

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								07/03/2024		
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	26.34	24.17	22.52	21.14	21.56	22.41	25.08	25.76	26.26	26.85	27.72	29.24	30.78	33.82	35.06	36.10	41.37	47.12	47.14	42.60	39.16	34.09	30.27	28.48			
		1.88	1.60	1.55	1.51	1.52	1.56	1.79	2.06	2.35	2.46	2.54	2.66	3.10	3.23	3.60	3.66	4.29	5.05	4.79	4.22	3.72	3.01	2.55	2.06			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-2.48	-0.11	-0.59	-1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	26.39	24.19	22.54	21.16	21.60	22.41	25.08	25.81	26.24	26.85	27.77	29.27	30.75	33.96	35.10	36.21	41.46	47.16	47.19	42.56	39.27	34.15	30.33	28.50			
		1.93	1.62	1.57	1.53	1.56	1.56	1.79	2.11	2.32	2.46	2.59	2.68	3.07	3.20	3.64	3.73	4.29	5.09	4.83	4.18	3.83	3.08	2.61	2.09			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-2.65	-0.11	-0.63	-1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	26.39	24.19	22.54	21.16	21.60	22.41	25.08	25.81	26.24	26.85	27.77	29.27	30.75	33.96	35.10	36.21	41.46	47.16	47.19	42.56	39.27	34.15	30.33	28.50			
		1.93	1.62	1.57	1.53	1.56	1.56	1.79	2.11	2.32	2.46	2.59	2.68	3.07	3.20	3.64	3.73	4.29	5.09	4.83	4.18	3.83	3.08	2.61	2.09			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-2.65	-0.11	-0.63	-1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	25.75	23.81	22.04	20.59	21.06	21.95	24.55	24.91	25.16	25.63	26.25	27.75	29.08	29.45	32.88	33.44	37.68	44.51	45.45	41.06	37.96	33.28	29.50	28.00			
		1.30	1.24	1.07	0.96	1.02	1.10	1.26	1.21	1.24	1.24	1.08	1.17	1.41	1.35	1.54	1.59	1.90	2.44	3.09	2.69	2.52	2.21	1.77	1.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.88	23.92	22.12	20.67	21.14	22.03	24.64	24.96	25.28	25.75	26.35	27.86	29.24	29.59	33.04	33.60	37.89	44.85	45.79	41.37	38.24	33.50	29.69	28.16			
		1.42	1.35	1.15	1.04	1.10	1.19	1.35	1.26	1.36	1.36	1.18	1.28	1.58	1.49	1.69	1.75	2.11	2.78	3.43	3.00	2.80	2.43	1.97	1.74			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.75	23.81	22.04	20.59	21.06	21.95	24.55	24.91	25.16	25.63	26.25	27.75	29.08	29.45	32.88	33.44	37.68	44.51	45.45	41.06	37.96	33.28	29.50	28.00			
		1.30	1.24	1.07	0.96	1.02	1.10	1.26	1.21	1.24	1.24	1.08	1.17	1.41	1.35	1.54	1.59	1.90	2.44	3.09	2.69	2.52	2.21	1.77	1.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.70	23.76	22.12	20.74	21.16	22.03	24.55	24.88	25.04	25.51	26.27	27.70	29.13	29.54	32.91	33.47	37.75	44.55	44.90	40.64	37.42	32.75	29.13	27.63			
		1.25	1.20	1.15	1.12	1.12	1.19	1.26	1.18	1.12	1.12	1.11	1.12	1.47	1.43	1.57	1.62	1.97	2.48	2.54	2.26	1.98	1.68	1.41	1.22			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.22	23.42	21.81	20.43	20.84	21.68	24.18	24.60	24.47	24.93	25.69	27.11	28.41	28.84	32.10	32.64	36.78	43.33	43.67	39.49	36.40	31.85	28.41	26.94			
		0.76	0.86	0.84	0.80	0.80	0.83	0.89	0.90	0.55	0.54	0.53	0.53	0.75	0.73	0.75	0.80	1.00	1.26	1.31	1.11	0.96	0.78	0.69	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	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	23.99	22.27	20.68	19.35	19.76	20.51	22.99	23.27	23.48	23.85	24.53	26.13	26.72	27.04	30.09	30.54	34.21	40.30	40.49	36.76	33.99	29.83	26.70	25.65			
		-0.46	-0.29	-0.29	-0.27	-0.28	-0.33	-0.30	-0.43	-0.43	-0.54	-0.63	-0.69	-0.94	-1.07	-1.25	-1.31	-1.57	-1.77	-1.86	-1.61	-1.45	-1.24	-1.03	-0.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	25.53	23.67	21.98	20.59	21.00	21.87	24.36	24.65	24.66	25.07	25.74	27.11	28.41	28.81	32.13	32.67	36.96	43.75	44.27	40.10	37.00	32.41	28.94	27.44			
		1.07	1.11	1.01	0.96	0.96	1.02	1.07	0.95	0.74	0.68	0.58	0.53	0.75	0.70	0.78	0.83	1.18	1.68	1.91	1.73	1.56	1.34	1.22	1.03			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.51	23.67	21.98	20.57	21.00	21.85	24.36	24.65	24.66	25.07	25.74	27.11	28.38	28.81	32.13	32.67	36.96	43.75	44.27	40.10	37.00	32.41	28.91	27.42			
		1.05	1.11	1.01	0.94	0.96	1.00	1.07	0.95	0.74	0.68	0.58	0.53	0.72	0.70	0.78	0.83	1.18	1.68	1.91	1.73	1.56	1.34	1.19	1.00			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.22	23.42	21.81	20.43	20.84	21.68	24.18	24.60	24.47	24.93	25.69	27.11	28.41	28.84	32.10	32.64	36.78	43.33	43.67	39.49	36.40	31.85	28.41	26.94			
		0.76	0.86	0.84	0.80	0.80	0.83	0.89	0.90	0.55	0.54	0.53	0.53	0.75	0.73	0.75	0.80	1.00	1.26	1.31	1.11	0.96	0.78	0.69	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	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	25.22 0.76 0.00	23.42 0.86 0.00	21.81 0.84 0.00	20.43 0.80 0.00	20.84 0.80 0.00	21.68 0.83 0.00	24.18 0.89 0.00	24.60 0.90 0.00	24.47 0.55 0.00	24.93 0.54 0.00	25.69 0.53 0.00	27.11 0.53 0.00	28.41 0.75 0.00	28.84 0.73 0.00	32.10 0.75 0.00	32.64 0.80 0.00	36.78 1.00 0.00	43.33 1.26 0.00	43.67 1.31 0.00	39.49 1.11 0.00	36.40 0.96 0.00	31.85 0.78 0.00	28.41 0.69 0.00	26.94 0.53 0.00
ALBANY___3 23573	25.22 0.76 0.00	23.42 0.86 0.00	21.81 0.84 0.00	20.43 0.80 0.00	20.84 0.80 0.00	21.68 0.83 0.00	24.18 0.89 0.00	24.60 0.90 0.00	24.47 0.55 0.00	24.93 0.54 0.00	25.69 0.53 0.00	27.11 0.53 0.00	28.41 0.75 0.00	28.84 0.73 0.00	32.10 0.75 0.00	32.64 0.80 0.00	36.78 1.00 0.00	43.33 1.26 0.00	43.67 1.31 0.00	39.49 1.11 0.00	36.40 0.96 0.00	31.85 0.78 0.00	28.41 0.69 0.00	26.94 0.53 0.00
ALBANY___4 23574	25.22 0.76 0.00	23.42 0.86 0.00	21.81 0.84 0.00	20.43 0.80 0.00	20.84 0.80 0.00	21.68 0.83 0.00	24.18 0.89 0.00	24.60 0.90 0.00	24.47 0.55 0.00	24.93 0.54 0.00	25.69 0.53 0.00	27.11 0.53 0.00	28.41 0.75 0.00	28.84 0.73 0.00	32.10 0.75 0.00	32.64 0.80 0.00	36.78 1.00 0.00	43.33 1.26 0.00	43.67 1.31 0.00	39.49 1.11 0.00	36.40 0.96 0.00	31.85 0.78 0.00	28.41 0.69 0.00	26.94 0.53 0.00
ALBANY___LFGE 323615	25.41 0.95 0.00	23.60 1.04 0.00	21.94 0.97 0.00	20.55 0.92 0.00	20.96 0.92 0.00	21.81 0.96 0.00	24.34 1.05 0.00	24.72 1.02 0.00	24.70 0.79 0.00	25.17 0.78 0.00	25.94 0.78 0.00	27.38 0.80 0.00	28.74 1.08 0.00	29.15 1.04 0.00	32.48 1.13 0.00	33.03 1.18 0.00	37.21 1.43 0.00	43.88 1.81 0.00	44.22 1.86 0.00	39.95 1.57 0.00	36.82 1.38 0.00	32.23 1.15 0.00	28.75 1.03 0.00	27.23 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	23.90 -0.56 0.00	22.36 -0.20 0.00	20.76 -0.21 0.00	19.43 -0.20 0.00	19.84 -0.20 0.00	20.60 -0.25 0.00	23.06 -0.23 0.00	23.18 -0.52 0.00	23.39 -0.53 0.00	23.71 -0.68 0.00	24.38 -0.78 0.00	26.09 -0.88 -0.39	26.53 -1.13 0.00	26.84 -1.26 0.00	29.84 -1.50 0.00	30.32 -1.53 0.00	33.96 -1.82 0.00	40.01 -2.06 0.00	40.24 -2.12 0.00	36.53 -1.84 0.00	33.81 -1.63 0.00	29.65 -1.43 0.00	26.56 -1.16 0.00	25.52 -0.90 0.00
ALCOA_RYNLDS___DRP 24188	23.90 -0.56 0.00	22.36 -0.20 0.00	20.76 -0.21 0.00	19.43 -0.20 0.00	19.84 -0.20 0.00	20.60 -0.25 0.00	23.06 -0.23 0.00	23.18 -0.52 0.00	23.39 -0.53 0.00	23.71 -0.68 0.00	24.38 -0.78 0.00	26.09 -0.88 -0.39	26.53 -1.13 0.00	26.84 -1.26 0.00	29.84 -1.50 0.00	30.32 -1.53 0.00	33.96 -1.82 0.00	40.01 -2.06 0.00	40.24 -2.12 0.00	36.53 -1.84 0.00	33.81 -1.63 0.00	29.65 -1.43 0.00	26.56 -1.16 0.00	25.52 -0.90 0.00
ALCOA___DSASP 323711	23.90 -0.56 0.00	22.36 -0.20 0.00	20.76 -0.21 0.00	19.43 -0.20 0.00	19.84 -0.20 0.00	20.60 -0.25 0.00	23.10 -0.19 0.00	23.39 -0.31 0.00	23.39 -0.53 0.00	23.71 -0.68 0.00	24.38 -0.78 0.00	26.09 -0.88 -0.39	26.50 -1.16 0.00	26.84 -1.26 0.00	29.84 -1.50 0.00	30.32 -1.53 0.00	33.96 -1.82 0.00	40.05 -2.02 0.00	40.24 -2.12 0.00	36.53 -1.84 0.00	33.81 -1.63 0.00	29.65 -1.43 0.00	26.47 -1.25 0.00	25.52 -0.90 0.00
ALLEGHENY___COGEN 23514	24.70 0.24 0.00	22.50 -0.07 0.00	20.78 -0.19 0.00	19.39 -0.23 0.00	19.80 -0.24 0.00	20.72 -0.12 0.00	22.94 -0.35 0.00	23.32 -0.38 0.00	23.41 -0.50 0.00	23.71 -0.68 0.00	24.61 -0.55 0.00	26.40 -0.18 0.00	27.36 -0.30 0.00	28.08 -0.03 0.00	31.41 0.06 0.00	32.04 0.19 0.00	36.07 0.28 0.00	42.41 0.34 0.00	43.67 1.31 0.00	40.10 1.73 0.00	37.67 2.23 0.00	33.19 2.11 0.00	29.47 1.75 0.00	27.89 1.48 0.00
ALTAMONT_115KV_TB 2 55880	25.27 0.81 0.00	23.33 0.77 0.00	21.71 0.73 0.00	20.33 0.71 0.00	20.76 0.72 0.00	21.60 0.75 0.00	24.11 0.82 0.00	24.53 0.83 0.00	24.63 0.72 0.00	25.12 0.73 0.00	25.89 0.73 0.00	27.33 0.74 0.00	28.60 0.94 0.00	29.09 0.98 0.00	32.45 1.10 0.00	32.99 1.15 0.00	37.14 1.36 0.00	43.75 1.68 0.00	44.10 1.74 0.00	39.91 1.54 0.00	36.79 1.35 0.00	32.19 1.12 0.00	28.66 0.94 0.00	27.18 0.77 0.00
ALTONA_WT_PWR 323606	24.17 -0.29 0.00	22.38 -0.18 0.00	20.80 -0.17 0.00	19.41 -0.22 0.00	19.80 -0.24 0.00	20.51 -0.33 0.00	22.99 -0.30 0.00	23.35 -0.35 0.00	23.49 -0.43 0.00	23.85 -0.54 0.00	24.54 -0.63 0.00	25.89 -0.69 0.00	26.64 -1.02 0.00	26.98 -1.13 0.00	29.91 -1.44 0.00	30.29 -1.56 0.00	33.92 -1.86 0.00	39.97 -2.10 0.00	40.20 -2.16 0.00	36.42 -1.96 0.00	33.67 -1.77 0.00	29.40 -1.68 0.00	26.14 -1.58 0.00	25.20 -1.21 0.00
AMERICAN_REF_FUEL 24010	22.65 -1.81 0.00	20.60 -1.96 0.00	19.04 -1.93 0.00	17.82 -1.81 0.00	18.20 -1.84 0.00	18.97 -1.88 0.00	20.85 -2.45 0.00	21.35 -2.35 0.00	21.91 -2.01 0.00	22.29 -2.10 0.00	23.45 -1.71 0.00	25.07 -1.51 0.00	25.95 -1.72 0.00	26.73 -1.38 0.00	29.91 -1.44 0.00	30.45 -1.40 0.00	33.78 -2.00 0.00	38.79 -3.28 0.00	39.69 -2.67 0.00	36.19 -2.19 0.00	33.95 -1.49 0.00	29.74 -1.34 0.00	26.70 -1.03 0.00	25.70 -0.71 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.07 -1.39 0.00	20.87 -1.69 0.00	19.27 -1.70 0.00	18.04 -1.59 0.00	18.44 -1.60 0.00	19.22 -1.63 0.00	21.20 -2.10 0.00	21.78 -1.92 0.00	22.34 -1.58 0.00	22.81 -1.58 0.00	24.08 -1.08 0.00	25.73 -0.85 0.00	26.78 -0.89 0.00	27.69 -0.42 0.00	31.01 -0.34 0.00	31.50 -0.35 0.00	35.10 -0.68 0.00	40.47 -1.60 0.00	41.51 -0.85 0.00	37.76 -0.62 0.00	35.37 -0.07 0.00	31.08 0.00 0.00	27.86 0.14 0.00	26.76 0.34 0.00
ARTHUR KILL_GT_1 23520	26.49 2.03 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.21 1.57 -0.01	21.63 1.58 -0.01	22.30 1.46 0.00	24.92 1.63 0.00	25.57 1.87 0.00	26.07 2.15 0.00	32.80 2.32 -6.09	35.21 2.44 -7.61	29.17 2.53 -0.06	30.60 2.88 -0.06	34.99 3.01 -3.88	35.05 3.48 -0.22	67.18 3.57 -31.77	70.21 4.15 -30.28	66.67 4.92 -19.68	66.62 4.62 -19.65	42.37 3.95 -0.04	39.15 3.65 -0.06	33.99 2.86 -0.06	43.52 2.52 -13.27	28.60 2.17 -0.02
ARTHUR_KILL_2 23512	26.42 1.96 -0.01	24.19 1.63 0.00	22.55 1.57 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.24 1.40 0.00	24.87 1.58 0.00	25.50 1.80 0.00	25.99 2.08 0.00	32.73 2.24 -6.09	35.14 2.36 -7.61	29.06 2.42 -0.06	30.49 2.77 -0.06	34.88 2.90 -3.88	34.92 3.36 -0.22	67.06 3.44 -31.77	70.07 4.01 -30.28	66.46 4.71 -19.68	66.45 4.45 -19.65	42.22 3.80 -0.04	39.00 3.51 -0.06	33.87 2.74 -0.06	43.44 2.44 -13.27	28.52 2.09 -0.02
ARTHUR_KILL_3 23513	26.17 1.71 0.00	23.99 1.42 0.00	22.36 1.38 0.00	20.98 1.35 0.00	21.40 1.36 0.00	22.24 1.40 0.00	24.87 1.58 0.00	25.55 1.85 0.00	26.04 2.13 -6.09	32.74 2.27 -7.60	35.16 2.39 -7.60	29.05 2.42 -0.04	30.53 2.82 -0.05	34.58 2.95 -3.52	34.90 3.36 -0.19	59.41 3.41 -24.15	62.98 4.01 -23.19	61.65 4.71 -14.87	61.66 4.45 -14.85	42.25 3.84 -0.03	38.99 3.51 -0.04	33.92 2.80 -0.04	40.14 2.38 -10.03	28.24 1.82 -0.01

ARTHUR_KILL_COGEN 323718	26.49 2.03 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.21 1.57 -0.01	21.63 1.58 -0.01	22.30 1.46 0.00	24.92 1.63 0.00	25.57 1.87 0.00	26.07 2.15 0.00	32.80 2.32 -6.09	35.21 2.44 -7.61	29.17 2.53 -0.06	30.60 2.88 -0.06	34.99 3.01 -3.88	35.05 3.48 -0.22	67.18 3.57 -31.77	70.21 4.15 -30.28	66.67 4.92 -19.68	66.62 4.62 -19.65	42.37 3.95 -0.04	39.15 3.65 -0.06	33.99 2.86 -0.06	43.52 2.52 -13.27	28.60 2.17 -0.02
ASHOKAN____ 23654	26.37 1.91 0.00	24.30 1.74 0.00	22.61 1.64 0.00	21.18 1.55 0.00	21.64 1.60 0.00	22.56 1.71 0.00	25.15 1.86 0.00	25.19 1.49 0.00	25.25 1.34 0.00	25.68 1.29 0.00	26.45 1.28 0.00	27.75 1.17 0.00	29.21 1.55 0.00	29.76 1.66 0.00	33.32 1.98 0.00	33.82 1.98 0.00	38.04 2.26 0.00	45.06 2.99 0.00	45.54 3.18 0.00	41.14 2.76 0.00	37.96 2.52 0.00	33.22 2.14 0.00	29.77 2.05 0.00	28.16 1.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.37 1.91 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.22 1.59 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.92 1.63 0.00	25.54 1.85 0.01	26.04 2.13 0.01	26.72 2.34 0.01	27.64 2.47 -0.01	29.07 2.50 0.01	30.60 2.93 -0.01	33.81 3.06 -2.64	34.96 3.51 -0.11	36.04 3.57 -0.62	41.21 4.08 -1.35	46.73 4.67 0.01	46.71 4.36 0.01	42.05 3.68 0.01	38.87 3.44 0.01	33.81 2.74 0.00	30.33 2.60 0.00	28.48 2.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.37 1.91 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.22 1.59 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.92 1.63 0.00	25.54 1.85 0.01	26.04 2.13 0.01	26.72 2.34 0.01	27.64 2.47 -0.01	29.07 2.50 0.01	30.60 2.93 -0.01	33.81 3.06 -2.64	34.96 3.51 -0.11	36.04 3.57 -0.62	41.21 4.08 -1.35	46.73 4.67 0.01	46.71 4.36 0.01	42.05 3.68 0.01	38.87 3.44 0.01	33.81 2.74 0.00	30.33 2.60 0.00	28.48 2.06 0.00
ASTORIA_GT2_1 24094	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 0.00	21.67 1.62 0.00	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT2_2 24095	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT2_3 24096	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT2_4 24097	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT3_1 24098	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT3_2 24099	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT3_3 24100	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT3_4 24101	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT4_1 24102	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT4_2 24103	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT4_3 24104	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00

ASTORIA_GT4_4 24105	26.39 1.93 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.04 2.13 0.00	26.72 2.34 0.01	27.64 2.47 -0.01	29.11 2.53 0.00	30.61 2.93 -0.02	33.85 3.09 -2.65	34.97 3.51 -0.11	36.08 3.60 -0.63	41.21 4.08 -1.35	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.30 2.58 0.00	28.50 2.09 0.00
ASTORIA_GT_1 23523	26.42 1.96 0.00	24.28 1.71 0.00	22.69 1.72 0.00	21.26 1.63 -0.01	21.71 1.66 -0.01	22.43 1.58 0.00	24.97 1.68 0.00	25.61 1.92 0.01	26.11 2.20 0.01	26.77 2.39 0.01	27.71 2.54 -0.01	29.15 2.58 0.01	30.69 3.02 -0.01	33.89 3.15 -2.64	35.06 3.60 -0.11	36.13 3.66 -0.62	41.35 4.22 -1.35	46.86 4.79 0.01	46.84 4.49 0.01	42.17 3.80 0.01	38.97 3.54 0.01	33.90 2.83 0.00	30.38 2.66 0.00	28.55 2.14 0.00
ASTORIA_GT_10 24110	26.32 1.86 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.09 2.18 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.58 2.90 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.05 3.57 -0.63	41.21 4.04 -1.38	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.22 2.49 0.00	28.42 2.01 0.00
ASTORIA_GT_11 24225	26.32 1.86 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.09 2.18 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.58 2.90 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.05 3.57 -0.63	41.21 4.04 -1.38	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.22 2.49 0.00	28.42 2.01 0.00
ASTORIA_GT_12 24226	26.32 1.86 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.09 2.18 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.58 2.90 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.05 3.57 -0.63	41.21 4.04 -1.38	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.22 2.49 0.00	28.42 2.01 0.00
ASTORIA_GT_13 24227	26.32 1.86 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.09 2.18 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.58 2.90 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.05 3.57 -0.63	41.21 4.04 -1.38	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.22 2.49 0.00	28.42 2.01 0.00
ASTORIA_GT_5 24106	26.44 1.98 0.00	24.26 1.69 0.00	22.67 1.70 0.00	21.26 1.63 -0.01	21.71 1.66 -0.01	22.43 1.58 0.00	24.99 1.70 0.00	25.67 1.97 0.00	26.09 2.18 0.00	26.77 2.39 0.01	27.71 2.54 -0.01	29.16 2.58 0.00	30.70 3.02 -0.02	33.90 3.15 -2.65	35.07 3.61 -0.11	36.14 3.66 -0.63	41.32 4.19 -1.35	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	38.98 3.54 0.00	33.96 2.89 0.00	30.35 2.63 0.00	28.55 2.14 0.00
ASTORIA_GT_7 24107	26.44 1.98 0.00	24.26 1.69 0.00	22.67 1.70 0.00	21.26 1.63 -0.01	21.71 1.66 -0.01	22.43 1.58 0.00	24.99 1.70 0.00	25.67 1.97 0.00	26.09 2.18 0.00	26.77 2.39 0.01	27.71 2.54 -0.01	29.16 2.58 0.00	30.70 3.02 -0.02	33.90 3.15 -2.65	35.07 3.61 -0.11	36.14 3.66 -0.63	41.32 4.19 -1.35	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	38.98 3.54 0.00	33.96 2.89 0.00	30.35 2.63 0.00	28.55 2.14 0.00
ASTORIA_GT_8 24108	26.44 1.98 0.00	24.26 1.69 0.00	22.67 1.70 0.00	21.26 1.63 -0.01	21.71 1.66 -0.01	22.43 1.58 0.00	24.99 1.70 0.00	25.67 1.97 0.00	26.09 2.18 0.00	26.77 2.39 0.01	27.71 2.54 -0.01	29.16 2.58 0.00	30.70 3.02 -0.02	33.90 3.15 -2.65	35.07 3.61 -0.11	36.14 3.66 -0.63	41.32 4.19 -1.35	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	38.98 3.54 0.00	33.96 2.89 0.00	30.35 2.63 0.00	28.55 2.14 0.00
ASTORIA___2 24149	26.39 1.93 0.00	24.23 1.67 0.00	22.65 1.68 0.00	21.24 1.61 -0.01	21.67 1.62 -0.01	22.39 1.54 0.00	24.94 1.65 0.00	25.56 1.87 0.01	26.06 2.15 0.01	26.72 2.34 0.01	27.64 2.47 -0.01	29.10 2.53 0.01	30.63 2.96 -0.01	33.84 3.09 -2.64	35.00 3.54 -0.11	36.04 3.57 -0.62	41.24 4.11 -1.35	46.73 4.67 0.01	46.71 4.36 0.01	42.09 3.72 0.01	38.91 3.48 0.01	33.84 2.76 0.00	30.33 2.60 0.00	28.50 2.09 0.00
ASTORIA___3 23516	26.32 1.86 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.11 2.20 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.61 2.93 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.02 3.53 -0.63	41.24 4.08 -1.38	46.86 4.79 0.00	46.89 4.53 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.27 2.55 0.00	28.42 2.01 0.00
ASTORIA___4 23517	26.32 1.86 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.09 2.18 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.58 2.90 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.05 3.57 -0.63	41.21 4.04 -1.38	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.22 2.49 0.00	28.42 2.01 0.00
ASTORIA___5 23518	26.32 1.86 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.11 2.20 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.61 2.93 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.02 3.53 -0.63	41.24 4.08 -1.38	46.86 4.79 0.00	46.89 4.53 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.27 2.55 0.00	28.42 2.01 0.00
AST_ENERGY_2_CC3 323677	26.17 1.71 0.00	24.01 1.45 0.00	22.40 1.43 0.00	21.00 1.37 0.00	21.44 1.40 0.00	22.24 1.40 0.00	24.90 1.61 0.00	25.55 1.85 0.00	26.02 2.11 0.00	26.63 2.24 0.00	27.52 2.34 -0.02	29.00 2.42 0.00	30.50 2.82 -0.02	33.65 2.98 -2.57	34.78 3.32 -0.11	35.87 3.41 -0.61	41.13 4.01 -1.34	46.74 4.67 0.00	46.81 4.45 0.00	42.21 3.84 0.00	38.91 3.48 0.00	33.84 2.76 0.00	30.11 2.38 0.00	28.26 1.85 0.00
AST_ENERGY_2_CC4 323678	26.17 1.71 0.00	24.01 1.45 0.00	22.40 1.43 0.00	21.00 1.37 0.00	21.44 1.40 0.00	22.24 1.40 0.00	24.90 1.61 0.00	25.55 1.85 0.00	26.02 2.11 0.00	26.63 2.24 0.00	27.52 2.34 -0.02	29.00 2.42 0.00	30.50 2.82 -0.02	33.65 2.98 -2.57	34.78 3.32 -0.11	35.87 3.41 -0.61	41.13 4.01 -1.34	46.74 4.67 0.00	46.81 4.45 0.00	42.21 3.84 0.00	38.91 3.48 0.00	33.84 2.76 0.00	30.11 2.38 0.00	28.26 1.85 0.00

ATHENS_STG_1 23668	25.39 0.93 0.00	23.40 0.84 0.00	21.79 0.82 0.00	20.43 0.81 0.00	20.86 0.82 0.00	21.68 0.83 0.00	24.20 0.91 0.00	24.67 0.97 0.00	24.92 1.00 0.00	25.44 1.05 0.00	26.20 1.03 0.00	27.62 1.04 0.00	28.99 1.33 0.00	29.48 1.38 0.00	32.88 1.54 0.00	33.44 1.59 0.00	37.71 1.93 0.00	44.38 2.31 0.00	44.60 2.24 0.00	40.33 1.96 0.00	37.17 1.74 0.00	32.47 1.40 0.00	28.91 1.19 0.00	27.34 0.92 0.00
ATHENS_STG_2 23670	25.39 0.93 0.00	23.40 0.84 0.00	21.79 0.82 0.00	20.43 0.81 0.00	20.86 0.82 0.00	21.68 0.83 0.00	24.20 0.91 0.00	24.67 0.97 0.00	24.92 1.00 0.00	25.44 1.05 0.00	26.20 1.03 0.00	27.62 1.04 0.00	28.99 1.33 0.00	29.48 1.38 0.00	32.88 1.54 0.00	33.44 1.59 0.00	37.71 1.93 0.00	44.38 2.31 0.00	44.60 2.24 0.00	40.33 1.96 0.00	37.17 1.74 0.00	32.47 1.40 0.00	28.91 1.19 0.00	27.34 0.92 0.00
ATHENS_STG_3 23677	25.39 0.93 0.00	23.40 0.84 0.00	21.79 0.82 0.00	20.43 0.81 0.00	20.86 0.82 0.00	21.68 0.83 0.00	24.20 0.91 0.00	24.67 0.97 0.00	24.92 1.00 0.00	25.44 1.05 0.00	26.20 1.03 0.00	27.62 1.04 0.00	28.99 1.33 0.00	29.48 1.38 0.00	32.88 1.54 0.00	33.44 1.59 0.00	37.71 1.93 0.00	44.38 2.31 0.00	44.60 2.24 0.00	40.33 1.96 0.00	37.17 1.74 0.00	32.47 1.40 0.00	28.91 1.19 0.00	27.34 0.92 0.00
AUBURN___LFGE 323710	24.46 0.00 0.00	22.47 -0.09 0.00	20.82 -0.15 0.00	19.47 -0.16 0.00	19.90 -0.14 0.00	20.74 -0.10 0.00	23.13 -0.16 0.00	23.65 -0.05 0.00	23.92 0.00 0.00	24.44 0.05 0.00	25.50 0.13 -0.21	27.22 0.24 -0.39	28.38 0.28 -0.44	28.89 0.42 -0.36	32.60 0.56 -0.69	32.97 0.51 -0.61	37.35 0.68 -0.89	44.28 0.72 -1.50	45.01 0.80 -1.85	40.45 0.81 -1.27	37.25 0.82 -1.00	32.73 0.75 -0.91	28.71 0.58 -0.40	27.19 0.42 -0.36
BABYLON_RES_REC 323704	33.17 2.18 -6.53	27.70 1.92 -3.22	24.81 1.85 -1.99	23.31 1.77 -1.92	22.20 1.78 -0.38	24.02 1.83 -1.34	26.29 2.07 -0.93	29.06 2.28 -3.09	32.24 2.46 -5.86	32.48 2.58 -5.51	34.03 2.72 -6.15	39.25 2.55 -10.12	39.04 2.93 -8.44	39.98 3.12 -8.75	43.12 3.51 -8.27	42.08 3.66 -6.57	46.28 4.15 -6.35	54.28 4.92 -7.29	52.00 4.79 -4.85	42.40 4.03 0.00	39.23 3.79 0.00	37.53 3.17 -3.29	32.46 2.94 -1.80	31.72 2.40 -2.90
BABYLON__69_KV_BK2 356345	33.46 2.47 -6.53	27.95 2.17 -3.22	25.04 2.08 -1.99	23.53 1.98 -1.92	22.44 2.02 -0.38	24.25 2.06 -1.34	26.55 2.33 -0.93	29.37 2.58 -3.09	32.50 2.73 -5.86	32.75 2.85 -5.51	34.38 3.07 -6.15	39.84 3.14 -10.12	39.67 3.57 -8.44	40.71 3.85 -8.75	43.97 4.36 -8.27	42.91 4.49 -6.57	47.25 5.12 -6.36	55.38 6.02 -7.29	53.10 5.89 -4.86	43.48 5.10 0.00	40.12 4.68 0.00	38.28 3.92 -3.29	32.79 3.27 -1.80	32.09 2.77 -2.90
BALL_HILL_WT_PWR 323825	23.33 -1.12 0.00	21.17 -1.40 0.00	19.59 -1.38 0.00	18.31 -1.31 0.00	18.72 -1.32 0.00	19.51 -1.33 0.00	21.52 -1.77 0.00	22.07 -1.64 0.00	22.60 -1.32 0.00	23.05 -1.34 0.00	24.28 -0.88 0.00	25.95 -0.64 0.00	26.95 -0.72 0.00	27.83 -0.28 0.00	31.13 -0.22 0.00	31.63 -0.22 0.00	35.21 -0.57 0.00	40.52 -1.56 0.00	41.43 -0.93 0.00	37.69 -0.69 0.00	35.26 -0.18 0.00	30.89 -0.19 0.00	27.69 -0.03 0.00	26.60 0.19 0.00
BARON_WINDS___WT_PWR 323822	23.75 -0.71 0.00	21.64 -0.93 0.00	20.03 -0.94 0.00	18.68 -0.94 0.00	19.10 -0.94 0.00	19.91 -0.94 0.00	22.08 -1.21 0.00	22.63 -1.07 0.00	23.03 -0.88 0.00	23.54 -0.85 0.00	24.59 -0.63 -0.05	26.24 -0.45 -0.11	27.30 -0.47 -0.11	28.03 -0.17 -0.09	31.39 -0.12 -0.17	31.84 -0.16 -0.15	35.75 -0.25 -0.22	41.64 -0.80 -0.37	42.48 -0.34 -0.46	38.54 -0.15 -0.31	35.86 0.18 -0.25	31.49 0.19 -0.23	28.04 0.22 -0.10	26.74 0.24 -0.09
BARRETT_IC_1 23704	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_10 23701	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_11 23702	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_12 23703	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_2 23705	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_3 23706	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_4 23707	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90

BARRETT_IC_5 23708	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_6 23709	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_7 23710	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.14 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.90 2.11 -3.09	32.02 2.25 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.23 2.53 -10.12	38.95 2.85 -8.44	39.70 2.84 -8.75	42.81 3.20 -8.27	41.73 3.31 -6.57	45.96 3.83 -6.35	53.90 4.54 -7.29	51.58 4.36 -4.85	42.10 3.72 0.00	38.91 3.47 0.00	37.22 2.86 -3.29	32.04 2.52 -1.80	31.43 2.11 -2.90
BARRETT_IC_8 23711	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT_IC_9 23700	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT___1 23545	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BARRETT___2 23546	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.13 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.06 1.84 -0.93	28.85 2.06 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.80 2.49 -6.15	39.20 2.50 -10.12	38.98 2.88 -8.44	39.69 2.84 -8.75	42.84 3.23 -8.26	41.70 3.28 -6.57	45.99 3.87 -6.35	53.89 4.55 -7.28	51.57 4.36 -4.85	42.10 3.72 0.00	38.91 3.48 0.00	37.22 2.86 -3.29	32.10 2.58 -1.80	31.43 2.11 -2.90
BATAVIA__115KV_TB1 55881	23.85 -0.61 0.00	21.69 -0.88 0.00	20.05 -0.92 0.00	18.73 -0.90 0.00	19.12 -0.92 0.00	19.99 -0.85 0.00	22.08 -1.21 0.00	22.73 -0.97 0.00	23.18 -0.74 0.00	23.68 -0.71 0.00	24.84 -0.33 0.00	26.48 -0.11 0.00	27.45 -0.22 0.00	28.25 0.14 0.00	31.79 0.44 0.00	32.04 0.19 0.00	35.86 0.07 0.00	41.61 -0.46 0.00	42.23 -0.13 0.00	38.34 -0.04 0.00	36.01 0.57 0.00	31.54 0.47 0.00	28.00 0.28 0.00	26.97 0.55 0.00
BAYONEEC___CTG1 323682	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BAYONEEC___CTG10 323750	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BAYONEEC___CTG2 323683	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BAYONEEC___CTG3 323684	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BAYONEEC___CTG4 323685	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BAYONEEC___CTG5 323686	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BAYONEEC___CTG6 323687	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00

BAYONEEC___CTG7 323688	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BAYONEEC___CTG8 323689	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BAYONEEC___CTG9 323749	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.60 2.42 -0.02	29.06 2.47 0.00	30.56 2.88 -0.02	33.68 3.01 -2.57	34.85 3.39 -0.11	35.93 3.47 -0.61	41.20 4.08 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.92 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.32 1.90 0.00
BEACON___LESR 323632	25.56 1.10 0.00	23.71 1.15 0.00	22.04 1.07 0.00	20.63 1.00 0.00	21.04 1.00 0.00	21.93 1.08 0.00	24.48 1.19 0.00	24.86 1.16 0.00	24.85 0.93 0.00	25.32 0.93 0.00	26.07 0.90 0.00	27.54 0.96 0.00	28.88 1.22 0.00	29.29 1.18 0.00	32.63 1.29 0.00	33.19 1.34 0.00	37.43 1.65 0.00	44.17 2.10 0.00	44.56 2.20 0.00	40.26 1.88 0.00	37.07 1.63 0.00	32.44 1.37 0.00	28.94 1.22 0.00	27.39 0.98 0.00
BEAVER RIVER___HYD 24048	24.02 -0.44 0.00	22.20 -0.36 0.00	20.61 -0.36 0.00	19.27 -0.35 0.00	19.70 -0.34 0.00	20.55 -0.29 0.00	22.96 -0.33 0.00	23.39 -0.31 0.00	23.46 -0.46 0.00	23.78 -0.61 0.00	24.58 -0.70 -0.12	25.49 -0.69 0.40	27.23 -0.69 -0.26	27.61 -0.70 -0.21	30.90 -0.84 -0.40	31.31 -0.89 -0.36	35.44 -0.86 -0.52	42.06 -0.89 -0.87	42.75 -0.68 -1.08	38.92 -0.19 -0.74	35.81 -0.21 -0.58	31.45 -0.15 -0.53	27.76 -0.19 -0.24	26.38 -0.24 -0.21
BEEBEE_GT_13 23619	23.87 -0.59 0.00	21.82 -0.74 0.00	20.17 -0.80 0.00	18.86 -0.77 0.00	19.26 -0.78 0.00	20.10 -0.75 0.00	22.29 -1.00 0.00	22.87 -0.83 0.00	23.27 -0.65 0.00	23.80 -0.59 0.00	24.84 -0.33 0.00	26.40 -0.19 0.00	27.42 -0.25 0.00	28.08 -0.03 0.00	31.54 0.19 0.00	31.98 0.13 0.00	35.82 0.04 0.00	41.78 -0.29 0.00	42.19 -0.17 0.00	38.26 -0.12 0.00	35.69 0.25 0.00	31.29 0.22 0.00	27.80 0.08 0.00	26.60 0.18 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.57 2.10 -0.01	24.35 1.78 0.00	22.69 1.72 0.00	21.30 1.67 -0.01	21.73 1.68 -0.01	22.43 1.58 0.00	25.11 1.82 0.00	25.83 2.13 0.00	26.31 2.39 0.00	35.88 2.59 -8.90	38.99 2.72 -11.11	29.46 2.82 -0.06	30.87 3.15 -0.06	35.30 3.32 -3.88	35.36 3.79 -0.22	67.50 3.89 -31.77	70.54 4.47 -30.28	66.96 5.22 -19.68	67.01 5.00 -19.65	42.71 4.30 -0.04	39.46 3.97 -0.06	34.30 3.17 -0.06	43.77 2.77 -13.27	28.73 2.30 -0.02
BETHLEHEM___GRP 23843	25.22 0.76 0.00	23.42 0.86 0.00	21.81 0.84 0.00	20.43 0.80 0.00	20.84 0.80 0.00	21.68 0.83 0.00	24.18 0.89 0.00	24.60 0.90 0.00	24.47 0.55 0.00	24.93 0.54 0.00	25.69 0.53 0.00	27.11 0.53 0.00	28.41 0.75 0.00	28.84 0.73 0.00	32.10 0.75 0.00	32.64 0.80 0.00	36.78 1.00 0.00	43.33 1.26 0.00	43.67 1.31 0.00	39.49 1.11 0.00	36.40 0.96 0.00	31.85 0.78 0.00	28.41 0.69 0.00	26.94 0.53 0.00
BETHLEHEM___GS1 323560	25.22 0.76 0.00	23.44 0.88 0.00	21.81 0.84 0.00	20.43 0.81 0.00	20.84 0.80 0.00	21.68 0.83 0.00	24.17 0.88 0.00	24.55 0.85 0.00	24.47 0.55 0.00	24.93 0.54 0.00	25.69 0.53 0.00	27.11 0.53 0.00	28.44 0.77 0.00	28.81 0.70 0.00	32.10 0.75 0.00	32.64 0.80 0.00	36.78 1.00 0.00	43.38 1.31 0.00	43.67 1.31 0.00	39.49 1.11 0.00	36.40 0.96 0.00	31.85 0.78 0.00	28.44 0.72 0.00	26.94 0.53 0.00
BETHLEHEM___GS2 323561	25.22 0.76 0.00	23.44 0.88 0.00	21.81 0.84 0.00	20.43 0.81 0.00	20.84 0.80 0.00	21.68 0.83 0.00	24.17 0.88 0.00	24.55 0.85 0.00	24.47 0.55 0.00	24.93 0.54 0.00	25.69 0.53 0.00	27.11 0.53 0.00	28.44 0.77 0.00	28.81 0.70 0.00	32.10 0.75 0.00	32.64 0.80 0.00	36.78 1.00 0.00	43.38 1.31 0.00	43.67 1.31 0.00	39.49 1.11 0.00	36.40 0.96 0.00	31.85 0.78 0.00	28.44 0.72 0.00	26.94 0.53 0.00
BETHLEHEM___GS3 323562	25.22 0.76 0.00	23.44 0.88 0.00	21.81 0.84 0.00	20.43 0.81 0.00	20.84 0.80 0.00	21.68 0.83 0.00	24.17 0.88 0.00	24.55 0.85 0.00	24.47 0.55 0.00	24.93 0.54 0.00	25.69 0.53 0.00	27.11 0.53 0.00	28.44 0.77 0.00	28.81 0.70 0.00	32.10 0.75 0.00	32.64 0.80 0.00	36.78 1.00 0.00	43.38 1.31 0.00	43.67 1.31 0.00	39.49 1.11 0.00	36.40 0.96 0.00	31.85 0.78 0.00	28.44 0.72 0.00	26.94 0.53 0.00
BETHLEHEM___STEEL 23779	23.29 -1.17 0.00	21.17 -1.40 0.00	19.57 -1.41 0.00	18.29 -1.33 0.00	18.70 -1.34 0.00	19.51 -1.33 0.00	21.50 -1.79 0.00	22.02 -1.68 0.00	22.58 -1.34 0.00	23.00 -1.39 0.00	24.23 -0.93 0.00	25.81 -0.77 0.00	26.78 -0.89 0.00	27.63 -0.48 0.00	31.10 -0.25 0.00	31.44 -0.41 0.00	35.10 -0.68 0.00	40.47 -1.60 0.00	41.17 -1.19 0.00	37.46 -0.92 0.00	35.09 -0.35 0.00	30.70 -0.37 0.00	27.36 -0.36 0.00	26.49 0.08 0.00
BETHLHEM_115KV_TB1 79974	25.22 0.76 0.00	23.42 0.86 0.00	21.79 0.82 0.00	20.41 0.79 0.00	20.82 0.78 0.00	21.66 0.81 0.00	24.18 0.89 0.00	24.58 0.88 0.00	24.51 0.60 0.00	24.97 0.59 0.00	25.74 0.58 0.00	27.17 0.58 0.00	28.47 0.80 0.00	28.89 0.79 0.00	32.19 0.85 0.00	32.74 0.89 0.00	36.85 1.07 0.00	43.46 1.39 0.00	43.76 1.40 0.00	39.60 1.23 0.00	36.47 1.03 0.00	31.91 0.84 0.00	28.47 0.75 0.00	27.00 0.58 0.00
BETHPAGE_CC_5 323564	33.07 2.08 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.23 1.69 -1.92	22.12 1.70 -0.38	23.93 1.75 -1.34	26.20 1.98 -0.93	28.97 2.18 -3.09	32.17 2.39 -5.86	32.39 2.49 -5.51	33.93 2.62 -6.15	39.36 2.66 -10.12	39.20 3.10 -8.44	40.12 3.26 -8.75	43.25 3.63 -8.27	42.14 3.72 -6.57	46.46 4.33 -6.35	54.45 5.09 -7.29	52.12 4.91 -4.85	42.56 4.18 0.00	39.34 3.90 0.00	37.59 3.23 -3.29	32.32 2.80 -1.80	31.61 2.30 -2.90
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.33 -1.13 0.00	21.19 -1.38 0.00	19.61 -1.36 0.00	18.31 -1.31 0.00	18.72 -1.32 0.00	19.56 -1.29 0.00	21.52 -1.77 0.00	22.07 -1.64 0.00	22.60 -1.32 0.00	23.05 -1.34 0.00	24.29 -0.88 0.00	25.89 -0.69 0.00	26.86 -0.80 0.00	27.74 -0.37 0.00	31.22 -0.13 0.00	31.53 -0.32 0.00	35.25 -0.54 0.00	40.64 -1.43 0.00	41.34 -1.02 0.00	37.57 -0.81 0.00	35.19 -0.25 0.00	30.80 -0.28 0.00	27.45 -0.28 0.00	26.55 0.13 0.00

BINGHAMTON___COGEN 23790	24.53 0.07 0.00	22.50 -0.07 0.00	20.89 -0.08 0.00	19.53 -0.10 0.00	19.96 -0.08 0.00	20.78 -0.06 0.00	23.17 -0.12 0.00	23.68 -0.02 0.00	23.96 0.05 0.00	24.46 0.07 0.00	25.43 0.18 -0.09	27.04 0.27 -0.19	28.19 0.33 -0.20	28.77 0.51 -0.16	32.29 0.63 -0.31	32.73 0.61 -0.28	36.93 0.75 -0.40	43.46 0.72 -0.68	44.00 0.80 -0.83	39.75 0.81 -0.57	36.74 0.85 -0.45	32.20 0.71 -0.41	28.46 0.55 -0.18	27.08 0.50 -0.16
BIXINCNT_115KV_LOAD 355685	23.19 -1.27 0.00	20.96 -1.60 0.00	19.38 -1.59 0.00	18.08 -1.55 0.00	18.44 -1.60 0.00	19.30 -1.54 0.00	21.29 -2.00 0.00	21.81 -1.90 0.00	22.34 -1.58 0.00	22.88 -1.51 0.00	24.08 -1.08 0.00	25.71 -0.88 0.00	26.67 -1.00 0.00	27.57 -0.53 0.00	30.94 -0.41 0.00	31.28 -0.57 0.00	34.92 -0.86 0.00	40.30 -1.77 0.00	41.05 -1.31 0.00	37.34 -1.04 0.00	35.05 -0.39 0.00	30.67 -0.40 0.00	27.25 -0.47 0.00	26.34 -0.08 0.00
BLACK RIVER___HYD 24047	23.92 -0.54 0.00	22.07 -0.50 0.00	20.49 -0.48 0.00	19.14 -0.49 0.00	19.58 -0.46 0.00	20.47 -0.37 0.00	22.82 -0.47 0.00	23.27 -0.43 0.00	23.37 -0.55 0.00	23.68 -0.71 0.00	24.67 -0.70 -0.21	25.89 -0.66 0.03	27.46 -0.64 -0.43	27.82 -0.65 -0.36	31.25 -0.78 -0.68	31.59 -0.86 -0.60	35.84 -0.82 -0.88	42.75 -0.80 -1.48	43.68 -0.51 -1.82	39.78 0.15 -1.25	36.50 0.07 -0.99	32.10 0.12 -0.90	28.15 0.03 -0.40	26.66 -0.11 -0.35
BLACKRVR_115KV_TB2 79977	23.92 -0.54 0.00	22.07 -0.50 0.00	20.49 -0.48 0.00	19.14 -0.49 0.00	19.58 -0.46 0.00	20.47 -0.38 0.00	22.82 -0.47 0.00	23.23 -0.47 0.00	23.37 -0.55 0.00	23.68 -0.71 0.00	24.67 -0.70 -0.21	25.89 -0.66 0.03	27.46 -0.64 -0.43	27.81 -0.65 -0.36	31.25 -0.78 -0.68	31.59 -0.86 -0.60	35.84 -0.82 -0.88	42.79 -0.76 -1.48	43.72 -0.47 -1.82	39.78 0.15 -1.25	36.50 0.07 -0.99	32.07 0.09 -0.90	28.15 0.03 -0.40	26.66 -0.11 -0.35
BLISS_WT_PWR 323608	23.07 -1.39 0.00	20.85 -1.72 0.00	19.25 -1.72 0.00	17.96 -1.67 0.00	18.32 -1.72 0.00	19.16 -1.69 0.00	21.13 -2.17 0.00	21.66 -2.04 0.00	22.19 -1.72 0.00	22.76 -1.63 0.00	23.96 -1.21 0.00	25.63 -0.96 0.00	26.64 -1.02 0.00	27.54 -0.56 0.00	30.75 -0.60 0.00	31.21 -0.64 0.00	34.67 -1.11 0.00	39.88 -2.19 0.00	40.79 -1.57 0.00	37.15 -1.23 0.00	34.87 -0.57 0.00	30.55 -0.53 0.00	27.28 -0.44 0.00	26.20 -0.21 0.00
BLUESTONE___WT_PWR 323821	25.68 1.22 0.00	23.53 0.97 0.00	21.83 0.86 0.00	20.37 0.75 0.00	20.82 0.78 0.00	21.76 0.92 0.00	24.22 0.93 0.00	24.84 1.14 0.00	25.13 1.22 0.00	25.56 1.17 0.00	26.43 1.18 -0.08	28.10 1.35 -0.16	29.38 1.55 -0.17	29.96 1.71 -0.14	33.50 1.88 -0.27	34.03 1.94 -0.24	38.56 2.43 -0.34	45.51 2.86 -0.58	46.12 3.05 -0.71	41.97 3.11 -0.49	38.66 2.84 -0.38	33.88 2.45 -0.35	30.01 2.13 -0.16	28.37 1.82 -0.14
BLUE_CIRC_CHEM_DRP 24182	25.34 0.88 0.00	23.49 0.93 0.00	21.83 0.86 0.00	20.45 0.82 0.00	20.86 0.82 0.00	21.70 0.85 0.00	24.20 0.91 0.00	24.58 0.88 0.00	24.58 0.67 0.00	25.02 0.63 0.00	25.74 0.58 0.00	27.14 0.56 0.00	28.41 0.75 0.00	28.84 0.73 0.00	32.13 0.78 0.00	32.71 0.86 0.00	36.89 1.11 0.00	43.54 1.47 0.00	44.01 1.65 0.00	39.87 1.50 0.00	36.75 1.31 0.00	32.19 1.12 0.00	28.69 0.97 0.00	27.23 0.82 0.00
BOC_GAS_DRP 24189	25.19 0.73 0.00	23.29 0.72 0.00	21.66 0.69 0.00	20.29 0.67 0.00	20.72 0.68 0.00	21.55 0.71 0.00	24.04 0.75 0.00	24.48 0.78 0.00	24.58 0.67 0.00	25.07 0.68 0.00	25.84 0.68 0.00	27.27 0.69 0.00	28.55 0.89 0.00	29.00 0.90 0.00	32.35 1.00 0.00	32.90 1.05 0.00	37.03 1.25 0.00	43.63 1.56 0.00	43.93 1.57 0.00	39.76 1.38 0.00	36.64 1.20 0.00	32.07 0.99 0.00	28.55 0.83 0.00	27.07 0.66 0.00
BOONVILLE_115KV_TB1 79983	24.80 0.34 0.00	22.86 0.29 0.00	21.24 0.27 0.00	19.84 0.22 0.00	20.28 0.24 0.00	21.16 0.31 0.00	23.59 0.30 0.00	24.08 0.38 0.00	24.30 0.38 0.00	24.71 0.32 0.00	25.50 0.28 -0.06	26.80 0.35 0.13	28.23 0.44 -0.12	28.68 0.48 -0.10	32.04 0.50 -0.19	32.53 0.51 -0.17	36.74 0.72 -0.25	43.45 0.97 -0.42	43.93 1.06 -0.51	39.92 1.19 -0.35	36.78 1.06 -0.28	32.26 0.93 -0.25	28.61 0.78 -0.11	27.15 0.63 -0.10
BORALEX_4TH_BRANCH 23824	25.71 1.25 0.00	23.76 1.20 0.00	22.13 1.15 0.00	20.75 1.12 0.00	21.16 1.12 0.00	22.03 1.19 0.00	24.57 1.28 0.00	24.93 1.23 0.00	25.04 1.12 0.00	25.51 1.12 0.00	26.27 1.11 0.00	27.73 1.14 0.00	29.10 1.44 0.00	29.57 1.46 0.00	32.92 1.57 0.00	33.50 1.66 0.00	37.75 1.97 0.00	44.51 2.44 0.00	44.90 2.54 0.00	40.64 2.26 0.00	37.42 1.98 0.00	32.75 1.68 0.00	29.08 1.36 0.00	27.63 1.22 0.00
BOWLINE___1 23526	25.90 1.44 0.00	23.80 1.24 0.00	22.19 1.22 0.00	20.80 1.18 0.00	21.22 1.18 0.00	22.05 1.21 0.00	24.64 1.35 0.00	25.22 1.52 0.00	25.61 1.70 0.00	26.19 1.80 0.00	27.05 1.89 0.00	28.50 1.92 0.00	29.96 2.29 0.00	30.52 2.42 0.00	34.07 2.73 0.00	34.65 2.80 0.00	39.11 3.33 0.00	46.02 3.95 0.00	46.13 3.77 0.00	41.60 3.22 0.00	38.35 2.91 0.00	33.41 2.33 0.00	29.72 2.00 0.00	27.97 1.56 0.00
BOWLINE___2 23595	25.90 1.44 0.00	23.80 1.24 0.00	22.19 1.22 0.00	20.80 1.18 0.00	21.22 1.18 0.00	22.05 1.21 0.00	24.66 1.37 0.00	25.22 1.52 0.00	25.61 1.70 0.00	26.19 1.80 0.00	27.05 1.89 0.00	28.50 1.92 0.00	29.96 2.29 0.00	30.52 2.42 0.00	34.07 2.73 0.00	34.65 2.80 0.00	39.11 3.33 0.00	46.02 3.95 0.00	46.13 3.77 0.00	41.60 3.22 0.00	38.35 2.91 0.00	33.41 2.33 0.00	29.72 2.00 0.00	27.97 1.56 0.00
BRADY___115KV_TB2 356060	23.97 -0.49 0.00	22.45 -0.11 0.00	20.87 -0.10 0.00	19.51 -0.12 0.00	19.94 -0.10 0.00	20.72 -0.13 0.00	23.20 -0.09 0.00	23.30 -0.40 0.00	23.44 -0.48 0.00	23.68 -0.71 0.00	24.31 -0.86 0.00	23.37 -0.96 2.25	26.45 -1.22 0.00	26.76 -1.35 0.00	29.75 -1.60 0.00	30.19 -1.66 0.00	33.85 -1.93 0.00	39.92 -2.15 0.00	40.20 -2.16 0.00	36.65 -1.73 0.00	33.92 -1.52 0.00	29.74 -1.34 0.00	26.64 -1.08 0.00	25.62 -0.79 0.00
BRANSCOMB___SOLAR 323811	25.68 1.22 0.00	23.74 1.17 0.00	22.00 1.03 0.00	20.59 0.96 0.00	21.04 1.00 0.00	21.91 1.06 0.00	24.45 1.16 0.00	24.79 1.09 0.00	25.04 1.12 0.00	25.49 1.10 0.00	26.20 1.03 0.00	27.62 1.04 0.00	28.96 1.30 0.00	29.37 1.27 0.00	32.79 1.44 0.00	33.35 1.50 0.00	37.57 1.79 0.00	44.38 2.31 0.00	45.03 2.67 0.00	40.76 2.38 0.00	37.64 2.20 0.00	32.97 1.90 0.00	29.30 1.58 0.00	27.79 1.37 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.31 2.32 -6.53	27.83 2.05 -3.22	24.93 1.97 -1.99	23.45 1.90 -1.92	22.36 1.94 -0.38	24.16 1.98 -1.34	26.46 2.24 -0.93	29.25 2.46 -3.09	32.36 2.58 -5.86	32.61 2.71 -5.51	34.16 2.84 -6.15	39.63 2.92 -10.12	39.48 3.38 -8.44	40.48 3.63 -8.75	43.75 4.14 -8.27	42.65 4.24 -6.57	46.93 4.79 -6.36	54.87 5.51 -7.29	52.64 5.42 -4.86	43.14 4.76 0.00	39.83 4.39 0.00	38.00 3.64 -3.29	32.57 3.05 -1.80	31.88 2.56 -2.90

BRISTLHL_115KV_TB1 79998	23.99 -0.46 0.00	22.07 -0.50 0.00	20.51 -0.46 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.39 -0.46 0.00	22.75 -0.54 0.00	23.18 -0.52 0.00	23.39 -0.53 0.00	23.88 -0.51 0.00	25.14 -0.48 -0.45	27.02 -0.43 -0.87	28.20 -0.41 -0.95	28.58 -0.31 -0.78	32.53 -0.31 -1.50	32.83 -0.35 -1.33	37.39 -0.32 -1.93	44.86 -0.46 -3.25	45.94 -0.42 -4.01	40.82 -0.31 -2.75	37.36 -0.25 -2.17	32.87 -0.19 -1.98	28.38 -0.22 -0.88	26.87 -0.32 -0.77
BROOKHAVEN___DRP 24191	33.22 2.23 -6.53	27.70 1.92 -3.22	24.83 1.87 -1.99	23.35 1.81 -1.92	22.24 1.82 -0.38	24.06 1.88 -1.34	26.32 2.10 -0.93	29.13 2.35 -3.09	32.24 2.46 -5.86	32.48 2.59 -5.51	34.11 2.79 -6.15	39.55 2.84 -10.12	39.40 3.29 -8.44	40.43 3.57 -8.75	43.73 4.11 -8.28	42.63 4.20 -6.58	47.01 4.87 -6.36	55.13 5.76 -7.30	52.90 5.68 -4.86	43.22 4.84 -0.01	39.80 4.36 0.00	37.97 3.60 -3.29	32.46 2.94 -1.80	31.77 2.46 -2.90
BROOKLYN_NAVY_YARD 23515	26.22 1.76 0.00	24.03 1.47 0.00	22.40 1.43 0.00	21.02 1.39 0.00	21.44 1.40 0.00	22.26 1.42 0.00	24.92 1.63 0.00	25.60 1.90 0.00	26.09 2.18 0.00	26.71 2.32 0.00	27.60 2.42 -0.02	29.08 2.50 0.00	30.58 2.90 -0.02	33.74 3.06 -2.57	34.88 3.42 -0.11	35.96 3.50 -0.61	41.27 4.15 -1.34	46.86 4.79 0.00	46.93 4.58 0.00	42.33 3.95 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.19 2.47 0.00	28.32 1.90 0.00
BROOKLYN___ARMY_DRP 323595	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
BROOKVLE_69_KV_TB1 55790	33.19 2.20 -6.53	27.68 1.90 -3.22	24.79 1.82 -1.99	23.29 1.75 -1.92	22.20 1.78 -0.38	24.00 1.81 -1.34	26.27 2.05 -0.93	29.13 2.35 -3.09	32.29 2.51 -5.86	32.56 2.66 -5.51	34.18 2.87 -6.15	39.73 3.03 -10.12	39.53 3.43 -8.44	40.48 3.63 -8.75	43.56 3.95 -8.27	42.46 4.04 -6.57	46.82 4.69 -6.35	54.83 5.47 -7.29	52.51 5.29 -4.85	42.87 4.49 0.00	39.69 4.25 0.00	37.90 3.54 -3.29	32.43 2.91 -1.80	31.77 2.46 -2.90
BROOME_2_LFGE 323671	24.53 0.07 0.00	22.50 -0.07 0.00	20.89 -0.08 0.00	19.53 -0.10 0.00	19.96 -0.08 0.00	20.78 -0.06 0.00	23.15 -0.14 0.00	23.68 -0.02 0.00	23.96 0.05 0.00	24.46 0.07 0.00	25.44 0.18 -0.09	27.04 0.27 -0.19	28.22 0.36 -0.20	28.77 0.51 -0.16	32.29 0.63 -0.31	32.76 0.64 -0.28	36.89 0.72 -0.40	43.41 0.67 -0.67	43.99 0.80 -0.83	39.75 0.81 -0.57	36.74 0.85 -0.45	32.20 0.72 -0.41	28.54 0.64 -0.18	27.07 0.50 -0.16
BROOME___LFGE 323600	24.53 0.07 0.00	22.50 -0.07 0.00	20.89 -0.08 0.00	19.53 -0.10 0.00	19.96 -0.08 0.00	20.78 -0.06 0.00	23.15 -0.14 0.00	23.68 -0.02 0.00	23.96 0.05 0.00	24.46 0.07 0.00	25.44 0.18 -0.09	27.04 0.27 -0.19	28.22 0.36 -0.20	28.77 0.51 -0.16	32.29 0.63 -0.31	32.76 0.64 -0.28	36.89 0.72 -0.40	43.41 0.67 -0.67	43.99 0.80 -0.83	39.75 0.81 -0.57	36.74 0.85 -0.45	32.20 0.72 -0.41	28.54 0.64 -0.18	27.07 0.50 -0.16
BROWNFLS_115KV_TB_3_5 80003	23.68 -0.78 0.00	22.05 -0.52 0.00	20.47 -0.50 0.00	19.14 -0.49 0.00	19.56 -0.48 0.00	20.39 -0.46 0.00	22.78 -0.51 0.00	23.01 -0.69 0.00	23.13 -0.79 0.00	23.39 -1.00 0.00	24.09 -1.16 -0.08	24.34 -1.25 1.00	26.46 -1.38 -0.17	26.82 -1.43 -0.14	29.93 -1.69 -0.27	30.34 -1.75 -0.24	34.24 -1.90 -0.35	40.56 -2.10 -0.60	41.06 -2.03 -0.73	37.35 -1.54 -0.50	34.42 -1.42 -0.40	30.26 -1.18 -0.36	26.86 -1.03 -0.16	25.68 -0.87 -0.14
BROWNSV1_27_KV_LOAD 356125	26.44 1.98 0.00	24.21 1.65 0.00	22.59 1.61 0.00	21.18 1.55 0.00	21.62 1.58 0.00	22.43 1.58 0.00	25.13 1.84 0.00	25.86 2.16 0.00	26.28 2.37 0.00	26.90 2.51 0.00	27.82 2.64 -0.02	29.32 2.74 0.00	30.81 3.13 -0.02	33.99 3.32 -2.57	35.19 3.73 -0.11	36.28 3.82 -0.61	41.56 4.44 -1.34	47.29 5.22 0.00	47.36 5.00 0.00	42.71 4.34 0.00	39.37 3.93 0.00	34.24 3.17 0.00	30.38 2.66 0.00	28.58 2.17 0.00
BURROWS___LYONSDAL 23803	24.65 0.20 0.00	22.74 0.18 0.00	21.12 0.15 0.00	19.74 0.12 0.00	20.16 0.12 0.00	21.05 0.21 0.00	23.48 0.19 0.00	23.94 0.24 0.00	24.13 0.22 0.00	24.54 0.15 0.00	25.34 0.10 -0.07	26.54 0.13 0.18	28.03 0.22 -0.15	28.48 0.25 -0.12	31.83 0.25 -0.23	32.28 0.22 -0.21	36.51 0.43 -0.30	43.16 0.59 -0.51	43.70 0.72 -0.62	39.76 0.96 -0.43	36.59 0.82 -0.34	32.10 0.71 -0.31	28.44 0.58 -0.14	27.01 0.48 -0.12
CAITHNESS_CC_1 323624	33.19 2.20 -6.53	27.72 1.94 -3.22	24.83 1.87 -1.99	23.33 1.79 -1.92	22.24 1.82 -0.38	24.04 1.85 -1.34	26.32 2.10 -0.93	29.06 2.28 -3.09	32.24 2.46 -5.86	32.48 2.58 -5.51	34.06 2.74 -6.15	39.52 2.82 -10.12	39.37 3.26 -8.44	40.37 3.51 -8.75	43.67 4.05 -8.28	42.53 4.11 -6.58	46.94 4.80 -6.36	55.04 5.68 -7.30	52.77 5.55 -4.86	43.14 4.76 -0.01	39.73 4.29 0.00	37.87 3.51 -3.29	32.49 2.97 -1.80	31.74 2.43 -2.90
CALPINE BETH_PAGE_GT4 24209	33.07 2.08 -6.53	27.61 1.83 -3.22	24.74 1.78 -1.99	23.25 1.71 -1.92	22.16 1.74 -0.38	23.95 1.77 -1.34	26.22 2.00 -0.93	29.06 2.28 -3.09	32.19 2.42 -5.86	32.41 2.51 -5.51	33.95 2.64 -6.15	39.44 2.74 -10.12	39.23 3.13 -8.44	40.18 3.32 -8.75	43.25 3.64 -8.27	42.14 3.73 -6.57	46.47 4.33 -6.35	54.45 5.09 -7.29	52.13 4.91 -4.85	42.56 4.18 0.00	39.41 3.97 0.00	37.65 3.29 -3.29	32.32 2.80 -1.80	31.66 2.35 -2.90
CALPINE_BETH_PAGE_GT_4 323586	33.07 2.08 -6.53	27.63 1.85 -3.22	24.74 1.78 -1.99	23.25 1.71 -1.92	22.16 1.74 -0.38	23.95 1.77 -1.34	26.22 2.00 -0.93	29.01 2.23 -3.09	32.22 2.44 -5.86	32.41 2.51 -5.51	33.95 2.64 -6.15	39.41 2.71 -10.12	39.26 3.15 -8.44	40.17 3.31 -8.75	43.25 3.63 -8.27	42.11 3.69 -6.57	46.46 4.33 -6.35	54.45 5.09 -7.29	52.12 4.91 -4.85	42.56 4.18 0.00	39.41 3.97 0.00	37.62 3.26 -3.29	32.38 2.86 -1.80	31.66 2.35 -2.90
CALPINE_BP_GT1 23823	33.07 2.08 -6.53	27.63 1.85 -3.22	24.74 1.78 -1.99	23.25 1.71 -1.92	22.16 1.74 -0.38	23.95 1.77 -1.34	26.22 2.00 -0.93	29.01 2.23 -3.09	32.22 2.44 -5.86	32.41 2.51 -5.51	33.95 2.64 -6.15	39.41 2.71 -10.12	39.26 3.15 -8.44	40.17 3.31 -8.75	43.25 3.63 -8.27	42.11 3.69 -6.57	46.46 4.33 -6.35	54.45 5.09 -7.29	52.12 4.91 -4.85	42.56 4.18 0.00	39.41 3.97 0.00	37.62 3.26 -3.29	32.38 2.86 -1.80	31.66 2.35 -2.90
CALSPAN___DRP 24200	23.29 -1.17 0.00	21.17 -1.40 0.00	19.57 -1.41 0.00	18.29 -1.33 0.00	18.70 -1.34 0.00	19.51 -1.33 0.00	21.50 -1.79 0.00	22.02 -1.68 0.00	22.58 -1.34 0.00	23.00 -1.39 0.00	24.23 -0.93 0.00	25.81 -0.77 0.00	26.78 -0.89 0.00	27.63 -0.48 0.00	31.10 -0.25 0.00	31.44 -0.41 0.00	35.10 -0.68 0.00	40.47 -1.60 0.00	41.17 -1.19 0.00	37.46 -0.92 0.00	35.09 -0.35 0.00	30.70 -0.37 0.00	27.36 -0.36 0.00	26.49 0.08 0.00

CALVERTON___SOLAR 323806	33.27 2.27 -6.53	27.77 1.99 -3.22	24.87 1.91 -1.99	23.37 1.83 -1.92	22.28 1.86 -0.38	24.08 1.90 -1.34	26.36 2.14 -0.93	29.11 2.32 -3.09	32.29 2.51 -5.86	32.53 2.63 -5.51	34.15 2.84 -6.15	39.63 2.92 -10.12	39.51 3.40 -8.44	40.54 3.68 -8.75	43.85 4.23 -8.28	42.72 4.30 -6.58	47.15 5.01 -6.36	55.34 5.97 -7.30	53.11 5.89 -4.86	43.37 4.99 -0.01	39.90 4.47 0.00	38.06 3.70 -3.29	32.57 3.05 -1.80	31.82 2.51 -2.90
CANDIGU_WT_PWR 323617	23.75 -0.71 0.00	21.64 -0.93 0.00	20.03 -0.94 0.00	18.68 -0.94 0.00	19.10 -0.94 0.00	19.91 -0.94 0.00	22.08 -1.21 0.00	22.63 -1.07 0.00	23.03 -0.88 0.00	23.54 -0.85 0.00	24.59 -0.63 -0.05	26.24 -0.45 -0.11	27.30 -0.47 -0.11	28.03 -0.17 -0.09	31.39 -0.12 -0.17	31.84 -0.16 -0.15	35.75 -0.25 -0.22	41.64 -0.80 -0.37	42.48 -0.34 -0.46	38.54 -0.15 -0.31	35.86 0.18 -0.25	31.49 0.19 -0.23	28.04 0.22 -0.10	26.74 0.24 -0.09
CARR STREET_E_SYR 24060	24.21 -0.24 0.00	22.25 -0.32 0.00	20.68 -0.29 0.00	19.31 -0.31 0.00	19.74 -0.30 0.00	20.55 -0.29 0.00	22.94 -0.35 0.00	23.37 -0.33 0.00	23.63 -0.29 0.00	24.17 -0.22 0.00	25.13 -0.17 -0.14	26.71 -0.11 -0.23	27.89 -0.06 -0.29	28.40 0.06 -0.24	31.89 0.09 -0.45	32.34 0.10 -0.40	36.40 0.04 -0.58	42.92 -0.13 -0.98	43.52 -0.04 -1.20	39.20 0.00 -0.83	36.16 0.07 -0.65	31.83 0.16 -0.60	28.10 0.11 -0.26	26.62 -0.03 -0.23
CARTHAGE___PAPER 23857	23.92 -0.54 0.00	22.11 -0.45 0.00	20.53 -0.44 0.00	19.19 -0.43 0.00	19.62 -0.42 0.00	20.49 -0.35 0.00	22.87 -0.42 0.00	23.32 -0.38 0.00	23.37 -0.55 0.00	23.68 -0.71 0.00	24.56 -0.78 -0.17	25.64 -0.77 0.17	27.28 -0.75 -0.36	27.62 -0.79 -0.30	30.98 -0.94 -0.57	31.37 -0.99 -0.51	35.56 -0.96 -0.74	42.39 -0.93 -1.24	43.17 -0.72 -1.53	39.31 -0.11 -1.05	36.13 -0.14 -0.83	31.74 -0.09 -0.76	27.92 -0.14 -0.34	26.47 -0.24 -0.30
CASSADAGA_WT_PWR 323784	23.14 -1.32 0.00	20.90 -1.67 0.00	19.27 -1.70 0.00	18.04 -1.59 0.00	18.44 -1.60 0.00	19.24 -1.60 0.00	21.24 -2.05 0.00	21.80 -1.90 0.00	22.36 -1.55 0.00	22.85 -1.54 0.00	24.16 -1.01 0.00	25.79 -0.80 0.00	26.81 -0.86 0.00	27.77 -0.34 0.00	31.04 -0.31 0.00	31.59 -0.26 0.00	35.21 -0.57 0.00	40.60 -1.47 0.00	41.73 -0.63 0.00	37.92 -0.46 0.00	35.58 0.14 0.00	31.30 0.22 0.00	28.08 0.36 0.00	26.97 0.56 0.00
CE_DUNWOOD___DRP 24194	26.07 1.61 0.00	23.92 1.35 0.00	22.31 1.34 0.00	20.92 1.30 0.00	21.36 1.32 0.00	22.18 1.33 0.00	24.80 1.51 0.00	25.45 1.75 0.00	25.80 1.89 0.00	26.41 2.02 0.00	27.28 2.11 0.00	28.76 2.18 0.00	30.21 2.55 0.00	30.80 2.70 0.00	34.36 3.01 0.00	34.97 3.12 0.00	39.40 3.61 0.00	46.36 4.29 0.00	46.47 4.11 0.00	41.91 3.53 0.00	38.63 3.19 0.00	33.65 2.58 0.00	29.88 2.16 0.00	28.16 1.74 0.00
CE_MILLWOOD___DRP 24193	26.00 1.54 0.00	23.87 1.31 0.00	22.27 1.30 0.00	20.88 1.26 0.00	21.30 1.26 0.00	22.14 1.29 0.00	24.76 1.47 0.00	25.38 1.68 0.00	25.73 1.82 0.00	26.32 1.93 0.00	27.18 2.01 0.00	28.66 2.07 0.00	30.10 2.43 0.00	30.69 2.59 0.00	34.26 2.92 0.00	34.84 2.99 0.00	39.29 3.51 0.00	46.24 4.16 0.00	46.34 3.98 0.00	41.79 3.42 0.00	38.52 3.08 0.00	33.56 2.49 0.00	29.80 2.08 0.00	28.08 1.66 0.00
CE_NYC2_DRP 24202	26.32 1.86 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.12 2.20 0.00	28.04 2.39 -1.26	29.24 2.49 -1.58	29.13 2.55 0.00	30.61 2.93 -0.02	33.82 3.06 -2.65	34.97 3.51 -0.11	36.05 3.57 -0.63	41.28 4.11 -1.38	46.87 4.80 0.00	46.93 4.57 0.00	42.25 3.88 0.00	39.05 3.61 0.00	33.96 2.89 0.00	30.24 2.52 0.00	28.42 2.01 0.00
CE_NYC_DRP 24195	26.24 1.79 0.00	24.05 1.49 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.31 1.46 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.09 2.18 0.00	26.71 2.32 0.00	27.60 2.42 -0.02	29.08 2.50 0.00	30.58 2.90 -0.02	33.72 3.06 -2.55	34.87 3.42 -0.11	35.99 3.54 -0.61	41.19 4.08 -1.33	46.87 4.80 0.00	46.93 4.57 0.00	42.33 3.95 0.00	39.05 3.61 0.00	33.96 2.89 0.00	30.16 2.44 0.00	28.34 1.93 0.00
CHAFFEE___LFGE 323603	23.36 -1.10 0.00	21.19 -1.38 0.00	19.61 -1.36 0.00	18.33 -1.30 0.00	18.74 -1.30 0.00	19.53 -1.31 0.00	21.52 -1.77 0.00	22.09 -1.61 0.00	22.65 -1.27 0.00	23.10 -1.29 0.00	24.34 -0.83 0.00	26.02 -0.56 0.00	27.03 -0.64 0.00	27.94 -0.17 0.00	31.29 -0.06 0.00	31.79 -0.06 0.00	35.32 -0.47 0.00	40.56 -1.51 0.00	41.51 -0.85 0.00	37.76 -0.62 0.00	35.33 -0.11 0.00	30.92 -0.15 0.00	27.69 -0.03 0.00	26.60 0.19 0.00
CHATEAUG_35_KV_LOAD 355732	24.04 -0.42 0.00	22.27 -0.29 0.00	20.68 -0.29 0.00	19.31 -0.31 0.00	19.70 -0.34 0.00	20.43 -0.42 0.00	22.87 -0.42 0.00	23.13 -0.57 0.00	23.34 -0.57 0.00	23.71 -0.68 0.00	24.41 -0.75 0.00	25.57 -0.85 0.17	26.50 -1.16 0.00	26.81 -1.29 0.00	29.75 -1.60 0.00	30.16 -1.69 0.00	33.74 -2.04 0.00	39.80 -2.27 0.00	39.99 -2.37 0.00	36.27 -2.11 0.00	33.53 -1.91 0.00	29.30 -1.77 0.00	26.17 -1.55 0.00	25.12 -1.29 0.00
CHATEAUG_WT_PWR 323614	24.07 -0.39 0.00	22.29 -0.27 0.00	20.72 -0.25 0.00	19.35 -0.27 0.00	19.72 -0.32 0.00	20.45 -0.40 0.00	22.89 -0.40 0.00	23.25 -0.45 0.00	23.39 -0.53 0.00	23.76 -0.63 0.00	24.43 -0.73 0.00	25.79 -0.80 0.00	26.56 -1.11 0.00	26.87 -1.24 0.00	29.81 -1.54 0.00	30.19 -1.66 0.00	33.81 -1.97 0.00	39.88 -2.19 0.00	40.03 -2.33 0.00	36.30 -2.07 0.00	33.52 -1.91 0.00	29.30 -1.77 0.00	26.09 -1.64 0.00	25.12 -1.29 0.00
CHAT_HIGH_FALL_HYD 323578	24.04 -0.42 0.00	22.27 -0.29 0.00	20.68 -0.29 0.00	19.31 -0.31 0.00	19.70 -0.34 0.00	20.43 -0.42 0.00	22.87 -0.42 0.00	23.13 -0.57 0.00	23.34 -0.57 0.00	23.71 -0.68 0.00	24.41 -0.75 0.00	25.57 -0.85 0.17	26.50 -1.16 0.00	26.81 -1.29 0.00	29.75 -1.60 0.00	30.16 -1.69 0.00	33.74 -2.04 0.00	39.80 -2.27 0.00	39.99 -2.37 0.00	36.27 -2.11 0.00	33.53 -1.91 0.00	29.30 -1.77 0.00	26.17 -1.55 0.00	25.12 -1.29 0.00
CHAUTAUQUA___LFGE 323629	23.38 -1.08 0.00	21.19 -1.38 0.00	19.59 -1.38 0.00	18.31 -1.31 0.00	18.72 -1.32 0.00	19.53 -1.31 0.00	21.52 -1.77 0.00	22.11 -1.59 0.00	22.67 -1.24 0.00	23.12 -1.27 0.00	24.38 -0.78 0.00	26.05 -0.53 0.00	27.08 -0.58 0.00	27.97 -0.14 0.00	31.32 -0.03 0.00	31.82 -0.03 0.00	35.42 -0.36 0.00	40.77 -1.30 0.00	41.77 -0.59 0.00	37.99 -0.38 0.00	35.55 0.11 0.00	31.20 0.12 0.00	27.97 0.25 0.00	26.84 0.42 0.00
CHERRYST_13_KV_LD 356241	26.32 1.86 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.12 1.49 0.00	21.54 1.50 0.00	22.37 1.52 0.00	25.04 1.75 0.00	25.76 2.06 0.00	26.19 2.27 0.00	26.83 2.44 0.00	27.72 2.54 -0.02	29.21 2.63 0.00	30.72 3.04 -0.02	33.86 3.20 -2.55	35.06 3.61 -0.11	36.15 3.69 -0.61	41.37 4.26 -1.33	47.08 5.01 0.00	47.10 4.74 0.00	42.48 4.11 0.00	39.20 3.76 0.00	34.09 3.01 0.00	30.24 2.52 0.00	28.45 2.03 0.00

CHESTROR_138KV_BK263 355645	25.73 1.27 0.00	23.62 1.06 0.00	22.02 1.05 0.00	20.65 1.02 0.00	21.08 1.04 0.00	21.91 1.06 0.00	24.48 1.19 0.00	25.03 1.33 0.00	25.33 1.41 0.00	25.90 1.51 0.00	26.72 1.56 0.00	28.18 1.59 0.00	29.57 1.91 0.00	30.16 2.05 0.00	33.64 2.29 0.00	34.24 2.39 0.00	38.61 2.83 0.00	45.44 3.37 0.00	45.58 3.22 0.00	41.14 2.76 0.00	37.96 2.52 0.00	33.09 2.02 0.00	29.41 1.69 0.00	27.76 1.35 0.00
CH_MIDHUDSON___DRP 24192	26.02 1.57 0.00	23.90 1.33 0.00	22.29 1.32 0.00	20.90 1.28 0.00	21.34 1.30 0.00	22.18 1.33 0.00	24.78 1.49 0.00	25.29 1.59 0.00	25.61 1.70 0.00	26.17 1.78 0.00	27.03 1.86 0.00	28.44 1.86 0.00	29.90 2.24 0.00	30.47 2.36 0.00	34.04 2.70 0.00	34.62 2.77 0.00	38.89 3.11 0.00	45.81 3.74 0.00	46.00 3.64 0.00	41.48 3.11 0.00	38.24 2.80 0.00	33.34 2.27 0.00	29.63 1.91 0.00	27.97 1.56 0.00
CH_MISC_IPPS 23765	26.14 1.69 0.00	24.01 1.45 0.00	22.38 1.41 0.00	20.98 1.35 0.00	21.42 1.38 0.00	22.28 1.44 0.00	24.90 1.61 0.00	25.33 1.63 0.00	25.73 1.82 0.00	26.27 1.88 0.00	27.13 1.96 0.00	28.52 1.94 0.00	30.01 2.35 0.00	30.61 2.50 0.00	34.23 2.88 0.00	34.75 2.90 0.00	39.14 3.36 0.00	46.11 4.04 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.50 2.43 0.00	29.86 2.13 0.00	28.13 1.72 0.00
CH_RES_BVR_FALLS 23983	23.99 -0.47 0.00	22.16 -0.41 0.00	20.57 -0.40 0.00	19.25 -0.37 0.00	19.64 -0.40 0.00	20.41 -0.44 0.00	22.85 -0.44 0.00	23.23 -0.47 0.00	23.41 -0.50 0.00	23.85 -0.54 0.00	24.59 -0.58 0.00	26.03 -0.61 0.00	26.94 -0.72 0.00	27.35 -0.76 0.00	30.47 -0.88 0.00	30.96 -0.89 0.00	34.74 -1.04 0.00	40.89 -1.18 0.00	41.13 -1.23 0.00	37.26 -1.11 0.00	34.41 -1.03 0.00	30.20 -0.87 0.00	27.00 -0.72 0.00	25.83 -0.58 0.00
CH_RES_NIAGARA 23895	22.14 -2.30 0.02	20.13 -2.41 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.77 -2.24 0.02	18.55 -2.27 0.02	20.43 -2.84 0.02	20.93 -2.75 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.57 -1.99 0.02	25.46 -2.19 0.02	26.23 -1.85 0.02	29.54 -1.79 0.02	29.85 -1.97 0.02	33.29 -2.47 0.02	38.43 -3.62 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.16 -1.90 0.02	25.98 -1.72 0.02	25.41 -1.00 0.00
CH_RES_SYRACUSE 23985	24.36 -0.10 0.00	22.41 -0.16 0.00	20.80 -0.17 0.00	19.43 -0.20 0.00	19.86 -0.18 0.00	20.68 -0.17 0.00	23.08 -0.21 0.00	23.54 -0.16 0.00	23.75 -0.17 0.00	24.29 -0.10 0.00	25.36 -0.05 -0.25	27.08 0.03 -0.47	28.27 0.08 -0.53	28.74 0.20 -0.43	32.43 0.25 -0.83	32.81 0.22 -0.74	37.13 0.28 -1.07	44.08 0.21 -1.80	44.87 0.30 -2.22	40.20 0.31 -1.52	36.99 0.35 -1.20	32.51 0.34 -1.10	28.48 0.28 -0.49	26.98 0.13 -0.43
CLINTON_WT_PWR 323605	24.07 -0.39 0.00	22.29 -0.27 0.00	20.72 -0.25 0.00	19.35 -0.27 0.00	19.72 -0.32 0.00	20.45 -0.40 0.00	22.89 -0.40 0.00	23.25 -0.45 0.00	23.39 -0.53 0.00	23.76 -0.63 0.00	24.43 -0.73 0.00	25.79 -0.80 0.00	26.56 -1.11 0.00	26.87 -1.24 0.00	29.81 -1.54 0.00	30.19 -1.66 0.00	33.81 -1.97 0.00	39.88 -2.19 0.00	40.03 -2.33 0.00	36.30 -2.07 0.00	33.52 -1.91 0.00	29.30 -1.77 0.00	26.09 -1.64 0.00	25.12 -1.29 0.00
CLINTON___LFGE 323618	24.24 -0.22 0.00	22.45 -0.11 0.00	20.85 -0.13 0.00	19.47 -0.16 0.00	19.86 -0.18 0.00	20.60 -0.25 0.00	23.08 -0.21 0.00	23.44 -0.26 0.00	23.60 -0.31 0.00	23.93 -0.46 0.00	24.61 -0.55 0.00	25.93 -0.61 0.05	26.72 -0.94 0.00	27.07 -1.04 0.00	30.00 -1.35 0.00	30.42 -1.43 0.00	34.10 -1.68 0.00	40.22 -1.85 0.00	40.37 -1.99 0.00	36.65 -1.73 0.00	33.95 -1.49 0.00	29.55 -1.52 0.00	26.25 -1.47 0.00	25.28 -1.14 0.00
COBBLENY_34_KV_TB1 80064	23.36 -1.10 0.00	21.21 -1.35 0.00	19.61 -1.36 0.00	18.33 -1.30 0.00	18.74 -1.30 0.00	19.58 -1.27 0.00	21.54 -1.75 0.00	22.11 -1.59 0.00	22.65 -1.27 0.00	23.10 -1.29 0.00	24.34 -0.83 0.00	25.97 -0.61 0.00	26.95 -0.72 0.00	27.83 -0.28 0.00	31.32 -0.03 0.00	31.66 -0.19 0.00	35.39 -0.39 0.00	40.81 -1.26 0.00	41.51 -0.85 0.00	37.73 -0.65 0.00	35.33 -0.11 0.00	30.92 -0.16 0.00	27.53 -0.19 0.00	26.60 0.18 0.00
COFFEEN___115KV_TB3 355620	24.07 -0.39 0.00	22.20 -0.36 0.00	20.59 -0.38 0.00	19.23 -0.39 0.00	19.68 -0.36 0.00	20.57 -0.27 0.00	22.92 -0.37 0.00	23.34 -0.36 0.00	23.48 -0.43 0.00	23.80 -0.59 0.00	24.77 -0.60 -0.21	26.04 -0.53 0.01	27.61 -0.50 -0.44	27.94 -0.53 -0.37	31.42 -0.63 -0.70	31.77 -0.70 -0.62	36.08 -0.61 -0.90	43.09 -0.50 -1.52	44.06 -0.17 -1.87	40.20 0.54 -1.29	36.88 0.43 -1.01	32.41 0.40 -0.93	28.41 0.28 -0.41	26.88 0.11 -0.36
COLDSPRG_115KV_BK1 355956	23.63 -0.83 0.00	21.39 -1.17 0.00	19.78 -1.20 0.00	18.49 -1.14 0.00	18.92 -1.12 0.00	19.78 -1.06 0.00	21.85 -1.44 0.00	22.45 -1.26 0.00	22.96 -0.96 0.00	23.44 -0.95 0.00	24.74 -0.43 0.00	26.32 -0.27 0.00	27.33 -0.33 0.00	28.30 0.20 0.00	31.82 0.47 0.00	32.17 0.32 0.00	36.03 0.25 0.00	41.61 -0.46 0.00	42.40 0.04 0.00	38.49 0.12 0.00	36.04 0.60 0.00	31.64 0.56 0.00	28.17 0.44 0.00	27.21 0.79 0.00
COLONIE_LFGE___ 323577	25.49 1.03 0.00	23.58 1.02 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.94 0.90 0.00	21.81 0.96 0.00	24.31 1.02 0.00	24.67 0.97 0.00	24.85 0.93 0.00	25.32 0.93 0.00	26.07 0.90 0.00	27.51 0.93 0.00	28.88 1.22 0.00	29.31 1.21 0.00	32.66 1.32 0.00	33.22 1.37 0.00	37.43 1.65 0.00	44.17 2.10 0.00	44.56 2.20 0.00	40.33 1.96 0.00	37.14 1.70 0.00	32.54 1.46 0.00	28.94 1.22 0.00	27.44 1.03 0.00
COOPERNY_115KV_TB1 80082	25.34 0.88 0.00	23.31 0.74 0.00	21.71 0.73 0.00	20.33 0.71 0.00	20.76 0.72 0.00	21.58 0.73 0.00	24.11 0.82 0.00	24.65 0.95 0.00	24.94 1.03 0.00	25.49 1.10 0.00	26.30 1.13 0.00	27.75 1.17 0.00	29.08 1.41 0.00	29.62 1.52 0.00	33.04 1.69 0.00	33.60 1.75 0.00	37.89 2.11 0.00	44.55 2.48 0.00	44.77 2.41 0.00	40.49 2.11 0.00	37.32 1.88 0.00	32.60 1.52 0.00	29.00 1.28 0.00	27.42 1.00 0.00
COPENHAGEN_WT_PWR 323753	23.90 -0.56 0.00	22.05 -0.52 0.00	20.47 -0.50 0.00	19.14 -0.49 0.00	19.56 -0.48 0.00	20.45 -0.40 0.00	22.80 -0.49 0.00	23.25 -0.45 0.00	23.34 -0.57 0.00	23.68 -0.71 0.00	24.68 -0.70 -0.22	25.98 -0.64 -0.04	27.52 -0.61 -0.47	27.87 -0.62 -0.38	31.36 -0.72 -0.73	31.71 -0.79 -0.65	35.94 -0.79 -0.95	42.91 -0.76 -1.59	43.82 -0.51 -1.96	39.80 0.08 -1.35	36.54 0.04 -1.06	32.14 0.09 -0.97	28.18 0.03 -0.43	26.66 -0.13 -0.38
CORNELL_____ 23752	24.87 0.42 0.00	22.81 0.25 0.00	21.16 0.19 0.00	19.76 0.14 0.00	20.22 0.18 0.00	21.08 0.23 0.00	23.50 0.21 0.00	24.06 0.36 0.00	24.27 0.36 0.00	24.73 0.34 0.00	25.67 0.38 -0.13	27.33 0.48 -0.27	28.49 0.55 -0.27	29.06 0.73 -0.23	32.63 0.85 -0.43	33.09 0.86 -0.38	37.45 1.11 -0.56	44.31 1.30 -0.94	45.00 1.48 -1.16	40.67 1.50 -0.80	37.52 1.45 -0.63	32.92 1.27 -0.57	29.03 1.05 -0.25	27.51 0.87 -0.22

CORONA_69_KV_TB1 355595	33.12 2.13 -6.53	27.59 1.81 -3.22	24.72 1.76 -1.99	23.23 1.69 -1.92	22.12 1.70 -0.38	23.93 1.75 -1.34	26.18 1.96 -0.93	29.01 2.23 -3.09	32.17 2.39 -5.86	32.41 2.51 -5.51	34.00 2.69 -6.15	39.49 2.79 -10.12	39.29 3.18 -8.44	40.18 3.32 -8.75	43.34 3.73 -8.27	42.24 3.82 -6.57	46.61 4.47 -6.35	54.62 5.26 -7.29	52.34 5.13 -4.85	42.71 4.34 0.00	39.44 4.00 0.00	37.69 3.33 -3.29	32.29 2.77 -1.80	31.66 2.35 -2.90
CORTLAND_115KV_TB3 80093	24.78 0.32 0.00	22.74 0.18 0.00	21.12 0.15 0.00	19.72 0.10 0.00	20.16 0.12 0.00	21.03 0.19 0.00	23.45 0.16 0.00	23.98 0.28 0.00	24.20 0.29 0.00	24.68 0.29 0.00	25.62 0.33 -0.13	27.24 0.43 -0.23	28.46 0.53 -0.27	28.98 0.65 -0.22	32.53 0.75 -0.43	32.99 0.76 -0.38	37.30 0.97 -0.55	44.09 1.09 -0.93	44.73 1.23 -1.15	40.39 1.23 -0.79	37.26 1.20 -0.62	32.70 1.06 -0.57	28.83 0.86 -0.25	27.35 0.71 -0.22
COXSACKIE___GT 23611	26.19 1.74 0.00	24.28 1.71 0.00	22.55 1.57 0.00	21.12 1.49 0.00	21.56 1.52 0.00	22.51 1.67 0.00	25.13 1.84 0.00	25.15 1.45 0.00	25.04 1.12 0.00	25.37 0.98 0.00	26.04 0.88 0.00	27.38 0.80 0.00	28.77 1.11 0.00	29.23 1.13 0.00	32.66 1.32 0.00	33.15 1.31 0.00	37.57 1.79 0.00	44.64 2.57 0.00	45.32 2.96 0.00	41.02 2.65 0.00	37.85 2.41 0.00	33.13 2.05 0.00	29.66 1.94 0.00	28.08 1.67 0.00
CPV_VALLEY___CC1 323721	25.53 1.07 0.00	23.47 0.90 0.00	21.85 0.88 0.00	20.49 0.86 0.00	20.92 0.88 0.00	21.74 0.90 0.00	24.29 1.00 0.00	24.81 1.11 0.00	25.16 1.24 0.00	25.71 1.32 0.00	26.55 1.38 0.00	27.99 1.41 0.00	29.38 1.72 0.00	29.88 1.77 0.00	33.38 2.04 0.00	33.92 2.07 0.00	38.25 2.47 0.00	45.01 2.94 0.00	45.20 2.84 0.00	40.79 2.42 0.00	37.60 2.16 0.00	32.81 1.74 0.00	29.22 1.50 0.00	27.55 1.14 0.00
CPV_VALLEY___CC2 323722	25.53 1.07 0.00	23.47 0.90 0.00	21.85 0.88 0.00	20.49 0.86 0.00	20.92 0.88 0.00	21.74 0.90 0.00	24.29 1.00 0.00	24.81 1.11 0.00	25.16 1.24 0.00	25.71 1.32 0.00	26.55 1.38 0.00	27.99 1.41 0.00	29.38 1.72 0.00	29.88 1.77 0.00	33.38 2.04 0.00	33.92 2.07 0.00	38.25 2.47 0.00	45.01 2.94 0.00	45.20 2.84 0.00	40.79 2.42 0.00	37.60 2.16 0.00	32.81 1.74 0.00	29.22 1.50 0.00	27.55 1.14 0.00
CRESCENT___HYD 24018	25.49 1.03 0.00	23.58 1.02 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.94 0.90 0.00	21.81 0.96 0.00	24.31 1.02 0.00	24.67 0.97 0.00	24.85 0.93 0.00	25.32 0.93 0.00	26.07 0.90 0.00	27.51 0.93 0.00	28.88 1.22 0.00	29.31 1.21 0.00	32.66 1.32 0.00	33.22 1.37 0.00	37.43 1.65 0.00	44.17 2.10 0.00	44.56 2.20 0.00	40.33 1.96 0.00	37.14 1.70 0.00	32.54 1.46 0.00	28.94 1.22 0.00	27.44 1.03 0.00
CRICKET___VALLEY_CC1 323756	25.70 1.25 0.00	23.69 1.13 0.00	22.10 1.13 0.00	20.73 1.10 0.00	21.16 1.12 0.00	21.99 1.15 0.00	24.50 1.21 0.00	24.98 1.28 0.00	25.25 1.34 0.00	25.78 1.39 0.00	26.60 1.43 0.00	28.02 1.43 0.00	29.49 1.83 0.00	29.96 1.85 0.00	33.45 2.10 0.00	33.98 2.13 0.00	38.32 2.54 0.00	45.18 3.11 0.00	45.37 3.01 0.00	40.95 2.57 0.00	37.74 2.30 0.00	32.94 1.86 0.00	29.27 1.55 0.00	27.66 1.24 0.00
CRICKET___VALLEY_CC2 323757	25.70 1.25 0.00	23.69 1.13 0.00	22.10 1.13 0.00	20.73 1.10 0.00	21.16 1.12 0.00	21.99 1.15 0.00	24.50 1.21 0.00	24.98 1.28 0.00	25.25 1.34 0.00	25.78 1.39 0.00	26.60 1.43 0.00	28.02 1.43 0.00	29.49 1.83 0.00	29.96 1.85 0.00	33.45 2.10 0.00	33.98 2.13 0.00	38.32 2.54 0.00	45.18 3.11 0.00	45.37 3.01 0.00	40.95 2.57 0.00	37.74 2.30 0.00	32.94 1.86 0.00	29.27 1.55 0.00	27.66 1.24 0.00
CRICKET___VALLEY_CC3 323758	25.70 1.25 0.00	23.69 1.13 0.00	22.10 1.13 0.00	20.73 1.10 0.00	21.16 1.12 0.00	21.99 1.15 0.00	24.50 1.21 0.00	24.98 1.28 0.00	25.25 1.34 0.00	25.78 1.39 0.00	26.60 1.43 0.00	28.02 1.43 0.00	29.49 1.83 0.00	29.96 1.85 0.00	33.45 2.10 0.00	33.98 2.13 0.00	38.32 2.54 0.00	45.18 3.11 0.00	45.37 3.01 0.00	40.95 2.57 0.00	37.74 2.30 0.00	32.94 1.86 0.00	29.27 1.55 0.00	27.66 1.24 0.00
CRUCIBLE_METL_DRP 24180	24.36 -0.10 0.00	22.41 -0.16 0.00	20.80 -0.17 0.00	19.43 -0.20 0.00	19.86 -0.18 0.00	20.68 -0.17 0.00	23.08 -0.21 0.00	23.56 -0.14 0.00	23.77 -0.14 0.00	24.29 -0.10 0.00	25.36 -0.05 -0.25	27.08 0.03 -0.47	28.25 0.06 -0.53	28.71 0.17 -0.43	32.43 0.25 -0.83	32.81 0.22 -0.74	37.13 0.29 -1.07	44.12 0.25 -1.80	44.87 0.30 -2.22	40.21 0.31 -1.52	36.99 0.35 -1.20	32.51 0.34 -1.10	28.46 0.25 -0.48	26.97 0.13 -0.43
DAHOWA___HYDRO 323763	25.73 1.27 0.00	23.78 1.22 0.00	22.04 1.07 0.00	20.61 0.98 0.00	21.06 1.02 0.00	21.95 1.10 0.00	24.50 1.21 0.00	24.84 1.14 0.00	25.09 1.17 0.00	25.56 1.17 0.00	26.22 1.06 0.00	27.67 1.09 0.00	29.02 1.36 0.00	29.43 1.32 0.00	32.82 1.47 0.00	33.41 1.56 0.00	37.64 1.86 0.00	44.51 2.44 0.00	45.20 2.84 0.00	40.91 2.53 0.00	37.78 2.34 0.00	33.09 2.02 0.00	29.41 1.69 0.00	27.87 1.45 0.00
DANC___LFGE 323619	23.87 -0.59 0.00	21.98 -0.59 0.00	20.43 -0.55 0.00	19.08 -0.55 0.00	19.52 -0.52 0.00	20.37 -0.48 0.00	22.71 -0.58 0.00	23.13 -0.57 0.00	23.29 -0.62 0.00	23.68 -0.71 0.00	24.84 -0.60 -0.28	26.31 -0.56 -0.28	27.72 -0.53 -0.58	28.08 -0.51 -0.48	31.70 -0.56 -0.92	32.03 -0.64 -0.82	36.32 -0.64 -1.19	43.35 -0.72 -2.00	44.32 -0.51 -2.46	39.95 -0.11 -1.69	36.67 -0.11 -1.33	32.26 -0.03 -1.22	28.20 -0.06 -0.54	26.68 -0.21 -0.48
DANSKAMMER___1 23586	26.14 1.69 0.00	24.01 1.45 0.00	22.38 1.41 0.00	20.98 1.35 0.00	21.42 1.38 0.00	22.28 1.44 0.00	24.90 1.61 0.00	25.33 1.63 0.00	25.73 1.82 0.00	26.27 1.88 0.00	27.13 1.96 0.00	28.52 1.94 0.00	30.01 2.35 0.00	30.61 2.50 0.00	34.23 2.88 0.00	34.75 2.90 0.00	39.14 3.36 0.00	46.11 4.04 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.50 2.43 0.00	29.86 2.13 0.00	28.13 1.72 0.00
DANSKAMMER___2 23589	26.14 1.69 0.00	24.01 1.45 0.00	22.38 1.41 0.00	20.98 1.35 0.00	21.42 1.38 0.00	22.28 1.44 0.00	24.90 1.61 0.00	25.33 1.63 0.00	25.73 1.82 0.00	26.27 1.88 0.00	27.13 1.96 0.00	28.52 1.94 0.00	30.01 2.35 0.00	30.61 2.50 0.00	34.23 2.88 0.00	34.75 2.90 0.00	39.14 3.36 0.00	46.11 4.04 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.50 2.43 0.00	29.86 2.13 0.00	28.13 1.72 0.00
DANSKAMMER___3 23590	26.14 1.69 0.00	24.01 1.45 0.00	22.38 1.41 0.00	20.98 1.35 0.00	21.42 1.38 0.00	22.28 1.44 0.00	24.90 1.61 0.00	25.33 1.63 0.00	25.73 1.82 0.00	26.27 1.88 0.00	27.13 1.96 0.00	28.52 1.94 0.00	30.01 2.35 0.00	30.61 2.50 0.00	34.23 2.88 0.00	34.75 2.90 0.00	39.14 3.36 0.00	46.11 4.04 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.50 2.43 0.00	29.86 2.13 0.00	28.13 1.72 0.00

DANSKAMMER___4 23591	26.14 1.69 0.00	24.01 1.45 0.00	22.38 1.41 0.00	20.98 1.35 0.00	21.42 1.38 0.00	22.28 1.44 0.00	24.90 1.61 0.00	25.33 1.63 0.00	25.73 1.82 0.00	26.27 1.88 0.00	27.13 1.96 0.00	28.52 1.94 0.00	30.01 2.35 0.00	30.61 2.50 0.00	34.23 2.88 0.00	34.75 2.90 0.00	39.14 3.36 0.00	46.11 4.04 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.50 2.43 0.00	29.86 2.13 0.00	28.13 1.72 0.00
DANSKAMMER___DIESEL 23592	26.15 1.69 0.00	24.01 1.44 0.00	22.38 1.41 0.00	20.98 1.35 0.00	21.42 1.38 0.00	22.28 1.44 0.00	24.90 1.61 0.00	25.38 1.68 0.00	25.71 1.79 0.00	26.27 1.88 0.00	27.13 1.96 0.00	28.55 1.97 0.00	30.02 2.35 0.00	30.61 2.50 0.00	34.23 2.88 0.00	34.78 2.93 0.00	39.14 3.36 0.00	46.11 4.04 0.00	46.26 3.90 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.53 2.45 0.00	29.80 2.08 0.00	28.13 1.72 0.00
DARBY___SOLAR 323810	25.68 1.22 0.00	23.74 1.17 0.00	22.00 1.03 0.00	20.59 0.96 0.00	21.04 1.00 0.00	21.91 1.06 0.00	24.45 1.16 0.00	24.79 1.09 0.00	25.04 1.12 0.00	25.51 1.12 0.00	26.20 1.03 0.00	27.67 1.09 0.00	29.02 1.36 0.00	29.43 1.32 0.00	32.82 1.47 0.00	33.38 1.53 0.00	37.64 1.86 0.00	44.47 2.40 0.00	45.07 2.71 0.00	40.79 2.42 0.00	37.64 2.20 0.00	32.97 1.90 0.00	29.30 1.58 0.00	27.79 1.37 0.00
DASHVILLE___HYD 23610	26.37 1.91 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.12 1.49 0.00	21.56 1.52 0.00	22.43 1.58 0.00	25.08 1.79 0.00	25.53 1.82 0.00	25.90 1.98 0.00	26.46 2.07 0.00	27.35 2.19 0.00	28.74 2.15 0.00	30.24 2.57 0.00	30.92 2.81 0.00	34.61 3.26 0.00	35.19 3.34 0.00	38.89 3.11 0.00	45.77 3.70 0.00	45.92 3.56 0.00	41.41 3.03 0.00	38.17 2.73 0.00	33.28 2.21 0.00	29.61 1.89 0.00	27.95 1.53 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	33.75 2.76 -6.53	28.17 2.39 -3.22	25.27 2.31 -1.99	23.76 2.22 -1.92	22.66 2.24 -0.38	24.48 2.29 -1.34	26.78 2.56 -0.93	29.63 2.84 -3.09	32.81 3.04 -5.86	33.09 3.20 -5.51	34.94 3.62 -6.15	40.50 3.80 -10.12	40.34 4.23 -8.44	41.44 4.58 -8.75	44.89 5.27 -8.28	43.74 5.32 -6.58	48.34 6.19 -6.36	56.65 7.28 -7.30	54.38 7.16 -4.86	44.41 6.02 -0.01	40.75 5.32 0.00	38.77 4.41 -3.29	33.01 3.49 -1.80	32.22 2.91 -2.90
DELAWARE___LFGE 323621	25.24 0.78 0.00	23.22 0.65 0.00	21.58 0.61 0.00	20.20 0.57 0.00	20.62 0.58 0.00	21.49 0.65 0.00	23.97 0.68 0.00	24.51 0.81 0.00	24.78 0.86 0.00	25.27 0.88 0.00	26.11 0.91 -0.04	27.65 0.98 -0.09	28.91 1.16 -0.09	29.41 1.24 -0.07	32.90 1.41 -0.14	33.40 1.43 -0.12	37.68 1.72 -0.18	44.39 2.02 -0.30	44.81 2.08 -0.37	40.55 1.92 -0.26	37.38 1.74 -0.20	32.69 1.43 -0.18	28.99 1.19 -0.08	27.49 1.00 -0.07
DERFIELD_115KV_TB7 355931	24.60 0.15 0.00	22.70 0.14 0.00	21.10 0.13 0.00	19.74 0.12 0.00	20.16 0.12 0.00	20.97 0.13 0.00	23.41 0.12 0.00	23.84 0.14 0.00	24.06 0.14 0.00	24.54 0.15 0.00	25.31 0.15 0.00	26.71 0.16 0.04	27.91 0.25 0.00	28.36 0.25 0.00	31.63 0.28 0.00	32.13 0.29 0.00	36.17 0.39 0.00	42.53 0.46 0.00	42.82 0.47 0.00	38.80 0.42 0.00	35.79 0.35 0.00	31.39 0.31 0.00	27.97 0.25 0.00	26.60 0.18 0.00
DOGLEVILLE___HYD 23807	24.75 0.29 0.00	22.84 0.27 0.00	21.22 0.25 0.00	19.84 0.22 0.00	20.26 0.22 0.00	21.12 0.27 0.00	23.55 0.26 0.00	23.99 0.29 0.00	24.23 0.31 0.00	24.71 0.32 0.00	25.47 0.30 0.00	26.89 0.34 0.04	28.08 0.42 0.00	28.50 0.39 0.00	31.75 0.41 0.00	32.23 0.38 0.00	36.32 0.54 0.00	42.74 0.67 0.00	43.03 0.68 0.00	39.03 0.65 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.14 0.42 0.00	26.76 0.34 0.00
DUNKIRK___115KV_TB_200 55889	23.38 -1.08 0.00	21.23 -1.33 0.00	19.61 -1.36 0.00	18.35 -1.28 0.00	18.74 -1.30 0.00	19.58 -1.27 0.00	21.59 -1.70 0.00	22.16 -1.54 0.00	22.70 -1.22 0.00	23.15 -1.24 0.00	24.39 -0.78 0.00	26.00 -0.58 0.00	26.97 -0.69 0.00	27.88 -0.22 0.00	31.35 0.00 0.00	31.69 -0.16 0.00	35.50 -0.29 0.00	40.98 -1.09 0.00	41.72 -0.64 0.00	37.95 -0.42 0.00	35.55 0.11 0.00	31.14 0.06 0.00	27.75 0.03 0.00	26.81 0.40 0.00
DUNKIRK___1 23563	23.38 -1.08 0.00	21.23 -1.33 0.00	19.61 -1.36 0.00	18.35 -1.28 0.00	18.74 -1.30 0.00	19.58 -1.27 0.00	21.59 -1.70 0.00	22.16 -1.54 0.00	22.70 -1.22 0.00	23.15 -1.24 0.00	24.39 -0.78 0.00	26.00 -0.58 0.00	26.97 -0.69 0.00	27.88 -0.22 0.00	31.35 0.00 0.00	31.69 -0.16 0.00	35.50 -0.29 0.00	40.98 -1.09 0.00	41.72 -0.64 0.00	37.95 -0.42 0.00	35.55 0.11 0.00	31.14 0.06 0.00	27.75 0.03 0.00	26.81 0.40 0.00
DUNKIRK___2 23564	23.38 -1.08 0.00	21.23 -1.33 0.00	19.61 -1.36 0.00	18.35 -1.28 0.00	18.74 -1.30 0.00	19.58 -1.27 0.00	21.59 -1.70 0.00	22.16 -1.54 0.00	22.70 -1.22 0.00	23.15 -1.24 0.00	24.39 -0.78 0.00	26.00 -0.58 0.00	26.97 -0.69 0.00	27.88 -0.22 0.00	31.35 0.00 0.00	31.69 -0.16 0.00	35.50 -0.29 0.00	40.98 -1.09 0.00	41.72 -0.64 0.00	37.95 -0.42 0.00	35.55 0.11 0.00	31.14 0.06 0.00	27.75 0.03 0.00	26.81 0.40 0.00
DUNKIRK___3 23565	23.36 -1.10 0.00	21.21 -1.35 0.00	19.61 -1.36 0.00	18.33 -1.30 0.00	18.74 -1.30 0.00	19.58 -1.27 0.00	21.57 -1.72 0.00	22.14 -1.56 0.00	22.65 -1.27 0.00	23.12 -1.27 0.00	24.33 -0.83 0.00	25.92 -0.66 0.00	26.92 -0.75 0.00	27.77 -0.34 0.00	31.22 -0.13 0.00	31.59 -0.25 0.00	35.35 -0.43 0.00	40.81 -1.26 0.00	41.55 -0.80 0.00	37.76 -0.61 0.00	35.37 -0.07 0.00	30.98 -0.09 0.00	27.58 -0.14 0.00	26.65 0.24 0.00
DUNKIRK___4 23566	23.36 -1.10 0.00	21.21 -1.35 0.00	19.61 -1.36 0.00	18.33 -1.30 0.00	18.74 -1.30 0.00	19.58 -1.27 0.00	21.57 -1.72 0.00	22.14 -1.56 0.00	22.65 -1.27 0.00	23.12 -1.27 0.00	24.33 -0.83 0.00	25.92 -0.66 0.00	26.92 -0.75 0.00	27.77 -0.34 0.00	31.22 -0.13 0.00	31.59 -0.25 0.00	35.35 -0.43 0.00	40.81 -1.26 0.00	41.55 -0.80 0.00	37.76 -0.61 0.00	35.37 -0.07 0.00	30.98 -0.09 0.00	27.58 -0.14 0.00	26.65 0.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.12 1.66 0.00	23.96 1.40 0.00	22.36 1.38 0.00	20.96 1.33 0.00	21.40 1.36 0.00	22.22 1.38 0.00	24.87 1.58 0.00	25.55 1.85 0.00	25.90 1.98 0.00	26.49 2.10 0.00	27.38 2.21 0.00	28.84 2.26 0.00	30.32 2.66 0.00	30.89 2.78 0.00	34.48 3.13 0.00	35.10 3.25 0.00	39.54 3.76 0.00	46.53 4.46 0.00	46.64 4.28 0.00	42.06 3.68 0.00	38.77 3.33 0.00	33.78 2.70 0.00	29.97 2.25 0.00	28.21 1.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.95 1.49 0.00	23.81 1.24 0.00	22.21 1.24 0.00	20.82 1.20 0.00	21.24 1.20 0.00	22.10 1.25 0.00	24.69 1.40 0.00	25.22 1.52 0.00	25.54 1.63 0.00	26.10 1.71 0.00	26.95 1.79 0.00	28.39 1.81 0.00	29.82 2.16 0.00	30.41 2.30 0.00	33.98 2.63 0.00	34.56 2.71 0.00	38.86 3.08 0.00	45.73 3.66 0.00	45.92 3.56 0.00	41.45 3.07 0.00	38.20 2.76 0.00	33.28 2.21 0.00	29.61 1.89 0.00	27.92 1.51 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	26.37 1.91 0.00	24.19 1.62 0.00	22.59 1.61 0.00	21.19 1.55 -0.01	21.63 1.58 -0.01	22.33 1.48 0.00	24.90 1.61 0.00	25.57 1.87 0.00	26.00 2.08 0.00	26.65 2.27 0.01	27.56 2.39 -0.01	29.03 2.45 0.00	30.50 2.82 -0.02	33.71 2.95 -2.65	34.82 3.35 -0.11	35.92 3.44 -0.63	39.73 3.94 -0.02	46.70 4.63 0.00	46.72 4.36 0.00	42.10 3.72 0.00	38.88 3.44 0.00	33.84 2.77 0.00	30.24 2.52 0.00	28.45 2.03 0.00
E179THST_13_KV_LOAD 356214	26.49 2.03 0.00	24.30 1.74 0.00	22.69 1.72 0.00	21.28 1.65 -0.01	21.73 1.68 -0.01	22.43 1.58 0.00	25.01 1.72 0.00	25.71 2.01 0.00	26.14 2.22 0.00	26.80 2.41 0.01	27.69 2.52 -0.01	29.19 2.61 0.00	30.67 2.99 -0.02	33.87 3.12 -2.65	35.04 3.57 -0.11	36.11 3.63 -0.63	39.98 4.19 -0.02	46.95 4.88 0.00	47.02 4.66 0.00	42.33 3.95 0.00	39.12 3.69 0.00	34.03 2.95 0.00	30.41 2.69 0.00	28.61 2.19 0.00
EAST HAMPTON___GT 23717	34.12 3.13 -6.53	28.49 2.71 -3.22	25.56 2.60 -1.99	24.02 2.47 -1.92	22.92 2.50 -0.38	24.75 2.56 -1.34	27.08 2.86 -0.93	29.91 3.13 -3.09	33.20 3.42 -5.86	33.48 3.59 -5.51	35.42 4.10 -6.15	41.04 4.33 -10.12	40.89 4.79 -8.44	41.98 5.12 -8.75	45.48 5.86 -8.28	44.32 5.89 -6.58	48.98 6.84 -6.36	57.40 8.04 -7.30	55.10 7.88 -4.86	44.95 6.56 -0.01	41.18 5.74 0.00	39.12 4.75 -3.29	33.26 3.74 -1.80	32.35 3.04 -2.90
EAST RIVER___6 23660	26.27 1.81 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.46 1.42 0.00	22.26 1.42 0.00	24.90 1.61 0.00	25.60 1.90 0.00	26.09 2.18 0.00	26.73 2.34 0.00	27.62 2.44 -0.02	29.11 2.53 0.00	30.61 2.93 -0.02	33.75 3.09 -2.55	34.94 3.48 -0.11	35.99 3.53 -0.61	41.23 4.11 -1.33	46.91 4.84 0.00	46.89 4.53 0.00	42.37 3.99 0.00	39.12 3.69 0.00	33.99 2.92 0.00	30.24 2.52 0.00	28.40 1.98 0.00
EAST RIVER___7 23524	26.27 1.81 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.46 1.42 0.00	22.26 1.42 0.00	24.90 1.61 0.00	25.60 1.90 0.00	26.09 2.18 0.00	26.73 2.34 0.00	27.62 2.44 -0.02	29.11 2.53 0.00	30.61 2.93 -0.02	33.75 3.09 -2.55	34.94 3.48 -0.11	35.99 3.53 -0.61	41.23 4.11 -1.33	46.91 4.84 0.00	46.89 4.53 0.00	42.37 3.99 0.00	39.12 3.69 0.00	33.99 2.92 0.00	30.24 2.52 0.00	28.40 1.98 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.07 1.61 0.00	23.92 1.35 0.00	22.31 1.34 0.00	20.92 1.30 0.00	21.36 1.32 0.00	22.18 1.33 0.00	24.80 1.51 0.00	25.45 1.75 0.00	25.80 1.89 0.00	26.41 2.02 0.00	27.28 2.11 0.00	28.76 2.18 0.00	30.21 2.55 0.00	30.80 2.70 0.00	34.36 3.01 0.00	34.97 3.12 0.00	39.40 3.61 0.00	46.36 4.29 0.00	46.47 4.11 0.00	41.91 3.53 0.00	38.63 3.19 0.00	33.65 2.58 0.00	29.88 2.16 0.00	28.16 1.74 0.00
EAST_HAMPTON___DIESEL 23722	34.12 3.13 -6.53	28.49 2.71 -3.22	25.56 2.60 -1.99	24.04 2.49 -1.92	22.92 2.50 -0.38	24.75 2.56 -1.34	27.11 2.89 -0.93	29.91 3.13 -3.09	33.20 3.42 -5.86	33.51 3.61 -5.51	35.44 4.13 -6.15	41.06 4.36 -10.12	40.92 4.81 -8.44	41.98 5.12 -8.75	45.48 5.86 -8.28	44.32 5.89 -6.58	48.95 6.80 -6.36	57.40 8.04 -7.30	55.10 7.88 -4.86	44.95 6.56 -0.01	41.15 5.71 0.00	39.08 4.72 -3.29	33.24 3.72 -1.80	32.32 3.01 -2.90
EAST_POINT___SOLAR 323840	26.34 1.88 0.00	24.26 1.69 0.00	22.42 1.45 0.00	20.96 1.34 0.00	21.44 1.40 0.00	22.30 1.46 0.00	24.71 1.42 0.00	24.72 1.02 0.00	24.70 0.79 0.00	24.88 0.49 0.00	25.69 0.53 0.00	27.11 0.53 0.00	28.55 0.89 0.00	29.03 0.93 0.00	32.60 1.26 0.00	33.19 1.34 0.00	37.28 1.50 0.00	44.26 2.19 0.00	46.34 3.98 0.00	42.33 3.95 0.00	39.09 3.65 0.00	34.21 3.14 0.00	30.41 2.69 0.00	28.74 2.33 0.00
EAST_PULASKI___ESR 323781	23.92 -0.54 0.00	22.00 -0.56 0.00	20.45 -0.52 0.00	19.10 -0.53 0.00	19.52 -0.52 0.00	20.35 -0.50 0.00	22.71 -0.58 0.00	23.11 -0.59 0.00	23.32 -0.60 0.00	23.78 -0.61 0.00	25.06 -0.50 -0.40	26.79 -0.45 -0.66	28.09 -0.41 -0.84	28.43 -0.37 -0.69	32.29 -0.37 -1.32	32.57 -0.45 -1.17	37.01 -0.47 -1.70	44.38 -0.55 -2.86	45.46 -0.42 -3.53	40.61 -0.19 -2.42	37.21 -0.14 -1.91	32.73 -0.09 -1.74	28.41 -0.08 -0.77	26.86 -0.24 -0.68
EAST_RIVER___1 323558	26.24 1.78 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.30 1.46 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.09 2.18 0.00	26.71 2.32 0.00	27.60 2.42 -0.02	29.08 2.50 0.00	30.58 2.90 -0.02	33.72 3.06 -2.55	34.91 3.45 -0.11	35.96 3.50 -0.61	41.23 4.11 -1.33	46.91 4.84 0.00	46.93 4.58 0.00	42.33 3.95 0.00	39.06 3.62 0.00	33.97 2.89 0.00	30.19 2.47 0.00	28.34 1.93 0.00
EAST_RIVER___2 323559	26.27 1.81 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.46 1.42 0.00	22.26 1.42 0.00	24.90 1.61 0.00	25.60 1.90 0.00	26.09 2.18 0.00	26.73 2.34 0.00	27.62 2.44 -0.02	29.11 2.53 0.00	30.61 2.93 -0.02	33.75 3.09 -2.55	34.94 3.48 -0.11	35.99 3.53 -0.61	41.23 4.11 -1.33	46.91 4.84 0.00	46.89 4.53 0.00	42.37 3.99 0.00	39.12 3.69 0.00	33.99 2.92 0.00	30.24 2.52 0.00	28.40 1.98 0.00
EAST___DELAWARE_HYD 23607	25.39 0.93 0.00	23.29 0.72 0.00	21.71 0.73 0.00	20.33 0.71 0.00	20.76 0.72 0.00	21.62 0.77 0.00	24.15 0.86 0.00	24.55 0.85 0.00	24.94 1.03 0.00	25.46 1.07 0.00	26.27 1.11 0.00	27.65 1.06 0.00	29.07 1.41 0.00	29.62 1.52 0.00	33.17 1.82 0.00	33.69 1.85 0.00	37.86 2.07 0.00	44.64 2.57 0.00	44.81 2.46 0.00	40.45 2.07 0.00	37.28 1.84 0.00	32.51 1.43 0.00	28.97 1.25 0.00	27.28 0.87 0.00
EIGHT_POINT___WT_PWR 323820	23.85 -0.61 0.00	21.68 -0.88 0.00	20.01 -0.96 0.00	18.65 -0.98 0.00	19.06 -0.98 0.00	19.93 -0.92 0.00	22.15 -1.14 0.00	22.75 -0.95 0.00	23.20 -0.72 0.00	23.68 -0.71 0.00	24.76 -0.45 -0.05	26.42 -0.27 -0.11	27.50 -0.28 -0.11	28.25 0.06 -0.09	31.68 0.16 -0.17	32.06 0.06 -0.15	35.97 -0.04 -0.22	41.94 -0.50 -0.37	42.86 0.04 -0.46	38.96 0.27 -0.32	36.29 0.60 -0.25	31.83 0.53 -0.23	28.32 0.50 -0.10	27.00 0.50 -0.09
ELBRIDGE_115KV_TB2 80188	24.24 -0.22 0.00	22.29 -0.27 0.00	20.70 -0.27 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.57 -0.27 0.00	22.96 -0.33 0.00	23.42 -0.28 0.00	23.65 -0.26 0.00	24.15 -0.24 0.00	25.23 -0.20 -0.27	26.95 -0.13 -0.50	28.11 -0.11 -0.56	28.56 0.00 -0.46	32.29 0.06 -0.88	32.66 0.03 -0.78	37.02 0.11 -1.13	44.02 0.04 -1.90	44.79 0.08 -2.35	40.10 0.12 -1.61	36.89 0.18 -1.27	32.42 0.19 -1.16	28.35 0.11 -0.51	26.89 0.03 -0.45
ELEC_TRO_TEK 24086	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.14 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.08 1.86 -0.93	28.90 2.11 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.83 2.52 -6.15	39.33 2.63 -10.12	39.09 2.99 -8.44	40.01 3.15 -8.75	43.16 3.54 -8.27	42.05 3.63 -6.57	46.32 4.19 -6.35	54.32 4.96 -7.29	52.00 4.79 -4.85	42.44 4.07 0.00	39.20 3.76 0.00	37.44 3.08 -3.29	32.10 2.58 -1.80	31.45 2.14 -2.90

ELLENBURG_WT_PWR 323604	24.07 -0.39 0.00	22.29 -0.27 0.00	20.72 -0.25 0.00	19.35 -0.27 0.00	19.72 -0.32 0.00	20.45 -0.40 0.00	22.89 -0.40 0.00	23.25 -0.45 0.00	23.39 -0.53 0.00	23.76 -0.63 0.00	24.43 -0.73 0.00	25.79 -0.80 0.00	26.56 -1.11 0.00	26.87 -1.24 0.00	29.81 -1.54 0.00	30.19 -1.66 0.00	33.81 -1.97 0.00	39.88 -2.19 0.00	40.03 -2.33 0.00	36.30 -2.07 0.00	33.52 -1.91 0.00	29.30 -1.77 0.00	26.09 -1.64 0.00	25.12 -1.29 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.16 -1.30 0.00	21.05 -1.51 0.00	19.48 -1.49 0.00	18.21 -1.41 0.00	18.60 -1.44 0.00	19.41 -1.44 0.00	21.38 -1.91 0.00	21.90 -1.80 0.00	22.46 -1.46 0.00	22.90 -1.49 0.00	24.08 -1.08 0.00	25.68 -0.90 0.00	26.61 -1.05 0.00	27.43 -0.67 0.00	30.88 -0.47 0.00	31.21 -0.64 0.00	34.85 -0.93 0.00	40.22 -1.85 0.00	40.88 -1.48 0.00	37.19 -1.19 0.00	34.87 -0.57 0.00	30.52 -0.56 0.00	27.19 -0.53 0.00	26.31 -0.11 0.00
EMPIRE_CC_1 323656	25.41 0.95 0.00	23.51 0.95 0.00	21.87 0.90 0.00	20.49 0.86 0.00	20.92 0.88 0.00	21.76 0.92 0.00	24.25 0.96 0.00	24.60 0.90 0.00	24.73 0.81 0.00	25.19 0.80 0.00	25.94 0.78 0.00	27.38 0.80 0.00	28.74 1.08 0.00	29.17 1.07 0.00	32.54 1.19 0.00	33.06 1.21 0.00	37.25 1.47 0.00	43.92 1.85 0.00	44.22 1.86 0.00	39.99 1.61 0.00	36.86 1.42 0.00	32.26 1.18 0.00	28.72 1.00 0.00	27.21 0.79 0.00
EMPIRE_CC_2 323658	25.41 0.95 0.00	23.51 0.95 0.00	21.87 0.90 0.00	20.49 0.86 0.00	20.92 0.88 0.00	21.76 0.92 0.00	24.25 0.96 0.00	24.60 0.90 0.00	24.73 0.81 0.00	25.19 0.80 0.00	25.94 0.78 0.00	27.38 0.80 0.00	28.74 1.08 0.00	29.17 1.07 0.00	32.54 1.19 0.00	33.06 1.21 0.00	37.25 1.47 0.00	43.92 1.85 0.00	44.22 1.86 0.00	39.99 1.61 0.00	36.86 1.42 0.00	32.26 1.18 0.00	28.72 1.00 0.00	27.21 0.79 0.00
ENORWICH_115KV_TB1 80156	25.95 1.49 0.00	23.78 1.22 0.00	22.02 1.05 0.00	20.51 0.88 0.00	20.96 0.92 0.00	21.93 1.08 0.00	24.36 1.07 0.00	25.03 1.33 0.00	25.21 1.29 0.00	25.56 1.17 0.00	26.39 1.13 -0.10	28.11 1.33 -0.20	29.36 1.49 -0.20	29.93 1.66 -0.17	33.49 1.82 -0.32	34.01 1.88 -0.29	38.70 2.50 -0.42	45.84 3.07 -0.70	46.65 3.43 -0.86	42.54 3.57 -0.59	39.17 3.26 -0.47	34.33 2.83 -0.43	30.29 2.38 -0.19	28.67 2.09 -0.17
ERIE_ST_34_KV_TB1-2 80199	23.36 -1.10 0.00	21.19 -1.38 0.00	19.61 -1.36 0.00	18.33 -1.30 0.00	18.74 -1.30 0.00	19.58 -1.27 0.00	21.59 -1.70 0.00	22.09 -1.61 0.00	22.65 -1.27 0.00	23.12 -1.27 0.00	24.34 -0.83 0.00	25.97 -0.61 0.00	26.95 -0.72 0.00	27.88 -0.22 0.00	31.44 0.09 0.00	31.79 -0.06 0.00	35.57 -0.21 0.00	41.02 -1.05 0.00	41.72 -0.64 0.00	37.88 -0.50 0.00	35.44 0.00 0.00	31.01 -0.06 0.00	27.58 -0.14 0.00	26.70 0.29 0.00
ERIE_WT_PWR 323693	23.31 -1.15 0.00	21.17 -1.40 0.00	19.59 -1.38 0.00	18.31 -1.31 0.00	18.70 -1.34 0.00	19.51 -1.33 0.00	21.50 -1.79 0.00	22.02 -1.68 0.00	22.58 -1.34 0.00	23.03 -1.37 0.00	24.26 -0.90 0.00	25.92 -0.66 0.00	26.89 -0.77 0.00	27.77 -0.34 0.00	31.10 -0.25 0.00	31.59 -0.26 0.00	35.10 -0.68 0.00	40.31 -1.77 0.00	41.26 -1.10 0.00	37.53 -0.84 0.00	35.12 -0.32 0.00	30.77 -0.31 0.00	27.58 -0.14 0.00	26.52 0.11 0.00
ESPRGFLD_115KV_TB1 80157	25.75 1.30 0.00	23.62 1.06 0.00	21.89 0.92 0.00	20.47 0.84 0.00	20.94 0.90 0.00	21.85 1.00 0.00	24.36 1.07 0.00	24.84 1.14 0.00	25.09 1.17 0.00	25.51 1.12 0.00	26.32 1.16 0.00	27.86 1.28 0.00	29.16 1.49 0.00	29.71 1.60 0.00	33.20 1.85 0.00	33.79 1.94 0.00	38.11 2.33 0.00	44.80 2.73 0.00	45.62 3.26 0.00	41.52 3.15 0.00	38.27 2.84 0.00	33.47 2.39 0.00	29.74 2.02 0.00	28.16 1.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.85 0.39 0.00	22.81 0.25 0.00	21.16 0.19 0.00	19.76 0.14 0.00	20.20 0.16 0.00	21.05 0.21 0.00	23.50 0.21 0.00	24.03 0.33 0.00	24.23 0.31 0.00	24.71 0.32 0.00	25.65 0.35 -0.14	27.31 0.45 -0.28	28.47 0.53 -0.28	29.01 0.67 -0.23	32.61 0.82 -0.45	33.04 0.80 -0.40	37.43 1.07 -0.58	44.26 1.22 -0.97	44.95 1.40 -1.20	40.62 1.42 -0.82	37.47 1.38 -0.65	32.88 1.21 -0.59	28.98 1.00 -0.26	27.46 0.82 -0.23
ETNA____115KV_TB2 80207	24.85 0.39 0.00	22.81 0.25 0.00	21.16 0.19 0.00	19.76 0.14 0.00	20.20 0.16 0.00	21.05 0.21 0.00	23.50 0.21 0.00	24.03 0.33 0.00	24.23 0.31 0.00	24.71 0.32 0.00	25.65 0.35 -0.14	27.31 0.45 -0.28	28.47 0.53 -0.28	29.01 0.67 -0.23	32.61 0.82 -0.45	33.04 0.80 -0.40	37.43 1.07 -0.58	44.26 1.22 -0.97	44.95 1.40 -1.20	40.62 1.42 -0.82	37.47 1.38 -0.65	32.88 1.21 -0.59	28.98 1.00 -0.26	27.46 0.82 -0.23
EUCLID____115KV_TB2 356179	24.09 -0.37 0.00	22.18 -0.38 0.00	20.59 -0.38 0.00	19.25 -0.37 0.00	19.66 -0.38 0.00	20.47 -0.38 0.00	22.85 -0.44 0.00	23.27 -0.43 0.00	23.51 -0.41 0.00	24.02 -0.37 0.00	24.95 -0.33 -0.11	26.50 -0.27 -0.19	27.66 -0.25 -0.24	28.16 -0.14 -0.20	31.60 -0.13 -0.38	32.02 -0.16 -0.34	36.13 -0.14 -0.49	42.64 -0.25 -0.82	43.16 -0.21 -1.01	38.92 -0.15 -0.70	35.88 -0.11 -0.55	31.51 -0.06 -0.50	27.83 -0.11 -0.22	26.43 -0.18 -0.20
E_CANADA_CAP_HY 24051	26.12 1.66 0.00	24.01 1.45 0.00	22.21 1.24 0.00	20.76 1.14 0.00	21.24 1.20 0.00	22.14 1.29 0.00	24.66 1.37 0.00	24.91 1.21 0.00	25.11 1.20 0.00	25.44 1.05 0.00	26.22 1.06 0.00	27.72 1.14 0.00	29.10 1.44 0.00	29.59 1.49 0.00	33.13 1.79 0.00	33.73 1.88 0.00	38.04 2.26 0.00	44.85 2.78 0.00	46.04 3.68 0.00	41.87 3.49 0.00	38.66 3.22 0.00	33.81 2.74 0.00	30.11 2.38 0.00	28.45 2.03 0.00
E_CANADA_MHWK_HY 24050	24.75 0.29 0.00	22.84 0.27 0.00	21.22 0.25 0.00	19.84 0.22 0.00	20.26 0.22 0.00	21.12 0.27 0.00	23.55 0.26 0.00	23.99 0.29 0.00	24.23 0.31 0.00	24.71 0.32 0.00	25.47 0.30 0.04	26.89 0.34 0.00	28.08 0.42 0.00	28.50 0.39 0.00	31.75 0.41 0.00	32.23 0.38 0.00	36.32 0.54 0.00	42.74 0.67 0.00	43.03 0.68 0.00	39.03 0.65 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.14 0.42 0.00	26.76 0.34 0.00
E_FISHKILL____LBMP 23776	25.85 1.39 0.00	23.76 1.20 0.00	22.15 1.17 0.00	20.78 1.16 0.00	21.20 1.16 0.00	22.03 1.19 0.00	24.62 1.33 0.00	25.19 1.49 0.00	25.49 1.58 0.00	26.07 1.68 0.00	26.90 1.74 0.00	28.36 1.78 0.00	29.79 2.13 0.00	30.35 2.25 0.00	33.86 2.51 0.00	34.43 2.58 0.00	38.82 3.04 0.00	45.69 3.62 0.00	45.83 3.47 0.00	41.37 2.99 0.00	38.13 2.69 0.00	33.25 2.18 0.00	29.52 1.80 0.00	27.87 1.45 0.00
FALCON____SEABRD_CC1 323796	24.29 -0.17 0.00	22.50 -0.07 0.00	20.91 -0.06 0.00	19.53 -0.10 0.00	19.92 -0.12 0.00	20.64 -0.21 0.00	23.13 -0.16 0.00	23.49 -0.21 0.00	23.63 -0.29 0.00	23.97 -0.41 0.00	24.69 -0.48 0.00	26.05 -0.53 0.00	26.81 -0.86 0.00	27.15 -0.96 0.00	30.09 -1.25 0.00	30.51 -1.34 0.00	34.17 -1.61 0.00	40.26 -1.81 0.00	40.45 -1.91 0.00	36.69 -1.69 0.00	33.92 -1.52 0.00	29.61 -1.46 0.00	26.31 -1.41 0.00	25.33 -1.08 0.00

FALCON___SEABRD_CC2 323797	24.29 -0.17 0.00	22.50 -0.07 0.00	20.91 -0.06 0.00	19.53 -0.10 0.00	19.92 -0.12 0.00	20.64 -0.21 0.00	23.13 -0.16 0.00	23.49 -0.21 0.00	23.63 -0.29 0.00	23.97 -0.41 0.00	24.69 -0.48 0.00	26.05 -0.53 0.00	26.81 -0.86 0.00	27.15 -0.96 0.00	30.09 -1.25 0.00	30.51 -1.34 0.00	34.17 -1.61 0.00	40.26 -1.81 0.00	40.45 -1.91 0.00	36.69 -1.69 0.00	33.92 -1.52 0.00	29.61 -1.46 0.00	26.31 -1.41 0.00	25.33 -1.08 0.00
FAR ROCKAWAY___4 23548	33.53 2.54 -6.53	27.95 2.17 -3.22	25.04 2.08 -1.99	23.53 1.98 -1.92	22.42 2.00 -0.38	24.23 2.04 -1.34	26.53 2.31 -0.93	29.37 2.58 -3.09	32.55 2.77 -5.86	32.83 2.93 -5.51	34.53 3.22 -6.15	40.10 3.40 -10.12	39.59 3.49 -8.44	40.48 3.63 -8.75	43.72 4.11 -8.27	42.62 4.20 -6.57	47.00 4.87 -6.35	55.12 5.76 -7.29	52.80 5.59 -4.85	43.13 4.76 0.00	39.80 4.36 0.00	38.00 3.64 -3.29	32.57 3.05 -1.80	31.90 2.59 -2.90
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.27 1.81 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.31 1.46 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.09 2.18 0.00	26.73 2.34 0.00	27.62 2.44 -0.02	29.11 2.53 0.00	30.58 2.90 -0.02	33.74 3.06 -2.57	34.91 3.45 -0.11	36.00 3.54 -0.61	41.24 4.11 -1.34	46.91 4.84 0.00	46.98 4.62 0.00	42.37 3.99 0.00	39.05 3.61 0.00	34.00 2.92 0.00	30.16 2.44 0.00	28.37 1.95 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.27 1.81 0.00	24.08 1.51 0.00	22.46 1.49 0.00	21.06 1.43 0.00	21.50 1.46 0.00	22.31 1.46 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.09 2.18 0.00	26.73 2.34 0.00	27.62 2.44 -0.02	29.11 2.53 0.00	30.58 2.90 -0.02	33.74 3.06 -2.57	34.91 3.45 -0.11	36.00 3.54 -0.61	41.24 4.11 -1.34	46.91 4.84 0.00	46.98 4.62 0.00	42.37 3.99 0.00	39.05 3.61 0.00	34.00 2.92 0.00	30.16 2.44 0.00	28.37 1.95 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.24 1.79 0.00	24.05 1.49 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.31 1.46 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.09 2.18 0.00	26.71 2.32 0.00	27.60 2.42 -0.02	29.08 2.50 0.00	30.58 2.90 -0.02	33.71 3.04 -2.57	34.88 3.42 -0.11	36.00 3.54 -0.61	41.20 4.08 -1.34	46.87 4.80 0.00	46.93 4.57 0.00	42.33 3.95 0.00	39.02 3.58 0.00	33.96 2.89 0.00	30.13 2.41 0.00	28.34 1.93 0.00
FARRAGUT___LBMP 323566	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.57 2.39 -0.02	29.05 2.47 0.00	30.53 2.85 -0.02	33.68 3.01 -2.57	34.84 3.39 -0.11	35.93 3.47 -0.61	41.17 4.04 -1.34	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.91 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.13 2.41 0.00	28.32 1.90 0.00
FENNER___WINDPWR 24204	24.92 0.46 0.00	22.92 0.36 0.00	21.29 0.32 0.00	19.88 0.25 0.00	20.32 0.28 0.00	21.20 0.35 0.00	23.64 0.35 0.00	24.15 0.45 0.00	24.37 0.45 0.00	24.85 0.46 0.00	25.74 0.48 -0.10	27.31 0.58 -0.14	28.57 0.69 -0.21	29.04 0.76 -0.18	32.53 0.85 -0.34	33.01 0.86 -0.30	37.29 1.07 -0.43	44.06 1.26 -0.73	44.62 1.36 -0.90	40.42 1.42 -0.62	37.24 1.31 -0.49	32.67 1.15 -0.45	28.92 1.00 -0.20	27.38 0.79 -0.17
FIBERTEK___ENERGY 23856	24.36 -0.10 0.00	22.41 -0.16 0.00	20.80 -0.17 0.00	19.43 -0.20 0.00	19.86 -0.18 0.00	20.68 -0.17 0.00	23.08 -0.21 0.00	23.56 -0.14 0.00	23.77 -0.14 0.00	24.29 -0.10 0.00	25.36 -0.05 -0.25	27.08 0.03 -0.47	28.25 0.06 -0.53	28.71 0.17 -0.43	32.43 0.25 -0.83	32.81 0.22 -0.74	37.13 0.29 -1.07	44.12 0.25 -1.80	44.87 0.30 -2.22	40.21 0.31 -1.52	36.99 0.35 -1.20	32.51 0.34 -1.10	28.46 0.25 -0.48	26.97 0.13 -0.43
FITZPATRICK____ 23598	23.75 -0.71 0.00	21.86 -0.70 0.00	20.32 -0.65 0.00	19.02 -0.61 0.00	19.42 -0.62 0.00	20.20 -0.65 0.00	22.54 -0.75 0.00	22.89 -0.81 0.00	23.13 -0.79 0.00	23.61 -0.78 0.00	23.02 -0.75 1.39	23.00 -0.74 2.84	24.00 -0.75 2.92	25.00 -0.70 2.40	26.00 -0.75 4.60	27.00 -0.76 4.08	29.00 -0.86 5.92	31.00 -1.09 9.98	29.00 -1.06 12.30	29.00 -0.92 8.45	28.00 -0.78 6.66	24.31 -0.68 6.08	24.39 -0.64 2.69	23.38 -0.66 2.38
FLOWRFLD_69_KV_BK1 356044	33.29 2.30 -6.53	27.79 2.01 -3.22	24.89 1.93 -1.99	23.39 1.84 -1.92	22.30 1.88 -0.38	24.12 1.94 -1.34	26.39 2.17 -0.93	29.20 2.42 -3.09	32.34 2.56 -5.86	32.61 2.71 -5.51	34.16 2.84 -6.15	39.60 2.90 -10.12	39.45 3.35 -8.44	40.51 3.65 -8.75	43.80 4.17 -8.28	42.73 4.30 -6.58	46.98 4.83 -6.37	55.05 5.68 -7.30	52.78 5.55 -4.87	43.27 4.87 -0.02	39.83 4.39 0.00	38.00 3.64 -3.29	32.57 3.05 -1.80	31.88 2.56 -2.90
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.19 1.74 0.00	24.03 1.47 0.00	22.42 1.45 0.00	21.02 1.39 0.00	21.44 1.40 0.00	22.31 1.46 0.00	24.92 1.63 0.00	25.41 1.71 0.00	25.76 1.84 0.00	26.29 1.90 0.00	27.15 1.99 0.00	28.58 1.99 0.00	30.04 2.38 0.00	30.66 2.56 0.00	34.26 2.92 0.00	34.84 2.99 0.00	39.22 3.44 0.00	46.19 4.12 0.00	46.38 4.02 0.00	41.83 3.45 0.00	38.56 3.12 0.00	33.59 2.52 0.00	29.86 2.13 0.00	28.18 1.77 0.00
FORT ORANGE____ 23900	25.41 0.95 0.00	23.60 1.04 0.00	21.94 0.97 0.00	20.55 0.92 0.00	20.96 0.92 0.00	21.83 0.98 0.00	24.34 1.05 0.00	24.67 0.97 0.00	24.63 0.72 0.00	25.10 0.71 0.00	25.84 0.68 0.00	27.25 0.66 0.00	28.61 0.94 0.00	29.00 0.90 0.00	32.35 1.00 0.00	32.87 1.02 0.00	37.07 1.29 0.00	43.80 1.73 0.00	44.18 1.82 0.00	39.95 1.57 0.00	36.79 1.35 0.00	32.23 1.15 0.00	28.75 1.03 0.00	27.23 0.82 0.00
FORT_DRUM_COGEN 23780	23.90 -0.56 0.00	22.05 -0.52 0.00	20.47 -0.50 0.00	19.14 -0.49 0.00	19.58 -0.46 0.00	20.45 -0.40 0.00	22.80 -0.49 0.00	23.23 -0.47 0.00	23.37 -0.55 0.00	23.68 -0.71 0.00	24.63 -0.73 -0.20	25.83 -0.69 0.06	27.42 -0.66 -0.42	27.78 -0.67 -0.35	31.19 -0.82 -0.66	31.54 -0.89 -0.59	35.77 -0.86 -0.85	42.66 -0.84 -1.43	43.58 -0.55 -1.77	39.63 0.04 -1.22	36.40 0.00 -0.96	31.98 0.03 -0.87	28.05 -0.06 -0.39	26.60 -0.16 -0.34
FOX_HILLS___ESR 323835	26.47 2.01 -0.01	24.23 1.67 0.00	22.59 1.61 0.00	21.20 1.57 -0.01	21.63 1.58 -0.01	22.33 1.48 0.00	24.97 1.68 0.00	25.67 1.97 0.00	26.12 2.20 0.00	35.68 2.39 -8.90	38.77 2.49 -11.11	29.19 2.55 -0.06	30.62 2.90 -0.06	35.02 3.04 -3.88	35.08 3.51 -0.22	67.22 3.60 -31.77	70.21 4.15 -30.28	66.63 4.88 -19.68	66.67 4.66 -19.65	42.37 3.95 -0.04	39.15 3.65 -0.06	34.02 2.89 -0.06	43.52 2.52 -13.27	28.57 2.14 -0.02
FPL FAR_ROCK_GT1 24212	33.53 2.54 -6.53	27.97 2.19 -3.22	25.04 2.08 -1.99	23.53 1.98 -1.92	22.42 2.00 -0.38	24.23 2.04 -1.34	26.53 2.31 -0.93	29.32 2.54 -3.09	32.55 2.77 -5.86	32.82 2.93 -5.51	34.53 3.22 -6.15	40.11 3.40 -10.12	39.59 3.49 -8.44	40.46 3.60 -8.75	43.72 4.11 -8.27	42.59 4.17 -6.57	47.00 4.87 -6.35	55.12 5.76 -7.29	52.80 5.59 -4.85	43.13 4.76 0.00	39.80 4.36 0.00	37.99 3.63 -3.29	32.60 3.08 -1.80	31.87 2.56 -2.90

FPL FAR_ROCK_GT2 23815	33.53 2.54 -6.53	27.97 2.19 -3.22	25.04 2.08 -1.99	23.53 1.98 -1.92	22.42 2.00 -0.38	24.23 2.04 -1.34	26.53 2.31 -0.93	29.32 2.54 -3.09	32.55 2.77 -5.86	32.82 2.93 -5.51	34.53 3.22 -6.15	40.11 3.40 -10.12	39.59 3.49 -8.44	40.46 3.60 -8.75	43.72 4.11 -8.27	42.59 4.17 -6.57	47.00 4.87 -6.35	55.12 5.76 -7.29	52.80 5.59 -4.85	43.13 4.76 0.00	39.80 4.36 0.00	37.99 3.63 -3.29	32.60 3.08 -1.80	31.87 2.56 -2.90
FRANKLIN_FALL_HYD 24054	24.02 -0.44 0.00	22.29 -0.27 0.00	20.72 -0.25 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.49 -0.35 0.00	22.96 -0.33 0.00	23.23 -0.47 0.00	23.41 -0.50 0.00	23.71 -0.68 0.00	24.36 -0.81 0.00	25.12 -0.90 0.56	26.45 -1.22 0.00	26.78 -1.32 0.00	29.69 -1.66 0.00	30.10 -1.75 0.00	33.74 -2.04 0.00	39.76 -2.31 0.00	39.94 -2.41 0.00	36.30 -2.07 0.00	33.63 -1.81 0.00	29.37 -1.71 0.00	26.20 -1.52 0.00	25.17 -1.24 0.00
FREEPORT_EQUS_GT1 23764	33.17 2.18 -6.53	27.65 1.87 -3.22	24.77 1.80 -1.99	23.27 1.73 -1.92	22.16 1.74 -0.38	23.98 1.79 -1.34	26.25 2.03 -0.93	29.01 2.23 -3.09	32.24 2.46 -5.86	32.48 2.58 -5.51	34.06 2.74 -6.15	39.55 2.85 -10.12	39.37 3.26 -8.44	40.26 3.40 -8.75	43.47 3.85 -8.26	42.33 3.92 -6.57	46.72 4.58 -6.35	54.61 5.26 -7.29	52.29 5.08 -4.85	42.83 4.45 0.00	39.58 4.14 0.00	37.78 3.42 -3.29	32.43 2.91 -1.80	31.72 2.40 -2.90
FREEPORT___CT2 23818	33.17 2.18 -6.53	27.65 1.87 -3.22	24.77 1.80 -1.99	23.27 1.73 -1.92	22.16 1.74 -0.38	23.98 1.79 -1.34	26.25 2.03 -0.93	29.01 2.23 -3.09	32.24 2.46 -5.86	32.48 2.58 -5.51	34.06 2.74 -6.15	39.55 2.85 -10.12	39.37 3.26 -8.44	40.26 3.40 -8.75	43.47 3.85 -8.26	42.33 3.92 -6.57	46.72 4.58 -6.35	54.61 5.26 -7.29	52.29 5.08 -4.85	42.83 4.45 0.00	39.58 4.14 0.00	37.78 3.42 -3.29	32.43 2.91 -1.80	31.72 2.40 -2.90
FRESHKLS_33_KV_LOAD 356253	26.50 2.03 -0.01	24.26 1.69 0.00	22.59 1.61 0.00	21.20 1.57 -0.01	21.63 1.58 -0.01	22.31 1.46 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.07 2.15 0.00	32.80 2.32 -6.09	35.21 2.44 -7.61	29.14 2.50 -0.06	30.57 2.85 -0.06	34.99 3.01 -3.88	35.05 3.48 -0.22	67.18 3.57 -31.77	70.18 4.11 -30.28	66.58 4.84 -19.68	66.62 4.62 -19.65	42.37 3.95 -0.04	39.15 3.65 -0.06	33.99 2.86 -0.06	43.49 2.49 -13.27	28.60 2.17 -0.02
FULTON COGEN____ 23766	23.99 -0.46 0.00	22.07 -0.50 0.00	20.51 -0.46 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.39 -0.46 0.00	22.75 -0.54 0.00	23.18 -0.52 0.00	23.39 -0.53 0.00	23.88 -0.51 0.00	25.14 -0.48 -0.45	27.02 -0.43 -0.87	28.20 -0.41 -0.95	28.58 -0.31 -0.78	32.53 -0.31 -1.50	32.83 -0.35 -1.33	37.39 -0.32 -1.93	44.86 -0.46 -3.25	45.94 -0.42 -4.01	40.82 -0.31 -2.75	37.36 -0.25 -2.17	32.87 -0.19 -1.98	28.38 -0.22 -0.88	26.87 -0.32 -0.77
FULTON___LFGE 323630	27.10 2.64 0.00	24.93 2.37 0.00	22.96 1.99 0.00	21.43 1.80 0.00	21.98 1.94 0.00	22.93 2.08 0.00	25.67 2.38 0.00	25.95 2.25 0.00	26.31 2.39 0.00	26.71 2.32 0.00	27.45 2.29 0.00	29.06 2.47 0.00	30.57 2.90 0.00	31.11 3.01 0.00	34.80 3.45 0.00	35.57 3.72 0.00	40.15 4.36 0.00	47.58 5.51 0.00	48.67 6.31 0.00	43.94 5.56 0.00	40.47 5.03 0.00	35.39 4.32 0.00	31.35 3.63 0.00	29.64 3.22 0.00
G.F.CEMENT___DRP 24184	25.75 1.30 0.00	23.81 1.24 0.00	22.04 1.07 0.00	20.59 0.96 0.00	21.06 1.02 0.00	21.95 1.10 0.00	24.55 1.26 0.00	24.91 1.21 0.00	25.16 1.24 0.00	25.63 1.24 0.00	26.25 1.08 0.00	27.75 1.17 0.00	29.08 1.41 0.00	29.45 1.35 0.00	32.88 1.54 0.00	33.44 1.59 0.00	37.68 1.90 0.00	44.51 2.44 0.00	45.45 3.09 0.00	41.06 2.69 0.00	37.96 2.52 0.00	33.28 2.21 0.00	29.50 1.77 0.00	28.00 1.58 0.00
GARDENVILLE___LBMP 24039	23.24 -1.22 0.00	21.12 -1.44 0.00	19.53 -1.45 0.00	18.25 -1.37 0.00	18.64 -1.40 0.00	19.47 -1.38 0.00	21.43 -1.86 0.00	21.97 -1.73 0.00	22.51 -1.41 0.00	22.95 -1.44 0.00	24.16 -1.01 0.00	25.76 -0.82 0.00	26.70 -0.97 0.00	27.54 -0.56 0.00	31.00 -0.34 0.00	31.34 -0.51 0.00	35.00 -0.79 0.00	40.39 -1.68 0.00	41.09 -1.27 0.00	37.34 -1.04 0.00	35.01 -0.43 0.00	30.64 -0.44 0.00	27.31 -0.42 0.00	26.41 0.00 0.00
GARDNVLA_35_KV_LD 355827	23.36 -1.10 0.00	21.21 -1.35 0.00	19.61 -1.36 0.00	18.33 -1.30 0.00	18.74 -1.30 0.00	19.56 -1.29 0.00	21.55 -1.75 0.00	22.07 -1.64 0.00	22.63 -1.29 0.00	23.07 -1.32 0.00	24.31 -0.86 0.00	25.92 -0.66 0.00	26.86 -0.80 0.00	27.74 -0.37 0.00	31.23 -0.13 0.00	31.56 -0.29 0.00	35.21 -0.57 0.00	40.60 -1.47 0.00	41.30 -1.06 0.00	37.57 -0.81 0.00	35.19 -0.25 0.00	30.80 -0.28 0.00	27.45 -0.28 0.00	26.55 0.13 0.00
GELCKHM___115KV_LOAD 80723	24.19 -0.27 0.00	22.25 -0.32 0.00	20.66 -0.31 0.00	19.31 -0.31 0.00	19.72 -0.32 0.00	20.55 -0.29 0.00	22.92 -0.37 0.00	23.37 -0.33 0.00	23.60 -0.31 0.00	24.12 -0.27 0.00	25.10 -0.23 -0.16	26.68 -0.19 -0.29	27.87 -0.14 -0.34	28.33 -0.06 -0.28	31.89 0.00 -0.54	32.29 -0.03 -0.48	36.47 0.00 -0.69	43.15 -0.08 -1.17	43.76 -0.04 -1.44	39.36 0.00 -0.99	36.25 0.04 -0.78	31.85 0.06 -0.71	28.04 0.00 -0.31	26.61 -0.08 -0.28
GENERAL___MILLS 23808	23.29 -1.17 0.00	21.17 -1.40 0.00	19.57 -1.41 0.00	18.29 -1.33 0.00	18.70 -1.34 0.00	19.51 -1.33 0.00	21.50 -1.79 0.00	22.02 -1.68 0.00	22.58 -1.34 0.00	23.00 -1.39 0.00	24.23 -0.93 0.00	25.81 -0.77 0.00	26.78 -0.89 0.00	27.63 -0.48 0.00	31.10 -0.25 0.00	31.44 -0.41 0.00	35.10 -0.68 0.00	40.47 -1.60 0.00	41.17 -1.19 0.00	37.46 -0.92 0.00	35.09 -0.35 0.00	30.70 -0.37 0.00	27.36 -0.36 0.00	26.49 0.08 0.00
GE_PLASTICS___DRP 24183	25.27 0.81 0.00	23.40 0.83 0.00	21.77 0.80 0.00	20.39 0.77 0.00	20.80 0.76 0.00	21.64 0.79 0.00	24.15 0.86 0.00	24.55 0.85 0.00	24.58 0.67 0.00	25.07 0.68 0.00	25.82 0.65 0.00	27.25 0.66 0.00	28.55 0.89 0.00	29.00 0.90 0.00	32.32 0.97 0.00	32.87 1.02 0.00	37.03 1.25 0.00	43.63 1.56 0.00	43.97 1.61 0.00	39.80 1.42 0.00	36.68 1.24 0.00	32.10 1.03 0.00	28.58 0.86 0.00	27.10 0.69 0.00
GILBOA___1 23756	25.22 0.76 0.00	23.24 0.68 0.00	21.62 0.65 0.00	20.25 0.63 0.00	20.68 0.64 0.00	21.51 0.67 0.00	23.99 0.70 0.00	24.46 0.76 0.00	24.70 0.79 0.00	25.22 0.83 0.00	25.99 0.83 0.00	27.43 0.85 0.00	28.72 1.05 0.00	29.20 1.10 0.00	32.60 1.26 0.00	33.12 1.28 0.00	37.32 1.54 0.00	43.88 1.81 0.00	44.14 1.78 0.00	39.99 1.61 0.00	36.89 1.45 0.00	32.26 1.18 0.00	28.72 1.00 0.00	27.18 0.77 0.00
GILBOA___2 23757	25.22 0.76 0.00	23.24 0.68 0.00	21.62 0.65 0.00	20.25 0.63 0.00	20.68 0.64 0.00	21.51 0.67 0.00	23.99 0.70 0.00	24.46 0.76 0.00	24.70 0.79 0.00	25.22 0.83 0.00	25.99 0.83 0.00	27.43 0.85 0.00	28.72 1.05 0.00	29.20 1.10 0.00	32.60 1.26 0.00	33.12 1.28 0.00	37.32 1.54 0.00	43.88 1.81 0.00	44.14 1.78 0.00	39.99 1.61 0.00	36.89 1.45 0.00	32.26 1.18 0.00	28.72 1.00 0.00	27.18 0.77 0.00

GILBOA___3 23758	25.22 0.76 0.00	23.24 0.68 0.00	21.62 0.65 0.00	20.25 0.63 0.00	20.68 0.64 0.00	21.51 0.67 0.00	23.99 0.70 0.00	24.46 0.76 0.00	24.70 0.79 0.00	25.22 0.83 0.00	25.99 0.83 0.00	27.43 0.85 0.00	28.72 1.05 0.00	29.20 1.10 0.00	32.60 1.26 0.00	33.12 1.28 0.00	37.32 1.54 0.00	43.88 1.81 0.00	44.14 1.78 0.00	39.99 1.61 0.00	36.89 1.45 0.00	32.26 1.18 0.00	28.72 1.00 0.00	27.18 0.77 0.00
GILBOA___4 23759	25.22 0.76 0.00	23.24 0.68 0.00	21.62 0.65 0.00	20.25 0.63 0.00	20.68 0.64 0.00	21.51 0.67 0.00	23.99 0.70 0.00	24.46 0.76 0.00	24.70 0.79 0.00	25.22 0.83 0.00	25.99 0.83 0.00	27.43 0.85 0.00	28.72 1.05 0.00	29.20 1.10 0.00	32.60 1.26 0.00	33.12 1.28 0.00	37.32 1.54 0.00	43.88 1.81 0.00	44.14 1.78 0.00	39.99 1.61 0.00	36.89 1.45 0.00	32.26 1.18 0.00	28.72 1.00 0.00	27.18 0.77 0.00
GILBOA___ 23599	25.22 0.76 0.00	23.22 0.65 0.00	21.62 0.65 0.00	20.25 0.63 0.00	20.68 0.64 0.00	21.51 0.67 0.00	24.01 0.72 0.00	24.48 0.78 0.00	24.70 0.79 0.00	25.22 0.83 0.00	25.99 0.83 0.00	27.43 0.85 0.00	28.72 1.05 0.00	29.23 1.12 0.00	32.60 1.25 0.00	33.15 1.31 0.00	37.32 1.54 0.00	43.84 1.77 0.00	44.14 1.78 0.00	39.99 1.61 0.00	36.89 1.45 0.00	32.26 1.18 0.00	28.69 0.97 0.00	27.18 0.77 0.00
GINNA___ 23603	22.97 -1.49 0.00	21.01 -1.56 0.00	19.44 -1.53 0.00	18.17 -1.45 0.00	18.54 -1.50 0.00	19.34 -1.50 0.00	21.50 -1.79 0.00	22.09 -1.61 0.00	22.43 -1.48 0.00	22.97 -1.42 0.00	23.91 -1.26 0.00	25.41 -1.17 0.00	26.45 -1.22 0.00	27.09 -1.01 0.00	30.31 -1.03 0.00	30.83 -1.02 0.00	34.49 -1.29 0.00	40.22 -1.85 0.00	40.66 -1.70 0.00	36.84 -1.54 0.00	34.30 -1.14 0.00	30.11 -0.96 0.00	26.81 -0.91 0.00	25.49 -0.93 0.00
GLEN PARK___ 23778	23.97 -0.49 0.00	22.11 -0.45 0.00	20.53 -0.44 0.00	19.18 -0.45 0.00	19.62 -0.42 0.00	20.51 -0.33 0.00	22.87 -0.42 0.00	23.32 -0.38 0.00	23.41 -0.50 0.00	23.73 -0.66 0.00	24.70 -0.68 -0.21	25.96 -0.61 0.01	27.55 -0.55 -0.44	27.88 -0.59 -0.36	31.32 -0.72 -0.69	31.67 -0.79 -0.62	35.96 -0.72 -0.90	42.90 -0.67 -1.51	43.88 -0.34 -1.86	40.04 0.38 -1.28	36.73 0.28 -1.01	32.31 0.31 -0.92	28.32 0.20 -0.41	26.80 0.03 -0.36
GLENDALE_27_KV_LOAD 356172	26.44 1.98 0.00	24.23 1.67 0.00	22.59 1.61 0.00	21.20 1.57 -0.01	21.65 1.60 -0.01	22.41 1.56 0.00	25.08 1.79 0.00	25.81 2.11 0.00	26.24 2.32 0.00	28.16 2.51 -1.26	29.39 2.64 -1.58	29.29 2.71 0.00	30.78 3.10 -0.02	33.99 3.23 -2.65	35.16 3.70 -0.11	36.27 3.79 -0.63	41.49 4.33 -1.38	47.16 5.09 0.00	47.19 4.83 0.00	42.52 4.14 0.00	39.27 3.83 0.00	34.15 3.08 0.00	30.38 2.66 0.00	28.55 2.14 0.00
GLENWOOD_IC_1_G5 23712	33.12 2.13 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.23 1.69 -1.92	22.12 1.70 -0.38	23.93 1.75 -1.34	26.20 1.98 -0.93	29.04 2.25 -3.09	32.19 2.42 -5.86	32.46 2.56 -5.51	34.06 2.74 -6.15	39.57 2.87 -10.12	39.40 3.29 -8.44	40.34 3.49 -8.75	43.28 3.67 -8.27	42.17 3.76 -6.57	46.47 4.33 -6.35	54.45 5.09 -7.29	52.13 4.91 -4.85	42.52 4.14 0.00	39.55 4.11 0.00	37.75 3.39 -3.29	32.32 2.80 -1.80	31.66 2.35 -2.90
GLENWOOD_IC_2_G1 23688	33.05 2.05 -6.53	27.56 1.78 -3.22	24.68 1.72 -1.99	23.19 1.65 -1.92	22.08 1.66 -0.38	23.89 1.71 -1.34	26.13 1.91 -0.93	28.92 2.13 -3.09	32.14 2.37 -5.86	32.39 2.49 -5.51	33.95 2.64 -6.15	39.47 2.76 -10.12	39.28 3.18 -8.44	40.17 3.31 -8.75	43.31 3.70 -8.27	42.17 3.76 -6.57	46.54 4.40 -6.35	54.53 5.17 -7.29	52.17 4.95 -4.85	42.60 4.22 0.00	39.41 3.97 0.00	37.59 3.23 -3.29	32.29 2.77 -1.80	31.59 2.27 -2.90
GLENWOOD_IC_3_G1 23689	33.05 2.05 -6.53	27.56 1.78 -3.22	24.68 1.72 -1.99	23.19 1.65 -1.92	22.08 1.66 -0.38	23.89 1.71 -1.34	26.13 1.91 -0.93	28.92 2.13 -3.09	32.14 2.37 -5.86	32.39 2.49 -5.51	33.95 2.64 -6.15	39.47 2.76 -10.12	39.28 3.18 -8.44	40.17 3.31 -8.75	43.31 3.70 -8.27	42.17 3.76 -6.57	46.54 4.40 -6.35	54.53 5.17 -7.29	52.17 4.95 -4.85	42.60 4.22 0.00	39.41 3.97 0.00	37.59 3.23 -3.29	32.29 2.77 -1.80	31.59 2.27 -2.90
GLENWOOD___4 23550	33.12 2.13 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.23 1.69 -1.92	22.12 1.70 -0.38	23.93 1.75 -1.34	26.20 1.98 -0.93	29.04 2.25 -3.09	32.19 2.42 -5.86	32.46 2.56 -5.51	34.06 2.74 -6.15	39.57 2.87 -10.12	39.40 3.29 -8.44	40.34 3.49 -8.75	43.38 3.76 -8.27	42.24 3.82 -6.57	46.57 4.44 -6.35	54.57 5.22 -7.29	52.25 5.04 -4.85	42.64 4.26 0.00	39.55 4.11 0.00	37.75 3.39 -3.29	32.32 2.80 -1.80	31.66 2.35 -2.90
GLENWOOD___5 23614	33.12 2.13 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.23 1.69 -1.92	22.12 1.70 -0.38	23.93 1.75 -1.34	26.20 1.98 -0.93	29.04 2.25 -3.09	32.19 2.42 -5.86	32.46 2.56 -5.51	34.06 2.74 -6.15	39.57 2.87 -10.12	39.40 3.29 -8.44	40.34 3.49 -8.75	43.38 3.76 -8.27	42.24 3.82 -6.57	46.57 4.44 -6.35	54.57 5.22 -7.29	52.25 5.04 -4.85	42.64 4.26 0.00	39.55 4.11 0.00	37.75 3.39 -3.29	32.32 2.80 -1.80	31.66 2.35 -2.90
GLOBAL GREEN_PORT_GT1 23814	34.05 3.06 -6.53	28.44 2.66 -3.22	25.50 2.54 -1.99	23.98 2.43 -1.92	22.88 2.46 -0.38	24.70 2.52 -1.34	27.04 2.82 -0.93	29.84 3.06 -3.09	33.12 3.35 -5.86	33.41 3.51 -5.51	35.31 4.00 -6.15	40.93 4.23 -10.12	40.81 4.70 -8.44	41.89 5.03 -8.75	45.39 5.77 -8.28	44.25 5.83 -6.58	48.91 6.76 -6.36	57.36 8.00 -7.30	55.06 7.84 -4.86	44.95 6.56 -0.01	41.18 5.74 0.00	39.14 4.78 -3.29	33.32 3.80 -1.80	32.43 3.12 -2.90
GLOBE___DSASP 323697	22.04 -2.40 0.02	20.02 -2.53 0.02	18.52 -2.43 0.02	17.31 -2.30 0.02	17.69 -2.32 0.02	18.47 -2.36 0.02	20.33 -2.93 0.02	20.83 -2.84 0.02	21.36 -2.54 0.02	21.78 -2.59 0.02	22.95 -2.19 0.02	24.46 -2.10 0.02	25.35 -2.30 0.02	26.14 -1.94 0.02	29.45 -1.88 0.02	29.73 -2.10 0.02	33.18 -2.58 0.02	38.30 -3.74 0.02	38.95 -3.39 0.02	35.40 -2.95 0.02	33.19 -2.23 0.02	29.06 -1.99 0.02	25.87 -1.83 0.02	25.33 -1.08 0.00
GOETHSLN___LBMP 323567	26.17 1.71 0.00	23.96 1.40 0.00	22.36 1.38 0.00	20.98 1.35 0.00	21.40 1.36 0.00	22.22 1.38 0.00	24.87 1.58 0.00	25.60 1.90 0.00	26.02 2.10 0.00	26.63 2.24 0.00	27.54 2.37 -0.02	28.98 2.39 0.00	30.47 2.79 -0.02	33.63 2.95 -2.57	34.78 3.32 -0.11	35.87 3.41 -0.61	41.10 3.97 -1.34	46.74 4.67 0.00	46.76 4.41 0.00	42.21 3.84 0.00	38.91 3.47 0.00	33.87 2.80 0.00	30.05 2.33 0.00	28.21 1.80 0.00
GOLAH___69_KV_TB 1_2 80279	23.97 -0.49 0.00	21.91 -0.65 0.00	20.24 -0.73 0.00	18.90 -0.73 0.00	19.28 -0.76 0.00	20.16 -0.69 0.00	22.36 -0.93 0.00	22.94 -0.76 0.00	23.27 -0.65 0.00	23.83 -0.56 0.00	24.91 -0.25 0.00	26.48 -0.11 0.00	27.50 -0.17 0.00	28.19 0.08 0.00	31.66 0.31 0.00	32.07 0.22 0.00	35.89 0.11 0.00	41.86 -0.21 0.00	42.36 0.00 0.00	38.45 0.08 0.00	35.94 0.50 0.00	31.54 0.47 0.00	28.05 0.33 0.00	26.94 0.53 0.00

GOODYEAR_LAKE_HYD 323669	25.46 1.00 0.00	23.38 0.81 0.00	21.71 0.73 0.00	20.31 0.69 0.00	20.76 0.72 0.00	21.64 0.79 0.00	24.13 0.84 0.00	24.70 1.00 0.00	24.99 1.08 0.00	25.46 1.07 0.00	26.27 1.11 0.00	27.81 1.22 0.00	29.08 1.41 0.00	29.62 1.52 0.00	33.07 1.72 0.00	33.60 1.75 0.00	37.89 2.11 0.00	44.55 2.48 0.00	44.98 2.63 0.00	40.87 2.49 0.00	37.71 2.27 0.00	32.97 1.90 0.00	29.30 1.58 0.00	27.76 1.35 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.53 0.07 0.00	22.52 -0.05 0.00	20.89 -0.08 0.00	19.53 -0.10 0.00	19.96 -0.08 0.00	20.80 -0.04 0.00	23.17 -0.12 0.00	23.68 -0.02 0.00	23.96 0.05 0.00	24.46 0.07 0.00	25.43 0.18 -0.09	27.04 0.27 -0.19	28.19 0.33 -0.20	28.77 0.51 -0.16	32.32 0.66 -0.31	32.73 0.61 -0.27	36.93 0.75 -0.40	43.46 0.72 -0.67	43.99 0.80 -0.83	39.75 0.81 -0.57	36.74 0.85 -0.45	32.20 0.71 -0.41	28.46 0.55 -0.18	27.10 0.53 -0.16
GOUDEY___7 23579	24.56 0.10 0.00	22.54 -0.02 0.00	20.91 -0.06 0.00	19.55 -0.08 0.00	19.98 -0.06 0.00	20.80 -0.04 0.00	23.20 -0.09 0.00	23.70 0.00 0.00	23.99 0.07 0.00	24.49 0.10 0.00	25.46 0.20 -0.09	27.07 0.29 -0.19	28.22 0.36 -0.20	28.80 0.53 -0.16	32.35 0.69 -0.31	32.79 0.67 -0.27	36.97 0.79 -0.40	43.50 0.76 -0.67	44.07 0.89 -0.83	39.79 0.84 -0.57	36.77 0.89 -0.45	32.23 0.75 -0.41	28.51 0.61 -0.18	27.13 0.55 -0.16
GOUDEY___8 23580	24.53 0.07 0.00	22.52 -0.05 0.00	20.89 -0.08 0.00	19.53 -0.10 0.00	19.96 -0.08 0.00	20.80 -0.04 0.00	23.17 -0.12 0.00	23.68 -0.02 0.00	23.96 0.05 0.00	24.46 0.07 0.00	25.43 0.18 -0.09	27.04 0.27 -0.19	28.19 0.33 -0.20	28.77 0.51 -0.16	32.32 0.66 -0.31	32.73 0.61 -0.27	36.93 0.75 -0.40	43.46 0.72 -0.67	43.99 0.80 -0.83	39.75 0.81 -0.57	36.74 0.85 -0.45	32.20 0.71 -0.41	28.46 0.55 -0.18	27.10 0.53 -0.16
GOWANUS_GT1_1 24077	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT1_2 24078	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT1_3 24079	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT1_4 24080	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT1_5 24084	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT1_6 24111	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT1_7 24112	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT1_8 24113	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT2_1 24114	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT2_2 24115	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT2_3 24116	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02

GOWANUS_GT2_4 24117	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT2_5 24118	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT2_6 24119	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT2_7 24120	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT2_8 24121	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT3_1 24122	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT3_2 24123	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT3_3 24124	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT3_4 24125	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT3_5 24126	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT3_6 24127	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT3_7 24128	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT3_8 24129	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
GOWANUS_GT4_1 24130	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT4_2 24131	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02

GOWANUS_GT4_3 24132	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT4_4 24133	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT4_5 24134	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT4_6 24135	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT4_7 24136	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GOWANUS_GT4_8 24137	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GREENBSH_115KV_TB3 55895	25.29 0.83 0.00	23.47 0.90 0.00	21.85 0.88 0.00	20.45 0.82 0.00	20.88 0.84 0.00	21.72 0.88 0.00	24.22 0.93 0.00	24.62 0.92 0.00	24.56 0.65 0.00	25.02 0.63 0.00	25.79 0.63 0.00	27.22 0.64 0.00	28.55 0.89 0.00	28.95 0.84 0.00	32.26 0.91 0.00	32.80 0.96 0.00	36.96 1.18 0.00	43.54 1.47 0.00	43.88 1.52 0.00	39.72 1.34 0.00	36.57 1.13 0.00	32.01 0.93 0.00	28.55 0.83 0.00	27.07 0.66 0.00
GREENIDGE_115KV_TB5 80291	24.24 -0.22 0.00	22.18 -0.38 0.00	20.53 -0.44 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.47 -0.38 0.00	22.80 -0.49 0.00	23.42 -0.28 0.00	23.70 -0.22 0.00	24.22 -0.17 0.00	25.24 0.00 -0.08	26.87 0.13 -0.16	27.99 0.17 -0.16	28.66 0.42 -0.13	32.20 0.60 -0.25	32.45 0.38 -0.22	36.64 0.54 -0.32	43.04 0.42 -0.55	43.67 0.64 -0.67	39.53 0.69 -0.46	36.69 0.89 -0.36	32.15 0.75 -0.33	28.56 0.69 -0.15	27.15 0.61 -0.13
GREENIDGE___3 23582	24.24 -0.22 0.00	22.18 -0.38 0.00	20.53 -0.44 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.47 -0.38 0.00	22.80 -0.49 0.00	23.42 -0.28 0.00	23.70 -0.22 0.00	24.22 -0.17 0.00	25.24 0.00 -0.08	26.87 0.13 -0.16	27.99 0.17 -0.16	28.66 0.42 -0.13	32.20 0.60 -0.25	32.45 0.38 -0.22	36.64 0.54 -0.32	43.04 0.42 -0.55	43.67 0.64 -0.67	39.53 0.69 -0.46	36.69 0.89 -0.36	32.15 0.75 -0.33	28.56 0.69 -0.15	27.15 0.61 -0.13
GREENIDGE___4 23583	24.26 -0.20 0.00	22.16 -0.41 0.00	20.51 -0.46 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.45 -0.40 0.00	22.78 -0.51 0.00	23.39 -0.31 0.00	23.70 -0.22 0.00	24.22 -0.17 0.00	25.24 0.00 -0.08	26.90 0.16 -0.16	28.02 0.20 -0.16	28.69 0.45 -0.13	32.19 0.59 -0.25	32.48 0.41 -0.22	36.61 0.50 -0.32	42.91 0.30 -0.55	43.67 0.64 -0.67	39.53 0.69 -0.46	36.69 0.89 -0.36	32.34 0.93 -0.33	28.64 0.78 -0.15	27.15 0.61 -0.13
GREENLWN_69_KV_BK 3 55738	33.00 2.01 -6.53	27.50 1.71 -3.22	24.64 1.68 -1.99	23.15 1.61 -1.92	22.06 1.64 -0.38	23.85 1.67 -1.34	26.11 1.89 -0.93	28.94 2.16 -3.09	32.07 2.30 -5.86	32.34 2.44 -5.51	33.70 2.39 -6.15	39.20 2.50 -10.12	39.01 2.90 -8.44	39.95 3.09 -8.75	43.12 3.51 -8.26	42.04 3.63 -6.56	46.32 4.19 -6.35	54.32 4.96 -7.28	51.99 4.79 -4.85	42.40 4.03 0.00	39.09 3.65 0.00	37.34 2.98 -3.29	32.04 2.52 -1.80	31.40 2.09 -2.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02
GRISSOM___SOLAR 323813	27.10 2.64 0.00	24.93 2.37 0.00	22.96 1.99 0.00	21.43 1.80 0.00	21.98 1.94 0.00	22.93 2.08 0.00	25.67 2.38 0.00	25.95 2.25 0.00	26.31 2.39 0.00	26.71 2.32 0.00	27.45 2.29 0.00	29.06 2.47 0.00	30.57 2.90 0.00	31.11 3.01 0.00	34.80 3.45 0.00	35.57 3.72 0.00	40.15 4.36 0.00	47.58 5.51 0.00	48.67 6.31 0.00	43.94 5.56 0.00	40.47 5.03 0.00	35.39 4.32 0.00	31.35 3.63 0.00	29.64 3.22 0.00
GROVEVILLE___HYD 323602	26.19 1.74 0.00	24.03 1.47 0.00	22.42 1.45 0.00	21.02 1.39 0.00	21.44 1.40 0.00	22.31 1.46 0.00	24.92 1.63 0.00	25.41 1.71 0.00	25.76 1.84 0.00	26.29 1.90 0.00	27.15 1.99 0.00	28.58 1.99 0.00	30.04 2.38 0.00	30.66 2.56 0.00	34.26 2.92 0.00	34.84 2.99 0.00	39.22 3.44 0.00	46.19 4.12 0.00	46.38 4.02 0.00	41.83 3.45 0.00	38.56 3.12 0.00	33.59 2.52 0.00	29.86 2.13 0.00	28.18 1.77 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.36 -0.10 0.00	22.41 -0.16 0.00	20.80 -0.17 0.00	19.43 -0.20 0.00	19.86 -0.18 0.00	20.68 -0.17 0.00	23.08 -0.21 0.00	23.56 -0.14 0.00	23.77 -0.14 0.00	24.29 -0.10 0.00	25.36 -0.05 -0.25	27.08 0.03 -0.47	28.25 0.06 -0.53	28.71 0.17 -0.43	32.43 0.25 -0.83	32.81 0.22 -0.74	37.13 0.29 -1.07	44.12 0.25 -1.80	44.87 0.30 -2.22	40.21 0.31 -1.52	36.99 0.35 -1.20	32.51 0.34 -1.10	28.46 0.25 -0.48	26.97 0.13 -0.43

HAMLTNNY_34_KV_TB 80303	24.36 -0.10 0.00	22.41 -0.16 0.00	20.78 -0.19 0.00	19.43 -0.20 0.00	19.86 -0.18 0.00	20.68 -0.17 0.00	23.06 -0.23 0.00	23.56 -0.14 0.00	23.80 -0.12 0.00	24.32 -0.07 0.00	25.40 -0.03 -0.26	27.12 0.05 -0.49	28.31 0.11 -0.54	28.77 0.22 -0.44	32.54 0.34 -0.85	32.89 0.29 -0.75	37.27 0.39 -1.09	44.29 0.38 -1.84	45.05 0.42 -2.27	40.36 0.42 -1.56	37.13 0.46 -1.23	32.63 0.44 -1.12	28.55 0.33 -0.50	27.06 0.21 -0.44
HAMPSHIRE___PAPER_HYD 323593	23.67 -0.78 0.00	22.05 -0.52 0.00	20.49 -0.48 0.00	19.14 -0.49 0.00	19.56 -0.48 0.00	20.39 -0.46 0.00	22.80 -0.49 0.00	23.18 -0.52 0.00	23.13 -0.79 0.00	23.39 -1.00 0.00	24.09 -1.16 -0.08	24.34 -1.25 1.00	26.46 -1.38 -0.17	26.79 -1.46 -0.14	29.93 -1.69 -0.27	30.34 -1.75 -0.24	34.24 -1.90 -0.35	40.56 -2.10 -0.60	41.06 -2.03 -0.73	37.34 -1.54 -0.50	34.42 -1.42 -0.40	30.26 -1.18 -0.36	26.83 -1.05 -0.16	25.69 -0.87 -0.14
HARDSCRABBLE_WT_PWR 323673	24.70 0.24 0.00	22.79 0.23 0.00	21.18 0.21 0.00	19.82 0.20 0.00	20.24 0.20 0.00	21.08 0.23 0.00	23.50 0.21 0.00	23.96 0.26 0.00	24.20 0.29 0.00	24.68 0.29 0.00	25.44 0.28 0.00	26.87 0.32 0.04	28.05 0.39 0.00	28.47 0.36 0.00	31.69 0.35 0.00	32.17 0.32 0.00	36.25 0.46 0.00	42.66 0.59 0.00	42.91 0.55 0.00	38.91 0.54 0.00	35.87 0.43 0.00	31.45 0.37 0.00	28.05 0.33 0.00	26.68 0.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.95 1.49 0.00	23.83 1.26 0.00	22.21 1.24 0.00	20.82 1.20 0.00	21.24 1.20 0.00	22.10 1.25 0.00	24.69 1.40 0.00	25.24 1.54 0.00	25.57 1.65 0.00	26.15 1.76 0.00	27.00 1.84 0.00	28.44 1.86 0.00	29.88 2.21 0.00	30.49 2.39 0.00	34.04 2.70 0.00	34.65 2.80 0.00	39.11 3.33 0.00	46.03 3.95 0.00	46.17 3.81 0.00	41.64 3.26 0.00	38.38 2.94 0.00	33.44 2.36 0.00	29.72 2.00 0.00	28.03 1.61 0.00
HARSNRAD_115KV_TB1 81005	23.09 -1.37 0.00	20.99 -1.58 0.00	19.42 -1.55 0.00	18.16 -1.47 0.00	18.54 -1.50 0.00	19.35 -1.50 0.00	21.29 -2.00 0.00	21.83 -1.87 0.00	22.36 -1.55 0.00	22.81 -1.59 0.00	23.98 -1.18 0.00	25.58 -1.01 0.00	26.48 -1.19 0.00	27.26 -0.84 0.00	30.69 -0.66 0.00	30.90 -0.96 0.00	34.50 -1.29 0.00	39.80 -2.27 0.00	40.50 -1.86 0.00	36.84 -1.54 0.00	34.59 -0.85 0.00	30.27 -0.81 0.00	27.00 -0.72 0.00	26.12 -0.29 0.00
HARZA MOOSE___RIVER 24016	24.65 0.20 0.00	22.74 0.18 0.00	21.12 0.15 0.00	19.74 0.12 0.00	20.16 0.12 0.00	21.05 0.21 0.00	23.48 0.19 0.00	23.94 0.24 0.00	24.13 0.22 0.00	24.54 0.15 0.00	25.34 0.10 -0.07	26.54 0.13 0.18	28.03 0.22 -0.15	28.48 0.25 -0.12	31.83 0.25 -0.23	32.28 0.22 -0.21	36.51 0.43 -0.30	43.16 0.59 -0.51	43.70 0.72 -0.62	39.76 0.96 -0.43	36.59 0.82 -0.34	32.10 0.71 -0.31	28.44 0.58 -0.14	27.01 0.48 -0.12
HDSNBRDG_115KV_BRDG_TB1 355580	24.19 -0.27 0.00	22.25 -0.32 0.00	20.66 -0.31 0.00	19.31 -0.31 0.00	19.74 -0.30 0.00	20.55 -0.29 0.00	22.92 -0.37 0.00	23.39 -0.31 0.00	23.63 -0.29 0.00	24.15 -0.24 0.00	25.12 -0.18 -0.14	26.68 -0.13 -0.23	27.87 -0.08 -0.28	28.37 0.03 -0.23	31.86 0.06 -0.45	32.28 0.03 -0.40	36.43 0.07 -0.58	43.00 -0.04 -0.97	43.56 0.00 -1.20	39.24 0.04 -0.83	36.16 0.07 -0.65	31.79 0.12 -0.59	28.04 0.06 -0.26	26.59 -0.05 -0.23
HELLGATE_13_KV_LD 55870	26.32 1.86 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.59 1.54 -0.01	22.33 1.48 0.00	24.97 1.68 0.00	25.67 1.97 0.00	26.09 2.18 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.58 2.90 -0.02	33.82 3.06 -2.65	34.94 3.48 -0.11	36.05 3.57 -0.63	41.24 4.08 -1.38	46.82 4.75 0.00	46.89 4.53 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.24 2.52 0.00	28.42 2.01 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.32 1.86 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.59 1.54 -0.01	22.33 1.48 0.00	24.97 1.68 0.00	25.67 1.97 0.00	26.09 2.18 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.58 2.90 -0.02	33.82 3.06 -2.65	34.94 3.48 -0.11	36.05 3.57 -0.63	41.24 4.08 -1.38	46.82 4.75 0.00	46.89 4.53 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.24 2.52 0.00	28.42 2.01 0.00
HEMPSTEAD____ 23647	33.00 2.01 -6.53	27.52 1.74 -3.22	24.64 1.68 -1.99	23.16 1.61 -1.92	22.04 1.62 -0.38	23.85 1.67 -1.34	26.11 1.89 -0.93	28.87 2.09 -3.09	32.10 2.32 -5.86	32.34 2.44 -5.51	33.90 2.59 -6.15	39.39 2.68 -10.12	39.20 3.10 -8.44	40.12 3.26 -8.75	43.22 3.60 -8.27	42.08 3.66 -6.57	46.43 4.29 -6.35	54.40 5.05 -7.29	52.04 4.83 -4.85	42.48 4.11 0.00	39.30 3.86 0.00	37.53 3.17 -3.29	32.24 2.72 -1.80	31.50 2.19 -2.90
HEWLETT_69_KV_BK3 55828	33.61 2.62 -6.53	28.01 2.23 -3.22	25.10 2.14 -1.99	23.59 2.04 -1.92	22.48 2.06 -0.38	24.29 2.11 -1.34	26.60 2.38 -0.93	29.44 2.65 -3.09	32.62 2.85 -5.86	32.92 3.02 -5.51	34.66 3.35 -6.15	40.24 3.54 -10.12	39.40 3.29 -8.44	40.29 3.43 -8.75	43.50 3.89 -8.27	42.40 3.98 -6.57	46.75 4.62 -6.35	54.83 5.47 -7.29	52.51 5.29 -4.85	42.90 4.53 0.00	39.59 4.15 0.00	37.81 3.45 -3.29	32.40 2.88 -1.80	31.74 2.43 -2.90
HICKLING___1 23621	24.24 -0.22 0.00	22.16 -0.41 0.00	20.51 -0.46 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.43 -0.42 0.00	22.71 -0.58 0.00	23.30 -0.40 0.00	23.63 -0.29 0.00	24.17 -0.22 0.00	25.19 -0.05 -0.08	26.85 0.11 -0.16	27.94 0.11 -0.16	28.63 0.39 -0.13	32.20 0.60 -0.25	32.58 0.51 -0.23	36.79 0.68 -0.33	43.04 0.42 -0.55	43.72 0.68 -0.68	39.57 0.73 -0.47	36.73 0.92 -0.37	32.22 0.81 -0.34	28.54 0.67 -0.15	27.23 0.69 -0.13
HICKLING___2 23622	24.24 -0.22 0.00	22.16 -0.41 0.00	20.51 -0.46 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.43 -0.42 0.00	22.71 -0.58 0.00	23.30 -0.40 0.00	23.63 -0.29 0.00	24.17 -0.22 0.00	25.19 -0.05 -0.08	26.85 0.11 -0.16	27.94 0.11 -0.16	28.63 0.39 -0.13	32.20 0.60 -0.25	32.58 0.51 -0.23	36.79 0.68 -0.33	43.04 0.42 -0.55	43.72 0.68 -0.68	39.57 0.73 -0.47	36.73 0.92 -0.37	32.22 0.81 -0.34	28.54 0.67 -0.15	27.23 0.69 -0.13
HIGH FALLS___HY 23754	26.22 1.76 0.00	23.96 1.40 0.00	22.38 1.41 0.00	20.98 1.35 0.00	21.42 1.38 0.00	22.28 1.44 0.00	24.92 1.63 0.00	25.38 1.68 0.00	25.83 1.91 0.00	26.39 2.00 0.00	27.28 2.11 0.00	28.66 2.07 0.00	30.15 2.49 0.00	30.83 2.73 0.00	34.51 3.17 0.00	35.10 3.25 0.00	39.14 3.36 0.00	46.07 4.00 0.00	46.21 3.85 0.00	41.68 3.30 0.00	38.42 2.98 0.00	33.44 2.36 0.00	29.74 2.02 0.00	28.03 1.61 0.00
HIGH_RIVER___SOLAR 323847	25.63 1.17 0.00	23.60 1.04 0.00	21.89 0.92 0.00	20.49 0.86 0.00	20.94 0.90 0.00	21.80 0.96 0.00	24.34 1.05 0.00	24.72 1.02 0.00	24.92 1.00 0.00	25.39 1.00 0.00	26.12 0.96 0.00	27.62 1.04 0.00	28.91 1.24 0.00	29.40 1.29 0.00	32.85 1.50 0.00	33.44 1.59 0.00	37.64 1.86 0.00	44.38 2.31 0.00	45.03 2.67 0.00	40.79 2.42 0.00	37.60 2.16 0.00	32.94 1.86 0.00	29.25 1.52 0.00	27.74 1.32 0.00

HILLBURN___GT 23639	25.97 1.52 0.00	23.85 1.29 0.00	22.23 1.26 0.00	20.84 1.22 0.00	21.26 1.22 0.00	22.10 1.25 0.00	24.71 1.42 0.00	25.26 1.56 0.00	25.68 1.77 0.00	26.24 1.85 0.00	27.13 1.96 0.00	28.58 1.99 0.00	30.04 2.38 0.00	30.61 2.50 0.00	34.20 2.85 0.00	34.75 2.90 0.00	39.25 3.47 0.00	46.20 4.13 0.00	46.30 3.94 0.00	41.71 3.34 0.00	38.45 3.01 0.00	33.50 2.43 0.00	29.80 2.08 0.00	28.05 1.64 0.00
HILLSIDE_115KV_TB1 80332	23.97 -0.49 0.00	21.93 -0.63 0.00	20.32 -0.65 0.00	19.00 -0.63 0.00	19.40 -0.64 0.00	20.24 -0.60 0.00	22.50 -0.79 0.00	23.06 -0.64 0.00	23.39 -0.53 0.00	23.88 -0.51 0.00	24.89 -0.35 -0.08	26.51 -0.24 -0.16	27.58 -0.25 -0.17	28.24 0.00 -0.14	31.77 0.16 -0.26	32.18 0.10 -0.23	36.30 0.18 -0.34	42.52 -0.13 -0.57	43.15 0.08 -0.71	39.01 0.15 -0.49	36.18 0.35 -0.38	31.70 0.28 -0.35	28.07 0.19 -0.15	26.79 0.24 -0.14
HISHELDN_WT_PWR 323625	23.26 -1.20 0.00	21.14 -1.42 0.00	19.57 -1.40 0.00	18.27 -1.35 0.00	18.68 -1.36 0.00	19.45 -1.40 0.00	21.47 -1.82 0.00	21.99 -1.71 0.00	22.50 -1.41 0.00	22.97 -1.42 0.00	24.11 -1.06 0.00	25.73 -0.85 0.00	26.72 -0.94 0.00	27.51 -0.59 0.00	30.82 -0.53 0.00	31.31 -0.54 0.00	34.85 -0.93 0.00	40.22 -1.85 0.00	41.09 -1.27 0.00	37.42 -0.96 0.00	35.02 -0.42 0.00	30.67 -0.40 0.00	27.47 -0.25 0.00	26.34 -0.08 0.00
HOLTSVILLE_IC_1 23690	33.19 2.20 -6.53	27.70 1.92 -3.22	24.81 1.85 -1.99	23.33 1.79 -1.92	22.24 1.82 -0.38	24.04 1.85 -1.34	26.29 2.07 -0.93	29.06 2.28 -3.09	32.24 2.46 -5.86	32.46 2.56 -5.51	34.03 2.72 -6.15	39.47 2.76 -10.12	39.31 3.21 -8.44	40.32 3.46 -8.75	43.57 3.95 -8.28	42.44 4.01 -6.58	46.79 4.65 -6.36	54.88 5.51 -7.30	52.60 5.38 -4.86	43.03 4.64 -0.01	39.62 4.18 0.00	37.78 3.42 -3.29	32.46 2.94 -1.80	31.72 2.40 -2.90
HOLTSVILLE_IC_10 23699	33.32 2.32 -6.53	27.81 2.03 -3.22	24.91 1.95 -1.99	23.41 1.87 -1.92	22.32 1.90 -0.38	24.12 1.94 -1.34	26.41 2.19 -0.93	29.18 2.39 -3.09	32.36 2.58 -5.86	32.61 2.71 -5.51	34.20 2.89 -6.15	39.65 2.95 -10.12	39.51 3.40 -8.44	40.54 3.68 -8.75	43.86 4.23 -8.28	42.72 4.30 -6.58	47.12 4.97 -6.37	55.26 5.89 -7.30	52.98 5.76 -4.87	43.34 4.95 -0.01	39.90 4.47 0.00	38.03 3.67 -3.29	32.63 3.10 -1.80	31.87 2.56 -2.90
HOLTSVILLE_IC_2 23691	33.19 2.20 -6.53	27.70 1.92 -3.22	24.81 1.85 -1.99	23.33 1.79 -1.92	22.24 1.82 -0.38	24.04 1.85 -1.34	26.29 2.07 -0.93	29.06 2.28 -3.09	32.24 2.46 -5.86	32.46 2.56 -5.51	34.03 2.72 -6.15	39.47 2.76 -10.12	39.31 3.21 -8.44	40.32 3.46 -8.75	43.57 3.95 -8.28	42.44 4.01 -6.58	46.79 4.65 -6.36	54.88 5.51 -7.30	52.60 5.38 -4.86	43.03 4.64 -0.01	39.62 4.18 0.00	37.78 3.42 -3.29	32.46 2.94 -1.80	31.72 2.40 -2.90
HOLTSVILLE_IC_3 23692	33.19 2.20 -6.53	27.70 1.92 -3.22	24.81 1.85 -1.99	23.33 1.79 -1.92	22.24 1.82 -0.38	24.04 1.85 -1.34	26.29 2.07 -0.93	29.06 2.28 -3.09	32.24 2.46 -5.86	32.46 2.56 -5.51	34.03 2.72 -6.15	39.47 2.76 -10.12	39.31 3.21 -8.44	40.32 3.46 -8.75	43.57 3.95 -8.28	42.44 4.01 -6.58	46.79 4.65 -6.36	54.88 5.51 -7.30	52.60 5.38 -4.86	43.03 4.64 -0.01	39.62 4.18 0.00	37.78 3.42 -3.29	32.46 2.94 -1.80	31.72 2.40 -2.90
HOLTSVILLE_IC_4 23693	33.19 2.20 -6.53	27.70 1.92 -3.22	24.81 1.85 -1.99	23.33 1.79 -1.92	22.24 1.82 -0.38	24.04 1.85 -1.34	26.29 2.07 -0.93	29.06 2.28 -3.09	32.24 2.46 -5.86	32.46 2.56 -5.51	34.03 2.72 -6.15	39.47 2.76 -10.12	39.31 3.21 -8.44	40.32 3.46 -8.75	43.57 3.95 -8.28	42.44 4.01 -6.58	46.79 4.65 -6.36	54.88 5.51 -7.30	52.60 5.38 -4.86	43.03 4.64 -0.01	39.62 4.18 0.00	37.78 3.42 -3.29	32.46 2.94 -1.80	31.72 2.40 -2.90
HOLTSVILLE_IC_5 23694	33.19 2.20 -6.53	27.70 1.92 -3.22	24.81 1.85 -1.99	23.33 1.79 -1.92	22.24 1.82 -0.38	24.04 1.85 -1.34	26.29 2.07 -0.93	29.06 2.28 -3.09	32.24 2.46 -5.86	32.46 2.56 -5.51	34.03 2.72 -6.15	39.47 2.76 -10.12	39.31 3.21 -8.44	40.32 3.46 -8.75	43.57 3.95 -8.28	42.44 4.01 -6.58	46.79 4.65 -6.36	54.88 5.51 -7.30	52.60 5.38 -4.86	43.03 4.64 -0.01	39.62 4.18 0.00	37.78 3.42 -3.29	32.46 2.94 -1.80	31.72 2.40 -2.90
HOLTSVILLE_IC_6 23695	33.32 2.32 -6.53	27.81 2.03 -3.22	24.91 1.95 -1.99	23.41 1.87 -1.92	22.32 1.90 -0.38	24.12 1.94 -1.34	26.41 2.19 -0.93	29.18 2.39 -3.09	32.36 2.58 -5.86	32.61 2.71 -5.51	34.20 2.89 -6.15	39.65 2.95 -10.12	39.51 3.40 -8.44	40.54 3.68 -8.75	43.86 4.23 -8.28	42.72 4.30 -6.58	47.12 4.97 -6.37	55.26 5.89 -7.30	52.98 5.76 -4.87	43.34 4.95 -0.01	39.90 4.47 0.00	38.03 3.67 -3.29	32.63 3.10 -1.80	31.87 2.56 -2.90
HOLTSVILLE_IC_7 23696	33.32 2.32 -6.53	27.81 2.03 -3.22	24.91 1.95 -1.99	23.41 1.87 -1.92	22.32 1.90 -0.38	24.12 1.94 -1.34	26.41 2.19 -0.93	29.18 2.39 -3.09	32.36 2.58 -5.86	32.61 2.71 -5.51	34.20 2.89 -6.15	39.65 2.95 -10.12	39.51 3.40 -8.44	40.54 3.68 -8.75	43.86 4.23 -8.28	42.72 4.30 -6.58	47.12 4.97 -6.37	55.26 5.89 -7.30	52.98 5.76 -4.87	43.34 4.95 -0.01	39.90 4.47 0.00	38.03 3.67 -3.29	32.63 3.10 -1.80	31.87 2.56 -2.90
HOLTSVILLE_IC_8 23697	33.32 2.32 -6.53	27.81 2.03 -3.22	24.91 1.95 -1.99	23.41 1.87 -1.92	22.32 1.90 -0.38	24.12 1.94 -1.34	26.41 2.19 -0.93	29.18 2.39 -3.09	32.36 2.58 -5.86	32.61 2.71 -5.51	34.20 2.89 -6.15	39.65 2.95 -10.12	39.51 3.40 -8.44	40.54 3.68 -8.75	43.86 4.23 -8.28	42.72 4.30 -6.58	47.12 4.97 -6.37	55.26 5.89 -7.30	52.98 5.76 -4.87	43.34 4.95 -0.01	39.90 4.47 0.00	38.03 3.67 -3.29	32.63 3.10 -1.80	31.87 2.56 -2.90
HOLTSVILLE_IC_9 23698	33.32 2.32 -6.53	27.81 2.03 -3.22	24.91 1.95 -1.99	23.41 1.87 -1.92	22.32 1.90 -0.38	24.12 1.94 -1.34	26.41 2.19 -0.93	29.18 2.39 -3.09	32.36 2.58 -5.86	32.61 2.71 -5.51	34.20 2.89 -6.15	39.65 2.95 -10.12	39.51 3.40 -8.44	40.54 3.68 -8.75	43.86 4.23 -8.28	42.72 4.30 -6.58	47.12 4.97 -6.37	55.26 5.89 -7.30	52.98 5.76 -4.87	43.34 4.95 -0.01	39.90 4.47 0.00	38.03 3.67 -3.29	32.63 3.10 -1.80	31.87 2.56 -2.90
HOMER_HL_115KV_TB2 355744	23.41 -1.05 0.00	21.28 -1.29 0.00	19.69 -1.28 0.00	18.41 -1.22 0.00	18.82 -1.22 0.00	19.66 -1.19 0.00	21.71 -1.58 0.00	22.21 -1.49 0.00	22.70 -1.22 0.00	23.15 -1.24 0.00	24.31 -0.86 0.00	25.89 -0.69 0.00	26.89 -0.77 0.00	27.77 -0.34 0.00	31.19 -0.16 0.00	31.59 -0.25 0.00	35.39 -0.39 0.00	40.94 -1.14 0.00	41.64 -0.72 0.00	37.80 -0.58 0.00	35.30 -0.14 0.00	30.89 -0.19 0.00	27.47 -0.25 0.00	26.57 0.16 0.00
HOWARD_WT_PWR 323690	23.82 -0.64 0.00	21.68 -0.88 0.00	20.01 -0.96 0.00	18.65 -0.98 0.00	19.06 -0.98 0.00	19.91 -0.94 0.00	22.13 -1.16 0.00	22.73 -0.97 0.00	23.17 -0.74 0.00	23.71 -0.68 0.00	24.77 -0.45 -0.06	26.43 -0.27 -0.11	27.50 -0.28 -0.12	28.26 0.06 -0.10	31.69 0.16 -0.18	32.08 0.06 -0.16	35.98 -0.04 -0.24	41.97 -0.50 -0.40	42.90 0.04 -0.49	38.99 0.27 -0.34	36.31 0.60 -0.27	31.85 0.53 -0.24	28.35 0.53 -0.11	27.01 0.50 -0.10

HQ_GEN_CEDARS 23644	23.75 -0.71 0.00	22.32 -0.25 0.00	20.74 -0.23 0.00	19.39 -0.24 0.00	19.82 -0.22 0.00	20.57 -0.27 0.00	23.03 -0.26 0.00	23.06 -0.64 0.00	23.22 -0.69 0.00	23.54 -0.85 0.00	24.18 -0.98 0.00	23.08 -1.09 2.41	26.31 -1.36 0.00	26.62 -1.49 0.00	29.59 -1.76 0.00	30.06 -1.78 0.00	33.67 -2.11 0.00	39.67 -2.40 0.00	39.86 -2.50 0.00	36.23 -2.15 0.00	33.53 -1.91 0.00	29.40 -1.68 0.00	26.33 -1.39 0.00	25.33 -1.08 0.00
HQ_GEN_CEDARS_PROXY 323590	23.75 -0.71 0.00	22.32 -0.25 0.00	20.74 -0.23 0.00	19.41 -0.22 0.00	19.82 -0.22 0.00	20.57 -0.27 0.00	23.08 -0.21 0.00	23.35 -0.35 0.00	23.22 -0.69 0.00	23.54 -0.85 0.00	24.18 -0.98 0.00	23.08 -1.09 2.41	26.25 -1.41 0.00	26.61 -1.49 0.00	29.59 -1.75 0.00	30.03 -1.81 0.00	33.67 -2.11 0.00	39.67 -2.40 0.00	39.86 -2.50 0.00	36.23 -2.15 0.00	33.52 -1.91 0.00	29.40 -1.68 0.00	26.25 -1.47 0.00	25.33 -1.08 0.00
HQ_GEN_IMPORT 323601	24.14 -0.32 0.00	22.34 -0.23 0.00	20.74 -0.23 0.00	19.41 -0.22 0.00	19.82 -0.22 0.00	20.60 -0.25 0.00	23.08 -0.21 0.00	23.46 -0.24 0.00	23.60 -0.31 0.00	24.05 -0.34 0.00	24.79 -0.38 0.00	26.24 -0.43 -0.08	27.00 -0.66 0.00	27.37 -0.73 0.00	30.50 -0.84 0.00	30.96 -0.89 0.00	31.51 -1.11 3.16	31.51 -1.26 9.30	31.51 -1.31 9.54	31.51 -1.15 5.72	31.51 -1.06 2.87	30.20 -0.87 0.00	27.00 -0.72 0.00	25.94 -0.47 0.00
HQ_GEN_WHEEL 23651	24.14 -0.32 0.00	22.34 -0.23 0.00	20.74 -0.23 0.00	19.41 -0.22 0.00	19.82 -0.22 0.00	20.60 -0.25 0.00	23.08 -0.21 0.00	23.46 -0.24 0.00	23.60 -0.31 0.00	24.05 -0.34 0.00	24.79 -0.38 0.00	26.24 -0.43 -0.08	27.00 -0.66 0.00	27.37 -0.73 0.00	30.50 -0.84 0.00	30.96 -0.89 0.00	31.51 -1.11 3.16	31.51 -1.26 9.30	31.51 -1.31 9.54	31.51 -1.15 5.72	31.51 -1.06 2.87	30.20 -0.87 0.00	27.00 -0.72 0.00	25.94 -0.47 0.00
HUDSON AVE_GT_3 23810	26.27 1.81 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.31 1.46 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.09 2.18 0.00	26.73 2.34 0.00	27.62 2.44 -0.02	29.11 2.53 0.00	30.58 2.90 -0.02	33.77 3.09 -2.57	34.91 3.45 -0.11	36.03 3.57 -0.61	41.24 4.11 -1.34	46.91 4.84 0.00	46.98 4.62 0.00	42.37 3.99 0.00	39.05 3.61 0.00	34.00 2.92 0.00	30.16 2.44 0.00	28.37 1.95 0.00
HUDSON AVE_GT_4 23540	26.27 1.81 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.31 1.46 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.09 2.18 0.00	26.73 2.34 0.00	27.62 2.44 -0.02	29.11 2.53 0.00	30.58 2.90 -0.02	33.77 3.09 -2.57	34.91 3.45 -0.11	36.03 3.57 -0.61	41.24 4.11 -1.34	46.91 4.84 0.00	46.98 4.62 0.00	42.37 3.99 0.00	39.05 3.61 0.00	34.00 2.92 0.00	30.16 2.44 0.00	28.37 1.95 0.00
HUDSON AVE_GT_5 23657	26.27 1.81 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.31 1.46 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.09 2.18 0.00	26.73 2.34 0.00	27.62 2.44 -0.02	29.11 2.53 0.00	30.58 2.90 -0.02	33.77 3.09 -2.57	34.91 3.45 -0.11	36.03 3.57 -0.61	41.24 4.11 -1.34	46.91 4.84 0.00	46.98 4.62 0.00	42.37 3.99 0.00	39.05 3.61 0.00	34.00 2.92 0.00	30.16 2.44 0.00	28.37 1.95 0.00
HUDSON_AVE_10 24168	26.22 1.76 0.00	24.03 1.47 0.00	22.40 1.43 0.00	21.02 1.39 0.00	21.44 1.40 0.00	22.26 1.42 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.07 2.15 0.00	26.71 2.32 0.00	27.60 2.42 -0.02	29.08 2.50 0.00	30.56 2.88 -0.02	33.74 3.06 -2.57	34.88 3.42 -0.11	36.00 3.54 -0.61	41.24 4.11 -1.34	46.87 4.80 0.00	46.93 4.57 0.00	42.33 3.95 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.13 2.41 0.00	28.32 1.90 0.00
HUDSON___115KV_TB 4 355613	25.73 1.27 0.00	23.85 1.29 0.00	22.17 1.20 0.00	20.76 1.14 0.00	21.18 1.14 0.00	22.08 1.23 0.00	24.62 1.33 0.00	24.91 1.21 0.00	24.82 0.91 0.00	25.24 0.85 0.00	25.94 0.78 0.00	27.38 0.80 0.00	28.72 1.05 0.00	29.17 1.07 0.00	32.54 1.19 0.00	33.09 1.24 0.00	37.36 1.57 0.00	44.17 2.10 0.00	44.73 2.37 0.00	40.49 2.11 0.00	37.32 1.88 0.00	32.66 1.58 0.00	29.13 1.41 0.00	27.60 1.19 0.00
HUNTER MOUNT___DRP 323613	25.83 1.37 0.00	23.96 1.40 0.00	22.27 1.30 0.00	20.84 1.22 0.00	21.28 1.24 0.00	22.18 1.33 0.00	24.76 1.47 0.00	24.93 1.23 0.00	24.78 0.86 0.00	25.17 0.78 0.00	25.87 0.70 0.00	27.25 0.66 0.00	28.58 0.91 0.00	29.03 0.93 0.00	32.41 1.07 0.00	32.96 1.11 0.00	37.21 1.43 0.00	44.05 1.98 0.00	44.73 2.37 0.00	40.49 2.11 0.00	37.32 1.88 0.00	32.72 1.65 0.00	29.19 1.47 0.00	27.71 1.29 0.00
HUNTINGTON_RES_REC 323705	33.12 2.13 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.25 1.71 -1.92	22.14 1.72 -0.38	23.95 1.77 -1.34	26.20 1.98 -0.93	28.99 2.20 -3.09	32.17 2.39 -5.86	32.41 2.51 -5.51	33.83 2.52 -6.15	39.31 2.61 -10.12	39.15 3.04 -8.44	40.15 3.29 -8.75	43.44 3.79 -8.30	42.30 3.85 -6.60	46.65 4.47 -6.39	54.70 5.30 -7.32	52.37 5.12 -4.89	42.79 4.37 -0.04	39.37 3.93 0.00	37.56 3.20 -3.29	32.27 2.74 -1.80	31.56 2.24 -2.90
HUNTLEY___63 23557	23.07 -1.39 -0.01	20.95 -1.62 -0.01	19.39 -1.59 -0.01	18.13 -1.51 -0.01	18.51 -1.54 -0.01	19.34 -1.52 -0.01	21.27 -2.03 -0.01	21.82 -1.90 -0.01	22.40 -1.53 -0.01	22.84 -1.56 -0.01	24.07 -1.11 -0.01	25.66 -0.93 -0.01	26.60 -1.08 -0.01	27.47 -0.65 -0.01	30.92 -0.44 -0.01	31.16 -0.70 -0.01	34.79 -1.00 -0.01	40.10 -1.98 -0.01	40.80 -1.57 -0.01	37.08 -1.30 -0.01	34.78 -0.67 -0.01	30.43 -0.65 -0.01	27.12 -0.61 -0.01	26.31 -0.11 0.00
HUNTLEY___64 23558	23.07 -1.39 -0.01	20.95 -1.62 -0.01	19.39 -1.59 -0.01	18.13 -1.51 -0.01	18.51 -1.54 -0.01	19.34 -1.52 -0.01	21.27 -2.03 -0.01	21.82 -1.90 -0.01	22.40 -1.53 -0.01	22.84 -1.56 -0.01	24.07 -1.11 -0.01	25.66 -0.93 -0.01	26.60 -1.08 -0.01	27.47 -0.65 -0.01	30.92 -0.44 -0.01	31.16 -0.70 -0.01	34.79 -1.00 -0.01	40.10 -1.98 -0.01	40.80 -1.57 -0.01	37.08 -1.30 -0.01	34.78 -0.67 -0.01	30.43 -0.65 -0.01	27.12 -0.61 -0.01	26.31 -0.11 0.00
HUNTLEY___65 23559	23.07 -1.39 -0.01	20.95 -1.62 -0.01	19.39 -1.59 -0.01	18.13 -1.51 -0.01	18.51 -1.54 -0.01	19.34 -1.52 -0.01	21.27 -2.03 -0.01	21.82 -1.90 -0.01	22.40 -1.53 -0.01	22.84 -1.56 -0.01	24.07 -1.11 -0.01	25.66 -0.93 -0.01	26.60 -1.08 -0.01	27.47 -0.65 -0.01	30.92 -0.44 -0.01	31.16 -0.70 -0.01	34.79 -1.00 -0.01	40.10 -1.98 -0.01	40.80 -1.57 -0.01	37.08 -1.30 -0.01	34.78 -0.67 -0.01	30.43 -0.65 -0.01	27.12 -0.61 -0.01	26.31 -0.11 0.00
HUNTLEY___66 23560	23.07 -1.39 -0.01	20.95 -1.62 -0.01	19.39 -1.59 -0.01	18.13 -1.51 -0.01	18.51 -1.54 -0.01	19.34 -1.52 -0.01	21.27 -2.03 -0.01	21.82 -1.90 -0.01	22.40 -1.53 -0.01	22.84 -1.56 -0.01	24.07 -1.11 -0.01	25.66 -0.93 -0.01	26.60 -1.08 -0.01	27.47 -0.65 -0.01	30.92 -0.44 -0.01	31.16 -0.70 -0.01	34.79 -1.00 -0.01	40.10 -1.98 -0.01	40.80 -1.57 -0.01	37.08 -1.30 -0.01	34.78 -0.67 -0.01	30.43 -0.65 -0.01	27.12 -0.61 -0.01	26.31 -0.11 0.00

HUNTLEY___67 23561	22.99 -1.47 0.00	20.92 -1.65 0.00	19.36 -1.61 0.00	18.10 -1.53 0.00	18.48 -1.56 0.00	19.28 -1.56 0.00	21.22 -2.07 0.00	21.73 -1.97 0.00	22.27 -1.65 0.00	22.71 -1.68 0.00	23.88 -1.28 0.00	25.44 -1.14 0.00	26.34 -1.33 0.00	27.12 -0.98 0.00	30.53 -0.82 0.00	30.86 -0.99 0.00	34.46 -1.32 0.00	39.80 -2.27 0.00	40.45 -1.91 0.00	36.80 -1.57 0.00	34.52 -0.92 0.00	30.24 -0.84 0.00	26.97 -0.75 0.00	26.10 -0.32 0.00
HUNTLEY___68 23562	22.99 -1.47 0.00	20.92 -1.65 0.00	19.36 -1.61 0.00	18.10 -1.53 0.00	18.48 -1.56 0.00	19.28 -1.56 0.00	21.22 -2.07 0.00	21.73 -1.97 0.00	22.27 -1.65 0.00	22.71 -1.68 0.00	23.88 -1.28 0.00	25.44 -1.14 0.00	26.34 -1.33 0.00	27.12 -0.98 0.00	30.53 -0.82 0.00	30.86 -0.99 0.00	34.46 -1.32 0.00	39.80 -2.27 0.00	40.45 -1.91 0.00	36.80 -1.57 0.00	34.52 -0.92 0.00	30.24 -0.84 0.00	26.97 -0.75 0.00	26.10 -0.32 0.00
HYLAND___LFGE 323620	24.80 0.34 0.00	22.56 0.00 0.00	20.85 -0.13 0.00	19.45 -0.18 0.00	19.86 -0.18 0.00	20.78 -0.06 0.00	23.01 -0.28 0.00	23.35 -0.35 0.00	23.34 -0.57 0.00	23.59 -0.80 0.00	24.46 -0.70 0.00	26.24 -0.35 0.00	27.22 -0.44 0.00	27.91 -0.20 0.00	31.22 -0.12 0.00	31.88 0.03 0.00	35.92 0.14 0.00	42.37 0.30 0.00	43.75 1.40 0.00	40.26 1.88 0.00	37.85 2.41 0.00	33.41 2.33 0.00	29.63 1.91 0.00	28.03 1.61 0.00
INDECK___CORINTH 23802	25.44 0.98 0.00	23.51 0.95 0.00	21.77 0.80 0.00	20.33 0.71 0.00	20.80 0.76 0.00	21.68 0.83 0.00	24.25 0.96 0.00	24.55 0.85 0.00	24.85 0.93 0.00	25.34 0.95 0.00	25.89 0.73 0.00	27.38 0.80 0.00	28.69 1.02 0.00	29.03 0.93 0.00	32.38 1.03 0.00	32.96 1.11 0.00	37.14 1.36 0.00	43.97 1.89 0.00	44.86 2.50 0.00	40.52 2.15 0.00	37.46 2.02 0.00	32.81 1.74 0.00	29.13 1.41 0.00	27.63 1.22 0.00
INDECK___ILION 23567	24.70 0.24 0.00	22.79 0.23 0.00	21.18 0.21 0.00	19.82 0.20 0.00	20.24 0.20 0.00	21.08 0.23 0.00	23.50 0.21 0.00	23.96 0.26 0.00	24.18 0.26 0.00	24.66 0.27 0.00	25.42 0.25 0.00	26.84 0.29 0.04	28.02 0.36 0.00	28.47 0.37 0.00	31.76 0.41 0.00	32.26 0.41 0.00	36.32 0.54 0.00	42.74 0.67 0.00	43.04 0.68 0.00	39.03 0.65 0.00	36.01 0.57 0.00	31.54 0.47 0.00	28.11 0.39 0.00	26.73 0.32 0.00
INDECK___OLEAN 23982	23.41 -1.05 0.00	21.28 -1.29 0.00	19.69 -1.28 0.00	18.41 -1.22 0.00	18.82 -1.22 0.00	19.64 -1.21 0.00	21.71 -1.58 0.00	22.18 -1.52 0.00	22.70 -1.22 0.00	23.15 -1.24 0.00	24.31 -0.86 0.00	25.95 -0.64 0.00	26.97 -0.69 0.00	27.85 -0.25 0.00	31.19 -0.16 0.00	31.66 -0.19 0.00	35.32 -0.47 0.00	40.81 -1.26 0.00	41.64 -0.72 0.00	37.80 -0.57 0.00	35.30 -0.14 0.00	30.92 -0.15 0.00	27.64 -0.08 0.00	26.57 0.16 0.00
INDECK___OSWEGO 23783	23.90 -0.56 0.00	22.00 -0.56 0.00	20.43 -0.55 0.00	19.10 -0.53 0.00	19.52 -0.52 0.00	20.33 -0.52 0.00	22.66 -0.63 0.00	23.06 -0.64 0.00	23.27 -0.64 0.00	23.76 -0.63 0.00	25.19 -0.58 -0.60	27.17 -0.56 -1.15	28.40 -0.53 -1.26	28.69 -0.45 -1.04	32.83 -0.50 -1.98	33.10 -0.51 -1.76	37.80 -0.54 -2.55	45.66 -0.72 -4.30	47.03 -0.63 -5.30	41.52 -0.50 -3.64	37.89 -0.42 -2.87	33.33 -0.37 -2.62	28.55 -0.33 -1.16	26.99 -0.45 -1.02
INDECK___YERKES 23781	23.10 -1.37 -0.01	20.95 -1.62 -0.01	19.39 -1.59 -0.01	18.15 -1.49 -0.01	18.53 -1.52 -0.01	19.34 -1.52 -0.01	21.27 -2.03 -0.01	21.84 -1.87 -0.01	22.40 -1.53 -0.01	22.84 -1.56 -0.01	24.09 -1.08 -0.01	25.74 -0.85 -0.01	26.73 -0.94 -0.01	27.61 -0.51 -0.01	30.92 -0.44 -0.01	31.35 -0.51 -0.01	34.79 -1.00 -0.01	39.94 -2.14 -0.01	40.89 -1.48 -0.01	37.16 -1.23 -0.01	34.81 -0.64 -0.01	30.49 -0.59 -0.01	27.34 -0.39 -0.01	26.34 -0.08 0.00
INDIAN POINT_GT_1 24139	25.97 1.52 0.00	23.85 1.29 0.00	22.25 1.28 0.00	20.86 1.24 0.00	21.28 1.24 0.00	22.12 1.27 0.00	24.73 1.44 0.00	25.36 1.66 0.00	25.71 1.79 0.00	26.29 1.90 0.00	27.15 1.99 0.00	28.63 2.05 0.00	30.07 2.41 0.00	30.66 2.56 0.00	34.23 2.88 0.00	34.81 2.96 0.00	39.25 3.47 0.00	46.19 4.12 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.53 2.45 0.00	29.77 2.05 0.00	28.08 1.66 0.00
INDIAN POINT_GT_2 23659	25.97 1.52 0.00	23.85 1.29 0.00	22.25 1.28 0.00	20.86 1.24 0.00	21.28 1.24 0.00	22.12 1.27 0.00	24.73 1.44 0.00	25.36 1.66 0.00	25.71 1.79 0.00	26.29 1.90 0.00	27.15 1.99 0.00	28.63 2.05 0.00	30.07 2.41 0.00	30.66 2.56 0.00	34.23 2.88 0.00	34.81 2.96 0.00	39.25 3.47 0.00	46.19 4.12 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.53 2.45 0.00	29.77 2.05 0.00	28.08 1.66 0.00
INDIAN POINT_GT_3 24019	25.97 1.52 0.00	23.85 1.29 0.00	22.25 1.28 0.00	20.86 1.24 0.00	21.28 1.24 0.00	22.12 1.27 0.00	24.73 1.44 0.00	25.36 1.66 0.00	25.71 1.79 0.00	26.29 1.90 0.00	27.15 1.99 0.00	28.63 2.05 0.00	30.07 2.41 0.00	30.66 2.56 0.00	34.23 2.88 0.00	34.81 2.96 0.00	39.25 3.47 0.00	46.19 4.12 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.53 2.45 0.00	29.77 2.05 0.00	28.08 1.66 0.00
INDIAN POINT___2 23530	25.95 1.49 0.00	23.85 1.29 0.00	22.21 1.24 0.00	20.84 1.22 0.00	21.26 1.22 0.00	22.10 1.25 0.00	24.69 1.40 0.00	25.29 1.59 0.00	25.68 1.77 0.00	26.27 1.88 0.00	27.13 1.96 0.00	28.58 1.99 0.00	30.04 2.38 0.00	30.61 2.50 0.00	34.17 2.82 0.00	34.75 2.90 0.00	39.22 3.44 0.00	46.15 4.08 0.00	46.25 3.89 0.00	41.71 3.34 0.00	38.45 3.01 0.00	33.47 2.39 0.00	29.77 2.05 0.00	28.03 1.61 0.00
INDIAN POINT___3 23531	25.95 1.49 0.00	23.83 1.26 0.00	22.23 1.26 0.00	20.84 1.22 0.00	21.26 1.22 0.00	22.10 1.25 0.00	24.71 1.42 0.00	25.34 1.64 0.00	25.66 1.75 0.00	26.24 1.85 0.00	27.10 1.94 0.00	28.58 1.99 0.00	30.02 2.35 0.00	30.61 2.50 0.00	34.17 2.82 0.00	34.75 2.90 0.00	39.18 3.40 0.00	46.11 4.04 0.00	46.21 3.85 0.00	41.68 3.30 0.00	38.42 2.98 0.00	33.50 2.42 0.00	29.72 2.00 0.00	28.03 1.61 0.00
INGHAM_C_115KV_TB7 356103	24.75 0.29 0.00	22.83 0.27 0.00	21.22 0.25 0.00	19.84 0.22 0.00	20.26 0.22 0.00	21.12 0.27 0.00	23.55 0.26 0.00	24.01 0.31 0.00	24.23 0.31 0.00	24.71 0.32 0.00	25.47 0.30 0.00	26.89 0.35 0.04	28.08 0.41 0.00	28.50 0.39 0.00	31.76 0.41 0.00	32.23 0.38 0.00	36.32 0.54 0.00	42.74 0.67 0.00	43.04 0.68 0.00	39.03 0.65 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.11 0.39 0.00	26.76 0.34 0.00
IP CORINTH___1 23988	25.58 1.13 0.00	23.62 1.06 0.00	21.87 0.90 0.00	20.43 0.80 0.00	20.90 0.86 0.00	21.78 0.94 0.00	24.36 1.07 0.00	24.72 1.02 0.00	24.97 1.05 0.00	25.46 1.07 0.00	26.02 0.86 0.00	27.51 0.93 0.00	28.83 1.16 0.00	29.20 1.10 0.00	32.57 1.22 0.00	33.15 1.31 0.00	37.36 1.57 0.00	44.09 2.02 0.00	45.07 2.71 0.00	40.75 2.38 0.00	37.67 2.23 0.00	33.00 1.93 0.00	29.25 1.52 0.00	27.79 1.37 0.00

IP___TICONDEROGA 23804	26.81 2.35 0.00	24.80 2.23 0.00	22.86 1.89 0.00	21.31 1.69 0.00	21.82 1.78 0.00	22.78 1.94 0.00	25.50 2.21 0.00	25.81 2.11 0.00	26.12 2.20 0.00	26.63 2.24 0.00	27.25 2.09 0.00	28.92 2.34 0.00	30.32 2.66 0.00	30.75 2.64 0.00	34.33 2.98 0.00	34.91 3.06 0.00	39.32 3.54 0.00	46.57 4.50 0.00	47.78 5.42 0.00	43.13 4.76 0.00	39.87 4.43 0.00	34.99 3.92 0.00	30.91 3.19 0.00	29.35 2.93 0.00
ISLIP_RES_REC 323679	33.44 2.45 -6.53	27.90 2.12 -3.22	25.00 2.03 -1.99	23.51 1.96 -1.92	22.40 1.98 -0.38	24.23 2.04 -1.34	26.50 2.28 -0.93	29.30 2.51 -3.09	32.48 2.70 -5.86	32.75 2.85 -5.51	34.38 3.07 -6.15	39.86 3.16 -10.12	39.76 3.65 -8.44	40.79 3.93 -8.75	44.14 4.52 -8.28	43.01 4.59 -6.58	47.44 5.29 -6.36	55.64 6.27 -7.30	53.32 6.10 -4.86	43.64 5.26 -0.01	40.15 4.71 0.00	38.28 3.92 -3.29	32.82 3.30 -1.80	32.03 2.72 -2.90
JAMAICA__27_KV_LOAD 355505	26.37 1.91 0.00	24.14 1.58 0.00	22.50 1.53 0.00	21.14 1.51 0.00	21.56 1.52 0.00	22.37 1.52 0.00	25.11 1.82 0.00	25.86 2.16 0.00	26.31 2.39 0.00	26.93 2.54 0.00	27.85 2.67 -0.02	29.35 2.76 0.00	30.86 3.18 -0.02	34.17 3.43 -2.63	35.16 3.70 -0.11	36.35 3.89 -0.61	41.74 4.62 -1.34	47.29 5.22 0.00	47.36 5.00 0.00	42.71 4.34 0.00	39.41 3.97 0.00	34.21 3.14 0.00	30.41 2.69 0.00	28.53 2.11 0.00
JANIS___SOLAR 323808	25.39 0.93 0.00	23.26 0.70 0.00	21.56 0.59 0.00	20.12 0.49 0.00	20.56 0.52 0.00	21.49 0.65 0.00	23.92 0.63 0.00	24.46 0.76 0.00	24.61 0.69 0.00	25.00 0.61 0.00	25.83 0.55 -0.11	27.48 0.66 -0.23	28.68 0.77 -0.24	29.23 0.93 -0.20	32.76 1.03 -0.38	33.30 1.11 -0.34	37.84 1.57 -0.49	44.83 1.94 -0.82	45.70 2.33 -1.01	41.60 2.53 -0.69	38.40 2.41 -0.55	33.69 2.11 -0.50	29.74 1.80 -0.22	28.11 1.50 -0.20
JARVIS____ 23743	24.61 0.15 0.00	22.70 0.14 0.00	21.10 0.13 0.00	19.75 0.12 0.00	20.16 0.12 0.00	20.97 0.13 0.00	23.41 0.12 0.00	23.84 0.14 0.00	24.06 0.14 0.00	24.54 0.15 0.00	25.32 0.15 0.00	26.71 0.16 0.04	27.91 0.25 0.00	28.36 0.25 0.00	31.63 0.28 0.00	32.13 0.29 0.00	36.18 0.39 0.00	42.53 0.46 0.00	42.83 0.47 0.00	38.80 0.42 0.00	35.79 0.35 0.00	31.39 0.31 0.00	27.97 0.25 0.00	26.60 0.19 0.00
JENNISON___1 23625	25.56 1.10 0.00	23.44 0.88 0.00	21.75 0.78 0.00	20.29 0.67 0.00	20.74 0.70 0.00	21.66 0.81 0.00	24.11 0.82 0.00	24.74 1.04 0.00	24.99 1.08 0.00	25.41 1.02 0.00	26.28 1.03 -0.08	27.94 1.20 -0.16	29.19 1.36 -0.17	29.76 1.52 -0.14	33.31 1.69 -0.27	33.81 1.72 -0.24	38.34 2.22 -0.34	45.26 2.61 -0.58	45.91 2.84 -0.71	41.71 2.84 -0.49	38.45 2.62 -0.39	33.67 2.24 -0.35	29.76 1.89 -0.16	28.22 1.66 -0.14
JENNISON___2 23626	25.56 1.10 0.00	23.44 0.88 0.00	21.75 0.78 0.00	20.29 0.67 0.00	20.74 0.70 0.00	21.66 0.81 0.00	24.11 0.82 0.00	24.74 1.04 0.00	24.99 1.08 0.00	25.41 1.02 0.00	26.28 1.03 -0.08	27.94 1.20 -0.16	29.19 1.36 -0.17	29.76 1.52 -0.14	33.31 1.69 -0.27	33.81 1.72 -0.24	38.34 2.22 -0.34	45.26 2.61 -0.58	45.91 2.84 -0.71	41.71 2.84 -0.49	38.45 2.62 -0.39	33.67 2.24 -0.35	29.76 1.89 -0.16	28.22 1.66 -0.14
JERICHO_RISE_WT_PWR 323719	23.99 -0.47 0.00	22.23 -0.34 0.00	20.64 -0.34 0.00	19.27 -0.35 0.00	19.66 -0.38 0.00	20.39 -0.46 0.00	22.82 -0.47 0.00	23.18 -0.52 0.00	23.32 -0.60 0.00	23.68 -0.71 0.00	24.38 -0.78 0.00	25.54 -0.88 0.17	26.45 -1.22 0.00	26.76 -1.35 0.00	29.69 -1.66 0.00	30.10 -1.75 0.00	33.71 -2.08 0.00	39.72 -2.36 0.00	39.90 -2.46 0.00	36.15 -2.23 0.00	33.42 -2.02 0.00	29.21 -1.86 0.00	26.03 -1.69 0.00	25.07 -1.35 0.00
KATONAH___115KV_46KV_TB4 355592	26.15 1.69 0.00	23.99 1.42 0.00	22.36 1.38 0.00	20.96 1.33 0.00	21.40 1.36 0.00	22.24 1.40 0.00	24.87 1.58 0.00	25.53 1.82 0.00	25.88 1.96 0.00	26.44 2.05 0.00	27.33 2.16 0.00	28.79 2.21 0.00	30.29 2.63 0.00	30.86 2.75 0.00	34.51 3.17 0.00	35.06 3.22 0.00	39.54 3.76 0.00	46.57 4.50 0.00	46.68 4.32 0.00	42.10 3.72 0.00	38.77 3.33 0.00	33.75 2.67 0.00	29.94 2.22 0.00	28.26 1.85 0.00
KCE_NY_1 323755	25.75 1.30 0.00	23.78 1.22 0.00	22.04 1.07 0.00	20.63 1.00 0.00	21.08 1.04 0.00	21.95 1.10 0.00	24.50 1.21 0.00	24.86 1.16 0.00	25.11 1.20 0.00	25.58 1.19 0.00	26.30 1.13 0.00	27.81 1.22 0.00	29.16 1.49 0.00	29.57 1.46 0.00	33.01 1.66 0.00	33.57 1.72 0.00	37.82 2.04 0.00	44.68 2.61 0.00	45.24 2.88 0.00	40.91 2.53 0.00	37.74 2.30 0.00	33.07 1.99 0.00	29.38 1.66 0.00	27.87 1.45 0.00
KCE_NY_6_ESR 323823	23.31 -1.15 0.00	21.17 -1.40 0.00	19.59 -1.38 0.00	18.31 -1.31 0.00	18.70 -1.34 0.00	19.51 -1.33 0.00	21.50 -1.79 0.00	22.02 -1.68 0.00	22.58 -1.34 0.00	23.03 -1.37 0.00	24.26 -0.90 0.00	25.92 -0.66 0.00	26.89 -0.77 0.00	27.77 -0.34 0.00	31.10 -0.25 0.00	31.59 -0.26 0.00	35.10 -0.68 0.00	40.31 -1.77 0.00	41.26 -1.10 0.00	37.53 -0.84 0.00	35.12 -0.32 0.00	30.77 -0.31 0.00	27.58 -0.14 0.00	26.52 0.11 0.00
KEDC_PORT_JEFF_GT2 24210	33.24 2.25 -6.53	27.74 1.96 -3.22	24.85 1.89 -1.99	23.37 1.83 -1.92	22.26 1.84 -0.38	24.08 1.90 -1.34	26.34 2.12 -0.93	29.11 2.32 -3.09	32.29 2.51 -5.86	32.53 2.63 -5.51	34.08 2.77 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.67 4.05 -8.28	42.54 4.11 -6.58	46.73 4.58 -6.37	54.76 5.39 -7.30	52.48 5.25 -4.87	43.11 4.72 -0.01	39.69 4.25 0.00	37.84 3.48 -3.29	32.54 3.02 -1.80	31.80 2.48 -2.90
KEDC_PORT_JEFF_GT3 24211	33.24 2.25 -6.53	27.74 1.96 -3.22	24.85 1.89 -1.99	23.37 1.83 -1.92	22.26 1.84 -0.38	24.08 1.90 -1.34	26.34 2.12 -0.93	29.11 2.32 -3.09	32.29 2.51 -5.86	32.53 2.63 -5.51	34.08 2.77 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.67 4.05 -8.28	42.54 4.11 -6.58	46.73 4.58 -6.37	54.76 5.39 -7.30	52.48 5.25 -4.87	43.11 4.72 -0.01	39.69 4.25 0.00	37.84 3.48 -3.29	32.54 3.02 -1.80	31.80 2.48 -2.90
KEDC_GLWD_GT4 24219	33.12 2.13 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.23 1.69 -1.92	22.12 1.70 -0.38	23.93 1.75 -1.34	26.20 1.98 -0.93	28.99 2.20 -3.09	32.22 2.44 -5.86	32.46 2.56 -5.51	34.06 2.74 -6.15	39.57 2.87 -10.12	39.42 3.32 -8.44	40.34 3.48 -8.75	43.28 3.67 -8.27	42.14 3.72 -6.57	46.50 4.36 -6.35	54.49 5.13 -7.29	52.12 4.91 -4.85	42.52 4.15 0.00	39.55 4.11 0.00	37.72 3.36 -3.29	32.38 2.86 -1.80	31.66 2.35 -2.90
KEDC_GLWD_GT5 24220	33.12 2.13 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.23 1.69 -1.92	22.12 1.70 -0.38	23.93 1.75 -1.34	26.20 1.98 -0.93	28.99 2.20 -3.09	32.22 2.44 -5.86	32.46 2.56 -5.51	34.06 2.74 -6.15	39.57 2.87 -10.12	39.42 3.32 -8.44	40.34 3.48 -8.75	43.28 3.67 -8.27	42.14 3.72 -6.57	46.50 4.36 -6.35	54.49 5.13 -7.29	52.12 4.91 -4.85	42.52 4.15 0.00	39.55 4.11 0.00	37.72 3.36 -3.29	32.38 2.86 -1.80	31.66 2.35 -2.90

KENSICO____ 23655	26.07 1.61 0.00	23.92 1.35 0.00	22.31 1.34 0.00	20.92 1.30 0.00	21.36 1.32 0.00	22.18 1.33 0.00	24.80 1.51 0.00	25.45 1.75 0.00	25.80 1.89 0.00	26.41 2.02 0.00	27.28 2.11 0.00	28.76 2.18 0.00	30.21 2.55 0.00	30.80 2.70 0.00	34.36 3.01 0.00	34.97 3.12 0.00	39.40 3.61 0.00	46.36 4.29 0.00	46.47 4.11 0.00	41.91 3.53 0.00	38.63 3.19 0.00	33.65 2.58 0.00	29.88 2.16 0.00	28.16 1.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.15 1.69 0.00	23.92 1.35 0.00	22.31 1.34 0.00	20.92 1.30 0.00	21.36 1.32 0.00	22.22 1.38 0.00	24.85 1.56 0.00	25.29 1.59 0.00	25.69 1.77 0.00	26.22 1.83 0.00	27.08 1.91 0.00	28.47 1.89 0.00	29.93 2.27 0.00	30.58 2.47 0.00	34.20 2.85 0.00	34.81 2.96 0.00	38.93 3.15 0.00	45.86 3.79 0.00	46.04 3.69 0.00	41.56 3.19 0.00	38.31 2.87 0.00	33.37 2.30 0.00	29.69 1.97 0.00	28.00 1.58 0.00
KIAC_JFK_GT1 23816	26.22 1.76 0.00	24.01 1.44 0.00	22.38 1.41 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.26 1.42 0.00	24.97 1.68 0.00	25.74 2.04 0.00	26.16 2.25 0.00	26.78 2.39 0.00	27.70 2.52 -0.02	29.19 2.61 0.00	30.67 2.99 -0.02	34.00 3.26 -2.63	34.84 3.39 -0.11	36.03 3.57 -0.61	41.35 4.22 -1.34	46.82 4.75 0.00	46.93 4.57 0.00	42.29 3.91 0.00	39.02 3.58 0.00	33.90 2.83 0.00	30.24 2.52 0.00	28.37 1.95 0.00
KIAC_JFK_GT2 23817	26.22 1.76 0.00	24.01 1.44 0.00	22.38 1.41 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.26 1.42 0.00	24.97 1.68 0.00	25.74 2.04 0.00	26.16 2.25 0.00	26.78 2.39 0.00	27.70 2.52 -0.02	29.19 2.61 0.00	30.67 2.99 -0.02	34.00 3.26 -2.63	34.84 3.39 -0.11	36.03 3.57 -0.61	41.35 4.22 -1.34	46.82 4.75 0.00	46.93 4.57 0.00	42.29 3.91 0.00	39.02 3.58 0.00	33.90 2.83 0.00	30.24 2.52 0.00	28.37 1.95 0.00
KIAC_JFK____ 323774	26.22 1.76 0.00	24.03 1.47 0.00	22.40 1.43 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.26 1.42 0.00	24.97 1.68 0.00	25.67 1.97 0.00	26.19 2.27 0.00	26.78 2.39 0.00	27.70 2.52 -0.02	29.19 2.61 0.00	30.70 3.02 -0.02	34.00 3.26 -2.63	34.85 3.39 -0.11	35.93 3.47 -0.61	41.42 4.29 -1.34	46.86 4.79 0.00	46.93 4.58 0.00	42.29 3.92 0.00	39.02 3.58 0.00	33.90 2.83 0.00	30.27 2.55 0.00	28.37 1.95 0.00
KINTIGH____ 23543	23.11 -1.35 0.00	21.10 -1.47 0.00	19.50 -1.47 0.00	18.23 -1.39 0.00	18.64 -1.40 0.00	19.43 -1.42 0.00	21.45 -1.84 0.00	21.99 -1.71 0.00	22.46 -1.46 0.00	22.90 -1.49 0.00	23.98 -1.18 0.00	25.52 -1.06 0.00	26.45 -1.22 0.00	27.12 -0.98 0.00	30.50 -0.85 0.00	30.86 -0.99 0.00	34.49 -1.29 0.00	40.01 -2.06 0.00	40.54 -1.82 0.00	36.88 -1.50 0.00	34.55 -0.89 0.00	30.27 -0.81 0.00	26.97 -0.75 0.00	25.97 -0.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.24 -0.22 0.00	22.45 -0.11 0.00	20.85 -0.13 0.00	19.47 -0.16 0.00	19.86 -0.18 0.00	20.57 -0.27 0.00	23.06 -0.23 0.00	23.34 -0.36 0.00	23.60 -0.31 0.00	23.93 -0.46 0.00	24.61 -0.55 0.05	25.93 -0.61 0.00	26.75 -0.91 0.00	27.09 -1.01 0.00	30.00 -1.35 0.00	30.42 -1.43 0.00	34.10 -1.68 0.00	40.18 -1.89 0.00	40.37 -1.99 0.00	36.65 -1.73 0.00	33.95 -1.49 0.00	29.55 -1.52 0.00	26.33 -1.39 0.00	25.28 -1.14 0.00
LACHUTE__HYDRO 323717	26.81 2.35 0.00	24.80 2.23 0.00	22.86 1.89 0.00	21.31 1.69 0.00	21.82 1.78 0.00	22.78 1.94 0.00	25.50 2.21 0.00	25.74 2.04 0.00	26.11 2.20 0.00	26.63 2.24 0.00	27.25 2.09 0.00	28.92 2.34 0.00	30.35 2.68 0.00	30.75 2.64 0.00	34.33 2.98 0.00	34.91 3.06 0.00	39.32 3.54 0.00	46.70 4.63 0.00	47.78 5.42 0.00	43.13 4.76 0.00	39.87 4.43 0.00	34.99 3.92 0.00	30.94 3.21 0.00	29.35 2.93 0.00
LAWRNCAL_115KV_TB1 80681	23.63 -0.83 0.00	22.18 -0.38 0.00	20.59 -0.38 0.00	19.27 -0.35 0.00	19.70 -0.34 0.00	20.45 -0.40 0.00	22.89 -0.40 0.00	22.97 -0.73 0.00	23.08 -0.84 0.00	23.27 -1.12 0.00	23.86 -1.31 0.00	23.21 -1.49 1.89	25.89 -1.77 0.00	26.19 -1.91 0.00	29.09 -2.26 0.00	29.56 -2.29 0.00	33.13 -2.65 0.00	39.08 -2.99 0.00	39.27 -3.09 0.00	35.77 -2.61 0.00	33.06 -2.37 0.00	29.05 -2.02 0.00	26.06 -1.66 0.00	25.15 -1.27 0.00
LEDERLE____ 23769	26.05 1.59 0.00	23.90 1.33 0.00	22.29 1.32 0.00	20.90 1.28 0.00	21.32 1.28 0.00	22.16 1.31 0.00	24.78 1.49 0.00	25.38 1.68 0.00	25.73 1.82 0.00	26.32 1.93 0.00	27.20 2.04 0.00	28.66 2.07 0.00	30.10 2.43 0.00	30.72 2.61 0.00	34.29 2.95 0.00	34.87 3.03 0.00	39.36 3.58 0.00	46.32 4.25 0.00	46.43 4.07 0.00	41.87 3.49 0.00	38.59 3.15 0.00	33.62 2.55 0.00	29.86 2.13 0.00	28.13 1.72 0.00
LIGHTHSE_115KV_TB6 355974	23.87 -0.59 0.00	21.98 -0.59 0.00	20.41 -0.57 0.00	19.08 -0.55 0.00	19.50 -0.54 0.00	20.32 -0.52 0.00	22.68 -0.61 0.00	23.11 -0.59 0.00	23.29 -0.62 0.00	23.73 -0.66 0.00	24.96 -0.53 -0.32	26.58 -0.48 -0.48	27.90 -0.44 -0.68	28.27 -0.39 -0.56	32.01 -0.41 -1.07	32.32 -0.48 -0.95	36.65 -0.50 -1.37	43.79 -0.59 -2.31	44.74 -0.47 -2.85	40.14 -0.19 -1.96	36.81 -0.18 -1.54	32.39 -0.09 -1.41	28.23 -0.11 -0.62	26.75 -0.21 -0.55
LINDEN COGEN____ 23786	26.14 1.69 0.00	23.99 1.42 0.00	22.36 1.38 0.00	20.98 1.35 0.00	21.40 1.36 0.00	22.22 1.38 0.00	24.87 1.58 0.00	25.53 1.83 0.00	26.02 2.11 0.00	26.63 2.24 0.00	27.54 2.36 -0.02	28.98 2.39 0.00	30.47 2.79 -0.02	33.60 2.92 -2.57	34.78 3.32 -0.11	35.84 3.37 -0.61	41.13 4.01 -1.34	46.74 4.67 0.00	46.76 4.41 0.00	42.18 3.80 0.00	38.91 3.48 0.00	33.84 2.76 0.00	30.08 2.35 0.00	28.21 1.80 0.00
LINDHRST_69_KV_BK1 356055	33.34 2.35 -6.53	27.81 2.03 -3.22	24.91 1.95 -1.99	23.43 1.88 -1.92	22.32 1.90 -0.38	24.14 1.96 -1.34	26.43 2.21 -0.93	29.25 2.46 -3.09	32.38 2.61 -5.86	32.63 2.73 -5.51	34.23 2.92 -6.15	39.71 3.00 -10.12	39.51 3.40 -8.44	40.51 3.65 -8.75	43.75 4.14 -8.27	42.65 4.24 -6.57	47.04 4.90 -6.36	55.12 5.76 -7.29	52.85 5.63 -4.85	43.21 4.84 0.00	39.87 4.43 0.00	38.06 3.70 -3.29	32.63 3.10 -1.80	31.93 2.62 -2.90
LIPA_MISC_IPP 23656	33.22 2.23 -6.53	27.70 1.92 -3.22	24.83 1.87 -1.99	23.35 1.81 -1.92	22.24 1.82 -0.38	24.06 1.88 -1.34	26.32 2.10 -0.93	29.13 2.35 -3.09	32.24 2.46 -5.86	32.48 2.59 -5.51	34.11 2.79 -6.15	39.55 2.84 -10.12	39.40 3.29 -8.44	40.43 3.57 -8.75	43.73 4.11 -8.28	42.63 4.20 -6.58	47.01 4.87 -6.36	55.13 5.76 -7.30	52.90 5.68 -4.86	43.22 4.84 -0.01	39.80 4.36 0.00	37.97 3.60 -3.29	32.46 2.94 -1.80	31.77 2.46 -2.90
LISF__SOLAR 323691	33.27 2.27 -6.53	27.77 1.99 -3.22	24.87 1.91 -1.99	23.37 1.83 -1.92	22.28 1.86 -0.38	24.08 1.90 -1.34	26.36 2.14 -0.93	29.11 2.32 -3.09	32.29 2.51 -5.86	32.51 2.61 -5.51	34.13 2.82 -6.15	39.60 2.90 -10.12	39.45 3.35 -8.44	40.49 3.63 -8.75	43.79 4.17 -8.28	42.66 4.24 -6.58	47.12 4.97 -6.36	55.30 5.93 -7.30	53.03 5.80 -4.86	43.34 4.95 -0.01	39.90 4.47 0.00	38.03 3.67 -3.29	32.60 3.08 -1.80	31.82 2.51 -2.90

LITTLE FALLS___HYD 24013	24.75 0.29 0.00	22.83 0.27 0.00	21.22 0.25 0.00	19.84 0.22 0.00	20.26 0.22 0.00	21.12 0.27 0.00	23.55 0.26 0.00	24.01 0.31 0.00	24.23 0.31 0.00	24.71 0.32 0.00	25.47 0.30 0.00	26.89 0.35 0.04	28.08 0.41 0.00	28.50 0.39 0.00	31.76 0.41 0.00	32.23 0.38 0.00	36.32 0.54 0.00	42.74 0.67 0.00	43.04 0.68 0.00	39.03 0.65 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.11 0.39 0.00	26.76 0.34 0.00
LITTLRIV_115KV_TB1 356100	23.85 -0.61 0.00	22.36 -0.20 0.00	20.76 -0.21 0.00	19.41 -0.22 0.00	19.86 -0.18 0.00	20.64 -0.21 0.00	23.13 -0.16 0.00	23.23 -0.47 0.00	23.34 -0.57 0.00	23.49 -0.90 0.00	24.10 -1.11 -0.04	23.61 -1.25 1.72	26.23 -1.52 -0.08	26.51 -1.66 -0.07	29.50 -1.97 -0.13	29.93 -2.04 -0.12	33.59 -2.36 -0.17	39.70 -2.65 -0.28	40.04 -2.67 -0.35	36.47 -2.15 -0.24	33.68 -1.95 -0.19	29.60 -1.65 -0.17	26.44 -1.36 -0.08	25.50 -0.98 -0.07
LI_NEWBRDGE___DRP 323616	32.87 1.88 -6.53	27.40 1.62 -3.22	24.53 1.57 -1.99	23.08 1.53 -1.92	21.98 1.56 -0.38	23.77 1.58 -1.34	26.01 1.79 -0.93	28.82 2.04 -3.09	31.95 2.18 -5.86	32.22 2.32 -5.51	33.73 2.42 -6.15	39.17 2.47 -10.12	38.98 2.88 -8.44	39.89 3.04 -8.75	43.03 3.42 -8.27	41.92 3.50 -6.57	46.21 4.08 -6.35	54.15 4.80 -7.29	51.87 4.66 -4.85	42.33 3.95 0.00	39.05 3.61 0.00	37.31 2.95 -3.29	32.02 2.49 -1.80	31.37 2.06 -2.90
LOCKPORT_115KV_TB60_63_64 80432	23.14 -1.32 0.00	21.03 -1.53 0.00	19.44 -1.53 0.00	18.18 -1.45 0.00	18.56 -1.48 0.00	19.39 -1.46 0.00	21.34 -1.96 0.00	21.88 -1.82 0.00	22.41 -1.51 0.00	22.86 -1.54 0.00	24.06 -1.11 0.00	25.63 -0.96 0.00	26.53 -1.13 0.00	27.35 -0.76 0.00	30.79 -0.56 0.00	30.96 -0.89 0.00	34.57 -1.22 0.00	39.89 -2.19 0.00	40.58 -1.78 0.00	36.92 -1.46 0.00	34.66 -0.78 0.00	30.33 -0.75 0.00	27.03 -0.69 0.00	26.18 -0.24 0.00
LOCKPORT___CC1 323769	23.09 -1.37 0.00	20.99 -1.58 0.00	19.40 -1.57 0.00	18.14 -1.49 0.00	18.54 -1.50 0.00	19.33 -1.52 0.00	21.27 -2.03 0.00	21.81 -1.90 0.00	22.36 -1.55 0.00	22.78 -1.61 0.00	23.98 -1.18 0.00	25.63 -0.96 0.00	26.59 -1.08 0.00	27.41 -0.70 0.00	30.66 -0.69 0.00	31.02 -0.83 0.00	34.46 -1.32 0.00	39.55 -2.52 0.00	40.50 -1.86 0.00	36.84 -1.54 0.00	34.59 -0.85 0.00	30.30 -0.78 0.00	27.17 -0.55 0.00	26.12 -0.29 0.00
LOCKPORT___CC2 323770	23.09 -1.37 0.00	20.99 -1.58 0.00	19.40 -1.57 0.00	18.14 -1.49 0.00	18.54 -1.50 0.00	19.33 -1.52 0.00	21.27 -2.03 0.00	21.81 -1.90 0.00	22.36 -1.55 0.00	22.78 -1.61 0.00	23.98 -1.18 0.00	25.63 -0.96 0.00	26.59 -1.08 0.00	27.41 -0.70 0.00	30.66 -0.69 0.00	31.02 -0.83 0.00	34.46 -1.32 0.00	39.55 -2.52 0.00	40.50 -1.86 0.00	36.84 -1.54 0.00	34.59 -0.85 0.00	30.30 -0.78 0.00	27.17 -0.55 0.00	26.12 -0.29 0.00
LOCKPORT___CC3 323771	23.09 -1.37 0.00	20.99 -1.58 0.00	19.40 -1.57 0.00	18.14 -1.49 0.00	18.54 -1.50 0.00	19.33 -1.52 0.00	21.27 -2.03 0.00	21.81 -1.90 0.00	22.36 -1.55 0.00	22.78 -1.61 0.00	23.98 -1.18 0.00	25.63 -0.96 0.00	26.59 -1.08 0.00	27.41 -0.70 0.00	30.66 -0.69 0.00	31.02 -0.83 0.00	34.46 -1.32 0.00	39.55 -2.52 0.00	40.50 -1.86 0.00	36.84 -1.54 0.00	34.59 -0.85 0.00	30.30 -0.78 0.00	27.17 -0.55 0.00	26.12 -0.29 0.00
LONG_LAKE_PHOENIX 24014	23.99 -0.46 0.00	22.07 -0.50 0.00	20.51 -0.46 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.39 -0.46 0.00	22.75 -0.54 0.00	23.18 -0.52 0.00	23.39 -0.53 0.00	23.88 -0.51 0.00	25.14 -0.48 -0.45	27.02 -0.43 -0.87	28.20 -0.41 -0.95	28.58 -0.31 -0.78	32.53 -0.31 -1.50	32.83 -0.35 -1.33	37.39 -0.32 -1.93	44.86 -0.46 -3.25	45.94 -0.42 -4.01	40.82 -0.31 -2.75	37.36 -0.25 -2.17	32.87 -0.19 -1.98	28.38 -0.22 -0.88	26.87 -0.32 -0.77
LOVETT___3 23632	25.93 1.47 0.00	23.81 1.24 0.00	22.19 1.22 0.00	20.82 1.20 0.00	21.24 1.20 0.00	22.08 1.23 0.00	24.69 1.40 0.00	25.29 1.59 0.00	25.64 1.72 0.00	26.22 1.83 0.00	27.08 1.91 0.00	28.55 1.97 0.00	29.99 2.32 0.00	30.58 2.47 0.00	34.14 2.79 0.00	34.71 2.87 0.00	39.14 3.36 0.00	46.07 4.00 0.00	46.17 3.81 0.00	41.64 3.26 0.00	38.38 2.94 0.00	33.47 2.39 0.00	29.69 1.97 0.00	28.00 1.58 0.00
LOVETT___4 23642	25.93 1.47 0.00	23.81 1.24 0.00	22.19 1.22 0.00	20.82 1.20 0.00	21.24 1.20 0.00	22.08 1.23 0.00	24.69 1.40 0.00	25.29 1.59 0.00	25.64 1.72 0.00	26.22 1.83 0.00	27.08 1.91 0.00	28.55 1.97 0.00	29.99 2.32 0.00	30.58 2.47 0.00	34.14 2.79 0.00	34.71 2.87 0.00	39.14 3.36 0.00	46.07 4.00 0.00	46.17 3.81 0.00	41.64 3.26 0.00	38.38 2.94 0.00	33.47 2.39 0.00	29.69 1.97 0.00	28.00 1.58 0.00
LOVETT___5 23593	25.93 1.47 0.00	23.81 1.24 0.00	22.19 1.22 0.00	20.82 1.20 0.00	21.24 1.20 0.00	22.08 1.23 0.00	24.69 1.40 0.00	25.29 1.59 0.00	25.64 1.72 0.00	26.22 1.83 0.00	27.08 1.91 0.00	28.55 1.97 0.00	29.99 2.32 0.00	30.58 2.47 0.00	34.14 2.79 0.00	34.71 2.87 0.00	39.14 3.36 0.00	46.07 4.00 0.00	46.17 3.81 0.00	41.64 3.26 0.00	38.38 2.94 0.00	33.47 2.39 0.00	29.69 1.97 0.00	28.00 1.58 0.00
LOWER RAQUET___HYD 24057	23.58 -0.88 0.00	22.13 -0.43 0.00	20.55 -0.42 0.00	19.21 -0.41 0.00	19.64 -0.40 0.00	20.41 -0.44 0.00	22.89 -0.40 0.00	23.20 -0.50 0.00	23.03 -0.88 0.00	23.17 -1.22 0.00	23.77 -1.43 -0.04	23.33 -1.62 1.63	25.81 -1.94 -0.09	26.13 -2.05 -0.07	29.07 -2.41 -0.14	29.49 -2.48 -0.12	33.13 -2.83 -0.18	39.17 -3.20 -0.30	39.47 -3.26 -0.37	35.87 -2.76 -0.25	33.12 -2.52 -0.20	29.14 -2.11 -0.18	25.97 -1.83 -0.08	25.17 -1.32 -0.07
LOWER___HUDSON 24059	25.49 1.03 0.00	23.58 1.02 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.94 0.90 0.00	21.81 0.96 0.00	24.31 1.02 0.00	24.67 0.97 0.00	24.85 0.93 0.00	25.32 0.93 0.00	26.07 0.90 0.00	27.51 0.93 0.00	28.88 1.22 0.00	29.31 1.21 0.00	32.66 1.32 0.00	33.22 1.37 0.00	37.43 1.65 0.00	44.17 2.10 0.00	44.56 2.20 0.00	40.33 1.96 0.00	37.14 1.70 0.00	32.54 1.46 0.00	28.94 1.22 0.00	27.44 1.03 0.00
LOWVILLE_115KV_TB2 356335	24.38 -0.07 0.00	22.52 -0.05 0.00	20.91 -0.06 0.00	19.55 -0.08 0.00	19.98 -0.06 0.00	20.85 0.00 0.00	23.27 -0.02 0.00	23.70 0.00 0.00	23.84 -0.07 0.00	24.19 -0.20 0.00	24.98 -0.28 -0.10	26.05 -0.24 0.29	27.67 -0.19 -0.20	28.08 -0.20 -0.17	31.42 -0.25 -0.32	31.84 -0.29 -0.28	36.05 -0.14 -0.41	42.72 -0.04 -0.69	43.34 0.13 -0.85	39.46 0.50 -0.59	36.29 0.39 -0.46	31.87 0.37 -0.42	28.18 0.28 -0.19	26.76 0.18 -0.17
LUTHERFT_115KV_GLOB_FND_222 355753	25.73 1.27 0.00	23.76 1.20 0.00	22.04 1.07 0.00	20.61 0.98 0.00	21.06 1.02 0.00	21.93 1.08 0.00	24.50 1.21 0.00	24.89 1.19 0.00	25.09 1.17 0.00	25.58 1.20 0.00	26.30 1.13 0.00	27.78 1.20 0.00	29.13 1.47 0.00	29.57 1.46 0.00	32.98 1.63 0.00	33.57 1.72 0.00	37.79 2.00 0.00	44.59 2.52 0.00	45.20 2.84 0.00	40.87 2.49 0.00	37.71 2.27 0.00	33.03 1.96 0.00	29.33 1.61 0.00	27.84 1.43 0.00

LUTHERNY_35_KV_BK2 355980	25.75 1.30 0.00	23.78 1.22 0.00	22.04 1.07 0.00	20.63 1.00 0.00	21.08 1.04 0.00	21.95 1.10 0.00	24.50 1.21 0.00	24.89 1.19 0.00	25.11 1.20 0.00	25.58 1.20 0.00	26.30 1.13 0.00	27.81 1.22 0.00	29.13 1.47 0.00	29.59 1.49 0.00	33.01 1.66 0.00	33.57 1.72 0.00	37.82 2.04 0.00	44.64 2.57 0.00	45.24 2.88 0.00	40.91 2.53 0.00	37.74 2.30 0.00	33.06 1.99 0.00	29.36 1.64 0.00	27.87 1.45 0.00
LWR___OSWEGATCHIE_HYD 23850	23.68 -0.78 0.00	22.05 -0.52 0.00	20.47 -0.50 0.00	19.14 -0.49 0.00	19.56 -0.48 0.00	20.39 -0.46 0.00	22.78 -0.51 0.00	23.01 -0.69 0.00	23.13 -0.79 0.00	23.39 -1.00 0.00	24.09 -1.16 -0.08	24.34 -1.25 1.00	26.46 -1.38 -0.17	26.82 -1.43 -0.14	29.93 -1.69 -0.27	30.34 -1.75 -0.24	34.24 -1.90 -0.35	40.56 -2.10 -0.60	41.06 -2.03 -0.73	37.35 -1.54 -0.50	34.42 -1.42 -0.40	30.26 -1.18 -0.36	26.86 -1.03 -0.16	25.68 -0.87 -0.14
LYONS_FALL_HYD 23570	24.65 0.19 0.00	22.74 0.18 0.00	21.12 0.15 0.00	19.75 0.12 0.00	20.16 0.12 0.00	21.05 0.21 0.00	23.48 0.19 0.00	23.96 0.26 0.00	24.13 0.21 0.00	24.54 0.15 0.00	25.34 0.10 -0.07	26.54 0.13 0.18	28.06 0.25 -0.15	28.48 0.25 -0.12	31.80 0.22 -0.23	32.28 0.22 -0.21	36.51 0.43 -0.30	43.16 0.59 -0.51	43.70 0.72 -0.62	39.76 0.96 -0.43	36.59 0.82 -0.34	32.13 0.74 -0.31	28.47 0.61 -0.14	27.01 0.48 -0.12
MADISON___COUNTY_LFGE 323628	25.09 0.64 0.00	23.08 0.52 0.00	21.43 0.46 0.00	20.02 0.39 0.00	20.46 0.42 0.00	21.37 0.52 0.00	23.80 0.51 0.00	24.34 0.64 0.00	24.56 0.65 0.00	25.02 0.63 0.00	25.89 0.65 -0.07	27.41 0.77 -0.05	28.71 0.89 -0.16	29.19 0.96 -0.13	32.66 1.07 -0.24	33.15 1.08 -0.22	37.49 1.40 -0.32	44.29 1.68 -0.53	44.79 1.78 -0.66	40.63 1.80 -0.45	37.42 1.63 -0.35	32.83 1.43 -0.32	29.08 1.22 -0.14	27.57 1.03 -0.13
MALONE___115KV_TB1 356076	24.02 -0.44 0.00	22.29 -0.27 0.00	20.72 -0.25 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.49 -0.35 0.00	22.96 -0.33 0.00	23.23 -0.47 0.00	23.41 -0.50 0.00	23.71 -0.68 0.00	24.36 -0.81 0.00	25.12 -0.90 0.56	26.45 -1.22 0.00	26.78 -1.32 0.00	29.69 -1.66 0.00	30.10 -1.75 0.00	33.74 -2.04 0.00	39.76 -2.31 0.00	39.94 -2.41 0.00	36.30 -2.07 0.00	33.63 -1.81 0.00	29.37 -1.71 0.00	26.20 -1.52 0.00	25.17 -1.24 0.00
MAPLEWOD_115KV_TB3 80458	25.51 1.05 0.00	23.65 1.08 0.00	21.98 1.01 0.00	20.57 0.94 0.00	21.00 0.96 0.00	21.85 1.00 0.00	24.38 1.09 0.00	24.79 1.09 0.00	24.82 0.91 0.00	25.32 0.93 0.00	26.07 0.91 0.00	27.54 0.96 0.00	28.88 1.22 0.00	29.31 1.21 0.00	32.70 1.35 0.00	33.25 1.40 0.00	37.46 1.68 0.00	44.17 2.10 0.00	44.56 2.20 0.00	40.29 1.92 0.00	37.10 1.67 0.00	32.47 1.40 0.00	28.91 1.19 0.00	27.42 1.00 0.00
MAPLE_RIDGE_WT_1 323574	23.92 -0.54 0.00	22.07 -0.50 0.00	20.49 -0.48 0.00	19.16 -0.47 0.00	19.54 -0.50 0.00	20.30 -0.54 0.00	22.71 -0.58 0.00	23.11 -0.59 0.00	23.29 -0.62 0.00	23.76 -0.63 0.00	24.49 -0.68 0.00	25.91 -0.72 -0.04	26.89 -0.77 0.00	27.29 -0.82 0.00	30.41 -0.94 0.00	30.89 -0.95 0.00	34.71 -1.07 0.00	40.85 -1.22 0.00	41.09 -1.27 0.00	37.23 -1.15 0.00	34.34 -1.10 0.00	30.17 -0.90 0.00	26.97 -0.75 0.00	25.78 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	23.92 -0.54 0.00	22.07 -0.50 0.00	20.49 -0.48 0.00	19.16 -0.47 0.00	19.54 -0.50 0.00	20.30 -0.54 0.00	22.71 -0.58 0.00	23.11 -0.59 0.00	23.29 -0.62 0.00	23.76 -0.63 0.00	24.49 -0.68 0.00	25.91 -0.72 -0.04	26.89 -0.77 0.00	27.29 -0.82 0.00	30.41 -0.94 0.00	30.89 -0.95 0.00	34.71 -1.07 0.00	40.85 -1.22 0.00	41.09 -1.27 0.00	37.23 -1.15 0.00	34.34 -1.10 0.00	30.17 -0.90 0.00	26.97 -0.75 0.00	25.78 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	24.07 -0.39 0.00	22.29 -0.27 0.00	20.72 -0.25 0.00	19.33 -0.29 0.00	19.72 -0.32 0.00	20.43 -0.42 0.00	22.89 -0.40 0.00	23.25 -0.45 0.00	23.37 -0.55 0.00	23.76 -0.63 0.00	24.46 -0.70 0.00	25.79 -0.80 0.00	26.53 -1.14 0.00	26.87 -1.24 0.00	29.78 -1.57 0.00	30.19 -1.66 0.00	33.81 -1.97 0.00	39.84 -2.23 0.00	40.03 -2.33 0.00	36.27 -2.11 0.00	33.52 -1.91 0.00	29.30 -1.77 0.00	26.06 -1.66 0.00	25.12 -1.29 0.00
MARSHVLE_115KV_TB1 80742	26.19 1.74 0.00	24.08 1.51 0.00	22.27 1.30 0.00	20.82 1.20 0.00	21.30 1.26 0.00	22.18 1.33 0.00	24.73 1.44 0.00	25.00 1.30 0.00	25.11 1.20 0.00	25.44 1.05 0.00	26.22 1.06 0.00	27.73 1.14 0.00	29.10 1.44 0.00	29.59 1.49 0.00	33.14 1.79 0.00	33.76 1.91 0.00	38.04 2.25 0.00	44.89 2.82 0.00	46.21 3.85 0.00	42.06 3.68 0.00	38.81 3.37 0.00	33.93 2.86 0.00	30.16 2.44 0.00	28.55 2.14 0.00
MARSH_HILL_WT_PWR 323713	23.82 -0.64 0.00	21.68 -0.88 0.00	20.01 -0.96 0.00	18.65 -0.98 0.00	19.06 -0.98 0.00	19.93 -0.92 0.00	22.15 -1.14 0.00	22.75 -0.95 0.00	23.20 -0.72 0.00	23.68 -0.71 0.00	24.76 -0.45 -0.05	26.42 -0.27 -0.11	27.50 -0.28 -0.11	28.25 0.06 -0.09	31.68 0.16 -0.17	32.06 0.06 -0.15	35.97 -0.04 -0.22	41.94 -0.50 -0.37	42.86 0.04 -0.46	38.96 0.27 -0.32	36.29 0.60 -0.25	31.83 0.53 -0.23	28.32 0.50 -0.10	27.00 0.50 -0.09
MCINTYRE_115KV_TB2 80467	23.99 -0.46 0.00	22.52 -0.05 0.00	20.91 -0.06 0.00	19.55 -0.08 0.00	20.00 -0.04 0.00	20.78 -0.06 0.00	23.27 -0.02 0.00	23.37 -0.33 0.00	23.48 -0.43 0.00	23.66 -0.73 0.00	24.26 -0.91 0.00	23.62 -1.04 1.93	26.39 -1.27 0.00	26.64 -1.46 0.00	29.62 -1.72 0.00	30.06 -1.78 0.00	33.71 -2.08 0.00	39.80 -2.27 0.00	40.07 -2.29 0.00	36.61 -1.77 0.00	33.88 -1.56 0.00	29.74 -1.34 0.00	26.64 -1.08 0.00	25.65 -0.77 0.00
MECO_____69_KV_BK1 80468	27.10 2.64 0.00	24.93 2.37 0.00	22.96 1.99 0.00	21.43 1.81 0.00	21.98 1.94 0.00	22.93 2.08 0.00	25.67 2.38 0.00	26.00 2.30 0.00	26.31 2.39 0.00	26.71 2.32 0.00	27.45 2.29 0.00	29.05 2.47 0.00	30.54 2.88 0.00	31.11 3.01 0.00	34.80 3.45 0.00	35.57 3.73 0.00	40.15 4.37 0.00	47.50 5.43 0.00	48.67 6.31 0.00	43.94 5.56 0.00	40.47 5.03 0.00	35.39 4.32 0.00	31.30 3.58 0.00	29.64 3.22 0.00
MENANDS___115KV_TB5 355628	25.41 0.95 0.00	23.58 1.02 0.00	21.94 0.96 0.00	20.53 0.90 0.00	20.96 0.92 0.00	21.80 0.96 0.00	24.31 1.02 0.00	24.72 1.02 0.00	24.70 0.79 0.00	25.19 0.80 0.00	25.97 0.81 0.00	27.41 0.82 0.00	28.74 1.08 0.00	29.17 1.07 0.00	32.51 1.16 0.00	33.06 1.21 0.00	37.25 1.47 0.00	43.88 1.81 0.00	44.26 1.91 0.00	40.03 1.65 0.00	36.86 1.42 0.00	32.26 1.18 0.00	28.72 1.00 0.00	27.23 0.82 0.00
MG INDUSTRY___DRP 24185	25.34 0.88 0.00	23.49 0.93 0.00	21.83 0.86 0.00	20.45 0.82 0.00	20.86 0.82 0.00	21.70 0.85 0.00	24.20 0.91 0.00	24.58 0.88 0.00	24.58 0.67 0.00	25.02 0.63 0.00	25.74 0.58 0.00	27.14 0.56 0.00	28.41 0.75 0.00	28.84 0.73 0.00	32.13 0.78 0.00	32.71 0.86 0.00	36.89 1.11 0.00	43.54 1.47 0.00	44.01 1.65 0.00	39.87 1.50 0.00	36.75 1.31 0.00	32.19 1.12 0.00	28.69 0.97 0.00	27.23 0.82 0.00

MID___OSWEGATCHIE_HYD 23849	23.68 -0.78 0.00	22.05 -0.52 0.00	20.47 -0.50 0.00	19.14 -0.49 0.00	19.56 -0.48 0.00	20.39 -0.46 0.00	22.78 -0.51 0.00	23.01 -0.69 0.00	23.13 -0.79 0.00	23.39 -1.00 0.00	24.09 -1.16 -0.08	24.34 -1.25 1.00	26.46 -1.38 -0.17	26.82 -1.43 -0.14	29.93 -1.69 -0.27	30.34 -1.75 -0.24	34.24 -1.90 -0.35	40.56 -2.10 -0.60	41.06 -2.03 -0.73	37.35 -1.54 -0.50	34.42 -1.42 -0.40	30.26 -1.18 -0.36	26.86 -1.03 -0.16	25.68 -0.87 -0.14
MID___RAQUETTE_HYD 23851	23.58 -0.88 0.00	22.14 -0.43 0.00	20.55 -0.42 0.00	19.21 -0.41 0.00	19.64 -0.40 0.00	20.41 -0.44 0.00	22.85 -0.44 0.00	22.94 -0.76 0.00	23.03 -0.88 0.00	23.17 -1.22 0.00	23.77 -1.43 -0.04	23.33 -1.62 1.63	25.84 -1.91 -0.09	26.13 -2.05 -0.07	29.07 -2.41 -0.14	29.49 -2.48 -0.12	33.13 -2.83 -0.18	39.17 -3.20 -0.30	39.47 -3.26 -0.37	35.87 -2.76 -0.25	33.12 -2.52 -0.20	29.14 -2.11 -0.18	26.06 -1.75 -0.08	25.17 -1.32 -0.07
MILLIKEN___1 23584	24.85 0.39 0.00	22.81 0.25 0.00	21.16 0.19 0.00	19.76 0.14 0.00	20.20 0.16 0.00	21.05 0.21 0.00	23.48 0.19 0.00	24.03 0.33 0.00	24.23 0.31 0.00	24.73 0.34 0.00	25.67 0.35 -0.15	27.35 0.45 -0.31	28.51 0.53 -0.32	29.05 0.67 -0.27	32.67 0.82 -0.51	33.10 0.80 -0.45	37.51 1.07 -0.66	44.40 1.22 -1.11	45.12 1.40 -1.36	40.73 1.42 -0.94	37.56 1.38 -0.74	32.96 1.21 -0.67	29.02 1.00 -0.30	27.52 0.85 -0.26
MILLIKEN___2 23585	24.85 0.39 0.00	22.81 0.25 0.00	21.16 0.19 0.00	19.76 0.14 0.00	20.20 0.16 0.00	21.05 0.21 0.00	23.48 0.19 0.00	24.03 0.33 0.00	24.23 0.31 0.00	24.73 0.34 0.00	25.67 0.35 -0.15	27.35 0.45 -0.31	28.51 0.53 -0.32	29.05 0.67 -0.27	32.67 0.82 -0.51	33.10 0.80 -0.45	37.51 1.07 -0.66	44.40 1.22 -1.11	45.12 1.40 -1.36	40.73 1.42 -0.94	37.56 1.38 -0.74	32.96 1.21 -0.67	29.02 1.00 -0.30	27.52 0.85 -0.26
MILLIKEN___DIESEL 23629	24.85 0.39 0.00	22.81 0.25 0.00	21.16 0.19 0.00	19.76 0.14 0.00	20.20 0.16 0.00	21.05 0.21 0.00	23.48 0.19 0.00	24.03 0.33 0.00	24.23 0.31 0.00	24.73 0.34 0.00	25.67 0.35 -0.15	27.35 0.45 -0.31	28.51 0.53 -0.32	29.05 0.67 -0.27	32.67 0.82 -0.51	33.10 0.80 -0.45	37.51 1.07 -0.66	44.40 1.22 -1.11	45.12 1.40 -1.36	40.73 1.42 -0.94	37.56 1.38 -0.74	32.96 1.21 -0.67	29.02 1.00 -0.30	27.52 0.85 -0.26
MILLSEAT___LFGE 323607	23.60 -0.86 0.00	21.44 -1.13 0.00	19.82 -1.15 0.00	18.53 -1.10 0.00	18.92 -1.12 0.00	19.76 -1.08 0.00	21.78 -1.51 0.00	22.42 -1.28 0.00	22.91 -1.00 0.00	23.39 -1.00 0.00	24.59 -0.58 0.00	26.27 -0.32 0.00	27.25 -0.41 0.00	28.08 -0.03 0.00	31.45 0.09 0.00	31.82 -0.03 0.00	35.39 -0.39 0.00	40.81 -1.26 0.00	41.68 -0.68 0.00	37.92 -0.46 0.00	35.55 0.11 0.00	31.17 0.09 0.00	27.86 0.14 0.00	26.71 0.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.00 1.54 0.00	23.87 1.31 0.00	22.27 1.30 0.00	20.88 1.26 0.00	21.30 1.26 0.00	22.14 1.29 0.00	24.76 1.47 0.00	25.38 1.68 0.00	25.73 1.82 0.00	26.32 1.93 0.00	27.18 2.01 0.00	28.66 2.07 0.00	30.10 2.43 0.00	30.69 2.59 0.00	34.26 2.92 0.00	34.84 2.99 0.00	39.29 3.51 0.00	46.24 4.16 0.00	46.34 3.98 0.00	41.79 3.42 0.00	38.52 3.08 0.00	33.56 2.49 0.00	29.80 2.08 0.00	28.08 1.66 0.00
MILLWOOD_13_KV_LOAD 356217	26.07 1.61 0.00	23.94 1.38 0.00	22.31 1.34 0.00	20.92 1.30 0.00	21.36 1.32 0.00	22.20 1.35 0.00	24.83 1.54 0.00	25.48 1.78 0.00	25.83 1.91 0.00	26.39 2.00 0.00	27.28 2.11 0.00	28.76 2.18 0.00	30.21 2.55 0.00	30.80 2.70 0.00	34.42 3.07 0.00	34.97 3.12 0.00	39.43 3.65 0.00	46.40 4.33 0.00	46.55 4.19 0.00	41.94 3.57 0.00	38.66 3.22 0.00	33.69 2.61 0.00	29.88 2.16 0.00	28.18 1.77 0.00
MODEL_CITY_ENERGY 24167	23.12 -1.35 0.00	20.99 -1.58 0.00	19.42 -1.55 0.00	18.16 -1.47 0.00	18.54 -1.50 0.00	19.35 -1.50 0.00	21.29 -2.00 0.00	21.83 -1.87 0.00	22.39 -1.53 0.00	22.83 -1.56 0.00	24.04 -1.13 0.00	25.68 -0.90 0.00	26.62 -1.05 0.00	27.46 -0.65 0.00	30.13 -1.22 0.00	30.67 -1.18 0.00	34.03 -1.75 0.00	39.04 -3.03 0.00	39.99 -2.37 0.00	36.42 -1.96 0.00	34.17 -1.27 0.00	29.93 -1.15 0.00	26.86 -0.86 0.00	25.86 -0.56 0.00
MODERN_LFGE___ 323580	23.12 -1.35 0.00	20.99 -1.58 0.00	19.42 -1.55 0.00	18.16 -1.47 0.00	18.54 -1.50 0.00	19.35 -1.50 0.00	21.29 -2.00 0.00	21.83 -1.87 0.00	22.39 -1.53 0.00	22.83 -1.56 0.00	24.04 -1.13 0.00	25.68 -0.90 0.00	26.62 -1.05 0.00	27.46 -0.65 0.00	30.13 -1.22 0.00	30.67 -1.18 0.00	34.03 -1.75 0.00	39.04 -3.03 0.00	39.99 -2.37 0.00	36.42 -1.96 0.00	34.17 -1.27 0.00	29.93 -1.15 0.00	26.86 -0.86 0.00	25.86 -0.56 0.00
MOHAWK_PAPER___DRP 24187	25.51 1.05 0.00	23.65 1.08 0.00	21.98 1.01 0.00	20.57 0.94 0.00	21.00 0.96 0.00	21.85 1.00 0.00	24.38 1.09 0.00	24.79 1.09 0.00	24.82 0.91 0.00	25.32 0.93 0.00	26.07 0.91 0.00	27.54 0.96 0.00	28.88 1.22 0.00	29.31 1.21 0.00	32.70 1.35 0.00	33.25 1.40 0.00	37.46 1.68 0.00	44.17 2.10 0.00	44.56 2.20 0.00	40.29 1.92 0.00	37.10 1.67 0.00	32.47 1.40 0.00	28.91 1.19 0.00	27.42 1.00 0.00
MOHICAN___35_KV_115KV_LD 80490	25.75 1.30 0.00	23.81 1.24 0.00	22.04 1.07 0.00	20.59 0.96 0.00	21.06 1.02 0.00	21.95 1.10 0.00	24.55 1.26 0.00	24.91 1.21 0.00	25.16 1.24 0.00	25.63 1.24 0.00	26.25 1.08 0.00	27.75 1.17 0.00	29.08 1.41 0.00	29.45 1.35 0.00	32.88 1.54 0.00	33.44 1.59 0.00	37.68 1.90 0.00	44.51 2.44 0.00	45.45 3.09 0.00	41.06 2.69 0.00	37.96 2.52 0.00	33.28 2.21 0.00	29.50 1.77 0.00	28.00 1.58 0.00
MONGAUP___HYD 23641	25.85 1.39 0.00	23.74 1.17 0.00	22.12 1.15 0.00	20.73 1.10 0.00	21.16 1.12 0.00	22.01 1.17 0.00	24.59 1.30 0.00	24.96 1.26 0.00	25.28 1.36 0.00	25.78 1.39 0.00	26.60 1.43 0.00	28.02 1.43 0.00	29.41 1.74 0.00	29.96 1.85 0.00	33.48 2.13 0.00	33.95 2.10 0.00	38.18 2.40 0.00	45.06 2.99 0.00	45.32 2.96 0.00	40.99 2.61 0.00	38.10 2.66 0.00	33.22 2.14 0.00	29.63 1.91 0.00	27.92 1.50 0.00
MONTAUK___DIESEL 23721	34.12 3.13 -6.53	28.49 2.71 -3.22	25.56 2.60 -1.99	24.02 2.47 -1.92	22.92 2.51 -0.38	24.75 2.56 -1.34	27.09 2.86 -0.93	29.96 3.18 -3.09	33.20 3.42 -5.86	33.48 3.59 -5.51	35.41 4.10 -6.15	41.03 4.33 -10.12	40.89 4.79 -8.44	41.97 5.12 -8.75	45.49 5.86 -8.28	44.32 5.89 -6.58	48.94 6.80 -6.36	57.40 8.04 -7.30	55.10 7.88 -4.86	44.95 6.56 -0.01	41.18 5.74 0.00	39.11 4.75 -3.29	33.21 3.69 -1.80	32.38 3.06 -2.90
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.11 -1.35 0.00	20.92 -1.65 0.00	19.27 -1.70 0.00	18.04 -1.59 0.00	18.44 -1.60 0.00	19.26 -1.58 0.00	21.24 -2.05 0.00	21.83 -1.87 0.00	22.36 -1.55 0.00	22.85 -1.54 0.00	24.16 -1.01 0.00	25.73 -0.85 0.00	26.72 -0.94 0.00	27.66 -0.45 0.00	31.07 -0.28 0.00	31.50 -0.35 0.00	35.28 -0.50 0.00	40.81 -1.26 0.00	41.72 -0.64 0.00	37.92 -0.46 0.00	35.58 0.14 0.00	31.29 0.22 0.00	27.92 0.19 0.00	26.97 0.55 0.00

MORTIMER_115KV_TB3 55949	23.82 -0.64 0.00	21.77 -0.79 0.00	20.15 -0.82 0.00	18.84 -0.79 0.00	19.22 -0.82 0.00	20.07 -0.77 0.00	22.27 -1.02 0.00	22.85 -0.85 0.00	23.22 -0.69 0.00	23.76 -0.63 0.00	24.79 -0.38 0.00	26.34 -0.24 0.00	27.36 -0.30 0.00	28.02 -0.08 0.00	31.44 0.09 0.00	31.88 0.03 0.00	35.75 -0.04 0.00	41.69 -0.38 0.00	42.10 -0.25 0.00	38.18 -0.19 0.00	35.62 0.18 0.00	31.23 0.16 0.00	27.75 0.03 0.00	26.55 0.13 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.02 2.10 0.00	26.63 2.24 0.00	27.49 2.34 0.01	29.00 2.42 0.00	30.44 2.79 0.01	28.64 2.95 2.42	34.57 3.32 0.10	34.68 3.41 0.58	38.46 3.94 1.26	46.74 4.67 0.00	46.81 4.45 0.00	42.21 3.84 0.00	38.95 3.51 0.00	33.90 2.83 0.00	30.10 2.38 0.00	28.32 1.90 0.00
MUNSVILLE_WIND_PWR 323609	26.07 1.61 0.00	23.83 1.26 0.00	22.08 1.11 0.00	20.55 0.92 0.00	21.00 0.96 0.00	21.99 1.15 0.00	24.41 1.12 0.00	25.07 1.37 0.00	25.28 1.36 0.00	25.63 1.24 0.00	26.44 1.18 -0.10	28.19 1.41 -0.20	29.47 1.60 -0.20	30.05 1.77 -0.17	33.58 1.91 -0.32	34.11 1.98 -0.29	38.81 2.61 -0.41	45.92 3.16 -0.70	46.73 3.51 -0.86	42.65 3.68 -0.59	39.27 3.37 -0.47	34.45 2.95 -0.43	30.43 2.52 -0.19	28.75 2.17 -0.17
N SALMON___HYD 24042	24.02 -0.44 0.00	22.29 -0.27 0.00	20.72 -0.25 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.49 -0.35 0.00	22.99 -0.30 0.00	23.35 -0.35 0.00	23.41 -0.50 0.00	23.71 -0.68 0.00	24.36 -0.81 0.00	25.12 -0.90 0.56	26.42 -1.24 0.00	26.76 -1.35 0.00	29.69 -1.66 0.00	30.10 -1.75 0.00	33.74 -2.04 0.00	39.80 -2.27 0.00	39.95 -2.41 0.00	36.30 -2.07 0.00	33.63 -1.81 0.00	29.37 -1.71 0.00	26.11 -1.61 0.00	25.17 -1.24 0.00
N.AKRON__115KV_KNAPP 355671	23.60 -0.86 0.00	21.46 -1.11 0.00	19.84 -1.13 0.00	18.53 -1.10 0.00	18.92 -1.12 0.00	19.79 -1.06 0.00	21.83 -1.47 0.00	22.42 -1.28 0.00	22.94 -0.98 0.00	23.39 -1.00 0.00	24.59 -0.58 0.00	26.21 -0.37 0.00	27.17 -0.50 0.00	27.97 -0.14 0.00	31.48 0.13 0.00	31.69 -0.16 0.00	35.43 -0.36 0.00	41.02 -1.05 0.00	41.68 -0.68 0.00	37.88 -0.50 0.00	35.55 0.11 0.00	31.14 0.06 0.00	27.67 -0.06 0.00	26.70 0.29 0.00
N.BELMOR_69_KV_BK1 55787	33.12 2.13 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.25 1.71 -1.92	22.14 1.72 -0.38	23.93 1.75 -1.34	26.20 1.98 -0.93	29.04 2.25 -3.09	32.19 2.42 -5.86	32.43 2.54 -5.51	34.00 2.69 -6.15	39.52 2.82 -10.12	39.31 3.21 -8.44	40.23 3.37 -8.75	43.41 3.79 -8.27	42.30 3.89 -6.57	46.64 4.51 -6.35	54.57 5.22 -7.29	52.30 5.08 -4.85	42.79 4.41 0.00	39.51 4.08 0.00	37.75 3.39 -3.29	32.35 2.83 -1.80	31.66 2.35 -2.90
N.E_GEN_SANDY PD 24062	25.63 1.17 0.00	23.67 1.11 0.00	22.06 1.09 0.00	20.67 1.04 0.00	21.10 1.06 0.00	21.95 1.10 0.00	24.45 1.16 0.00	24.86 1.16 0.00	25.06 1.15 0.00	25.56 1.17 0.00	26.35 1.18 0.00	27.78 1.20 0.00	29.21 1.55 0.00	29.65 1.54 0.00	33.07 1.72 0.00	33.60 1.75 0.00	37.89 2.11 0.00	44.68 2.61 0.00	44.94 2.58 0.00	40.64 2.26 0.00	37.42 1.98 0.00	32.72 1.65 0.00	29.11 1.39 0.00	27.52 1.11 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.97 1.52 0.00	23.85 1.29 0.00	22.23 1.26 0.00	20.84 1.22 0.00	21.28 1.24 0.00	22.10 1.25 0.00	24.71 1.42 0.00	25.31 1.61 0.00	25.66 1.75 0.00	26.24 1.85 0.00	27.13 1.96 0.00	28.58 1.99 0.00	30.02 2.35 0.00	30.61 2.50 0.00	34.20 2.85 0.00	34.78 2.93 0.00	39.22 3.44 0.00	46.15 4.08 0.00	46.30 3.94 0.00	41.71 3.34 0.00	38.45 3.01 0.00	33.50 2.42 0.00	29.74 2.02 0.00	28.05 1.64 0.00
N.QUEENS_27_KV_LOAD 356247	26.44 1.98 0.00	24.26 1.69 0.00	22.67 1.70 0.00	21.26 1.63 -0.01	21.71 1.66 -0.01	22.43 1.58 0.00	24.99 1.70 0.00	25.67 1.97 0.00	26.09 2.18 0.00	26.77 2.39 0.01	27.71 2.54 -0.01	29.16 2.58 0.00	30.70 3.02 -0.02	33.90 3.15 -2.65	35.07 3.61 -0.11	36.14 3.66 -0.63	41.32 4.19 -1.35	46.82 4.75 0.00	46.85 4.49 0.00	42.21 3.84 0.00	38.98 3.54 0.00	33.96 2.89 0.00	30.35 2.63 0.00	28.55 2.14 0.00
N.TROY___115KV_TB1 355778	25.49 1.03 0.00	23.56 0.99 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.94 0.90 0.00	21.80 0.96 0.00	24.34 1.05 0.00	24.72 1.02 0.00	24.85 0.93 0.00	25.32 0.93 0.00	26.07 0.91 0.00	27.54 0.96 0.00	28.85 1.19 0.00	29.31 1.21 0.00	32.66 1.32 0.00	33.25 1.40 0.00	37.43 1.65 0.00	44.13 2.06 0.00	44.56 2.20 0.00	40.33 1.96 0.00	37.14 1.70 0.00	32.54 1.46 0.00	28.91 1.19 0.00	27.44 1.03 0.00
NARROWS_GT1_1 24228	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT1_2 24229	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT1_3 24230	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT1_4 24231	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT1_5 24232	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02

NARROWS_GT1_6 24233	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT1_7 24234	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT1_8 24235	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT2_1 24236	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT2_2 24237	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT2_3 24238	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT2_4 24239	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT2_5 24240	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT2_6 24241	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT2_7 24242	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NARROWS_GT2_8 24243	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.20 3.63 -0.22	67.31 3.69 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.83 1.37 0.00	23.96 1.40 0.00	22.27 1.30 0.00	20.84 1.22 0.00	21.28 1.24 0.00	22.18 1.33 0.00	24.76 1.47 0.00	24.93 1.23 0.00	24.78 0.86 0.00	25.17 0.78 0.00	25.87 0.70 0.00	27.25 0.66 0.00	28.58 0.91 0.00	29.03 0.93 0.00	32.41 1.07 0.00	32.96 1.11 0.00	37.21 1.43 0.00	44.05 1.98 0.00	44.73 2.37 0.00	40.49 2.11 0.00	37.32 1.88 0.00	32.72 1.65 0.00	29.19 1.47 0.00	27.71 1.29 0.00
NCHELSEA_115KV_TR2 355582	26.15 1.69 0.00	24.01 1.44 0.00	22.38 1.41 0.00	20.98 1.35 0.00	21.42 1.38 0.00	22.28 1.44 0.00	24.90 1.61 0.00	25.38 1.68 0.00	25.73 1.82 0.00	26.27 1.88 0.00	27.13 1.96 0.00	28.55 1.97 0.00	30.02 2.35 0.00	30.63 2.53 0.00	34.23 2.88 0.00	34.81 2.96 0.00	39.14 3.36 0.00	46.11 4.04 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.53 2.45 0.00	29.83 2.11 0.00	28.13 1.72 0.00
NEG CAPITAL___MECHNVIL 23645	25.75 1.30 0.00	23.80 1.24 0.00	22.06 1.09 0.00	20.65 1.02 0.00	21.10 1.06 0.00	21.97 1.12 0.00	24.52 1.23 0.00	24.86 1.16 0.00	25.11 1.20 0.00	25.61 1.22 0.00	26.35 1.18 0.00	27.83 1.25 0.00	29.21 1.55 0.00	29.65 1.54 0.00	33.07 1.72 0.00	33.63 1.78 0.00	37.93 2.15 0.00	44.77 2.69 0.00	45.32 2.96 0.00	40.99 2.61 0.00	37.78 2.34 0.00	33.09 2.02 0.00	29.41 1.69 0.00	27.87 1.45 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.58 -0.88 0.00	21.57 -0.99 0.00	19.97 -1.01 0.00	18.67 -0.96 0.00	19.06 -0.98 0.00	19.87 -0.98 0.00	22.08 -1.21 0.00	22.68 -1.02 0.00	23.03 -0.88 0.00	23.59 -0.80 0.00	24.54 -0.63 0.00	26.10 -0.48 0.00	27.14 -0.53 0.00	27.80 -0.31 0.00	31.07 -0.28 0.00	31.59 -0.26 0.00	35.35 -0.43 0.00	41.18 -0.89 0.00	41.68 -0.68 0.00	37.80 -0.57 0.00	35.19 -0.25 0.00	30.89 -0.19 0.00	27.53 -0.19 0.00	26.18 -0.24 0.00

NEG CENTRAL___DRP 24199	24.34 -0.12 0.00	22.29 -0.27 0.00	20.66 -0.31 0.00	19.29 -0.33 0.00	19.74 -0.30 0.00	20.60 -0.25 0.00	22.96 -0.33 0.00	23.51 -0.19 0.00	23.77 -0.14 0.00	24.32 -0.07 0.00	25.35 0.03 -0.16	27.03 0.16 -0.29	28.16 0.17 -0.33	28.74 0.37 -0.27	32.40 0.53 -0.52	32.72 0.41 -0.46	37.02 0.57 -0.67	43.70 0.50 -1.12	44.42 0.68 -1.39	40.02 0.69 -0.95	36.97 0.78 -0.75	32.48 0.71 -0.69	28.58 0.55 -0.30	27.13 0.45 -0.27
NEG CENTRAL___INDECK 23768	24.53 0.07 0.00	22.34 -0.23 0.00	20.66 -0.31 0.00	19.27 -0.35 0.00	19.68 -0.36 0.00	20.57 -0.27 0.00	22.80 -0.49 0.00	23.30 -0.40 0.00	23.51 -0.41 0.00	23.93 -0.46 0.00	24.89 -0.28 0.00	26.64 0.05 0.00	27.66 0.00 0.00	28.39 0.28 0.00	31.75 0.41 0.00	32.33 0.48 0.00	36.28 0.50 0.00	42.45 0.38 0.00	43.50 1.14 0.00	39.76 1.38 0.00	37.25 1.81 0.00	32.78 1.71 0.00	29.16 1.44 0.00	27.66 1.24 0.00
NEG CENTRAL___SENECA 23627	24.31 -0.15 0.00	22.25 -0.32 0.00	20.59 -0.38 0.00	19.21 -0.41 0.00	19.66 -0.38 0.00	20.53 -0.31 0.00	22.87 -0.42 0.00	23.49 -0.21 0.00	23.77 -0.14 0.00	24.32 -0.07 0.00	25.30 0.05 -0.08	26.96 0.21 -0.17	28.06 0.22 -0.17	28.73 0.48 -0.14	32.28 0.66 -0.27	32.60 0.51 -0.24	36.85 0.72 -0.35	43.30 0.63 -0.59	43.90 0.80 -0.73	39.72 0.84 -0.50	36.83 0.99 -0.40	32.31 0.87 -0.36	28.60 0.72 -0.16	27.19 0.63 -0.14
NEG CENTRAL___STATE_STREET 24147	24.46 0.00 0.00	22.47 -0.09 0.00	20.82 -0.15 0.00	19.47 -0.16 0.00	19.90 -0.14 0.00	20.74 -0.10 0.00	23.13 -0.16 0.00	23.65 -0.05 0.00	23.92 0.00 0.00	24.44 0.05 0.00	25.50 0.13 -0.21	27.22 0.24 -0.39	28.38 0.28 -0.44	28.89 0.42 -0.36	32.60 0.56 -0.69	32.97 0.51 -0.61	37.35 0.68 -0.89	44.28 0.72 -1.50	45.01 0.80 -1.85	40.45 0.81 -1.27	37.25 0.82 -1.00	32.73 0.75 -0.91	28.71 0.58 -0.40	27.19 0.42 -0.36
NEG MILLWOOD___DRP 24198	26.22 1.76 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.02 1.39 0.00	21.46 1.42 0.00	22.33 1.48 0.00	24.97 1.68 0.00	25.55 1.85 0.00	25.90 1.98 0.00	26.44 2.05 0.00	27.33 2.16 0.00	28.79 2.21 0.00	30.29 2.63 0.00	30.86 2.75 0.00	34.55 3.20 0.00	35.10 3.25 0.00	39.54 3.76 0.00	46.61 4.54 0.00	46.76 4.41 0.00	42.14 3.76 0.00	38.84 3.40 0.00	33.78 2.70 0.00	29.99 2.27 0.00	28.32 1.90 0.00
NEG NORTH_FLCN_SEA 23793	24.29 -0.17 0.00	22.50 -0.07 0.00	20.91 -0.06 0.00	19.53 -0.10 0.00	19.92 -0.12 0.00	20.64 -0.21 0.00	23.10 -0.19 0.00	23.39 -0.31 0.00	23.63 -0.29 0.00	23.97 -0.41 0.00	24.69 -0.48 0.00	26.05 -0.53 0.00	26.83 -0.83 0.00	27.15 -0.96 0.00	30.09 -1.25 0.00	30.51 -1.34 0.00	34.17 -1.61 0.00	40.26 -1.81 0.00	40.45 -1.91 0.00	36.69 -1.69 0.00	33.92 -1.52 0.00	29.61 -1.46 0.00	26.39 -1.33 0.00	25.33 -1.08 0.00
NEG NORTH_KES_CHATEGAY 23792	24.04 -0.42 0.00	22.27 -0.29 0.00	20.68 -0.29 0.00	19.31 -0.31 0.00	19.70 -0.34 0.00	20.43 -0.42 0.00	22.87 -0.42 0.00	23.13 -0.57 0.00	23.34 -0.57 0.00	23.71 -0.68 0.00	24.41 -0.75 0.17	25.57 -0.85 0.00	26.50 -1.16 0.00	26.81 -1.29 0.00	29.75 -1.60 0.00	30.16 -1.69 0.00	33.74 -2.04 0.00	39.80 -2.27 0.00	39.99 -2.37 0.00	36.27 -2.11 0.00	33.53 -1.91 0.00	29.30 -1.77 0.00	26.17 -1.55 0.00	25.12 -1.29 0.00
NEG NORTH___ALICE_FALLS 23915	24.24 -0.22 0.00	22.45 -0.11 0.00	20.85 -0.13 0.00	19.47 -0.16 0.00	19.86 -0.18 0.00	20.57 -0.27 0.00	23.06 -0.23 0.00	23.34 -0.36 0.00	23.60 -0.31 0.00	23.93 -0.46 0.00	24.61 -0.55 0.00	25.93 -0.61 0.05	26.75 -0.91 0.00	27.09 -1.01 0.00	30.00 -1.35 0.00	30.42 -1.43 0.00	34.10 -1.68 0.00	40.18 -1.89 0.00	40.37 -1.99 0.00	36.65 -1.73 0.00	33.95 -1.49 0.00	29.55 -1.52 0.00	26.33 -1.39 0.00	25.28 -1.14 0.00
NEG NORTH___LWR_SARANAC 23913	24.24 -0.22 0.00	22.45 -0.11 0.00	20.85 -0.13 0.00	19.47 -0.16 0.00	19.86 -0.18 0.00	20.57 -0.27 0.00	23.06 -0.23 0.00	23.34 -0.36 0.00	23.60 -0.31 0.00	23.93 -0.46 0.00	24.61 -0.55 0.00	25.93 -0.61 0.05	26.75 -0.91 0.00	27.09 -1.01 0.00	30.00 -1.35 0.00	30.42 -1.43 0.00	34.10 -1.68 0.00	40.18 -1.89 0.00	40.37 -1.99 0.00	36.65 -1.73 0.00	33.95 -1.49 0.00	29.55 -1.52 0.00	26.33 -1.39 0.00	25.28 -1.14 0.00
NEG NORTH___PLATTSBURG 23628	24.24 -0.22 0.00	22.45 -0.11 0.00	20.85 -0.13 0.00	19.47 -0.16 0.00	19.86 -0.18 0.00	20.60 -0.25 0.00	23.08 -0.21 0.00	23.44 -0.26 0.00	23.60 -0.31 0.00	23.93 -0.46 0.00	24.61 -0.55 0.00	25.93 -0.61 0.05	26.72 -0.94 0.00	27.07 -1.04 0.00	30.00 -1.35 0.00	30.42 -1.43 0.00	34.10 -1.68 0.00	40.22 -1.85 0.00	40.37 -1.99 0.00	36.65 -1.73 0.00	33.95 -1.49 0.00	29.55 -1.52 0.00	26.25 -1.47 0.00	25.28 -1.14 0.00
NEG WEST_LEA_LOCKPORT 23791	23.09 -1.37 0.00	20.99 -1.58 0.00	19.42 -1.55 0.00	18.16 -1.47 0.00	18.54 -1.50 0.00	19.35 -1.50 0.00	21.29 -2.00 0.00	21.83 -1.87 0.00	22.36 -1.55 0.00	22.81 -1.59 0.00	23.98 -1.18 0.00	25.58 -1.01 0.00	26.48 -1.19 0.00	27.26 -0.84 0.00	30.69 -0.66 0.00	30.90 -0.96 0.00	34.50 -1.29 0.00	39.80 -2.27 0.00	40.50 -1.86 0.00	36.84 -1.54 0.00	34.59 -0.85 0.00	30.27 -0.81 0.00	27.00 -0.72 0.00	26.12 -0.29 0.00
NEG WEST___LANCASTR 23811	23.21 -1.25 0.00	21.10 -1.47 0.00	19.53 -1.45 0.00	18.25 -1.37 0.00	18.64 -1.40 0.00	19.47 -1.38 0.00	21.47 -1.82 0.00	21.92 -1.78 0.00	22.43 -1.48 0.00	22.88 -1.51 0.00	24.06 -1.11 0.00	25.65 -0.93 0.00	26.61 -1.05 0.00	27.49 -0.62 0.00	30.91 -0.44 0.00	31.28 -0.57 0.00	35.00 -0.79 0.00	40.43 -1.64 0.00	41.13 -1.23 0.00	37.34 -1.04 0.00	34.91 -0.53 0.00	30.55 -0.53 0.00	27.20 -0.53 0.00	26.36 -0.05 0.00
NEG_PENN_ALLEGHNY 23528	24.56 0.10 0.00	22.54 -0.02 0.00	20.91 -0.06 0.00	19.55 -0.08 0.00	19.98 -0.06 0.00	20.80 -0.04 0.00	23.20 -0.09 0.00	23.70 0.00 0.00	24.01 0.10 0.00	24.51 0.12 0.00	25.48 0.23 -0.09	27.09 0.32 -0.19	28.28 0.42 -0.20	28.86 0.59 -0.16	32.38 0.72 -0.31	32.82 0.70 -0.28	37.00 0.82 -0.40	43.50 0.76 -0.67	44.11 0.93 -0.82	39.83 0.88 -0.57	36.81 0.92 -0.45	32.26 0.78 -0.41	28.59 0.69 -0.18	27.13 0.56 -0.16
NEG___GEN_MONROE 24207	23.97 -0.49 0.00	21.91 -0.65 0.00	20.24 -0.73 0.00	18.90 -0.73 0.00	19.28 -0.76 0.00	20.16 -0.69 0.00	22.36 -0.93 0.00	22.94 -0.76 0.00	23.27 -0.65 0.00	23.83 -0.56 0.00	24.91 -0.25 0.00	26.48 -0.11 0.00	27.50 -0.17 0.00	28.19 0.08 0.00	31.66 0.31 0.00	32.07 0.22 0.00	35.89 0.11 0.00	41.86 -0.21 0.00	42.36 0.00 0.00	38.45 0.08 0.00	35.94 0.50 0.00	31.54 0.47 0.00	28.05 0.33 0.00	26.94 0.53 0.00
NEPA___ENERGY 23901	23.46 -1.00 0.00	21.35 -1.22 0.00	19.74 -1.24 0.00	18.45 -1.18 0.00	18.86 -1.18 0.00	19.68 -1.17 0.00	21.71 -1.58 0.00	22.26 -1.45 0.00	22.77 -1.15 0.00	23.22 -1.17 0.00	24.41 -0.75 0.00	26.00 -0.58 0.00	26.97 -0.69 0.00	27.83 -0.28 0.00	31.29 -0.06 0.00	31.69 -0.16 0.00	35.50 -0.29 0.00	41.06 -1.01 0.00	41.72 -0.64 0.00	37.92 -0.46 0.00	35.44 0.00 0.00	31.04 -0.03 0.00	27.64 -0.08 0.00	26.68 0.26 0.00

NEVERSINK___HYD 23608	25.56 1.10 0.00	23.42 0.86 0.00	21.83 0.86 0.00	20.45 0.82 0.00	20.90 0.86 0.00	21.74 0.90 0.00	24.29 1.00 0.00	24.72 1.02 0.00	25.11 1.20 0.00	25.61 1.22 0.00	26.45 1.28 0.00	27.83 1.25 0.00	29.24 1.58 0.00	29.82 1.71 0.00	33.36 2.01 0.00	33.92 2.07 0.00	38.11 2.32 0.00	44.93 2.86 0.00	45.11 2.75 0.00	40.76 2.38 0.00	37.57 2.13 0.00	32.72 1.65 0.00	29.16 1.44 0.00	27.47 1.06 0.00
NEWKRMKL_115KV_TB1 55635	25.36 0.90 0.00	23.56 0.99 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.92 0.88 0.00	21.76 0.92 0.00	24.29 1.00 0.00	24.70 1.00 0.00	24.61 0.69 0.00	25.10 0.71 0.00	25.87 0.70 0.00	27.30 0.72 0.00	28.63 0.97 0.00	29.06 0.96 0.00	32.35 1.00 0.00	32.93 1.08 0.00	37.07 1.29 0.00	43.71 1.64 0.00	44.05 1.69 0.00	39.83 1.46 0.00	36.68 1.24 0.00	32.10 1.03 0.00	28.64 0.91 0.00	27.15 0.74 0.00
NEWTON___FALLS_HYD 23847	23.68 -0.78 0.00	22.05 -0.52 0.00	20.47 -0.50 0.00	19.14 -0.49 0.00	19.56 -0.48 0.00	20.39 -0.46 0.00	22.78 -0.51 0.00	23.01 -0.69 0.00	23.13 -0.79 0.00	23.39 -1.00 0.00	24.09 -1.16 -0.08	24.34 -1.25 1.00	26.46 -1.38 -0.17	26.82 -1.43 -0.14	29.93 -1.69 -0.27	30.34 -1.75 -0.24	34.24 -1.90 -0.35	40.56 -2.10 -0.60	41.06 -2.03 -0.73	37.35 -1.54 -0.50	34.42 -1.42 -0.40	30.26 -1.18 -0.36	26.86 -1.03 -0.16	25.68 -0.87 -0.14
NGRID_A1_DSASP 323792	22.14 -2.30 0.02	20.11 -2.44 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.75 -2.26 0.02	18.51 -2.31 0.02	20.38 -2.89 0.02	20.91 -2.77 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.62 -1.94 0.02	25.54 -2.10 0.02	26.37 -1.72 0.02	29.51 -1.82 0.02	29.98 -1.85 0.02	33.25 -2.51 0.02	38.18 -3.87 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.19 -1.86 0.02	26.15 -1.55 0.02	25.41 -1.00 0.00
NGRID_A2_DSASP 323793	22.14 -2.30 0.02	20.11 -2.44 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.75 -2.26 0.02	18.51 -2.31 0.02	20.38 -2.89 0.02	20.91 -2.77 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.62 -1.94 0.02	25.54 -2.10 0.02	26.37 -1.72 0.02	29.51 -1.82 0.02	29.98 -1.85 0.02	33.25 -2.51 0.02	38.18 -3.87 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.19 -1.86 0.02	26.15 -1.55 0.02	25.41 -1.00 0.00
NGRID_A4_DSASP 323807	22.14 -2.30 0.02	20.11 -2.44 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.75 -2.26 0.02	18.51 -2.31 0.02	20.38 -2.89 0.02	20.91 -2.77 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.62 -1.94 0.02	25.54 -2.10 0.02	26.37 -1.72 0.02	29.51 -1.82 0.02	29.98 -1.85 0.02	33.25 -2.51 0.02	38.18 -3.87 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.19 -1.86 0.02	26.15 -1.55 0.02	25.41 -1.00 0.00
NIAGARA_115E_LBMP 323715	22.60 -1.86 0.00	20.58 -1.99 0.00	19.02 -1.95 0.00	17.78 -1.85 0.00	18.16 -1.88 0.00	18.93 -1.92 0.00	20.82 -2.47 0.00	21.31 -2.39 0.00	21.86 -2.06 0.00	22.24 -2.15 0.00	23.43 -1.74 0.00	25.02 -1.57 0.00	25.92 -1.74 0.00	26.67 -1.43 0.00	29.88 -1.47 0.00	30.42 -1.43 0.00	33.74 -2.04 0.00	38.70 -3.37 0.00	39.65 -2.71 0.00	36.11 -2.26 0.00	33.92 -1.52 0.00	29.71 -1.37 0.00	26.67 -1.05 0.00	25.67 -0.74 0.00
NIAGARA_115W_LBMP 323714	22.04 -2.40 0.02	19.99 -2.55 0.02	18.50 -2.45 0.02	17.31 -2.30 0.02	17.67 -2.34 0.02	18.43 -2.40 0.02	20.29 -2.98 0.02	20.81 -2.87 0.02	21.36 -2.54 0.02	21.78 -2.59 0.02	22.95 -2.19 0.02	24.52 -2.05 0.02	25.43 -2.21 0.02	26.26 -1.83 0.02	29.41 -1.91 0.02	29.85 -1.97 0.02	33.15 -2.61 0.02	38.05 -4.00 0.02	38.95 -3.39 0.02	35.44 -2.92 0.02	33.19 -2.23 0.02	29.06 -1.99 0.02	26.04 -1.66 0.02	25.33 -1.08 0.00
NIAGARA_230_LBMP 323716	22.74 -1.71 0.00	20.71 -1.85 0.00	19.15 -1.82 0.00	17.92 -1.71 0.00	18.30 -1.74 0.00	19.07 -1.77 0.00	20.98 -2.31 0.00	21.47 -2.23 0.00	22.00 -1.91 0.00	22.41 -1.97 0.00	23.55 -1.61 0.00	25.15 -1.44 0.00	26.06 -1.61 0.00	26.78 -1.32 0.00	30.00 -1.35 0.00	30.48 -1.37 0.00	33.85 -1.93 0.00	38.87 -3.20 0.00	39.77 -2.59 0.00	36.23 -2.15 0.00	33.98 -1.45 0.00	29.77 -1.30 0.00	26.72 -1.00 0.00	25.70 -0.71 0.00
NIAGARA___115KV_198_GIBSON 55903	22.04 -2.40 0.02	20.02 -2.53 0.02	18.52 -2.43 0.02	17.31 -2.30 0.02	17.69 -2.32 0.02	18.47 -2.36 0.02	20.33 -2.93 0.02	20.83 -2.84 0.02	21.36 -2.54 0.02	21.78 -2.59 0.02	22.95 -2.19 0.02	24.46 -2.10 0.02	25.35 -2.30 0.02	26.14 -1.94 0.02	29.45 -1.88 0.02	29.73 -2.10 0.02	33.18 -2.58 0.02	38.30 -3.74 0.02	38.95 -3.39 0.02	35.40 -2.95 0.02	33.19 -2.23 0.02	29.06 -1.99 0.02	25.87 -1.83 0.02	25.33 -1.08 0.00
NIAGARA____ 23760	22.74 -1.71 0.01	20.71 -1.85 0.01	19.14 -1.82 0.01	17.91 -1.71 0.01	18.29 -1.74 0.01	19.06 -1.77 0.01	20.98 -2.31 0.01	21.47 -2.23 0.01	22.00 -1.91 0.01	22.41 -1.97 0.01	23.55 -1.61 0.01	25.14 -1.44 0.01	26.05 -1.61 0.01	26.78 -1.32 0.01	30.00 -1.35 0.01	30.47 -1.37 0.00	33.84 -1.93 0.00	38.87 -3.20 0.00	39.77 -2.59 0.00	36.22 -2.15 0.00	33.98 -1.45 0.01	29.77 -1.30 0.01	26.72 -1.00 0.01	25.70 -0.71 0.00
NINE_MILE_1 23575	23.75 -0.71 0.00	21.86 -0.70 0.00	20.32 -0.65 0.00	19.00 -0.63 0.00	19.42 -0.62 0.00	20.20 -0.65 0.00	22.52 -0.77 0.00	22.89 -0.81 0.00	23.13 -0.79 0.00	23.61 -0.78 0.00	23.00 -0.75 1.41	22.97 -0.74 2.87	23.96 -0.75 2.95	24.97 -0.70 2.43	25.94 -0.75 4.65	26.95 -0.76 4.13	28.93 -0.86 5.99	30.88 -1.09 10.10	28.85 -1.06 12.45	28.90 -0.92 8.56	27.92 -0.78 6.74	24.23 -0.68 6.16	24.39 -0.61 2.72	23.35 -0.66 2.41
NINE_MILE_2 23744	23.75 -0.71 0.00	21.86 -0.70 0.00	20.32 -0.65 0.00	19.02 -0.61 0.00	19.42 -0.62 0.00	20.20 -0.65 0.00	22.54 -0.75 0.00	22.89 -0.81 0.00	23.13 -0.79 0.00	23.61 -0.78 0.00	22.98 -0.75 1.43	22.92 -0.74 2.92	23.92 -0.75 3.00	24.93 -0.70 2.47	25.87 -0.75 4.72	26.89 -0.76 4.20	28.84 -0.86 6.09	30.73 -1.09 10.25	28.66 -1.06 12.64	28.77 -0.92 8.69	27.82 -0.78 6.84	24.14 -0.68 6.25	24.34 -0.61 2.77	23.31 -0.66 2.44
NM_CAPITAL___DRP 24208	25.39 0.93 0.00	23.53 0.97 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.92 0.88 0.00	21.78 0.94 0.00	24.29 1.00 0.00	24.70 1.00 0.00	24.66 0.74 0.00	25.15 0.76 0.00	25.89 0.73 0.00	27.35 0.77 0.00	28.69 1.02 0.00	29.12 1.01 0.00	32.45 1.10 0.00	32.99 1.15 0.00	37.14 1.36 0.00	43.80 1.72 0.00	44.14 1.78 0.00	39.91 1.54 0.00	36.75 1.31 0.00	32.19 1.12 0.00	28.66 0.94 0.00	27.18 0.77 0.00
NM_CENTRAL___DRP 24181	24.24 -0.22 0.00	22.29 -0.27 0.00	20.68 -0.29 0.00	19.33 -0.29 0.00	19.76 -0.28 0.00	20.57 -0.27 0.00	22.96 -0.33 0.00	23.42 -0.28 0.00	23.68 -0.24 0.00	24.19 -0.20 0.00	25.15 -0.15 -0.14	26.73 -0.08 -0.23	27.92 -0.03 -0.29	28.43 0.08 -0.24	31.93 0.13 -0.45	32.34 0.10 -0.40	36.51 0.14 -0.58	43.09 0.04 -0.98	43.65 0.08 -1.21	39.32 0.12 -0.83	36.23 0.14 -0.65	31.86 0.19 -0.60	28.10 0.11 -0.26	26.65 0.00 -0.23

NM_FRONTIER___DRP 24179	22.04 -2.40 0.02	20.02 -2.53 0.02	18.52 -2.43 0.02	17.31 -2.30 0.02	17.69 -2.32 0.02	18.47 -2.36 0.02	20.33 -2.93 0.02	20.83 -2.84 0.02	21.36 -2.54 0.02	21.78 -2.59 0.02	22.95 -2.19 0.02	24.46 -2.10 0.02	25.35 -2.30 0.02	26.14 -1.94 0.02	29.45 -1.88 0.02	29.73 -2.10 0.02	33.18 -2.58 0.02	38.30 -3.74 0.02	38.95 -3.39 0.02	35.40 -2.95 0.02	33.19 -2.23 0.02	29.06 -1.99 0.02	25.87 -1.83 0.02	25.33 -1.08 0.00
NM_ST_REGIS___HYD 24053	23.68 -0.78 0.00	22.16 -0.41 0.00	20.57 -0.40 0.00	19.23 -0.39 0.00	19.66 -0.38 0.00	20.41 -0.44 0.00	22.87 -0.42 0.00	22.99 -0.71 0.00	23.10 -0.81 0.00	23.29 -1.10 0.00	23.88 -1.28 0.00	23.64 -1.46 1.48	25.89 -1.77 0.00	26.19 -1.91 0.00	29.09 -2.26 0.00	29.52 -2.32 0.00	33.10 -2.68 0.00	39.04 -3.03 0.00	39.27 -3.09 0.00	35.77 -2.61 0.00	33.06 -2.37 0.00	29.02 -2.05 0.00	26.00 -1.72 0.00	25.07 -1.35 0.00
NORTHPORT___1 23551	32.97 1.98 -6.53	27.59 1.81 -3.22	24.70 1.74 -1.99	23.23 1.69 -1.92	22.14 1.72 -0.38	23.95 1.77 -1.34	26.20 1.98 -0.93	28.92 2.13 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.65 2.34 -6.15	39.10 2.39 -10.12	38.93 2.82 -8.44	39.87 3.01 -8.75	43.09 3.48 -8.27	41.95 3.53 -6.57	46.25 4.11 -6.35	54.24 4.88 -7.29	52.00 4.79 -4.85	42.52 4.15 0.00	39.12 3.69 0.00	37.34 2.98 -3.29	32.10 2.58 -1.80	31.45 2.14 -2.90
NORTHPORT___2 23552	32.97 1.98 -6.53	27.59 1.81 -3.22	24.70 1.74 -1.99	23.23 1.69 -1.92	22.14 1.72 -0.38	23.95 1.77 -1.34	26.20 1.98 -0.93	28.92 2.13 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.65 2.34 -6.15	39.10 2.39 -10.12	38.93 2.82 -8.44	39.87 3.01 -8.75	43.09 3.48 -8.27	41.95 3.53 -6.57	46.25 4.11 -6.35	54.24 4.88 -7.29	52.00 4.79 -4.85	42.52 4.15 0.00	39.12 3.69 0.00	37.34 2.98 -3.29	32.10 2.58 -1.80	31.45 2.14 -2.90
NORTHPORT___3 23553	32.87 1.88 -6.53	27.41 1.63 -3.22	24.54 1.57 -1.99	23.06 1.51 -1.92	21.96 1.54 -0.38	23.75 1.56 -1.34	25.99 1.77 -0.93	28.75 1.97 -3.09	31.95 2.18 -5.86	32.19 2.29 -5.51	33.30 1.99 -6.15	38.72 2.02 -10.12	38.54 2.44 -8.44	39.47 2.61 -8.75	42.59 2.98 -8.26	41.47 3.06 -6.56	45.71 3.58 -6.35	53.60 4.25 -7.28	51.28 4.07 -4.85	41.75 3.38 0.00	38.49 3.05 0.00	36.81 2.45 -3.29	31.74 2.22 -1.80	31.11 1.80 -2.90
NORTHPORT___4 23650	32.87 1.88 -6.53	27.41 1.63 -3.22	24.54 1.57 -1.99	23.06 1.51 -1.92	21.96 1.54 -0.38	23.75 1.56 -1.34	25.99 1.77 -0.93	28.75 1.97 -3.09	31.95 2.18 -5.86	32.19 2.29 -5.51	33.30 1.99 -6.15	38.72 2.02 -10.12	38.54 2.44 -8.44	39.47 2.61 -8.75	42.59 2.98 -8.26	41.47 3.06 -6.56	45.71 3.58 -6.35	53.60 4.25 -7.28	51.28 4.07 -4.85	41.75 3.38 0.00	38.49 3.05 0.00	36.81 2.45 -3.29	31.74 2.22 -1.80	31.11 1.80 -2.90
NORTHPORT___IC 23718	33.00 2.01 -6.53	27.59 1.81 -3.22	24.70 1.74 -1.99	23.23 1.69 -1.92	22.14 1.72 -0.38	23.95 1.77 -1.34	26.20 1.98 -0.93	28.99 2.20 -3.09	32.05 2.27 -5.86	32.26 2.37 -5.51	33.65 2.34 -6.15	39.09 2.39 -10.12	38.90 2.79 -8.44	39.89 3.04 -8.75	43.09 3.48 -8.27	41.98 3.57 -6.57	46.25 4.11 -6.35	54.24 4.88 -7.29	51.96 4.74 -4.85	42.52 4.14 0.00	39.12 3.69 0.00	37.34 2.98 -3.29	32.04 2.52 -1.80	31.45 2.14 -2.90
NORTH___COUNTRY_ESR 323785	23.99 -0.47 0.00	22.23 -0.34 0.00	20.64 -0.34 0.00	19.27 -0.35 0.00	19.66 -0.38 0.00	20.39 -0.46 0.00	22.82 -0.47 0.00	23.18 -0.52 0.00	23.32 -0.60 0.00	23.68 -0.71 0.00	24.38 -0.78 0.00	25.54 -0.88 0.17	26.45 -1.22 0.00	26.76 -1.35 0.00	29.69 -1.66 0.00	30.10 -1.75 0.00	33.71 -2.08 0.00	39.72 -2.36 0.00	39.90 -2.46 0.00	36.15 -2.23 0.00	33.42 -2.02 0.00	29.21 -1.86 0.00	26.03 -1.69 0.00	25.07 -1.35 0.00
NPX_GEN_1385_PROXY 323591	32.36 1.37 -6.53	27.45 1.67 -3.22	24.62 1.66 -1.99	23.13 1.59 -1.92	22.18 1.76 -0.38	24.02 1.83 -1.34	26.08 1.86 -0.93	28.54 1.75 -3.09	31.27 1.60 -5.75	31.20 1.68 -5.13	31.79 1.63 -4.99	32.18 1.62 -3.98	34.12 2.02 -4.44	35.00 2.19 -4.70	35.54 2.54 -1.65	38.16 2.61 -3.70	45.22 3.26 -6.18	51.73 3.79 -5.87	51.28 4.07 -4.85	42.25 3.87 0.00	38.45 3.01 0.00	36.66 2.30 -3.29	31.69 2.16 -1.80	31.03 1.72 -2.90
NPX_GEN_CSC 323557	33.09 2.10 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.25 1.71 -1.92	22.14 1.72 -0.38	23.95 1.77 -1.34	26.20 1.98 -0.93	28.97 2.18 -3.09	32.14 2.37 -5.86	32.39 2.49 -5.51	34.01 2.69 -6.15	39.47 2.76 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.67 4.05 -8.28	42.53 4.11 -6.58	46.97 4.83 -6.36	55.09 5.72 -7.30	52.81 5.59 -4.86	43.14 4.76 -0.01	39.69 4.25 0.00	37.84 3.48 -3.29	32.40 2.88 -1.80	31.64 2.33 -2.90
NSINS_S_GLNS_FALLS 23858	25.73 1.27 0.00	23.78 1.22 0.00	22.02 1.05 0.00	20.57 0.94 0.00	21.04 1.00 0.00	21.93 1.08 0.00	24.52 1.23 0.00	24.89 1.19 0.00	25.13 1.22 0.00	25.63 1.24 0.00	26.20 1.03 0.00	27.73 1.14 0.00	29.05 1.38 0.00	29.43 1.32 0.00	32.82 1.47 0.00	33.41 1.56 0.00	37.64 1.86 0.00	44.47 2.40 0.00	45.41 3.05 0.00	41.02 2.65 0.00	37.96 2.52 0.00	33.25 2.18 0.00	29.47 1.75 0.00	27.97 1.56 0.00
NUCOR_STEEL___DRP 24197	24.51 0.05 0.00	22.52 -0.05 0.00	20.89 -0.08 0.00	19.53 -0.10 0.00	19.96 -0.08 0.00	20.78 -0.06 0.00	23.17 -0.12 0.00	23.68 -0.02 0.00	23.92 0.00 0.00	24.44 0.05 0.00	25.49 0.10 -0.22	27.19 0.19 -0.42	28.36 0.22 -0.47	28.86 0.37 -0.39	32.56 0.47 -0.74	32.95 0.45 -0.66	37.31 0.57 -0.95	44.26 0.59 -1.61	45.02 0.68 -1.98	40.47 0.73 -1.36	37.25 0.74 -1.07	32.74 0.68 -0.98	28.71 0.55 -0.43	27.22 0.42 -0.38
NUMBER_THREE_WT_PWR 323818	24.34 -0.12 0.00	22.47 -0.09 0.00	20.89 -0.08 0.00	19.51 -0.12 0.00	19.94 -0.10 0.00	20.83 -0.02 0.00	23.22 -0.07 0.00	23.70 0.00 0.00	23.80 -0.12 0.00	24.15 -0.24 0.00	24.94 -0.33 -0.10	25.99 -0.29 0.30	27.62 -0.25 -0.21	28.02 -0.25 -0.17	31.33 -0.34 -0.33	31.79 -0.35 -0.29	35.96 -0.25 -0.42	42.66 -0.13 -0.71	43.28 0.04 -0.88	39.40 0.42 -0.60	36.23 0.32 -0.48	31.82 0.31 -0.43	28.16 0.25 -0.19	26.72 0.13 -0.17
NYISO_LBMP_REFERENCE 24008	24.46 0.00 0.00	22.56 0.00 0.00	20.97 0.00 0.00	19.63 0.00 0.00	20.04 0.00 0.00	20.85 0.00 0.00	23.29 0.00 0.00	23.70 0.00 0.00	23.92 0.00 0.00	24.39 0.00 0.00	25.16 0.00 0.00	26.58 0.00 0.00	27.66 0.00 0.00	28.11 0.00 0.00	31.35 0.00 0.00	31.85 0.00 0.00	35.78 0.00 0.00	42.07 0.00 0.00	42.36 0.00 0.00	38.38 0.00 0.00	35.44 0.00 0.00	31.07 0.00 0.00	27.72 0.00 0.00	26.41 0.00 0.00
NYPA_BRENTWD____GT 24164	33.32 2.32 -6.53	27.83 2.05 -3.22	24.93 1.97 -1.99	23.45 1.90 -1.92	22.36 1.94 -0.38	24.16 1.98 -1.34	26.43 2.21 -0.93	29.20 2.42 -3.09	32.38 2.61 -5.86	32.61 2.71 -5.51	34.15 2.84 -6.15	39.63 2.92 -10.12	39.48 3.37 -8.44	40.49 3.63 -8.75	43.75 4.14 -8.27	42.65 4.24 -6.57	46.93 4.80 -6.36	55.04 5.68 -7.29	52.76 5.55 -4.86	43.14 4.76 0.00	39.83 4.39 0.00	37.99 3.63 -3.29	32.60 3.08 -1.80	31.87 2.56 -2.90

NYPA_GOWANUS____GT5 24156	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.17 3.60 -0.22	67.28 3.66 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NYPA_GOWANUS____GT6 24157	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.67 1.97 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.74 3.02 -0.06	35.13 3.15 -3.88	35.17 3.60 -0.22	67.28 3.66 -31.77	70.32 4.26 -30.28	66.75 5.00 -19.68	66.75 4.74 -19.65	42.44 4.03 -0.04	39.25 3.75 -0.06	34.11 2.98 -0.06	43.66 2.66 -13.27	28.60 2.17 -0.02
NYPA_HARLEM__RVR__GT1 24160	26.37 1.91 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.22 1.59 -0.01	21.67 1.62 -0.01	22.37 1.52 0.00	24.92 1.63 0.00	25.54 1.85 0.01	26.04 2.13 0.01	26.70 2.32 0.01	27.61 2.44 -0.01	29.07 2.50 0.01	30.58 2.90 -0.01	33.78 3.04 -2.64	34.93 3.48 -0.11	36.00 3.53 -0.62	39.96 4.04 -0.14	46.73 4.67 0.01	46.71 4.36 0.01	42.05 3.68 0.01	38.87 3.44 0.01	33.84 2.76 0.00	30.33 2.60 0.00	28.48 2.06 0.00
NYPA_HARLEM__RVR__GT2 24161	26.37 1.91 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.22 1.59 -0.01	21.67 1.62 -0.01	22.37 1.52 0.00	24.92 1.63 0.00	25.54 1.85 0.01	26.04 2.13 0.01	26.70 2.32 0.01	27.61 2.44 -0.01	29.07 2.50 0.01	30.58 2.90 -0.01	33.78 3.04 -2.64	34.93 3.48 -0.11	36.00 3.53 -0.62	39.96 4.04 -0.14	46.73 4.67 0.01	46.71 4.36 0.01	42.05 3.68 0.01	38.87 3.44 0.01	33.84 2.76 0.00	30.33 2.60 0.00	28.48 2.06 0.00
NYPA_KENT____GT 24152	26.39 1.93 0.00	24.21 1.65 0.00	22.56 1.59 0.00	21.19 1.55 -0.01	21.61 1.56 -0.01	22.35 1.50 0.00	24.99 1.70 0.00	25.67 1.97 0.00	26.16 2.25 0.00	32.55 2.44 -5.72	34.85 2.54 -7.15	29.25 2.63 -0.03	30.69 2.99 -0.04	34.55 3.09 -3.35	35.10 3.57 -0.17	53.94 3.63 -18.46	57.89 4.18 -17.93	58.25 4.92 -11.26	58.27 4.66 -11.25	42.35 3.95 -0.02	39.16 3.69 -0.03	34.06 2.95 -0.03	37.93 2.60 -7.60	28.51 2.09 -0.01
NYPA_POUCH1____GT 24155	26.47 2.01 -0.01	24.26 1.69 0.00	22.59 1.61 0.00	21.21 1.57 -0.01	21.63 1.58 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.11 2.20 0.00	35.68 2.39 -8.90	38.77 2.49 -11.11	29.22 2.58 -0.06	30.62 2.90 -0.06	35.02 3.04 -3.88	35.08 3.51 -0.22	67.22 3.60 -31.77	70.25 4.18 -30.28	66.67 4.92 -19.68	66.67 4.66 -19.65	42.37 3.95 -0.04	39.15 3.65 -0.06	34.05 2.92 -0.06	43.57 2.58 -13.27	28.57 2.14 -0.02
NYPA_VERNON____GT2 24162	26.34 1.88 0.00	24.17 1.60 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.59 1.54 -0.01	22.35 1.50 0.00	24.99 1.70 0.00	25.64 1.94 0.00	26.14 2.22 0.00	29.32 2.39 -2.54	30.86 2.52 -3.18	29.17 2.58 -0.01	30.65 2.96 -0.02	34.02 3.09 -2.83	35.02 3.54 -0.13	40.56 3.57 -5.15	45.50 4.15 -5.57	49.80 4.88 -2.85	49.78 4.58 -2.85	42.30 3.92 -0.01	39.06 3.62 -0.01	33.97 2.89 -0.01	32.22 2.58 -1.93	28.45 2.03 0.00
NYPA_VERNON____GT3 24163	26.34 1.88 0.00	24.17 1.60 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.59 1.54 -0.01	22.35 1.50 0.00	24.99 1.70 0.00	25.64 1.94 0.00	26.14 2.22 0.00	29.32 2.39 -2.54	30.86 2.52 -3.18	29.17 2.58 -0.01	30.65 2.96 -0.02	34.02 3.09 -2.83	35.02 3.54 -0.13	40.56 3.57 -5.15	45.50 4.15 -5.57	49.80 4.88 -2.85	49.78 4.58 -2.85	42.30 3.92 -0.01	39.06 3.62 -0.01	33.97 2.89 -0.01	32.22 2.58 -1.93	28.45 2.03 0.00
NYPA__ASTORIA_CC1 323568	26.32 1.86 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.11 2.20 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.61 2.93 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.02 3.53 -0.63	41.24 4.08 -1.38	46.86 4.79 0.00	46.89 4.53 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.27 2.55 0.00	28.42 2.01 0.00
NYPA__ASTORIA_CC2 323569	26.32 1.86 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.11 2.20 0.00	28.01 2.37 -1.26	29.21 2.47 -1.58	29.13 2.55 0.00	30.61 2.93 -0.02	33.79 3.04 -2.65	34.94 3.48 -0.11	36.02 3.53 -0.63	41.24 4.08 -1.38	46.86 4.79 0.00	46.89 4.53 0.00	42.21 3.84 0.00	39.02 3.58 0.00	33.93 2.86 0.00	30.27 2.55 0.00	28.42 2.01 0.00
NYPA__HOLTSVILL 23794	33.17 2.18 -6.53	27.70 1.92 -3.22	24.81 1.85 -1.99	23.33 1.79 -1.92	22.22 1.80 -0.38	24.04 1.85 -1.34	26.29 2.07 -0.93	29.06 2.28 -3.09	32.22 2.44 -5.86	32.46 2.56 -5.51	34.01 2.69 -6.15	39.44 2.74 -10.12	39.28 3.18 -8.44	40.29 3.43 -8.75	43.54 3.92 -8.28	42.44 4.01 -6.58	46.79 4.65 -6.36	54.88 5.51 -7.30	52.60 5.38 -4.86	42.99 4.60 -0.01	39.62 4.18 0.00	37.78 3.42 -3.29	32.43 2.91 -1.80	31.72 2.40 -2.90
NYPA__HELLGATE_GT1 24158	26.37 1.91 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.22 1.59 -0.01	21.67 1.62 -0.01	22.37 1.52 0.00	24.92 1.63 0.00	25.54 1.85 0.01	26.04 2.13 0.01	26.70 2.32 0.01	27.61 2.44 -0.01	29.07 2.50 0.01	30.60 2.93 -0.01	33.78 3.04 -2.64	34.93 3.48 -0.11	36.00 3.53 -0.62	39.71 4.04 0.11	46.73 4.67 0.01	46.71 4.36 0.01	42.05 3.68 0.01	38.87 3.44 0.01	33.84 2.76 0.00	30.33 2.60 0.00	28.48 2.06 0.00
NYPA__HELLGATE_GT2 24159	26.37 1.91 0.00	24.21 1.65 0.00	22.65 1.68 0.00	21.22 1.59 -0.01	21.67 1.62 -0.01	22.37 1.52 0.00	24.92 1.63 0.00	25.54 1.85 0.01	26.04 2.13 0.01	26.70 2.32 0.01	27.61 2.44 -0.01	29.07 2.50 0.01	30.60 2.93 -0.01	33.78 3.04 -2.64	34.93 3.48 -0.11	36.00 3.53 -0.62	39.71 4.04 0.11	46.73 4.67 0.01	46.71 4.36 0.01	42.05 3.68 0.01	38.87 3.44 0.01	33.84 2.76 0.00	30.33 2.60 0.00	28.48 2.06 0.00
NYS_BARGE____HYD 23848	23.14 -1.32 0.00	21.01 -1.56 0.00	19.44 -1.53 0.00	18.18 -1.45 0.00	18.56 -1.48 0.00	19.35 -1.50 0.00	21.29 -2.00 0.00	21.85 -1.85 0.00	22.41 -1.51 0.00	22.83 -1.56 0.00	24.06 -1.11 0.00	25.71 -0.88 0.00	26.64 -1.02 0.00	27.49 -0.62 0.00	30.75 -0.60 0.00	31.09 -0.76 0.00	34.53 -1.25 0.00	39.63 -2.44 0.00	40.58 -1.78 0.00	36.92 -1.46 0.00	34.66 -0.78 0.00	30.36 -0.71 0.00	27.23 -0.50 0.00	26.18 -0.24 0.00
OAK ORCHARD____HYD 24046	23.82 -0.64 0.00	21.77 -0.79 0.00	20.15 -0.82 0.00	18.84 -0.79 0.00	19.22 -0.82 0.00	20.05 -0.79 0.00	22.24 -1.05 0.00	22.82 -0.88 0.00	23.22 -0.69 0.00	23.76 -0.63 0.00	24.79 -0.38 0.00	26.37 -0.21 0.00	27.41 -0.25 0.00	28.11 0.00 0.00	31.44 0.09 0.00	31.98 0.13 0.00	35.71 -0.07 0.00	41.52 -0.55 0.00	42.11 -0.25 0.00	38.18 -0.19 0.00	35.62 0.18 0.00	31.26 0.19 0.00	27.86 0.14 0.00	26.55 0.13 0.00

OAKDALE___35_KV_LOAD 356122	24.51 0.05 0.00	22.47 -0.09 0.00	20.87 -0.10 0.00	19.51 -0.12 0.00	19.94 -0.10 0.00	20.76 -0.08 0.00	23.15 -0.14 0.00	23.65 -0.05 0.00	23.94 0.02 0.00	24.44 0.05 0.00	25.41 0.15 -0.09	27.01 0.24 -0.19	28.13 0.28 -0.19	28.71 0.45 -0.16	32.25 0.60 -0.30	32.69 0.57 -0.27	36.85 0.68 -0.39	43.36 0.63 -0.66	43.89 0.72 -0.81	39.66 0.73 -0.56	36.66 0.78 -0.44	32.13 0.65 -0.40	28.40 0.50 -0.18	27.02 0.45 -0.16
OCC_CHEM___DRP 24175	22.14 -2.30 0.02	20.13 -2.41 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.77 -2.24 0.02	18.55 -2.27 0.02	20.43 -2.84 0.02	20.93 -2.75 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.57 -1.99 0.02	25.46 -2.19 0.02	26.23 -1.85 0.02	29.54 -1.79 0.02	29.85 -1.97 0.02	33.29 -2.47 0.02	38.43 -3.62 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.16 -1.90 0.02	25.98 -1.72 0.02	25.41 -1.00 0.00
OH_GEN_PROXY 24063	22.77 -1.69 0.00	20.76 -1.81 0.00	19.19 -1.78 0.00	17.94 -1.69 0.00	18.32 -1.72 0.00	19.09 -1.75 0.00	21.03 -2.26 0.00	21.52 -2.18 0.00	22.05 -1.87 0.00	22.46 -1.93 0.00	23.60 -1.56 0.00	25.20 -1.38 0.00	26.11 -1.55 0.00	26.84 -1.26 0.00	30.06 -1.29 0.00	30.54 -1.31 0.00	33.92 -1.86 0.00	39.00 -3.07 0.00	39.86 -2.50 0.00	36.30 -2.07 0.00	34.06 -1.38 0.00	29.83 -1.24 0.00	26.78 -0.94 0.00	25.73 -0.69 0.00
OLIN_CORP_DRP 24177	22.65 -1.81 0.00	20.62 -1.94 0.00	19.06 -1.91 0.00	17.82 -1.81 0.00	18.20 -1.84 0.00	18.99 -1.86 0.00	20.87 -2.42 0.00	21.35 -2.35 0.00	21.91 -2.01 0.00	22.29 -2.10 0.00	23.45 -1.71 0.00	24.99 -1.59 0.00	25.87 -1.80 0.00	26.59 -1.52 0.00	29.94 -1.41 0.00	30.32 -1.53 0.00	33.81 -1.97 0.00	39.04 -3.03 0.00	39.69 -2.67 0.00	36.15 -2.23 0.00	33.95 -1.49 0.00	29.71 -1.37 0.00	26.53 -1.19 0.00	25.70 -0.71 0.00
OLIN_CORP_DSASP 323712	22.14 -2.30 0.02	20.11 -2.44 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.75 -2.26 0.02	18.51 -2.31 0.02	20.38 -2.89 0.02	20.91 -2.77 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.62 -1.94 0.02	25.54 -2.10 0.02	26.37 -1.72 0.02	29.51 -1.82 0.02	29.98 -1.85 0.02	33.25 -2.51 0.02	38.18 -3.87 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.19 -1.86 0.02	26.15 -1.55 0.02	25.41 -1.00 0.00
ONEIDA_HERK_LFGE 323681	24.80 0.34 0.00	22.86 0.29 0.00	21.22 0.25 0.00	19.84 0.22 0.00	20.28 0.24 0.00	21.16 0.31 0.00	23.59 0.30 0.00	24.08 0.38 0.00	24.27 0.36 0.00	24.71 0.32 0.00	25.50 0.28 -0.05	26.81 0.34 0.12	28.22 0.44 -0.11	28.68 0.48 -0.09	32.03 0.50 -0.18	32.52 0.51 -0.16	36.73 0.72 -0.23	43.38 0.92 -0.39	43.85 1.01 -0.48	39.90 1.19 -0.33	36.73 1.03 -0.26	32.21 0.90 -0.24	28.60 0.78 -0.10	27.12 0.61 -0.09
ONEIDA___115KV_TB4 55905	25.09 0.64 0.00	23.08 0.52 0.00	21.43 0.46 0.00	20.02 0.39 0.00	20.46 0.42 0.00	21.37 0.52 0.00	23.80 0.51 0.00	24.34 0.64 0.00	24.56 0.65 0.00	25.02 0.63 0.00	25.89 0.65 -0.07	27.41 0.77 -0.05	28.71 0.89 -0.16	29.19 0.96 -0.13	32.66 1.07 -0.24	33.15 1.08 -0.22	37.49 1.40 -0.32	44.29 1.68 -0.53	44.79 1.78 -0.66	40.63 1.80 -0.45	37.42 1.63 -0.35	32.83 1.43 -0.32	29.08 1.22 -0.14	27.57 1.03 -0.13
ONONDAGA_REF_OCCRA 23987	24.21 -0.24 0.00	22.27 -0.29 0.00	20.68 -0.29 0.00	19.33 -0.29 0.00	19.74 -0.30 0.00	20.55 -0.29 0.00	22.94 -0.35 0.00	23.42 -0.28 0.00	23.65 -0.26 0.00	24.19 -0.20 0.00	25.18 -0.15 -0.17	26.80 -0.08 -0.30	27.99 -0.03 -0.35	28.48 0.08 -0.29	32.06 0.16 -0.56	32.47 0.13 -0.49	36.64 0.14 -0.72	43.36 0.08 -1.21	43.93 0.08 -1.49	39.52 0.12 -1.02	36.42 0.18 -0.81	32.00 0.19 -0.74	28.16 0.11 -0.33	26.68 -0.03 -0.29
ONONDAGA___COGEN 23986	24.36 -0.10 0.00	22.41 -0.16 0.00	20.80 -0.17 0.00	19.43 -0.20 0.00	19.86 -0.18 0.00	20.68 -0.17 0.00	23.08 -0.21 0.00	23.56 -0.14 0.00	23.77 -0.14 0.00	24.29 -0.10 0.00	25.36 -0.05 -0.25	27.08 0.03 -0.47	28.25 0.06 -0.53	28.71 0.17 -0.43	32.43 0.25 -0.83	32.81 0.22 -0.74	37.13 0.29 -1.07	44.12 0.25 -1.80	44.87 0.30 -2.22	40.21 0.31 -1.52	36.99 0.35 -1.20	32.51 0.34 -1.10	28.46 0.25 -0.48	26.97 0.13 -0.43
ONTARIO___LFGE 23819	24.31 -0.15 0.00	22.23 -0.34 0.00	20.59 -0.38 0.00	19.21 -0.41 0.00	19.66 -0.38 0.00	20.51 -0.33 0.00	22.87 -0.42 0.00	23.46 -0.24 0.00	23.77 -0.14 0.00	24.32 -0.07 0.00	25.30 0.05 -0.08	26.99 0.24 -0.17	28.11 0.28 -0.17	28.78 0.53 -0.14	32.28 0.66 -0.27	32.67 0.57 -0.24	36.81 0.68 -0.35	43.17 0.51 -0.60	43.90 0.80 -0.73	39.72 0.84 -0.50	36.83 0.99 -0.40	32.40 0.96 -0.36	28.69 0.80 -0.16	27.19 0.63 -0.14
ORANGEVILLE_WT_PWR 323706	23.31 -1.15 0.00	21.19 -1.38 0.00	19.63 -1.34 0.00	18.33 -1.30 0.00	18.72 -1.32 0.00	19.51 -1.33 0.00	21.54 -1.75 0.00	22.09 -1.61 0.00	22.58 -1.34 0.00	23.05 -1.34 0.00	24.16 -1.01 0.00	25.79 -0.80 0.00	26.78 -0.89 0.00	27.57 -0.53 0.00	30.85 -0.50 0.00	31.34 -0.51 0.00	34.92 -0.86 0.00	40.34 -1.73 0.00	41.22 -1.14 0.00	37.53 -0.84 0.00	35.09 -0.35 0.00	30.76 -0.31 0.00	27.53 -0.19 0.00	26.39 -0.03 0.00
ORANGEVILLE___ESR 323794	23.31 -1.15 0.00	21.19 -1.38 0.00	19.63 -1.34 0.00	18.33 -1.30 0.00	18.72 -1.32 0.00	19.51 -1.33 0.00	21.54 -1.75 0.00	22.09 -1.61 0.00	22.58 -1.34 0.00	23.05 -1.34 0.00	24.16 -1.01 0.00	25.79 -0.80 0.00	26.78 -0.89 0.00	27.57 -0.53 0.00	30.85 -0.50 0.00	31.34 -0.51 0.00	34.92 -0.86 0.00	40.34 -1.73 0.00	41.22 -1.14 0.00	37.53 -0.84 0.00	35.09 -0.35 0.00	30.76 -0.31 0.00	27.53 -0.19 0.00	26.39 -0.03 0.00
OSWEGATCHIE___HYD 24044	23.67 -0.78 0.00	22.05 -0.52 0.00	20.49 -0.48 0.00	19.14 -0.49 0.00	19.56 -0.48 0.00	20.39 -0.46 0.00	22.80 -0.49 0.00	23.18 -0.52 0.00	23.13 -0.79 0.00	23.39 -1.00 0.00	24.09 -1.16 -0.08	24.34 -1.25 1.00	26.46 -1.38 -0.17	26.79 -1.46 -0.14	29.93 -1.69 -0.27	30.34 -1.75 -0.24	34.24 -1.90 -0.35	40.56 -2.10 -0.60	41.06 -2.03 -0.73	37.34 -1.54 -0.50	34.42 -1.42 -0.40	30.26 -1.18 -0.36	26.83 -1.05 -0.16	25.69 -0.87 -0.14
OSWEGO___5 23606	23.92 -0.54 0.00	22.02 -0.54 0.00	20.45 -0.52 0.00	19.14 -0.49 0.00	19.54 -0.50 0.00	20.35 -0.50 0.00	22.68 -0.61 0.00	23.08 -0.62 0.00	23.32 -0.60 0.00	23.80 -0.59 0.00	25.66 -0.55 -1.05	28.19 -0.53 -2.14	29.34 -0.53 -2.20	29.47 -0.45 -1.81	34.34 -0.47 -3.47	34.42 -0.51 -3.08	39.71 -0.54 -4.47	48.84 -0.76 -7.52	50.96 -0.68 -9.28	44.18 -0.57 -6.38	39.96 -0.50 -5.02	35.26 -0.40 -4.59	29.36 -0.39 -2.03	27.76 -0.45 -1.79
OSWEGO___6 23613	23.92 -0.54 0.00	22.02 -0.54 0.00	20.45 -0.52 0.00	19.14 -0.49 0.00	19.54 -0.50 0.00	20.35 -0.50 0.00	22.68 -0.61 0.00	23.08 -0.62 0.00	23.32 -0.60 0.00	23.80 -0.59 0.00	25.66 -0.55 -1.05	28.19 -0.53 -2.14	29.34 -0.53 -2.20	29.47 -0.45 -1.81	34.34 -0.47 -3.47	34.42 -0.51 -3.08	39.71 -0.54 -4.47	48.84 -0.76 -7.52	50.96 -0.68 -9.28	44.18 -0.57 -6.38	39.96 -0.50 -5.02	35.26 -0.40 -4.59	29.36 -0.39 -2.03	27.76 -0.45 -1.79

OUTOKUMPU-AB___DRP 24206	23.07 -1.39 -0.01	20.95 -1.62 -0.01	19.39 -1.59 -0.01	18.13 -1.51 -0.01	18.51 -1.54 -0.01	19.34 -1.52 -0.01	21.27 -2.03 -0.01	21.82 -1.90 -0.01	22.40 -1.53 -0.01	22.84 -1.56 -0.01	24.07 -1.11 -0.01	25.66 -0.93 -0.01	26.60 -1.08 -0.01	27.47 -0.65 -0.01	30.92 -0.44 -0.01	31.16 -0.70 -0.01	34.79 -1.00 -0.01	40.10 -1.98 -0.01	40.80 -1.57 -0.01	37.08 -1.30 -0.01	34.78 -0.67 -0.01	30.43 -0.65 -0.01	27.12 -0.61 -0.01	26.31 -0.11 0.00
OXBOW___BTM 323836	22.68 -1.78 -0.01	20.57 -2.01 -0.01	19.03 -1.95 -0.01	17.79 -1.85 -0.01	18.19 -1.86 -0.01	18.96 -1.90 -0.01	20.88 -2.42 -0.01	21.41 -2.30 -0.01	21.99 -1.94 -0.01	22.43 -1.97 -0.01	23.64 -1.54 -0.01	25.27 -1.33 -0.01	26.21 -1.47 -0.01	27.08 -1.04 -0.01	30.33 -1.03 -0.01	30.78 -1.08 -0.01	34.15 -1.65 -0.01	39.18 -2.90 -0.01	40.12 -2.25 -0.01	36.47 -1.92 -0.01	34.18 -1.27 -0.01	29.94 -1.15 -0.01	26.82 -0.91 -0.01	25.94 -0.47 0.00
OXBOW___ 24026	22.66 -1.81 -0.01	20.59 -1.99 -0.01	19.05 -1.93 -0.01	17.81 -1.83 -0.01	18.19 -1.86 -0.01	19.00 -1.86 -0.01	20.90 -2.40 -0.01	21.44 -2.28 -0.01	21.99 -1.94 -0.01	22.42 -1.98 -0.01	23.64 -1.54 -0.01	25.18 -1.41 -0.01	26.13 -1.55 -0.01	26.96 -1.15 -0.01	30.36 -1.00 -0.01	30.62 -1.24 -0.01	34.18 -1.61 -0.01	39.43 -2.65 -0.01	40.08 -2.29 -0.01	36.47 -1.92 -0.01	34.17 -1.28 -0.01	29.90 -1.18 -0.01	26.65 -1.08 -0.01	25.94 -0.48 0.00
OXY_CHEM_DSASP 323612	22.14 -2.30 0.02	20.13 -2.41 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.77 -2.24 0.02	18.55 -2.27 0.02	20.43 -2.84 0.02	20.93 -2.75 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.57 -1.99 0.02	25.46 -2.19 0.02	26.23 -1.85 0.02	29.54 -1.79 0.02	29.85 -1.97 0.02	33.29 -2.47 0.02	38.43 -3.62 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.16 -1.90 0.02	25.98 -1.72 0.02	25.41 -1.00 0.00
OZONE_PARK_ESR 323760	26.44 1.98 0.00	24.23 1.67 0.00	22.59 1.61 0.00	21.20 1.57 0.00	21.62 1.58 0.00	22.45 1.61 0.00	25.13 1.84 0.00	25.86 2.16 0.00	26.28 2.37 0.00	26.90 2.51 0.00	27.82 2.64 -0.02	29.32 2.74 0.00	30.83 3.15 -0.02	33.99 3.32 -2.57	35.19 3.73 -0.11	36.28 3.82 -0.61	41.56 4.44 -1.34	47.29 5.22 0.00	47.36 5.00 0.00	42.71 4.34 0.00	39.41 3.97 0.00	34.28 3.20 0.00	30.41 2.69 0.00	28.58 2.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.14 -2.30 0.02	20.13 -2.41 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.77 -2.24 0.02	18.55 -2.27 0.02	20.43 -2.84 0.02	20.93 -2.75 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.57 -1.99 0.02	25.46 -2.19 0.02	26.23 -1.85 0.02	29.54 -1.79 0.02	29.85 -1.97 0.02	33.29 -2.47 0.02	38.43 -3.62 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.16 -1.90 0.02	25.98 -1.72 0.02	25.41 -1.00 0.00
PACKARD___115KV_DUPONT_184 80571	22.14 -2.30 0.02	20.13 -2.41 0.02	18.60 -2.35 0.02	17.39 -2.22 0.02	17.77 -2.24 0.02	18.55 -2.27 0.02	20.43 -2.84 0.02	20.93 -2.75 0.02	21.45 -2.44 0.02	21.88 -2.49 0.02	23.03 -2.11 0.02	24.57 -1.99 0.02	25.46 -2.19 0.02	26.23 -1.85 0.02	29.54 -1.79 0.02	29.85 -1.97 0.02	33.29 -2.47 0.02	38.43 -3.62 0.02	39.08 -3.26 0.02	35.55 -2.80 0.02	33.33 -2.09 0.02	29.16 -1.90 0.02	25.98 -1.72 0.02	25.41 -1.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.37 1.91 0.00	24.19 1.62 0.00	22.59 1.61 0.00	21.19 1.55 -0.01	21.63 1.58 -0.01	22.33 1.48 0.00	24.90 1.61 0.00	25.57 1.87 0.00	26.00 2.08 0.00	26.65 2.27 0.01	27.54 2.37 -0.01	29.03 2.45 0.00	30.47 2.79 -0.02	33.68 2.92 -2.65	34.82 3.35 -0.11	35.92 3.44 -0.63	39.73 3.94 -0.02	46.66 4.59 0.00	46.72 4.36 0.00	42.06 3.68 0.00	38.88 3.44 0.00	33.84 2.77 0.00	30.22 2.49 0.00	28.45 2.03 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.63 2.18 0.00	24.41 1.85 0.00	22.80 1.82 0.00	21.40 1.77 -0.01	21.85 1.80 -0.01	22.53 1.69 0.00	25.15 1.86 0.00	25.81 2.11 0.00	26.24 2.32 0.00	26.89 2.51 0.01	27.79 2.62 -0.01	29.29 2.71 0.00	30.75 3.07 -0.02	33.96 3.20 -2.65	35.13 3.67 -0.11	36.24 3.76 -0.63	40.09 4.29 -0.02	47.12 5.05 0.00	47.19 4.83 0.00	42.52 4.14 0.00	39.30 3.86 0.00	34.18 3.11 0.00	30.55 2.83 0.00	28.77 2.35 0.00
PATROON___115KV_TB1 80586	25.41 0.95 0.00	23.60 1.04 0.00	21.94 0.96 0.00	20.53 0.90 0.00	20.96 0.92 0.00	21.80 0.96 0.00	24.34 1.05 0.00	24.74 1.04 0.00	24.68 0.77 0.00	25.17 0.78 0.00	25.94 0.78 0.00	27.41 0.82 0.00	28.72 1.05 0.00	29.15 1.04 0.00	32.48 1.13 0.00	33.03 1.18 0.00	37.21 1.43 0.00	43.84 1.77 0.00	44.22 1.86 0.00	39.95 1.57 0.00	36.82 1.38 0.00	32.22 1.15 0.00	28.72 1.00 0.00	27.23 0.82 0.00
PATTRSNVILLE___SOLAR 323815	25.56 1.10 0.00	23.56 0.99 0.00	21.85 0.88 0.00	20.45 0.82 0.00	20.88 0.84 0.00	21.74 0.90 0.00	24.27 0.98 0.00	24.65 0.95 0.00	24.87 0.96 0.00	25.34 0.95 0.00	26.10 0.93 0.00	27.57 0.98 0.00	28.88 1.22 0.00	29.34 1.24 0.00	32.76 1.41 0.00	33.35 1.50 0.00	37.57 1.79 0.00	44.30 2.23 0.00	44.86 2.50 0.00	40.60 2.22 0.00	37.46 2.02 0.00	32.78 1.71 0.00	29.16 1.44 0.00	27.66 1.24 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.31 -1.15 0.00	21.17 -1.40 0.00	19.59 -1.38 0.00	18.31 -1.31 0.00	18.72 -1.32 0.00	19.53 -1.31 0.00	21.54 -1.75 0.00	22.02 -1.68 0.00	22.55 -1.36 0.00	23.03 -1.37 0.00	24.23 -0.93 0.00	25.84 -0.74 0.00	26.81 -0.86 0.00	27.71 -0.39 0.00	31.19 -0.16 0.00	31.56 -0.29 0.00	35.32 -0.47 0.00	40.73 -1.35 0.00	41.43 -0.93 0.00	37.61 -0.77 0.00	35.19 -0.25 0.00	30.80 -0.28 0.00	27.42 -0.30 0.00	26.55 0.13 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.22 1.76 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.02 1.39 0.00	21.46 1.42 0.00	22.33 1.48 0.00	24.97 1.68 0.00	25.55 1.85 0.00	25.90 1.98 0.00	26.44 2.05 0.00	27.33 2.16 0.00	28.79 2.21 0.00	30.29 2.63 0.00	30.86 2.75 0.00	34.55 3.20 0.00	35.10 3.25 0.00	39.54 3.76 0.00	46.61 4.54 0.00	46.76 4.41 0.00	42.14 3.76 0.00	38.84 3.40 0.00	33.78 2.70 0.00	29.99 2.27 0.00	28.32 1.90 0.00
PEEKSKILL___ 23653	25.97 1.52 0.00	23.87 1.31 0.00	22.25 1.28 0.00	20.86 1.24 0.00	21.28 1.24 0.00	22.12 1.27 0.00	24.73 1.44 0.00	25.31 1.61 0.00	25.71 1.79 0.00	26.29 1.90 0.00	27.15 1.99 0.00	28.63 2.05 0.00	30.10 2.44 0.00	30.64 2.53 0.00	34.23 2.88 0.00	34.78 2.93 0.00	39.25 3.47 0.00	46.20 4.13 0.00	46.30 3.94 0.00	41.75 3.38 0.00	38.49 3.05 0.00	33.53 2.45 0.00	29.80 2.08 0.00	28.08 1.67 0.00
PGE MADISON___WINDPWR 24146	26.07 1.61 0.00	23.83 1.26 0.00	22.08 1.11 0.00	20.55 0.92 0.00	21.00 0.96 0.00	21.99 1.15 0.00	24.41 1.12 0.00	25.07 1.37 0.00	25.28 1.36 0.00	25.63 1.24 0.00	26.44 1.18 -0.10	28.19 1.41 -0.20	29.47 1.60 -0.20	30.05 1.77 -0.17	33.58 1.91 -0.32	34.11 1.98 -0.29	38.81 2.61 -0.41	45.92 3.16 -0.70	46.73 3.51 -0.86	42.65 3.68 -0.59	39.27 3.37 -0.47	34.45 2.95 -0.43	30.43 2.52 -0.19	28.75 2.17 -0.17

PIERCEFIELD___HYD 23852	23.58 -0.88 0.00	22.14 -0.43 0.00	20.55 -0.42 0.00	19.21 -0.41 0.00	19.64 -0.40 0.00	20.41 -0.44 0.00	22.85 -0.44 0.00	22.94 -0.76 0.00	23.03 -0.88 0.00	23.17 -1.22 0.00	23.77 -1.43 -0.04	23.33 -1.62 1.63	25.84 -1.91 -0.09	26.13 -2.05 -0.07	29.07 -2.41 -0.14	29.49 -2.48 -0.12	33.13 -2.83 -0.18	39.17 -3.20 -0.30	39.47 -3.26 -0.37	35.87 -2.76 -0.25	33.12 -2.52 -0.20	29.14 -2.11 -0.18	26.06 -1.75 -0.08	25.17 -1.32 -0.07
PINELAWN_CC_1 323563	33.17 2.18 -6.53	27.70 1.92 -3.22	24.81 1.85 -1.99	23.31 1.77 -1.92	22.20 1.78 -0.38	24.02 1.83 -1.34	26.29 2.07 -0.93	29.06 2.28 -3.09	32.24 2.46 -5.86	32.48 2.58 -5.51	34.03 2.72 -6.15	39.25 2.55 -10.12	39.04 2.93 -8.44	39.98 3.12 -8.75	43.12 3.51 -8.27	42.08 3.66 -6.57	46.28 4.15 -6.35	54.28 4.92 -7.29	52.00 4.79 -4.85	42.40 4.03 0.00	39.23 3.79 0.00	37.53 3.17 -3.29	32.46 2.94 -1.80	31.72 2.40 -2.90
PJM_GEN_HTTP_PROXY 323702	26.19 1.74 0.00	24.03 1.47 0.00	22.40 1.43 0.00	21.02 1.39 0.00	21.44 1.40 0.00	22.26 1.42 0.00	24.90 1.61 0.00	25.55 1.85 0.00	26.02 2.11 0.00	26.63 2.24 0.00	27.52 2.34 -0.02	29.00 2.42 0.00	30.50 2.82 -0.02	33.54 2.95 -2.48	34.78 3.32 -0.11	35.85 3.41 -0.59	41.08 4.01 -1.30	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.87 0.00	38.91 3.48 0.00	33.87 2.80 0.00	30.11 2.38 0.00	28.29 1.88 0.00
PJM_GEN_KEystone 24065	24.61 0.15 0.00	22.54 -0.02 0.00	20.95 -0.02 0.00	19.61 -0.02 0.00	20.02 -0.02 0.00	20.83 -0.02 0.00	23.17 -0.12 0.00	23.72 0.02 0.00	24.15 0.24 0.00	24.66 0.27 0.00	25.62 0.45 0.00	27.14 0.56 0.00	28.38 0.72 0.00	29.21 0.93 -0.18	32.48 1.13 -0.01	33.04 1.14 -0.04	37.20 1.32 -0.09	43.33 1.26 0.00	43.71 1.36 0.00	39.53 1.15 0.00	36.64 1.21 0.00	32.01 0.93 0.00	28.53 0.80 0.00	27.08 0.66 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.84 1.88 -3.50	25.91 1.63 -1.72	23.61 1.57 -1.07	22.17 1.51 -1.03	21.78 1.54 -0.20	23.15 1.58 -0.72	25.56 1.77 -0.50	27.32 1.97 -1.65	29.23 2.18 -3.14	29.63 2.29 -2.95	30.85 2.39 -3.29	34.45 2.44 -5.42	35.06 2.88 -4.52	35.80 3.01 -4.69	39.19 3.42 -4.43	38.84 3.47 -3.52	43.26 4.08 -3.40	50.77 4.79 -3.90	49.58 4.62 -2.60	42.29 3.92 0.00	39.02 3.58 0.00	35.76 2.92 -1.76	31.21 2.52 -0.96	30.00 2.03 -1.55
PJM_GEN_VFT_PROXY 323633	26.14 1.69 0.00	23.99 1.42 0.00	22.36 1.38 0.00	20.98 1.35 0.00	21.40 1.36 0.00	22.22 1.38 0.00	24.87 1.58 0.00	25.53 1.83 0.00	26.02 2.11 0.00	26.63 2.24 0.00	27.54 2.36 -0.02	28.98 2.39 0.00	30.47 2.79 -0.02	33.60 2.92 -2.57	34.78 3.32 -0.11	35.84 3.37 -0.61	41.13 4.01 -1.34	46.74 4.67 0.00	46.76 4.41 0.00	42.18 3.80 0.00	38.91 3.48 0.00	33.84 2.76 0.00	30.08 2.35 0.00	28.21 1.80 0.00
PLATSBURG_115KV_PMLD1 355749	24.29 -0.17 0.00	22.50 -0.07 0.00	20.89 -0.08 0.00	19.51 -0.12 0.00	19.90 -0.14 0.00	20.62 -0.23 0.00	23.08 -0.21 0.00	23.37 -0.33 0.00	23.60 -0.31 0.00	23.97 -0.41 0.00	24.66 -0.50 0.00	26.02 -0.56 0.00	26.81 -0.86 0.00	27.12 -0.98 0.00	30.06 -1.29 0.00	30.48 -1.37 0.00	34.14 -1.65 0.00	40.22 -1.85 0.00	40.41 -1.95 0.00	36.65 -1.73 0.00	33.88 -1.56 0.00	29.58 -1.49 0.00	26.36 -1.36 0.00	25.33 -1.08 0.00
PLEASANTVLY___LBMP 24000	25.83 1.37 0.00	23.74 1.17 0.00	22.15 1.17 0.00	20.76 1.14 0.00	21.18 1.14 0.00	22.03 1.19 0.00	24.59 1.30 0.00	25.17 1.47 0.00	25.45 1.53 0.00	26.02 1.63 0.00	26.85 1.69 0.00	28.31 1.73 0.00	29.71 2.05 0.00	30.27 2.16 0.00	33.79 2.45 0.00	34.36 2.52 0.00	38.72 2.93 0.00	45.56 3.49 0.00	45.75 3.39 0.00	41.29 2.92 0.00	38.06 2.62 0.00	33.19 2.11 0.00	29.47 1.75 0.00	27.84 1.43 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.05 1.59 0.00	23.92 1.35 0.00	22.29 1.32 0.00	20.92 1.30 0.00	21.34 1.30 0.00	22.18 1.33 0.00	24.80 1.51 0.00	25.45 1.75 0.00	25.80 1.89 0.00	26.39 2.00 0.00	27.25 2.09 0.00	28.74 2.15 0.00	30.21 2.55 0.00	30.78 2.67 0.00	34.36 3.01 0.00	34.94 3.09 0.00	39.40 3.61 0.00	46.36 4.29 0.00	46.47 4.11 0.00	41.91 3.53 0.00	38.63 3.19 0.00	33.65 2.58 0.00	29.86 2.13 0.00	28.16 1.74 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.05 1.59 0.00	23.92 1.35 0.00	22.29 1.32 0.00	20.92 1.30 0.00	21.34 1.30 0.00	22.18 1.33 0.00	24.80 1.51 0.00	25.45 1.75 0.00	25.80 1.89 0.00	26.39 2.00 0.00	27.25 2.09 0.00	28.74 2.15 0.00	30.21 2.55 0.00	30.78 2.67 0.00	34.36 3.01 0.00	34.94 3.09 0.00	39.40 3.61 0.00	46.36 4.29 0.00	46.47 4.11 0.00	41.91 3.53 0.00	38.63 3.19 0.00	33.65 2.58 0.00	29.86 2.13 0.00	28.16 1.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.07 1.61 0.00	23.94 1.38 0.00	22.33 1.36 0.00	20.92 1.30 0.00	21.36 1.32 0.00	22.22 1.38 0.00	24.83 1.54 0.00	25.31 1.61 0.00	25.61 1.70 0.00	26.17 1.78 0.00	27.03 1.86 0.00	28.44 1.86 0.00	29.90 2.24 0.00	30.49 2.39 0.00	34.08 2.73 0.00	34.62 2.77 0.00	38.93 3.15 0.00	45.86 3.79 0.00	46.09 3.73 0.00	41.56 3.19 0.00	38.31 2.87 0.00	33.41 2.33 0.00	29.69 1.97 0.00	28.03 1.61 0.00
POLETTI_____ 23519	26.17 1.71 0.00	24.01 1.44 0.00	22.40 1.43 0.00	21.02 1.39 0.00	21.44 1.40 0.00	22.24 1.40 0.00	24.90 1.61 0.00	25.62 1.92 0.00	26.00 2.08 0.00	26.63 2.24 0.00	27.52 2.34 -0.02	29.00 2.42 0.00	30.47 2.79 -0.02	33.65 2.98 -2.57	34.78 3.32 -0.11	35.90 3.44 -0.61	41.09 3.97 -1.34	46.74 4.67 0.00	46.81 4.45 0.00	42.21 3.84 0.00	38.91 3.47 0.00	33.87 2.80 0.00	30.05 2.33 0.00	28.26 1.85 0.00
POMONA___ESR 323819	25.97 1.52 0.00	23.85 1.29 0.00	22.23 1.26 0.00	20.84 1.22 0.00	21.28 1.24 0.00	22.10 1.25 0.00	24.71 1.42 0.00	25.26 1.56 0.00	25.68 1.77 0.00	26.24 1.85 0.00	27.13 1.96 0.00	28.58 1.99 0.00	30.04 2.38 0.00	30.61 2.50 0.00	34.20 2.85 0.00	34.75 2.90 0.00	39.25 3.47 0.00	46.20 4.13 0.00	46.30 3.94 0.00	41.71 3.34 0.00	38.45 3.01 0.00	33.50 2.43 0.00	29.80 2.08 0.00	28.05 1.64 0.00
PORT_JEFF_3 23555	33.22 2.23 -6.53	27.72 1.94 -3.22	24.83 1.87 -1.99	23.35 1.80 -1.92	22.24 1.82 -0.38	24.06 1.88 -1.34	26.32 2.10 -0.93	29.08 2.30 -3.09	32.26 2.49 -5.86	32.51 2.61 -5.51	34.03 2.72 -6.15	39.39 2.68 -10.12	39.26 3.15 -8.44	40.26 3.40 -8.75	43.51 3.89 -8.28	42.41 3.98 -6.58	46.69 4.54 -6.36	54.75 5.39 -7.30	52.47 5.25 -4.86	42.95 4.56 -0.01	39.55 4.11 0.00	37.72 3.36 -3.29	32.49 2.97 -1.80	31.77 2.46 -2.90
PORT_JEFF_4 23616	33.22 2.23 -6.53	27.72 1.94 -3.22	24.83 1.87 -1.99	23.35 1.80 -1.92	22.24 1.82 -0.38	24.06 1.88 -1.34	26.32 2.10 -0.93	29.08 2.30 -3.09	32.26 2.49 -5.86	32.51 2.61 -5.51	34.03 2.72 -6.15	39.39 2.68 -10.12	39.26 3.15 -8.44	40.26 3.40 -8.75	43.51 3.89 -8.28	42.41 3.98 -6.58	46.69 4.54 -6.36	54.75 5.39 -7.30	52.47 5.25 -4.86	42.95 4.56 -0.01	39.55 4.11 0.00	37.72 3.36 -3.29	32.49 2.97 -1.80	31.77 2.46 -2.90

PORT_JEFF_IC 23713	33.24 2.25 -6.53	27.74 1.96 -3.22	24.85 1.89 -1.99	23.37 1.83 -1.92	22.26 1.84 -0.38	24.08 1.90 -1.34	26.34 2.12 -0.93	29.16 2.37 -3.09	32.29 2.51 -5.86	32.53 2.63 -5.51	34.08 2.77 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.64 4.01 -8.28	42.54 4.11 -6.58	46.69 4.54 -6.37	54.76 5.39 -7.30	52.48 5.25 -4.87	43.11 4.72 -0.01	39.66 4.22 0.00	37.84 3.48 -3.29	32.49 2.97 -1.80	31.80 2.48 -2.90
PPL PILGRIM_ST_GT1 24216	33.32 2.32 -6.53	27.83 2.05 -3.22	24.93 1.97 -1.99	23.45 1.90 -1.92	22.36 1.94 -0.38	24.16 1.98 -1.34	26.43 2.21 -0.93	29.20 2.42 -3.09	32.38 2.61 -5.86	32.61 2.71 -5.51	34.15 2.84 -6.15	39.63 2.92 -10.12	39.48 3.37 -8.44	40.49 3.63 -8.75	43.75 4.14 -8.27	42.65 4.24 -6.57	46.93 4.80 -6.36	55.04 5.68 -7.29	52.76 5.55 -4.86	43.14 4.76 0.00	39.83 4.39 0.00	37.99 3.63 -3.29	32.60 3.08 -1.80	31.87 2.56 -2.90
PPL PILGRIM_ST_GT2 24217	33.32 2.32 -6.53	27.83 2.05 -3.22	24.93 1.97 -1.99	23.45 1.90 -1.92	22.36 1.94 -0.38	24.16 1.98 -1.34	26.43 2.21 -0.93	29.20 2.42 -3.09	32.38 2.61 -5.86	32.61 2.71 -5.51	34.15 2.84 -6.15	39.63 2.92 -10.12	39.48 3.37 -8.44	40.49 3.63 -8.75	43.75 4.14 -8.27	42.65 4.24 -6.57	46.93 4.80 -6.36	55.04 5.68 -7.29	52.76 5.55 -4.86	43.14 4.76 0.00	39.83 4.39 0.00	37.99 3.63 -3.29	32.60 3.08 -1.80	31.87 2.56 -2.90
PPL_SHRM_GT3 24213	33.14 2.15 -6.53	27.63 1.85 -3.22	24.74 1.78 -1.99	23.27 1.73 -1.92	22.16 1.74 -0.38	23.98 1.79 -1.34	26.22 2.00 -0.93	28.97 2.18 -3.09	32.17 2.39 -5.86	32.39 2.49 -5.51	34.03 2.72 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.70 4.07 -8.28	42.56 4.14 -6.58	47.01 4.87 -6.36	55.18 5.81 -7.30	52.90 5.68 -4.86	43.18 4.80 -0.01	39.73 4.29 0.00	37.90 3.54 -3.29	32.43 2.91 -1.80	31.66 2.35 -2.90
PPL_SHRM_GT4 24214	33.14 2.15 -6.53	27.63 1.85 -3.22	24.74 1.78 -1.99	23.27 1.73 -1.92	22.16 1.74 -0.38	23.98 1.79 -1.34	26.22 2.00 -0.93	28.97 2.18 -3.09	32.17 2.39 -5.86	32.39 2.49 -5.51	34.03 2.72 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.70 4.07 -8.28	42.56 4.14 -6.58	47.01 4.87 -6.36	55.18 5.81 -7.30	52.90 5.68 -4.86	43.18 4.80 -0.01	39.73 4.29 0.00	37.90 3.54 -3.29	32.43 2.91 -1.80	31.66 2.35 -2.90
PROJECT___ORANGE 1 24174	24.24 -0.22 0.00	22.29 -0.27 0.00	20.70 -0.27 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.60 -0.25 0.00	22.96 -0.33 0.00	23.44 -0.26 0.00	23.68 -0.24 0.00	24.22 -0.17 0.00	25.17 -0.13 -0.14	26.76 -0.05 -0.23	27.95 0.00 -0.29	28.43 0.08 -0.24	31.96 0.16 -0.45	32.38 0.13 -0.40	36.54 0.18 -0.58	43.13 0.08 -0.98	43.65 0.08 -1.21	39.32 0.12 -0.83	36.27 0.18 -0.65	31.89 0.22 -0.60	28.10 0.11 -0.26	26.67 0.03 -0.23
PROJECT___ORANGE 2 24166	24.24 -0.22 0.00	22.29 -0.27 0.00	20.70 -0.27 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.60 -0.25 0.00	22.96 -0.33 0.00	23.44 -0.26 0.00	23.68 -0.24 0.00	24.22 -0.17 0.00	25.17 -0.13 -0.14	26.76 -0.05 -0.23	27.95 0.00 -0.29	28.43 0.08 -0.24	31.96 0.16 -0.45	32.38 0.13 -0.40	36.54 0.18 -0.58	43.13 0.08 -0.98	43.65 0.08 -1.21	39.32 0.12 -0.83	36.27 0.18 -0.65	31.89 0.22 -0.60	28.10 0.11 -0.26	26.67 0.03 -0.23
PUCKETT___SOLAR 323809	24.90 0.44 0.00	22.84 0.27 0.00	21.20 0.23 0.00	19.80 0.18 0.00	20.24 0.20 0.00	21.12 0.27 0.00	23.52 0.23 0.00	24.01 0.31 0.00	24.27 0.36 0.00	24.71 0.32 0.00	25.58 0.33 -0.09	27.19 0.42 -0.18	28.38 0.52 -0.19	28.93 0.67 -0.16	32.43 0.78 -0.30	32.94 0.83 -0.26	37.23 1.07 -0.38	43.93 1.22 -0.64	44.63 1.48 -0.79	40.46 1.54 -0.54	37.35 1.49 -0.43	32.74 1.27 -0.39	29.00 1.11 -0.17	27.49 0.92 -0.15
PYRITES___HYD 24023	23.92 -0.54 0.00	22.43 -0.14 0.00	20.85 -0.13 0.00	19.49 -0.14 0.00	19.94 -0.10 0.00	20.74 -0.10 0.00	23.22 -0.07 0.00	23.32 -0.38 0.00	23.46 -0.45 0.00	23.61 -0.78 0.00	24.22 -0.98 -0.04	23.72 -1.12 1.74	26.39 -1.36 -0.08	26.63 -1.55 -0.07	29.66 -1.82 -0.13	30.05 -1.91 -0.11	33.73 -2.22 -0.16	39.91 -2.44 -0.28	40.24 -2.46 -0.34	36.69 -1.92 -0.23	33.89 -1.74 -0.18	29.75 -1.49 -0.17	26.58 -1.22 -0.07	25.61 -0.87 -0.07
QUAKERRD_115KV_BK1 80622	23.43 -1.03 0.00	21.46 -1.11 0.00	19.88 -1.09 0.00	18.57 -1.06 0.00	18.96 -1.08 0.00	19.78 -1.06 0.00	21.99 -1.30 0.00	22.54 -1.16 0.00	22.89 -1.03 0.00	23.41 -0.98 0.00	24.36 -0.81 0.00	25.86 -0.72 0.00	26.89 -0.77 0.00	27.52 -0.59 0.00	30.85 -0.50 0.00	31.31 -0.54 0.00	35.10 -0.68 0.00	41.02 -1.05 0.00	41.38 -0.97 0.00	37.49 -0.88 0.00	34.94 -0.50 0.00	30.64 -0.44 0.00	27.22 -0.50 0.00	25.99 -0.42 0.00
QUENSBRY_115KV_TB8 356137	25.73 1.27 0.00	23.78 1.22 0.00	22.00 1.03 0.00	20.55 0.92 0.00	21.02 0.98 0.00	21.91 1.06 0.00	24.50 1.21 0.00	24.89 1.19 0.00	25.13 1.22 0.00	25.63 1.24 0.00	26.20 1.03 0.00	27.73 1.14 0.00	29.05 1.38 0.00	29.43 1.32 0.00	32.82 1.47 0.00	33.41 1.56 0.00	37.64 1.86 0.00	44.47 2.40 0.00	45.45 3.09 0.00	41.06 2.69 0.00	37.99 2.55 0.00	33.28 2.21 0.00	29.47 1.75 0.00	27.97 1.56 0.00
RAMAPO___LBMP 323565	25.88 1.42 0.00	23.76 1.20 0.00	22.15 1.17 0.00	20.76 1.14 0.00	21.20 1.16 0.00	22.01 1.17 0.00	24.62 1.33 0.00	25.24 1.54 0.00	25.57 1.65 0.00	26.15 1.76 0.00	27.00 1.84 0.00	28.47 1.89 0.00	29.90 2.24 0.00	30.47 2.36 0.00	34.01 2.66 0.00	34.62 2.77 0.00	39.04 3.26 0.00	45.94 3.87 0.00	46.04 3.69 0.00	41.52 3.15 0.00	38.27 2.84 0.00	33.37 2.30 0.00	29.63 1.91 0.00	27.95 1.53 0.00
RANKINE____ 23646	23.29 -1.17 0.00	21.17 -1.40 0.00	19.57 -1.41 0.00	18.29 -1.33 0.00	18.70 -1.34 0.00	19.51 -1.33 0.00	21.50 -1.79 0.00	22.02 -1.68 0.00	22.58 -1.34 0.00	23.00 -1.39 0.00	24.23 -0.93 0.00	25.81 -0.77 0.00	26.78 -0.89 0.00	27.63 -0.48 0.00	31.10 -0.25 0.00	31.44 -0.41 0.00	35.10 -0.68 0.00	40.47 -1.60 0.00	41.17 -1.19 0.00	37.46 -0.92 0.00	35.09 -0.35 0.00	30.70 -0.37 0.00	27.36 -0.36 0.00	26.49 0.08 0.00
RAVENSWOOD_GT2_1 24244	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.66 2.27 0.00	27.57 2.39 -0.02	29.03 2.45 0.00	30.50 2.82 -0.02	33.73 2.98 -2.65	34.82 3.35 -0.11	35.92 3.44 -0.63	41.14 3.97 -1.38	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.88 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.10 2.38 0.00	28.34 1.93 0.00
RAVENSWOOD_GT2_2 24245	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.66 2.27 0.00	27.57 2.39 -0.02	29.03 2.45 0.00	30.50 2.82 -0.02	33.73 2.98 -2.65	34.82 3.35 -0.11	35.92 3.44 -0.63	41.14 3.97 -1.38	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.88 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.10 2.38 0.00	28.34 1.93 0.00

RAVENSWOOD_GT2_3 24246	26.24 1.79 0.00	24.05 1.49 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.31 1.46 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.04 2.13 0.00	26.68 2.29 0.00	27.57 2.39 -0.02	29.05 2.47 0.00	30.53 2.85 -0.02	33.73 2.98 -2.65	34.85 3.39 -0.11	35.95 3.47 -0.63	41.17 4.01 -1.38	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.91 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.13 2.41 0.00	28.34 1.93 0.00
RAVENSWOOD_GT2_4 24247	26.24 1.79 0.00	24.05 1.49 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.31 1.46 0.00	24.94 1.65 0.00	25.67 1.97 0.00	26.04 2.13 0.00	26.68 2.29 0.00	27.57 2.39 -0.02	29.05 2.47 0.00	30.53 2.85 -0.02	33.73 2.98 -2.65	34.85 3.39 -0.11	35.95 3.47 -0.63	41.17 4.01 -1.38	46.82 4.75 0.00	46.89 4.53 0.00	42.29 3.91 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.13 2.41 0.00	28.34 1.93 0.00
RAVENSWOOD_GT3_1 24248	26.24 1.79 0.00	24.05 1.49 0.00	22.44 1.47 0.00	21.04 1.41 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.66 2.27 0.00	27.57 2.39 -0.02	29.03 2.45 0.00	30.53 2.85 -0.02	33.73 2.98 -2.65	34.85 3.39 -0.11	35.92 3.44 -0.63	41.17 4.01 -1.38	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.88 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.13 2.41 0.00	28.34 1.93 0.00
RAVENSWOOD_GT3_2 24249	26.24 1.79 0.00	24.05 1.49 0.00	22.44 1.47 0.00	21.04 1.41 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.66 2.27 0.00	27.57 2.39 -0.02	29.03 2.45 0.00	30.53 2.85 -0.02	33.73 2.98 -2.65	34.85 3.39 -0.11	35.92 3.44 -0.63	41.17 4.01 -1.38	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.88 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.13 2.41 0.00	28.34 1.93 0.00
RAVENSWOOD_GT3_3 24250	26.27 1.81 0.00	24.08 1.51 0.00	22.46 1.49 0.00	21.08 1.45 0.00	21.50 1.46 0.00	22.33 1.48 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.09 2.18 0.00	26.71 2.32 0.00	27.60 2.42 -0.02	29.08 2.50 0.00	30.56 2.88 -0.02	33.79 3.04 -2.65	34.88 3.42 -0.11	35.98 3.50 -0.63	41.21 4.04 -1.38	46.87 4.80 0.00	46.93 4.57 0.00	42.33 3.95 0.00	39.05 3.61 0.00	33.96 2.89 0.00	30.16 2.44 0.00	28.37 1.95 0.00
RAVENSWOOD_GT3_4 24251	26.27 1.81 0.00	24.08 1.51 0.00	22.46 1.49 0.00	21.08 1.45 0.00	21.50 1.46 0.00	22.33 1.48 0.00	24.97 1.68 0.00	25.69 1.99 0.00	26.09 2.18 0.00	26.71 2.32 0.00	27.60 2.42 -0.02	29.08 2.50 0.00	30.56 2.88 -0.02	33.79 3.04 -2.65	34.88 3.42 -0.11	35.98 3.50 -0.63	41.21 4.04 -1.38	46.87 4.80 0.00	46.93 4.57 0.00	42.33 3.95 0.00	39.05 3.61 0.00	33.96 2.89 0.00	30.16 2.44 0.00	28.37 1.95 0.00
RAVENSWOOD_GT_1 23729	26.34 1.88 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.59 1.54 -0.01	22.35 1.50 0.00	24.99 1.70 0.00	25.71 2.01 0.00	26.14 2.22 0.00	29.32 2.39 -2.54	30.86 2.52 -3.18	29.17 2.58 -0.01	30.65 2.96 -0.02	34.02 3.09 -2.83	34.99 3.51 -0.13	40.59 3.60 -5.15	45.47 4.11 -5.57	49.76 4.84 -2.85	49.78 4.57 -2.85	42.30 3.91 -0.01	39.06 3.61 -0.01	34.00 2.92 -0.01	32.17 2.52 -1.93	28.45 2.03 0.00
RAVENSWOOD_GT_10 24258	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.53 2.27 0.13	27.39 2.37 0.14	29.03 2.45 0.00	30.50 2.82 -0.02	33.73 2.98 -2.65	34.82 3.35 -0.11	35.92 3.44 -0.63	41.14 3.97 -1.38	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.88 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.10 2.38 0.00	28.34 1.93 0.00
RAVENSWOOD_GT_11 24259	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.53 2.27 0.13	27.39 2.37 0.14	29.03 2.45 0.00	30.50 2.82 -0.02	33.73 2.98 -2.65	34.82 3.35 -0.11	35.92 3.44 -0.63	41.14 3.97 -1.38	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.88 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.10 2.38 0.00	28.34 1.93 0.00
RAVENSWOOD_GT_4 24252	26.22 1.76 0.00	24.03 1.47 0.00	22.42 1.45 0.00	21.03 1.41 0.01	21.46 1.42 0.01	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.66 2.27 -0.01	27.55 2.37 -0.02	29.03 2.45 -0.01	30.51 2.82 -0.02	33.84 2.95 -2.78	34.83 3.35 -0.13	39.36 3.44 -4.07	44.33 3.97 -4.57	48.96 4.71 -2.17	49.02 4.49 -2.17	42.26 3.88 0.00	38.95 3.51 -0.01	33.94 2.86 -0.01	31.57 2.38 -1.47	28.32 1.90 0.00
RAVENSWOOD_GT_5 24254	26.22 1.76 0.00	24.03 1.47 0.00	22.42 1.45 0.00	21.03 1.41 0.01	21.46 1.42 0.01	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.66 2.27 -0.01	27.55 2.37 -0.02	29.03 2.45 -0.01	30.51 2.82 -0.02	33.84 2.95 -2.78	34.83 3.35 -0.13	39.36 3.44 -4.07	44.33 3.97 -4.57	48.96 4.71 -2.17	49.02 4.49 -2.17	42.26 3.88 0.00	38.95 3.51 -0.01	33.94 2.86 -0.01	31.57 2.38 -1.47	28.32 1.90 0.00
RAVENSWOOD_GT_6 24253	26.22 1.76 0.00	24.03 1.47 0.00	22.42 1.45 0.00	21.03 1.41 0.01	21.46 1.42 0.01	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.66 2.27 -0.01	27.55 2.37 -0.02	29.03 2.45 -0.01	30.51 2.82 -0.02	33.84 2.95 -2.78	34.83 3.35 -0.13	39.36 3.44 -4.07	44.33 3.97 -4.57	48.96 4.71 -2.17	49.02 4.49 -2.17	42.26 3.88 0.00	38.95 3.51 -0.01	33.94 2.86 -0.01	31.57 2.38 -1.47	28.32 1.90 0.00
RAVENSWOOD_GT_7 24255	26.22 1.76 0.00	24.03 1.47 0.00	22.42 1.45 0.00	21.03 1.41 0.01	21.46 1.42 0.01	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.66 2.27 -0.01	27.55 2.37 -0.02	29.03 2.45 -0.01	30.51 2.82 -0.02	33.84 2.95 -2.78	34.83 3.35 -0.13	39.36 3.44 -4.07	44.33 3.97 -4.57	48.96 4.71 -2.17	49.02 4.49 -2.17	42.26 3.88 0.00	38.95 3.51 -0.01	33.94 2.86 -0.01	31.57 2.38 -1.47	28.32 1.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.53 2.27 0.13	27.39 2.37 0.14	29.03 2.45 0.00	30.50 2.82 -0.02	33.73 2.98 -2.65	34.82 3.35 -0.11	35.92 3.44 -0.63	41.14 3.97 -1.38	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.88 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.10 2.38 0.00	28.34 1.93 0.00
RAVENSWOOD_GT_9 24257	26.22 1.76 0.00	24.05 1.49 0.00	22.42 1.45 0.00	21.04 1.41 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.64 1.94 0.00	26.04 2.13 0.00	26.53 2.27 0.13	27.39 2.37 0.14	29.03 2.45 0.00	30.50 2.82 -0.02	33.73 2.98 -2.65	34.82 3.35 -0.11	35.92 3.44 -0.63	41.14 3.97 -1.38	46.78 4.71 0.00	46.85 4.49 0.00	42.25 3.88 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.10 2.38 0.00	28.34 1.93 0.00

RAVENSWOOD___1 23533	26.32 1.86 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.15 1.51 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.97 1.68 0.00	25.62 1.92 0.00	26.14 2.22 0.00	28.04 2.39 -1.26	29.24 2.49 -1.59	29.16 2.58 0.00	30.64 2.96 -0.02	33.82 3.06 -2.65	34.97 3.51 -0.11	36.05 3.57 -0.63	41.31 4.15 -1.38	46.91 4.84 0.00	46.93 4.58 0.00	42.25 3.87 0.00	39.06 3.62 0.00	33.97 2.89 0.00	30.27 2.55 0.00	28.42 2.01 0.00
RAVENSWOOD___2 23534	26.32 1.86 0.00	24.14 1.58 0.00	22.50 1.53 0.00	21.13 1.49 -0.01	21.57 1.52 -0.01	22.33 1.48 0.00	24.97 1.68 0.00	25.62 1.92 0.00	26.11 2.20 0.00	28.01 2.37 -1.25	29.24 2.49 -1.58	29.13 2.55 0.00	30.61 2.93 -0.02	33.82 3.06 -2.65	34.97 3.51 -0.11	36.05 3.57 -0.63	41.28 4.11 -1.38	46.91 4.84 0.00	46.93 4.58 0.00	42.25 3.87 0.00	39.06 3.62 0.00	33.93 2.86 0.00	30.27 2.55 0.00	28.42 2.01 0.00
RAVENSWOOD___3 23535	26.24 1.78 0.00	24.08 1.51 0.00	22.44 1.47 0.00	21.06 1.43 0.00	21.48 1.44 0.00	22.28 1.44 0.00	24.94 1.65 0.00	25.60 1.90 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.57 2.39 -0.02	29.03 2.44 0.00	30.53 2.85 -0.02	33.73 2.98 -2.65	34.85 3.39 -0.11	35.92 3.44 -0.63	41.17 4.01 -1.38	46.82 4.75 0.00	46.85 4.49 0.00	42.25 3.87 0.00	38.98 3.54 0.00	33.90 2.83 0.00	30.16 2.44 0.00	28.34 1.93 0.00
RAVENSWOOD___4 23820	26.29 1.84 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.12 1.49 -0.01	21.55 1.50 -0.01	22.30 1.46 0.00	24.94 1.65 0.00	25.62 1.92 0.00	26.11 2.20 0.00	26.75 2.37 0.01	27.64 2.47 -0.01	29.13 2.55 0.01	30.61 2.93 -0.01	33.61 3.04 -2.47	34.96 3.51 -0.10	31.60 3.57 3.81	37.15 4.11 2.74	44.10 4.84 2.81	44.13 4.58 2.81	42.24 3.87 0.01	39.05 3.62 0.01	33.92 2.86 0.01	28.37 2.55 1.90	28.39 1.98 0.00
RCPL_TRUST___DRP 24196	26.24 1.79 0.00	24.05 1.49 0.00	22.44 1.47 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.31 1.46 0.00	24.97 1.68 0.00	25.67 1.97 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.57 2.39 -0.02	29.08 2.50 0.00	30.56 2.88 -0.02	33.62 3.04 -2.48	34.84 3.39 -0.11	35.91 3.47 -0.59	41.12 4.04 -1.30	46.87 4.80 0.00	46.93 4.57 0.00	42.33 3.95 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.10 2.38 0.00	28.34 1.93 0.00
RED___ROCHESTER 323720	23.99 -0.47 0.00	21.91 -0.66 0.00	20.28 -0.69 0.00	18.94 -0.69 0.00	19.34 -0.70 0.00	20.16 -0.69 0.00	22.36 -0.93 0.00	22.99 -0.71 0.00	23.41 -0.50 0.00	23.95 -0.44 0.00	24.99 -0.17 0.00	26.61 0.03 0.00	27.69 0.03 0.00	28.39 0.28 0.00	31.75 0.41 0.00	32.33 0.48 0.00	36.10 0.32 0.00	41.99 -0.08 0.00	42.53 0.17 0.00	38.57 0.19 0.00	35.97 0.53 0.00	31.57 0.50 0.00	28.11 0.39 0.00	26.76 0.34 0.00
REGAN___SOLAR 323812	27.10 2.64 0.00	24.93 2.37 0.00	22.96 1.99 0.00	21.43 1.80 0.00	21.98 1.94 0.00	22.93 2.08 0.00	25.67 2.38 0.00	25.95 2.25 0.00	26.31 2.39 0.00	26.71 2.32 0.00	27.45 2.29 0.00	29.06 2.47 0.00	30.57 2.90 0.00	31.11 3.01 0.00	34.80 3.45 0.00	35.57 3.72 0.00	40.15 4.36 0.00	47.58 5.51 0.00	48.67 6.31 0.00	43.94 5.56 0.00	40.47 5.03 0.00	35.39 4.32 0.00	31.35 3.63 0.00	29.64 3.22 0.00
RENSSELAER___COGEN 23796	25.29 0.83 0.00	23.49 0.93 0.00	21.83 0.86 0.00	20.45 0.82 0.00	20.88 0.84 0.00	21.72 0.88 0.00	24.22 0.93 0.00	24.60 0.90 0.00	24.56 0.65 0.00	25.02 0.63 0.00	25.79 0.63 0.00	27.22 0.64 0.00	28.55 0.89 0.00	28.95 0.84 0.00	32.26 0.91 0.00	32.77 0.92 0.00	36.96 1.18 0.00	43.58 1.51 0.00	43.93 1.57 0.00	39.72 1.34 0.00	36.57 1.13 0.00	32.01 0.93 0.00	28.58 0.86 0.00	27.08 0.66 0.00
REPUBLIC_115KV_BARTNBK 55605	27.03 2.57 0.00	25.00 2.44 0.00	23.03 2.06 0.00	21.45 1.83 0.00	22.00 1.96 0.00	22.97 2.13 0.00	25.71 2.42 0.00	26.02 2.32 0.00	26.33 2.42 0.00	26.85 2.46 0.00	27.48 2.32 0.00	29.19 2.61 0.00	30.62 2.96 0.00	31.06 2.95 0.00	34.67 3.32 0.00	35.26 3.41 0.00	39.72 3.94 0.00	47.03 4.96 0.00	48.25 5.89 0.00	43.59 5.22 0.00	40.26 4.82 0.00	35.33 4.26 0.00	31.21 3.49 0.00	29.64 3.22 0.00
REVERE_CPPR_DRP 24186	25.24 0.78 0.00	23.24 0.68 0.00	21.56 0.59 0.00	20.14 0.51 0.00	20.58 0.54 0.00	21.49 0.65 0.00	23.94 0.65 0.00	24.51 0.81 0.00	24.73 0.81 0.00	25.17 0.78 0.00	25.99 0.75 -0.07	27.45 0.88 0.01	28.86 1.05 -0.14	29.32 1.10 -0.12	32.77 1.19 -0.23	33.26 1.21 -0.20	37.65 1.57 -0.29	44.50 1.94 -0.49	45.04 2.08 -0.61	40.94 2.15 -0.42	37.72 1.95 -0.33	33.08 1.71 -0.30	29.30 1.44 -0.13	27.77 1.24 -0.12
REYNOLDS_115KV_TB3 80639	25.41 0.95 0.00	23.53 0.97 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.94 0.90 0.00	21.78 0.94 0.00	24.29 1.00 0.00	24.70 1.00 0.00	24.70 0.79 0.00	25.19 0.80 0.00	25.94 0.78 0.00	27.41 0.82 0.00	28.74 1.08 0.00	29.17 1.07 0.00	32.51 1.16 0.00	33.06 1.21 0.00	37.25 1.47 0.00	43.88 1.81 0.00	44.22 1.86 0.00	39.99 1.61 0.00	36.86 1.42 0.00	32.26 1.18 0.00	28.72 1.00 0.00	27.23 0.82 0.00
RIVERBAY____ 323610	26.63 2.18 0.00	24.41 1.85 0.00	22.80 1.82 0.00	21.40 1.77 -0.01	21.85 1.80 -0.01	22.53 1.69 0.00	25.15 1.86 0.00	25.81 2.11 0.00	26.24 2.32 0.00	26.89 2.51 0.01	27.79 2.62 -0.01	29.29 2.71 0.00	30.75 3.07 -0.02	33.96 3.20 -2.65	35.13 3.67 -0.11	36.24 3.76 -0.63	40.09 4.29 -0.02	47.12 5.05 0.00	47.19 4.83 0.00	42.52 4.14 0.00	39.30 3.86 0.00	34.18 3.11 0.00	30.55 2.83 0.00	28.77 2.35 0.00
RIVERSDE_115KV_TB3 55908	25.39 0.93 0.00	23.53 0.97 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.92 0.88 0.00	21.78 0.94 0.00	24.29 1.00 0.00	24.70 1.00 0.00	24.66 0.74 0.00	25.15 0.76 0.00	25.89 0.73 0.00	27.35 0.77 0.00	28.69 1.02 0.00	29.12 1.01 0.00	32.45 1.10 0.00	32.99 1.15 0.00	37.14 1.36 0.00	43.80 1.72 0.00	44.14 1.78 0.00	39.91 1.54 0.00	36.75 1.31 0.00	32.19 1.12 0.00	28.66 0.94 0.00	27.18 0.77 0.00
ROARING___BROOK_WT_PWR 323790	23.92 -0.54 0.00	22.07 -0.50 0.00	20.49 -0.48 0.00	19.16 -0.47 0.00	19.54 -0.50 0.00	20.30 -0.54 0.00	22.71 -0.58 0.00	23.11 -0.59 0.00	23.29 -0.62 0.00	23.76 -0.63 0.00	24.49 -0.68 0.00	25.91 -0.72 -0.04	26.89 -0.77 0.00	27.29 -0.82 0.00	30.41 -0.94 0.00	30.89 -0.95 0.00	34.71 -1.07 0.00	40.85 -1.22 0.00	41.09 -1.27 0.00	37.23 -1.15 0.00	34.34 -1.10 0.00	30.17 -0.90 0.00	26.97 -0.75 0.00	25.78 -0.63 0.00
ROCHESRG_115KV_T4 355643	23.70 -0.76 0.00	21.68 -0.88 0.00	20.07 -0.90 0.00	18.76 -0.86 0.00	19.16 -0.88 0.00	19.99 -0.85 0.00	22.15 -1.14 0.00	22.73 -0.97 0.00	23.10 -0.81 0.00	23.63 -0.76 0.00	24.64 -0.53 0.00	26.18 -0.40 0.00	27.19 -0.47 0.00	27.85 -0.25 0.00	31.25 -0.09 0.00	31.66 -0.19 0.00	35.50 -0.29 0.00	41.40 -0.67 0.00	41.81 -0.55 0.00	37.92 -0.46 0.00	35.40 -0.04 0.00	31.01 -0.06 0.00	27.58 -0.14 0.00	26.39 -0.03 0.00

ROCHESTER_9_IC 23652	23.87 -0.59 0.00	21.82 -0.74 0.00	20.17 -0.80 0.00	18.86 -0.77 0.00	19.26 -0.78 0.00	20.10 -0.75 0.00	22.29 -1.00 0.00	22.87 -0.83 0.00	23.27 -0.65 0.00	23.80 -0.59 0.00	24.84 -0.33 0.00	26.40 -0.19 0.00	27.42 -0.25 0.00	28.08 -0.03 0.00	31.54 0.19 0.00	31.98 0.13 0.00	35.82 0.04 0.00	41.78 -0.29 0.00	42.19 -0.17 0.00	38.26 -0.12 0.00	35.69 0.25 0.00	31.29 0.22 0.00	27.80 0.08 0.00	26.60 0.18 0.00
ROCKVIEW_13_KV_LD 356306	26.19 1.74 0.00	24.03 1.47 0.00	22.40 1.43 0.00	21.00 1.37 0.00	21.44 1.40 0.00	22.28 1.44 0.00	24.92 1.63 0.00	25.62 1.92 0.00	25.97 2.06 0.00	26.58 2.20 0.00	27.48 2.32 0.00	28.98 2.39 0.00	30.43 2.77 0.00	31.03 2.92 0.00	34.64 3.29 0.00	35.22 3.38 0.00	39.72 3.94 0.00	46.74 4.67 0.00	46.81 4.45 0.00	42.21 3.84 0.00	38.91 3.47 0.00	33.90 2.83 0.00	30.08 2.36 0.00	28.32 1.90 0.00
ROME____115KV_TB2 80656	25.24 0.78 0.00	23.24 0.68 0.00	21.56 0.59 0.00	20.14 0.51 0.00	20.58 0.54 0.00	21.49 0.65 0.00	23.94 0.65 0.00	24.51 0.81 0.00	24.73 0.81 0.00	25.17 0.78 0.00	25.99 0.75 -0.07	27.45 0.88 0.01	28.86 1.05 -0.14	29.32 1.10 -0.12	32.77 1.19 -0.23	33.26 1.21 -0.20	37.65 1.57 -0.29	44.50 1.94 -0.49	45.04 2.08 -0.61	40.94 2.15 -0.42	37.72 1.95 -0.33	33.08 1.71 -0.30	29.30 1.44 -0.13	27.77 1.24 -0.12
ROSETON____1 23587	25.78 1.32 0.00	23.71 1.15 0.00	22.10 1.13 0.00	20.73 1.10 0.00	21.14 1.10 0.00	21.97 1.12 0.00	24.55 1.26 0.00	25.07 1.37 0.00	25.42 1.51 0.00	25.97 1.58 0.00	26.82 1.66 0.00	28.26 1.68 0.00	29.68 2.02 0.00	30.21 2.11 0.00	33.76 2.41 0.00	34.30 2.45 0.00	38.72 2.93 0.00	45.56 3.49 0.00	45.70 3.35 0.00	41.26 2.88 0.00	38.02 2.59 0.00	33.16 2.08 0.00	29.50 1.78 0.00	27.81 1.40 0.00
ROSETON____2 23588	25.78 1.32 0.00	23.71 1.15 0.00	22.10 1.13 0.00	20.73 1.10 0.00	21.14 1.10 0.00	21.97 1.12 0.00	24.55 1.26 0.00	25.07 1.37 0.00	25.42 1.51 0.00	25.97 1.58 0.00	26.82 1.66 0.00	28.26 1.68 0.00	29.68 2.02 0.00	30.21 2.11 0.00	33.76 2.41 0.00	34.30 2.45 0.00	38.72 2.93 0.00	45.56 3.49 0.00	45.70 3.35 0.00	41.26 2.88 0.00	38.02 2.59 0.00	33.16 2.08 0.00	29.50 1.78 0.00	27.81 1.40 0.00
ROTTDRAM_115KV_TB3 80664	25.34 0.88 0.00	23.38 0.81 0.00	21.71 0.73 0.00	20.31 0.69 0.00	20.76 0.72 0.00	21.60 0.75 0.00	24.11 0.82 0.00	24.53 0.83 0.00	24.73 0.81 0.00	25.22 0.83 0.00	25.97 0.81 0.00	27.43 0.85 0.00	28.72 1.05 0.00	29.20 1.10 0.00	32.57 1.22 0.00	33.15 1.31 0.00	37.32 1.54 0.00	43.96 1.89 0.00	44.39 2.03 0.00	40.18 1.80 0.00	37.07 1.63 0.00	32.44 1.37 0.00	28.83 1.11 0.00	27.37 0.95 0.00
RUSSELL____1 23602	23.99 -0.46 0.00	21.91 -0.65 0.00	20.28 -0.69 0.00	18.94 -0.69 0.00	19.34 -0.70 0.00	20.18 -0.67 0.00	22.40 -0.89 0.00	23.01 -0.69 0.00	23.41 -0.50 0.00	23.95 -0.44 0.00	24.99 -0.18 0.00	26.58 0.00 0.00	27.61 -0.06 0.00	28.30 0.20 0.00	31.79 0.44 0.00	32.23 0.38 0.00	36.10 0.32 0.00	42.15 0.08 0.00	42.53 0.17 0.00	38.53 0.15 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.00 0.28 0.00	26.76 0.34 0.00
RUSSELL____2 23532	23.99 -0.46 0.00	21.91 -0.65 0.00	20.28 -0.69 0.00	18.94 -0.69 0.00	19.34 -0.70 0.00	20.18 -0.67 0.00	22.40 -0.89 0.00	23.01 -0.69 0.00	23.41 -0.50 0.00	23.95 -0.44 0.00	24.99 -0.18 0.00	26.58 0.00 0.00	27.61 -0.06 0.00	28.30 0.20 0.00	31.79 0.44 0.00	32.23 0.38 0.00	36.10 0.32 0.00	42.15 0.08 0.00	42.53 0.17 0.00	38.53 0.15 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.00 0.28 0.00	26.76 0.34 0.00
RUSSELL____3 23549	23.99 -0.46 0.00	21.91 -0.65 0.00	20.28 -0.69 0.00	18.94 -0.69 0.00	19.34 -0.70 0.00	20.18 -0.67 0.00	22.40 -0.89 0.00	23.01 -0.69 0.00	23.41 -0.50 0.00	23.95 -0.44 0.00	24.99 -0.18 0.00	26.58 0.00 0.00	27.61 -0.06 0.00	28.30 0.20 0.00	31.79 0.44 0.00	32.23 0.38 0.00	36.10 0.32 0.00	42.15 0.08 0.00	42.53 0.17 0.00	38.53 0.15 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.00 0.28 0.00	26.76 0.34 0.00
RUSSELL____4 23556	23.99 -0.46 0.00	21.91 -0.65 0.00	20.28 -0.69 0.00	18.94 -0.69 0.00	19.34 -0.70 0.00	20.18 -0.67 0.00	22.40 -0.89 0.00	23.01 -0.69 0.00	23.41 -0.50 0.00	23.95 -0.44 0.00	24.99 -0.18 0.00	26.58 0.00 0.00	27.61 -0.06 0.00	28.30 0.20 0.00	31.79 0.44 0.00	32.23 0.38 0.00	36.10 0.32 0.00	42.15 0.08 0.00	42.53 0.17 0.00	38.53 0.15 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.00 0.28 0.00	26.76 0.34 0.00
RUSSELL____STATION 23914	23.99 -0.46 0.00	21.91 -0.65 0.00	20.28 -0.69 0.00	18.94 -0.69 0.00	19.34 -0.70 0.00	20.18 -0.67 0.00	22.40 -0.89 0.00	23.01 -0.69 0.00	23.41 -0.50 0.00	23.95 -0.44 0.00	24.99 -0.18 0.00	26.58 0.00 0.00	27.61 -0.06 0.00	28.30 0.20 0.00	31.79 0.44 0.00	32.23 0.38 0.00	36.10 0.32 0.00	42.15 0.08 0.00	42.53 0.17 0.00	38.53 0.15 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.00 0.28 0.00	26.76 0.34 0.00
S SALMON____HYD 24043	23.87 -0.59 0.00	21.98 -0.59 0.00	20.41 -0.57 0.00	19.08 -0.55 0.00	19.50 -0.54 0.00	20.33 -0.52 0.00	22.66 -0.63 0.00	23.08 -0.62 0.00	23.27 -0.64 0.00	23.73 -0.66 0.00	24.96 -0.53 -0.32	26.58 -0.48 -0.48	27.93 -0.41 -0.68	28.30 -0.37 -0.56	32.01 -0.41 -1.07	32.32 -0.48 -0.95	36.65 -0.50 -1.37	43.75 -0.63 -2.31	44.75 -0.47 -2.85	40.15 -0.19 -1.96	36.81 -0.18 -1.54	32.42 -0.06 -1.41	28.29 -0.06 -0.62	26.75 -0.21 -0.55
S.PERRY__115KV_TB1 80734	24.53 0.07 0.00	22.34 -0.23 0.00	20.66 -0.31 0.00	19.27 -0.35 0.00	19.68 -0.36 0.00	20.60 -0.25 0.00	22.82 -0.47 0.00	23.32 -0.38 0.00	23.51 -0.41 0.00	23.93 -0.46 0.00	24.89 -0.28 0.00	26.61 0.03 0.00	27.58 -0.08 0.00	28.30 0.20 0.00	31.79 0.44 0.00	32.23 0.38 0.00	36.32 0.54 0.00	42.62 0.55 0.00	43.46 1.10 0.00	39.76 1.38 0.00	37.25 1.81 0.00	32.75 1.68 0.00	29.02 1.30 0.00	27.66 1.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.06 -1.39 0.00	20.98 -1.58 0.00	19.40 -1.57 0.00	18.13 -1.49 0.00	18.54 -1.50 0.00	19.34 -1.50 0.00	21.29 -2.00 0.00	21.80 -1.90 0.00	22.34 -1.58 0.00	22.78 -1.61 0.00	23.96 -1.21 0.00	25.55 -1.04 0.00	26.45 -1.22 0.00	27.26 -0.84 0.00	30.69 -0.66 0.00	31.02 -0.83 0.00	34.64 -1.14 0.00	39.97 -2.10 0.00	40.62 -1.74 0.00	36.96 -1.42 0.00	34.66 -0.78 0.00	30.36 -0.71 0.00	27.08 -0.64 0.00	26.20 -0.21 0.00
SAWYER____23_KV_LOAD 55526	23.06 -1.39 0.00	20.98 -1.58 0.00	19.40 -1.57 0.00	18.13 -1.49 0.00	18.54 -1.50 0.00	19.34 -1.50 0.00	21.29 -2.00 0.00	21.80 -1.90 0.00	22.34 -1.58 0.00	22.78 -1.61 0.00	23.96 -1.21 0.00	25.55 -1.04 0.00	26.45 -1.22 0.00	27.26 -0.84 0.00	30.69 -0.66 0.00	31.02 -0.83 0.00	34.64 -1.14 0.00	39.97 -2.10 0.00	40.62 -1.74 0.00	36.96 -1.42 0.00	34.66 -0.78 0.00	30.36 -0.71 0.00	27.08 -0.64 0.00	26.20 -0.21 0.00

SELKIRK___I 23801	25.34 0.88 0.00	23.49 0.93 0.00	21.83 0.86 0.00	20.45 0.82 0.00	20.86 0.82 0.00	21.70 0.86 0.00	24.20 0.91 0.00	24.55 0.85 0.00	24.58 0.67 0.00	25.02 0.63 0.00	25.74 0.58 0.00	27.14 0.56 0.00	28.41 0.75 0.00	28.83 0.73 0.00	32.13 0.78 0.00	32.67 0.83 0.00	36.93 1.14 0.00	43.58 1.51 0.00	44.01 1.65 0.00	39.87 1.50 0.00	36.75 1.31 0.00	32.19 1.12 0.00	28.72 1.00 0.00	27.23 0.82 0.00
SELKIRK___II 23799	25.26 0.81 0.00	23.40 0.84 0.00	21.77 0.80 0.00	20.39 0.76 0.00	20.80 0.76 0.00	21.64 0.79 0.00	24.15 0.86 0.00	24.53 0.83 0.00	24.61 0.69 0.00	25.07 0.68 0.00	25.82 0.65 0.00	27.25 0.66 0.00	28.58 0.91 0.00	29.00 0.90 0.00	32.32 0.97 0.00	32.87 1.02 0.00	37.03 1.25 0.00	43.67 1.60 0.00	43.97 1.61 0.00	39.80 1.42 0.00	36.68 1.24 0.00	32.07 0.99 0.00	28.61 0.89 0.00	27.10 0.69 0.00
SENECA OSWGO___HYD 24041	23.99 -0.47 0.00	22.07 -0.50 0.00	20.51 -0.46 0.00	19.16 -0.47 0.00	19.58 -0.46 0.00	20.39 -0.46 0.00	22.76 -0.53 0.00	23.16 -0.54 0.00	23.39 -0.53 0.00	23.88 -0.51 0.00	25.14 -0.48 -0.45	27.02 -0.43 -0.87	28.23 -0.39 -0.95	28.58 -0.31 -0.78	32.53 -0.31 -1.50	32.86 -0.32 -1.33	37.39 -0.32 -1.93	44.86 -0.46 -3.25	45.94 -0.42 -4.01	40.82 -0.31 -2.76	37.36 -0.25 -2.17	32.87 -0.19 -1.98	28.43 -0.17 -0.88	26.87 -0.32 -0.77
SENECA___115KV_TB3 355854	23.33 -1.13 0.00	21.19 -1.38 0.00	19.61 -1.36 0.00	18.33 -1.30 0.00	18.72 -1.32 0.00	19.56 -1.29 0.00	21.52 -1.77 0.00	22.07 -1.64 0.00	22.60 -1.32 0.00	23.05 -1.34 0.00	24.29 -0.88 0.00	25.89 -0.69 0.00	26.84 -0.83 0.00	27.69 -0.42 0.00	31.16 -0.19 0.00	31.50 -0.35 0.00	35.17 -0.61 0.00	40.56 -1.51 0.00	41.30 -1.06 0.00	37.53 -0.84 0.00	35.16 -0.28 0.00	30.80 -0.28 0.00	27.45 -0.28 0.00	26.55 0.13 0.00
SENECA___ENERGY 23797	24.19 -0.27 0.00	22.18 -0.38 0.00	20.55 -0.42 0.00	19.19 -0.43 0.00	19.64 -0.40 0.00	20.47 -0.37 0.00	22.85 -0.44 0.00	23.37 -0.33 0.00	23.65 -0.26 0.00	24.19 -0.20 0.00	25.24 -0.10 -0.18	26.94 0.03 -0.34	28.13 0.08 -0.38	28.67 0.25 -0.31	32.29 0.35 -0.60	32.66 0.29 -0.53	36.91 0.36 -0.77	43.62 0.25 -1.29	44.38 0.42 -1.59	39.97 0.50 -1.10	36.87 0.57 -0.86	32.42 0.56 -0.79	28.54 0.47 -0.35	27.01 0.29 -0.31
SHOEMAKER___GT 23640	25.63 1.17 0.00	23.56 0.99 0.00	21.94 0.97 0.00	20.57 0.94 0.00	20.98 0.94 0.00	21.83 0.98 0.00	24.38 1.09 0.00	24.86 1.16 0.00	25.18 1.27 0.00	25.73 1.34 0.00	26.55 1.38 0.00	27.99 1.41 0.00	29.38 1.72 0.00	29.91 1.80 0.00	33.38 2.04 0.00	33.95 2.10 0.00	38.29 2.50 0.00	45.10 3.03 0.00	45.28 2.92 0.00	40.91 2.53 0.00	37.71 2.27 0.00	32.91 1.83 0.00	29.30 1.58 0.00	27.66 1.24 0.00
SHOEMAKR_138KV_BK 111 55601	25.61 1.15 0.00	23.53 0.97 0.00	21.94 0.96 0.00	20.57 0.94 0.00	20.98 0.94 0.00	21.83 0.98 0.00	24.38 1.09 0.00	24.91 1.21 0.00	25.21 1.29 0.00	25.73 1.34 0.00	26.57 1.41 0.00	28.02 1.44 0.00	29.38 1.72 0.00	29.96 1.85 0.00	33.42 2.07 0.00	33.98 2.13 0.00	38.32 2.54 0.00	45.10 3.03 0.00	45.32 2.97 0.00	40.91 2.53 0.00	37.74 2.30 0.00	32.91 1.83 0.00	29.27 1.55 0.00	27.66 1.24 0.00
SHOREHAM_IC_1 23715	33.14 2.15 -6.53	27.63 1.85 -3.22	24.74 1.78 -1.99	23.27 1.73 -1.92	22.16 1.74 -0.38	23.98 1.79 -1.34	26.22 2.00 -0.93	28.97 2.18 -3.09	32.17 2.39 -5.86	32.39 2.49 -5.51	34.03 2.72 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.70 4.07 -8.28	42.56 4.14 -6.58	47.01 4.87 -6.36	55.18 5.81 -7.30	52.90 5.68 -4.86	43.18 4.80 -0.01	39.73 4.29 0.00	37.90 3.54 -3.29	32.43 2.91 -1.80	31.66 2.35 -2.90
SHOREHAM_IC_2 23716	33.14 2.15 -6.53	27.63 1.85 -3.22	24.74 1.78 -1.99	23.27 1.73 -1.92	22.16 1.74 -0.38	23.98 1.79 -1.34	26.22 2.00 -0.93	28.97 2.18 -3.09	32.17 2.39 -5.86	32.39 2.49 -5.51	34.03 2.72 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.70 4.07 -8.28	42.56 4.14 -6.58	47.01 4.87 -6.36	55.18 5.81 -7.30	52.90 5.68 -4.86	43.18 4.80 -0.01	39.73 4.29 0.00	37.90 3.54 -3.29	32.43 2.91 -1.80	31.66 2.35 -2.90
SISSONVILLE___ 23735	23.58 -0.88 0.00	22.14 -0.43 0.00	20.55 -0.42 0.00	19.21 -0.41 0.00	19.64 -0.40 0.00	20.41 -0.44 0.00	22.85 -0.44 0.00	22.94 -0.76 0.00	23.03 -0.88 0.00	23.17 -1.22 0.00	23.77 -1.43 -0.04	23.33 -1.62 1.63	25.84 -1.91 -0.09	26.13 -2.05 -0.07	29.07 -2.41 -0.14	29.49 -2.48 -0.12	33.13 -2.83 -0.18	39.17 -3.20 -0.30	39.47 -3.26 -0.37	35.87 -2.76 -0.25	33.12 -2.52 -0.20	29.14 -2.11 -0.18	26.06 -1.75 -0.08	25.17 -1.32 -0.07
SITHE_IND_GS1 24169	23.75 -0.71 0.00	21.89 -0.68 0.00	20.32 -0.65 0.00	19.02 -0.61 0.00	19.42 -0.62 0.00	20.22 -0.62 0.00	22.54 -0.75 0.00	22.89 -0.81 0.00	23.13 -0.79 0.00	23.59 -0.80 0.00	23.07 -0.78 1.31	23.13 -0.77 2.68	24.13 -0.77 2.76	25.13 -0.70 2.27	26.25 -0.75 4.34	27.22 -0.76 3.86	29.32 -0.86 5.60	31.55 -1.09 9.43	29.67 -1.06 11.63	29.46 -0.92 7.99	28.33 -0.81 6.29	24.64 -0.68 5.75	24.54 -0.64 2.54	23.48 -0.69 2.25
SITHE_IND_GS2 24170	23.75 -0.71 0.00	21.89 -0.68 0.00	20.32 -0.65 0.00	19.02 -0.61 0.00	19.42 -0.62 0.00	20.22 -0.62 0.00	22.54 -0.75 0.00	22.89 -0.81 0.00	23.13 -0.79 0.00	23.59 -0.80 0.00	23.07 -0.78 1.31	23.13 -0.77 2.68	24.13 -0.77 2.76	25.13 -0.70 2.27	26.25 -0.75 4.34	27.22 -0.76 3.86	29.32 -0.86 5.60	31.55 -1.09 9.43	29.67 -1.06 11.63	29.46 -0.92 7.99	28.33 -0.81 6.29	24.64 -0.68 5.75	24.54 -0.64 2.54	23.48 -0.69 2.25
SITHE_IND_GS3 24171	23.75 -0.71 0.00	21.89 -0.68 0.00	20.32 -0.65 0.00	19.02 -0.61 0.00	19.42 -0.62 0.00	20.22 -0.62 0.00	22.54 -0.75 0.00	22.89 -0.81 0.00	23.13 -0.79 0.00	23.59 -0.80 0.00	23.07 -0.78 1.31	23.13 -0.77 2.68	24.13 -0.77 2.76	25.13 -0.70 2.27	26.25 -0.75 4.34	27.22 -0.76 3.86	29.32 -0.86 5.60	31.55 -1.09 9.43	29.67 -1.06 11.63	29.46 -0.92 7.99	28.33 -0.81 6.29	24.64 -0.68 5.75	24.54 -0.64 2.54	23.48 -0.69 2.25
SITHE_IND_GS4 24172	23.75 -0.71 0.00	21.89 -0.68 0.00	20.32 -0.65 0.00	19.02 -0.61 0.00	19.42 -0.62 0.00	20.22 -0.62 0.00	22.54 -0.75 0.00	22.89 -0.81 0.00	23.13 -0.79 0.00	23.59 -0.80 0.00	23.07 -0.78 1.31	23.13 -0.77 2.68	24.13 -0.77 2.76	25.13 -0.70 2.27	26.25 -0.75 4.34	27.22 -0.76 3.86	29.32 -0.86 5.60	31.55 -1.09 9.43	29.67 -1.06 11.63	29.46 -0.92 7.99	28.33 -0.81 6.29	24.64 -0.68 5.75	24.54 -0.64 2.54	23.48 -0.69 2.25
SITHE___BATAVIA 24024	23.90 -0.56 0.00	21.71 -0.86 0.00	20.07 -0.90 0.00	18.77 -0.86 0.00	19.16 -0.88 0.00	19.99 -0.86 0.00	22.08 -1.21 0.00	22.75 -0.95 0.00	23.22 -0.69 0.00	23.71 -0.68 0.00	24.89 -0.28 0.00	26.58 0.00 0.00	27.61 -0.06 0.00	28.42 0.31 0.00	31.82 0.47 0.00	32.26 0.41 0.00	35.93 0.14 0.00	41.52 -0.55 0.00	42.36 0.00 0.00	38.45 0.08 0.00	36.08 0.64 0.00	31.64 0.56 0.00	28.22 0.50 0.00	26.99 0.58 0.00

SITHE___INDEPEND 23800	23.75 -0.71 0.00	21.89 -0.68 0.00	20.32 -0.65 0.00	19.02 -0.61 0.00	19.42 -0.62 0.00	20.22 -0.63 0.00	22.54 -0.75 0.00	22.89 -0.81 0.00	23.13 -0.79 0.00	23.58 -0.80 0.00	23.07 -0.78 1.31	23.13 -0.77 2.68	24.13 -0.77 2.76	25.10 -0.73 2.27	26.25 -0.75 4.34	27.19 -0.80 3.86	29.32 -0.86 5.60	31.55 -1.09 9.43	29.67 -1.06 11.63	29.46 -0.92 7.99	28.33 -0.82 6.29	24.61 -0.71 5.75	24.51 -0.67 2.54	23.48 -0.69 2.25
SITHE___MASSENA 23902	23.90 -0.56 0.00	22.36 -0.20 0.00	20.76 -0.21 0.00	19.43 -0.20 0.00	19.84 -0.20 0.00	20.60 -0.25 0.00	23.10 -0.19 0.00	23.39 -0.31 0.00	23.37 -0.55 0.00	23.68 -0.71 0.00	24.36 -0.81 0.00	23.17 -0.90 2.51	26.48 -1.19 0.00	26.84 -1.26 0.00	29.84 -1.50 0.00	30.29 -1.56 0.00	33.96 -1.82 0.00	40.01 -2.06 0.00	40.20 -2.16 0.00	36.53 -1.84 0.00	33.81 -1.63 0.00	29.65 -1.43 0.00	26.45 -1.27 0.00	25.52 -0.90 0.00
SITHE___OGDNSBRG 24021	23.99 -0.46 0.00	22.50 -0.07 0.00	20.89 -0.08 0.00	19.53 -0.10 0.00	19.98 -0.06 0.00	20.76 -0.08 0.00	23.24 -0.05 0.00	23.34 -0.36 0.00	23.46 -0.45 0.00	23.68 -0.71 0.00	24.26 -0.91 0.00	23.55 -1.01 2.03	26.39 -1.27 0.00	26.67 -1.43 0.00	29.66 -1.69 0.00	30.10 -1.75 0.00	33.74 -2.04 0.00	39.84 -2.23 0.00	40.11 -2.25 0.00	36.61 -1.77 0.00	33.88 -1.56 0.00	29.74 -1.34 0.00	26.64 -1.08 0.00	25.65 -0.77 0.00
SITHE___STERLING 23777	25.09 0.63 0.00	23.08 0.52 0.00	21.43 0.46 0.00	20.02 0.39 0.00	20.46 0.42 0.00	21.37 0.52 0.00	23.80 0.51 0.00	24.34 0.64 0.00	24.56 0.65 0.00	25.02 0.63 0.00	25.89 0.65 -0.07	27.41 0.77 -0.05	28.73 0.91 -0.16	29.22 0.98 -0.13	32.66 1.07 -0.24	33.15 1.08 -0.22	37.49 1.39 -0.32	44.24 1.64 -0.53	44.79 1.78 -0.66	40.63 1.80 -0.45	37.43 1.63 -0.36	32.86 1.46 -0.32	29.11 1.25 -0.14	27.57 1.03 -0.13
SLEIGHT___34_KV_TB1 80719	23.94 -0.51 0.00	21.93 -0.63 0.00	20.30 -0.67 0.00	18.96 -0.67 0.00	19.38 -0.66 0.00	20.22 -0.63 0.00	22.52 -0.77 0.00	23.11 -0.59 0.00	23.44 -0.48 0.00	23.97 -0.41 0.00	24.96 -0.25 -0.05	26.55 -0.13 -0.10	27.63 -0.14 -0.10	28.25 0.06 -0.09	31.73 0.22 -0.16	32.15 0.16 -0.15	36.17 0.18 -0.21	42.38 -0.04 -0.36	42.84 0.04 -0.44	38.72 0.04 -0.30	36.00 0.32 -0.24	31.57 0.28 -0.22	27.96 0.14 -0.10	26.61 0.11 -0.08
SOUTH CAIRO___GT 23612	26.05 1.59 0.00	24.14 1.58 0.00	22.44 1.47 0.00	21.00 1.37 0.00	21.46 1.42 0.00	22.37 1.52 0.00	24.97 1.68 0.00	25.07 1.37 0.00	24.92 1.00 0.00	25.29 0.90 0.00	25.97 0.81 0.00	27.35 0.77 0.00	28.69 1.02 0.00	29.17 1.07 0.00	32.57 1.22 0.00	33.12 1.27 0.00	37.43 1.65 0.00	44.38 2.31 0.00	45.07 2.71 0.00	40.83 2.46 0.00	37.64 2.20 0.00	32.97 1.90 0.00	29.47 1.75 0.00	27.95 1.53 0.00
SOUTH HAMPTN___IC 23720	33.58 2.59 -6.53	28.01 2.23 -3.22	25.12 2.16 -1.99	23.61 2.06 -1.92	22.50 2.08 -0.38	24.33 2.15 -1.34	26.62 2.40 -0.93	29.39 2.61 -3.09	32.62 2.84 -5.86	32.90 3.00 -5.51	34.66 3.35 -6.15	40.21 3.51 -10.12	40.06 3.96 -8.44	41.13 4.27 -8.75	44.55 4.92 -8.28	43.39 4.97 -6.58	47.94 5.80 -6.36	56.23 6.86 -7.30	53.96 6.74 -4.86	44.06 5.68 -0.01	40.47 5.03 0.00	38.53 4.17 -3.29	32.90 3.38 -1.80	32.09 2.77 -2.90
SOUTHDOW_115KV_TB1 355954	23.60 -0.86 0.00	21.35 -1.22 0.00	19.71 -1.26 0.00	18.45 -1.18 0.00	18.86 -1.18 0.00	19.74 -1.10 0.00	21.78 -1.51 0.00	22.40 -1.30 0.00	22.96 -0.96 0.00	23.44 -0.95 0.00	24.76 -0.40 0.00	26.34 -0.24 0.00	27.36 -0.30 0.00	28.33 0.22 0.00	31.85 0.50 0.00	32.23 0.38 0.00	36.07 0.29 0.00	41.61 -0.46 0.00	42.44 0.08 0.00	38.57 0.19 0.00	36.15 0.71 0.00	31.76 0.68 0.00	28.30 0.58 0.00	27.31 0.90 0.00
SOUTHOLD_69_KV_BK 2 55809	34.05 3.06 -6.53	28.42 2.64 -3.22	25.50 2.54 -1.99	23.98 2.43 -1.92	22.88 2.46 -0.38	24.71 2.52 -1.34	27.04 2.82 -0.93	29.89 3.10 -3.09	33.12 3.35 -5.86	33.41 3.51 -5.51	35.31 4.00 -6.15	40.93 4.23 -10.12	40.78 4.68 -8.44	41.89 5.03 -8.75	45.39 5.77 -8.28	44.25 5.83 -6.58	48.91 6.76 -6.36	57.32 7.95 -7.30	55.06 7.84 -4.86	44.95 6.56 -0.01	41.18 5.74 0.00	39.15 4.79 -3.29	33.26 3.74 -1.80	32.43 3.12 -2.90
SOUTHOLD___IC 23719	34.05 3.06 -6.53	28.44 2.66 -3.22	25.50 2.54 -1.99	23.98 2.43 -1.92	22.88 2.46 -0.38	24.70 2.52 -1.34	27.04 2.82 -0.93	29.84 3.06 -3.09	33.12 3.35 -5.86	33.41 3.51 -5.51	35.31 4.00 -6.15	40.93 4.23 -10.12	40.81 4.70 -8.44	41.89 5.03 -8.75	45.39 5.77 -8.28	44.25 5.83 -6.58	48.91 6.76 -6.36	57.36 8.00 -7.30	55.06 7.84 -4.86	44.95 6.56 -0.01	41.18 5.74 0.00	39.14 4.78 -3.29	33.32 3.80 -1.80	32.43 3.12 -2.90
SOUTH_FORK_WT_PWR 323839	34.12 3.13 -6.53	28.49 2.71 -3.22	25.56 2.60 -1.99	24.04 2.49 -1.92	22.92 2.50 -0.38	24.75 2.56 -1.34	27.11 2.89 -0.93	29.91 3.13 -3.09	33.20 3.42 -5.86	33.51 3.61 -5.51	35.44 4.13 -6.15	41.06 4.36 -10.12	40.92 4.81 -8.44	41.98 5.12 -8.75	45.48 5.86 -8.28	44.32 5.89 -6.58	48.95 6.80 -6.36	57.40 8.04 -7.30	55.10 7.88 -4.86	44.95 6.56 -0.01	41.15 5.71 0.00	39.08 4.72 -3.29	33.24 3.72 -1.80	32.32 3.01 -2.90
SPIERFLS_115KV_TB 1 80737	25.58 1.13 0.00	23.62 1.06 0.00	21.87 0.90 0.00	20.43 0.80 0.00	20.90 0.86 0.00	21.78 0.94 0.00	24.36 1.07 0.00	24.72 1.02 0.00	24.97 1.05 0.00	25.46 1.07 0.00	26.02 0.86 0.00	27.51 0.93 0.00	28.83 1.16 0.00	29.20 1.10 0.00	32.57 1.22 0.00	33.15 1.31 0.00	37.36 1.57 0.00	44.09 2.02 0.00	45.07 2.71 0.00	40.75 2.38 0.00	37.67 2.23 0.00	33.00 1.93 0.00	29.25 1.52 0.00	27.79 1.37 0.00
ST LAWRENCE____ 23600	23.94 -0.51 0.00	22.20 -0.36 0.00	20.61 -0.36 0.00	19.29 -0.33 0.00	19.70 -0.34 0.00	20.45 -0.40 0.00	22.92 -0.37 0.00	23.27 -0.43 0.00	23.41 -0.50 0.00	23.80 -0.59 0.00	24.51 -0.65 0.00	26.05 -0.72 -0.19	26.67 -0.99 0.00	27.04 -1.07 0.00	30.09 -1.25 0.00	30.54 -1.31 0.00	34.21 -1.57 0.00	40.31 -1.77 0.00	40.50 -1.86 0.00	36.73 -1.65 0.00	33.95 -1.49 0.00	29.80 -1.28 0.00	26.61 -1.11 0.00	25.62 -0.79 0.00
STATE_CA_115KV_115_LB 55624	25.41 0.95 0.00	23.60 1.04 0.00	21.94 0.96 0.00	20.55 0.92 0.00	20.96 0.92 0.00	21.80 0.96 0.00	24.34 1.05 0.00	24.74 1.04 0.00	24.68 0.77 0.00	25.17 0.78 0.00	25.94 0.78 0.00	27.41 0.82 0.00	28.74 1.08 0.00	29.15 1.04 0.00	32.48 1.13 0.00	33.03 1.18 0.00	37.21 1.43 0.00	43.84 1.77 0.00	44.22 1.86 0.00	39.95 1.57 0.00	36.82 1.38 0.00	32.22 1.15 0.00	28.72 1.00 0.00	27.23 0.82 0.00
STATE_ST_34_KV_LOAD 55959	24.46 0.00 0.00	22.47 -0.09 0.00	20.82 -0.15 0.00	19.47 -0.16 0.00	19.90 -0.14 0.00	20.74 -0.10 0.00	23.13 -0.16 0.00	23.65 -0.05 0.00	23.92 0.00 0.00	24.44 0.05 0.00	25.50 0.13 -0.21	27.22 0.24 -0.39	28.38 0.28 -0.44	28.89 0.42 -0.36	32.60 0.56 -0.69	32.97 0.51 -0.61	37.35 0.68 -0.89	44.28 0.72 -1.50	45.01 0.80 -1.85	40.45 0.81 -1.27	37.25 0.82 -1.00	32.73 0.75 -0.91	28.71 0.58 -0.40	27.19 0.42 -0.36

STATION 5_MISC_HYD 23604	23.87 -0.59 0.00	21.80 -0.77 0.00	20.17 -0.80 0.00	18.86 -0.77 0.00	19.26 -0.78 0.00	20.08 -0.77 0.00	22.27 -1.02 0.00	22.87 -0.83 0.00	23.27 -0.64 0.00	23.80 -0.59 0.00	24.84 -0.33 0.00	26.45 -0.13 0.00	27.47 -0.19 0.00	28.16 0.06 0.00	31.51 0.16 0.00	32.07 0.22 0.00	35.78 0.00 0.00	41.65 -0.42 0.00	42.19 -0.17 0.00	38.26 -0.11 0.00	35.72 0.28 0.00	31.32 0.25 0.00	27.92 0.20 0.00	26.60 0.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.16 -0.29 0.00	22.11 -0.45 0.00	20.49 -0.48 0.00	19.14 -0.49 0.00	19.54 -0.50 0.00	20.41 -0.44 0.00	22.71 -0.58 0.00	23.32 -0.38 0.00	23.68 -0.24 0.00	24.22 -0.17 0.00	25.24 0.03 -0.05	26.88 0.19 -0.11	27.97 0.19 -0.11	28.62 0.42 -0.09	32.15 0.63 -0.18	32.58 0.57 -0.16	36.65 0.64 -0.23	42.96 0.50 -0.38	43.42 0.59 -0.47	39.24 0.54 -0.32	36.47 0.78 -0.25	31.99 0.68 -0.23	28.29 0.47 -0.10	26.95 0.45 -0.09
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.77 -0.68 0.00	21.75 -0.81 0.00	20.11 -0.86 0.00	18.80 -0.82 0.00	19.20 -0.84 0.00	20.03 -0.81 0.00	22.24 -1.05 0.00	22.82 -0.88 0.00	23.22 -0.69 0.00	23.76 -0.63 0.00	24.76 -0.40 0.00	26.32 -0.27 0.00	27.36 -0.30 0.00	28.02 -0.08 0.00	31.44 0.09 0.00	31.88 0.03 0.00	35.75 -0.04 0.00	41.73 -0.34 0.00	42.10 -0.25 0.00	38.15 -0.23 0.00	35.58 0.14 0.00	31.20 0.12 0.00	27.69 -0.03 0.00	26.47 0.05 0.00
STA_56___34_KV_BUS2 355983	23.77 -0.68 0.00	21.75 -0.81 0.00	20.11 -0.86 0.00	18.80 -0.82 0.00	19.20 -0.84 0.00	20.03 -0.81 0.00	22.24 -1.05 0.00	22.82 -0.88 0.00	23.22 -0.69 0.00	23.76 -0.63 0.00	24.76 -0.40 0.00	26.32 -0.27 0.00	27.36 -0.30 0.00	28.02 -0.08 0.00	31.44 0.09 0.00	31.88 0.03 0.00	35.75 -0.04 0.00	41.73 -0.34 0.00	42.10 -0.25 0.00	38.15 -0.23 0.00	35.58 0.14 0.00	31.20 0.12 0.00	27.69 -0.03 0.00	26.47 0.05 0.00
STA_67___115KV_BK2 355882	23.80 -0.66 0.00	21.77 -0.79 0.00	20.13 -0.84 0.00	18.82 -0.80 0.00	19.22 -0.82 0.00	20.05 -0.79 0.00	22.24 -1.05 0.00	22.82 -0.88 0.00	23.22 -0.69 0.00	23.73 -0.66 0.00	24.76 -0.40 0.00	26.32 -0.27 0.00	27.33 -0.33 0.00	27.99 -0.11 0.00	31.41 0.06 0.00	31.85 0.00 0.00	35.71 -0.07 0.00	41.65 -0.42 0.00	42.06 -0.30 0.00	38.15 -0.23 0.00	35.58 0.14 0.00	31.20 0.12 0.00	27.72 0.00 0.00	26.52 0.11 0.00
STA_7___115KV_9TRANS 80674	23.99 -0.46 0.00	21.91 -0.65 0.00	20.28 -0.69 0.00	18.94 -0.69 0.00	19.34 -0.70 0.00	20.18 -0.67 0.00	22.40 -0.89 0.00	23.01 -0.69 0.00	23.41 -0.50 0.00	23.95 -0.44 0.00	24.99 -0.18 0.00	26.58 0.00 0.00	27.61 -0.06 0.00	28.30 0.20 0.00	31.79 0.44 0.00	32.23 0.38 0.00	36.10 0.32 0.00	42.15 0.08 0.00	42.53 0.17 0.00	38.53 0.15 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.00 0.28 0.00	26.76 0.34 0.00
STA_82___115KV_TB1 80780	23.82 -0.64 0.00	21.77 -0.79 0.00	20.15 -0.82 0.00	18.82 -0.80 0.00	19.22 -0.82 0.00	20.05 -0.79 0.00	22.24 -1.05 0.00	22.82 -0.88 0.00	23.22 -0.69 0.00	23.76 -0.63 0.00	24.76 -0.40 0.00	26.32 -0.27 0.00	27.33 -0.33 0.00	27.99 -0.11 0.00	31.44 0.09 0.00	31.88 0.03 0.00	35.71 -0.07 0.00	41.65 -0.42 0.00	42.06 -0.30 0.00	38.15 -0.23 0.00	35.62 0.18 0.00	31.23 0.16 0.00	27.72 0.00 0.00	26.55 0.13 0.00
STEEL___WIND 323596	23.31 -1.15 0.00	21.17 -1.40 0.00	19.59 -1.38 0.00	18.31 -1.31 0.00	18.70 -1.34 0.00	19.51 -1.33 0.00	21.50 -1.79 0.00	22.02 -1.68 0.00	22.58 -1.34 0.00	23.03 -1.37 0.00	24.26 -0.90 0.00	25.92 -0.66 0.00	26.89 -0.77 0.00	27.77 -0.34 0.00	31.10 -0.25 0.00	31.59 -0.26 0.00	35.10 -0.68 0.00	40.31 -1.77 0.00	41.26 -1.10 0.00	37.53 -0.84 0.00	35.12 -0.32 0.00	30.77 -0.31 0.00	27.58 -0.14 0.00	26.52 0.11 0.00
STEPHTWN_115KV_BK_2 55603	25.56 1.10 0.00	23.71 1.15 0.00	22.04 1.07 0.00	20.63 1.00 0.00	21.04 1.00 0.00	21.91 1.06 0.00	24.48 1.19 0.00	24.89 1.19 0.00	24.82 0.91 0.00	25.32 0.93 0.00	26.07 0.91 0.00	27.54 0.96 0.00	28.88 1.22 0.00	29.29 1.18 0.00	32.63 1.29 0.00	33.19 1.34 0.00	37.43 1.65 0.00	44.13 2.06 0.00	44.56 2.20 0.00	40.26 1.88 0.00	37.07 1.63 0.00	32.44 1.37 0.00	28.91 1.19 0.00	27.39 0.98 0.00
STEUBEN_REC_LFGE 323667	23.97 -0.49 0.00	21.80 -0.77 0.00	20.11 -0.86 0.00	18.74 -0.88 0.00	19.16 -0.88 0.00	20.05 -0.79 0.00	22.29 -1.00 0.00	22.92 -0.78 0.00	23.32 -0.60 0.00	23.85 -0.54 0.00	24.95 -0.28 -0.07	26.61 -0.11 -0.14	27.67 -0.14 -0.14	28.42 0.20 -0.12	31.98 0.41 -0.22	32.27 0.22 -0.20	36.35 0.29 -0.29	42.47 -0.08 -0.48	43.29 0.34 -0.59	39.32 0.54 -0.41	36.61 0.85 -0.32	32.11 0.75 -0.29	28.43 0.58 -0.13	27.19 0.66 -0.11
STILLWATER___SOLAR 323814	25.70 1.25 0.00	23.74 1.17 0.00	22.02 1.05 0.00	20.61 0.98 0.00	21.06 1.02 0.00	21.93 1.08 0.00	24.48 1.19 0.00	24.81 1.11 0.00	25.06 1.15 0.00	25.54 1.15 0.00	26.25 1.08 0.00	27.72 1.14 0.00	29.07 1.41 0.00	29.51 1.40 0.00	32.91 1.57 0.00	33.47 1.62 0.00	37.71 1.93 0.00	44.55 2.48 0.00	45.15 2.80 0.00	40.83 2.46 0.00	37.67 2.23 0.00	33.00 1.93 0.00	29.33 1.61 0.00	27.81 1.40 0.00
STONY___BROOK 24151	33.29 2.30 -6.53	27.79 2.01 -3.22	24.89 1.93 -1.99	23.39 1.84 -1.92	22.30 1.88 -0.38	24.10 1.92 -1.34	26.39 2.17 -0.93	29.16 2.37 -3.09	32.34 2.56 -5.86	32.58 2.68 -5.51	34.13 2.82 -6.15	39.57 2.87 -10.12	39.45 3.35 -8.44	40.46 3.60 -8.75	43.77 4.14 -8.28	42.67 4.24 -6.58	46.91 4.76 -6.37	55.01 5.64 -7.30	52.73 5.50 -4.87	43.23 4.84 -0.02	39.80 4.36 0.00	37.93 3.57 -3.29	32.60 3.08 -1.80	31.85 2.54 -2.90
STURGEON_POOL_HYD 23609	26.39 1.93 0.00	24.12 1.56 0.00	22.52 1.55 0.00	21.12 1.49 0.00	21.56 1.52 0.00	22.43 1.58 0.00	25.08 1.79 0.00	25.55 1.85 0.00	26.00 2.08 0.00	26.56 2.17 0.00	27.45 2.29 0.00	28.84 2.26 0.00	30.38 2.71 0.00	31.03 2.92 0.00	34.73 3.39 0.00	35.32 3.47 0.00	39.00 3.22 0.00	45.90 3.83 0.00	46.00 3.64 0.00	41.48 3.11 0.00	38.24 2.80 0.00	33.31 2.24 0.00	29.63 1.91 0.00	27.95 1.53 0.00
ST_LAW_115_BK7_LBMP 345037	23.87 -0.59 0.00	22.18 -0.38 0.00	20.59 -0.38 0.00	19.27 -0.35 0.00	19.68 -0.36 0.00	20.43 -0.42 0.00	22.89 -0.40 0.00	23.25 -0.45 0.00	23.37 -0.55 0.00	23.73 -0.66 0.00	24.43 -0.73 0.00	26.02 -0.80 -0.24	26.58 -1.08 0.00	26.93 -1.18 0.00	29.97 -1.38 0.00	30.42 -1.43 0.00	34.06 -1.72 0.00	40.14 -1.93 0.00	40.33 -2.03 0.00	36.61 -1.76 0.00	33.81 -1.63 0.00	29.71 -1.37 0.00	26.53 -1.19 0.00	25.54 -0.87 0.00
ST_LAW_115_BK8_LBMP 345038	23.87 -0.59 0.00	22.18 -0.38 0.00	20.59 -0.38 0.00	19.27 -0.35 0.00	19.68 -0.36 0.00	20.43 -0.42 0.00	22.89 -0.40 0.00	23.25 -0.45 0.00	23.37 -0.55 0.00	23.73 -0.66 0.00	24.43 -0.73 0.00	26.02 -0.80 -0.24	26.58 -1.08 0.00	26.93 -1.18 0.00	29.97 -1.38 0.00	30.42 -1.43 0.00	34.06 -1.72 0.00	40.14 -1.93 0.00	40.33 -2.03 0.00	36.61 -1.76 0.00	33.81 -1.63 0.00	29.71 -1.37 0.00	26.53 -1.19 0.00	25.54 -0.87 0.00

ST_LAW_230_BK5_LBMP 345035	23.94 -0.51 0.00	22.20 -0.36 0.00	20.61 -0.36 0.00	19.29 -0.33 0.00	19.70 -0.34 0.00	20.45 -0.40 0.00	22.92 -0.37 0.00	23.27 -0.43 0.00	23.41 -0.50 0.00	23.80 -0.59 0.00	24.51 -0.65 0.00	26.00 -0.72 -0.14	26.67 -0.99 0.00	27.04 -1.07 0.00	30.09 -1.25 0.00	30.54 -1.31 0.00	34.21 -1.57 0.00	40.31 -1.77 0.00	40.50 -1.86 0.00	36.73 -1.65 0.00	33.95 -1.49 0.00	29.80 -1.28 0.00	26.61 -1.11 0.00	25.62 -0.79 0.00
ST_LAW_230_BK6_LBMP 345036	23.94 -0.51 0.00	22.20 -0.36 0.00	20.61 -0.36 0.00	19.29 -0.33 0.00	19.70 -0.34 0.00	20.45 -0.40 0.00	22.92 -0.37 0.00	23.27 -0.43 0.00	23.41 -0.50 0.00	23.80 -0.59 0.00	24.51 -0.65 0.00	26.00 -0.72 -0.14	26.67 -0.99 0.00	27.04 -1.07 0.00	30.09 -1.25 0.00	30.54 -1.31 0.00	34.21 -1.57 0.00	40.31 -1.77 0.00	40.50 -1.86 0.00	36.73 -1.65 0.00	33.95 -1.49 0.00	29.80 -1.28 0.00	26.61 -1.11 0.00	25.62 -0.79 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.78 1.32 0.00	23.67 1.11 0.00	22.06 1.09 0.00	20.69 1.06 0.00	21.12 1.08 0.00	21.95 1.10 0.00	24.52 1.23 0.00	25.10 1.40 0.00	25.40 1.48 0.00	25.97 1.59 0.00	26.82 1.66 0.00	28.26 1.67 0.00	29.68 2.02 0.00	30.24 2.14 0.00	33.76 2.41 0.00	34.33 2.48 0.00	38.75 2.97 0.00	45.60 3.53 0.00	45.75 3.39 0.00	41.29 2.92 0.00	38.06 2.62 0.00	33.16 2.08 0.00	29.47 1.75 0.00	27.81 1.40 0.00
SWANROAD_115KV_TB1 355699	22.67 -1.79 0.00	20.62 -1.94 0.00	19.06 -1.91 0.00	17.84 -1.79 0.00	18.22 -1.82 0.00	19.01 -1.83 0.00	20.89 -2.40 0.00	21.38 -2.32 0.00	21.93 -1.98 0.00	22.34 -2.05 0.00	23.50 -1.66 0.00	25.04 -1.54 0.00	25.89 -1.77 0.00	26.65 -1.46 0.00	30.00 -1.35 0.00	30.35 -1.50 0.00	33.89 -1.90 0.00	39.08 -2.99 0.00	39.73 -2.63 0.00	36.19 -2.19 0.00	33.99 -1.45 0.00	29.77 -1.31 0.00	26.56 -1.16 0.00	25.75 -0.66 0.00
SYNERGY___BIOGAS 323694	23.90 -0.56 0.00	21.71 -0.86 0.00	20.07 -0.90 0.00	18.77 -0.86 0.00	19.16 -0.88 0.00	19.99 -0.86 0.00	22.08 -1.21 0.00	22.75 -0.95 0.00	23.22 -0.69 0.00	23.71 -0.68 0.00	24.89 -0.28 0.00	26.58 0.00 0.00	27.61 -0.06 0.00	28.42 0.31 0.00	31.82 0.47 0.00	32.26 0.41 0.00	35.93 0.14 0.00	41.52 -0.55 0.00	42.36 0.00 0.00	38.45 0.08 0.00	36.08 0.64 0.00	31.64 0.56 0.00	28.22 0.50 0.00	26.99 0.58 0.00
SYRACUSE___ENERGY_ST1 323597	24.36 -0.10 0.00	22.41 -0.16 0.00	20.80 -0.17 0.00	19.43 -0.20 0.00	19.86 -0.18 0.00	20.68 -0.17 0.00	23.08 -0.21 0.00	23.56 -0.14 0.00	23.77 -0.14 0.00	24.29 -0.10 0.00	25.36 -0.05 -0.25	27.08 0.03 -0.47	28.25 0.06 -0.53	28.71 0.17 -0.43	32.43 0.25 -0.83	32.81 0.22 -0.74	37.13 0.29 -1.07	44.12 0.25 -1.80	44.87 0.30 -2.22	40.21 0.31 -1.52	36.99 0.35 -1.20	32.51 0.34 -1.10	28.46 0.25 -0.48	26.97 0.13 -0.43
SYRACUSE___ENERGY_ST2 323598	24.36 -0.10 0.00	22.41 -0.16 0.00	20.80 -0.17 0.00	19.43 -0.20 0.00	19.86 -0.18 0.00	20.68 -0.17 0.00	23.08 -0.21 0.00	23.56 -0.14 0.00	23.77 -0.14 0.00	24.29 -0.10 0.00	25.36 -0.05 -0.25	27.08 0.03 -0.47	28.25 0.06 -0.53	28.71 0.17 -0.43	32.43 0.25 -0.83	32.81 0.22 -0.74	37.13 0.29 -1.07	44.12 0.25 -1.80	44.87 0.30 -2.22	40.21 0.31 -1.52	36.99 0.35 -1.20	32.51 0.34 -1.10	28.46 0.25 -0.48	26.97 0.13 -0.43
SYRACUSE___POWER 24017	24.24 -0.22 0.00	22.29 -0.27 0.00	20.70 -0.27 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.60 -0.25 0.00	22.96 -0.33 0.00	23.44 -0.26 0.00	23.68 -0.24 0.00	24.19 -0.20 0.00	25.21 -0.13 -0.17	26.80 -0.08 -0.30	27.99 -0.03 -0.35	28.48 0.08 -0.29	32.06 0.16 -0.56	32.47 0.13 -0.49	36.68 0.18 -0.72	43.36 0.08 -1.21	43.98 0.13 -1.49	39.55 0.15 -1.02	36.42 0.18 -0.81	32.00 0.19 -0.74	28.16 0.11 -0.33	26.70 0.00 -0.29
TALLMAN___138KV_BK151 55660	25.95 1.49 0.00	23.83 1.26 0.00	22.21 1.24 0.00	20.82 1.20 0.00	21.26 1.22 0.00	22.08 1.23 0.00	24.69 1.40 0.00	25.31 1.61 0.00	25.64 1.72 0.00	26.24 1.85 0.00	27.10 1.94 0.00	28.55 1.97 0.00	30.02 2.35 0.00	30.61 2.50 0.00	34.17 2.82 0.00	34.75 2.90 0.00	39.22 3.44 0.00	46.11 4.04 0.00	46.26 3.90 0.00	41.68 3.30 0.00	38.42 2.98 0.00	33.47 2.39 0.00	29.72 2.00 0.00	28.03 1.61 0.00
TEALLAVE_115KV_TB7 355573	24.24 -0.22 0.00	22.29 -0.27 0.00	20.68 -0.29 0.00	19.33 -0.29 0.00	19.76 -0.28 0.00	20.57 -0.27 0.00	22.96 -0.33 0.00	23.42 -0.28 0.00	23.68 -0.24 0.00	24.19 -0.20 0.00	25.15 -0.15 -0.14	26.73 -0.08 -0.23	27.92 -0.03 -0.29	28.43 0.08 -0.24	31.93 0.13 -0.45	32.34 0.10 -0.40	36.51 0.14 -0.58	43.09 0.04 -0.98	43.65 0.08 -1.21	39.32 0.12 -0.83	36.23 0.14 -0.65	31.86 0.19 -0.60	28.10 0.11 -0.26	26.65 0.00 -0.23
TELGRAPH_34_KV_EAST 80808	23.43 -1.03 0.00	21.30 -1.26 0.00	19.70 -1.28 0.00	18.41 -1.22 0.00	18.80 -1.24 0.00	19.64 -1.21 0.00	21.66 -1.63 0.00	22.26 -1.45 0.00	22.77 -1.15 0.00	23.22 -1.17 0.00	24.41 -0.75 0.00	26.00 -0.58 0.00	26.95 -0.72 0.00	27.74 -0.37 0.00	31.23 -0.13 0.00	31.44 -0.41 0.00	35.14 -0.64 0.00	40.64 -1.43 0.00	41.30 -1.06 0.00	37.53 -0.84 0.00	35.23 -0.21 0.00	30.83 -0.25 0.00	27.45 -0.28 0.00	26.49 0.08 0.00
TEMPLE___115KV_TB 2 55572	24.24 -0.22 0.00	22.29 -0.27 0.00	20.70 -0.27 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.60 -0.25 0.00	22.96 -0.33 0.00	23.44 -0.26 0.00	23.68 -0.24 0.00	24.22 -0.17 0.00	25.17 -0.13 -0.14	26.76 -0.05 -0.23	27.95 0.00 -0.29	28.43 0.08 -0.24	31.96 0.16 -0.45	32.38 0.13 -0.40	36.54 0.18 -0.58	43.13 0.08 -0.98	43.65 0.08 -1.21	39.32 0.12 -0.83	36.27 0.18 -0.65	31.89 0.22 -0.60	28.10 0.11 -0.26	26.67 0.03 -0.23
TIANA___69_KV_BK 1 55817	33.46 2.47 -6.53	27.92 2.14 -3.22	25.02 2.06 -1.99	23.53 1.98 -1.92	22.42 2.00 -0.38	24.25 2.06 -1.34	26.53 2.31 -0.93	29.35 2.56 -3.09	32.50 2.73 -5.86	32.78 2.88 -5.51	34.51 3.20 -6.15	40.02 3.32 -10.12	39.87 3.76 -8.44	40.96 4.10 -8.75	44.33 4.70 -8.28	43.23 4.81 -6.58	47.73 5.58 -6.36	55.97 6.61 -7.30	53.70 6.48 -4.86	43.87 5.49 -0.01	40.33 4.89 0.00	38.40 4.04 -3.29	32.76 3.24 -1.80	32.01 2.69 -2.90
TILDEN___115KV_TB1 80814	24.24 -0.22 0.00	22.29 -0.27 0.00	20.70 -0.27 0.00	19.35 -0.27 0.00	19.76 -0.28 0.00	20.60 -0.25 0.00	22.96 -0.33 0.00	23.44 -0.26 0.00	23.68 -0.24 0.00	24.19 -0.20 0.00	25.21 -0.13 -0.17	26.80 -0.08 -0.30	27.99 -0.03 -0.35	28.48 0.08 -0.29	32.06 0.16 -0.56	32.47 0.13 -0.49	36.68 0.18 -0.72	43.36 0.08 -1.21	43.98 0.13 -1.49	39.55 0.15 -1.02	36.42 0.18 -0.81	32.00 0.19 -0.74	28.16 0.11 -0.33	26.70 0.00 -0.29
TRIGEN___CC 323695	32.97 1.98 -6.53	27.47 1.69 -3.22	24.60 1.64 -1.99	23.14 1.59 -1.92	22.02 1.60 -0.38	23.83 1.65 -1.34	26.08 1.86 -0.93	28.90 2.11 -3.09	32.05 2.27 -5.86	32.29 2.39 -5.51	33.83 2.52 -6.15	39.33 2.63 -10.12	39.09 2.99 -8.44	40.01 3.15 -8.75	43.16 3.54 -8.27	42.05 3.63 -6.57	46.32 4.19 -6.35	54.32 4.96 -7.29	52.00 4.79 -4.85	42.44 4.07 0.00	39.20 3.76 0.00	37.44 3.08 -3.29	32.10 2.58 -1.80	31.45 2.14 -2.90

TRINITY__115KV__4 BK 55933	25.31 0.86 0.00	23.51 0.95 0.00	21.87 0.90 0.00	20.49 0.86 0.00	20.90 0.86 0.00	21.74 0.90 0.00	24.27 0.98 0.00	24.67 0.97 0.00	24.61 0.69 0.00	25.07 0.68 0.00	25.84 0.68 0.00	27.27 0.69 0.00	28.60 0.94 0.00	29.00 0.90 0.00	32.32 0.97 0.00	32.87 1.02 0.00	37.03 1.25 0.00	43.63 1.56 0.00	44.01 1.65 0.00	39.80 1.42 0.00	36.64 1.20 0.00	32.07 0.99 0.00	28.58 0.86 0.00	27.10 0.69 0.00
UNION__PROCESSING_DRP 323587	23.82 -0.64 0.00	21.77 -0.79 0.00	20.15 -0.82 0.00	18.84 -0.79 0.00	19.22 -0.82 0.00	20.07 -0.77 0.00	22.27 -1.02 0.00	22.85 -0.85 0.00	23.22 -0.69 0.00	23.76 -0.63 0.00	24.79 -0.38 0.00	26.34 -0.24 0.00	27.36 -0.30 0.00	28.02 -0.08 0.00	31.44 0.09 0.00	31.88 0.03 0.00	35.75 -0.04 0.00	41.69 -0.38 0.00	42.10 -0.25 0.00	38.18 -0.19 0.00	35.62 0.18 0.00	31.23 0.16 0.00	27.75 0.03 0.00	26.55 0.13 0.00
UPPER HUDSON__HYD 24058	25.58 1.13 0.00	23.65 1.08 0.00	21.87 0.90 0.00	20.43 0.81 0.00	20.90 0.86 0.00	21.78 0.94 0.00	24.36 1.07 0.00	24.67 0.97 0.00	24.99 1.08 0.00	25.46 1.07 0.00	26.02 0.86 0.00	27.51 0.93 0.00	28.85 1.19 0.00	29.17 1.07 0.00	32.57 1.22 0.00	33.12 1.28 0.00	37.35 1.57 0.00	44.17 2.10 0.00	45.11 2.75 0.00	40.72 2.34 0.00	37.67 2.23 0.00	33.00 1.93 0.00	29.30 1.58 0.00	27.79 1.37 0.00
UPPER RAQUET__HYD 24056	23.58 -0.88 0.00	22.13 -0.43 0.00	20.55 -0.42 0.00	19.21 -0.41 0.00	19.64 -0.40 0.00	20.41 -0.44 0.00	22.89 -0.40 0.00	23.20 -0.50 0.00	23.03 -0.88 0.00	23.17 -1.22 0.00	23.77 -1.43 -0.04	23.33 -1.62 1.63	25.81 -1.94 -0.09	26.13 -2.05 -0.07	29.07 -2.41 -0.14	29.49 -2.48 -0.12	33.13 -2.83 -0.18	39.17 -3.20 -0.30	39.47 -3.26 -0.37	35.87 -2.76 -0.25	33.12 -2.52 -0.20	29.14 -2.11 -0.18	25.97 -1.83 -0.08	25.17 -1.32 -0.07
VALLEY44_115KV_TB2 355964	23.38 -1.08 0.00	21.28 -1.29 0.00	19.67 -1.30 0.00	18.41 -1.22 0.00	18.82 -1.22 0.00	19.64 -1.21 0.00	21.68 -1.61 0.00	22.18 -1.52 0.00	22.67 -1.24 0.00	23.12 -1.27 0.00	24.28 -0.88 0.00	25.87 -0.72 0.00	26.86 -0.80 0.00	27.71 -0.39 0.00	31.16 -0.19 0.00	31.53 -0.32 0.00	35.35 -0.43 0.00	40.85 -1.22 0.00	41.51 -0.85 0.00	37.69 -0.69 0.00	35.23 -0.21 0.00	30.83 -0.25 0.00	27.42 -0.30 0.00	26.52 0.11 0.00
VALLEY__115KV_TB 1-4 80826	24.75 0.29 0.00	22.83 0.27 0.00	21.22 0.25 0.00	19.84 0.22 0.00	20.26 0.22 0.00	21.10 0.25 0.00	23.55 0.26 0.00	24.01 0.31 0.00	24.25 0.33 0.00	24.73 0.34 0.00	25.49 0.33 0.00	26.92 0.37 0.04	28.11 0.44 0.00	28.55 0.45 0.00	31.79 0.44 0.00	32.29 0.45 0.00	36.35 0.57 0.00	42.74 0.67 0.00	43.04 0.68 0.00	39.03 0.65 0.00	35.97 0.53 0.00	31.54 0.47 0.00	28.14 0.42 0.00	26.76 0.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.58 1.13 0.00	23.51 0.95 0.00	21.85 0.88 0.00	20.45 0.82 0.00	20.88 0.84 0.00	21.78 0.94 0.00	24.27 0.98 0.00	24.86 1.16 0.00	25.18 1.27 0.00	25.66 1.27 0.00	26.49 1.28 -0.04	28.08 1.41 -0.09	29.36 1.60 -0.09	29.86 1.69 -0.07	33.37 1.88 -0.14	33.91 1.94 -0.12	38.29 2.33 -0.18	45.06 2.69 -0.30	45.48 2.75 -0.37	41.24 2.61 -0.26	38.01 2.37 -0.20	33.25 1.99 -0.18	29.49 1.69 -0.08	27.94 1.45 -0.07
VISCHER__FERRY HYD 24020	25.49 1.03 0.00	23.58 1.02 0.00	21.92 0.94 0.00	20.51 0.88 0.00	20.94 0.90 0.00	21.81 0.96 0.00	24.31 1.02 0.00	24.67 0.97 0.00	24.85 0.93 0.00	25.32 0.93 0.00	26.07 0.90 0.00	27.51 0.93 0.00	28.88 1.22 0.00	29.31 1.21 0.00	32.66 1.32 0.00	33.22 1.37 0.00	37.43 1.65 0.00	44.17 2.10 0.00	44.56 2.20 0.00	40.33 1.96 0.00	37.14 1.70 0.00	32.54 1.46 0.00	28.94 1.22 0.00	27.44 1.03 0.00
V_A_10_SYNC_DSASP 323832	23.11 -1.35 0.00	21.07 -1.49 0.00	19.50 -1.47 0.00	18.23 -1.39 0.00	18.62 -1.42 0.00	19.41 -1.44 0.00	21.43 -1.86 0.00	21.97 -1.73 0.00	22.45 -1.46 0.00	22.90 -1.49 0.00	23.98 -1.18 0.00	25.60 -0.98 0.00	26.53 -1.14 0.00	27.23 -0.87 0.00	30.47 -0.88 0.00	30.99 -0.86 0.00	34.46 -1.32 0.00	39.80 -2.27 0.00	40.54 -1.82 0.00	36.92 -1.46 0.00	34.55 -0.88 0.00	30.27 -0.81 0.00	27.11 -0.61 0.00	25.97 -0.45 0.00
V_CMM_10_SYNC_DSASP 323787	23.97 -0.49 0.00	22.25 -0.32 0.00	20.68 -0.29 0.00	19.33 -0.29 0.00	19.74 -0.30 0.00	20.51 -0.33 0.00	22.99 -0.30 0.00	23.35 -0.35 0.00	23.46 -0.46 0.00	23.83 -0.56 0.00	24.54 -0.63 0.00	26.10 -0.72 -0.24	26.67 -0.99 0.00	27.01 -1.10 0.00	30.06 -1.29 0.00	30.51 -1.34 0.00	34.17 -1.61 0.00	40.26 -1.81 0.00	40.45 -1.91 0.00	36.73 -1.65 0.00	33.95 -1.49 0.00	29.80 -1.28 0.00	26.61 -1.11 0.00	25.62 -0.79 0.00
V_CMP_10_SYNC_DSASP 323788	24.29 -0.17 0.00	22.50 -0.07 0.00	20.89 -0.08 0.00	19.51 -0.12 0.00	19.90 -0.14 0.00	20.62 -0.23 0.00	23.10 -0.19 0.00	23.46 -0.24 0.00	23.60 -0.31 0.00	23.97 -0.41 0.00	24.66 -0.50 0.00	26.02 -0.56 0.00	26.78 -0.89 0.00	27.12 -0.98 0.00	30.06 -1.29 0.00	30.48 -1.37 0.00	34.14 -1.65 0.00	40.22 -1.85 0.00	40.41 -1.95 0.00	36.65 -1.73 0.00	33.88 -1.56 0.00	29.58 -1.49 0.00	26.28 -1.44 0.00	25.33 -1.08 0.00
V_D_10_SYNC_DSASP 323841	23.90 -0.56 0.00	22.36 -0.20 0.00	20.76 -0.21 0.00	19.43 -0.20 0.00	19.84 -0.20 0.00	20.60 -0.25 0.00	23.10 -0.19 0.00	23.39 -0.31 0.00	23.39 -0.53 0.00	23.71 -0.68 0.00	24.38 -0.78 0.00	26.09 -0.88 -0.39	26.50 -1.16 0.00	26.84 -1.26 0.00	29.84 -1.50 0.00	30.32 -1.53 0.00	33.96 -1.82 0.00	40.05 -2.02 0.00	40.24 -2.12 0.00	36.53 -1.84 0.00	33.81 -1.63 0.00	29.65 -1.43 0.00	26.47 -1.25 0.00	25.52 -0.90 0.00
V_E_10_SYNC_DSASP 323830	26.07 1.61 0.00	23.83 1.26 0.00	22.08 1.11 0.00	20.55 0.92 0.00	21.00 0.96 0.00	21.99 1.15 0.00	24.41 1.12 0.00	25.07 1.37 0.00	25.28 1.36 0.00	25.63 1.24 0.00	26.44 1.18 -0.10	28.19 1.41 -0.20	29.47 1.60 -0.20	30.05 1.77 -0.17	33.58 1.91 -0.32	34.11 1.98 -0.29	38.81 2.61 -0.41	45.92 3.16 -0.70	46.73 3.51 -0.86	42.65 3.68 -0.59	39.27 3.37 -0.47	34.45 2.95 -0.43	30.43 2.52 -0.19	28.75 2.17 -0.17
V_F_30_NSYNC__DSASP 323816	25.73 1.27 0.00	23.78 1.22 0.00	22.04 1.07 0.00	20.61 0.98 0.00	21.06 1.02 0.00	21.93 1.08 0.00	24.50 1.21 0.00	24.84 1.14 0.00	25.09 1.17 0.00	25.58 1.19 0.00	26.30 1.13 0.00	27.78 1.20 0.00	29.13 1.47 0.00	29.57 1.46 0.00	32.98 1.63 0.00	33.54 1.69 0.00	37.78 2.00 0.00	44.64 2.57 0.00	45.20 2.84 0.00	40.87 2.49 0.00	37.71 2.27 0.00	33.03 1.96 0.00	29.36 1.64 0.00	27.84 1.43 0.00
V_F_30_SYNC_DSASP 323786	25.41 0.95 0.00	23.60 1.04 0.00	21.94 0.96 0.00	20.53 0.90 0.00	20.96 0.92 0.00	21.80 0.96 0.00	24.34 1.05 0.00	24.74 1.04 0.00	24.68 0.77 0.00	25.17 0.78 0.00	25.94 0.78 0.00	27.41 0.82 0.00	28.72 1.05 0.00	29.15 1.04 0.00	32.48 1.13 0.00	33.03 1.18 0.00	37.21 1.43 0.00	43.84 1.77 0.00	44.22 1.86 0.00	39.95 1.57 0.00	36.82 1.38 0.00	32.22 1.15 0.00	28.72 1.00 0.00	27.23 0.82 0.00

V_XM10_SYNC_DSASP 323789	24.29 -0.17 0.00	22.50 -0.07 0.00	20.89 -0.08 0.00	19.51 -0.12 0.00	19.90 -0.14 0.00	20.62 -0.23 0.00	23.10 -0.19 0.00	23.46 -0.24 0.00	23.60 -0.31 0.00	23.97 -0.41 0.00	24.66 -0.50 0.00	26.02 -0.56 0.00	26.78 -0.89 0.00	27.12 -0.98 0.00	30.06 -1.29 0.00	30.48 -1.37 0.00	34.14 -1.65 0.00	40.22 -1.85 0.00	40.41 -1.95 0.00	36.65 -1.73 0.00	33.88 -1.56 0.00	29.58 -1.49 0.00	26.28 -1.44 0.00	25.33 -1.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.02 1.57 0.00	23.87 1.31 0.00	22.27 1.30 0.00	20.88 1.26 0.00	21.30 1.26 0.00	22.14 1.29 0.00	24.76 1.47 0.00	25.36 1.66 0.00	25.71 1.79 0.00	26.29 1.90 0.00	27.18 2.01 0.00	28.63 2.05 0.00	30.07 2.41 0.00	30.66 2.56 0.00	34.26 2.92 0.00	34.84 2.99 0.00	39.32 3.54 0.00	46.24 4.16 0.00	46.38 4.02 0.00	41.83 3.45 0.00	38.52 3.08 0.00	33.56 2.49 0.00	29.80 2.08 0.00	28.10 1.69 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.24 1.79 0.00	24.05 1.49 0.00	22.44 1.47 0.00	21.04 1.41 0.00	21.46 1.42 0.00	22.31 1.46 0.00	24.97 1.68 0.00	25.67 1.97 0.00	26.07 2.15 0.00	26.68 2.29 0.00	27.57 2.39 -0.02	29.08 2.50 0.00	30.56 2.88 -0.02	33.62 3.04 -2.48	34.84 3.39 -0.11	35.91 3.47 -0.59	41.12 4.04 -1.30	46.87 4.80 0.00	46.93 4.57 0.00	42.33 3.95 0.00	38.98 3.54 0.00	33.93 2.86 0.00	30.10 2.38 0.00	28.34 1.93 0.00
W50THST__13_KV_LOAD 356117	26.34 1.88 0.00	24.14 1.58 0.00	22.52 1.55 0.00	21.14 1.51 0.00	21.56 1.52 0.00	22.41 1.56 0.00	25.08 1.79 0.00	25.81 2.11 0.00	26.24 2.32 0.00	26.85 2.46 0.00	27.75 2.57 -0.02	29.27 2.68 0.00	30.78 3.10 -0.02	33.85 3.26 -2.48	35.06 3.61 -0.11	36.13 3.69 -0.59	41.37 4.29 -1.30	47.16 5.09 0.00	47.15 4.79 0.00	42.56 4.18 0.00	39.16 3.72 0.00	34.12 3.05 0.00	30.22 2.49 0.00	28.47 2.06 0.00
WADING RIVER_IC_1 23522	33.09 2.10 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.25 1.71 -1.92	22.14 1.72 -0.38	23.95 1.77 -1.34	26.20 1.98 -0.93	28.94 2.16 -3.09	32.14 2.37 -5.86	32.39 2.49 -5.51	34.01 2.69 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.67 4.05 -8.28	42.56 4.14 -6.58	46.97 4.83 -6.36	55.09 5.72 -7.30	52.86 5.63 -4.86	43.14 4.76 -0.01	39.69 4.25 0.00	37.87 3.51 -3.29	32.40 2.88 -1.80	31.64 2.33 -2.90
WADING RIVER_IC_2 23547	33.09 2.10 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.25 1.71 -1.92	22.14 1.72 -0.38	23.95 1.77 -1.34	26.20 1.98 -0.93	28.94 2.16 -3.09	32.14 2.37 -5.86	32.39 2.49 -5.51	34.01 2.69 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.67 4.05 -8.28	42.56 4.14 -6.58	46.97 4.83 -6.36	55.09 5.72 -7.30	52.86 5.63 -4.86	43.14 4.76 -0.01	39.69 4.25 0.00	37.87 3.51 -3.29	32.40 2.88 -1.80	31.64 2.33 -2.90
WADING RIVER_IC_3 23601	33.09 2.10 -6.53	27.61 1.83 -3.22	24.72 1.76 -1.99	23.25 1.71 -1.92	22.14 1.72 -0.38	23.95 1.77 -1.34	26.20 1.98 -0.93	28.94 2.16 -3.09	32.14 2.37 -5.86	32.39 2.49 -5.51	34.01 2.69 -6.15	39.49 2.79 -10.12	39.34 3.24 -8.44	40.37 3.51 -8.75	43.67 4.05 -8.28	42.56 4.14 -6.58	46.97 4.83 -6.36	55.09 5.72 -7.30	52.86 5.63 -4.86	43.14 4.76 -0.01	39.69 4.25 0.00	37.87 3.51 -3.29	32.40 2.88 -1.80	31.64 2.33 -2.90
WALDENNY_12_KV_BK2 80841	23.31 -1.15 0.00	21.19 -1.38 0.00	19.59 -1.38 0.00	18.31 -1.31 0.00	18.72 -1.32 0.00	19.53 -1.31 0.00	21.50 -1.79 0.00	22.04 -1.66 0.00	22.60 -1.32 0.00	23.05 -1.34 0.00	24.31 -0.86 0.00	25.89 -0.69 0.00	26.86 -0.80 0.00	27.71 -0.39 0.00	31.19 -0.16 0.00	31.53 -0.32 0.00	35.21 -0.57 0.00	40.60 -1.47 0.00	41.30 -1.06 0.00	37.53 -0.84 0.00	35.19 -0.25 0.00	30.80 -0.28 0.00	27.45 -0.28 0.00	26.55 0.13 0.00
WALDEN__HYDRO 24148	25.95 1.49 0.00	23.83 1.26 0.00	22.21 1.24 0.00	20.82 1.20 0.00	21.26 1.22 0.00	22.10 1.25 0.00	24.71 1.42 0.00	25.22 1.52 0.00	25.54 1.63 0.00	26.10 1.71 0.00	26.95 1.79 0.00	28.39 1.81 0.00	29.82 2.16 0.00	30.41 2.30 0.00	33.98 2.63 0.00	34.56 2.71 0.00	38.86 3.08 0.00	45.77 3.70 0.00	45.96 3.60 0.00	41.45 3.07 0.00	38.20 2.76 0.00	33.31 2.24 0.00	29.61 1.89 0.00	27.95 1.53 0.00
WARRENSBURG____ 23737	25.58 1.13 0.00	23.65 1.08 0.00	21.87 0.90 0.00	20.43 0.81 0.00	20.90 0.86 0.00	21.78 0.94 0.00	24.36 1.07 0.00	24.67 0.97 0.00	24.99 1.08 0.00	25.46 1.07 0.00	26.02 0.86 0.00	27.51 0.93 0.00	28.85 1.19 0.00	29.17 1.07 0.00	32.57 1.22 0.00	33.12 1.28 0.00	37.35 1.57 0.00	44.17 2.10 0.00	45.11 2.75 0.00	40.72 2.34 0.00	37.67 2.23 0.00	33.00 1.93 0.00	29.30 1.58 0.00	27.79 1.37 0.00
WATERSIDE____6 8 9 23538	26.29 1.83 0.00	24.12 1.56 0.00	22.50 1.53 0.00	21.13 1.49 -0.01	21.55 1.50 -0.01	22.31 1.46 0.00	24.97 1.68 0.00	25.67 1.97 0.00	26.09 2.18 0.00	26.75 2.37 0.01	27.64 2.47 -0.01	29.13 2.55 0.01	30.58 2.90 -0.01	33.61 3.04 -2.47	34.93 3.48 -0.10	31.60 3.57 3.81	37.12 4.08 2.74	44.06 4.80 2.81	44.13 4.57 2.81	42.25 3.88 0.01	39.05 3.61 0.01	33.93 2.86 0.01	28.32 2.49 1.90	28.39 1.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.70 0.24 0.00	22.79 0.23 0.00	21.18 0.21 0.00	19.82 0.20 0.00	20.24 0.20 0.00	21.08 0.23 0.00	23.50 0.21 0.00	23.96 0.26 0.00	24.18 0.26 0.00	24.66 0.27 0.00	25.42 0.25 0.00	26.84 0.29 0.04	28.02 0.36 0.00	28.47 0.37 0.00	31.76 0.41 0.00	32.26 0.41 0.00	36.32 0.54 0.00	42.74 0.67 0.00	43.04 0.68 0.00	39.03 0.65 0.00	36.01 0.57 0.00	31.54 0.47 0.00	28.11 0.39 0.00	26.73 0.32 0.00
WATSON__69_KV_BK 1 55734	33.53 2.54 -6.53	27.99 2.21 -3.22	25.08 2.12 -1.99	23.57 2.02 -1.92	22.48 2.06 -0.38	24.31 2.13 -1.34	26.60 2.38 -0.93	29.42 2.63 -3.09	32.55 2.77 -5.86	32.83 2.93 -5.51	34.46 3.15 -6.15	39.95 3.24 -10.12	39.81 3.71 -8.44	40.85 3.99 -8.75	44.17 4.55 -8.27	43.07 4.65 -6.57	47.51 5.37 -6.36	55.63 6.27 -7.29	53.36 6.14 -4.86	43.72 5.33 -0.01	40.29 4.86 0.00	38.43 4.07 -3.29	32.88 3.35 -1.80	32.17 2.85 -2.90
WDELAWARE__HYD 323627	25.41 0.95 0.00	23.29 0.72 0.00	21.71 0.73 0.00	20.33 0.71 0.00	20.76 0.72 0.00	21.62 0.77 0.00	24.15 0.86 0.00	24.58 0.88 0.00	24.97 1.05 0.00	25.46 1.07 0.00	26.30 1.13 0.00	27.65 1.06 0.00	29.07 1.41 0.00	29.65 1.54 0.00	33.17 1.82 0.00	33.69 1.85 0.00	37.89 2.11 0.00	44.64 2.57 0.00	44.81 2.46 0.00	40.48 2.11 0.00	37.32 1.88 0.00	32.51 1.43 0.00	28.97 1.25 0.00	27.28 0.87 0.00
WEST BABYLON__IC 23714	33.41 2.42 -6.53	27.90 2.12 -3.22	25.00 2.03 -1.99	23.49 1.94 -1.92	22.40 1.98 -0.38	24.21 2.02 -1.34	26.50 2.28 -0.93	29.32 2.54 -3.09	32.45 2.68 -5.86	32.73 2.83 -5.51	34.33 3.02 -6.15	39.79 3.08 -10.12	39.59 3.49 -8.44	40.60 3.74 -8.75	43.88 4.26 -8.27	42.81 4.40 -6.57	47.15 5.01 -6.36	55.25 5.89 -7.29	52.97 5.76 -4.86	43.33 4.95 0.00	40.01 4.57 0.00	38.18 3.82 -3.29	32.74 3.22 -1.80	32.03 2.72 -2.90

WEST CANADA___HYD 24049	24.61 0.15 0.00	22.70 0.14 0.00	21.10 0.13 0.00	19.75 0.12 0.00	20.16 0.12 0.00	20.97 0.13 0.00	23.41 0.12 0.00	23.84 0.14 0.00	24.06 0.14 0.00	24.54 0.15 0.00	25.32 0.15 0.00	26.71 0.16 0.04	27.91 0.25 0.00	28.36 0.25 0.00	31.63 0.28 0.00	32.13 0.29 0.00	36.18 0.39 0.00	42.53 0.46 0.00	42.83 0.47 0.00	38.80 0.42 0.00	35.79 0.35 0.00	31.39 0.31 0.00	27.97 0.25 0.00	26.60 0.19 0.00
WESTERN_NY_WIND 24143	23.85 -0.61 0.00	21.69 -0.88 0.00	20.05 -0.92 0.00	18.73 -0.90 0.00	19.12 -0.92 0.00	19.99 -0.85 0.00	22.08 -1.21 0.00	22.73 -0.97 0.00	23.18 -0.74 0.00	23.68 -0.71 0.00	24.84 -0.33 0.00	26.48 -0.11 0.00	27.45 -0.22 0.00	28.25 0.14 0.00	31.79 0.44 0.00	32.04 0.19 0.00	35.86 0.07 0.00	41.61 -0.46 0.00	42.23 -0.13 0.00	38.34 -0.04 0.00	36.01 0.57 0.00	31.54 0.47 0.00	28.00 0.28 0.00	26.97 0.55 0.00
WESTOVER___LESR 323668	24.56 0.10 0.00	22.54 -0.02 0.00	20.91 -0.06 0.00	19.55 -0.08 0.00	19.98 -0.06 0.00	20.80 -0.04 0.00	23.20 -0.09 0.00	23.70 0.00 0.00	23.99 0.07 0.00	24.49 0.10 0.00	25.46 0.20 -0.09	27.07 0.29 -0.19	28.22 0.36 -0.20	28.80 0.53 -0.16	32.35 0.69 -0.31	32.79 0.67 -0.27	36.97 0.79 -0.40	43.50 0.76 -0.67	44.07 0.89 -0.83	39.79 0.84 -0.57	36.77 0.89 -0.45	32.23 0.75 -0.41	28.51 0.61 -0.18	27.13 0.55 -0.16
WETHRSFD_WT_PWR 323626	23.33 -1.12 0.00	21.21 -1.35 0.00	19.65 -1.32 0.00	18.33 -1.30 0.00	18.74 -1.30 0.00	19.51 -1.33 0.00	21.57 -1.72 0.00	22.11 -1.59 0.00	22.60 -1.32 0.00	23.07 -1.32 0.00	24.18 -0.98 0.00	25.79 -0.80 0.00	26.81 -0.86 0.00	27.57 -0.53 0.00	30.85 -0.50 0.00	31.34 -0.51 0.00	34.96 -0.82 0.00	40.39 -1.68 0.00	41.22 -1.14 0.00	37.53 -0.84 0.00	35.12 -0.32 0.00	30.80 -0.28 0.00	27.56 -0.17 0.00	26.39 -0.03 0.00
WHAVSTOR_138KV_BK127 55557	25.93 1.47 0.00	23.81 1.24 0.00	22.19 1.22 0.00	20.80 1.18 0.00	21.24 1.20 0.00	22.08 1.23 0.00	24.66 1.37 0.00	25.29 1.59 0.00	25.64 1.72 0.00	26.22 1.83 0.00	27.08 1.91 0.00	28.55 1.97 0.00	29.99 2.32 0.00	30.58 2.47 0.00	34.14 2.79 0.00	34.71 2.87 0.00	39.14 3.36 0.00	46.07 4.00 0.00	46.17 3.81 0.00	41.64 3.26 0.00	38.38 2.94 0.00	33.47 2.39 0.00	29.69 1.97 0.00	28.00 1.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.93 1.47 0.00	23.81 1.24 0.00	22.19 1.22 0.00	20.80 1.18 0.00	21.24 1.20 0.00	22.08 1.23 0.00	24.66 1.37 0.00	25.29 1.59 0.00	25.64 1.72 0.00	26.22 1.83 0.00	27.08 1.91 0.00	28.55 1.97 0.00	29.99 2.32 0.00	30.58 2.47 0.00	34.14 2.79 0.00	34.71 2.87 0.00	39.14 3.36 0.00	46.07 4.00 0.00	46.17 3.81 0.00	41.64 3.26 0.00	38.38 2.94 0.00	33.47 2.39 0.00	29.69 1.97 0.00	28.00 1.58 0.00
WHITEHAL_115KV_TB1 80871	26.15 1.69 0.00	24.19 1.62 0.00	22.33 1.36 0.00	20.84 1.22 0.00	21.34 1.30 0.00	22.26 1.42 0.00	24.92 1.63 0.00	25.26 1.56 0.00	25.52 1.60 0.00	26.00 1.61 0.00	26.60 1.43 0.00	28.18 1.59 0.00	29.52 1.85 0.00	29.93 1.83 0.00	33.39 2.04 0.00	33.98 2.13 0.00	38.32 2.54 0.00	45.35 3.28 0.00	46.43 4.07 0.00	41.94 3.57 0.00	38.77 3.33 0.00	33.96 2.89 0.00	30.05 2.33 0.00	28.53 2.11 0.00
WHITEPLN_13_KV_LOAD 356215	26.32 1.86 0.00	24.14 1.58 0.00	22.48 1.51 0.00	21.10 1.47 0.00	21.54 1.50 0.00	22.37 1.52 0.00	25.04 1.75 0.00	25.81 2.11 0.00	26.16 2.25 0.00	26.80 2.41 0.00	27.71 2.54 0.00	29.19 2.61 0.00	30.68 3.02 0.00	31.31 3.20 0.00	34.92 3.57 0.00	35.54 3.69 0.00	40.08 4.29 0.00	47.20 5.13 0.00	47.23 4.87 0.00	42.56 4.18 0.00	39.23 3.79 0.00	34.15 3.08 0.00	30.24 2.52 0.00	28.50 2.09 0.00
WM_FLOYD_69_KV_BK2 356380	33.31 2.32 -6.53	27.79 2.01 -3.22	24.91 1.95 -1.99	23.41 1.86 -1.92	22.32 1.90 -0.38	24.12 1.94 -1.34	26.41 2.19 -0.93	29.20 2.42 -3.09	32.34 2.56 -5.86	32.56 2.66 -5.51	34.21 2.89 -6.15	39.68 2.98 -10.12	39.51 3.40 -8.44	40.57 3.71 -8.75	43.89 4.26 -8.28	42.79 4.36 -6.58	47.23 5.08 -6.36	55.38 6.02 -7.30	53.15 5.93 -4.86	43.45 5.07 -0.01	40.01 4.57 0.00	38.15 3.79 -3.29	32.63 3.10 -1.80	31.90 2.59 -2.90
WOODARD__115KV_TB2 355635	24.21 -0.24 0.00	22.27 -0.29 0.00	20.68 -0.29 0.00	19.33 -0.29 0.00	19.76 -0.28 0.00	20.57 -0.27 0.00	22.96 -0.33 0.00	23.42 -0.28 0.00	23.63 -0.29 0.00	24.15 -0.24 0.00	25.14 -0.20 -0.18	26.77 -0.13 -0.32	27.96 -0.08 -0.38	28.42 0.00 -0.31	32.01 0.06 -0.60	32.41 0.03 -0.53	36.62 0.07 -0.77	43.33 -0.04 -1.30	43.96 0.00 -1.60	39.52 0.04 -1.10	36.38 0.07 -0.87	31.99 0.12 -0.79	28.13 0.06 -0.35	26.67 -0.05 -0.31
YORK___WARBASSE 23770	26.47 2.01 -0.01	24.26 1.69 0.00	22.61 1.64 0.00	21.22 1.59 -0.01	21.65 1.60 -0.01	22.37 1.52 0.00	25.01 1.72 0.00	25.74 2.04 0.00	26.19 2.27 0.00	35.75 2.46 -8.90	38.87 2.59 -11.11	29.30 2.66 -0.06	30.73 3.02 -0.06	35.13 3.15 -3.88	35.17 3.61 -0.22	67.31 3.69 -31.77	70.29 4.22 -30.28	66.71 4.96 -19.68	66.75 4.74 -19.65	42.48 4.07 -0.04	39.25 3.76 -0.06	34.15 3.01 -0.06	43.60 2.61 -13.27	28.60 2.17 -0.02