75 0.00	24.45 0.64 0.00	25.05 0.63 0.00	24.91 0.66 0.00	28.91 0.79 0.00	37.20 0.87 0.00	36.45 0.65 0.00	31.32 0.34 0.00	25.42 0.10 0.00	24.05 0.07 0.00	24.70 0.07 0.00	24.01 0.07 0.00	25.82 0.10 0.00	27.72 0.11 0.00	29.69 0.29 0.00	31.73 0.35 0.00	37.24 0.62 0.00	47.11 1.10 0.00	58.34 1.65 0.00	60.46 1.87 0.00	50.23 1.51 0.00	38.53 1.12 0.00	33.91 0.99 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.01 -3.68 0.00	24.32 -3.51 0.00	21.09 -2.71 0.00	21.56 -2.86 0.00	21.51 -2.74 0.00	24.71 -3.40 0.01	26.81 -2.00 7.52	30.68 -1.97 3.16	29.28 -1.67 0.02	23.20 -2.10 0.02	21.98 -1.99 0.00	22.54 -2.09 0.00	21.98 -1.96 0.00	23.55 -2.16 0.00	25.22 -2.37 0.01	26.42 -1.65 1.33	29.70 -1.63 0.05	34.47 -2.12 0.03	38.77 -1.89 5.36	50.34 -2.21 4.14	51.32 -2.58 4.69	43.34 -2.53 2.85	34.47 -2.62 0.32	30.00 -2.90 0.02

PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.98 1.30 0.00	29.07 1.25 0.00	24.86 1.05 0.00	25.49 1.07 0.00	25.30 1.04 0.00	29.39 1.27 0.00	38.00 1.67 0.00	37.92 2.11 0.00	32.87 1.89 0.00	26.86 1.54 0.00	25.41 1.44 0.00	26.06 1.43 0.00	25.36 1.41 0.00	27.26 1.54 0.00	29.32 1.71 0.00	31.10 1.70 0.00	33.05 1.66 0.00	38.78 2.16 0.00	48.73 2.71 0.00	59.93 3.23 0.00	61.69 3.11 0.00	51.26 2.53 0.00	39.21 1.80 0.00	34.57 1.65 0.00
PEEKSKILL____ 23653	32.76 1.08 0.00	28.88 1.06 0.00	24.74 0.93 0.00	25.29 0.88 0.00	25.12 0.87 0.00	29.17 1.04 0.00	37.64 1.31 0.00	37.38 1.57 0.00	32.43 1.46 0.00	26.61 1.29 0.00	25.15 1.17 0.00	25.79 1.16 0.00	25.14 1.20 0.00	26.95 1.23 0.00	29.04 1.43 0.00	31.01 1.62 0.00	32.86 1.48 0.00	38.41 1.79 0.00	48.22 2.21 0.00	59.25 2.55 0.00	61.16 2.57 0.00	50.72 2.00 0.00	38.83 1.42 0.00	34.27 1.35 0.00
PGE MADISON__WINDPWR 24146	32.92 1.24 0.00	28.74 0.92 0.00	24.59 0.79 0.00	25.27 0.85 0.00	25.15 0.90 0.00	29.14 1.01 0.00	39.81 1.74 -1.73	37.82 1.29 -0.73	31.69 0.71 -0.01	25.57 0.25 0.00	24.07 0.10 0.00	24.73 0.10 0.00	24.11 0.17 0.00	25.95 0.23 0.00	27.88 0.28 0.00	29.96 0.26 -0.30	31.84 0.44 -0.02	37.21 0.59 -0.01	48.35 1.56 -0.77	59.50 2.83 0.04	61.86 3.34 0.07	51.14 2.44 0.02	39.10 1.68 0.00	34.27 1.35 -0.01
PIERCEFIELD____HYD 23852	31.62 -0.06 0.00	27.65 -0.17 0.00	23.55 -0.26 0.00	24.22 -0.20 0.00	24.03 -0.22 0.00	27.90 -0.23 0.00	36.01 -0.33 0.00	35.38 -0.43 0.00	30.51 -0.46 0.00	24.91 -0.41 0.00	23.54 -0.43 0.00	24.21 -0.42 0.00	23.37 -0.57 0.00	24.99 -0.72 0.00	26.83 -0.77 0.00	28.40 -1.00 0.00	30.22 -1.16 0.00	35.16 -1.46 0.00	44.59 -1.43 0.00	55.00 -1.70 0.00	57.59 -1.00 0.00	47.99 -0.73 0.00	36.85 -0.56 0.00	32.56 -0.36 0.00
PINELAWN_CC_1 323563	35.08 2.18 -1.21	30.53 2.03 -0.68	27.33 1.76 -1.76	26.44 1.73 -0.29	28.12 1.72 -2.15	33.70 2.03 -3.54	42.48 2.62 -3.53	40.92 2.90 -2.22	33.11 2.14 0.00	27.19 1.87 0.00	25.96 1.97 -0.02	26.58 1.95 0.00	25.88 1.94 0.00	29.12 2.06 -1.35	38.36 2.32 -8.44	38.58 2.56 -6.63	34.28 2.45 -0.44	42.72 2.93 -3.17	56.21 3.68 -6.51	61.01 4.31 -0.01	63.50 4.34 -0.58	55.80 3.55 -3.52	48.34 2.73 -8.20	42.23 2.47 -6.84
PJM_GEN_HTP_PROXY 323702	32.89 1.20 0.00	28.99 1.17 0.00	24.83 1.02 0.00	25.39 0.98 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.61 1.38 0.10	37.70 1.79 -0.10	32.68 1.70 0.00	26.86 1.54 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.15 1.44 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.23 2.64 0.00	50.82 2.09 0.00	38.91 1.50 0.00	34.37 1.45 0.00
PJM_GEN_KEystone 24065	30.61 -1.08 0.00	26.85 -0.97 0.00	23.09 -0.71 0.00	23.63 -0.78 0.00	23.53 -0.73 0.00	27.17 -0.96 0.00	33.55 -0.65 2.13	34.63 -0.43 0.75	30.69 -0.28 0.01	25.08 -0.23 0.00	23.71 -0.26 0.00	24.31 -0.32 0.00	23.68 -0.26 0.00	25.38 -0.34 0.00	27.27 -0.33 0.00	28.80 -0.24 0.36	31.05 -0.31 0.02	36.28 -0.33 0.01	44.03 -0.37 1.62	54.73 -0.46 1.52	55.94 -0.94 1.71	46.85 -0.83 1.04	36.55 -0.75 0.11	32.19 -0.72 0.01
PJM_GEN_NEPTUNE_PROXY 323594	34.54 1.65 -1.21	30.06 1.56 -0.68	26.93 1.36 -1.76	26.05 1.34 -0.29	27.71 1.31 -2.15	33.24 1.57 -3.54	41.72 1.96 -3.42	40.42 2.29 -2.32	32.68 1.70 0.00	26.86 1.54 0.00	25.57 1.58 -0.02	26.23 1.60 0.00	25.52 1.58 0.00	28.74 1.67 -1.35	37.94 1.90 -8.44	38.14 2.12 -6.63	33.81 1.98 -0.44	42.17 2.38 -3.17	55.38 2.85 -6.51	59.99 3.29 -0.01	62.44 3.28 -0.58	54.92 2.68 -3.52	47.67 2.06 -8.20	41.67 1.91 -6.84
PJM_GEN_VFT_PROXY 323633	32.76 1.08 0.00	28.91 1.08 0.00	24.74 0.93 0.00	25.29 0.88 0.00	25.10 0.85 0.00	29.20 1.07 0.00	37.50 1.27 0.10	37.59 1.68 -0.10	32.65 1.67 0.00	26.83 1.52 0.00	25.32 1.34 0.00	25.96 1.33 0.00	25.31 1.36 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.25 1.85 0.00	33.05 1.66 0.00	38.60 1.98 0.00	48.31 2.30 0.00	59.25 2.55 0.00	61.10 2.52 0.00	50.67 1.95 0.00	38.80 1.39 0.00	34.27 1.35 0.00
PLATSBURG_115KV_PMLD1 355749	32.16 0.48 0.00	28.18 0.36 0.00	24.00 0.19 0.00	24.61 0.20 0.00	24.42 0.17 0.00	28.35 0.23 0.00	36.62 0.29 0.00	36.16 0.36 0.00	31.35 0.37 0.00	25.64 0.33 0.00	24.26 0.29 0.00	24.95 0.32 0.00	24.21 0.26 0.00	25.95 0.23 0.00	27.85 0.25 0.00	29.69 0.29 0.00	31.76 0.38 0.00	36.95 0.33 0.00	46.61 0.60 0.00	57.26 0.57 0.00	59.23 0.64 0.00	49.31 0.58 0.00	37.86 0.45 0.00	33.35 0.43 0.00
PLEASANTVLY____LBMP 24000	32.70 1.01 0.00	28.82 1.00 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.05 0.80 0.00	29.11 0.98 0.00	37.57 1.24 0.00	37.27 1.47 0.00	32.28 1.30 0.00	26.45 1.14 0.00	25.03 1.05 0.00	25.69 1.06 0.00	25.02 1.08 0.00	26.82 1.11 0.00	28.90 1.30 0.00	30.86 1.47 0.00	32.77 1.38 0.00	38.38 1.76 0.00	48.08 2.07 0.00	59.02 2.32 0.00	60.75 2.17 0.00	50.57 1.85 0.00	38.76 1.35 0.00	34.17 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.86 1.17 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.75 1.42 0.00	37.49 1.68 0.00	32.53 1.55 0.00	26.66 1.34 0.00	25.22 1.25 0.00	25.89 1.26 0.00	25.21 1.27 0.00	27.03 1.31 0.00	29.15 1.55 0.00	31.13 1.73 0.00	32.99 1.60 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.16 2.58 0.00	50.91 2.19 0.00	38.98 1.57 0.00	34.37 1.45 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.86 1.17 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.75 1.42 0.00	37.49 1.68 0.00	32.53 1.55 0.00	26.66 1.34 0.00	25.22 1.25 0.00	25.89 1.26 0.00	25.21 1.27 0.00	27.03 1.31 0.00	29.15 1.55 0.00	31.13 1.73 0.00	32.99 1.60 0.00	38.67 2.05 0.00	48.45 2.44 0.00	59.42 2.72 0.00	61.16 2.58 0.00	50.91 2.19 0.00	38.98 1.57 0.00	34.37 1.45 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.86 1.17 0.00	28.93 1.11 0.00	24.74 0.93 0.00	25.36 0.95 0.00	25.15 0.90 0.00	29.22 1.10 0.00	37.75 1.42 0.00	37.35 1.54 0.00	32.31 1.33 0.00	26.40 1.09 0.00	24.98 1.01 0.00	25.64 1.01 0.00	24.95 1.01 0.00	26.80 1.08 0.00	28.87 1.27 0.00	30.84 1.44 0.00	32.80 1.41 0.00	38.52 1.90 0.00	48.36 2.35 0.00	59.42 2.72 0.00	61.16 2.58 0.00	50.91 2.19 0.00	38.95 1.53 0.00	34.34 1.42 0.00
POLETTI____ 23519	32.86 1.17 0.00	28.99 1.17 0.00	24.76 0.95 0.00	25.36 0.95 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.68 1.34 0.00	37.53 1.72 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.96 1.33 0.00	25.31 1.36 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.25 1.85 0.00	33.08 1.69 0.00	38.78 2.16 0.00	48.36 2.35 0.00	59.30 2.61 0.00	60.99 2.40 0.00	50.77 2.05 0.00	38.87 1.46 0.00	34.34 1.42 0.00

POMONA___ESR 323819	32.73 1.04 0.00	28.85 1.03 0.00	24.71 0.90 0.00	25.29 0.88 0.00	25.10 0.85 0.00	29.14 1.01 0.00	37.60 1.27 0.00	37.35 1.54 0.00	32.37 1.40 0.00	26.56 1.24 0.00	25.10 1.13 0.00	25.76 1.13 0.00	25.09 1.15 0.00	26.90 1.18 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.83 1.44 0.00	38.41 1.79 0.00	48.22 2.21 0.00	59.25 2.55 0.00	61.10 2.52 0.00	50.67 1.95 0.00	38.80 1.39 0.00	34.24 1.32 0.00
PORT_JEFF_3 23555	35.37 2.47 -1.21	30.78 2.28 -0.68	27.55 1.98 -1.76	26.68 1.98 -0.29	28.34 1.94 -2.15	33.95 2.28 -3.54	42.80 2.94 -3.53	41.28 3.26 -2.22	33.33 2.35 0.00	27.39 2.08 0.00	26.15 2.16 -0.02	26.77 2.14 0.00	26.07 2.13 0.00	29.35 2.29 -1.35	38.61 2.57 -8.44	38.79 2.76 -6.63	34.46 2.64 -0.44	42.87 3.08 -3.17	56.43 3.91 -6.51	61.13 4.43 -0.01	63.62 4.45 -0.58	56.14 3.90 -3.52	48.56 2.95 -8.20	42.49 2.73 -6.84
PORT_JEFF_4 23616	35.37 2.47 -1.21	30.78 2.28 -0.68	27.55 1.98 -1.76	26.68 1.98 -0.29	28.34 1.94 -2.15	33.95 2.28 -3.54	42.80 2.94 -3.53	41.28 3.26 -2.22	33.33 2.35 0.00	27.39 2.08 0.00	26.15 2.16 -0.02	26.77 2.14 0.00	26.07 2.13 0.00	29.35 2.29 -1.35	38.61 2.57 -8.44	38.79 2.76 -6.63	34.46 2.64 -0.44	42.87 3.08 -3.17	56.43 3.91 -6.51	61.13 4.43 -0.01	63.62 4.45 -0.58	56.14 3.90 -3.52	48.56 2.95 -8.20	42.49 2.73 -6.84
PORT_JEFF_IC 23713	35.43 2.53 -1.21	30.84 2.34 -0.68	27.57 2.00 -1.76	26.73 2.03 -0.29	28.39 1.99 -2.15	34.00 2.33 -3.54	42.87 3.02 -3.53	41.32 3.29 -2.22	33.36 2.39 0.00	27.42 2.10 0.00	26.20 2.21 -0.02	26.82 2.19 0.00	26.12 2.18 0.00	29.41 2.34 -1.35	38.66 2.62 -8.44	38.88 2.85 -6.63	34.53 2.70 -0.44	43.09 3.30 -3.17	56.53 4.00 -6.51	61.29 4.59 0.00	63.62 4.45 -0.58	56.24 4.00 -3.52	48.68 3.07 -8.20	42.56 2.80 -6.84
PPL PILGRIM_ST_GT1 24216	35.33 2.44 -1.21	30.75 2.25 -0.68	27.55 1.98 -1.76	26.66 1.95 -0.29	28.34 1.94 -2.15	33.95 2.28 -3.54	42.80 2.94 -3.53	41.25 3.22 -2.22	33.33 2.35 0.00	27.39 2.08 0.00	26.15 2.16 -0.02	26.77 2.14 0.00	26.07 2.13 0.00	29.35 2.29 -1.35	38.58 2.54 -8.44	38.82 2.79 -6.63	34.49 2.67 -0.44	42.97 3.18 -3.17	56.52 4.00 -6.51	61.36 4.65 -0.01	63.85 4.69 -0.58	56.14 3.90 -3.52	48.64 3.03 -8.20	42.49 2.73 -6.84
PPL PILGRIM_ST_GT2 24217	35.33 2.44 -1.21	30.75 2.25 -0.68	27.55 1.98 -1.76	26.66 1.95 -0.29	28.34 1.94 -2.15	33.95 2.28 -3.54	42.80 2.94 -3.53	41.25 3.22 -2.22	33.33 2.35 0.00	27.39 2.08 0.00	26.15 2.16 -0.02	26.77 2.14 0.00	26.07 2.13 0.00	29.35 2.29 -1.35	38.58 2.54 -8.44	38.82 2.79 -6.63	34.49 2.67 -0.44	42.97 3.18 -3.17	56.52 4.00 -6.51	61.36 4.65 -0.01	63.85 4.69 -0.58	56.14 3.90 -3.52	48.64 3.03 -8.20	42.49 2.73 -6.84
PPL_SHRM_GT3 24213	35.58 2.69 -1.21	30.98 2.48 -0.68	27.72 2.14 -1.76	26.85 2.15 -0.29	28.51 2.11 -2.15	34.15 2.48 -3.54	43.06 3.20 -3.53	41.50 3.47 -2.22	33.46 2.48 0.00	27.49 2.18 0.00	26.27 2.28 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.46 2.39 -1.35	38.72 2.68 -8.44	38.85 2.82 -6.63	34.37 2.54 -0.44	42.87 3.08 -3.17	56.52 4.00 -6.51	61.01 4.31 -0.01	63.50 4.34 -0.58	56.53 4.29 -3.52	48.83 3.22 -8.20	42.69 2.93 -6.84
PPL_SHRM_GT4 24214	35.58 2.69 -1.21	30.98 2.48 -0.68	27.72 2.14 -1.76	26.85 2.15 -0.29	28.51 2.11 -2.15	34.15 2.48 -3.54	43.06 3.20 -3.53	41.50 3.47 -2.22	33.46 2.48 0.00	27.49 2.18 0.00	26.27 2.28 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.46 2.39 -1.35	38.72 2.68 -8.44	38.85 2.82 -6.63	34.37 2.54 -0.44	42.87 3.08 -3.17	56.52 4.00 -6.51	61.01 4.31 -0.01	63.50 4.34 -0.58	56.53 4.29 -3.52	48.83 3.22 -8.20	42.69 2.93 -6.84
PROJECT___ORANGE 1 24174	31.08 -0.60 0.00	27.26 -0.56 0.00	23.36 -0.45 0.00	23.95 -0.46 0.00	23.82 -0.44 0.00	27.65 -0.48 0.00	35.79 -0.54 0.00	35.16 -0.64 0.00	30.45 -0.53 0.00	24.91 -0.41 0.00	23.59 -0.38 0.00	24.24 -0.39 0.00	23.56 -0.38 0.00	25.33 -0.39 0.00	27.19 -0.41 0.00	28.87 -0.53 0.00	30.91 -0.47 0.00	36.00 -0.62 0.00	44.70 -0.83 0.48	54.86 -0.79 1.05	56.51 -0.88 1.20	47.17 -0.83 0.72	36.70 -0.64 0.08	32.29 -0.63 0.00
PROJECT___ORANGE 2 24166	31.08 -0.60 0.00	27.26 -0.56 0.00	23.36 -0.45 0.00	23.95 -0.46 0.00	23.82 -0.44 0.00	27.65 -0.48 0.00	35.79 -0.54 0.00	35.16 -0.64 0.00	30.45 -0.53 0.00	24.91 -0.41 0.00	23.59 -0.38 0.00	24.24 -0.39 0.00	23.56 -0.38 0.00	25.33 -0.39 0.00	27.19 -0.41 0.00	28.87 -0.53 0.00	30.91 -0.47 0.00	36.00 -0.62 0.00	44.70 -0.83 0.48	54.86 -0.79 1.05	56.51 -0.88 1.20	47.17 -0.83 0.72	36.70 -0.64 0.08	32.29 -0.63 0.00
PUCKETT___SOLAR 323809	31.56 -0.13 0.00	27.66 -0.17 0.00	23.69 -0.12 0.00	24.32 -0.10 0.00	24.20 -0.05 0.00	28.05 -0.08 0.00	37.74 0.29 -1.11	36.34 0.07 -0.47	30.92 -0.06 0.00	25.09 -0.23 0.00	23.66 -0.31 0.00	24.29 -0.34 0.00	23.66 -0.29 0.00	25.41 -0.31 0.00	27.28 -0.33 0.00	29.32 -0.27 -0.19	31.21 -0.19 0.00	36.52 -0.11 0.00	46.58 0.18 -0.38	57.05 0.62 0.28	58.84 0.59 0.34	48.92 0.39 0.19	37.58 0.19 0.02	32.96 0.03 0.00
PYRITES___HYD 24023	32.13 0.44 0.00	28.10 0.28 0.00	23.93 0.12 0.00	24.63 0.22 0.00	24.45 0.19 0.00	28.35 0.23 0.00	36.62 0.29 0.00	35.91 0.11 0.00	30.88 -0.09 0.00	25.16 -0.15 0.00	23.78 -0.19 0.00	24.46 -0.17 0.00	23.66 -0.29 0.00	25.33 -0.39 0.00	27.19 -0.41 0.00	28.84 -0.56 0.00	30.76 -0.63 0.00	35.81 -0.81 0.00	45.51 -0.51 0.00	56.24 -0.45 0.00	58.94 0.35 0.00	49.01 0.29 0.00	37.60 0.19 0.00	33.18 0.26 0.00
QUAKERRD_115KV_BK1 80622	29.47 -2.22 0.00	25.68 -2.14 0.00	22.12 -1.69 0.00	22.65 -1.76 0.00	22.56 -1.70 0.00	26.10 -2.03 0.00	32.17 -2.72 1.44	32.48 -2.72 0.60	28.80 -2.17 0.00	23.87 -1.44 0.00	22.61 -1.37 0.00	23.25 -1.38 0.00	22.55 -1.39 0.00	24.27 -1.44 0.00	26.03 -1.57 0.00	26.94 -2.20 0.25	29.20 -2.17 0.02	34.27 -2.34 0.01	40.85 -3.08 2.08	50.14 -3.46 3.10	51.49 -3.57 3.52	43.13 -3.46 2.13	34.75 -2.43 0.23	30.71 -2.21 0.00
QUENSBRY_115KV_TB8 356137	33.05 1.36 0.00	29.13 1.31 0.00	24.88 1.07 0.00	25.51 1.10 0.00	25.37 1.12 0.00	29.48 1.35 0.00	37.93 1.60 0.00	37.06 1.25 0.00	31.91 0.93 0.00	25.80 0.48 0.00	24.41 0.43 0.00	25.07 0.44 0.00	24.40 0.45 0.00	26.28 0.57 0.00	28.16 0.55 0.00	30.28 0.88 0.00	32.33 0.94 0.00	37.98 1.35 0.00	48.13 2.12 0.00	59.70 3.00 0.00	61.81 3.22 0.00	51.45 2.73 0.00	39.36 1.95 0.00	34.66 1.74 0.00
RAMAPO___LBMP 323565	32.63 0.95 0.00	28.77 0.95 0.00	24.62 0.81 0.00	25.22 0.81 0.00	25.03 0.78 0.00	29.06 0.93 0.00	37.49 1.16 0.00	37.24 1.43 0.00	32.28 1.30 0.00	26.51 1.19 0.00	25.05 1.08 0.00	25.71 1.08 0.00	25.04 1.10 0.00	26.82 1.11 0.00	28.90 1.30 0.00	30.86 1.47 0.00	32.73 1.35 0.00	38.38 1.76 0.00	48.04 2.02 0.00	59.02 2.32 0.00	60.70 2.11 0.00	50.48 1.75 0.00	38.68 1.27 0.00	34.10 1.19 0.00



RANKINE____ 23646	28.17 -3.52 0.00	24.46 -3.37 0.00	21.21 -2.60 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.26 -2.87 8.20	29.53 -2.83 3.44	28.60 -2.35 0.03	23.27 -2.03 0.02	22.05 -1.92 0.00	22.63 -2.00 0.00	22.03 -1.92 0.00	23.60 -2.11 0.00	25.30 -2.29 0.01	25.57 -2.38 1.45	28.91 -2.39 0.09	33.92 -2.67 0.03	37.15 -3.08 5.78	48.73 -3.57 4.40	49.92 -3.75 4.92	41.98 -3.70 3.04	34.05 -3.03 0.34	29.93 -2.96 0.03
RAVENSWOOD_GT2_1 24244	32.89 1.20 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.82 2.20 0.00	48.40 2.39 0.00	59.36 2.66 0.00	60.99 2.40 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD_GT2_2 24245	32.89 1.20 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.82 2.20 0.00	48.40 2.39 0.00	59.36 2.66 0.00	60.99 2.40 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD_GT2_3 24246	32.89 1.20 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.68 1.70 0.00	26.83 1.52 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.16 1.44 0.00	29.29 1.68 0.00	31.28 1.88 0.00	33.11 1.73 0.00	38.82 2.20 0.00	48.45 2.44 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.82 2.10 0.00	38.91 1.50 0.00	34.40 1.48 0.00
RAVENSWOOD_GT2_4 24247	32.89 1.20 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.68 1.70 0.00	26.83 1.52 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.16 1.44 0.00	29.29 1.68 0.00	31.28 1.88 0.00	33.11 1.73 0.00	38.82 2.20 0.00	48.45 2.44 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.82 2.10 0.00	38.91 1.50 0.00	34.40 1.48 0.00
RAVENSWOOD_GT3_1 24248	32.89 1.20 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.11 1.73 0.00	38.82 2.20 0.00	48.40 2.39 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD_GT3_2 24249	32.89 1.20 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.11 1.73 0.00	38.82 2.20 0.00	48.40 2.39 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD_GT3_3 24250	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.75 1.42 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.36 1.41 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.31 1.91 0.00	33.14 1.76 0.00	38.85 2.23 0.00	48.50 2.48 0.00	59.42 2.72 0.00	61.11 2.52 0.00	50.87 2.14 0.00	38.95 1.53 0.00	34.40 1.48 0.00
RAVENSWOOD_GT3_4 24251	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.75 1.42 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.86 1.54 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.36 1.41 0.00	27.18 1.47 0.00	29.32 1.71 0.00	31.31 1.91 0.00	33.14 1.76 0.00	38.85 2.23 0.00	48.50 2.48 0.00	59.42 2.72 0.00	61.11 2.52 0.00	50.87 2.14 0.00	38.95 1.53 0.00	34.40 1.48 0.00
RAVENSWOOD_GT_1 23729	33.01 1.33 0.00	29.10 1.28 0.00	24.86 1.05 0.00	25.46 1.05 0.00	25.27 1.02 0.00	29.37 1.24 0.00	37.75 1.42 0.00	37.63 1.83 0.00	32.74 1.77 0.00	26.94 1.62 0.00	25.44 1.46 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.24 1.85 0.00	38.96 2.34 0.00	48.40 2.39 0.00	59.30 2.61 0.00	60.93 2.34 0.00	50.77 2.05 0.00	38.95 1.53 0.00	34.50 1.58 0.00
RAVENSWOOD_GT_10 24258	32.86 1.17 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.82 2.20 0.00	48.40 2.39 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD_GT_11 24259	32.86 1.17 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.82 2.20 0.00	48.40 2.39 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD_GT_4 24252	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.68 1.70 0.00	26.83 1.52 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.36 1.41 0.00	27.19 1.47 -0.01	29.32 1.71 -0.01	31.31 1.91 -0.01	33.14 1.76 0.00	38.85 2.23 0.00	48.40 2.39 0.00	59.30 2.61 0.00	60.99 2.40 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.40 1.48 0.00
RAVENSWOOD_GT_5 24254	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.68 1.70 0.00	26.83 1.52 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.36 1.41 0.00	27.19 1.47 -0.01	29.32 1.71 -0.01	31.31 1.91 -0.01	33.14 1.76 0.00	38.85 2.23 0.00	48.40 2.39 0.00	59.30 2.61 0.00	60.99 2.40 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.40 1.48 0.00
RAVENSWOOD_GT_6 24253	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.68 1.70 0.00	26.83 1.52 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.36 1.41 0.00	27.19 1.47 -0.01	29.32 1.71 -0.01	31.31 1.91 -0.01	33.14 1.76 0.00	38.85 2.23 0.00	48.40 2.39 0.00	59.30 2.61 0.00	60.99 2.40 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.40 1.48 0.00

RAVENSWOOD_GT_7 24255	32.92 1.24 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.31 1.18 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.68 1.70 0.00	26.83 1.52 0.00	25.36 1.39 0.00	26.01 1.38 0.00	25.36 1.41 0.00	27.19 1.47 -0.01	29.32 1.71 -0.01	31.31 1.91 -0.01	33.14 1.76 0.00	38.85 2.23 0.00	48.40 2.39 0.00	59.30 2.61 0.00	60.99 2.40 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.40 1.48 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.86 1.17 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.82 2.20 0.00	48.40 2.39 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD_GT_9 24257	32.86 1.17 0.00	28.99 1.17 0.00	24.78 0.98 0.00	25.39 0.98 0.00	25.20 0.95 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.81 1.49 0.00	25.32 1.34 0.00	25.96 1.33 0.00	25.33 1.39 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.82 2.20 0.00	48.40 2.39 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD___1 23533	32.98 1.30 0.00	29.10 1.28 0.00	24.90 1.10 0.00	25.46 1.05 0.00	25.27 1.02 0.00	29.34 1.21 0.00	37.75 1.42 0.00	37.60 1.79 0.00	32.74 1.76 0.00	26.94 1.62 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.20 1.82 0.00	38.78 2.16 0.00	48.40 2.39 0.00	59.25 2.55 0.00	61.10 2.52 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.47 1.55 0.00
RAVENSWOOD___2 23534	32.98 1.30 0.00	29.07 1.25 0.00	24.90 1.10 0.00	25.44 1.03 0.00	25.27 1.02 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.74 1.76 0.00	26.94 1.62 0.00	25.41 1.44 0.00	26.08 1.45 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.40 2.00 -0.01	33.20 1.82 0.00	38.74 2.12 0.00	48.40 2.39 0.00	59.25 2.55 0.00	61.10 2.52 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.47 1.55 0.00
RAVENSWOOD___3 23535	32.89 1.20 0.00	28.99 1.17 0.00	24.83 1.02 0.00	25.39 0.98 0.00	25.20 0.94 0.00	29.28 1.15 0.00	37.71 1.38 0.00	37.56 1.75 0.00	32.65 1.67 0.00	26.83 1.52 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.33 1.39 0.00	27.15 1.44 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.08 1.69 0.00	38.67 2.05 0.00	48.40 2.39 0.00	59.36 2.67 0.00	61.23 2.64 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.37 1.45 0.00
RAVENSWOOD___4 23820	32.98 1.30 0.00	29.07 1.25 0.00	24.88 1.07 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.71 1.73 0.00	26.94 1.62 0.00	25.41 1.44 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.26 1.54 -0.01	29.38 1.77 -0.01	31.40 2.00 -0.01	33.17 1.79 0.00	38.74 2.12 0.00	48.40 2.39 0.00	59.25 2.55 0.00	61.10 2.52 0.00	50.77 2.05 0.00	38.87 1.46 0.00	34.43 1.52 0.00
RCPL_TRUST___DRP 24196	33.05 1.36 0.00	29.13 1.31 0.00	24.90 1.10 0.00	25.51 1.10 0.00	25.32 1.07 0.00	29.45 1.32 0.00	37.97 1.63 0.00	37.85 2.04 0.00	32.93 1.95 0.00	27.06 1.75 0.00	25.53 1.56 0.00	26.18 1.55 0.00	25.55 1.60 0.00	27.36 1.65 0.00	29.51 1.90 0.00	31.51 2.12 0.00	33.36 1.98 0.00	39.11 2.49 0.00	48.77 2.76 0.00	59.81 3.12 0.00	61.46 2.87 0.00	51.11 2.39 0.00	39.13 1.72 0.00	34.57 1.65 0.00
RED___ROCHESTER 323720	29.97 -1.71 0.00	26.07 -1.75 0.00	22.40 -1.40 0.00	23.02 -1.39 0.00	22.92 -1.33 0.00	26.49 -1.63 0.00	32.82 -2.11 1.41	33.10 -2.11 0.59	29.36 -1.61 0.00	24.35 -0.96 0.00	23.09 -0.89 0.00	23.72 -0.91 0.00	23.03 -0.91 0.00	24.71 -1.00 0.00	26.58 -1.02 0.00	27.50 -1.65 0.25	29.86 -1.51 0.02	35.08 -1.54 0.01	41.87 -2.07 2.07	51.39 -2.21 3.10	52.01 -3.05 3.53	44.15 -2.43 2.13	35.58 -1.61 0.23	31.34 -1.58 0.00
REGAN___SOLAR 323812	32.98 1.30 0.00	29.02 1.20 0.00	24.81 1.00 0.00	25.44 1.03 0.00	25.32 1.07 0.00	29.39 1.27 0.00	37.60 1.27 0.00	36.38 0.57 0.00	31.01 0.03 0.00	24.99 -0.33 0.00	23.57 -0.41 0.00	24.23 -0.40 0.00	23.58 -0.36 0.00	25.38 -0.34 0.00	27.19 -0.41 0.00	29.28 -0.12 0.00	31.42 0.03 0.00	37.10 0.47 0.00	47.44 1.43 0.00	59.31 2.61 0.00	61.69 3.10 0.00	51.30 2.58 0.00	39.24 1.83 0.00	34.50 1.58 0.00
RENSSELAER___COGEN 23796	32.28 0.60 0.00	28.46 0.64 0.00	24.38 0.57 0.00	24.97 0.56 0.00	24.79 0.53 0.00	28.72 0.59 0.00	36.84 0.51 0.00	36.20 0.39 0.00	31.22 0.25 0.00	25.42 0.10 0.00	24.12 0.14 0.00	24.83 0.20 0.00	24.11 0.17 0.00	25.95 0.23 0.00	27.82 0.22 0.00	29.78 0.38 0.00	31.70 0.31 0.00	37.10 0.47 0.00	46.52 0.51 0.00	57.26 0.57 0.00	59.29 0.71 0.00	49.26 0.54 0.00	37.97 0.56 0.00	33.71 0.79 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.81 2.12 0.00	29.85 2.03 0.00	25.45 1.64 0.00	26.12 1.71 0.00	25.97 1.72 0.00	30.21 2.08 0.00	38.80 2.47 0.00	37.60 1.79 0.00	32.40 1.42 0.00	26.05 0.73 0.00	24.60 0.62 0.00	25.25 0.62 0.00	24.59 0.65 0.00	26.49 0.77 0.00	28.29 0.69 0.00	30.54 1.15 0.00	32.61 1.22 0.00	38.41 1.79 0.00	49.05 3.04 0.00	61.18 4.48 0.00	63.51 4.92 0.00	52.86 4.14 0.00	40.41 2.99 0.00	35.55 2.63 0.00
REVERE_CPPR_DRP 24186	32.32 0.63 0.00	28.27 0.45 0.00	24.19 0.38 0.00	24.83 0.42 0.00	24.69 0.44 0.00	28.63 0.51 0.00	37.13 0.80 0.00	36.38 0.57 0.00	31.29 0.31 0.00	25.44 0.13 0.00	24.05 0.07 0.00	24.73 0.10 0.00	24.06 0.12 0.00	25.92 0.21 0.00	27.83 0.22 0.00	29.54 0.15 0.00	31.57 0.19 0.00	36.84 0.22 0.00	46.55 0.74 0.20	57.68 1.42 0.43	59.91 1.82 0.50	49.69 1.27 0.30	38.32 0.94 0.03	33.68 0.76 0.00
REYNLDDPA_13_KV_LD 356490	32.00 0.32 0.00	28.07 0.25 0.00	23.93 0.12 0.00	24.58 0.17 0.00	24.37 0.12 0.00	28.30 0.17 0.00	36.51 0.18 0.00	35.99 0.18 0.00	31.16 0.19 0.00	25.49 0.18 0.00	24.12 0.14 0.00	24.80 0.17 0.00	24.09 0.14 0.00	25.82 0.10 0.00	27.69 0.08 0.00	29.48 0.09 0.00	31.54 0.16 0.00	36.66 0.04 0.00	46.24 0.23 0.00	56.24 -0.46 0.00	58.24 -0.35 0.00	48.97 0.24 0.00	37.64 0.23 0.00	33.12 0.20 0.00
REYNOLDS_115KV_TB3 80639	32.51 0.82 0.00	28.66 0.83 0.00	24.50 0.69 0.00	25.12 0.71 0.00	24.96 0.70 0.00	28.92 0.79 0.00	37.17 0.84 0.00	36.56 0.75 0.00	31.56 0.59 0.00	25.67 0.35 0.00	24.36 0.38 0.00	25.07 0.44 0.00	24.35 0.41 0.00	26.20 0.49 0.00	28.13 0.52 0.00	30.07 0.68 0.00	32.04 0.66 0.00	37.54 0.92 0.00	47.07 1.06 0.00	57.83 1.13 0.00	59.76 1.17 0.00	49.84 1.12 0.00	38.35 0.94 0.00	33.94 1.02 0.00

RIVERBAY____ 323610	33.72 2.03 -0.01	29.71 1.89 0.00	25.40 1.60 0.00	26.02 1.61 0.00	25.83 1.58 0.00	29.98 1.86 0.00	38.65 2.33 0.01	38.45 2.65 0.01	33.35 2.39 0.01	27.13 1.82 0.01	25.62 1.65 0.01	26.25 1.63 0.01	25.59 1.65 0.01	27.43 1.72 0.01	29.61 2.02 0.01	31.65 2.26 0.01	33.86 2.48 0.01	39.80 3.19 0.01	48.82 2.81 0.00	59.76 3.06 0.00	61.40 2.81 0.00	51.21 2.48 0.00	39.25 1.83 0.00	34.89 1.98 0.00
RIVERSIDE_115KV_TB3 55908	32.44 0.76 0.00	28.60 0.78 0.00	24.48 0.67 0.00	25.07 0.66 0.00	24.91 0.65 0.00	28.86 0.73 0.00	37.02 0.69 0.00	36.38 0.57 0.00	31.41 0.43 0.00	25.57 0.25 0.00	24.26 0.29 0.00	24.95 0.32 0.00	24.25 0.31 0.00	26.08 0.36 0.00	27.99 0.39 0.00	29.95 0.56 0.00	31.89 0.50 0.00	37.35 0.73 0.00	46.84 0.83 0.00	57.60 0.91 0.00	59.52 0.94 0.00	49.60 0.88 0.00	38.20 0.79 0.00	33.87 0.95 0.00
ROARING____BROOK_WT_PWR 323790	31.62 -0.06 0.00	27.77 -0.06 0.00	23.76 -0.05 0.00	24.36 -0.05 0.00	24.20 -0.05 0.00	28.07 -0.06 0.00	36.22 -0.11 0.00	35.70 -0.11 0.00	30.91 -0.06 0.00	25.24 -0.08 0.00	23.90 -0.07 0.00	24.51 -0.12 0.00	23.80 -0.14 0.00	25.51 -0.21 0.00	27.38 -0.22 0.00	29.13 -0.27 0.00	31.10 -0.28 0.00	36.33 -0.29 0.00	45.74 -0.27 0.00	56.36 -0.34 0.00	58.24 -0.35 0.00	48.48 -0.24 0.00	37.23 -0.19 0.00	32.79 -0.13 0.00
ROCHESRG_115KV_T4 355643	29.66 -2.03 0.00	25.82 -2.00 0.00	22.26 -1.55 0.00	22.80 -1.61 0.00	22.70 -1.55 0.00	26.24 -1.88 0.00	32.23 -2.47 1.63	32.65 -2.47 0.68	29.05 -1.92 0.01	24.12 -1.19 0.00	22.85 -1.13 0.00	23.50 -1.13 0.00	22.79 -1.15 0.00	24.51 -1.21 0.00	26.28 -1.33 0.00	27.11 -2.00 0.29	29.42 -1.95 0.02	34.56 -2.05 0.01	41.03 -2.76 2.22	50.49 -3.00 3.20	51.84 -3.11 3.64	43.40 -3.12 2.20	35.01 -2.17 0.24	30.94 -1.98 0.01
ROCHESTER_9_IC 23652	29.88 -1.81 0.00	25.99 -1.84 0.00	22.40 -1.40 0.00	22.95 -1.46 0.00	22.85 -1.41 0.00	26.41 -1.72 0.00	32.81 -2.22 1.31	33.00 -2.26 0.55	29.24 -1.73 0.00	24.30 -1.01 0.00	23.02 -0.96 0.00	23.67 -0.96 0.00	22.94 -1.01 0.00	24.69 -1.03 0.00	26.50 -1.10 0.00	27.40 -1.76 0.23	29.68 -1.69 0.02	34.89 -1.72 0.00	41.70 -2.30 2.01	51.20 -2.44 3.06	52.59 -2.52 3.48	43.94 -2.68 2.10	35.35 -1.83 0.23	31.20 -1.71 0.00
ROCKVIEW_13_KV_LD 356306	32.95 1.27 0.00	29.05 1.22 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.31 1.18 0.00	37.86 1.53 0.00	37.63 1.83 0.00	32.65 1.67 0.00	26.78 1.47 0.00	25.34 1.37 0.00	25.98 1.35 0.00	25.31 1.36 0.00	27.13 1.41 0.00	29.26 1.66 0.00	31.28 1.88 0.00	33.11 1.73 0.00	38.82 2.20 0.00	48.59 2.58 0.00	59.64 2.95 0.00	61.40 2.81 0.00	51.06 2.34 0.00	39.10 1.68 0.00	34.47 1.55 0.00
ROME____115KV_TB2 80656	32.32 0.63 0.00	28.27 0.45 0.00	24.19 0.38 0.00	24.83 0.42 0.00	24.69 0.44 0.00	28.63 0.51 0.00	37.13 0.80 0.00	36.38 0.57 0.00	31.29 0.31 0.00	25.44 0.13 0.00	24.05 0.07 0.00	24.73 0.10 0.00	24.06 0.12 0.00	25.92 0.21 0.00	27.83 0.22 0.00	29.54 0.15 0.00	31.57 0.19 0.00	36.84 0.22 0.00	46.55 0.74 0.20	57.68 1.42 0.43	59.91 1.82 0.50	49.69 1.27 0.30	38.32 0.94 0.03	33.68 0.76 0.00
ROSETON____1 23587	32.67 0.98 0.00	28.79 0.97 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.05 0.80 0.00	29.08 0.96 0.00	37.53 1.20 0.00	37.24 1.43 0.00	32.28 1.30 0.00	26.46 1.14 0.00	25.03 1.05 0.00	25.69 1.06 0.00	24.99 1.05 0.00	26.82 1.10 0.00	28.88 1.27 0.00	30.86 1.47 0.00	32.70 1.32 0.00	38.27 1.65 0.00	48.03 2.02 0.00	59.02 2.33 0.00	60.93 2.35 0.00	50.53 1.80 0.00	38.72 1.31 0.00	34.14 1.22 0.00
ROSETON____2 23588	32.67 0.98 0.00	28.79 0.97 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.05 0.80 0.00	29.08 0.96 0.00	37.53 1.20 0.00	37.24 1.43 0.00	32.28 1.30 0.00	26.46 1.14 0.00	25.03 1.05 0.00	25.69 1.06 0.00	24.99 1.05 0.00	26.82 1.10 0.00	28.88 1.27 0.00	30.86 1.47 0.00	32.70 1.32 0.00	38.27 1.65 0.00	48.03 2.02 0.00	59.02 2.33 0.00	60.93 2.35 0.00	50.53 1.80 0.00	38.72 1.31 0.00	34.14 1.22 0.00
ROTTDRAM_115KV_TB3 80664	32.38 0.70 0.00	28.49 0.67 0.00	24.36 0.55 0.00	24.97 0.56 0.00	24.81 0.56 0.00	28.77 0.65 0.00	37.13 0.80 0.00	36.49 0.68 0.00	31.50 0.53 0.00	25.64 0.33 0.00	24.29 0.31 0.00	24.95 0.32 0.00	24.28 0.34 0.00	26.10 0.39 0.00	28.02 0.41 0.00	29.95 0.56 0.00	31.95 0.56 0.00	37.43 0.81 0.00	47.12 1.10 0.00	58.06 1.36 0.00	60.05 1.46 0.00	49.99 1.27 0.00	38.35 0.94 0.00	33.78 0.86 0.00
RUSSELL____1 23602	29.97 -1.71 0.00	26.04 -1.78 0.00	22.48 -1.33 0.00	23.02 -1.39 0.00	22.92 -1.33 0.00	26.49 -1.63 0.00	32.82 -2.11 1.41	33.10 -2.11 0.59	29.36 -1.61 0.00	24.38 -0.94 0.00	23.09 -0.89 0.00	23.77 -0.86 0.00	23.03 -0.91 0.00	24.79 -0.93 0.00	26.58 -1.02 0.00	27.50 -1.65 0.25	29.80 -1.57 0.02	35.04 -1.57 0.01	41.87 -2.07 2.07	51.50 -2.10 3.10	52.89 -2.17 3.53	44.15 -2.44 2.13	35.54 -1.65 0.23	31.30 -1.61 0.00
RUSSELL____2 23532	29.97 -1.71 0.00	26.04 -1.78 0.00	22.48 -1.33 0.00	23.02 -1.39 0.00	22.92 -1.33 0.00	26.49 -1.63 0.00	32.82 -2.11 1.41	33.10 -2.11 0.59	29.36 -1.61 0.00	24.38 -0.94 0.00	23.09 -0.89 0.00	23.77 -0.86 0.00	23.03 -0.91 0.00	24.79 -0.93 0.00	26.58 -1.02 0.00	27.50 -1.65 0.25	29.80 -1.57 0.02	35.04 -1.57 0.01	41.87 -2.07 2.07	51.50 -2.10 3.10	52.89 -2.17 3.53	44.15 -2.44 2.13	35.54 -1.65 0.23	31.30 -1.61 0.00
RUSSELL____3 23549	29.97 -1.71 0.00	26.04 -1.78 0.00	22.48 -1.33 0.00	23.02 -1.39 0.00	22.92 -1.33 0.00	26.49 -1.63 0.00	32.82 -2.11 1.41	33.10 -2.11 0.59	29.36 -1.61 0.00	24.38 -0.94 0.00	23.09 -0.89 0.00	23.77 -0.86 0.00	23.03 -0.91 0.00	24.79 -0.93 0.00	26.58 -1.02 0.00	27.50 -1.65 0.25	29.80 -1.57 0.02	35.04 -1.57 0.01	41.87 -2.07 2.07	51.50 -2.10 3.10	52.89 -2.17 3.53	44.15 -2.44 2.13	35.54 -1.65 0.23	31.30 -1.61 0.00
RUSSELL____4 23556	29.97 -1.71 0.00	26.04 -1.78 0.00	22.48 -1.33 0.00	23.02 -1.39 0.00	22.92 -1.33 0.00	26.49 -1.63 0.00	32.82 -2.11 1.41	33.10 -2.11 0.59	29.36 -1.61 0.00	24.38 -0.94 0.00	23.09 -0.89 0.00	23.77 -0.86 0.00	23.03 -0.91 0.00	24.79 -0.93 0.00	26.58 -1.02 0.00	27.50 -1.65 0.25	29.80 -1.57 0.02	35.04 -1.57 0.01	41.87 -2.07 2.07	51.50 -2.10 3.10	52.89 -2.17 3.53	44.15 -2.44 2.13	35.54 -1.65 0.23	31.30 -1.61 0.00
RUSSELL____STATION 23914	29.97 -1.71 0.00	26.04 -1.78 0.00	22.48 -1.33 0.00	23.02 -1.39 0.00	22.92 -1.33 0.00	26.49 -1.63 0.00	32.82 -2.11 1.41	33.10 -2.11 0.59	29.36 -1.61 0.00	24.38 -0.94 0.00	23.09 -0.89 0.00	23.77 -0.86 0.00	23.03 -0.91 0.00	24.79 -0.93 0.00	26.58 -1.02 0.00	27.50 -1.65 0.25	29.80 -1.57 0.02	35.04 -1.57 0.01	41.87 -2.07 2.07	51.50 -2.10 3.10	52.89 -2.17 3.53	44.15 -2.44 2.13	35.54 -1.65 0.23	31.30 -1.61 0.00

S SALMON___HYD 24043	31.30 -0.38 0.00	27.40 -0.42 0.00	23.43 -0.38 0.00	24.07 -0.34 0.00	23.94 -0.32 0.00	27.76 -0.37 0.00	35.97 -0.36 0.00	35.27 -0.54 0.00	30.39 -0.59 0.00	24.78 -0.53 0.00	23.45 -0.53 0.00	24.06 -0.57 0.00	23.42 -0.53 0.00	25.20 -0.51 0.00	27.02 -0.58 0.00	28.66 -0.73 0.00	30.69 -0.69 0.00	35.78 -0.84 0.00	45.39 -0.92 -0.30	56.72 -0.62 -0.65	58.86 -0.47 -0.74	48.68 -0.49 -0.45	37.05 -0.41 -0.05	32.49 -0.43 0.00
S.PERRY___115KV_TB1 80734	30.61 -1.08 0.00	26.63 -1.20 0.00	22.98 -0.83 0.00	23.56 -0.85 0.00	23.50 -0.75 0.00	27.27 -0.90 -0.04	61.52 -0.73 -25.92	45.45 -1.22 -10.86	29.88 -1.18 -0.08	24.41 -0.96 -0.05	22.99 -0.98 0.00	23.60 -1.03 0.00	22.89 -1.05 0.00	24.61 -1.11 0.00	26.46 -1.19 -0.04	32.41 -1.53 -4.55	30.30 -1.38 -0.30	35.47 -1.25 -0.10	58.79 -1.01 -13.79	61.01 0.00 -4.32	63.33 0.23 -4.51	51.28 -0.44 -3.00	37.35 -0.41 -0.35	32.28 -0.72 -0.08
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.07 -3.61 0.00	24.34 -3.48 0.00	21.09 -2.71 0.00	21.56 -2.86 0.00	21.51 -2.74 0.00	24.71 -3.40 0.01	25.42 -3.52 7.38	29.27 -3.44 3.10	28.10 -2.85 0.02	23.15 -2.15 0.02	21.94 -2.04 0.00	22.51 -2.12 0.00	21.88 -2.06 0.00	23.48 -2.24 0.00	25.16 -2.43 0.01	25.24 -2.85 1.31	28.41 -2.89 0.09	33.40 -3.19 0.03	36.71 -3.91 5.39	47.72 -4.65 4.33	48.95 -4.80 4.84	41.10 -4.63 2.99	33.56 -3.52 0.33	29.67 -3.23 0.02
SAWYER___23_KV_LOAD 55526	28.07 -3.61 0.00	24.34 -3.48 0.00	21.09 -2.71 0.00	21.56 -2.86 0.00	21.51 -2.74 0.00	24.71 -3.40 0.01	25.42 -3.52 7.38	29.27 -3.44 3.10	28.10 -2.85 0.02	23.15 -2.15 0.02	21.94 -2.04 0.00	22.51 -2.12 0.00	21.88 -2.06 0.00	23.48 -2.24 0.00	25.16 -2.43 0.01	25.24 -2.85 1.31	28.41 -2.89 0.09	33.40 -3.19 0.03	36.71 -3.91 5.39	47.72 -4.65 4.33	48.95 -4.80 4.84	41.10 -4.63 2.99	33.56 -3.52 0.33	29.67 -3.23 0.02
SELKIRK___I 23801	32.44 0.76 0.00	28.57 0.75 0.00	24.45 0.64 0.00	25.07 0.66 0.00	24.88 0.63 0.00	28.83 0.70 0.00	37.06 0.73 0.00	36.38 0.57 0.00	31.35 0.37 0.00	25.52 0.20 0.00	24.17 0.19 0.00	24.85 0.22 0.00	24.16 0.22 0.00	25.97 0.26 0.00	27.88 0.28 0.00	29.81 0.41 0.00	31.79 0.41 0.00	37.20 0.58 0.00	46.88 0.87 0.00	57.89 1.19 0.00	59.94 1.35 0.00	49.79 1.07 0.00	38.27 0.86 0.00	33.84 0.92 0.00
SELKIRK___II 23799	32.28 0.60 0.00	28.43 0.61 0.00	24.33 0.52 0.00	24.93 0.51 0.00	24.76 0.51 0.00	28.69 0.56 0.00	36.88 0.55 0.00	36.31 0.50 0.00	31.38 0.40 0.00	25.57 0.25 0.00	24.24 0.26 0.00	24.93 0.30 0.00	24.23 0.29 0.00	26.05 0.33 0.00	27.96 0.36 0.00	29.86 0.47 0.00	31.82 0.44 0.00	37.20 0.58 0.00	46.70 0.69 0.00	57.55 0.85 0.00	59.52 0.93 0.00	49.45 0.73 0.00	38.05 0.64 0.00	33.64 0.72 0.00
SENECA OSWGO___HYD 24041	30.80 -0.89 0.00	27.01 -0.81 0.00	23.12 -0.69 0.00	23.73 -0.68 0.00	23.60 -0.65 0.00	27.40 -0.73 0.00	35.39 -0.94 0.00	34.77 -1.04 0.00	30.11 -0.87 0.00	24.63 -0.68 0.00	23.33 -0.65 0.00	23.94 -0.69 0.00	23.27 -0.67 0.00	25.05 -0.67 0.00	26.86 -0.74 0.00	28.54 -0.85 0.00	30.57 -0.82 0.00	35.60 -1.03 0.00	45.43 -1.43 -0.84	56.95 -1.59 -1.84	58.99 -1.70 -2.10	48.57 -1.41 -1.26	36.46 -1.09 -0.13	31.90 -1.02 0.00
SENECA___115KV_TB3 355854	28.20 -3.49 0.00	24.48 -3.34 0.00	21.12 -2.69 0.00	21.68 -2.73 0.00	21.66 -2.59 0.00	24.88 -3.23 0.01	25.30 -2.83 8.20	29.57 -2.79 3.44	28.63 -2.32 0.03	23.27 -2.03 0.02	22.08 -1.89 0.00	22.61 -2.02 0.00	22.05 -1.89 0.00	23.63 -2.08 0.00	25.30 -2.29 0.01	25.59 -2.35 1.45	28.98 -2.32 0.09	33.99 -2.60 0.03	37.24 -2.99 5.78	48.67 -3.63 4.40	48.92 -4.74 4.92	41.94 -3.75 3.04	34.12 -2.96 0.34	29.93 -2.96 0.03
SENECA___ENERGY 23797	31.33 -0.35 0.00	27.46 -0.36 0.00	23.50 -0.31 0.00	24.12 -0.29 0.00	24.03 -0.22 0.00	27.91 -0.23 -0.01	40.49 0.15 -4.01	37.31 -0.18 -1.68	30.80 -0.18 -0.01	25.07 -0.25 -0.01	23.71 -0.26 0.00	24.34 -0.29 0.00	23.66 -0.29 0.00	25.46 -0.26 0.00	27.31 -0.30 -0.01	29.80 -0.29 -0.70	31.24 -0.19 -0.05	36.53 -0.11 -0.02	48.38 0.09 -2.28	58.36 0.68 -0.98	60.05 0.41 -1.05	49.74 0.34 -0.68	37.64 0.15 -0.08	32.87 -0.07 -0.01
SHOEMAKER___GT 23640	32.44 0.76 0.00	28.57 0.75 0.00	24.47 0.67 0.00	25.07 0.66 0.00	24.88 0.63 0.00	28.89 0.76 0.00	37.35 1.02 0.00	36.95 1.15 0.00	31.97 0.99 0.00	26.18 0.86 0.00	24.74 0.77 0.00	25.39 0.76 0.00	24.73 0.79 0.00	26.51 0.80 0.00	28.54 0.94 0.00	30.48 1.09 0.00	32.39 1.00 0.00	37.90 1.28 0.00	47.67 1.65 0.00	58.68 1.98 0.00	60.52 1.93 0.00	50.23 1.51 0.00	38.46 1.05 0.00	33.91 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	32.44 0.76 0.00	28.57 0.75 0.00	24.45 0.64 0.00	25.07 0.66 0.00	24.88 0.63 0.00	28.89 0.76 0.00	37.31 0.98 0.00	36.95 1.15 0.00	31.97 0.99 0.00	26.18 0.86 0.00	24.77 0.79 0.00	25.42 0.79 0.00	24.76 0.81 0.00	26.51 0.80 0.00	28.57 0.97 0.00	30.51 1.12 0.00	32.42 1.04 0.00	38.01 1.39 0.00	47.67 1.66 0.00	58.62 1.93 0.00	60.40 1.82 0.00	50.23 1.51 0.00	38.50 1.08 0.00	33.91 0.99 0.00
SHOREHAM_IC_1 23715	35.58 2.69 -1.21	30.98 2.48 -0.68	27.72 2.14 -1.76	26.85 2.15 -0.29	28.51 2.11 -2.15	34.15 2.48 -3.54	43.06 3.20 -3.53	41.50 3.47 -2.22	33.46 2.48 0.00	27.49 2.18 0.00	26.27 2.28 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.46 2.39 -1.35	38.72 2.68 -8.44	38.85 2.82 -6.63	34.37 2.54 -0.44	42.87 3.08 -3.17	56.52 4.00 -6.51	61.01 4.31 -0.01	63.50 4.34 -0.58	56.53 4.29 -3.52	48.83 3.22 -8.20	42.69 2.93 -6.84
SHOREHAM_IC_2 23716	35.58 2.69 -1.21	30.98 2.48 -0.68	27.72 2.14 -1.76	26.85 2.15 -0.29	28.51 2.11 -2.15	34.15 2.48 -3.54	43.06 3.20 -3.53	41.50 3.47 -2.22	33.46 2.48 0.00	27.49 2.18 0.00	26.27 2.28 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.46 2.39 -1.35	38.72 2.68 -8.44	38.85 2.82 -6.63	34.37 2.54 -0.44	42.87 3.08 -3.17	56.52 4.00 -6.51	61.01 4.31 -0.01	63.50 4.34 -0.58	56.53 4.29 -3.52	48.83 3.22 -8.20	42.69 2.93 -6.84
SISSONVILLE____ 23735	31.62 -0.06 0.00	27.65 -0.17 0.00	23.55 -0.26 0.00	24.22 -0.20 0.00	24.03 -0.22 0.00	27.90 -0.23 0.00	36.01 -0.33 0.00	35.38 -0.43 0.00	30.51 -0.46 0.00	24.91 -0.41 0.00	23.54 -0.43 0.00	24.21 -0.42 0.00	23.37 -0.57 0.00	24.99 -0.72 0.00	26.83 -0.77 0.00	28.40 -1.00 0.00	30.22 -1.16 0.00	35.16 -1.46 0.00	44.59 -1.43 0.00	55.00 -1.70 0.00	57.59 -1.00 0.00	47.99 -0.73 0.00	36.85 -0.56 0.00	32.56 -0.36 0.00
SITHE_IND_GS1 24169	30.64 -1.04 0.00	26.88 -0.95 0.00	23.02 -0.79 0.00	23.61 -0.81 0.00	23.48 -0.78 0.00	27.23 -0.90 0.00	35.17 -1.16 0.00	34.63 -1.18 0.00	29.98 -0.99 0.00	24.53 -0.78 0.00	23.23 -0.74 0.00	23.87 -0.76 0.00	23.20 -0.74 0.00	24.94 -0.77 0.00	26.78 -0.83 0.00	28.43 -0.97 0.00	30.41 -0.97 0.00	35.41 -1.21 0.00	36.15 -1.75 8.11	36.96 -2.10 17.64	36.15 -2.23 20.21	34.74 -1.85 12.13	34.74 -1.38 1.29	31.67 -1.25 0.00

SITHE_IND_GS2 24170	30.64 -1.04 0.00	26.88 -0.95 0.00	23.02 -0.79 0.00	23.61 -0.81 0.00	23.48 -0.78 0.00	27.23 -0.90 0.00	35.17 -1.16 0.00	34.63 -1.18 0.00	29.98 -0.99 0.00	24.53 -0.78 0.00	23.23 -0.74 0.00	23.87 -0.76 0.00	23.20 -0.74 0.00	24.94 -0.77 0.00	26.78 -0.83 0.00	28.43 -0.97 0.00	30.41 -0.97 0.00	35.41 -1.21 0.00	36.15 -1.75 8.11	36.96 17.64	36.15 -2.23 20.21	34.74 -1.85 12.13	34.74 -1.38 1.29	31.67 -1.25 0.00
SITHE_IND_GS3 24171	30.64 -1.04 0.00	26.88 -0.95 0.00	23.02 -0.79 0.00	23.61 -0.81 0.00	23.48 -0.78 0.00	27.23 -0.90 0.00	35.17 -1.16 0.00	34.63 -1.18 0.00	29.98 -0.99 0.00	24.53 -0.78 0.00	23.23 -0.74 0.00	23.87 -0.76 0.00	23.20 -0.74 0.00	24.94 -0.77 0.00	26.78 -0.83 0.00	28.43 -0.97 0.00	30.41 -0.97 0.00	35.41 -1.21 0.00	36.15 -1.75 8.11	36.96 17.64	36.15 -2.23 20.21	34.74 -1.85 12.13	34.74 -1.38 1.29	31.67 -1.25 0.00
SITHE_IND_GS4 24172	30.64 -1.04 0.00	26.88 -0.95 0.00	23.02 -0.79 0.00	23.61 -0.81 0.00	23.48 -0.78 0.00	27.23 -0.90 0.00	35.17 -1.16 0.00	34.63 -1.18 0.00	29.98 -0.99 0.00	24.53 -0.78 0.00	23.23 -0.74 0.00	23.87 -0.76 0.00	23.20 -0.74 0.00	24.94 -0.77 0.00	26.78 -0.83 0.00	28.43 -0.97 0.00	30.41 -0.97 0.00	35.41 -1.21 0.00	36.15 -1.75 8.11	36.96 17.64	36.15 -2.23 20.21	34.74 -1.85 12.13	34.74 -1.38 1.29	31.67 -1.25 0.00
SITHE___BATAVIA 24024	28.89 -2.79 0.00	25.01 -2.81 0.00	21.57 -2.24 0.00	22.19 -2.22 0.00	22.12 -2.13 0.00	25.51 -2.62 0.01	29.19 -2.65 4.49	31.27 -2.65 1.89	28.55 -2.42 0.01	23.61 -1.70 0.01	22.37 -1.61 0.00	22.93 -1.70 0.00	22.29 -1.65 0.00	23.91 -1.80 0.00	25.69 -1.90 0.01	26.34 -2.26 0.79	28.94 -2.39 0.06	34.11 -2.49 0.02	39.40 -2.85 3.76	49.58 -3.40 3.71	49.91 -4.51 4.17	42.65 -3.51 2.56	34.59 -2.55 0.28	30.44 -2.47 0.01
SITHE___INDEPEND 23800	30.64 -1.05 0.00	26.88 -0.95 0.00	23.02 -0.79 0.00	23.61 -0.81 0.00	23.48 -0.78 0.00	27.23 -0.90 0.00	35.17 -1.16 0.00	34.63 -1.18 0.00	29.99 -0.99 0.00	24.53 -0.78 0.00	23.23 -0.74 0.00	23.87 -0.76 0.00	23.20 -0.74 0.00	24.94 -0.77 0.00	26.78 -0.83 0.00	28.42 -0.97 0.00	30.41 -0.97 0.00	35.34 -1.28 0.00	36.15 -1.75 8.11	37.02 -2.04 17.64	36.27 -2.11 20.21	34.74 -1.85 12.13	34.74 -1.38 1.29	31.67 -1.25 0.00
SITHE___MASSENA 23902	31.97 0.28 0.00	28.02 0.20 0.00	23.88 0.07 0.00	24.54 0.12 0.00	24.35 0.10 0.00	28.24 0.11 0.00	36.44 0.11 0.00	35.91 0.11 0.00	31.10 0.12 0.00	25.39 0.08 0.00	24.05 0.07 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.74 0.03 0.00	27.60 0.00 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.55 -0.07 0.00	46.10 0.09 0.00	56.64 -0.06 0.00	58.65 0.06 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.05 0.13 0.00
SITHE___OGDNSBRG 24021	32.22 0.54 0.00	28.18 0.36 0.00	24.00 0.19 0.00	24.68 0.27 0.00	24.50 0.24 0.00	28.41 0.28 0.00	36.70 0.36 0.00	35.99 0.18 0.00	31.01 0.03 0.00	25.29 -0.03 0.00	23.90 -0.07 0.00	24.58 -0.05 0.00	23.80 -0.14 0.00	25.48 -0.23 0.00	27.38 -0.22 0.00	29.10 -0.29 0.00	31.07 -0.31 0.00	36.18 -0.44 0.00	45.87 -0.14 0.00	56.64 -0.06 0.00	59.11 0.53 0.00	49.21 0.49 0.00	37.75 0.34 0.00	33.28 0.36 0.00
SITHE___STERLING 23777	32.09 0.41 0.00	28.10 0.28 0.00	24.05 0.24 0.00	24.68 0.27 0.00	24.54 0.29 0.00	28.47 0.34 0.00	36.91 0.58 0.00	36.20 0.39 0.00	31.16 0.19 0.00	25.39 0.08 0.00	24.00 0.02 0.00	24.68 0.05 0.00	24.01 0.07 0.00	25.84 0.13 0.00	27.74 0.14 0.00	29.48 0.09 0.00	31.54 0.16 0.00	36.80 0.18 0.00	46.27 0.51 0.25	57.23 1.07 0.54	59.26 1.29 0.62	49.28 0.92 0.37	38.05 0.67 0.04	33.44 0.53 0.00
SLEIGHT__34_KV_TB1 80719	30.26 -1.43 0.00	26.40 -1.42 0.00	22.69 -1.12 0.00	23.27 -1.15 0.00	23.14 -1.12 0.00	26.83 -1.29 0.00	34.68 -1.63 0.01	34.01 -1.79 0.01	29.55 -1.42 0.00	24.40 -0.91 0.00	23.09 -0.89 0.00	23.74 -0.89 0.00	23.03 -0.91 0.00	24.79 -0.93 0.00	26.61 -0.99 0.00	27.92 -1.47 0.00	30.00 -1.38 0.00	35.16 -1.46 0.00	43.12 -1.89 1.01	52.60 -1.93 2.17	54.10 -1.99 2.49	45.18 -2.05 1.49	35.83 -1.42 0.16	31.54 -1.38 0.00
SOUTH CAIRO___GT 23612	32.89 1.20 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.39 0.98 0.00	25.17 0.92 0.00	29.20 1.07 0.00	37.53 1.20 0.00	36.56 0.75 0.00	31.41 0.43 0.00	25.39 0.08 0.00	24.02 0.05 0.00	24.70 0.07 0.00	23.97 0.02 0.00	25.84 0.13 0.00	27.77 0.17 0.00	29.72 0.32 0.00	31.79 0.41 0.00	37.50 0.88 0.00	47.44 1.43 0.00	58.79 2.10 0.00	60.75 2.17 0.00	50.52 1.80 0.00	38.80 1.38 0.00	34.34 1.42 0.00
SOUTH HAMPTN___IC 23720	35.87 2.98 -1.21	31.23 2.73 -0.68	27.95 2.38 -1.76	27.10 2.39 -0.29	28.78 2.38 -2.15	34.40 2.73 -3.54	43.42 3.56 -3.53	41.86 3.83 -2.22	33.73 2.76 0.00	27.72 2.41 0.00	26.48 2.49 -0.02	27.07 2.44 0.00	26.34 2.39 0.00	29.64 2.57 -1.35	38.91 2.87 -8.44	39.05 3.03 -6.63	34.59 2.76 -0.44	43.16 3.37 -3.17	57.03 4.51 -6.51	61.75 5.04 -0.01	64.20 5.04 -0.58	56.92 4.68 -3.52	49.05 3.44 -8.20	42.89 3.13 -6.84
SOUTHDOW__115KV_TB1 355954	28.39 -3.30 0.00	24.68 -3.14 0.00	21.43 -2.38 0.00	21.90 -2.51 0.00	21.90 -2.35 0.00	25.20 -2.93 0.01	27.36 -1.60 7.38	31.17 -1.54 3.10	29.74 -1.21 0.02	23.88 -1.42 0.02	22.61 -1.37 0.00	23.13 -1.50 0.00	22.55 -1.39 0.00	24.12 -1.59 0.00	25.80 -1.79 0.01	26.59 -1.50 1.30	29.96 -1.35 0.08	35.02 -1.57 0.03	39.44 -1.33 5.24	51.38 -1.25 4.06	52.51 -1.52 4.55	44.11 -1.80 2.81	35.23 -1.87 0.31	30.72 -2.17 0.02
SOUTHOLD_69_KV_BK 2 55809	36.19 3.30 -1.21	31.51 3.00 -0.68	28.19 2.62 -1.76	27.39 2.69 -0.29	29.04 2.64 -2.15	34.65 2.98 -3.54	43.78 3.92 -3.53	42.29 4.26 -2.22	34.04 3.07 0.00	27.92 2.61 0.00	26.70 2.71 -0.02	27.24 2.61 0.00	26.48 2.54 0.00	29.77 2.70 -1.35	39.08 3.04 -8.44	39.20 3.17 -6.63	34.78 2.95 -0.44	43.49 3.70 -3.17	57.45 4.92 -6.51	62.37 5.67 0.00	64.67 5.51 -0.58	57.31 5.07 -3.52	49.31 3.70 -8.20	43.05 3.29 -6.84
SOUTHOLD___IC 23719	36.19 3.29 -1.21	31.51 3.01 -0.68	28.21 2.64 -1.76	27.39 2.69 -0.29	29.04 2.64 -2.15	34.65 2.98 -3.54	43.78 3.93 -3.53	42.28 4.26 -2.22	34.04 3.07 0.00	27.92 2.61 0.00	26.70 2.71 -0.02	27.24 2.61 0.00	26.48 2.54 0.00	29.79 2.72 -1.35	39.08 3.04 -8.44	39.20 3.18 -6.63	34.75 2.92 -0.44	43.34 3.55 -3.17	57.45 4.93 -6.51	62.32 5.61 -0.01	64.79 5.62 -0.58	57.26 5.02 -3.52	49.28 3.67 -8.20	43.05 3.29 -6.84
SOUTH_FORK_WT_PWR 323839	36.16 3.26 -1.21	31.48 2.98 -0.68	28.21 2.64 -1.76	27.39 2.69 -0.29	29.04 2.64 -2.15	34.65 2.98 -3.54	43.75 3.89 -3.53	42.25 4.22 -2.22	34.01 3.04 0.00	27.90 2.58 0.00	26.65 2.66 -0.02	27.17 2.54 0.00	26.39 2.44 0.00	29.66 2.60 -1.35	38.94 2.90 -8.44	39.02 3.00 -6.63	34.53 2.70 -0.44	43.09 3.30 -3.17	57.17 4.65 -6.51	62.03 5.33 -0.01	64.50 5.33 -0.58	57.02 4.78 -3.52	49.05 3.44 -8.20	42.89 3.13 -6.84

SPIERFLS_115KV_TB1 80737	32.82 1.14 0.00	28.91 1.09 0.00	24.69 0.88 0.00	25.34 0.93 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.68 1.34 0.00	36.81 1.00 0.00	31.72 0.74 0.00	25.67 0.35 0.00	24.31 0.34 0.00	24.95 0.32 0.00	24.30 0.36 0.00	26.15 0.44 0.00	28.02 0.41 0.00	30.13 0.73 0.00	32.14 0.75 0.00	37.76 1.14 0.00	47.81 1.79 0.00	59.19 2.49 0.00	61.22 2.64 0.00	51.01 2.29 0.00	39.02 1.61 0.00	34.37 1.45 0.00
ST LAWRENCE____ 23600	31.71 0.03 0.00	27.82 0.00 0.00	23.74 -0.07 0.00	24.36 -0.05 0.00	24.18 -0.07 0.00	28.04 -0.08 0.00	36.22 -0.11 0.00	35.70 -0.11 0.00	30.91 -0.06 0.00	25.29 -0.03 0.00	23.95 -0.02 0.00	24.61 -0.02 0.00	23.89 -0.05 0.00	25.64 -0.08 0.00	27.49 -0.11 0.00	29.28 -0.12 0.00	31.29 -0.09 0.00	36.44 -0.18 0.00	45.87 -0.14 0.00	56.41 -0.28 0.00	58.35 -0.23 0.00	48.62 -0.10 0.00	37.34 -0.07 0.00	32.85 -0.07 0.00
STATE_CA_115KV_115_LB 55624	32.44 0.76 0.00	28.63 0.81 0.00	24.48 0.67 0.00	25.10 0.68 0.00	24.91 0.65 0.00	28.86 0.73 0.00	37.02 0.69 0.00	36.34 0.54 0.00	31.38 0.40 0.00	25.52 0.20 0.00	24.21 0.24 0.00	24.90 0.27 0.00	24.21 0.26 0.00	26.02 0.31 0.00	27.94 0.33 0.00	29.89 0.50 0.00	31.86 0.47 0.00	37.32 0.70 0.00	46.75 0.74 0.00	57.55 0.85 0.00	59.47 0.88 0.00	49.55 0.83 0.00	38.20 0.79 0.00	33.91 0.99 0.00
STATE_ST_34_KV_LOAD 55959	31.33 -0.35 0.00	27.46 -0.36 0.00	23.52 -0.29 0.00	24.12 -0.29 0.00	24.01 -0.24 0.00	27.88 -0.25 0.00	38.06 -0.15 -1.87	36.20 -0.39 -0.78	30.64 -0.34 -0.01	25.02 -0.30 0.00	23.69 -0.29 0.00	24.33 -0.30 0.00	23.66 -0.29 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	29.31 -0.41 -0.33	31.12 -0.28 -0.02	36.30 -0.33 -0.01	46.80 -0.28 -1.06	57.21 0.06 -0.46	59.20 0.12 -0.49	48.94 -0.10 -0.32	37.34 -0.11 -0.04	32.70 -0.23 -0.01
STATION 5_MISC_HYD 23604	29.88 -1.80 0.00	25.98 -1.84 0.00	22.33 -1.48 0.00	22.95 -1.46 0.00	22.85 -1.41 0.00	26.41 -1.72 0.00	32.80 -2.22 1.31	33.00 -2.25 0.55	29.24 -1.73 0.00	24.27 -1.04 0.00	23.01 -0.96 0.00	23.62 -1.01 0.00	22.94 -1.00 0.00	24.64 -1.08 0.00	26.50 -1.11 0.00	27.40 -1.76 0.23	29.74 -1.63 0.02	34.93 -1.68 0.00	41.70 -2.30 2.01	51.09 -2.55 3.06	51.77 -3.34 3.48	43.94 -2.68 2.10	35.39 -1.80 0.23	31.20 -1.71 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.13 -1.55 0.00	26.26 -1.56 0.00	22.62 -1.19 0.00	23.17 -1.25 0.00	23.06 -1.19 0.00	26.72 -1.41 0.00	33.40 -1.85 1.08	33.46 -1.90 0.45	29.52 -1.46 0.00	24.40 -0.91 0.00	23.11 -0.86 0.00	23.77 -0.86 0.00	23.03 -0.91 0.00	24.79 -0.93 0.00	26.61 -0.99 0.00	27.68 -1.53 0.19	29.93 -1.44 0.01	35.08 -1.54 0.00	42.32 -2.02 1.67	52.05 -2.10 2.55	53.52 -2.17 2.90	44.68 -2.29 1.76	35.65 -1.57 0.19	31.44 -1.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.78 -1.90 0.00	25.90 -1.92 0.00	22.33 -1.48 0.00	22.87 -1.54 0.00	22.77 -1.48 0.00	26.35 -1.77 0.00	32.60 -2.36 1.37	32.87 -2.36 0.57	29.14 -1.83 0.00	24.20 -1.11 0.00	22.92 -1.05 0.00	23.57 -1.06 0.00	22.86 -1.08 0.00	24.61 -1.11 0.00	26.39 -1.21 0.00	27.30 -1.85 0.24	29.58 -1.79 0.02	34.75 -1.87 0.01	41.48 -2.48 2.04	50.95 -2.66 3.08	52.32 -2.75 3.51	43.73 -2.87 2.12	35.20 -1.98 0.23	31.07 -1.84 0.00
STA_56____34_KV_BUS2 355983	29.78 -1.90 0.00	25.90 -1.92 0.00	22.33 -1.48 0.00	22.87 -1.54 0.00	22.77 -1.48 0.00	26.35 -1.77 0.00	32.60 -2.36 1.37	32.87 -2.36 0.57	29.14 -1.83 0.00	24.20 -1.11 0.00	22.92 -1.05 0.00	23.57 -1.06 0.00	22.86 -1.08 0.00	24.61 -1.11 0.00	26.39 -1.21 0.00	27.30 -1.85 0.24	29.58 -1.79 0.02	34.75 -1.87 0.01	41.48 -2.48 2.04	50.95 -2.66 3.08	52.32 -2.75 3.51	43.73 -2.87 2.12	35.20 -1.98 0.23	31.07 -1.84 0.00
STA_67____115KV_BK2 355882	29.85 -1.84 0.00	25.96 -1.86 0.00	22.38 -1.43 0.00	22.92 -1.49 0.00	22.82 -1.43 0.00	26.38 -1.74 0.00	32.76 -2.29 1.29	32.98 -2.29 0.54	29.21 -1.77 0.00	24.25 -1.06 0.00	22.97 -1.01 0.00	23.64 -0.99 0.00	22.91 -1.03 0.00	24.66 -1.05 0.00	26.44 -1.16 0.00	27.35 -1.82 0.23	29.61 -1.76 0.01	34.82 -1.79 0.00	41.63 -2.39 1.99	51.10 -2.55 3.05	52.48 -2.64 3.47	43.85 -2.78 2.10	35.28 -1.91 0.22	31.14 -1.78 0.00
STA_7____115KV_9TRANS 80674	29.97 -1.71 0.00	26.04 -1.78 0.00	22.48 -1.33 0.00	23.02 -1.39 0.00	22.92 -1.33 0.00	26.49 -1.63 0.00	32.82 -2.11 1.41	33.10 -2.11 0.59	29.36 -1.61 0.00	24.38 -0.94 0.00	23.09 -0.89 0.00	23.77 -0.86 0.00	23.03 -0.91 0.00	24.79 -0.93 0.00	26.58 -1.02 0.00	27.50 -1.65 0.25	29.80 -1.57 0.02	35.04 -1.57 0.01	41.87 -2.07 2.07	51.50 -2.10 3.10	52.89 -2.17 3.53	44.15 -2.44 2.13	35.54 -1.65 0.23	31.30 -1.61 0.00
STA_82____115KV_TB1 80780	29.78 -1.90 0.00	25.90 -1.92 0.00	22.33 -1.48 0.00	22.90 -1.51 0.00	22.80 -1.46 0.00	26.35 -1.77 0.00	32.74 -2.33 1.27	32.95 -2.33 0.53	29.14 -1.83 0.00	24.22 -1.09 0.00	22.94 -1.03 0.00	23.60 -1.03 0.00	22.89 -1.05 0.00	24.61 -1.11 0.00	26.42 -1.19 0.00	27.29 -1.88 0.22	29.58 -1.79 0.01	34.75 -1.87 0.00	41.55 -2.48 1.98	50.99 -2.66 3.04	52.37 -2.75 3.46	43.76 -2.87 2.09	35.24 -1.95 0.22	31.11 -1.81 0.00
STEEL____WIND 323596	28.20 -3.49 0.00	24.45 -3.37 0.00	21.09 -2.71 0.00	21.65 -2.76 0.00	21.63 -2.62 0.00	24.85 -3.26 0.01	25.30 -2.83 8.20	29.53 -2.83 3.44	28.59 -2.36 0.03	23.27 -2.03 0.02	22.05 -1.92 0.00	22.61 -2.02 0.00	22.02 -1.92 0.00	23.61 -2.11 0.00	25.30 -2.29 0.01	25.57 -2.38 1.45	28.94 -2.35 0.09	33.95 -2.64 0.03	37.20 -3.04 5.78	48.62 -3.68 4.40	48.92 -4.74 4.92	41.89 -3.80 3.04	34.08 -2.99 0.34	29.93 -2.96 0.03
STEPHTWN_115KV_BK_2 55603	32.54 0.86 0.00	28.68 0.86 0.00	24.52 0.71 0.00	25.14 0.73 0.00	24.96 0.70 0.00	28.94 0.82 0.00	37.09 0.76 0.00	36.42 0.61 0.00	31.41 0.43 0.00	25.54 0.23 0.00	24.24 0.26 0.00	24.93 0.30 0.00	24.23 0.29 0.00	26.05 0.33 0.00	27.96 0.36 0.00	29.95 0.56 0.00	31.92 0.53 0.00	37.43 0.81 0.00	46.93 0.92 0.00	57.83 1.13 0.00	59.76 1.17 0.00	49.79 1.07 0.00	38.35 0.94 0.00	34.01 1.09 0.00
STEBEN_REC_LFGE 323667	30.16 -1.52 0.00	26.35 -1.47 0.00	22.71 -1.10 0.00	23.34 -1.07 0.00	23.33 -0.92 0.00	27.03 -1.13 -0.03	57.73 -0.29 -21.69	44.04 -0.86 -9.09	30.11 -0.93 -0.07	24.37 -0.99 -0.04	22.97 -1.01 0.00	23.52 -1.11 0.00	22.84 -1.10 0.00	24.51 -1.21 0.00	26.26 -1.38 -0.03	31.73 -1.47 -3.80	30.29 -1.35 -0.25	35.42 -1.28 -0.08	56.91 -0.87 -11.77	60.85 0.06 -4.10	63.15 0.23 -4.33	51.28 -0.29 -2.85	37.25 -0.49 -0.33	32.16 -0.82 -0.07
STILLWATER____SOLAR 323814	32.89 1.20 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.39 0.98 0.00	25.22 0.97 0.00	29.28 1.15 0.00	37.71 1.38 0.00	36.95 1.15 0.00	31.81 0.84 0.00	25.80 0.48 0.00	24.43 0.45 0.00	25.12 0.49 0.00	24.42 0.48 0.00	26.28 0.57 0.00	28.19 0.58 0.00	30.25 0.85 0.00	32.26 0.88 0.00	37.83 1.21 0.00	47.80 1.79 0.00	59.02 2.33 0.00	61.23 2.64 0.00	50.86 2.14 0.00	39.02 1.61 0.00	34.40 1.48 0.00

STONY___BROOK 24151	35.46 2.57 -1.21	30.86 2.36 -0.68	27.62 2.05 -1.76	26.73 2.03 -0.29	28.41 2.01 -2.15	34.03 2.36 -3.54	42.91 3.05 -3.53	41.36 3.33 -2.22	33.39 2.42 0.00	27.44 2.13 0.00	26.22 2.23 -0.02	26.85 2.22 0.00	26.14 2.20 0.00	29.43 2.36 -1.35	38.69 2.65 -8.44	38.91 2.88 -6.63	34.56 2.73 -0.44	43.05 3.26 -3.17	56.62 4.09 -6.51	61.41 4.70 -0.01	63.91 4.74 -0.58	56.34 4.09 -3.52	48.71 3.10 -8.20	42.59 2.83 -6.84
STURGEON_POOL_HYD 23609	32.82 1.14 0.00	28.91 1.09 0.00	24.74 0.93 0.00	25.34 0.93 0.00	25.15 0.90 0.00	29.20 1.07 0.00	37.75 1.42 0.00	37.42 1.61 0.00	32.40 1.42 0.00	26.51 1.19 0.00	25.08 1.10 0.00	25.71 1.08 0.00	25.02 1.08 0.00	26.85 1.13 0.00	28.96 1.35 0.00	30.92 1.53 0.00	32.86 1.48 0.00	38.63 2.01 0.00	48.45 2.44 0.00	59.53 2.83 0.00	61.22 2.64 0.00	50.91 2.19 0.00	38.95 1.53 0.00	34.30 1.38 0.00
ST_LAW_115_BK7_LBMP 345037	31.71 0.03 0.00	27.82 0.00 0.00	23.74 -0.07 0.00	24.36 -0.05 0.00	24.18 -0.07 0.00	28.04 -0.08 0.00	36.19 -0.14 0.00	35.70 -0.11 0.00	30.91 -0.06 0.00	25.26 -0.05 0.00	23.93 -0.05 0.00	24.61 -0.02 0.00	23.87 -0.07 0.00	25.61 -0.10 0.00	27.47 -0.14 0.00	29.25 -0.15 0.00	31.26 -0.13 0.00	36.40 -0.22 0.00	45.87 -0.14 0.00	56.30 -0.39 0.00	58.30 -0.29 0.00	48.58 -0.15 0.00	37.30 -0.11 0.00	32.85 -0.07 0.00
ST_LAW_115_BK8_LBMP 345038	31.71 0.03 0.00	27.82 0.00 0.00	23.74 -0.07 0.00	24.36 -0.05 0.00	24.18 -0.07 0.00	28.04 -0.08 0.00	36.19 -0.14 0.00	35.70 -0.11 0.00	30.91 -0.06 0.00	25.26 -0.05 0.00	23.93 -0.05 0.00	24.61 -0.02 0.00	23.87 -0.07 0.00	25.61 -0.10 0.00	27.47 -0.14 0.00	29.25 -0.15 0.00	31.26 -0.13 0.00	36.40 -0.22 0.00	45.87 -0.14 0.00	56.30 -0.39 0.00	58.30 -0.29 0.00	48.58 -0.15 0.00	37.30 -0.11 0.00	32.85 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	31.71 0.03 0.00	27.82 0.00 0.00	23.74 -0.07 0.00	24.36 -0.05 0.00	24.18 -0.07 0.00	28.04 -0.08 0.00	36.22 -0.11 0.00	35.70 -0.11 0.00	30.91 -0.06 0.00	25.29 -0.03 0.00	23.95 -0.02 0.00	24.61 -0.02 0.00	23.89 -0.05 0.00	25.64 -0.08 0.00	27.49 -0.11 0.00	29.28 -0.12 0.00	31.29 -0.09 0.00	36.44 -0.18 0.00	45.87 -0.14 0.00	56.41 -0.28 0.00	58.35 -0.23 0.00	48.62 -0.10 0.00	37.34 -0.07 0.00	32.85 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	31.71 0.03 0.00	27.82 0.00 0.00	23.74 -0.07 0.00	24.36 -0.05 0.00	24.18 -0.07 0.00	28.04 -0.08 0.00	36.22 -0.11 0.00	35.70 -0.11 0.00	30.91 -0.06 0.00	25.29 -0.03 0.00	23.95 -0.02 0.00	24.61 -0.02 0.00	23.89 -0.05 0.00	25.64 -0.08 0.00	27.49 -0.11 0.00	29.28 -0.12 0.00	31.29 -0.09 0.00	36.44 -0.18 0.00	45.87 -0.14 0.00	56.41 -0.28 0.00	58.35 -0.23 0.00	48.62 -0.10 0.00	37.34 -0.07 0.00	32.85 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.57 0.89 0.00	28.71 0.89 0.00	24.55 0.74 0.00	25.17 0.76 0.00	24.98 0.73 0.00	29.00 0.87 0.00	37.46 1.13 0.00	37.13 1.32 0.00	32.15 1.18 0.00	26.35 1.04 0.00	24.93 0.96 0.00	25.57 0.94 0.00	24.90 0.96 0.00	26.69 0.98 0.00	28.76 1.16 0.00	30.72 1.32 0.00	32.61 1.22 0.00	38.27 1.65 0.00	47.90 1.89 0.00	58.91 2.21 0.00	60.64 2.05 0.00	50.43 1.71 0.00	38.61 1.20 0.00	34.04 1.12 0.00
SWANROAD_115KV_TB1 355699	27.37 -4.31 0.00	23.70 -4.12 0.00	20.55 -3.26 0.00	20.99 -3.42 0.00	20.95 -3.30 0.00	24.07 -4.05 0.01	26.08 -4.03 6.22	29.25 -3.94 2.62	27.21 -3.75 0.02	22.54 -2.76 0.01	21.38 -2.59 0.00	21.94 -2.68 0.00	21.33 -2.61 0.00	22.89 -2.83 0.00	24.53 -3.06 0.01	25.06 -3.23 1.10	27.47 -3.83 0.09	32.39 -4.21 0.02	36.34 -4.92 4.74	46.54 -6.07 4.09	47.35 -6.68 4.56	39.95 -5.94 2.83	32.58 -4.53 0.31	28.85 -4.05 0.02
SYNERGY___BIOGAS 323694	28.89 -2.79 0.00	25.01 -2.81 0.00	21.67 -2.14 0.00	22.19 -2.22 0.00	22.12 -2.13 0.00	25.50 -2.62 0.01	29.19 -2.65 4.49	31.27 -2.65 1.89	28.55 -2.42 0.01	23.63 -1.67 0.01	22.37 -1.61 0.00	22.98 -1.65 0.00	22.29 -1.65 0.00	23.96 -1.75 0.00	25.69 -1.90 0.01	26.34 -2.26 0.79	28.85 -2.48 0.06	34.04 -2.56 0.02	39.40 -2.85 3.76	49.86 -3.12 3.71	51.08 -3.34 4.17	42.75 -3.41 2.56	34.55 -2.58 0.28	30.44 -2.47 0.01
SYRACUSE___ENERGY_ST1 323597	31.27 -0.41 0.00	27.43 -0.39 0.00	23.50 -0.31 0.00	24.10 -0.32 0.00	23.96 -0.29 0.00	27.79 -0.34 0.00	36.01 -0.33 0.00	35.34 -0.47 0.00	30.57 -0.40 0.00	24.99 -0.33 0.00	23.66 -0.31 0.00	24.31 -0.32 0.00	23.63 -0.31 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	28.98 -0.41 0.00	31.04 -0.35 0.00	36.14 -0.48 0.00	45.41 -0.60 0.00	56.19 -0.51 0.00	58.06 -0.53 0.00	48.19 -0.54 0.00	37.04 -0.37 0.00	32.49 -0.43 0.00
SYRACUSE___ENERGY_ST2 323598	31.27 -0.41 0.00	27.43 -0.39 0.00	23.50 -0.31 0.00	24.10 -0.32 0.00	23.96 -0.29 0.00	27.79 -0.34 0.00	36.01 -0.33 0.00	35.34 -0.47 0.00	30.57 -0.40 0.00	24.99 -0.33 0.00	23.66 -0.31 0.00	24.31 -0.32 0.00	23.63 -0.31 0.00	25.43 -0.28 0.00	27.30 -0.30 0.00	28.98 -0.41 0.00	31.04 -0.35 0.00	36.14 -0.48 0.00	45.41 -0.60 0.00	56.19 -0.51 0.00	58.06 -0.53 0.00	48.19 -0.54 0.00	37.04 -0.37 0.00	32.49 -0.43 0.00
SYRACUSE___POWER 24017	31.21 -0.48 0.00	27.35 -0.47 0.00	23.43 -0.38 0.00	24.02 -0.39 0.00	23.89 -0.36 0.00	27.73 -0.39 0.00	35.90 -0.44 0.00	35.27 -0.54 0.00	30.54 -0.43 0.00	24.96 -0.35 0.00	23.64 -0.34 0.00	24.29 -0.34 0.00	23.61 -0.34 0.00	25.38 -0.33 0.00	27.25 -0.36 0.00	28.95 -0.44 0.00	31.01 -0.38 0.00	36.11 -0.51 0.00	45.02 -0.64 0.34	55.38 -0.57 0.75	57.14 -0.59 0.86	47.62 -0.58 0.51	36.91 -0.45 0.05	32.43 -0.49 0.00
TALLMAN__138KV_BK151 55660	32.70 1.01 0.00	28.82 1.00 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.57 1.24 0.00	37.31 1.50 0.00	32.37 1.39 0.00	26.56 1.24 0.00	25.10 1.13 0.00	25.74 1.11 0.00	25.09 1.15 0.00	26.87 1.16 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.83 1.44 0.00	38.49 1.87 0.00	48.17 2.16 0.00	59.19 2.49 0.00	60.87 2.28 0.00	50.62 1.90 0.00	38.80 1.38 0.00	34.20 1.28 0.00
TEALLAVE_115KV_TB7 355573	31.08 -0.60 0.00	27.26 -0.56 0.00	23.36 -0.45 0.00	23.95 -0.46 0.00	23.82 -0.44 0.00	27.62 -0.51 0.00	35.75 -0.58 0.00	35.13 -0.68 0.00	30.42 -0.56 0.00	24.89 -0.43 0.00	23.57 -0.41 0.00	24.21 -0.42 0.00	23.54 -0.41 0.00	25.33 -0.39 0.00	27.16 -0.44 0.00	28.84 -0.56 0.00	30.88 -0.50 0.00	35.96 -0.66 0.00	44.67 -0.87 0.47	54.82 -0.85 1.03	56.53 -0.88 1.18	47.14 -0.88 0.71	36.70 -0.64 0.08	32.26 -0.66 0.00
TELGRAPH_34_KV_EAST 80808	28.26 -3.42 0.00	24.48 -3.34 0.00	21.21 -2.60 0.00	21.68 -2.73 0.00	21.63 -2.62 0.00	24.88 -3.23 0.01	27.80 -3.27 5.26	30.37 -3.22 2.21	28.02 -2.94 0.02	23.18 -2.13 0.01	21.96 -2.07 0.00	22.56 -2.07 0.00	21.91 -2.04 0.00	23.53 -2.19 0.00	25.22 -2.37 0.01	25.79 -2.67 0.93	28.30 -3.01 0.07	33.38 -3.22 0.02	38.10 -3.73 4.19	48.46 -4.37 3.88	49.56 -4.69 4.34	41.57 -4.48 2.67	33.72 -3.40 0.29	29.78 -3.13 0.02

TEMPLE___115KV_TB 2 55572	31.08 -0.60 0.00	27.26 -0.56 0.00	23.36 -0.45 0.00	23.95 -0.46 0.00	23.82 -0.44 0.00	27.65 -0.48 0.00	35.79 -0.54 0.00	35.16 -0.64 0.00	30.45 -0.53 0.00	24.91 -0.41 0.00	23.59 -0.38 0.00	24.24 -0.39 0.00	23.56 -0.38 0.00	25.33 -0.39 0.00	27.19 -0.41 0.00	28.87 -0.53 0.00	30.91 -0.47 0.00	36.00 -0.62 0.00	44.70 -0.83 0.48	54.86 -0.79 1.05	56.51 -0.88 1.20	47.17 -0.83 0.72	36.70 -0.64 0.08	32.29 -0.63 0.00
TIANA___69_KV_BK 1 55817	35.78 2.88 -1.21	31.14 2.64 -0.68	27.86 2.29 -1.76	27.03 2.32 -0.29	28.68 2.28 -2.15	34.31 2.64 -3.54	43.31 3.45 -3.53	41.75 3.72 -2.22	33.67 2.69 0.00	27.64 2.33 0.00	26.44 2.45 -0.02	27.02 2.39 0.00	26.29 2.35 0.00	29.59 2.52 -1.35	38.88 2.84 -8.44	39.02 3.00 -6.63	34.62 2.79 -0.44	43.27 3.48 -3.17	56.94 4.42 -6.51	61.69 4.99 0.00	63.97 4.80 -0.58	56.83 4.58 -3.52	49.05 3.44 -8.20	42.89 3.13 -6.84
TILDEN___115KV_TB1 80814	31.21 -0.48 0.00	27.35 -0.47 0.00	23.43 -0.38 0.00	24.02 -0.39 0.00	23.89 -0.36 0.00	27.73 -0.39 0.00	35.90 -0.44 0.00	35.27 -0.54 0.00	30.54 -0.43 0.00	24.96 -0.35 0.00	23.64 -0.34 0.00	24.29 -0.34 0.00	23.61 -0.34 0.00	25.38 -0.33 0.00	27.25 -0.36 0.00	28.95 -0.44 0.00	31.01 -0.38 0.00	36.11 -0.51 0.00	45.02 -0.64 0.34	55.38 -0.57 0.75	57.14 -0.59 0.86	47.62 -0.58 0.51	36.91 -0.45 0.05	32.43 -0.49 0.00
TRIGEN___CC 323695	34.54 1.65 -1.21	30.06 1.56 -0.68	26.91 1.33 -1.76	26.05 1.34 -0.29	27.71 1.31 -2.15	33.24 1.58 -3.54	41.86 2.00 -3.53	40.32 2.29 -2.22	32.74 1.77 0.00	26.89 1.57 0.00	25.62 1.63 -0.02	26.26 1.63 0.00	25.57 1.63 0.00	28.76 1.70 -1.35	37.97 1.93 -8.44	38.17 2.15 -6.63	33.87 2.04 -0.44	42.35 2.56 -3.17	55.51 2.99 -6.51	60.16 3.46 0.00	62.45 3.28 -0.58	55.02 2.78 -3.52	47.70 2.10 -8.20	41.70 1.94 -6.84
TRINITY___115KV___ 4 BK 55933	32.38 0.70 0.00	28.54 0.72 0.00	24.40 0.60 0.00	25.02 0.61 0.00	24.83 0.58 0.00	28.80 0.68 0.00	36.91 0.58 0.00	36.27 0.47 0.00	31.32 0.34 0.00	25.47 0.15 0.00	24.17 0.19 0.00	24.88 0.25 0.00	24.16 0.22 0.00	26.00 0.28 0.00	27.88 0.28 0.00	29.84 0.44 0.00	31.79 0.41 0.00	37.21 0.59 0.00	46.61 0.60 0.00	57.38 0.68 0.00	59.29 0.70 0.00	49.40 0.68 0.00	38.09 0.67 0.00	33.81 0.89 0.00
UNION___PROCESSING_DRP 323587	29.81 -1.87 0.00	25.93 -1.89 0.00	22.36 -1.45 0.00	22.90 -1.51 0.00	22.80 -1.46 0.00	26.35 -1.77 0.00	32.68 -2.33 1.33	32.92 -2.33 0.56	29.18 -1.80 0.00	24.22 -1.09 0.00	22.94 -1.03 0.00	23.60 -1.03 0.00	22.89 -1.05 0.00	24.61 -1.11 0.00	26.42 -1.19 0.00	27.31 -1.85 0.23	29.58 -1.79 0.02	34.75 -1.87 0.01	41.52 -2.48 2.01	50.99 -2.66 3.04	52.37 -2.75 3.46	43.75 -2.87 2.09	35.24 -1.95 0.22	31.11 -1.81 0.00
UPPER HUDSON___HYD 24058	32.82 1.14 0.00	28.91 1.08 0.00	24.71 0.90 0.00	25.34 0.93 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.68 1.35 0.00	36.81 1.00 0.00	31.72 0.74 0.00	25.67 0.35 0.00	24.31 0.34 0.00	25.00 0.37 0.00	24.30 0.36 0.00	26.15 0.44 0.00	28.02 0.41 0.00	30.13 0.74 0.00	32.14 0.75 0.00	37.72 1.10 0.00	47.80 1.79 0.00	59.19 2.49 0.00	61.40 2.81 0.00	50.96 2.24 0.00	39.02 1.61 0.00	34.37 1.45 0.00
UPPER RAQUET___HYD 24056	31.62 -0.06 0.00	27.66 -0.17 0.00	23.55 -0.26 0.00	24.22 -0.20 0.00	24.03 -0.22 0.00	27.90 -0.23 0.00	36.00 -0.33 0.00	35.38 -0.43 0.00	30.54 -0.43 0.00	24.88 -0.43 0.00	23.54 -0.43 0.00	24.21 -0.42 0.00	23.37 -0.57 0.00	25.00 -0.72 0.00	26.83 -0.77 0.00	28.40 -1.00 0.00	30.22 -1.16 0.00	35.15 -1.47 0.00	44.59 -1.43 0.00	55.05 -1.65 0.00	57.65 -0.94 0.00	47.99 -0.73 0.00	36.85 -0.56 0.00	32.56 -0.36 0.00
VALLEY44_115KV_TB2 355964	28.10 -3.58 0.00	24.48 -3.34 0.00	21.24 -2.57 0.00	21.70 -2.71 0.00	21.66 -2.60 0.00	24.86 -3.26 0.01	28.17 -1.38 6.78	31.64 -1.32 2.85	29.87 -1.08 0.02	23.43 -1.87 0.02	22.18 -1.80 0.00	22.71 -1.92 0.00	22.17 -1.77 0.00	23.71 -2.01 0.00	25.38 -2.21 0.01	26.99 -1.21 1.20	30.19 -1.13 0.07	34.91 -1.68 0.03	39.90 -1.24 4.87	51.48 -1.36 3.85	52.45 -1.82 4.33	44.31 -1.75 2.66	34.91 -2.21 0.29	30.26 -2.63 0.02
VALLEY___115KV_TB 1-4 80826	32.86 1.17 0.00	28.82 1.00 0.00	24.67 0.86 0.00	25.29 0.88 0.00	25.15 0.90 0.00	29.14 1.01 0.00	37.71 1.38 0.00	37.10 1.29 0.00	32.03 1.05 0.00	26.10 0.78 0.00	24.67 0.70 0.00	25.32 0.69 0.00	24.59 0.65 0.00	26.31 0.59 0.00	28.21 0.61 0.00	29.98 0.59 0.00	32.01 0.63 0.00	37.39 0.77 0.00	47.16 1.15 0.00	58.28 1.59 0.00	60.40 1.82 0.00	50.28 1.56 0.00	38.72 1.31 0.00	34.14 1.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.51 0.82 0.00	28.52 0.70 0.00	24.38 0.57 0.00	25.02 0.61 0.00	24.88 0.63 0.00	28.83 0.70 0.00	37.36 1.02 -0.01	36.78 0.97 0.00	31.69 0.71 0.00	25.82 0.51 0.00	24.43 0.46 0.00	25.10 0.47 0.00	24.47 0.53 0.00	26.31 0.59 0.00	28.27 0.66 0.00	30.13 0.73 0.00	32.14 0.75 0.00	37.54 0.92 0.00	47.44 1.43 -0.01	58.63 1.93 0.00	60.70 2.11 0.00	50.33 1.61 0.00	38.53 1.12 0.00	33.91 0.99 0.00
VISCHER___FERRY HYD 24020	32.73 1.04 0.00	28.79 0.97 0.00	24.64 0.83 0.00	25.24 0.83 0.00	25.08 0.83 0.00	29.11 0.98 0.00	37.49 1.16 0.00	36.85 1.04 0.00	31.78 0.80 0.00	25.82 0.51 0.00	24.50 0.53 0.00	25.25 0.62 0.00	24.49 0.55 0.00	26.36 0.64 0.00	28.30 0.69 0.00	30.31 0.91 0.00	32.30 0.91 0.00	37.79 1.17 0.00	47.58 1.57 0.00	58.51 1.81 0.00	60.69 2.11 0.00	50.43 1.70 0.00	38.72 1.31 0.00	34.17 1.25 0.00
V_A_10_SYNC_DSASP 323832	28.64 -3.04 0.00	24.87 -2.95 0.00	21.50 -2.31 0.00	22.00 -2.42 0.00	21.92 -2.33 0.00	25.25 -2.87 0.01	28.23 -3.63 4.47	30.35 -3.58 1.87	28.08 -2.88 0.01	23.46 -1.85 0.01	22.22 -1.75 0.00	22.83 -1.80 0.00	22.17 -1.77 0.00	23.79 -1.93 0.00	25.53 -2.07 0.01	25.70 -2.91 0.78	28.38 -2.95 0.05	33.45 -3.15 0.02	37.98 -4.23 3.80	47.94 -4.93 3.83	49.18 -5.10 4.31	41.26 -4.82 2.64	33.72 -3.40 0.29	29.94 -2.96 0.01
V_CMM_10_SYNC_DSASP 323787	31.87 0.19 0.00	27.93 0.11 0.00	23.83 0.02 0.00	24.46 0.05 0.00	24.28 0.02 0.00	28.18 0.06 0.00	36.37 0.04 0.00	35.84 0.04 0.00	31.04 0.06 0.00	25.37 0.05 0.00	24.02 0.05 0.00	24.70 0.07 0.00	23.99 0.05 0.00	25.72 0.00 0.00	27.58 -0.03 0.00	29.37 -0.03 0.00	31.39 0.00 0.00	36.55 -0.07 0.00	46.06 0.05 0.00	56.30 -0.40 0.00	58.24 -0.35 0.00	48.77 0.05 0.00	37.45 0.04 0.00	32.99 0.07 0.00
V_CMP_10_SYNC_DSASP 323788	32.16 0.48 0.00	28.18 0.36 0.00	24.00 0.19 0.00	24.61 0.20 0.00	24.42 0.17 0.00	28.35 0.23 0.00	36.62 0.29 0.00	36.16 0.36 0.00	31.35 0.37 0.00	25.64 0.33 0.00	24.26 0.29 0.00	24.95 0.32 0.00	24.21 0.26 0.00	25.95 0.23 0.00	27.85 0.25 0.00	29.69 0.29 0.00	31.76 0.38 0.00	36.95 0.33 0.00	46.61 0.60 0.00	57.26 0.57 0.00	59.23 0.64 0.00	49.31 0.58 0.00	37.86 0.45 0.00	33.35 0.43 0.00



V_D_10_SYNC_DSASP 323841	31.97 0.29 0.00	28.02 0.19 0.00	23.88 0.07 0.00	24.53 0.12 0.00	24.35 0.10 0.00	28.24 0.11 0.00	36.44 0.11 0.00	35.91 0.11 0.00	31.07 0.09 0.00	25.42 0.10 0.00	24.05 0.07 0.00	24.73 0.10 0.00	24.01 0.07 0.00	25.74 0.03 0.00	27.63 0.03 0.00	29.40 0.00 0.00	31.42 0.03 0.00	36.55 -0.07 0.00	46.10 0.09 0.00	56.64 -0.06 0.00	58.59 0.00 0.00	48.87 0.15 0.00	37.52 0.11 0.00	33.05 0.13 0.00
V_E_10_SYNC_DSASP 323830	32.92 1.24 0.00	28.74 0.92 0.00	24.59 0.79 0.00	25.27 0.85 0.00	25.15 0.90 0.00	29.14 1.01 0.00	39.81 1.74 -1.73	37.82 1.29 -0.73	31.69 0.71 -0.01	25.57 0.25 0.00	24.07 0.10 0.00	24.73 0.10 0.00	24.11 0.17 0.00	25.95 0.23 0.00	27.88 0.28 0.00	29.96 0.26 -0.30	31.84 0.44 -0.02	37.21 0.59 -0.01	48.35 1.56 -0.77	59.50 2.83 0.04	61.86 3.34 0.07	51.14 2.44 0.02	39.10 1.68 0.00	34.27 1.35 -0.01
V_F_30_NSYNC___DSASP 323816	32.92 1.24 0.00	28.96 1.14 0.00	24.76 0.95 0.00	25.39 0.98 0.00	25.22 0.97 0.00	29.28 1.15 0.00	37.75 1.42 0.00	36.99 1.18 0.00	31.84 0.87 0.00	25.85 0.53 0.00	24.48 0.50 0.00	25.15 0.52 0.00	24.45 0.50 0.00	26.31 0.59 0.00	28.24 0.63 0.00	30.28 0.88 0.00	32.30 0.91 0.00	37.90 1.28 0.00	47.85 1.84 0.00	59.08 2.38 0.00	61.11 2.52 0.00	50.91 2.19 0.00	39.02 1.61 0.00	34.40 1.48 0.00
V_F_30_SYNC_DSASP 323786	32.44 0.76 0.00	28.63 0.81 0.00	24.48 0.67 0.00	25.10 0.68 0.00	24.91 0.65 0.00	28.86 0.73 0.00	37.02 0.69 0.00	36.34 0.54 0.00	31.38 0.40 0.00	25.52 0.20 0.00	24.21 0.24 0.00	24.90 0.27 0.00	24.21 0.26 0.00	26.02 0.31 0.00	27.94 0.33 0.00	29.89 0.50 0.00	31.82 0.44 0.00	37.28 0.66 0.00	46.75 0.74 0.00	57.55 0.85 0.00	59.47 0.88 0.00	49.55 0.83 0.00	38.20 0.79 0.00	33.91 0.99 0.00
V_XM_10_SYNC_DSASP 323789	32.16 0.48 0.00	28.18 0.36 0.00	24.00 0.19 0.00	24.61 0.20 0.00	24.42 0.17 0.00	28.35 0.23 0.00	36.62 0.29 0.00	36.16 0.33 0.00	31.35 0.37 0.00	25.64 0.33 0.00	24.26 0.29 0.00	24.95 0.32 0.00	24.21 0.26 0.00	25.95 0.23 0.00	27.85 0.25 0.00	29.69 0.29 0.00	31.76 0.38 0.00	36.95 0.33 0.00	46.61 0.60 0.00	57.26 0.57 0.00	59.23 0.64 0.00	49.31 0.58 0.00	37.86 0.45 0.00	33.35 0.43 0.00
W.BABYLN_69_KV_BK1 56697	35.43 2.53 -1.21	30.84 2.34 -0.68	27.57 2.00 -1.76	26.73 2.03 -0.29	28.39 1.99 -2.15	34.00 2.33 -3.54	42.87 3.02 -3.53	41.35 3.33 -2.22	33.42 2.45 0.00	27.44 2.13 0.00	26.22 2.23 -0.02	26.85 2.22 0.00	26.15 2.20 0.00	29.41 2.34 -1.35	38.69 2.65 -8.44	38.93 2.91 -6.63	34.68 2.86 -0.44	43.30 3.52 -3.17	56.85 5.16 -6.51	61.86 3.16 0.00	64.20 5.04 -0.58	56.48 4.24 -3.52	48.83 3.22 -8.20	42.66 2.90 -6.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.76 1.08 0.00	28.88 1.06 0.00	24.71 0.90 0.00	25.32 0.90 0.00	25.13 0.87 0.00	29.17 1.04 0.00	37.68 1.34 0.00	37.42 1.61 0.00	32.43 1.46 0.00	26.58 1.27 0.00	25.15 1.17 0.00	25.79 1.16 0.00	25.12 1.17 0.00	26.92 1.21 0.00	29.01 1.41 0.00	31.01 1.62 0.00	32.89 1.51 0.00	38.60 1.98 0.00	48.31 2.30 0.00	59.36 2.66 0.00	61.05 2.46 0.00	50.77 2.05 0.00	38.91 1.50 0.00	34.27 1.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.92 1.24 0.00	29.05 1.22 0.00	24.81 1.00 0.00	25.41 1.00 0.00	25.22 0.97 0.00	29.34 1.21 0.00	37.79 1.45 0.00	37.67 1.86 0.00	32.74 1.77 0.00	26.89 1.57 0.00	25.39 1.41 0.00	26.03 1.40 0.00	25.40 1.46 0.00	27.21 1.49 0.00	29.34 1.74 0.00	31.34 1.94 0.00	33.17 1.79 0.00	38.89 2.27 0.00	48.54 2.53 0.00	59.53 2.83 0.00	61.16 2.58 0.00	50.91 2.19 0.00	38.98 1.57 0.00	34.43 1.51 0.00
W50THST__13_KV_LOAD 356117	33.05 1.36 0.00	29.16 1.34 0.00	24.90 1.10 0.00	25.51 1.10 0.00	25.34 1.09 0.00	29.45 1.32 0.00	38.00 1.67 0.00	37.88 2.08 0.00	32.96 1.98 0.00	27.06 1.75 0.00	25.56 1.58 0.00	26.21 1.58 0.00	25.55 1.60 0.00	27.36 1.65 0.00	29.51 1.90 0.00	31.54 2.15 0.00	33.39 2.01 0.00	39.15 2.53 0.00	48.82 2.81 0.00	59.81 3.12 0.00	61.52 2.93 0.00	51.16 2.44 0.00	39.17 1.76 0.00	34.60 1.68 0.00
WADING RIVER_IC_1 23522	35.58 2.69 -1.21	30.98 2.48 -0.68	27.72 2.14 -1.76	26.85 2.15 -0.29	28.51 2.11 -2.15	34.15 2.48 -3.54	43.06 3.20 -3.53	41.50 3.47 -2.22	33.46 2.48 0.00	27.49 2.18 0.00	26.27 2.28 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.46 2.39 -1.35	38.72 2.68 -8.44	38.82 2.79 -6.63	34.34 2.51 -0.44	42.87 3.08 -3.17	56.48 3.96 -6.51	60.96 4.25 -0.01	63.44 4.27 -0.58	56.48 4.24 -3.52	48.83 3.22 -8.20	42.69 2.93 -6.84
WADING RIVER_IC_2 23547	35.58 2.69 -1.21	30.98 2.48 -0.68	27.72 2.14 -1.76	26.85 2.15 -0.29	28.51 2.11 -2.15	34.15 2.48 -3.54	43.06 3.20 -3.53	41.50 3.47 -2.22	33.46 2.48 0.00	27.49 2.18 0.00	26.27 2.28 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.46 2.39 -1.35	38.72 2.68 -8.44	38.82 2.79 -6.63	34.34 2.51 -0.44	42.87 3.08 -3.17	56.48 3.96 -6.51	60.96 4.25 -0.01	63.44 4.27 -0.58	56.48 4.24 -3.52	48.83 3.22 -8.20	42.69 2.93 -6.84
WADING RIVER_IC_3 23601	35.58 2.69 -1.21	30.98 2.48 -0.68	27.72 2.14 -1.76	26.85 2.15 -0.29	28.51 2.11 -2.15	34.15 2.48 -3.54	43.06 3.20 -3.53	41.50 3.47 -2.22	33.46 2.48 0.00	27.49 2.18 0.00	26.27 2.28 -0.02	26.87 2.24 0.00	26.14 2.20 0.00	29.46 2.39 -1.35	38.72 2.68 -8.44	38.82 2.79 -6.63	34.34 2.51 -0.44	42.87 3.08 -3.17	56.48 3.96 -6.51	60.96 4.25 -0.01	63.44 4.27 -0.58	56.48 4.24 -3.52	48.83 3.22 -8.20	42.69 2.93 -6.84
WALDENNY_12_KV_BK2 80841	28.13 -3.55 0.00	24.40 -3.42 0.00	21.17 -2.64 0.00	21.60 -2.81 0.00	21.59 -2.67 0.00	24.82 -3.29 0.01	25.41 -2.94 7.98	29.55 -2.90 3.35	28.47 -2.48 0.03	23.22 -2.08 0.02	22.03 -1.94 0.00	22.58 -2.04 0.00	22.00 -1.94 0.00	23.58 -2.13 0.00	25.27 -2.32 0.01	25.55 -2.44 1.41	28.82 -2.48 0.09	33.81 -2.78 0.03	37.17 -3.17 5.66	48.65 -3.69 4.37	49.78 -3.93 4.88	41.86 -3.85 3.01	33.97 -3.11 0.33	29.87 -3.03 0.03
WALDEN___HYDRO 24148	32.70 1.01 0.00	28.82 1.00 0.00	24.64 0.83 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.60 1.27 0.00	37.24 1.43 0.00	32.25 1.27 0.00	26.40 1.09 0.00	24.96 0.98 0.00	25.62 0.99 0.00	24.92 0.98 0.00	26.72 1.00 0.00	28.82 1.21 0.00	30.78 1.38 0.00	32.70 1.32 0.00	38.41 1.79 0.00	48.17 2.16 0.00	59.19 2.49 0.00	60.93 2.34 0.00	50.67 1.95 0.00	38.80 1.38 0.00	34.20 1.28 0.00
WARRENSBURG____ 23737	32.82 1.14 0.00	28.91 1.09 0.00	24.69 0.88 0.00	25.34 0.93 0.00	25.17 0.92 0.00	29.25 1.13 0.00	37.68 1.34 0.00	36.81 1.00 0.00	31.72 0.74 0.00	25.67 0.35 0.00	24.31 0.34 0.00	24.95 0.32 0.00	24.30 0.36 0.00	26.15 0.44 0.00	28.02 0.41 0.00	30.13 0.73 0.00	32.14 0.75 0.00	37.76 1.14 0.00	47.81 1.79 0.00	59.19 2.49 0.00	61.22 2.64 0.00	51.01 2.29 0.00	39.02 1.61 0.00	34.37 1.45 0.00

WATERSIDE___6 8 9 23538	32.98 1.30 0.00	29.07 1.25 0.00	24.83 1.02 0.00	25.44 1.03 0.00	25.25 0.99 0.00	29.34 1.21 0.00	37.71 1.38 0.00	37.60 1.79 0.00	32.71 1.73 0.00	26.91 1.59 0.00	25.41 1.44 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.24 1.52 -0.01	29.38 1.77 -0.01	31.40 2.00 -0.01	33.21 1.82 0.00	38.93 2.31 0.00	48.40 2.39 0.00	59.25 2.55 0.00	60.87 2.28 0.00	50.72 2.00 0.00	38.91 1.50 0.00	34.47 1.55 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.49 1.81 0.00	29.38 1.56 0.00	25.14 1.33 0.00	25.76 1.34 0.00	25.61 1.36 0.00	29.67 1.55 0.00	38.44 2.11 0.00	37.81 2.01 0.00	32.62 1.64 0.00	26.58 1.27 0.00	25.10 1.13 0.00	25.76 1.13 0.00	25.00 1.05 0.00	26.69 0.98 0.00	28.63 1.02 0.00	30.39 1.00 0.00	32.45 1.07 0.00	37.94 1.32 0.00	47.90 1.89 0.00	59.25 2.55 0.00	61.40 2.81 0.00	51.21 2.48 0.00	39.47 2.06 0.00	34.80 1.88 0.00
WDELAWARE___HYD 323627	32.51 0.82 0.00	28.60 0.78 0.00	24.47 0.67 0.00	25.07 0.66 0.00	24.88 0.63 0.00	28.89 0.76 0.00	37.35 1.02 0.00	36.92 1.11 0.00	31.90 0.93 0.00	26.07 0.76 0.00	24.64 0.67 0.00	25.30 0.67 0.00	24.61 0.67 0.00	26.43 0.72 0.00	28.49 0.88 0.00	30.42 1.03 0.00	32.36 0.97 0.00	37.98 1.36 0.00	47.90 1.89 0.00	59.02 2.33 0.00	60.93 2.35 0.00	50.47 1.75 0.00	38.61 1.20 0.00	33.97 1.05 0.00
WEST BABYLON___IC 23714	35.43 2.53 -1.21	30.84 2.34 -0.68	27.57 2.00 -1.76	26.73 2.03 -0.29	28.39 1.99 -2.15	34.00 2.33 -3.54	42.87 3.02 -3.53	41.35 3.33 -2.22	33.42 2.45 0.00	27.44 2.13 0.00	26.22 2.23 -0.02	26.85 2.22 0.00	26.15 2.20 0.00	29.41 2.34 -1.35	38.69 2.65 -8.44	38.93 2.91 -6.63	34.68 2.86 -0.44	43.30 3.52 -3.17	56.85 4.33 -6.51	61.86 5.16 0.00	64.20 5.04 -0.58	56.48 4.24 -3.52	48.83 3.22 -8.20	42.66 2.90 -6.84
WEST CANADA___HYD 24049	31.75 0.06 0.00	27.88 0.06 0.00	23.86 0.05 0.00	24.46 0.05 0.00	24.30 0.05 0.00	28.18 0.06 0.00	36.37 0.04 0.00	35.88 0.07 0.00	31.01 0.03 0.00	25.32 0.00 0.00	23.97 0.00 0.00	24.63 0.00 0.00	23.97 0.02 0.00	25.74 0.03 0.00	27.63 0.03 0.00	29.42 0.03 0.00	31.39 0.00 0.00	36.66 0.04 0.00	46.06 0.05 0.00	56.75 0.06 0.00	58.70 0.12 0.00	48.77 0.05 0.00	37.49 0.07 0.00	32.99 0.07 0.00
WESTERN_NY_WIND 24143	28.83 -2.85 0.00	24.96 -2.87 0.00	21.62 -2.19 0.00	22.12 -2.29 0.00	22.07 -2.18 0.00	25.42 -2.70 0.01	28.81 -2.72 4.79	31.07 -2.48 2.01	28.48 -2.48 0.02	23.58 -1.72 0.01	22.29 -1.68 0.00	22.93 -1.70 0.00	22.24 -1.70 0.00	23.91 -1.80 0.00	25.64 -1.96 0.01	26.22 -2.32 0.85	28.78 -2.54 0.06	33.97 -2.64 0.02	39.14 -2.94 3.93	49.69 -3.23 3.78	50.90 -3.46 4.23	42.56 -3.56 2.61	34.44 -2.69 0.28	30.34 -2.57 0.02
WESTOVER___LESR 323668	31.08 -0.60 0.00	27.26 -0.56 0.00	23.38 -0.43 0.00	23.97 -0.44 0.00	23.84 -0.41 0.00	27.62 -0.51 0.00	37.30 -0.18 -1.15	36.04 -0.25 -0.48	30.73 -0.25 0.00	24.99 -0.33 0.00	23.64 -0.34 0.00	24.26 -0.37 0.00	23.61 -0.34 0.00	25.35 -0.36 0.00	27.22 -0.39 0.00	29.30 -0.29 -0.20	31.15 -0.25 -0.01	36.33 -0.29 0.00	46.20 -0.18 -0.37	56.36 0.00 0.34	58.06 -0.12 0.41	48.24 -0.24 0.23	37.09 -0.30 0.02	32.53 -0.40 0.00
WETHRSFD_WT_PWR 323626	28.93 -2.76 0.00	25.18 -2.64 0.00	21.67 -2.14 0.00	22.29 -2.12 0.00	22.26 -1.99 0.00	25.61 -2.48 0.04	11.06 -2.14 23.12	23.71 -2.40 9.70	28.77 -2.14 0.07	23.42 -1.85 0.05	22.20 -1.77 0.00	22.76 -1.87 0.00	22.15 -1.80 0.00	23.76 -1.96 0.00	25.41 -2.15 0.04	23.04 -2.29 4.06	28.83 -2.29 0.27	34.04 -2.49 0.09	29.23 -2.71 14.07	46.15 -2.83 7.72	46.55 -3.58 8.46	40.56 -2.83 5.34	34.53 -2.28 0.60	30.54 -2.31 0.07
WHAVSTOR_138KV_BK127 55557	32.70 1.01 0.00	28.82 1.00 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.57 1.24 0.00	37.31 1.50 0.00	32.37 1.39 0.00	26.53 1.22 0.00	25.10 1.13 0.00	25.74 1.11 0.00	25.09 1.15 0.00	26.87 1.16 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.80 1.41 0.00	38.49 1.87 0.00	48.13 2.12 0.00	59.13 2.44 0.00	60.81 2.23 0.00	50.62 1.90 0.00	38.76 1.35 0.00	34.17 1.25 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.70 1.01 0.00	28.82 1.00 0.00	24.67 0.86 0.00	25.27 0.85 0.00	25.08 0.82 0.00	29.11 0.98 0.00	37.57 1.24 0.00	37.31 1.50 0.00	32.37 1.39 0.00	26.53 1.22 0.00	25.10 1.13 0.00	25.74 1.11 0.00	25.09 1.15 0.00	26.87 1.16 0.00	28.98 1.38 0.00	30.95 1.56 0.00	32.80 1.41 0.00	38.49 1.87 0.00	48.13 2.12 0.00	59.13 2.44 0.00	60.81 2.23 0.00	50.62 1.90 0.00	38.76 1.35 0.00	34.17 1.25 0.00
WHITEHAL_115KV_TB1 80871	33.24 1.55 0.00	29.30 1.47 0.00	25.00 1.19 0.00	25.66 1.25 0.00	25.51 1.26 0.00	29.65 1.52 0.00	38.15 1.82 0.00	37.17 1.36 0.00	32.03 1.05 0.00	25.85 0.53 0.00	24.43 0.46 0.00	25.07 0.44 0.00	24.42 0.48 0.00	26.31 0.59 0.00	28.13 0.52 0.00	30.28 0.88 0.00	32.33 0.94 0.00	38.05 1.43 0.00	48.36 2.35 0.00	60.04 3.35 0.00	62.22 3.63 0.00	51.79 3.07 0.00	39.62 2.21 0.00	34.89 1.98 0.00
WHITEPLN_13_KV_LOAD 356215	33.08 1.39 0.00	29.16 1.34 0.00	24.93 1.12 0.00	25.54 1.12 0.00	25.34 1.09 0.00	29.42 1.29 0.00	38.00 1.67 0.00	37.78 1.97 0.00	32.80 1.83 0.00	26.86 1.54 0.00	25.41 1.44 0.00	26.06 1.43 0.00	25.38 1.44 0.00	27.21 1.49 0.00	29.34 1.74 0.00	31.36 1.97 0.00	33.24 1.85 0.00	38.96 2.34 0.00	48.87 2.85 0.00	59.99 3.29 0.00	61.75 3.16 0.00	51.30 2.58 0.00	39.25 1.83 0.00	34.60 1.68 0.00
WM_FLOYD_69_KV_BK2 356380	35.55 2.66 -1.21	30.95 2.45 -0.68	27.67 2.10 -1.76	26.83 2.12 -0.29	28.51 2.11 -2.15	34.12 2.45 -3.54	43.06 3.20 -3.53	41.50 3.47 -2.22	33.45 2.48 0.00	27.47 2.15 0.00	26.24 2.25 -0.02	26.85 2.22 0.00	26.12 2.18 0.00	29.43 2.37 -1.35	38.69 2.65 -8.44	38.85 2.82 -6.63	34.50 2.67 -0.44	43.09 3.30 -3.17	56.57 4.05 -6.51	61.29 4.59 0.00	63.62 4.45 -0.58	56.48 4.24 -3.52	48.83 3.22 -8.20	42.69 2.93 -6.84
WOODARD___115KV_TB2 355635	31.08 -0.60 0.00	27.24 -0.58 0.00	23.36 -0.45 0.00	23.92 -0.49 0.00	23.79 -0.46 0.00	27.62 -0.51 0.00	35.71 -0.62 0.00	35.13 -0.68 0.00	30.42 -0.56 0.00	24.89 -0.43 0.00	23.57 -0.41 0.00	24.19 -0.44 0.00	23.54 -0.41 0.00	25.30 -0.41 0.00	27.16 -0.44 0.00	28.84 -0.56 0.00	30.85 -0.53 0.00	35.92 -0.70 0.00	44.78 -0.92 0.31	55.12 -0.91 0.67	56.88 -0.94 0.77	47.34 -0.93 0.46	36.69 -0.67 0.05	32.26 -0.66 0.00
YORK___WARBASSE 23770	33.17 1.49 0.00	29.24 1.42 0.00	24.95 1.14 0.00	25.56 1.15 0.00	25.37 1.12 0.00	29.39 1.27 0.00	37.79 1.45 0.00	37.60 1.79 0.00	32.68 1.70 0.00	26.91 1.59 0.00	25.39 1.41 0.00	26.06 1.43 0.00	25.43 1.48 0.00	27.27 1.54 -0.01	29.41 1.79 -0.01	31.43 2.03 -0.01	33.27 1.88 0.00	39.04 2.42 0.00	48.54 2.53 0.00	59.42 2.72 0.00	61.05 2.46 0.00	50.96 2.24 0.00	39.10 1.68 0.00	34.66 1.74 0.00