

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																			--- Marginal Cost of Congestion					
Generator Data		01/28/2024																								
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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	31.08	28.99	28.11	28.01	27.78	27.72	28.97	28.26	29.97	33.25	35.96	40.15	40.04	40.15	40.04	39.41	40.59	43.36	41.46	40.27	38.95	35.73	32.50	31.00		
	1.42	1.22	1.08	1.15	1.17	1.17	1.27	1.47	1.62	1.91	2.13	2.56	2.37	2.49	2.37	2.34	2.69	3.40	3.18	2.71	2.51	2.24	1.96	1.53		
74TH STREET_GT_1 24260	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	31.11	29.00	28.13	28.06	27.81	27.75	29.00	28.29	30.00	33.28	35.96	39.89	40.08	40.00	40.08	39.48	40.63	43.41	41.54	40.31	39.03	35.80	32.53	31.15		
	1.45	1.22	1.11	1.21	1.20	1.19	1.30	1.50	1.64	1.94	2.13	2.29	2.41	2.34	2.41	2.41	2.73	3.44	3.25	2.74	2.59	2.31	1.99	1.68		
74TH STREET_GT_2 24261	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	31.11	29.00	28.13	28.06	27.81	27.75	29.00	28.29	30.00	33.28	35.96	39.89	40.08	40.00	40.08	39.48	40.63	43.41	41.54	40.31	39.03	35.80	32.53	31.15		
	1.45	1.22	1.11	1.21	1.20	1.19	1.30	1.50	1.64	1.94	2.13	2.29	2.41	2.34	2.41	2.41	2.73	3.44	3.25	2.74	2.59	2.31	1.99	1.68		
ADK HUDSON___FALLS 24011	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	31.35	29.36	28.54	28.36	28.08	28.01	29.24	28.29	30.03	33.35	36.16	40.37	40.38	40.34	40.23	39.59	40.67	43.09	41.23	40.12	38.81	35.60	32.35	31.15		
	1.69	1.58	1.51	1.50	1.46	1.46	1.55	1.50	1.67	2.01	2.33	2.78	2.71	2.67	2.56	2.52	2.77	3.12	2.95	2.55	2.37	2.11	1.80	1.68		
ADK RESOURCE___RCVRY 23798	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	31.56	29.47	28.67	28.49	28.18	28.14	29.38	28.43	30.20	33.57	36.39	40.79	40.68	40.71	40.49	39.85	40.93	43.41	41.50	40.38	39.03	35.80	32.50	31.27		
	1.90	1.69	1.65	1.64	1.57	1.59	1.69	1.63	1.84	2.23	2.57	3.19	3.01	3.05	2.83	2.78	3.03	3.44	3.22	2.82	2.59	2.31	1.96	1.80		
ADK S GLENS___FALLS 24028	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	31.35	29.36	28.54	28.36	28.08	28.01	29.24	28.29	30.03	33.35	36.16	40.37	40.38	40.34	40.23	39.59	40.67	43.09	41.23	40.12	38.81	35.60	32.35	31.15		
	1.69	1.58	1.51	1.50	1.46	1.46	1.55	1.50	1.67	2.01	2.33	2.78	2.71	2.67	2.56	2.52	2.77	3.12	2.95	2.55	2.37	2.11	1.80	1.68		
ADK_NYS___DAM 23527	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	31.29	29.24	28.46	28.31	28.02	27.93	29.19	28.24	29.89	33.06	35.79	39.92	39.89	39.96	39.81	39.22	40.25	42.73	40.92	39.85	38.59	35.50	32.35	31.06		
	1.63	1.47	1.43	1.45	1.41	1.38	1.49	1.45	1.53	1.72	1.96	2.33	2.22	2.30	2.15	2.15	2.35	2.76	2.64	2.29	2.15	2.01	1.80	1.59		
AIR_PRODUCTS___DRP 24190	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	30.31	28.63	27.89	27.74	27.47	27.37	28.58	27.59	28.87	31.81	34.37	38.19	38.31	38.26	38.27	37.66	38.62	40.93	39.16	38.16	36.98	34.06	31.10	30.15		
	0.65	0.86	0.86	0.89	0.85	0.82	0.89	0.80	0.51	0.47	0.54	0.60	0.64	0.60	0.60	0.59	0.72	0.96	0.88	0.60	0.55	0.57	0.55	0.68		
AKWESSNE_115KV_BK 355683	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	29.92	28.02	27.24	27.07	26.83	26.79	27.83	26.93	28.47	31.43	33.99	37.74	37.82	37.78	37.78	37.18	37.75	39.49	37.90	37.56	36.51	33.55	30.61	29.65		
	0.27	0.25	0.22	0.21	0.21	0.24	0.14	0.13	0.11	0.09	0.17	0.15	0.15	0.11	0.11	0.11	-0.15	-0.48	-0.38	0.00	0.07	0.07	0.06	0.18		
ALBANY_1_SOLAR 323833	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	30.96	28.99	28.24	28.07	27.78	27.69	28.88	27.86	29.32	32.37	35.01	39.10	39.06	39.13	39.02	38.40	39.38	41.73	39.93	38.91	37.71	34.69	31.65	30.56		
	1.30	1.22	1.22	1.21	1.17	1.14	1.19	1.07	0.96	1.03	1.18	1.51	1.39	1.47	1.35	1.33	1.48	1.76	1.65	1.35	1.27	1.20	1.10	1.09		
ALBANY_2_SOLAR 323834	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	30.96	28.99	28.24	28.07	27.78	27.67	28.88	27.86	29.32	32.37	35.01	39.10	39.06	39.13	39.02	38.40	39.38	41.69	39.93	38.91	37.68	34.69	31.65	30.56		
	1.30	1.22	1.22	1.21	1.17	1.11	1.19	1.07	0.96	1.03	1.18	1.51	1.39	1.47	1.35	1.33	1.48	1.72	1.65	1.35	1.24	1.20	1.10	1.09		
ALBANY___1 23571	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	30.31	28.63	27.89	27.74	27.47	27.37	28.58	27.59	28.87	31.81	34.37	38.19	38.31	38.26	38.27	37.66	38.62	40.93	39.16	38.16	36.98	34.06	31.10	30.15		
	0.65	0.86	0.86	0.89	0.85	0.82	0.89	0.80	0.51	0.47	0.54	0.60	0.64	0.60	0.60	0.59	0.72	0.96	0.88	0.60	0.55	0.57	0.55	0.68		

ALBANY___2 23572	30.31 0.65 0.00	28.63 0.86 0.00	27.89 0.86 0.00	27.74 0.89 0.00	27.47 0.85 0.00	27.37 0.82 0.00	28.58 0.89 0.00	27.59 0.80 0.00	28.87 0.51 0.00	31.81 0.47 0.00	34.37 0.54 0.00	38.19 0.60 0.00	38.31 0.64 0.00	38.26 0.60 0.00	38.27 0.60 0.00	37.66 0.59 0.00	38.62 0.72 0.00	40.93 0.96 0.00	39.16 0.88 0.00	38.16 0.60 0.00	36.98 0.55 0.00	34.06 0.57 0.00	31.10 0.55 0.00	30.15 0.68 0.00
ALBANY___3 23573	30.31 0.65 0.00	28.63 0.86 0.00	27.89 0.86 0.00	27.74 0.89 0.00	27.47 0.85 0.00	27.37 0.82 0.00	28.58 0.89 0.00	27.59 0.80 0.00	28.87 0.51 0.00	31.81 0.47 0.00	34.37 0.54 0.00	38.19 0.60 0.00	38.31 0.64 0.00	38.26 0.60 0.00	38.27 0.60 0.00	37.66 0.59 0.00	38.62 0.72 0.00	40.93 0.96 0.00	39.16 0.88 0.00	38.16 0.60 0.00	36.98 0.55 0.00	34.06 0.57 0.00	31.10 0.55 0.00	30.15 0.68 0.00
ALBANY___4 23574	30.31 0.65 0.00	28.63 0.86 0.00	27.89 0.86 0.00	27.74 0.89 0.00	27.47 0.85 0.00	27.37 0.82 0.00	28.58 0.89 0.00	27.59 0.80 0.00	28.87 0.51 0.00	31.81 0.47 0.00	34.37 0.54 0.00	38.19 0.60 0.00	38.31 0.64 0.00	38.26 0.60 0.00	38.27 0.60 0.00	37.66 0.59 0.00	38.62 0.72 0.00	40.93 0.96 0.00	39.16 0.88 0.00	38.16 0.60 0.00	36.98 0.55 0.00	34.06 0.57 0.00	31.10 0.55 0.00	30.15 0.68 0.00
ALBANY___LFGE 323615	30.75 1.10 0.00	28.80 1.03 0.00	28.05 1.03 0.00	27.88 1.02 0.00	27.60 0.99 0.00	27.51 0.95 0.00	28.72 1.03 0.00	27.75 0.96 0.00	29.09 0.74 0.00	32.09 0.75 0.00	34.70 0.88 0.00	38.76 1.17 0.00	38.72 1.05 0.00	38.79 1.13 0.00	38.68 1.02 0.00	38.03 0.96 0.00	39.04 1.14 0.00	41.37 1.40 0.00	39.54 1.26 0.00	38.54 0.98 0.00	37.35 0.91 0.00	34.39 0.90 0.00	31.37 0.83 0.00	30.33 0.86 0.00
ALCOA_PA_115KV_PL-6C 55860	30.13 0.47 0.00	28.22 0.44 0.00	27.46 0.43 0.00	27.29 0.43 0.00	27.01 0.40 0.00	26.98 0.42 0.00	28.00 0.30 0.00	27.11 0.32 0.00	28.64 0.28 0.00	31.50 0.16 0.00	34.10 0.27 0.00	37.86 0.26 0.00	37.85 0.19 0.00	37.89 0.23 0.00	37.89 0.23 0.00	37.26 0.19 0.00	37.83 -0.08 0.00	39.57 -0.40 0.00	37.98 -0.31 0.00	37.64 0.08 0.00	36.58 0.15 0.00	33.65 0.17 0.00	30.76 0.21 0.00	29.88 0.41 0.00
ALCOA_RYNLDS___DRP 24188	30.13 0.47 0.00	28.22 0.44 0.00	27.46 0.43 0.00	27.29 0.43 0.00	27.01 0.40 0.00	26.98 0.42 0.00	28.00 0.30 0.00	27.11 0.32 0.00	28.64 0.28 0.00	31.50 0.16 0.00	34.10 0.27 0.00	37.86 0.26 0.00	37.85 0.19 0.00	37.89 0.23 0.00	37.89 0.23 0.00	37.26 0.19 0.00	37.83 -0.08 0.00	39.57 -0.40 0.00	37.98 -0.31 0.00	37.64 0.08 0.00	36.58 0.15 0.00	33.65 0.17 0.00	30.76 0.21 0.00	29.88 0.41 0.00
ALCOA___DSASP 323711	29.95 0.30 0.00	28.22 0.44 0.00	27.46 0.43 0.00	27.28 0.43 0.00	27.01 0.40 0.00	26.97 0.42 0.00	28.00 0.31 0.00	27.11 0.32 0.00	28.64 0.28 0.00	31.50 0.16 0.00	34.09 0.27 0.00	37.67 0.08 0.00	37.85 0.19 0.00	37.74 0.08 0.00	37.89 0.23 0.00	37.26 0.19 0.00	37.83 -0.08 0.00	39.57 -0.40 0.00	37.97 -0.31 0.00	37.68 0.11 0.00	36.58 0.15 0.00	33.66 0.17 0.00	30.73 0.18 0.00	29.88 0.41 0.00
ALLEGHENY___COGEN 23514	29.36 -0.30 0.00	27.38 -0.39 0.00	26.57 -0.46 0.00	26.26 -0.59 0.00	26.08 -0.53 0.00	26.18 -0.37 0.00	27.31 -0.39 0.00	26.34 -0.46 0.00	28.13 -0.23 0.00	31.03 -0.31 0.00	32.71 -1.12 0.00	36.43 -1.17 0.00	36.20 -1.47 0.00	36.34 -1.32 0.00	36.42 -1.24 0.00	36.11 -0.96 0.00	37.60 -0.30 0.00	39.77 -0.20 0.00	38.13 -0.15 0.00	37.00 -0.56 0.00	35.74 -0.69 0.00	32.78 -0.70 0.00	30.00 -0.55 0.00	29.21 -0.27 0.00
ALTAMONT_115KV_TB 2 55880	30.43 0.77 0.00	28.58 0.81 0.00	27.81 0.78 0.00	27.66 0.81 0.00	27.39 0.77 0.00	27.29 0.74 0.00	28.50 0.80 0.00	27.57 0.78 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.74 0.91 0.00	38.61 1.01 0.00	38.68 1.02 0.00	38.68 1.02 0.00	38.68 1.02 0.00	38.07 1.00 0.00	39.04 1.14 0.00	41.41 1.44 0.00	39.62 1.34 0.00	38.61 1.05 0.00	37.42 0.98 0.00	34.42 0.94 0.00	31.37 0.82 0.00	30.27 0.80 0.00
ALTONA_WT_PWR 323606	30.87 1.22 0.00	28.97 1.19 0.00	28.16 1.13 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.72 1.17 0.00	28.47 0.77 0.00	27.54 0.75 0.00	29.09 0.74 0.00	32.15 0.81 0.00	34.84 1.01 0.00	38.38 0.79 0.00	38.72 1.05 0.00	38.49 0.83 0.00	38.64 0.98 0.00	37.96 0.89 0.00	38.62 0.72 0.00	40.49 0.52 0.00	38.82 0.54 0.00	38.39 0.83 0.00	37.24 0.80 0.00	34.19 0.70 0.00	31.10 0.55 0.00	30.50 1.03 0.00
AMERICAN_REF_FUEL 24010	26.54 -3.11 0.00	24.83 -2.94 0.00	24.11 -2.92 0.00	23.79 -3.06 0.00	23.66 -2.96 0.00	23.76 -2.79 0.00	24.65 -3.05 0.00	23.49 -3.30 0.00	25.21 -3.15 0.00	27.80 -3.54 0.00	29.16 -4.67 0.00	32.33 -5.26 0.00	32.20 -5.46 0.00	32.35 -5.31 0.00	32.43 -5.23 0.00	31.88 -5.19 0.00	33.05 -4.85 0.00	34.81 -5.16 0.00	33.46 -4.82 0.00	32.57 -5.00 0.00	31.41 -5.03 0.00	28.93 -4.55 0.00	26.73 -3.82 0.00	26.44 -3.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.03 -1.63 0.00	26.11 -1.67 0.00	25.38 -1.65 0.00	25.03 -1.83 0.00	24.86 -1.76 0.00	24.96 -1.59 0.00	25.95 -1.74 0.00	24.84 -1.95 0.00	26.63 -1.73 0.00	29.37 -1.97 0.00	30.92 -2.91 0.00	34.28 -3.31 0.00	34.12 -3.54 0.00	34.27 -3.39 0.00	34.35 -3.31 0.00	33.81 -3.26 0.00	34.98 -2.92 0.00	36.93 -3.04 0.00	35.37 -2.91 0.00	34.41 -3.16 0.00	33.30 -3.13 0.00	30.67 -2.81 0.00	28.26 -2.29 0.00	27.79 -1.68 0.00
ARTHUR KILL_GT_1 23520	30.99 1.34 0.00	28.83 1.06 0.00	27.94 0.92 0.00	27.88 1.02 0.00	27.63 1.01 0.00	27.48 0.93 0.00	28.64 0.94 0.00	27.94 1.15 0.00	29.66 1.31 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.92 2.33 0.00	39.81 2.15 0.00	40.15 2.49 0.00	39.81 2.15 0.00	43.14 2.34 -3.73	40.40 2.50 0.00	54.76 3.44 -11.36	64.99 3.22 -23.49	40.15 2.59 0.00	38.99 2.55 0.00	64.40 2.28 -28.63	32.35 1.80 0.00	30.83 1.36 0.00
ARTHUR_KILL_2 23512	30.90 1.25 0.00	28.77 1.00 0.00	27.89 0.86 0.00	27.82 0.97 0.00	27.55 0.93 0.00	27.40 0.85 0.00	28.55 0.86 0.00	27.89 1.10 0.00	29.60 1.25 0.00	32.88 1.54 0.00	35.58 1.76 0.00	39.81 2.22 0.00	39.70 2.03 0.00	40.04 2.37 0.00	39.74 2.07 0.00	43.02 2.22 -3.73	40.29 2.39 0.00	54.64 3.32 -11.36	64.87 3.10 -23.49	40.00 2.44 0.00	38.88 2.44 0.00	64.29 2.18 -28.63	32.26 1.71 0.00	30.74 1.27 0.00
ARTHUR_KILL_3 23513	30.84 1.19 0.00	28.74 0.97 0.00	27.89 0.86 0.00	27.80 0.94 0.00	27.57 0.96 0.00	27.51 0.95 0.00	28.78 1.08 0.00	28.08 1.29 0.00	29.78 1.42 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.85 2.26 0.00	39.70 2.03 0.00	39.81 2.15 0.00	39.70 2.03 0.00	42.81 2.00 -3.74	40.25 2.35 0.00	54.37 3.04 -11.37	64.61 2.83 -23.49	39.93 2.37 0.00	38.63 2.19 0.00	64.07 1.94 -28.64	32.26 1.71 0.00	30.77 1.30 0.00

ARTHUR_KILL_COGEN 323718	30.99 1.34 0.00	28.83 1.06 0.00	27.94 0.92 0.00	27.88 1.02 0.00	27.63 1.01 0.00	27.48 0.93 0.00	28.64 0.94 0.00	27.94 1.15 0.00	29.66 1.31 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.92 2.33 0.00	39.81 2.15 0.00	40.15 2.49 0.00	39.81 2.15 0.00	43.14 2.34 -3.73	40.40 2.50 0.00	54.76 3.44 -11.36	64.99 3.22 -23.49	40.15 2.59 0.00	38.99 2.55 0.00	64.40 2.28 -28.63	32.35 1.80 0.00	30.83 1.36 0.00
ASHOKAN____ 23654	30.93 1.27 0.00	28.89 1.11 0.00	28.11 1.08 0.00	27.90 1.05 0.00	27.57 0.96 0.00	27.53 0.98 0.00	28.75 1.05 0.00	27.57 0.78 0.00	29.15 0.79 0.00	32.19 0.85 0.00	34.91 1.08 0.00	38.94 1.35 0.00	38.91 1.24 0.00	39.02 1.35 0.00	38.83 1.17 0.00	38.26 1.19 0.00	39.38 1.48 0.00	42.05 2.08 0.00	40.23 1.95 0.00	38.99 1.43 0.00	37.71 1.27 0.00	34.76 1.27 0.00	31.62 1.07 0.00	30.50 1.03 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.74 0.00	27.24 0.69 0.00	28.46 0.77 0.01	27.80 1.02 0.01	29.45 1.10 0.01	32.65 1.32 0.01	35.30 1.49 0.01	39.54 1.95 0.01	39.39 1.73 0.01	39.54 1.88 0.01	39.39 1.73 0.01	38.81 1.74 0.01	39.94 2.05 0.01	42.68 2.72 0.01	40.84 2.57 0.01	39.66 2.10 0.01	38.36 1.93 0.01	35.15 1.67 0.01	31.95 1.41 0.01	30.43 0.97 0.01
ASTORIA_EAST_ENERGY_CC2 323582	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.74 0.00	27.24 0.69 0.00	28.46 0.77 0.01	27.80 1.02 0.01	29.45 1.10 0.01	32.65 1.32 0.01	35.30 1.49 0.01	39.54 1.95 0.01	39.39 1.73 0.01	39.54 1.88 0.01	39.39 1.73 0.01	38.81 1.74 0.01	39.94 2.05 0.01	42.68 2.72 0.01	40.84 2.57 0.01	39.66 2.10 0.01	38.36 1.93 0.01	35.15 1.67 0.01	31.95 1.41 0.01	30.43 0.97 0.01
ASTORIA_GT2_1 24094	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT2_2 24095	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT2_3 24096	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT2_4 24097	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT3_1 24098	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT3_2 24099	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT3_3 24100	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT3_4 24101	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT4_1 24102	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT4_2 24103	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT4_3 24104	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00

ASTORIA_GT4_4 24105	30.51 0.86 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.75 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.13 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.24 1.65 0.01	39.43 1.77 0.01	39.35 1.69 0.01	39.43 1.77 0.01	38.80 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.56 0.01	39.66 2.10 0.01	38.40 1.97 0.01	35.15 1.67 0.01	31.94 1.41 0.01	30.56 1.09 0.00
ASTORIA_GT_1 23523	30.57 0.92 0.01	28.52 0.75 0.01	27.73 0.70 0.00	27.64 0.78 0.00	27.39 0.77 0.00	27.27 0.72 0.00	28.52 0.83 0.01	27.83 1.04 0.01	29.51 1.16 0.01	32.71 1.38 0.01	35.41 1.59 0.01	39.61 2.03 0.01	39.50 1.85 0.01	39.61 1.96 0.01	39.47 1.81 0.01	38.88 1.82 0.01	40.05 2.16 0.01	42.80 2.84 0.01	40.91 2.64 0.01	39.73 2.18 0.01	38.43 2.00 0.01	35.22 1.74 0.01	32.04 1.50 0.01	30.52 1.06 0.01
ASTORIA_GT_10 24110	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.85 2.03 0.00	39.73 2.14 0.00	39.96 2.30 0.00	39.85 2.18 0.00	39.96 2.30 0.00	39.37 2.30 0.00	40.48 2.58 0.00	43.37 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.44 1.89 0.00	31.06 1.59 0.00
ASTORIA_GT_11 24225	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.85 2.03 0.00	39.73 2.14 0.00	39.96 2.30 0.00	39.85 2.18 0.00	39.96 2.30 0.00	39.37 2.30 0.00	40.48 2.58 0.00	43.37 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.44 1.89 0.00	31.06 1.59 0.00
ASTORIA_GT_12 24226	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.85 2.03 0.00	39.73 2.14 0.00	39.96 2.30 0.00	39.85 2.18 0.00	39.96 2.30 0.00	39.37 2.30 0.00	40.48 2.58 0.00	43.37 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.44 1.89 0.00	31.06 1.59 0.00
ASTORIA_GT_13 24227	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.85 2.03 0.00	39.73 2.14 0.00	39.96 2.30 0.00	39.85 2.18 0.00	39.96 2.30 0.00	39.37 2.30 0.00	40.48 2.58 0.00	43.37 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.44 1.89 0.00	31.06 1.59 0.00
ASTORIA_GT_5 24106	30.54 0.89 0.01	28.52 0.75 0.01	27.73 0.70 0.00	27.63 0.78 0.00	27.39 0.77 0.00	27.27 0.72 0.00	28.52 0.83 0.01	27.83 1.04 0.01	29.51 1.16 0.01	32.71 1.38 0.01	35.41 1.59 0.01	39.31 1.73 0.01	39.50 1.85 0.01	39.39 1.73 0.01	39.47 1.81 0.01	38.88 1.82 0.01	40.05 2.16 0.01	42.80 2.84 0.01	40.92 2.64 0.01	39.73 2.18 0.01	38.47 2.04 0.01	35.22 1.74 0.01	32.01 1.47 0.01	30.62 1.15 0.00
ASTORIA_GT_7 24107	30.54 0.89 0.01	28.52 0.75 0.01	27.73 0.70 0.00	27.63 0.78 0.00	27.39 0.77 0.00	27.27 0.72 0.00	28.52 0.83 0.01	27.83 1.04 0.01	29.51 1.16 0.01	32.71 1.38 0.01	35.41 1.59 0.01	39.31 1.73 0.01	39.50 1.85 0.01	39.39 1.73 0.01	39.47 1.81 0.01	38.88 1.82 0.01	40.05 2.16 0.01	42.80 2.84 0.01	40.92 2.64 0.01	39.73 2.18 0.01	38.47 2.04 0.01	35.22 1.74 0.01	32.01 1.47 0.01	30.62 1.15 0.00
ASTORIA_GT_8 24108	30.54 0.89 0.01	28.52 0.75 0.01	27.73 0.70 0.00	27.63 0.78 0.00	27.39 0.77 0.00	27.27 0.72 0.00	28.52 0.83 0.01	27.83 1.04 0.01	29.51 1.16 0.01	32.71 1.38 0.01	35.41 1.59 0.01	39.31 1.73 0.01	39.50 1.85 0.01	39.39 1.73 0.01	39.47 1.81 0.01	38.88 1.82 0.01	40.05 2.16 0.01	42.80 2.84 0.01	40.92 2.64 0.01	39.73 2.18 0.01	38.47 2.04 0.01	35.22 1.74 0.01	32.01 1.47 0.01	30.62 1.15 0.00
ASTORIA___2 24149	30.54 0.89 0.01	28.46 0.69 0.01	27.67 0.65 0.00	27.61 0.75 0.00	27.36 0.74 0.00	27.24 0.69 0.00	28.49 0.80 0.01	27.80 1.02 0.01	29.48 1.14 0.01	32.68 1.35 0.01	35.34 1.52 0.01	39.58 1.99 0.01	39.43 1.77 0.01	39.57 1.92 0.01	39.43 1.77 0.01	38.81 1.74 0.01	39.98 2.08 0.01	42.72 2.76 0.01	40.84 2.57 0.01	39.66 2.10 0.01	38.36 1.93 0.01	35.15 1.67 0.01	31.98 1.44 0.01	30.47 1.00 0.01
ASTORIA___3 23516	31.02 1.36 0.00	28.94 1.17 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.19 1.85 0.00	35.85 2.03 0.00	40.07 2.48 0.00	39.96 2.30 0.00	40.15 2.49 0.00	39.96 2.30 0.00	39.41 2.34 0.00	40.51 2.61 0.00	43.36 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.47 1.93 0.00	30.94 1.47 0.00
ASTORIA___4 23517	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.85 2.03 0.00	39.73 2.14 0.00	39.96 2.30 0.00	39.85 2.18 0.00	39.96 2.30 0.00	39.37 2.30 0.00	40.48 2.58 0.00	43.37 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.44 1.89 0.00	31.06 1.59 0.00
ASTORIA___5 23518	31.02 1.36 0.00	28.94 1.17 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.19 1.85 0.00	35.85 2.03 0.00	40.07 2.48 0.00	39.96 2.30 0.00	40.15 2.49 0.00	39.96 2.30 0.00	39.41 2.34 0.00	40.51 2.61 0.00	43.36 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.47 1.93 0.00	30.94 1.47 0.00
AST_ENERGY_2_CC3 323677	30.86 1.22 0.01	28.76 1.00 0.01	27.92 0.89 0.00	27.85 0.99 0.00	27.60 0.99 0.00	27.53 0.98 0.00	28.76 1.08 0.01	28.07 1.29 0.01	29.77 1.42 0.01	32.99 1.66 0.01	35.68 1.86 0.01	39.84 2.26 0.01	39.73 2.07 0.01	39.88 2.22 0.01	39.73 2.07 0.01	39.10 2.04 0.01	40.28 2.39 0.01	43.04 3.08 0.01	41.15 2.87 0.01	39.96 2.41 0.01	38.65 2.22 0.01	35.49 2.01 0.01	32.28 1.74 0.01	30.77 1.30 0.00
AST_ENERGY_2_CC4 323678	30.86 1.22 0.01	28.76 1.00 0.01	27.92 0.89 0.00	27.85 0.99 0.00	27.60 0.99 0.00	27.53 0.98 0.00	28.76 1.08 0.01	28.07 1.29 0.01	29.77 1.42 0.01	32.99 1.66 0.01	35.68 1.86 0.01	39.84 2.26 0.01	39.73 2.07 0.01	39.88 2.22 0.01	39.73 2.07 0.01	39.10 2.04 0.01	40.28 2.39 0.01	43.04 3.08 0.01	41.15 2.87 0.01	39.96 2.41 0.01	38.65 2.22 0.01	35.49 2.01 0.01	32.28 1.74 0.01	30.77 1.30 0.00

ATHENS_STG_1 23668	30.58 0.92 0.00	28.61 0.83 0.00	27.86 0.84 0.00	27.71 0.86 0.00	27.47 0.85 0.00	27.35 0.80 0.00	28.58 0.89 0.00	27.65 0.86 0.00	29.26 0.91 0.00	32.37 1.03 0.00	34.98 1.15 0.00	39.02 1.43 0.00	38.98 1.32 0.00	39.06 1.39 0.00	38.95 1.28 0.00	38.37 1.30 0.00	39.38 1.48 0.00	41.81 1.84 0.00	40.01 1.72 0.00	38.99 1.43 0.00	37.79 1.35 0.00	34.73 1.24 0.00	31.65 1.10 0.00	30.39 0.91 0.00
ATHENS_STG_2 23670	30.58 0.92 0.00	28.61 0.83 0.00	27.86 0.84 0.00	27.71 0.86 0.00	27.47 0.85 0.00	27.35 0.80 0.00	28.58 0.89 0.00	27.65 0.86 0.00	29.26 0.91 0.00	32.37 1.03 0.00	34.98 1.15 0.00	39.02 1.43 0.00	38.98 1.32 0.00	39.06 1.39 0.00	38.95 1.28 0.00	38.37 1.30 0.00	39.38 1.48 0.00	41.81 1.84 0.00	40.01 1.72 0.00	38.99 1.43 0.00	37.79 1.35 0.00	34.73 1.24 0.00	31.65 1.10 0.00	30.39 0.91 0.00
ATHENS_STG_3 23677	30.58 0.92 0.00	28.61 0.83 0.00	27.86 0.84 0.00	27.71 0.86 0.00	27.47 0.85 0.00	27.35 0.80 0.00	28.58 0.89 0.00	27.65 0.86 0.00	29.26 0.91 0.00	32.37 1.03 0.00	34.98 1.15 0.00	39.02 1.43 0.00	38.98 1.32 0.00	39.06 1.39 0.00	38.95 1.28 0.00	38.37 1.30 0.00	39.38 1.48 0.00	41.81 1.84 0.00	40.01 1.72 0.00	38.99 1.43 0.00	37.79 1.35 0.00	34.73 1.24 0.00	31.65 1.10 0.00	30.39 0.91 0.00
AUBURN___LFGE 323710	29.27 -0.39 0.00	27.36 -0.42 0.00	26.59 -0.43 0.00	26.37 -0.48 0.00	26.16 -0.45 0.00	26.18 -0.37 0.00	27.33 -0.36 0.00	26.42 -0.38 0.00	28.07 -0.28 0.00	31.09 -0.25 0.00	33.42 -0.41 0.00	37.22 -0.38 0.00	37.18 -0.49 0.00	37.25 -0.41 0.00	37.25 -0.41 0.00	36.70 -0.37 0.00	37.71 -0.19 0.00	39.89 -0.08 0.00	38.17 -0.11 0.00	37.19 -0.38 0.00	36.04 -0.40 0.00	33.05 -0.44 0.00	30.15 -0.40 0.00	29.06 -0.41 0.00
BABYLON_RES_REC 323704	35.78 2.04 -4.08	34.51 1.83 -4.90	32.46 1.73 -3.71	30.33 1.77 -1.70	29.47 1.76 -1.10	31.00 1.75 -2.70	29.59 1.88 -0.01	34.39 1.98 -5.61	40.67 2.18 -10.13	45.32 2.48 -11.51	51.94 2.74 -15.38	54.57 3.23 -13.75	55.64 3.09 -14.89	53.35 3.20 -12.49	53.39 3.09 -12.64	53.12 3.08 -12.97	54.87 3.48 -13.48	63.68 4.20 -19.51	60.64 3.94 -18.41	55.38 3.45 -14.36	53.60 3.24 -13.92	49.48 2.88 -13.11	47.20 2.53 -14.12	45.29 2.15 -13.67
BABYLON___69_KV_BK2 356345	36.11 2.37 -4.08	34.84 2.17 -4.90	32.76 2.03 -3.71	30.65 2.09 -1.70	29.76 2.05 -1.10	31.29 2.04 -2.70	29.91 2.22 0.00	34.71 2.30 -5.61	41.01 2.52 -10.13	45.70 2.85 -11.51	52.38 3.18 -15.38	54.84 3.50 -13.75	56.13 3.58 -14.89	53.66 3.50 -12.49	53.88 3.58 -12.64	53.60 3.56 -12.97	55.40 4.02 -13.48	64.28 4.80 -19.51	61.25 4.56 -18.41	55.95 4.02 -14.36	54.11 3.75 -13.92	49.88 3.28 -13.11	47.54 2.87 -14.12	45.74 2.59 -13.67
BALL_HILL_WT_PWR 323825	27.67 -1.99 0.00	25.83 -1.94 0.00	25.11 -1.92 0.00	24.79 -2.07 0.00	24.65 -1.97 0.00	24.74 -1.81 0.00	25.75 -1.94 0.00	24.67 -2.12 0.00	26.48 -1.87 0.00	29.21 -2.13 0.00	30.71 -3.11 0.00	34.06 -3.54 0.00	33.94 -3.73 0.00	34.08 -3.58 0.00	34.12 -3.54 0.00	33.58 -3.49 0.00	34.79 -3.11 0.00	36.69 -3.28 0.00	35.18 -3.10 0.00	34.22 -3.34 0.00	33.09 -3.35 0.00	30.44 -3.05 0.00	28.07 -2.47 0.00	27.56 -1.92 0.00
BARON_WINDS___WT_PWR 323822	28.71 -0.95 0.00	26.80 -0.97 0.00	26.05 -0.97 0.00	25.75 -1.10 0.00	25.58 -1.04 0.00	25.62 -0.93 0.00	26.72 -0.97 0.00	25.67 -1.12 0.00	27.45 -0.91 0.00	30.31 -1.03 0.00	32.20 -1.62 0.00	35.79 -1.80 0.00	35.71 -1.96 0.00	35.86 -1.81 0.00	35.82 -1.84 0.00	35.29 -1.78 0.00	36.38 -1.52 0.00	38.49 -1.48 0.00	36.87 -1.42 0.00	35.80 -1.76 0.00	34.69 -1.75 0.00	31.88 -1.61 0.00	29.23 -1.31 0.00	28.44 -1.03 0.00
BARRETT_IC_1 23704	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_10 23701	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_11 23702	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_12 23703	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_2 23705	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_3 23706	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_4 23707	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67

BARRETT_IC_5 23708	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_6 23709	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_7 23710	35.52 1.78 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.33 1.63 0.00	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.71 2.37 -13.75	55.04 2.49 -14.89	52.56 2.41 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.98 2.62 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	45.09 1.95 -13.67
BARRETT_IC_8 23711	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT_IC_9 23700	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT___1 23545	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BARRETT___2 23546	35.55 1.81 -4.08	34.29 1.61 -4.90	32.22 1.49 -3.71	30.08 1.53 -1.70	29.23 1.52 -1.10	30.76 1.51 -2.70	29.34 1.63 -0.01	34.17 1.77 -5.61	40.36 1.87 -10.13	44.89 2.04 -11.51	51.44 2.23 -15.38	53.97 2.63 -13.75	55.04 2.49 -14.89	52.79 2.64 -12.49	52.79 2.49 -12.64	52.52 2.48 -12.97	54.11 2.73 -13.48	62.88 3.40 -19.51	59.87 3.18 -18.41	54.67 2.74 -14.36	52.95 2.59 -13.92	49.01 2.41 -13.11	46.83 2.17 -14.12	44.97 1.83 -13.67
BATAVIA__115KV_TB1 55881	27.88 -1.78 0.00	25.83 -1.94 0.00	25.08 -1.95 0.00	24.79 -2.07 0.00	24.67 -1.94 0.00	24.77 -1.78 0.00	25.76 -1.94 0.00	24.70 -2.09 0.00	26.48 -1.87 0.00	29.30 -2.04 0.00	30.81 -3.01 0.00	34.28 -3.31 0.00	34.05 -3.62 0.00	34.27 -3.39 0.00	34.35 -3.31 0.00	33.81 -3.26 0.00	35.06 -2.84 0.00	36.93 -3.04 0.00	35.49 -2.79 0.00	34.48 -3.08 0.00	33.23 -3.21 0.00	30.57 -2.91 0.00	28.10 -2.44 0.00	27.44 -2.03 0.00
BAYONEEC___CTG1 323682	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BAYONEEC___CTG10 323750	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BAYONEEC___CTG2 323683	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BAYONEEC___CTG3 323684	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BAYONEEC___CTG4 323685	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BAYONEEC___CTG5 323686	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BAYONEEC___CTG6 323687	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00

BAYONEEC___CTG7 323688	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BAYONEEC___CTG8 323689	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BAYONEEC___CTG9 323749	30.93 1.27 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.83 1.14 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.75 1.93 0.00	39.92 2.33 0.00	39.81 2.15 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00
BEACON___LESR 323632	31.02 1.36 0.00	29.02 1.25 0.00	28.27 1.24 0.00	28.12 1.26 0.00	27.84 1.22 0.00	27.77 1.22 0.00	29.00 1.30 0.00	28.00 1.21 0.00	29.38 1.02 0.00	32.41 1.07 0.00	35.04 1.22 0.00	39.13 1.54 0.00	39.06 1.39 0.00	39.17 1.51 0.00	39.06 1.39 0.00	38.44 1.37 0.00	39.42 1.52 0.00	41.77 1.80 0.00	39.96 1.68 0.00	38.95 1.39 0.00	37.71 1.27 0.00	34.73 1.24 0.00	31.68 1.13 0.00	30.62 1.15 0.00
BEAVER RIVER___HYD 24048	29.27 -0.39 0.00	27.44 -0.33 0.00	26.67 -0.35 0.00	26.51 -0.35 0.00	26.24 -0.37 0.00	26.21 -0.35 0.00	27.28 -0.41 0.00	26.34 -0.46 0.00	27.85 -0.51 0.00	30.68 -0.66 0.00	33.35 -0.47 0.00	37.14 -0.45 0.00	37.40 -0.26 0.00	37.40 -0.26 0.00	37.33 -0.34 0.00	36.77 -0.30 0.00	37.67 -0.23 0.00	39.85 -0.12 0.00	38.02 -0.27 0.00	37.22 -0.34 0.00	36.11 -0.33 0.00	33.22 -0.27 0.00	30.27 -0.28 0.00	29.23 -0.24 0.00
BEEBEE_GT_13 23619	28.08 -1.57 0.00	26.16 -1.61 0.00	25.40 -1.62 0.00	25.14 -1.72 0.00	24.96 -1.65 0.00	25.04 -1.51 0.00	26.09 -1.61 0.00	25.10 -1.69 0.00	26.83 -1.53 0.00	29.68 -1.66 0.00	31.49 -2.33 0.00	35.07 -2.52 0.00	34.92 -2.75 0.00	35.10 -2.56 0.00	35.14 -2.52 0.00	34.59 -2.48 0.00	35.66 -2.24 0.00	37.61 -2.36 0.00	36.10 -2.18 0.00	35.16 -2.40 0.00	33.96 -2.48 0.00	31.21 -2.28 0.00	28.62 -1.92 0.00	27.79 -1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.20 1.54 0.00	29.05 1.28 0.00	28.16 1.14 0.00	28.09 1.24 0.00	27.84 1.22 0.00	27.75 1.19 0.00	28.97 1.27 0.00	28.29 1.50 0.00	30.03 1.67 0.00	33.38 2.04 0.00	36.09 2.27 0.00	40.00 2.41 0.00	40.26 2.60 0.00	40.15 2.49 0.00	40.26 2.60 0.00	43.47 2.67 -3.73	40.82 2.92 0.00	55.12 3.80 -11.36	65.33 3.56 -23.49	40.57 3.01 0.00	39.24 2.81 0.00	64.70 2.58 -28.63	32.69 2.14 0.00	31.24 1.77 0.00
BETHLEHEM___GRP 23843	30.31 0.65 0.00	28.63 0.86 0.00	27.89 0.86 0.00	27.74 0.89 0.00	27.47 0.85 0.00	27.37 0.82 0.00	28.58 0.89 0.00	27.59 0.80 0.00	28.87 0.51 0.00	31.81 0.47 0.00	34.37 0.54 0.00	38.19 0.60 0.00	38.31 0.64 0.00	38.26 0.60 0.00	38.27 0.60 0.00	37.66 0.59 0.00	38.62 0.72 0.00	40.93 0.96 0.00	39.16 0.88 0.00	38.16 0.60 0.00	36.98 0.55 0.00	34.06 0.57 0.00	31.10 0.55 0.00	30.15 0.68 0.00
BETHLEHEM___GS1 323560	30.58 0.92 0.00	28.64 0.86 0.00	27.89 0.86 0.00	27.74 0.88 0.00	27.47 0.85 0.00	27.37 0.82 0.00	28.58 0.89 0.00	27.59 0.80 0.00	28.87 0.51 0.00	31.81 0.47 0.00	34.36 0.54 0.00	38.34 0.75 0.00	38.30 0.64 0.00	38.38 0.71 0.00	38.27 0.60 0.00	37.66 0.59 0.00	38.62 0.72 0.00	40.93 0.96 0.00	39.16 0.88 0.00	38.16 0.60 0.00	36.99 0.55 0.00	34.06 0.57 0.00	31.13 0.58 0.00	30.12 0.65 0.00
BETHLEHEM___GS2 323561	30.58 0.92 0.00	28.64 0.86 0.00	27.89 0.86 0.00	27.74 0.88 0.00	27.47 0.85 0.00	27.37 0.82 0.00	28.58 0.89 0.00	27.59 0.80 0.00	28.87 0.51 0.00	31.81 0.47 0.00	34.36 0.54 0.00	38.34 0.75 0.00	38.30 0.64 0.00	38.38 0.71 0.00	38.27 0.60 0.00	37.66 0.59 0.00	38.62 0.72 0.00	40.93 0.96 0.00	39.16 0.88 0.00	38.16 0.60 0.00	36.99 0.55 0.00	34.06 0.57 0.00	31.13 0.58 0.00	30.12 0.65 0.00
BETHLEHEM___GS3 323562	30.58 0.92 0.00	28.64 0.86 0.00	27.89 0.86 0.00	27.74 0.88 0.00	27.47 0.85 0.00	27.37 0.82 0.00	28.58 0.89 0.00	27.59 0.80 0.00	28.87 0.51 0.00	31.81 0.47 0.00	34.36 0.54 0.00	38.34 0.75 0.00	38.30 0.64 0.00	38.38 0.71 0.00	38.27 0.60 0.00	37.66 0.59 0.00	38.62 0.72 0.00	40.93 0.96 0.00	39.16 0.88 0.00	38.16 0.60 0.00	36.99 0.55 0.00	34.06 0.57 0.00	31.13 0.58 0.00	30.12 0.65 0.00
BETHLEHEM___STEEL 23779	27.70 -1.96 0.00	25.72 -2.06 0.00	24.97 -2.05 0.00	24.65 -2.20 0.00	24.51 -2.10 0.00	24.61 -1.94 0.00	25.62 -2.08 0.00	24.51 -2.28 0.00	26.31 -2.04 0.00	29.02 -2.32 0.00	30.51 -3.31 0.00	33.83 -3.76 0.00	33.71 -3.95 0.00	33.90 -3.77 0.00	33.94 -3.73 0.00	33.40 -3.67 0.00	34.60 -3.30 0.00	36.49 -3.48 0.00	35.03 -3.25 0.00	34.07 -3.49 0.00	32.83 -3.61 0.00	30.27 -3.21 0.00	27.89 -2.66 0.00	27.26 -2.21 0.00
BETHLHEM_115KV_TB1 79974	30.34 0.68 0.00	28.63 0.86 0.00	27.86 0.84 0.00	27.72 0.86 0.00	27.44 0.83 0.00	27.35 0.80 0.00	28.55 0.86 0.00	27.59 0.80 0.00	28.90 0.54 0.00	31.87 0.53 0.00	34.43 0.61 0.00	38.31 0.71 0.00	38.38 0.72 0.00	38.38 0.72 0.00	38.34 0.68 0.00	37.74 0.67 0.00	38.70 0.80 0.00	41.05 1.08 0.00	39.28 1.00 0.00	38.28 0.71 0.00	37.09 0.66 0.00	34.12 0.64 0.00	31.16 0.61 0.00	30.18 0.71 0.00
BETHPAGE_CC_5 323564	35.70 1.96 -4.08	34.40 1.72 -4.90	32.35 1.62 -3.71	30.22 1.67 -1.70	29.36 1.65 -1.10	30.89 1.65 -2.70	29.48 1.77 -0.01	34.31 1.90 -5.61	40.56 2.07 -10.13	45.20 2.35 -11.51	51.81 2.60 -15.38	54.46 3.12 -13.75	55.49 2.94 -14.89	53.20 3.05 -12.49	53.24 2.94 -12.64	52.97 2.93 -12.97	54.64 3.26 -13.48	63.44 3.96 -19.51	60.41 3.71 -18.41	55.16 3.23 -14.36	53.42 3.06 -13.92	49.34 2.75 -13.11	47.08 2.41 -14.12	45.17 2.03 -13.67
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.82 -1.84 0.00	25.80 -1.97 0.00	25.08 -1.95 0.00	24.73 -2.12 0.00	24.62 -2.00 0.00	24.72 -1.83 0.00	25.73 -1.97 0.00	24.65 -2.14 0.00	26.43 -1.93 0.00	29.18 -2.16 0.00	30.68 -3.15 0.00	34.02 -3.57 0.00	33.90 -3.77 0.00	34.08 -3.58 0.00	34.12 -3.54 0.00	33.59 -3.48 0.00	34.79 -3.11 0.00	36.69 -3.28 0.00	35.22 -3.06 0.00	34.26 -3.31 0.00	33.01 -3.43 0.00	30.44 -3.05 0.00	28.04 -2.50 0.00	27.38 -2.09 0.00

BINGHAMTON___COGEN 23790	29.54 -0.12 0.00	27.58 -0.19 0.00	26.84 -0.19 0.00	26.64 -0.21 0.00	26.40 -0.21 0.00	26.39 -0.16 0.00	27.56 -0.14 0.00	26.63 -0.16 0.00	28.33 -0.03 0.00	31.28 -0.06 0.00	33.55 -0.27 0.00	37.29 -0.30 0.00	37.36 -0.30 0.00	37.36 -0.30 0.00	37.40 -0.26 0.00	36.81 -0.26 0.00	37.86 -0.04 0.00	40.13 0.16 0.00	38.36 0.08 0.00	37.38 -0.19 0.00	36.22 -0.22 0.00	33.25 -0.23 0.00	30.36 -0.18 0.00	29.32 -0.15 0.00
BIXINCNT_115KV_LOAD 355685	28.20 -1.45 0.00	26.16 -1.61 0.00	25.40 -1.62 0.00	25.00 -1.85 0.00	24.88 -1.73 0.00	25.06 -1.49 0.00	26.00 -1.69 0.00	24.94 -1.85 0.00	26.80 -1.56 0.00	29.55 -1.79 0.00	31.08 -2.74 0.00	34.51 -3.08 0.00	34.43 -3.24 0.00	34.65 -3.01 0.00	34.80 -2.86 0.00	34.29 -2.78 0.00	35.40 -2.50 0.00	37.29 -2.68 0.00	35.72 -2.56 0.00	34.78 -2.78 0.00	33.60 -2.84 0.00	30.94 -2.55 0.00	28.47 -2.08 0.00	27.79 -1.68 0.00
BLACK RIVER___HYD 24047	29.09 -0.56 0.00	27.22 -0.56 0.00	26.46 -0.57 0.00	26.29 -0.57 0.00	25.98 -0.64 0.00	25.97 -0.58 0.00	27.08 -0.61 0.00	26.26 -0.54 0.00	27.76 -0.60 0.00	30.62 -0.72 0.00	33.32 -0.51 0.00	37.10 -0.49 0.00	37.29 -0.38 0.00	37.36 -0.30 0.00	37.17 -0.49 0.00	36.66 -0.41 0.00	37.64 -0.26 0.00	39.97 0.00 0.00	38.02 -0.27 0.00	37.15 -0.41 0.00	36.00 -0.44 0.00	33.09 -0.40 0.00	30.12 -0.43 0.00	29.03 -0.44 0.00
BLACKRVR_115KV_TB2 79977	29.12 -0.53 0.00	27.22 -0.56 0.00	26.46 -0.57 0.00	26.29 -0.56 0.00	25.98 -0.64 0.00	25.97 -0.58 0.00	27.08 -0.61 0.00	26.26 -0.54 0.00	27.76 -0.60 0.00	30.62 -0.72 0.00	33.32 -0.51 0.00	37.14 -0.45 0.00	37.29 -0.38 0.00	37.36 -0.30 0.00	37.18 -0.49 0.00	36.66 -0.41 0.00	37.64 -0.27 0.00	39.97 0.00 0.00	38.01 -0.27 0.00	37.15 -0.41 0.00	36.00 -0.44 0.00	33.09 -0.40 0.00	30.12 -0.43 0.00	29.00 -0.47 0.00
BLISS_WT_PWR 323608	28.03 -1.63 0.00	26.16 -1.61 0.00	25.40 -1.62 0.00	24.98 -1.88 0.00	24.86 -1.76 0.00	25.04 -1.51 0.00	25.98 -1.72 0.00	24.89 -1.90 0.00	26.74 -1.62 0.00	29.49 -1.85 0.00	31.02 -2.81 0.00	34.47 -3.12 0.00	34.35 -3.31 0.00	34.65 -3.01 0.00	34.80 -2.86 0.00	34.29 -2.78 0.00	35.40 -2.50 0.00	37.21 -2.76 0.00	35.64 -2.64 0.00	34.71 -2.86 0.00	33.60 -2.84 0.00	30.91 -2.58 0.00	28.47 -2.08 0.00	27.91 -1.56 0.00
BLUESTONE___WT_PWR 323821	31.23 1.57 0.00	29.19 1.42 0.00	28.40 1.38 0.00	28.17 1.32 0.00	27.89 1.28 0.00	27.90 1.35 0.00	29.22 1.52 0.00	28.43 1.63 0.00	30.17 1.82 0.00	33.35 2.01 0.00	36.02 2.20 0.00	40.22 2.63 0.00	40.19 2.52 0.00	40.26 2.60 0.00	40.08 2.41 0.00	39.48 2.41 0.00	40.63 2.73 0.00	43.21 3.24 0.00	41.12 2.83 0.00	39.97 2.41 0.00	38.74 2.30 0.00	35.53 2.04 0.00	32.38 1.83 0.00	31.18 1.71 0.00
BLUE_CIRC_CHEM_DRP 24182	30.61 0.95 0.00	28.80 1.03 0.00	28.05 1.03 0.00	27.88 1.02 0.00	27.60 0.98 0.00	27.51 0.96 0.00	28.72 1.02 0.00	27.70 0.91 0.00	29.15 0.79 0.00	32.19 0.85 0.00	34.81 0.98 0.00	38.72 1.13 0.00	38.80 1.13 0.00	38.79 1.13 0.00	38.80 1.13 0.00	38.18 1.11 0.00	39.11 1.21 0.00	41.41 1.44 0.00	39.66 1.38 0.00	38.65 1.09 0.00	37.46 1.02 0.00	34.49 1.00 0.00	31.46 0.92 0.00	30.41 0.94 0.00
BOC_GAS_DRP 24189	30.34 0.68 0.00	28.50 0.72 0.00	27.75 0.73 0.00	27.61 0.75 0.00	27.33 0.72 0.00	27.24 0.69 0.00	28.44 0.75 0.00	27.49 0.70 0.00	28.98 0.62 0.00	32.00 0.66 0.00	34.60 0.78 0.00	38.46 0.86 0.00	38.53 0.87 0.00	38.53 0.87 0.00	38.53 0.87 0.00	37.92 0.85 0.00	38.89 0.99 0.00	41.21 1.24 0.00	39.43 1.15 0.00	38.46 0.90 0.00	37.28 0.84 0.00	34.29 0.80 0.00	31.28 0.73 0.00	30.18 0.71 0.00
BOONVILLE_115KV_TB1 79983	30.10 0.44 0.00	28.16 0.39 0.00	27.38 0.35 0.00	27.23 0.38 0.00	26.96 0.35 0.00	26.92 0.37 0.00	28.11 0.42 0.00	27.19 0.40 0.00	28.75 0.40 0.00	31.78 0.44 0.00	34.47 0.64 0.00	38.38 0.79 0.00	38.61 0.94 0.00	38.60 0.94 0.00	38.49 0.83 0.00	37.92 0.85 0.00	38.85 0.95 0.00	41.13 1.16 0.00	39.24 0.96 0.00	38.35 0.79 0.00	37.20 0.77 0.00	34.16 0.67 0.00	31.13 0.58 0.00	30.00 0.53 0.00
BORALEX_4TH_BRANCH 23824	31.23 1.57 0.00	29.25 1.47 0.00	28.46 1.43 0.00	28.31 1.45 0.00	28.02 1.41 0.00	27.93 1.38 0.00	29.19 1.50 0.00	28.24 1.45 0.00	29.89 1.53 0.00	33.06 1.72 0.00	35.79 1.96 0.00	39.77 2.18 0.00	39.89 2.22 0.00	39.85 2.18 0.00	39.81 2.15 0.00	39.22 2.15 0.00	40.25 2.35 0.00	42.73 2.76 0.00	40.92 2.64 0.00	39.85 2.29 0.00	38.59 2.15 0.00	35.50 2.01 0.00	32.35 1.80 0.00	31.12 1.65 0.00
BOWLINE___1 23526	30.75 1.10 0.00	28.72 0.94 0.00	27.89 0.86 0.00	27.77 0.91 0.00	27.49 0.88 0.00	27.43 0.87 0.00	28.69 1.00 0.00	27.92 1.13 0.00	29.60 1.25 0.00	32.78 1.44 0.00	35.38 1.56 0.00	39.51 1.92 0.00	39.44 1.77 0.00	39.54 1.88 0.00	39.40 1.73 0.00	38.81 1.74 0.00	39.91 2.01 0.00	42.57 2.60 0.00	40.73 2.45 0.00	39.55 1.99 0.00	38.30 1.86 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.62 1.15 0.00
BOWLINE___2 23595	30.75 1.10 0.00	28.72 0.94 0.00	27.89 0.86 0.00	27.77 0.91 0.00	27.49 0.88 0.00	27.43 0.87 0.00	28.69 1.00 0.00	27.92 1.13 0.00	29.60 1.25 0.00	32.78 1.44 0.00	35.38 1.56 0.00	39.51 1.92 0.00	39.44 1.77 0.00	39.54 1.88 0.00	39.40 1.73 0.00	38.81 1.74 0.00	39.91 2.01 0.00	42.57 2.60 0.00	40.73 2.45 0.00	39.55 1.99 0.00	38.30 1.86 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.62 1.15 0.00
BRADY___115KV_TB2 356060	30.34 0.68 0.00	28.38 0.61 0.00	27.62 0.59 0.00	27.42 0.56 0.00	27.17 0.56 0.00	27.11 0.56 0.00	28.14 0.44 0.00	27.27 0.48 0.00	28.81 0.45 0.00	31.65 0.31 0.00	34.33 0.51 0.00	38.08 0.49 0.00	38.08 0.41 0.00	38.11 0.45 0.00	38.08 0.41 0.00	37.44 0.37 0.00	38.05 0.15 0.00	39.85 -0.12 0.00	38.17 -0.11 0.00	37.86 0.30 0.00	36.80 0.36 0.00	33.89 0.40 0.00	30.97 0.43 0.00	30.12 0.65 0.00
BRANSCOMB___SOLAR 323811	31.14 1.48 0.00	29.11 1.33 0.00	28.32 1.30 0.00	28.17 1.32 0.00	27.87 1.25 0.00	27.80 1.25 0.00	29.02 1.33 0.00	28.08 1.29 0.00	29.75 1.39 0.00	32.94 1.60 0.00	35.68 1.86 0.00	39.89 2.29 0.00	39.81 2.15 0.00	39.88 2.22 0.00	39.74 2.07 0.00	39.15 2.07 0.00	40.14 2.24 0.00	42.57 2.60 0.00	40.73 2.45 0.00	39.67 2.10 0.00	38.40 1.97 0.00	35.26 1.77 0.00	32.07 1.53 0.00	30.89 1.41 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.02 2.28 -4.08	34.76 2.08 -4.90	32.70 1.97 -3.71	30.59 2.04 -1.70	29.73 2.02 -1.10	31.24 1.99 -2.70	29.85 2.16 0.00	34.63 2.22 -5.61	40.90 2.41 -10.13	45.61 2.76 -11.51	52.25 3.04 -15.38	54.65 3.31 -13.75	55.94 3.39 -14.89	53.47 3.31 -12.49	53.69 3.39 -12.64	53.41 3.37 -12.97	55.21 3.83 -13.48	64.04 4.56 -19.51	61.02 4.33 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.71 3.11 -13.11	47.41 2.75 -14.12	45.62 2.48 -13.67

BRISTLHL_115KV_TB1 79998	28.71 -0.95 0.00	26.83 -0.94 0.00	26.11 -0.92 0.00	25.92 -0.94 0.00	25.71 -0.90 0.00	25.67 -0.88 0.00	26.78 -0.91 0.00	25.88 -0.91 0.00	27.45 -0.91 0.00	30.40 -0.94 0.00	32.74 -1.08 0.00	36.46 -1.13 0.00	36.46 -1.21 0.00	36.49 -1.17 0.00	36.50 -1.17 0.00	35.92 -1.15 0.00	36.84 -1.06 0.00	38.97 -1.00 0.00	37.29 -1.00 0.00	36.40 -1.16 0.00	35.27 -1.17 0.00	32.38 -1.11 0.00	29.57 -0.98 0.00	28.50 -0.97 0.00
BROOKHAVEN___DRP 24191	35.76 2.02 -4.08	34.65 1.97 -4.90	32.57 1.84 -3.71	30.46 1.91 -1.70	29.57 1.86 -1.10	31.11 1.86 -2.70	29.74 2.05 0.00	34.49 2.09 -5.61	40.81 2.33 -10.13	45.48 2.63 -11.51	52.18 2.98 -15.38	54.50 3.16 -13.75	55.71 3.16 -14.89	53.32 3.16 -12.49	53.54 3.24 -12.64	53.23 3.19 -12.97	55.10 3.71 -13.48	63.72 4.24 -19.51	60.83 4.13 -18.41	55.53 3.61 -14.36	53.82 3.46 -13.92	49.48 2.88 -13.11	47.29 2.63 -14.12	45.59 2.45 -13.67
BROOKLYN_NAVY_YARD 23515	30.93 1.27 0.00	28.83 1.06 0.00	27.97 0.95 0.00	27.88 1.02 0.00	27.65 1.04 0.00	27.59 1.03 0.00	28.86 1.16 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.13 1.79 0.00	35.82 2.00 0.00	40.03 2.44 0.00	39.89 2.22 0.00	40.04 2.37 0.00	39.89 2.22 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.35 3.06 0.00	40.15 2.59 0.00	38.84 2.40 0.00	35.63 2.15 0.00	32.38 1.83 0.00	30.86 1.39 0.00
BROOKLYN___ARMY_DRP 323595	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
BROOKVLE_69_KV_TB1 55790	35.73 1.99 -4.08	34.45 1.78 -4.90	32.38 1.65 -3.71	30.25 1.69 -1.70	29.39 1.68 -1.10	30.92 1.67 -2.70	29.49 1.80 0.00	34.36 1.96 -5.61	40.62 2.13 -10.13	45.29 2.44 -11.51	51.91 2.71 -15.38	54.31 2.97 -13.75	55.64 3.09 -14.89	53.13 2.98 -12.49	53.32 3.01 -12.64	53.04 3.00 -12.97	54.53 3.15 -13.48	63.36 3.88 -19.51	60.33 3.64 -18.41	55.08 3.16 -14.36	53.49 3.13 -13.92	49.41 2.81 -13.11	47.11 2.44 -14.12	45.32 2.18 -13.67
BROOME_2_LFGE 323671	29.48 -0.18 0.00	27.58 -0.19 0.00	26.84 -0.19 0.00	26.64 -0.22 0.00	26.40 -0.21 0.00	26.39 -0.16 0.00	27.56 -0.14 0.00	26.63 -0.16 0.00	28.33 -0.03 0.00	31.31 -0.03 0.00	33.55 -0.27 0.00	37.40 -0.19 0.00	37.36 -0.30 0.00	37.44 -0.22 0.00	37.40 -0.26 0.00	36.81 -0.26 0.00	37.86 -0.04 0.00	40.13 0.16 0.00	38.36 0.08 0.00	37.38 -0.19 0.00	36.22 -0.22 0.00	33.25 -0.23 0.00	30.40 -0.15 0.00	29.35 -0.12 0.00
BROOME___LFGE 323600	29.48 -0.18 0.00	27.58 -0.19 0.00	26.84 -0.19 0.00	26.64 -0.22 0.00	26.40 -0.21 0.00	26.39 -0.16 0.00	27.56 -0.14 0.00	26.63 -0.16 0.00	28.33 -0.03 0.00	31.31 -0.03 0.00	33.55 -0.27 0.00	37.40 -0.19 0.00	37.36 -0.30 0.00	37.44 -0.22 0.00	37.40 -0.26 0.00	36.81 -0.26 0.00	37.86 -0.04 0.00	40.13 0.16 0.00	38.36 0.08 0.00	37.38 -0.19 0.00	36.22 -0.22 0.00	33.25 -0.23 0.00	30.40 -0.15 0.00	29.35 -0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	29.42 -0.24 0.00	27.52 -0.25 0.00	26.75 -0.27 0.00	26.59 -0.27 0.00	26.32 -0.29 0.00	26.26 -0.29 0.00	27.25 -0.44 0.00	26.34 -0.46 0.00	27.85 -0.51 0.00	30.59 -0.75 0.00	33.25 -0.58 0.00	36.95 -0.64 0.00	37.06 -0.60 0.00	37.06 -0.60 0.00	36.99 -0.68 0.00	36.40 -0.67 0.00	37.14 -0.76 0.00	39.13 -0.84 0.00	37.40 -0.88 0.00	36.85 -0.71 0.00	35.75 -0.69 0.00	32.98 -0.50 0.00	30.18 -0.37 0.00	29.27 -0.21 0.00
BROWNSV1_27_KV_LOAD 356125	31.20 1.54 0.00	29.11 1.33 0.00	28.21 1.19 0.00	28.14 1.29 0.00	27.89 1.28 0.00	27.83 1.27 0.00	29.08 1.38 0.00	28.37 1.58 0.00	30.11 1.76 0.00	33.38 2.04 0.00	36.09 2.27 0.00	40.04 2.44 0.00	40.23 2.56 0.00	40.15 2.49 0.00	40.23 2.56 0.00	39.63 2.56 0.00	40.78 2.88 0.00	43.61 3.64 0.00	41.73 3.45 0.00	40.49 2.93 0.00	39.21 2.77 0.00	35.93 2.44 0.00	32.66 2.11 0.00	31.27 1.80 0.00
BURROWS___LYONSDAL 23803	29.95 0.30 0.00	28.02 0.25 0.00	27.24 0.22 0.00	27.07 0.21 0.00	26.80 0.19 0.00	26.79 0.24 0.00	27.94 0.25 0.00	27.01 0.21 0.00	28.55 0.20 0.00	31.53 0.19 0.00	34.23 0.41 0.00	38.12 0.53 0.00	38.38 0.72 0.00	38.38 0.72 0.00	38.27 0.60 0.00	37.70 0.63 0.00	38.66 0.76 0.00	40.93 0.96 0.00	39.01 0.73 0.00	38.16 0.60 0.00	36.98 0.55 0.00	33.99 0.50 0.00	30.97 0.43 0.00	29.85 0.38 0.00
CAITHNESS_CC_1 323624	35.76 2.02 -4.08	34.59 1.91 -4.90	32.51 1.78 -3.71	30.40 1.85 -1.70	29.55 1.83 -1.10	31.05 1.81 -2.70	29.70 2.00 -0.01	34.44 2.04 -5.61	40.76 2.27 -10.13	45.42 2.57 -11.51	52.08 2.87 -15.38	54.68 3.34 -13.75	55.64 3.09 -14.89	53.43 3.27 -12.49	53.47 3.16 -12.64	53.16 3.11 -12.97	55.02 3.64 -13.48	63.68 4.20 -19.51	60.71 4.02 -18.41	55.46 3.53 -14.36	53.71 3.35 -13.92	49.41 2.81 -13.11	47.23 2.57 -14.12	45.41 2.27 -13.67
CALPINE BETH_PAGE_GT4 24209	35.58 1.84 -4.08	34.34 1.67 -4.90	32.27 1.54 -3.71	30.14 1.58 -1.70	29.28 1.57 -1.10	30.81 1.57 -2.70	29.38 1.69 0.00	34.23 1.82 -5.61	40.50 2.01 -10.13	45.14 2.29 -11.51	51.74 2.54 -15.38	54.08 2.74 -13.75	55.41 2.86 -14.89	52.94 2.79 -12.49	53.13 2.82 -12.64	52.86 2.82 -12.97	54.53 3.15 -13.48	63.32 3.84 -19.51	60.33 3.64 -18.41	55.08 3.16 -14.36	53.35 2.99 -13.92	49.28 2.68 -13.11	46.99 2.32 -14.12	45.21 2.06 -13.67
CALPINE_BETH_PAGE_GT_4 323586	35.61 1.87 -4.08	34.34 1.67 -4.90	32.27 1.54 -3.71	30.14 1.58 -1.70	29.28 1.57 -1.10	30.81 1.57 -2.70	29.39 1.69 -0.01	34.23 1.82 -5.61	40.50 2.01 -10.13	45.14 2.29 -11.51	51.74 2.54 -15.38	54.35 3.01 -13.75	55.41 2.86 -14.89	53.13 2.97 -12.49	53.13 2.83 -12.64	52.86 2.82 -12.97	54.53 3.14 -13.48	63.32 3.84 -19.51	60.33 3.64 -18.41	55.08 3.16 -14.36	53.31 2.95 -13.92	49.28 2.68 -13.11	46.98 2.32 -14.12	45.09 1.94 -13.67
CALPINE_BP_GT1 23823	35.61 1.87 -4.08	34.34 1.67 -4.90	32.27 1.54 -3.71	30.14 1.58 -1.70	29.28 1.57 -1.10	30.81 1.57 -2.70	29.39 1.69 -0.01	34.23 1.82 -5.61	40.50 2.01 -10.13	45.14 2.29 -11.51	51.74 2.54 -15.38	54.35 3.01 -13.75	55.41 2.86 -14.89	53.13 2.97 -12.49	53.13 2.83 -12.64	52.86 2.82 -12.97	54.53 3.14 -13.48	63.32 3.84 -19.51	60.33 3.64 -18.41	55.08 3.16 -14.36	53.31 2.95 -13.92	49.28 2.68 -13.11	46.98 2.32 -14.12	45.09 1.94 -13.67
CALSPAN___DRP 24200	27.70 -1.96 0.00	25.72 -2.06 0.00	24.97 -2.05 0.00	24.65 -2.20 0.00	24.51 -2.10 0.00	24.61 -1.94 0.00	25.62 -2.08 0.00	24.51 -2.28 0.00	26.31 -2.04 0.00	29.02 -2.32 0.00	30.51 -3.31 0.00	33.83 -3.76 0.00	33.71 -3.95 0.00	33.90 -3.77 0.00	33.94 -3.73 0.00	33.40 -3.67 0.00	34.60 -3.30 0.00	36.49 -3.48 0.00	35.03 -3.25 0.00	34.07 -3.49 0.00	32.83 -3.61 0.00	30.27 -3.21 0.00	27.89 -2.66 0.00	27.26 -2.21 0.00

CALVERTON___SOLAR 323806	35.87 2.14 -4.08	34.73 2.06 -4.90	32.65 1.92 -3.71	30.54 1.99 -1.70	29.65 1.94 -1.10	31.18 1.94 -2.70	29.83 2.13 -0.01	34.57 2.17 -5.61	40.90 2.41 -10.13	45.57 2.73 -11.51	52.28 3.08 -15.38	54.87 3.53 -13.75	55.83 3.28 -14.89	53.62 3.46 -12.49	53.66 3.35 -12.64	53.34 3.30 -12.97	55.29 3.90 -13.48	63.88 4.40 -19.51	60.94 4.25 -18.41	55.65 3.72 -14.36	53.93 3.57 -13.92	49.58 2.98 -13.11	47.38 2.72 -14.12	45.59 2.44 -13.67
CANDIGU_WT_PWR 323617	28.71 -0.95 0.00	26.80 -0.97 0.00	26.05 -0.97 0.00	25.75 -1.10 0.00	25.58 -1.04 0.00	25.62 -0.93 0.00	26.72 -0.97 0.00	25.67 -1.12 0.00	27.45 -0.91 0.00	30.31 -1.03 0.00	32.20 -1.62 0.00	35.79 -1.80 0.00	35.71 -1.96 0.00	35.86 -1.81 0.00	35.82 -1.84 0.00	35.29 -1.78 0.00	36.38 -1.52 0.00	38.49 -1.48 0.00	36.87 -1.42 0.00	35.80 -1.76 0.00	34.69 -1.75 0.00	31.88 -1.61 0.00	29.23 -1.31 0.00	28.44 -1.03 0.00
CARR STREET_E_SYR 24060	28.94 -0.71 0.00	27.08 -0.69 0.00	26.32 -0.70 0.00	26.13 -0.72 0.00	25.92 -0.69 0.00	25.89 -0.66 0.00	27.03 -0.66 0.00	26.12 -0.67 0.00	27.71 -0.65 0.00	30.59 -0.75 0.00	32.81 -1.01 0.00	36.58 -1.01 0.00	36.54 -1.13 0.00	36.61 -1.05 0.00	36.57 -1.09 0.00	35.99 -1.08 0.00	36.95 -0.95 0.00	39.09 -0.88 0.00	37.36 -0.92 0.00	36.47 -1.09 0.00	35.38 -1.06 0.00	32.48 -1.00 0.00	29.75 -0.79 0.00	28.79 -0.68 0.00
CARTHAGE___PAPER 23857	29.18 -0.48 0.00	27.33 -0.45 0.00	26.57 -0.46 0.00	26.40 -0.46 0.00	26.11 -0.51 0.00	26.07 -0.48 0.00	27.17 -0.53 0.00	26.28 -0.51 0.00	27.79 -0.57 0.00	30.65 -0.69 0.00	33.32 -0.51 0.00	37.10 -0.49 0.00	37.33 -0.34 0.00	37.32 -0.34 0.00	37.21 -0.45 0.00	36.70 -0.37 0.00	37.64 -0.26 0.00	39.89 -0.08 0.00	37.97 -0.31 0.00	37.19 -0.38 0.00	36.07 -0.36 0.00	33.15 -0.33 0.00	30.18 -0.37 0.00	29.12 -0.35 0.00
CASSADAGA_WT_PWR 323784	28.29 -1.36 0.00	26.36 -1.42 0.00	25.59 -1.43 0.00	25.27 -1.58 0.00	25.07 -1.54 0.00	25.17 -1.38 0.00	26.20 -1.50 0.00	25.08 -1.72 0.00	26.88 -1.48 0.00	29.62 -1.72 0.00	31.15 -2.67 0.00	34.55 -3.04 0.00	34.35 -3.31 0.00	34.54 -3.13 0.00	34.58 -3.09 0.00	34.03 -3.04 0.00	35.25 -2.65 0.00	37.21 -2.76 0.00	35.64 -2.64 0.00	34.67 -2.89 0.00	33.56 -2.88 0.00	30.91 -2.58 0.00	28.47 -2.08 0.00	28.00 -1.47 0.00
CE_DUNWOOD___DRP 24194	30.90 1.25 0.00	28.88 1.11 0.00	28.05 1.03 0.00	27.93 1.07 0.00	27.68 1.06 0.00	27.59 1.04 0.00	28.86 1.16 0.00	28.08 1.29 0.00	29.80 1.45 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.51 1.92 0.00	39.70 2.03 0.00	39.62 1.96 0.00	39.70 2.03 0.00	39.07 2.00 0.00	40.18 2.27 0.00	42.89 2.92 0.00	41.04 2.76 0.00	39.85 2.29 0.00	38.62 2.19 0.00	35.43 1.94 0.00	32.23 1.68 0.00	30.92 1.44 0.00
CE_MILLWOOD___DRP 24193	30.87 1.22 0.00	28.83 1.06 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.63 1.01 0.00	27.56 1.01 0.00	28.80 1.11 0.00	28.05 1.26 0.00	29.75 1.39 0.00	32.91 1.57 0.00	35.58 1.76 0.00	39.43 1.84 0.00	39.62 1.96 0.00	39.55 1.88 0.00	39.59 1.92 0.00	39.00 1.93 0.00	40.10 2.20 0.00	42.81 2.84 0.00	40.92 2.64 0.00	39.78 2.22 0.00	38.52 2.08 0.00	35.36 1.88 0.00	32.17 1.62 0.00	30.86 1.39 0.00
CE_NYC2_DRP 24202	31.02 1.36 0.00	28.94 1.17 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.21 1.42 0.00	29.92 1.56 0.00	33.19 1.85 0.00	35.89 2.06 0.00	39.77 2.18 0.00	40.00 2.34 0.00	39.88 2.22 0.00	40.00 2.34 0.00	39.41 2.34 0.00	40.52 2.62 0.00	43.37 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.95 2.51 0.00	35.73 2.24 0.00	32.47 1.92 0.00	31.09 1.62 0.00
CE_NYC_DRP 24195	30.93 1.28 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.68 1.06 0.00	27.61 1.06 0.00	28.86 1.16 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.13 1.79 0.00	35.79 1.96 0.00	39.70 2.11 0.00	39.89 2.22 0.00	39.81 2.15 0.00	39.89 2.22 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.21 3.24 0.00	41.31 3.02 0.00	40.12 2.55 0.00	38.84 2.40 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
CHAFFEE___LFGE 323603	27.64 -2.02 0.00	25.80 -1.97 0.00	25.08 -1.95 0.00	24.73 -2.12 0.00	24.59 -2.02 0.00	24.69 -1.86 0.00	25.70 -1.99 0.00	24.62 -2.17 0.00	26.40 -1.96 0.00	29.15 -2.19 0.00	30.68 -3.14 0.00	34.02 -3.57 0.00	33.90 -3.77 0.00	34.08 -3.58 0.00	34.12 -3.54 0.00	33.58 -3.49 0.00	34.79 -3.11 0.00	36.69 -3.28 0.00	35.18 -3.10 0.00	34.22 -3.34 0.00	33.05 -3.39 0.00	30.44 -3.05 0.00	28.04 -2.50 0.00	27.58 -1.89 0.00
CHATEAUG_35_KV_LOAD 355732	30.87 1.22 0.00	28.88 1.11 0.00	28.08 1.05 0.00	27.88 1.02 0.00	27.63 1.01 0.00	27.64 1.09 0.00	28.44 0.75 0.00	27.51 0.72 0.00	29.09 0.74 0.00	32.16 0.81 0.00	34.84 1.01 0.00	38.57 0.98 0.00	38.68 1.02 0.00	38.60 0.94 0.00	38.64 0.98 0.00	37.96 0.89 0.00	38.58 0.68 0.00	40.41 0.44 0.00	38.74 0.46 0.00	38.39 0.83 0.00	37.24 0.80 0.00	34.19 0.70 0.00	31.16 0.61 0.00	30.41 0.94 0.00
CHATEAUG_WT_PWR 323614	30.69 1.04 0.00	28.80 1.03 0.00	28.00 0.97 0.00	27.82 0.97 0.00	27.57 0.96 0.00	27.56 1.01 0.00	28.36 0.66 0.00	27.43 0.64 0.00	28.98 0.62 0.00	32.03 0.69 0.00	34.70 0.88 0.00	38.27 0.68 0.00	38.57 0.90 0.00	38.34 0.68 0.00	38.49 0.83 0.00	37.85 0.78 0.00	38.43 0.53 0.00	40.29 0.32 0.00	38.66 0.38 0.00	38.24 0.68 0.00	37.09 0.66 0.00	34.06 0.57 0.00	31.01 0.46 0.00	30.35 0.88 0.00
CHAT_HIGH_FALL_HYD 323578	30.87 1.22 0.00	28.88 1.11 0.00	28.08 1.05 0.00	27.88 1.02 0.00	27.63 1.01 0.00	27.64 1.09 0.00	28.44 0.75 0.00	27.51 0.72 0.00	29.09 0.74 0.00	32.16 0.81 0.00	34.84 1.01 0.00	38.57 0.98 0.00	38.68 1.02 0.00	38.60 0.94 0.00	38.64 0.98 0.00	37.96 0.89 0.00	38.58 0.68 0.00	40.41 0.44 0.00	38.74 0.46 0.00	38.39 0.83 0.00	37.24 0.80 0.00	34.19 0.70 0.00	31.16 0.61 0.00	30.41 0.94 0.00
CHAUTAUQUA___LFGE 323629	27.91 -1.75 0.00	26.05 -1.72 0.00	25.30 -1.73 0.00	24.98 -1.88 0.00	24.80 -1.81 0.00	24.90 -1.65 0.00	25.92 -1.77 0.00	24.84 -1.95 0.00	26.66 -1.70 0.00	29.40 -1.94 0.00	30.92 -2.91 0.00	34.28 -3.31 0.00	34.16 -3.50 0.00	34.31 -3.35 0.00	34.39 -3.28 0.00	33.85 -3.23 0.00	35.02 -2.88 0.00	36.97 -3.00 0.00	35.41 -2.87 0.00	34.45 -3.12 0.00	33.30 -3.13 0.00	30.67 -2.81 0.00	28.26 -2.29 0.00	27.76 -1.71 0.00
CHERRYST_13_KV_LD 356241	31.02 1.36 0.00	28.94 1.17 0.00	28.08 1.05 0.00	27.98 1.13 0.00	27.76 1.14 0.00	27.69 1.14 0.00	28.94 1.25 0.00	28.24 1.45 0.00	29.94 1.59 0.00	33.22 1.88 0.00	35.89 2.06 0.00	39.81 2.22 0.00	40.00 2.34 0.00	39.92 2.26 0.00	40.00 2.34 0.00	39.37 2.30 0.00	40.52 2.62 0.00	43.33 3.36 0.00	41.42 3.14 0.00	40.23 2.67 0.00	38.95 2.51 0.00	35.70 2.21 0.00	32.47 1.92 0.00	31.09 1.62 0.00

CHESTROR_138KV_BK263 355645	30.61 0.95 0.00	28.61 0.83 0.00	27.81 0.78 0.00	27.66 0.81 0.00	27.41 0.80 0.00	27.35 0.80 0.00	28.58 0.89 0.00	27.76 0.96 0.00	29.43 1.08 0.00	32.56 1.22 0.00	35.18 1.35 0.00	39.02 1.43 0.00	39.17 1.51 0.00	39.13 1.47 0.00	39.13 1.47 0.00	38.55 1.48 0.00	39.64 1.74 0.00	42.25 2.28 0.00	40.43 2.14 0.00	39.29 1.73 0.00	38.08 1.64 0.00	34.96 1.47 0.00	31.83 1.28 0.00	30.56 1.09 0.00
CH_MIDHUDSON___DRP 24192	30.93 1.28 0.00	28.91 1.14 0.00	28.11 1.08 0.00	27.98 1.13 0.00	27.71 1.09 0.00	27.61 1.06 0.00	28.86 1.16 0.00	28.00 1.21 0.00	29.69 1.33 0.00	32.84 1.50 0.00	35.55 1.73 0.00	39.43 1.84 0.00	39.62 1.96 0.00	39.55 1.88 0.00	39.55 1.88 0.00	38.96 1.89 0.00	40.02 2.12 0.00	42.69 2.72 0.00	40.85 2.56 0.00	39.67 2.10 0.00	38.44 2.00 0.00	35.33 1.84 0.00	32.14 1.59 0.00	30.89 1.41 0.00
CH_MISC_IPPS 23765	31.05 1.39 0.00	28.99 1.22 0.00	28.16 1.13 0.00	28.04 1.18 0.00	27.73 1.12 0.00	27.67 1.11 0.00	28.91 1.22 0.00	28.05 1.26 0.00	29.77 1.42 0.00	32.94 1.60 0.00	35.65 1.83 0.00	39.77 2.18 0.00	39.74 2.07 0.00	39.85 2.18 0.00	39.66 1.99 0.00	39.07 2.00 0.00	40.17 2.27 0.00	42.85 2.88 0.00	41.00 2.72 0.00	39.82 2.25 0.00	38.55 2.11 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.89 1.41 0.00
CH_RES_BVR_FALLS 23983	29.72 0.06 0.00	27.86 0.08 0.00	27.11 0.08 0.00	26.94 0.08 0.00	26.69 0.08 0.00	26.63 0.08 0.00	27.72 0.03 0.00	26.82 0.03 0.00	28.36 0.00 0.00	31.31 -0.03 0.00	33.86 0.03 0.00	37.52 -0.08 0.00	37.67 0.00 0.00	37.59 -0.08 0.00	37.67 0.00 0.00	37.00 -0.07 0.00	37.67 -0.23 0.00	39.49 -0.48 0.00	37.86 -0.42 0.00	37.34 -0.22 0.00	36.26 -0.18 0.00	33.32 -0.17 0.00	30.37 -0.18 0.00	29.35 -0.12 0.00
CH_RES_NIAGARA 23895	26.25 -3.41 0.00	24.55 -3.22 0.00	23.84 -3.19 0.00	23.52 -3.33 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.07 -5.53 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.62 -5.45 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.15 -5.28 0.00	28.73 -4.76 0.00	26.51 -4.03 0.00	26.26 -3.21 0.00
CH_RES_SYRACUSE 23985	29.12 -0.53 0.00	27.24 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.87 -0.47 0.00	33.22 -0.61 0.00	37.03 -0.56 0.00	36.99 -0.68 0.00	37.10 -0.56 0.00	37.02 -0.64 0.00	36.48 -0.59 0.00	37.41 -0.49 0.00	39.57 -0.40 0.00	37.82 -0.46 0.00	36.92 -0.64 0.00	35.82 -0.62 0.00	32.89 -0.60 0.00	30.03 -0.52 0.00	29.00 -0.47 0.00
CLINTON_WT_PWR 323605	30.69 1.04 0.00	28.80 1.03 0.00	28.00 0.97 0.00	27.82 0.97 0.00	27.57 0.96 0.00	27.56 1.01 0.00	28.36 0.66 0.00	27.43 0.64 0.00	28.98 0.62 0.00	32.03 0.69 0.00	34.70 0.88 0.00	38.27 0.68 0.00	38.57 0.90 0.00	38.34 0.68 0.00	38.49 0.83 0.00	37.85 0.78 0.00	38.43 0.53 0.00	40.29 0.32 0.00	38.66 0.38 0.00	38.24 0.68 0.00	37.09 0.66 0.00	34.06 0.57 0.00	31.01 0.46 0.00	30.35 0.88 0.00
CLINTON___LFGE 323618	31.11 1.45 0.00	29.19 1.42 0.00	28.38 1.35 0.00	28.17 1.32 0.00	27.92 1.30 0.00	27.93 1.38 0.00	28.66 0.97 0.00	27.73 0.94 0.00	29.29 0.93 0.00	32.44 1.10 0.00	35.18 1.35 0.00	38.72 1.13 0.00	39.10 1.43 0.00	38.79 1.13 0.00	38.98 1.32 0.00	38.29 1.22 0.00	38.96 1.06 0.00	40.89 0.92 0.00	39.20 0.92 0.00	38.76 1.20 0.00	37.60 1.17 0.00	34.46 0.97 0.00	31.34 0.79 0.00	30.74 1.27 0.00
COBBLENY_34_KV_TB1 80064	27.79 -1.87 0.00	25.80 -1.97 0.00	25.05 -1.97 0.00	24.73 -2.12 0.00	24.59 -2.02 0.00	24.69 -1.86 0.00	25.70 -1.99 0.00	24.62 -2.17 0.00	26.40 -1.96 0.00	29.15 -2.19 0.00	30.68 -3.15 0.00	34.02 -3.57 0.00	33.90 -3.77 0.00	34.08 -3.58 0.00	34.12 -3.54 0.00	33.59 -3.48 0.00	34.79 -3.11 0.00	36.69 -3.28 0.00	35.22 -3.06 0.00	34.26 -3.31 0.00	33.01 -3.43 0.00	30.44 -3.05 0.00	28.04 -2.50 0.00	27.38 -2.09 0.00
COFFEEN___115KV_TB3 355620	29.24 -0.42 0.00	27.30 -0.47 0.00	26.54 -0.49 0.00	26.37 -0.48 0.00	26.08 -0.53 0.00	26.05 -0.50 0.00	27.20 -0.50 0.00	26.39 -0.40 0.00	27.90 -0.45 0.00	30.81 -0.53 0.00	33.49 -0.34 0.00	37.33 -0.26 0.00	37.51 -0.15 0.00	37.59 -0.08 0.00	37.40 -0.26 0.00	36.89 -0.19 0.00	37.90 0.00 0.00	40.25 0.28 0.00	38.28 0.00 0.00	37.38 -0.19 0.00	36.22 -0.22 0.00	33.25 -0.23 0.00	30.27 -0.27 0.00	29.15 -0.32 0.00
COLDSPRG_115KV_BK1 355956	28.83 -0.83 0.00	26.72 -1.06 0.00	25.97 -1.05 0.00	25.62 -1.24 0.00	25.47 -1.14 0.00	25.60 -0.96 0.00	26.64 -1.05 0.00	25.61 -1.18 0.00	27.48 -0.88 0.00	30.31 -1.03 0.00	31.93 -1.89 0.00	35.37 -2.22 0.00	35.25 -2.41 0.00	35.40 -2.26 0.00	35.48 -2.18 0.00	34.92 -2.15 0.00	36.16 -1.74 0.00	38.21 -1.76 0.00	36.56 -1.72 0.00	35.53 -2.03 0.00	34.29 -2.15 0.00	31.61 -1.88 0.00	29.08 -1.47 0.00	28.35 -1.12 0.00
COLONIE_LFGE___ 323577	30.87 1.22 0.00	28.89 1.11 0.00	28.11 1.08 0.00	27.96 1.10 0.00	27.68 1.07 0.00	27.59 1.03 0.00	28.83 1.14 0.00	27.86 1.07 0.00	29.43 1.08 0.00	32.56 1.22 0.00	35.24 1.42 0.00	39.36 1.77 0.00	39.28 1.62 0.00	39.40 1.73 0.00	39.25 1.58 0.00	38.63 1.56 0.00	39.65 1.74 0.00	42.01 2.04 0.00	40.20 1.91 0.00	39.18 1.61 0.00	37.97 1.53 0.00	34.93 1.44 0.00	31.83 1.28 0.00	30.62 1.15 0.00
COOPERNY_115KV_TB1 80082	30.34 0.68 0.00	28.38 0.61 0.00	27.59 0.57 0.00	27.45 0.59 0.00	27.20 0.59 0.00	27.14 0.58 0.00	28.36 0.66 0.00	27.51 0.72 0.00	29.18 0.82 0.00	32.28 0.94 0.00	34.84 1.01 0.00	38.64 1.05 0.00	38.80 1.13 0.00	38.75 1.09 0.00	38.80 1.13 0.00	38.18 1.11 0.00	39.23 1.33 0.00	41.73 1.76 0.00	39.89 1.61 0.00	38.84 1.28 0.00	37.64 1.20 0.00	34.59 1.11 0.00	31.52 0.98 0.00	30.30 0.83 0.00
COPENHAGEN_WT_PWR 323753	29.03 -0.62 0.00	27.16 -0.61 0.00	26.40 -0.62 0.00	26.24 -0.62 0.00	25.95 -0.66 0.00	25.91 -0.64 0.00	27.03 -0.66 0.00	26.20 -0.59 0.00	27.71 -0.65 0.00	30.59 -0.75 0.00	33.22 -0.61 0.00	37.07 -0.53 0.00	37.21 -0.45 0.00	37.25 -0.41 0.00	37.10 -0.56 0.00	36.59 -0.48 0.00	37.56 -0.34 0.00	39.85 -0.12 0.00	37.94 -0.35 0.00	37.04 -0.53 0.00	35.93 -0.51 0.00	32.99 -0.50 0.00	30.06 -0.49 0.00	28.97 -0.50 0.00
CORNELL_____ 23752	29.95 0.30 0.00	27.97 0.19 0.00	27.21 0.19 0.00	26.99 0.13 0.00	26.75 0.13 0.00	26.76 0.21 0.00	27.97 0.28 0.00	27.03 0.24 0.00	28.70 0.34 0.00	31.72 0.38 0.00	34.10 0.27 0.00	38.01 0.41 0.00	38.00 0.34 0.00	38.04 0.38 0.00	38.04 0.38 0.00	37.48 0.41 0.00	38.55 0.64 0.00	40.89 0.92 0.00	39.05 0.77 0.00	38.01 0.45 0.00	36.88 0.44 0.00	33.82 0.33 0.00	30.85 0.31 0.00	29.74 0.27 0.00

CORONA V_69_KV_TB1 355595	35.64 1.90 -4.08	34.37 1.69 -4.90	32.30 1.57 -3.71	30.16 1.61 -1.70	29.31 1.60 -1.10	30.84 1.59 -2.70	29.41 1.72 0.00	34.25 1.85 -5.61	40.53 2.04 -10.13	45.14 2.29 -11.51	51.67 2.47 -15.38	54.01 2.67 -13.75	55.34 2.79 -14.89	52.87 2.71 -12.49	53.05 2.75 -12.64	52.78 2.74 -12.97	54.42 3.03 -13.48	63.24 3.76 -19.51	60.22 3.52 -18.41	54.97 3.04 -14.36	53.24 2.88 -13.92	49.18 2.58 -13.11	47.02 2.35 -14.12	45.18 2.03 -13.67
CORTLAND_115KV_TB3 80093	29.72 0.06 0.00	27.77 0.00 0.00	27.03 0.00 0.00	26.83 -0.03 0.00	26.59 -0.03 0.00	26.58 0.03 0.00	27.75 0.06 0.00	26.84 0.05 0.00	28.47 0.11 0.00	31.50 0.16 0.00	33.89 0.07 0.00	37.70 0.11 0.00	37.78 0.11 0.00	37.78 0.11 0.00	37.78 0.11 0.00	37.22 0.15 0.00	38.24 0.34 0.00	40.49 0.52 0.00	38.70 0.42 0.00	37.71 0.15 0.00	36.55 0.11 0.00	33.55 0.07 0.00	30.61 0.06 0.00	29.50 0.03 0.00
COXSACKIE__GT 23611	31.85 2.19 0.00	29.77 2.00 0.00	28.97 1.95 0.00	28.76 1.91 0.00	28.42 1.81 0.00	28.38 1.83 0.00	29.63 1.94 0.00	28.40 1.61 0.00	29.91 1.56 0.00	33.00 1.66 0.00	35.79 1.96 0.00	39.96 2.37 0.00	39.89 2.22 0.00	40.00 2.34 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.36 2.46 0.00	42.97 3.00 0.00	41.15 2.87 0.00	39.89 2.33 0.00	38.59 2.15 0.00	35.56 2.08 0.00	32.38 1.83 0.00	31.36 1.89 0.00
CPV_VALLEY__CC1 323721	30.43 0.77 0.00	28.44 0.67 0.00	27.65 0.62 0.00	27.50 0.64 0.00	27.25 0.64 0.00	27.16 0.61 0.00	28.41 0.72 0.00	27.57 0.78 0.00	29.24 0.88 0.00	32.34 1.00 0.00	34.94 1.11 0.00	38.94 1.35 0.00	38.91 1.24 0.00	38.98 1.32 0.00	38.87 1.20 0.00	38.29 1.22 0.00	39.34 1.44 0.00	41.93 1.96 0.00	40.08 1.80 0.00	38.99 1.43 0.00	37.79 1.35 0.00	34.69 1.20 0.00	31.62 1.07 0.00	30.30 0.82 0.00
CPV_VALLEY__CC2 323722	30.43 0.77 0.00	28.44 0.67 0.00	27.65 0.62 0.00	27.50 0.64 0.00	27.25 0.64 0.00	27.16 0.61 0.00	28.41 0.72 0.00	27.57 0.78 0.00	29.24 0.88 0.00	32.34 1.00 0.00	34.94 1.11 0.00	38.94 1.35 0.00	38.91 1.24 0.00	38.98 1.32 0.00	38.87 1.20 0.00	38.29 1.22 0.00	39.34 1.44 0.00	41.93 1.96 0.00	40.08 1.80 0.00	38.99 1.43 0.00	37.79 1.35 0.00	34.69 1.20 0.00	31.62 1.07 0.00	30.30 0.82 0.00
CRESCENT__HYD 24018	30.87 1.22 0.00	28.89 1.11 0.00	28.11 1.08 0.00	27.96 1.10 0.00	27.68 1.07 0.00	27.59 1.03 0.00	28.83 1.14 0.00	27.86 1.07 0.00	29.43 1.08 0.00	32.56 1.22 0.00	35.24 1.42 0.00	39.36 1.77 0.00	39.28 1.62 0.00	39.40 1.73 0.00	39.25 1.58 0.00	38.63 1.56 0.00	39.65 1.74 0.00	42.01 2.04 0.00	40.20 1.91 0.00	39.18 1.61 0.00	37.97 1.53 0.00	34.93 1.44 0.00	31.83 1.28 0.00	30.62 1.15 0.00
CRICKET__VALLEY_CC1 323756	30.90 1.25 0.00	28.89 1.11 0.00	28.05 1.03 0.00	27.93 1.08 0.00	27.68 1.07 0.00	27.59 1.03 0.00	28.83 1.14 0.00	27.97 1.18 0.00	29.60 1.25 0.00	32.75 1.41 0.00	35.41 1.59 0.00	39.55 1.95 0.00	39.47 1.81 0.00	39.58 1.92 0.00	39.44 1.77 0.00	38.85 1.78 0.00	39.87 1.97 0.00	42.45 2.48 0.00	40.62 2.34 0.00	39.48 1.91 0.00	38.30 1.86 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.71 1.24 0.00
CRICKET__VALLEY_CC2 323757	30.90 1.25 0.00	28.89 1.11 0.00	28.05 1.03 0.00	27.93 1.08 0.00	27.68 1.07 0.00	27.59 1.03 0.00	28.83 1.14 0.00	27.97 1.18 0.00	29.60 1.25 0.00	32.75 1.41 0.00	35.41 1.59 0.00	39.55 1.95 0.00	39.47 1.81 0.00	39.58 1.92 0.00	39.44 1.77 0.00	38.85 1.78 0.00	39.87 1.97 0.00	42.45 2.48 0.00	40.62 2.34 0.00	39.48 1.91 0.00	38.30 1.86 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.71 1.24 0.00
CRICKET__VALLEY_CC3 323758	30.90 1.25 0.00	28.89 1.11 0.00	28.05 1.03 0.00	27.93 1.08 0.00	27.68 1.07 0.00	27.59 1.03 0.00	28.83 1.14 0.00	27.97 1.18 0.00	29.60 1.25 0.00	32.75 1.41 0.00	35.41 1.59 0.00	39.55 1.95 0.00	39.47 1.81 0.00	39.58 1.92 0.00	39.44 1.77 0.00	38.85 1.78 0.00	39.87 1.97 0.00	42.45 2.48 0.00	40.62 2.34 0.00	39.48 1.91 0.00	38.30 1.86 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.71 1.24 0.00
CRUCIBLE_METL_DRP 24180	29.15 -0.50 0.00	27.25 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.87 -0.47 0.00	33.22 -0.61 0.00	36.99 -0.60 0.00	36.99 -0.68 0.00	37.06 -0.60 0.00	37.02 -0.64 0.00	36.48 -0.59 0.00	37.41 -0.49 0.00	39.57 -0.40 0.00	37.82 -0.46 0.00	36.92 -0.64 0.00	35.82 -0.62 0.00	32.88 -0.60 0.00	30.00 -0.55 0.00	28.91 -0.56 0.00
DAHOWA__HYDRO 323763	31.20 1.54 0.00	29.19 1.42 0.00	28.40 1.38 0.00	28.22 1.37 0.00	27.94 1.33 0.00	27.85 1.30 0.00	29.11 1.41 0.00	28.16 1.37 0.00	29.83 1.47 0.00	33.06 1.72 0.00	35.82 2.00 0.00	40.07 2.48 0.00	40.00 2.34 0.00	40.07 2.41 0.00	39.89 2.22 0.00	39.29 2.22 0.00	40.33 2.43 0.00	42.73 2.76 0.00	40.89 2.60 0.00	39.82 2.25 0.00	38.51 2.08 0.00	35.39 1.91 0.00	32.17 1.62 0.00	30.94 1.47 0.00
DANC__LFGE 323619	28.86 -0.80 0.00	27.00 -0.78 0.00	26.24 -0.78 0.00	26.08 -0.78 0.00	25.79 -0.83 0.00	25.76 -0.80 0.00	26.86 -0.83 0.00	26.01 -0.78 0.00	27.56 -0.79 0.00	30.43 -0.91 0.00	32.98 -0.84 0.00	36.80 -0.79 0.00	36.87 -0.79 0.00	36.91 -0.75 0.00	36.76 -0.90 0.00	36.22 -0.85 0.00	37.18 -0.72 0.00	39.41 -0.56 0.00	37.59 -0.69 0.00	36.70 -0.86 0.00	35.60 -0.84 0.00	32.72 -0.77 0.00	29.85 -0.70 0.00	28.76 -0.71 0.00
DANSKAMMER__1 23586	31.05 1.39 0.00	28.99 1.22 0.00	28.16 1.13 0.00	28.04 1.18 0.00	27.73 1.12 0.00	27.67 1.11 0.00	28.91 1.22 0.00	28.05 1.26 0.00	29.77 1.42 0.00	32.94 1.60 0.00	35.65 1.83 0.00	39.77 2.18 0.00	39.74 2.07 0.00	39.85 2.18 0.00	39.66 1.99 0.00	39.07 2.00 0.00	40.17 2.27 0.00	42.85 2.88 0.00	41.00 2.72 0.00	39.82 2.25 0.00	38.55 2.11 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.89 1.41 0.00
DANSKAMMER__2 23589	31.05 1.39 0.00	28.99 1.22 0.00	28.16 1.13 0.00	28.04 1.18 0.00	27.73 1.12 0.00	27.67 1.11 0.00	28.91 1.22 0.00	28.05 1.26 0.00	29.77 1.42 0.00	32.94 1.60 0.00	35.65 1.83 0.00	39.77 2.18 0.00	39.74 2.07 0.00	39.85 2.18 0.00	39.66 1.99 0.00	39.07 2.00 0.00	40.17 2.27 0.00	42.85 2.88 0.00	41.00 2.72 0.00	39.82 2.25 0.00	38.55 2.11 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.89 1.41 0.00
DANSKAMMER__3 23590	31.05 1.39 0.00	28.99 1.22 0.00	28.16 1.13 0.00	28.04 1.18 0.00	27.73 1.12 0.00	27.67 1.11 0.00	28.91 1.22 0.00	28.05 1.26 0.00	29.77 1.42 0.00	32.94 1.60 0.00	35.65 1.83 0.00	39.77 2.18 0.00	39.74 2.07 0.00	39.85 2.18 0.00	39.66 1.99 0.00	39.07 2.00 0.00	40.17 2.27 0.00	42.85 2.88 0.00	41.00 2.72 0.00	39.82 2.25 0.00	38.55 2.11 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.89 1.41 0.00

DANSKAMMER___4 23591	31.05 1.39 0.00	28.99 1.22 0.00	28.16 1.13 0.00	28.04 1.18 0.00	27.73 1.12 0.00	27.67 1.11 0.00	28.91 1.22 0.00	28.05 1.26 0.00	29.77 1.42 0.00	32.94 1.60 0.00	35.65 1.83 0.00	39.77 2.18 0.00	39.74 2.07 0.00	39.85 2.18 0.00	39.66 1.99 0.00	39.07 2.00 0.00	40.17 2.27 0.00	42.85 2.88 0.00	41.00 2.72 0.00	39.82 2.25 0.00	38.55 2.11 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.89 1.41 0.00
DANSKAMMER___DIESEL 23592	31.02 1.36 0.00	29.00 1.22 0.00	28.16 1.14 0.00	28.04 1.18 0.00	27.73 1.12 0.00	27.67 1.12 0.00	28.91 1.22 0.00	28.05 1.26 0.00	29.77 1.42 0.00	32.94 1.60 0.00	35.62 1.79 0.00	39.55 1.95 0.00	39.74 2.07 0.00	39.66 2.00 0.00	39.66 2.00 0.00	39.07 2.00 0.00	40.18 2.27 0.00	42.85 2.88 0.00	41.00 2.72 0.00	39.82 2.25 0.00	38.55 2.11 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.97 1.50 0.00
DARBY___SOLAR 323810	31.14 1.48 0.00	29.13 1.36 0.00	28.35 1.32 0.00	28.17 1.32 0.00	27.89 1.28 0.00	27.80 1.25 0.00	29.05 1.36 0.00	28.08 1.29 0.00	29.77 1.42 0.00	32.97 1.63 0.00	35.72 1.89 0.00	39.96 2.37 0.00	39.85 2.18 0.00	39.96 2.30 0.00	39.77 2.11 0.00	39.15 2.07 0.00	40.17 2.27 0.00	42.61 2.64 0.00	40.77 2.49 0.00	39.70 2.14 0.00	38.40 1.97 0.00	35.29 1.81 0.00	32.10 1.56 0.00	30.89 1.41 0.00
DASHVILLE___HYD 23610	30.58 0.92 0.00	28.55 0.78 0.00	27.73 0.70 0.00	27.61 0.75 0.00	27.33 0.72 0.00	27.24 0.69 0.00	28.50 0.80 0.00	27.62 0.83 0.00	29.35 0.99 0.00	32.47 1.13 0.00	35.14 1.32 0.00	38.95 1.35 0.00	39.13 1.47 0.00	39.09 1.43 0.00	39.13 1.47 0.00	38.55 1.48 0.00	39.61 1.71 0.00	42.33 2.36 0.00	40.50 2.22 0.00	39.29 1.73 0.00	38.08 1.64 0.00	34.99 1.51 0.00	31.83 1.28 0.00	30.53 1.06 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.35 2.61 -4.08	35.23 2.56 -4.90	33.11 2.38 -3.71	30.97 2.42 -1.70	30.11 2.40 -1.10	31.64 2.39 -2.70	30.27 2.58 0.00	35.06 2.65 -5.61	41.44 2.95 -10.13	46.17 3.32 -11.51	52.96 3.75 -15.38	55.44 4.10 -13.75	56.62 4.07 -14.89	54.22 4.07 -12.49	54.45 4.14 -12.64	54.04 4.00 -12.97	56.01 4.62 -13.48	64.72 5.24 -19.51	61.75 5.05 -18.41	56.43 4.51 -14.36	54.66 4.30 -13.92	50.18 3.58 -13.11	47.90 3.24 -14.12	46.21 3.07 -13.67
DELAWARE___LFGE 323621	30.34 0.68 0.00	28.41 0.64 0.00	27.67 0.65 0.00	27.53 0.67 0.00	27.25 0.64 0.00	27.19 0.64 0.00	28.41 0.72 0.00	27.54 0.75 0.00	29.21 0.85 0.00	32.28 0.94 0.00	34.87 1.05 0.00	38.76 1.17 0.00	38.87 1.21 0.00	38.83 1.17 0.00	38.80 1.13 0.00	38.22 1.15 0.00	39.23 1.33 0.00	41.69 1.72 0.00	39.81 1.53 0.00	38.80 1.24 0.00	37.60 1.17 0.00	34.53 1.04 0.00	31.46 0.92 0.00	30.27 0.80 0.00
DERFIELD_115KV_TB7 355931	29.86 0.21 0.00	27.97 0.19 0.00	27.21 0.19 0.00	27.07 0.21 0.00	26.80 0.19 0.00	26.74 0.19 0.00	27.92 0.22 0.00	27.01 0.21 0.00	28.55 0.20 0.00	31.56 0.22 0.00	34.13 0.30 0.00	37.93 0.34 0.00	38.04 0.38 0.00	38.04 0.38 0.00	38.00 0.34 0.00	37.40 0.33 0.00	38.32 0.42 0.00	40.53 0.56 0.00	38.78 0.50 0.00	37.94 0.38 0.00	36.77 0.33 0.00	33.79 0.30 0.00	30.82 0.27 0.00	29.71 0.24 0.00
DOGLEVILLE___HYD 23807	31.11 1.45 0.00	29.11 1.33 0.00	28.30 1.27 0.00	28.09 1.24 0.00	27.78 1.17 0.00	27.67 1.11 0.00	28.86 1.16 0.00	27.94 1.15 0.00	29.55 1.19 0.00	32.69 1.35 0.00	35.35 1.52 0.00	39.43 1.84 0.00	39.51 1.85 0.00	39.58 1.92 0.00	39.55 1.88 0.00	38.92 1.85 0.00	39.91 2.01 0.00	42.21 2.24 0.00	40.31 2.03 0.00	39.44 1.88 0.00	38.22 1.79 0.00	35.16 1.67 0.00	32.07 1.53 0.00	30.89 1.41 0.00
DUNKIRK___115KV_TB_200 55889	28.03 -1.63 0.00	26.00 -1.78 0.00	25.27 -1.76 0.00	24.92 -1.93 0.00	24.78 -1.84 0.00	24.88 -1.67 0.00	25.89 -1.80 0.00	24.81 -1.98 0.00	26.63 -1.73 0.00	29.37 -1.97 0.00	30.88 -2.94 0.00	34.25 -3.35 0.00	34.12 -3.54 0.00	34.27 -3.39 0.00	34.35 -3.31 0.00	33.81 -3.26 0.00	34.98 -2.92 0.00	36.93 -3.04 0.00	35.41 -2.87 0.00	34.45 -3.12 0.00	33.23 -3.21 0.00	30.64 -2.85 0.00	28.23 -2.32 0.00	27.56 -1.92 0.00
DUNKIRK___1 23563	28.03 -1.63 0.00	26.00 -1.78 0.00	25.27 -1.76 0.00	24.92 -1.93 0.00	24.78 -1.84 0.00	24.88 -1.67 0.00	25.89 -1.80 0.00	24.81 -1.98 0.00	26.63 -1.73 0.00	29.37 -1.97 0.00	30.88 -2.94 0.00	34.25 -3.35 0.00	34.12 -3.54 0.00	34.27 -3.39 0.00	34.35 -3.31 0.00	33.81 -3.26 0.00	34.98 -2.92 0.00	36.93 -3.04 0.00	35.41 -2.87 0.00	34.45 -3.12 0.00	33.23 -3.21 0.00	30.64 -2.85 0.00	28.23 -2.32 0.00	27.56 -1.92 0.00
DUNKIRK___2 23564	28.03 -1.63 0.00	26.00 -1.78 0.00	25.27 -1.76 0.00	24.92 -1.93 0.00	24.78 -1.84 0.00	24.88 -1.67 0.00	25.89 -1.80 0.00	24.81 -1.98 0.00	26.63 -1.73 0.00	29.37 -1.97 0.00	30.88 -2.94 0.00	34.25 -3.35 0.00	34.12 -3.54 0.00	34.27 -3.39 0.00	34.35 -3.31 0.00	33.81 -3.26 0.00	34.98 -2.92 0.00	36.93 -3.04 0.00	35.41 -2.87 0.00	34.45 -3.12 0.00	33.23 -3.21 0.00	30.64 -2.85 0.00	28.23 -2.32 0.00	27.56 -1.92 0.00
DUNKIRK___3 23565	27.91 -1.75 0.00	25.91 -1.86 0.00	25.19 -1.84 0.00	24.84 -2.01 0.00	24.72 -1.89 0.00	24.80 -1.75 0.00	25.84 -1.86 0.00	24.75 -2.04 0.00	26.60 -1.76 0.00	29.30 -2.04 0.00	30.85 -2.98 0.00	34.17 -3.42 0.00	34.05 -3.62 0.00	34.20 -3.46 0.00	34.28 -3.39 0.00	33.73 -3.34 0.00	34.91 -2.99 0.00	36.85 -3.12 0.00	35.33 -2.95 0.00	34.37 -3.19 0.00	33.16 -3.28 0.00	30.57 -2.91 0.00	28.13 -2.41 0.00	27.47 -2.00 0.00
DUNKIRK___4 23566	27.91 -1.75 0.00	25.88 -1.89 0.00	25.16 -1.86 0.00	24.81 -2.04 0.00	24.70 -1.92 0.00	24.80 -1.75 0.00	25.81 -1.88 0.00	24.70 -2.09 0.00	26.51 -1.84 0.00	29.24 -2.10 0.00	30.75 -3.08 0.00	34.10 -3.50 0.00	33.97 -3.69 0.00	34.12 -3.54 0.00	34.20 -3.47 0.00	33.66 -3.41 0.00	34.83 -3.07 0.00	36.77 -3.20 0.00	35.26 -3.02 0.00	34.30 -3.27 0.00	33.09 -3.35 0.00	30.51 -2.98 0.00	28.10 -2.44 0.00	27.44 -2.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.96 1.30 0.00	28.91 1.14 0.00	28.08 1.05 0.00	27.98 1.13 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.91 1.22 0.00	28.13 1.34 0.00	29.83 1.47 0.00	33.03 1.69 0.00	35.72 1.89 0.00	39.58 1.99 0.00	39.77 2.11 0.00	39.70 2.03 0.00	39.77 2.11 0.00	39.18 2.11 0.00	40.29 2.39 0.00	43.01 3.04 0.00	41.12 2.83 0.00	39.93 2.37 0.00	38.70 2.26 0.00	35.53 2.04 0.00	32.32 1.77 0.00	30.97 1.50 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.78 1.13 0.00	28.77 1.00 0.00	27.94 0.92 0.00	27.82 0.97 0.00	27.55 0.93 0.00	27.45 0.90 0.00	28.72 1.02 0.00	27.86 1.07 0.00	29.58 1.22 0.00	32.72 1.38 0.00	35.35 1.52 0.00	39.25 1.65 0.00	39.40 1.73 0.00	39.36 1.69 0.00	39.36 1.69 0.00	38.78 1.71 0.00	39.87 1.97 0.00	42.53 2.56 0.00	40.69 2.41 0.00	39.52 1.95 0.00	38.30 1.86 0.00	35.16 1.67 0.00	32.01 1.47 0.00	30.74 1.27 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.36 0.71 0.01	28.32 0.56 0.01	27.53 0.51 0.01	27.47 0.62 0.01	27.23 0.61 0.00	27.08 0.53 0.00	28.32 0.64 0.01	27.67 0.88 0.01	29.34 0.99 0.01	32.52 1.19 0.01	35.20 1.39 0.01	39.13 1.54 0.01	39.31 1.66 0.01	39.20 1.54 0.01	39.28 1.62 0.01	38.69 1.63 0.01	39.83 1.93 0.01	42.56 2.60 0.01	40.69 2.41 0.01	39.55 1.99 0.01	38.25 1.82 0.01	35.02 1.54 0.01	31.79 1.25 0.01	30.41 0.94 0.00
E179THST_13_KV_LOAD 356214	30.45 0.80 0.01	28.43 0.67 0.01	27.61 0.59 0.01	27.55 0.70 0.01	27.31 0.69 0.00	27.19 0.64 0.00	28.41 0.72 0.01	27.75 0.96 0.01	29.45 1.11 0.01	32.65 1.32 0.01	35.34 1.52 0.01	39.28 1.69 0.01	39.47 1.81 0.01	39.39 1.73 0.01	39.47 1.81 0.01	38.84 1.78 0.01	40.02 2.12 0.01	42.76 2.80 0.01	40.88 2.60 0.01	39.73 2.18 0.01	38.43 2.00 0.01	35.15 1.67 0.01	31.91 1.37 0.01	30.50 1.03 0.00
EAST HAMPTON___GT 23717	36.70 2.97 -4.08	35.54 2.86 -4.90	33.41 2.68 -3.71	31.26 2.71 -1.70	30.40 2.69 -1.10	31.93 2.68 -2.70	30.58 2.88 -0.01	35.38 2.97 -5.61	41.78 3.29 -10.13	46.55 3.70 -11.51	53.36 4.16 -15.38	56.19 4.85 -13.75	57.14 4.59 -14.89	54.86 4.71 -12.49	54.90 4.59 -12.64	54.52 4.48 -12.97	56.62 5.23 -13.48	65.28 5.79 -19.51	62.29 5.59 -18.41	56.96 5.04 -14.36	55.09 4.73 -13.92	50.58 3.98 -13.11	48.27 3.60 -14.12	46.44 3.30 -13.67
EAST RIVER___6 23660	31.11 1.45 0.00	28.99 1.22 0.00	28.13 1.11 0.00	28.07 1.21 0.00	27.81 1.20 0.00	27.75 1.20 0.00	29.00 1.30 0.00	28.29 1.50 0.00	30.03 1.67 0.00	33.32 1.98 0.00	36.02 2.20 0.00	40.26 2.67 0.00	40.15 2.49 0.00	40.26 2.60 0.00	40.11 2.45 0.00	39.52 2.45 0.00	40.67 2.77 0.00	43.49 3.52 0.00	41.58 3.29 0.00	40.38 2.82 0.00	39.06 2.63 0.00	35.83 2.34 0.00	32.56 2.02 0.00	31.03 1.56 0.00
EAST RIVER___7 23524	31.11 1.45 0.00	28.99 1.22 0.00	28.13 1.11 0.00	28.07 1.21 0.00	27.81 1.20 0.00	27.75 1.20 0.00	29.00 1.30 0.00	28.29 1.50 0.00	30.03 1.67 0.00	33.32 1.98 0.00	36.02 2.20 0.00	40.26 2.67 0.00	40.15 2.49 0.00	40.26 2.60 0.00	40.11 2.45 0.00	39.52 2.45 0.00	40.67 2.77 0.00	43.49 3.52 0.00	41.58 3.29 0.00	40.38 2.82 0.00	39.06 2.63 0.00	35.83 2.34 0.00	32.56 2.02 0.00	31.03 1.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.90 1.25 0.00	28.88 1.11 0.00	28.05 1.03 0.00	27.93 1.07 0.00	27.68 1.06 0.00	27.59 1.04 0.00	28.86 1.16 0.00	28.08 1.29 0.00	29.80 1.45 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.51 1.92 0.00	39.70 2.03 0.00	39.62 1.96 0.00	39.70 2.03 0.00	39.07 2.00 0.00	40.18 2.27 0.00	42.89 2.92 0.00	41.04 2.76 0.00	39.85 2.29 0.00	38.62 2.19 0.00	35.43 1.94 0.00	32.23 1.68 0.00	30.92 1.44 0.00
EAST_HAMPTON___DIESEL 23722	36.70 2.97 -4.08	35.56 2.89 -4.90	33.41 2.68 -3.71	31.29 2.74 -1.70	30.40 2.69 -1.10	31.96 2.71 -2.70	30.61 2.91 -0.01	35.38 2.97 -5.61	41.78 3.29 -10.13	46.58 3.73 -11.51	53.36 4.16 -15.38	56.22 4.88 -13.75	57.14 4.59 -14.89	54.90 4.75 -12.49	54.90 4.59 -12.64	54.52 4.48 -12.97	56.62 5.23 -13.48	65.28 5.79 -19.51	62.29 5.59 -18.41	56.96 5.04 -14.36	55.13 4.77 -13.92	50.58 3.98 -13.11	48.27 3.60 -14.12	46.44 3.30 -13.67
EAST_PULASKI___ESR 323781	28.80 -0.86 0.00	26.91 -0.86 0.00	26.16 -0.86 0.00	26.00 -0.86 0.00	25.74 -0.88 0.00	25.70 -0.85 0.00	26.81 -0.89 0.00	25.93 -0.86 0.00	27.48 -0.88 0.00	30.40 -0.94 0.00	32.84 -0.98 0.00	36.61 -0.98 0.00	36.65 -1.02 0.00	36.65 -1.02 0.00	36.57 -1.09 0.00	36.03 -1.04 0.00	36.99 -0.91 0.00	39.13 -0.84 0.00	37.40 -0.88 0.00	36.51 -1.05 0.00	35.38 -1.06 0.00	32.52 -0.97 0.00	29.69 -0.86 0.00	28.59 -0.88 0.00
EAST_RIVER___1 323558	30.96 1.30 0.00	28.89 1.11 0.00	28.03 1.00 0.00	27.93 1.08 0.00	27.68 1.07 0.00	27.61 1.06 0.00	28.86 1.16 0.00	28.18 1.39 0.00	29.86 1.50 0.00	33.13 1.79 0.00	35.79 1.96 0.00	40.00 2.41 0.00	39.89 2.22 0.00	40.00 2.34 0.00	39.89 2.22 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.21 3.24 0.00	41.31 3.02 0.00	40.12 2.56 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	30.89 1.41 0.00
EAST_RIVER___2 323559	31.11 1.45 0.00	28.99 1.22 0.00	28.13 1.11 0.00	28.07 1.21 0.00	27.81 1.20 0.00	27.75 1.20 0.00	29.00 1.30 0.00	28.29 1.50 0.00	30.03 1.67 0.00	33.32 1.98 0.00	36.02 2.20 0.00	40.26 2.67 0.00	40.15 2.49 0.00	40.26 2.60 0.00	40.11 2.45 0.00	39.52 2.45 0.00	40.67 2.77 0.00	43.49 3.52 0.00	41.58 3.29 0.00	40.38 2.82 0.00	39.06 2.63 0.00	35.83 2.34 0.00	32.56 2.02 0.00	31.03 1.56 0.00
EAST___DELAWARE_HYD 23607	31.11 1.45 0.00	29.05 1.28 0.00	28.21 1.19 0.00	28.07 1.21 0.00	27.76 1.14 0.00	27.72 1.17 0.00	29.00 1.30 0.00	28.08 1.29 0.00	29.86 1.50 0.00	33.00 1.66 0.00	35.68 1.86 0.00	39.81 2.22 0.00	39.74 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.18 2.11 0.00	40.33 2.43 0.00	43.09 3.12 0.00	41.23 2.95 0.00	40.00 2.44 0.00	38.74 2.30 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
EIGHT_POINT___WT_PWR 323820	29.00 -0.65 0.00	27.05 -0.72 0.00	26.27 -0.76 0.00	25.97 -0.89 0.00	25.76 -0.85 0.00	25.84 -0.72 0.00	26.89 -0.80 0.00	25.80 -0.99 0.00	27.59 -0.76 0.00	30.50 -0.84 0.00	32.34 -1.49 0.00	35.98 -1.62 0.00	35.86 -1.81 0.00	36.04 -1.62 0.00	35.97 -1.69 0.00	35.48 -1.59 0.00	36.65 -1.25 0.00	38.73 -1.24 0.00	37.10 -1.19 0.00	35.95 -1.61 0.00	34.87 -1.57 0.00	31.98 -1.51 0.00	29.32 -1.22 0.00	28.56 -0.91 0.00
ELBRIDGE_115KV_TB2 80188	28.97 -0.68 0.00	27.11 -0.67 0.00	26.35 -0.68 0.00	26.16 -0.70 0.00	25.95 -0.67 0.00	25.91 -0.64 0.00	27.06 -0.64 0.00	26.15 -0.64 0.00	27.73 -0.62 0.00	30.71 -0.63 0.00	33.01 -0.81 0.00	36.76 -0.83 0.00	36.76 -0.90 0.00	36.80 -0.87 0.00	36.80 -0.87 0.00	36.25 -0.82 0.00	37.18 -0.72 0.00	39.33 -0.64 0.00	37.63 -0.65 0.00	36.74 -0.83 0.00	35.60 -0.84 0.00	32.68 -0.80 0.00	29.84 -0.70 0.00	28.76 -0.71 0.00
ELEC_TRO_TEK 24086	35.46 1.72 -4.08	34.23 1.56 -4.90	32.16 1.43 -3.71	30.06 1.50 -1.70	29.17 1.46 -1.10	30.71 1.46 -2.70	29.30 1.61 0.00	34.12 1.71 -5.61	40.39 1.90 -10.13	45.01 2.16 -11.51	51.57 2.37 -15.38	53.90 2.56 -13.75	55.23 2.67 -14.89	52.75 2.60 -12.49	52.94 2.64 -12.64	52.67 2.63 -12.97	54.30 2.92 -13.48	63.08 3.60 -19.51	60.10 3.41 -18.41	54.86 2.93 -14.36	53.13 2.77 -13.92	49.11 2.51 -13.11	46.83 2.17 -14.12	45.06 1.92 -13.67
ELLENBURG_WT_PWR 323604	30.69 1.04 0.00	28.80 1.03 0.00	28.00 0.97 0.00	27.82 0.97 0.00	27.57 0.96 0.00	27.56 1.01 0.00	28.36 0.66 0.00	27.43 0.64 0.00	28.98 0.62 0.00	32.03 0.69 0.00	34.70 0.88 0.00	38.27 0.68 0.00	38.57 0.90 0.00	38.34 0.68 0.00	38.49 0.83 0.00	37.85 0.78 0.00	38.43 0.53 0.00	40.29 0.32 0.00	38.66 0.38 0.00	38.24 0.68 0.00	37.09 0.66 0.00	34.06 0.57 0.00	31.01 0.46 0.00	30.35 0.88 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.46 -2.19 0.00	25.50 -2.28 0.00	24.76 -2.27 0.00	24.44 -2.42 0.00	24.33 -2.29 0.00	24.40 -2.15 0.00	25.40 -2.30 0.00	24.27 -2.52 0.00	26.06 -2.30 0.00	28.74 -2.60 0.00	30.21 -3.62 0.00	33.49 -4.10 0.00	33.37 -4.29 0.00	33.52 -4.14 0.00	33.60 -4.07 0.00	33.07 -4.00 0.00	34.22 -3.68 0.00	36.09 -3.88 0.00	34.65 -3.64 0.00	33.69 -3.87 0.00	32.50 -3.94 0.00	29.97 -3.52 0.00	27.61 -2.93 0.00	27.03 -2.45 0.00
EMPIRE_CC_1 323656	30.63 0.98 0.00	28.69 0.92 0.00	27.92 0.89 0.00	27.77 0.91 0.00	27.49 0.88 0.00	27.40 0.85 0.00	28.61 0.91 0.00	27.57 0.78 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.91 1.08 0.00	38.94 1.35 0.00	38.87 1.20 0.00	38.98 1.32 0.00	38.83 1.17 0.00	38.22 1.15 0.00	39.19 1.29 0.00	41.45 1.48 0.00	39.66 1.38 0.00	38.65 1.09 0.00	37.46 1.02 0.00	34.63 1.14 0.00	31.55 1.01 0.00	30.39 0.91 0.00
EMPIRE_CC_2 323658	30.63 0.98 0.00	28.69 0.92 0.00	27.92 0.89 0.00	27.77 0.91 0.00	27.49 0.88 0.00	27.40 0.85 0.00	28.61 0.91 0.00	27.57 0.78 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.91 1.08 0.00	38.94 1.35 0.00	38.87 1.20 0.00	38.98 1.32 0.00	38.83 1.17 0.00	38.22 1.15 0.00	39.19 1.29 0.00	41.45 1.48 0.00	39.66 1.38 0.00	38.65 1.09 0.00	37.46 1.02 0.00	34.63 1.14 0.00	31.55 1.01 0.00	30.39 0.91 0.00
ENORWICH_115KV_TB1 80156	31.79 2.14 0.00	29.66 1.89 0.00	28.86 1.84 0.00	28.60 1.75 0.00	28.29 1.68 0.00	28.36 1.81 0.00	29.69 1.99 0.00	28.91 2.12 0.00	30.68 2.33 0.00	33.82 2.48 0.00	36.53 2.71 0.00	40.75 3.16 0.00	40.87 3.20 0.00	40.83 3.16 0.00	40.68 3.01 0.00	40.07 3.00 0.00	41.35 3.45 0.00	44.01 4.04 0.00	41.84 3.56 0.00	40.57 3.01 0.00	39.32 2.88 0.00	36.03 2.55 0.00	32.81 2.26 0.00	31.62 2.15 0.00
ERIE_ST__34_KV_TB1-2 80199	28.03 -1.63 0.00	25.97 -1.81 0.00	25.24 -1.78 0.00	24.90 -1.96 0.00	24.78 -1.84 0.00	24.90 -1.65 0.00	25.92 -1.77 0.00	24.86 -1.93 0.00	26.68 -1.67 0.00	29.43 -1.91 0.00	30.95 -2.88 0.00	34.32 -3.27 0.00	34.20 -3.47 0.00	34.35 -3.31 0.00	34.46 -3.20 0.00	33.92 -3.15 0.00	35.10 -2.80 0.00	37.05 -2.92 0.00	35.53 -2.76 0.00	34.56 -3.01 0.00	33.30 -3.13 0.00	30.71 -2.78 0.00	28.29 -2.26 0.00	27.59 -1.89 0.00
ERIE_WT_PWR 323693	27.55 -2.10 0.00	25.75 -2.03 0.00	25.00 -2.03 0.00	24.68 -2.17 0.00	24.54 -2.08 0.00	24.64 -1.91 0.00	25.64 -2.05 0.00	24.54 -2.25 0.00	26.31 -2.04 0.00	29.05 -2.29 0.00	30.51 -3.31 0.00	33.87 -3.72 0.00	33.75 -3.92 0.00	33.90 -3.77 0.00	33.98 -3.69 0.00	33.44 -3.63 0.00	34.60 -3.30 0.00	36.49 -3.48 0.00	35.03 -3.25 0.00	34.07 -3.49 0.00	32.90 -3.53 0.00	30.30 -3.18 0.00	27.95 -2.60 0.00	27.50 -1.97 0.00
ESPRGFLD_115KV_TB1 80157	30.16 0.50 0.00	28.22 0.44 0.00	27.48 0.46 0.00	27.29 0.43 0.00	27.01 0.40 0.00	26.98 0.42 0.00	28.22 0.53 0.00	27.41 0.62 0.00	29.12 0.77 0.00	32.25 0.91 0.00	34.91 1.08 0.00	38.91 1.32 0.00	38.95 1.28 0.00	38.91 1.24 0.00	38.87 1.21 0.00	38.29 1.22 0.00	39.38 1.48 0.00	41.89 1.92 0.00	39.97 1.68 0.00	38.92 1.35 0.00	37.64 1.20 0.00	34.53 1.04 0.00	31.37 0.82 0.00	30.15 0.68 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.92 0.27 0.00	27.94 0.17 0.00	27.19 0.16 0.00	26.96 0.11 0.00	26.72 0.11 0.00	26.74 0.19 0.00	27.94 0.25 0.00	27.01 0.21 0.00	28.67 0.31 0.00	31.69 0.34 0.00	34.06 0.24 0.00	37.93 0.34 0.00	37.97 0.30 0.00	38.00 0.34 0.00	38.00 0.34 0.00	37.40 0.33 0.00	38.51 0.61 0.00	40.81 0.84 0.00	39.01 0.73 0.00	37.98 0.41 0.00	36.80 0.36 0.00	33.79 0.30 0.00	30.82 0.27 0.00	29.71 0.24 0.00
ETNA____115KV_TB2 80207	29.92 0.27 0.00	27.94 0.17 0.00	27.19 0.16 0.00	26.96 0.11 0.00	26.72 0.11 0.00	26.74 0.19 0.00	27.94 0.25 0.00	27.01 0.21 0.00	28.67 0.31 0.00	31.69 0.34 0.00	34.06 0.24 0.00	37.93 0.34 0.00	37.97 0.30 0.00	38.00 0.34 0.00	38.00 0.34 0.00	37.40 0.33 0.00	38.51 0.61 0.00	40.81 0.84 0.00	39.01 0.73 0.00	37.98 0.41 0.00	36.80 0.36 0.00	33.79 0.30 0.00	30.82 0.27 0.00	29.71 0.24 0.00
EUCLID___115KV_TB2 356179	28.80 -0.86 0.00	26.94 -0.83 0.00	26.21 -0.81 0.00	26.02 -0.83 0.00	25.79 -0.83 0.00	25.78 -0.77 0.00	26.89 -0.80 0.00	25.99 -0.80 0.00	27.56 -0.79 0.00	30.49 -0.85 0.00	32.78 -1.05 0.00	36.46 -1.13 0.00	36.50 -1.17 0.00	36.53 -1.13 0.00	36.54 -1.13 0.00	35.96 -1.11 0.00	36.92 -0.99 0.00	39.01 -0.96 0.00	37.33 -0.96 0.00	36.44 -1.13 0.00	35.35 -1.09 0.00	32.45 -1.04 0.00	29.63 -0.92 0.00	28.56 -0.91 0.00
E_CANADA_CAP_HY 24051	30.07 0.41 0.00	28.16 0.39 0.00	27.40 0.38 0.00	27.23 0.38 0.00	26.93 0.32 0.00	26.90 0.34 0.00	28.14 0.44 0.00	27.27 0.48 0.00	28.98 0.62 0.00	32.09 0.75 0.00	34.77 0.95 0.00	38.94 1.35 0.00	38.83 1.17 0.00	38.90 1.24 0.00	38.79 1.13 0.00	38.22 1.15 0.00	39.38 1.48 0.00	41.81 1.84 0.00	39.96 1.68 0.00	38.88 1.31 0.00	37.57 1.13 0.00	34.42 0.94 0.00	31.25 0.70 0.00	30.00 0.53 0.00
E_CANADA_MHWK_HY 24050	31.11 1.45 0.00	29.11 1.33 0.00	28.30 1.27 0.00	28.09 1.24 0.00	27.78 1.17 0.00	27.67 1.11 0.00	28.86 1.16 0.00	27.94 1.15 0.00	29.55 1.19 0.00	32.69 1.35 0.00	35.35 1.52 0.00	39.43 1.84 0.00	39.51 1.85 0.00	39.58 1.92 0.00	39.55 1.88 0.00	38.92 1.85 0.00	39.91 2.01 0.00	42.21 2.24 0.00	40.31 2.03 0.00	39.44 1.88 0.00	38.22 1.79 0.00	35.16 1.67 0.00	32.07 1.53 0.00	30.89 1.41 0.00
E_FISHKILL___LBMP 23776	30.81 1.16 0.00	28.80 1.03 0.00	28.00 0.97 0.00	27.88 1.02 0.00	27.60 0.98 0.00	27.53 0.98 0.00	28.77 1.08 0.00	27.94 1.15 0.00	29.63 1.28 0.00	32.78 1.44 0.00	35.41 1.59 0.00	39.32 1.73 0.00	39.47 1.81 0.00	39.39 1.73 0.00	39.44 1.77 0.00	38.85 1.78 0.00	39.91 2.01 0.00	42.53 2.56 0.00	40.69 2.41 0.00	39.55 1.99 0.00	38.33 1.89 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.77 1.30 0.00
FALCON___SEABRD_CC1 323796	31.05 1.39 0.00	29.13 1.36 0.00	28.32 1.30 0.00	28.14 1.29 0.00	27.87 1.25 0.00	27.88 1.33 0.00	28.52 0.83 0.00	27.59 0.80 0.00	29.15 0.79 0.00	32.25 0.91 0.00	34.94 1.11 0.00	38.49 0.90 0.00	38.83 1.17 0.00	38.56 0.90 0.00	38.76 1.09 0.00	38.07 1.00 0.00	38.70 0.80 0.00	40.61 0.64 0.00	38.93 0.65 0.00	38.50 0.94 0.00	37.35 0.91 0.00	34.29 0.80 0.00	31.19 0.64 0.00	30.71 1.24 0.00
FALCON___SEABRD_CC2 323797	31.05 1.39 0.00	29.13 1.36 0.00	28.32 1.30 0.00	28.14 1.29 0.00	27.87 1.25 0.00	27.88 1.33 0.00	28.52 0.83 0.00	27.59 0.80 0.00	29.15 0.79 0.00	32.25 0.91 0.00	34.94 1.11 0.00	38.49 0.90 0.00	38.83 1.17 0.00	38.56 0.90 0.00	38.76 1.09 0.00	38.07 1.00 0.00	38.70 0.80 0.00	40.61 0.64 0.00	38.93 0.65 0.00	38.50 0.94 0.00	37.35 0.91 0.00	34.29 0.80 0.00	31.19 0.64 0.00	30.71 1.24 0.00

FAR ROCKAWAY___4 23548	35.84 2.11 -4.08	34.56 1.89 -4.90	32.49 1.76 -3.71	30.35 1.80 -1.70	29.49 1.78 -1.10	31.03 1.78 -2.70	29.60 1.91 0.00	34.47 2.06 -5.61	40.73 2.24 -10.13	45.39 2.54 -11.51	51.67 2.47 -15.38	54.08 2.74 -13.75	55.41 2.86 -14.89	52.90 2.75 -12.49	53.09 2.79 -12.64	52.78 2.74 -12.97	54.45 3.07 -13.48	63.28 3.80 -19.51	60.26 3.56 -18.41	55.04 3.12 -14.36	53.27 2.92 -13.92	49.21 2.61 -13.11	47.23 2.57 -14.12	45.41 2.27 -13.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.91 1.22 0.00	28.21 1.42 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.82 2.00 0.00	39.73 2.14 0.00	39.93 2.26 0.00	39.85 2.18 0.00	39.93 2.26 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.34 3.06 0.00	40.15 2.59 0.00	38.88 2.44 0.00	35.66 2.18 0.00	32.41 1.86 0.00	31.03 1.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.96 1.30 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.82 2.00 0.00	39.73 2.14 0.00	39.93 2.26 0.00	39.81 2.15 0.00	39.93 2.26 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.34 3.06 0.00	40.15 2.59 0.00	38.88 2.44 0.00	35.66 2.18 0.00	32.41 1.86 0.00	31.03 1.56 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.93 1.28 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.68 1.06 0.00	27.61 1.06 0.00	28.86 1.16 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.70 2.11 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.31 3.02 0.00	40.12 2.55 0.00	38.84 2.40 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
FARRAGUT___LBMP 323566	30.93 1.28 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.68 1.06 0.00	27.61 1.06 0.00	28.86 1.16 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.75 1.93 0.00	39.66 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.17 3.20 0.00	41.27 2.99 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.35 1.80 0.00	30.97 1.50 0.00
FENNER___WINDPWR 24204	30.04 0.38 0.00	28.11 0.33 0.00	27.32 0.30 0.00	27.15 0.30 0.00	26.91 0.29 0.00	26.90 0.34 0.00	28.08 0.39 0.00	27.19 0.40 0.00	28.81 0.45 0.00	31.87 0.53 0.00	34.43 0.61 0.00	38.34 0.75 0.00	38.38 0.71 0.00	38.45 0.79 0.00	38.38 0.71 0.00	37.77 0.70 0.00	38.73 0.83 0.00	41.01 1.04 0.00	39.12 0.84 0.00	38.20 0.64 0.00	37.02 0.58 0.00	33.99 0.50 0.00	31.01 0.46 0.00	29.91 0.44 0.00
FIBERTEK___ENERGY 23856	29.15 -0.50 0.00	27.25 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.87 -0.47 0.00	33.22 -0.61 0.00	36.99 -0.60 0.00	36.99 -0.68 0.00	37.06 -0.60 0.00	37.02 -0.64 0.00	36.48 -0.59 0.00	37.41 -0.49 0.00	39.57 -0.40 0.00	37.82 -0.46 0.00	36.92 -0.64 0.00	35.82 -0.62 0.00	32.88 -0.60 0.00	30.00 -0.55 0.00	28.91 -0.56 0.00
FITZPATRICK___ 23598	28.41 -1.24 0.00	26.61 -1.17 0.00	25.86 -1.16 0.00	25.70 -1.15 0.00	25.47 -1.14 0.00	25.44 -1.11 0.00	26.53 -1.16 0.00	25.67 -1.12 0.00	27.19 -1.16 0.00	30.05 -1.29 0.00	32.37 -1.45 0.00	36.05 -1.54 0.00	36.05 -1.62 0.00	36.08 -1.58 0.00	36.08 -1.58 0.00	35.51 -1.56 0.00	36.38 -1.52 0.00	38.45 -1.52 0.00	36.79 -1.49 0.00	35.99 -1.58 0.00	34.87 -1.57 0.00	32.05 -1.44 0.00	29.27 -1.28 0.00	28.26 -1.21 0.00
FLOWRFLD_69_KV_BK1 356044	35.90 2.16 -4.08	34.67 2.00 -4.90	32.62 1.89 -3.71	30.49 1.93 -1.70	29.63 1.92 -1.10	31.16 1.91 -2.70	29.77 2.08 0.00	34.57 2.17 -5.61	40.87 2.38 -10.13	45.58 2.73 -11.51	52.18 2.98 -15.38	54.53 3.20 -13.75	55.83 3.28 -14.89	53.39 3.24 -12.49	53.62 3.31 -12.64	53.34 3.30 -12.97	55.14 3.75 -13.48	63.92 4.44 -19.51	60.91 4.21 -18.41	55.65 3.72 -14.36	53.82 3.46 -13.92	49.68 3.08 -13.11	47.38 2.72 -14.12	45.59 2.45 -13.67
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.08 1.42 0.00	29.02 1.25 0.00	28.21 1.19 0.00	28.06 1.21 0.00	27.79 1.17 0.00	27.72 1.17 0.00	28.97 1.27 0.00	28.08 1.29 0.00	29.80 1.45 0.00	33.00 1.66 0.00	35.68 1.86 0.00	39.62 2.03 0.00	39.81 2.15 0.00	39.73 2.07 0.00	39.74 2.07 0.00	39.15 2.08 0.00	40.21 2.31 0.00	42.93 2.96 0.00	41.08 2.79 0.00	39.89 2.33 0.00	38.62 2.19 0.00	35.50 2.01 0.00	32.29 1.74 0.00	31.00 1.53 0.00
FORT ORANGE___ 23900	30.78 1.13 0.00	28.83 1.06 0.00	28.08 1.05 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.56 1.01 0.00	28.77 1.08 0.00	27.78 0.99 0.00	29.12 0.77 0.00	32.12 0.78 0.00	34.70 0.88 0.00	38.76 1.17 0.00	38.68 1.02 0.00	38.79 1.13 0.00	38.68 1.02 0.00	38.07 1.00 0.00	39.08 1.18 0.00	41.41 1.44 0.00	39.62 1.34 0.00	38.61 1.05 0.00	37.38 0.95 0.00	34.42 0.94 0.00	31.43 0.89 0.00	30.39 0.91 0.00
FORT_DRUM_COGEN 23780	29.15 -0.50 0.00	27.22 -0.56 0.00	26.46 -0.57 0.00	26.29 -0.56 0.00	26.00 -0.61 0.00	25.97 -0.58 0.00	27.08 -0.61 0.00	26.26 -0.54 0.00	27.76 -0.60 0.00	30.62 -0.72 0.00	33.32 -0.51 0.00	37.14 -0.45 0.00	37.29 -0.38 0.00	37.36 -0.30 0.00	37.18 -0.49 0.00	36.66 -0.41 0.00	37.64 -0.27 0.00	39.93 -0.04 0.00	38.01 -0.27 0.00	37.15 -0.41 0.00	36.00 -0.44 0.00	33.09 -0.40 0.00	30.15 -0.40 0.00	29.03 -0.44 0.00
FOX_HILLS___ESR 323835	30.99 1.33 0.00	28.88 1.11 0.00	28.00 0.97 0.00	27.93 1.07 0.00	27.68 1.06 0.00	27.53 0.98 0.00	28.75 1.05 0.00	28.05 1.26 0.00	29.80 1.45 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.93 2.26 0.00	39.81 2.15 0.00	39.96 2.30 0.00	43.21 2.41 -3.73	40.48 2.58 0.00	54.80 3.48 -11.36	65.02 3.25 -23.49	40.23 2.67 0.00	38.92 2.48 0.00	64.46 2.34 -28.63	32.41 1.86 0.00	31.03 1.56 0.00
FPL_FAR_ROCK_GT1 24212	35.87 2.14 -4.08	34.56 1.89 -4.90	32.49 1.76 -3.71	30.35 1.80 -1.70	29.49 1.78 -1.10	31.03 1.78 -2.70	29.61 1.91 -0.01	34.47 2.06 -5.61	40.73 2.24 -10.13	45.39 2.54 -11.51	51.67 2.47 -15.38	54.35 3.01 -13.75	55.41 2.86 -14.89	53.09 2.94 -12.49	53.09 2.79 -12.64	52.78 2.74 -12.97	54.45 3.07 -13.48	63.28 3.80 -19.51	60.26 3.56 -18.41	55.01 3.08 -14.36	53.24 2.88 -13.92	49.21 2.61 -13.11	47.23 2.57 -14.12	45.32 2.18 -13.67
FPL_FAR_ROCK_GT2 23815	35.87 2.14 -4.08	34.56 1.89 -4.90	32.49 1.76 -3.71	30.35 1.80 -1.70	29.49 1.78 -1.10	31.03 1.78 -2.70	29.61 1.91 -0.01	34.47 2.06 -5.61	40.73 2.24 -10.13	45.39 2.54 -11.51	51.67 2.47 -15.38	54.35 3.01 -13.75	55.41 2.86 -14.89	53.09 2.94 -12.49	53.09 2.79 -12.64	52.78 2.74 -12.97	54.45 3.07 -13.48	63.28 3.80 -19.51	60.26 3.56 -18.41	55.01 3.08 -14.36	53.24 2.88 -13.92	49.21 2.61 -13.11	47.23 2.57 -14.12	45.32 2.18 -13.67

FRANKLIN_FALL_HYD 24054	30.90 1.25 0.00	28.91 1.14 0.00	28.11 1.08 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.67 1.12 0.00	28.50 0.80 0.00	27.59 0.80 0.00	29.15 0.79 0.00	32.22 0.88 0.00	34.94 1.12 0.00	38.64 1.05 0.00	38.80 1.13 0.00	38.64 0.98 0.00	38.68 1.02 0.00	38.00 0.93 0.00	38.62 0.72 0.00	40.49 0.52 0.00	38.78 0.50 0.00	38.43 0.86 0.00	37.31 0.87 0.00	34.29 0.80 0.00	31.25 0.70 0.00	30.50 1.03 0.00
FREEPORT_EQUS_GT1 23764	35.73 1.99 -4.08	34.43 1.75 -4.90	32.35 1.62 -3.71	30.22 1.67 -1.70	29.36 1.65 -1.10	30.89 1.65 -2.70	29.48 1.77 -0.01	34.31 1.90 -5.61	40.59 2.10 -10.13	45.23 2.38 -11.51	51.84 2.64 -15.38	54.50 3.16 -13.75	55.53 2.97 -14.89	53.24 3.09 -12.49	53.28 2.97 -12.64	53.01 2.97 -12.97	54.68 3.30 -13.48	63.48 4.00 -19.51	60.45 3.75 -18.41	55.19 3.27 -14.36	53.45 3.10 -13.92	49.38 2.78 -13.11	47.11 2.44 -14.12	45.21 2.06 -13.67
FREEPORT___CT2 23818	35.73 1.99 -4.08	34.43 1.75 -4.90	32.35 1.62 -3.71	30.22 1.67 -1.70	29.36 1.65 -1.10	30.89 1.65 -2.70	29.48 1.77 -0.01	34.31 1.90 -5.61	40.59 2.10 -10.13	45.23 2.38 -11.51	51.84 2.64 -15.38	54.50 3.16 -13.75	55.53 2.97 -14.89	53.24 3.09 -12.49	53.28 2.97 -12.64	53.01 2.97 -12.97	54.68 3.30 -13.48	63.48 4.00 -19.51	60.45 3.75 -18.41	55.19 3.27 -14.36	53.45 3.10 -13.92	49.38 2.78 -13.11	47.11 2.44 -14.12	45.21 2.06 -13.67
FRESHKLS_33_KV_LOAD 356253	30.96 1.30 0.00	28.83 1.06 0.00	27.94 0.92 0.00	27.88 1.02 0.00	27.63 1.01 0.00	27.48 0.93 0.00	28.64 0.94 0.00	27.94 1.15 0.00	29.69 1.33 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.55 1.95 0.00	39.81 2.15 0.00	39.70 2.03 0.00	39.81 2.15 0.00	43.14 2.34 -3.73	40.36 2.46 0.00	54.76 3.44 -11.36	65.02 3.25 -23.49	40.15 2.59 0.00	38.84 2.40 0.00	64.40 2.28 -28.63	32.32 1.77 0.00	30.97 1.50 0.00
FULTON COGEN____ 23766	28.71 -0.95 0.00	26.83 -0.94 0.00	26.11 -0.92 0.00	25.92 -0.94 0.00	25.71 -0.90 0.00	25.67 -0.88 0.00	26.78 -0.91 0.00	25.88 -0.91 0.00	27.45 -0.91 0.00	30.40 -0.94 0.00	32.74 -1.08 0.00	36.46 -1.13 0.00	36.46 -1.21 0.00	36.49 -1.17 0.00	36.50 -1.17 0.00	35.92 -1.15 0.00	36.84 -1.06 0.00	38.97 -1.00 0.00	37.29 -1.00 0.00	36.40 -1.16 0.00	35.27 -1.17 0.00	32.38 -1.11 0.00	29.57 -0.98 0.00	28.50 -0.97 0.00
FULTON___LFGE 323630	32.00 2.34 0.00	29.94 2.17 0.00	29.13 2.11 0.00	28.92 2.07 0.00	28.56 1.94 0.00	28.54 1.99 0.00	29.88 2.19 0.00	28.91 2.12 0.00	30.77 2.41 0.00	34.13 2.79 0.00	37.04 3.22 0.00	41.69 4.10 0.00	41.47 3.80 0.00	41.58 3.92 0.00	41.39 3.73 0.00	40.89 3.82 0.00	42.15 4.24 0.00	44.72 4.75 0.00	42.72 4.44 0.00	41.47 3.91 0.00	40.01 3.57 0.00	36.63 3.15 0.00	33.17 2.63 0.00	31.89 2.42 0.00
G.F.CEMENT___DRP 24184	31.35 1.69 0.00	29.36 1.58 0.00	28.54 1.51 0.00	28.36 1.50 0.00	28.08 1.46 0.00	28.01 1.46 0.00	29.24 1.55 0.00	28.29 1.50 0.00	30.03 1.67 0.00	33.35 2.01 0.00	36.16 2.33 0.00	40.37 2.78 0.00	40.38 2.71 0.00	40.34 2.67 0.00	40.23 2.56 0.00	39.59 2.52 0.00	40.67 2.77 0.00	43.09 3.12 0.00	41.23 2.95 0.00	40.12 2.55 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.35 1.80 0.00	31.15 1.68 0.00
GARDENVILLE___LBMP 24039	27.61 -2.05 0.00	25.61 -2.17 0.00	24.89 -2.13 0.00	24.55 -2.31 0.00	24.43 -2.18 0.00	24.53 -2.02 0.00	25.53 -2.16 0.00	24.43 -2.36 0.00	26.20 -2.16 0.00	28.93 -2.41 0.00	30.37 -3.45 0.00	33.72 -3.87 0.00	33.60 -4.07 0.00	33.75 -3.92 0.00	33.82 -3.84 0.00	33.29 -3.78 0.00	34.45 -3.45 0.00	36.33 -3.64 0.00	34.88 -3.41 0.00	33.92 -3.64 0.00	32.72 -3.72 0.00	30.17 -3.32 0.00	27.80 -2.75 0.00	27.17 -2.30 0.00
GARDNVLA_35_KV_LD 355827	27.76 -1.90 0.00	25.75 -2.03 0.00	25.03 -2.00 0.00	24.68 -2.18 0.00	24.56 -2.05 0.00	24.67 -1.89 0.00	25.67 -2.02 0.00	24.57 -2.22 0.00	26.34 -2.01 0.00	29.08 -2.26 0.00	30.58 -3.25 0.00	33.91 -3.68 0.00	33.79 -3.88 0.00	33.93 -3.73 0.00	34.01 -3.65 0.00	33.47 -3.60 0.00	34.64 -3.26 0.00	36.53 -3.44 0.00	35.10 -3.18 0.00	34.14 -3.42 0.00	32.90 -3.53 0.00	30.34 -3.15 0.00	27.95 -2.60 0.00	27.32 -2.15 0.00
GELCKHM___115KV_LOAD 80723	28.92 -0.74 0.00	27.05 -0.72 0.00	26.32 -0.70 0.00	26.13 -0.73 0.00	25.90 -0.72 0.00	25.89 -0.66 0.00	27.00 -0.69 0.00	26.09 -0.70 0.00	27.68 -0.68 0.00	30.62 -0.72 0.00	32.95 -0.88 0.00	36.65 -0.94 0.00	36.69 -0.98 0.00	36.72 -0.94 0.00	36.72 -0.94 0.00	36.14 -0.93 0.00	37.11 -0.80 0.00	39.21 -0.76 0.00	37.52 -0.77 0.00	36.62 -0.94 0.00	35.53 -0.91 0.00	32.62 -0.87 0.00	29.78 -0.76 0.00	28.71 -0.77 0.00
GENERAL___MILLS 23808	27.70 -1.96 0.00	25.72 -2.06 0.00	24.97 -2.05 0.00	24.65 -2.20 0.00	24.51 -2.10 0.00	24.61 -1.94 0.00	25.62 -2.08 0.00	24.51 -2.28 0.00	26.31 -2.04 0.00	29.02 -2.32 0.00	30.51 -3.31 0.00	33.83 -3.76 0.00	33.71 -3.95 0.00	33.90 -3.77 0.00	33.94 -3.73 0.00	33.40 -3.67 0.00	34.60 -3.30 0.00	36.49 -3.48 0.00	35.03 -3.25 0.00	34.07 -3.49 0.00	32.83 -3.61 0.00	30.27 -3.21 0.00	27.89 -2.66 0.00	27.26 -2.21 0.00
GE_PLASTICS___DRP 24183	30.40 0.74 0.00	28.63 0.86 0.00	27.86 0.84 0.00	27.72 0.86 0.00	27.44 0.83 0.00	27.35 0.80 0.00	28.55 0.86 0.00	27.59 0.80 0.00	29.01 0.65 0.00	32.03 0.69 0.00	34.64 0.81 0.00	38.49 0.90 0.00	38.61 0.94 0.00	38.57 0.90 0.00	38.57 0.90 0.00	37.96 0.89 0.00	38.92 1.02 0.00	41.25 1.28 0.00	39.47 1.19 0.00	38.50 0.94 0.00	37.31 0.87 0.00	34.32 0.84 0.00	31.31 0.76 0.00	30.27 0.80 0.00
GILBOA___1 23756	30.37 0.71 0.00	28.49 0.72 0.00	27.81 0.78 0.00	27.66 0.80 0.00	27.41 0.80 0.00	27.24 0.69 0.00	28.44 0.75 0.00	27.46 0.67 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.70 0.88 0.00	38.68 1.09 0.00	38.64 0.98 0.00	38.72 1.05 0.00	38.64 0.98 0.00	38.03 0.96 0.00	39.04 1.14 0.00	41.41 1.44 0.00	39.62 1.34 0.00	38.61 1.05 0.00	37.42 0.98 0.00	34.42 0.94 0.00	31.37 0.83 0.00	30.18 0.71 0.00
GILBOA___2 23757	30.37 0.71 0.00	28.49 0.72 0.00	27.81 0.78 0.00	27.66 0.80 0.00	27.41 0.80 0.00	27.24 0.69 0.00	28.44 0.75 0.00	27.46 0.67 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.70 0.88 0.00	38.68 1.09 0.00	38.64 0.98 0.00	38.72 1.05 0.00	38.64 0.98 0.00	38.03 0.96 0.00	39.04 1.14 0.00	41.41 1.44 0.00	39.62 1.34 0.00	38.61 1.05 0.00	37.42 0.98 0.00	34.42 0.94 0.00	31.37 0.83 0.00	30.18 0.71 0.00
GILBOA___3 23758	30.37 0.71 0.00	28.49 0.72 0.00	27.81 0.78 0.00	27.66 0.80 0.00	27.41 0.80 0.00	27.24 0.69 0.00	28.44 0.75 0.00	27.46 0.67 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.70 0.88 0.00	38.68 1.09 0.00	38.64 0.98 0.00	38.72 1.05 0.00	38.64 0.98 0.00	38.03 0.96 0.00	39.04 1.14 0.00	41.41 1.44 0.00	39.62 1.34 0.00	38.61 1.05 0.00	37.42 0.98 0.00	34.42 0.94 0.00	31.37 0.83 0.00	30.18 0.71 0.00

GOUDEY___7 235031	29.51 -0.15 0.00	27.58 -0.19 0.00	26.84 -0.19 0.00	26.61 -0.24 0.00	26.40 -0.21 0.00	26.39 -0.16 0.00	27.56 -0.14 0.00	26.60 -0.19 0.00	28.30 -0.06 0.00	31.28 -0.06 0.00	33.55 -0.27 0.00	37.25 -0.34 0.00	37.29 -0.38 0.00	37.32 -0.34 0.00	37.36 -0.30 0.00	36.77 -0.30 0.00	37.83 -0.08 0.00	40.09 0.12 0.00	38.32 0.04 0.00	37.34 -0.23 0.00	36.18 -0.26 0.00	33.22 -0.27 0.00	30.36 -0.18 0.00	29.29 -0.18 0.00
GOUDEY___7 23579	29.54 -0.12 0.00	27.61 -0.17 0.00	26.86 -0.16 0.00	26.64 -0.21 0.00	26.43 -0.19 0.00	26.42 -0.13 0.00	27.58 -0.11 0.00	26.63 -0.16 0.00	28.33 -0.03 0.00	31.31 -0.03 0.00	33.59 -0.24 0.00	37.29 -0.30 0.00	37.36 -0.30 0.00	37.40 -0.26 0.00	37.40 -0.26 0.00	36.81 -0.26 0.00	37.86 -0.04 0.00	40.13 0.16 0.00	38.40 0.11 0.00	37.38 -0.19 0.00	36.22 -0.22 0.00	33.25 -0.23 0.00	30.39 -0.15 0.00	29.32 -0.15 0.00
GOUDEY___8 23580	29.51 -0.15 0.00	27.58 -0.19 0.00	26.84 -0.19 0.00	26.61 -0.24 0.00	26.40 -0.21 0.00	26.39 -0.16 0.00	27.56 -0.14 0.00	26.60 -0.19 0.00	28.30 -0.06 0.00	31.28 -0.06 0.00	33.55 -0.27 0.00	37.25 -0.34 0.00	37.29 -0.38 0.00	37.32 -0.34 0.00	37.36 -0.30 0.00	36.77 -0.30 0.00	37.83 -0.08 0.00	40.09 0.12 0.00	38.32 0.04 0.00	37.34 -0.23 0.00	36.18 -0.26 0.00	33.22 -0.27 0.00	30.36 -0.18 0.00	29.29 -0.18 0.00
GOWANUS_GT1_1 24077	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GOWANUS_GT1_2 24078	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GOWANUS_GT1_3 24079	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GOWANUS_GT1_4 24080	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GOWANUS_GT1_5 24084	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.																		

GOWANUS_GT2_5 24118	31.11 <u>1.45</u> 0.00	28.97 <u>1.19</u> 0.00	28.08 <u>1.05</u> 0.00	28.01 <u>1.15</u> 0.00	27.76 <u>1.14</u> 0.00	27.67 <u>1.11</u> 0.00	28.88 <u>1.19</u> 0.00	28.18 <u>1.39</u> 0.00	29.91 <u>1.56</u> 0.00	33.25 <u>1.91</u> 0.00	35.96 <u>2.13</u> 0.00	40.22 <u>2.63</u> 0.00	40.11 <u>2.45</u> 0.00	40.34 <u>2.67</u> 0.00	40.11 <u>2.45</u> 0.00	43.32 <u>2.52</u> -3.73	40.67 <u>2.77</u> 0.00	54.93 <u>3.60</u> -11.36	65.14 <u>3.37</u> -23.49	40.38 <u>2.82</u> 0.00	39.13 <u>2.70</u> 0.00	64.56 <u>2.44</u> -28.63	32.56 <u>2.02</u> 0.00	31.00 <u>1.53</u> 0.00
GOWANUS_GT2_6 24119	31.11 <u>1.45</u> 0.00	28.97 <u>1.19</u> 0.00	28.08 <u>1.05</u> 0.00	28.01 <u>1.15</u> 0.00	27.76 <u>1.14</u> 0.00	27.67 <u>1.11</u> 0.00	28.88 <u>1.19</u> 0.00	28.18 <u>1.39</u> 0.00	29.91 <u>1.56</u> 0.00	33.25 <u>1.91</u> 0.00	35.96 <u>2.13</u> 0.00	40.22 <u>2.63</u> 0.00	40.11 <u>2.45</u> 0.00	40.34 <u>2.67</u> 0.00	40.11 <u>2.45</u> 0.00	43.32 <u>2.52</u> -3.73	40.67 <u>2.77</u> 0.00	54.93 <u>3.60</u> -11.36	65.14 <u>3.37</u> -23.49	40.38 <u>2.82</u> 0.00	39.13 <u>2.70</u> 0.00	64.56 <u>2.44</u> -28.63	32.56 <u>2.02</u> 0.00	31.00 <u>1.53</u> 0.00
GOWANUS_GT2_7 24120	31.11 <u>1.45</u> 0.00	28.97 <u>1.19</u> 0.00	28.08 <u>1.05</u> 0.00	28.01 <u>1.15</u> 0.00	27.76 <u>1.14</u> 0.00	27.67 <u>1.11</u> 0.00	28.88 <u>1.19</u> 0.00	28.18 <u>1.39</u> 0.00	29.91 <u>1.56</u> 0.00	33.25 <u>1.91</u> 0.00	35.96 <u>2.13</u> 0.00	40.22 <u>2.63</u> 0.00	40.11 <u>2.45</u> 0.00	40.34 <u>2.67</u> 0.00	40.11 <u>2.45</u> 0.00	43.32 <u>2.52</u> -3.73	40.67 <u>2.77</u> 0.00	54.93 <u>3.60</u> -11.36	65.14 <u>3.37</u> -23.49	40.38 <u>2.82</u> 0.00	39.13 <u>2.70</u> 0.00	64.56 <u>2.44</u> -28.63	32.56 <u>2.02</u> 0.00	31.00 <u>1.53</u> 0.00
GOWANUS_GT2_8 24121	31.11 <u>1.45</u> 0.00	28.97 <u>1.19</u> 0.00	28.08 <u>1.05</u> 0.00	28.01 <u>1.15</u> 0.00	27.76 <u>1.14</u> 0.00	27.67 <u>1.11</u> 0.00	28.88 <u>1.19</u> 0.00	28.18 <u>1.39</u> 0.00	29.91 <u>1.56</u> 0.00	33.25 <u>1.91</u> 0.00	35.96 <u>2.13</u> 0.00	40.22 <u>2.63</u> 0.00	40.11 <u>2.45</u> 0.00	40.34 <u>2.67</u> 0.00	40.11 <u>2.45</u> 0.00	43.32 <u>2.52</u> -3.73	40.67 <u>2.77</u> 0.00	54.93 <u>3.60</u> -11.36	65.14 <u>3.37</u> -23.49	40.38 <u>2.82</u> 0.00	39.13 <u>2.70</u> 0.00	64.56 <u>2.44</u> -28.63	32.56 <u>2.02</u> 0.00	31.00 <u>1.53</u> 0.00
GOWANUS_GT3_1 24122	31.11 <u>1.45</u> 0.00	28.97 <u>1.19</u> 0.00	28.08 <u>1.05</u> 0.00	28.01 <u>1.15</u> 0.00	27.76 <u>1.14</u> 0.00	27.67 <u>1.11</u> 0.00	28.88 <u>1.19</u> 0.00	28.18 <u>1.39</u> 0.00	29.91 <u>1.56</u> 0.00	33.25 <u>1.91</u> 0.00	35.96 <u>2.13</u> 0.00	40.22 <u>2.63</u> 0.00	40.11 <u>2.45</u> 0.00	40.34 <u>2.67</u> 0.00	40.11 <u>2.45</u> 0.00	43.32 <u>2.52</u> -3.73	40.67 <u>2.77</u> 0.00	54.93 <u>3.60</u> -11.36	65.14 <u>3.37</u> -23.49	40.38 <u>2.82</u> 0.00	39.13 <u>2.70</u> 0.00	64.56 <u>2.44</u> -28.63	32.56 <u>2.02</u> 0.00	31.00 <u>1.53</u> 0.00
GOWANUS_GT3_2 24123	31.11 <u>1.45</u> 0.00	28.97 <u>1.19</u> 0.00	28.08 <u>1.05</u> 0.00	28.01 <u>1.15</u> 0.00	27.76 <u>1.14</u> 0.00	27.67 <u>1.11</u> 0.00	28.88 <u>1.19</u> 0.00	28.18 <u>1.39</u> 0.00	29.91 <u>1.56</u> 0.00	33.25 <u>1.91</u> 0.00	35.96 <u>2.13</u> 0.00	40.22 <u>2.63</u> 0.00	40.11 <u>2.45</u> 0.00	40.34 <u>2.67</u> 0.00	40.11 <u>2.45</u> 0.00	43.32 <u>2.52</u> -3.73	40.67 <u>2.77</u> 0.00	54.93 <u>3.60</u> -11.36	65.14 <u>3.37</u> -23.49	40.38 <u>2.82</u> 0.00	39.13 <u>2.70</u> 0.00	64.56 <u>2.44</u> -28.63	32.56 <u>2.02</u> 0.00	31.00 <u>1.53</u> 0.00
GOWANUS_GT3_3 24124	31.																							

GOWANUS_GT4_4 24133	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GOWANUS_GT4_5 24134	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GOWANUS_GT4_6 24135	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GOWANUS_GT4_7 24136	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GOWANUS_GT4_8 24137	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GREENBSH_115KV_TB3 55895	30.43 0.77 0.00	28.69 0.92 0.00	27.94 0.92 0.00	27.80 0.94 0.00	27.52 0.90 0.00	27.43 0.88 0.00	28.64 0.94 0.00	27.65 0.86 0.00	28.98 0.62 0.00	31.94 0.60 0.00	34.53 0.71 0.00	38.42 0.83 0.00	38.49 0.83 0.00	38.49 0.83 0.00	38.49 0.83 0.00	37.89 0.82 0.00	38.85 0.95 0.00	41.17 1.20 0.00	39.39 1.11 0.00	38.39 0.83 0.00	37.20 0.77 0.00	34.26 0.77 0.00	31.25 0.70 0.00	30.27 0.80 0.00
GREENDGE_115KV_TB5 80291	29.36 -0.30 0.00	27.33 -0.44 0.00	26.57 -0.46 0.00	26.29 -0.56 0.00	26.11 -0.51 0.00	26.18 -0.37 0.00	27.33 -0.36 0.00	26.31 -0.48 0.00	28.04 -0.31 0.00	31.03 -0.31 0.00	33.11 -0.71 0.00	36.73 -0.86 0.00	36.61 -1.05 0.00	36.72 -0.94 0.00	36.76 -0.90 0.00	36.33 -0.74 0.00	37.26 -0.64 0.00	39.45 -0.52 0.00	37.75 -0.54 0.00	36.77 -0.79 0.00	35.71 -0.73 0.00	32.78 -0.70 0.00	29.97 -0.58 0.00	28.97 -0.50 0.00
GREENIDGE___3 23582	29.36 -0.30 0.00	27.33 -0.44 0.00	26.57 -0.46 0.00	26.29 -0.56 0.00	26.11 -0.51 0.00	26.18 -0.37 0.00	27.33 -0.36 0.00	26.31 -0.48 0.00	28.04 -0.31 0.00	31.03 -0.31 0.00	33.11 -0.71 0.00	36.73 -0.86 0.00	36.61 -1.05 0.00	36.72 -0.94 0.00	36.76 -0.90 0.00	36.33 -0.74 0.00	37.26 -0.64 0.00	39.45 -0.52 0.00	37.75 -0.54 0.00	36.77 -0.79 0.00	35.71 -0.73 0.00	32.78 -0.70 0.00	29.97 -0.58 0.00	28.97 -0.50 0.00
GREENIDGE___4 23583	29.30 -0.35 0.00	27.33 -0.45 0.00	26.57 -0.46 0.00	26.32 -0.54 0.00	26.11 -0.51 0.00	26.18 -0.37 0.00	27.33 -0.36 0.00	26.31 -0.48 0.00	28.05 -0.31 0.00	31.03 -0.31 0.00	33.11 -0.71 0.00	36.65 -0.94 0.00	36.61 -1.05 0.00	36.76 -0.90 0.00	36.76 -0.90 0.00	36.29 -0.78 0.00	37.26 -0.64 0.00	39.45 -0.52 0.00	37.75 -0.54 0.00	36.66 -0.90 0.00	35.74 -0.69 0.00	32.78 -0.70 0.00	29.97 -0.58 0.00	29.06 -0.41 0.00
GREENLWN_69_KV_BK 3 55738	35.55 1.81 -4.08	34.29 1.61 -4.90	32.24 1.51 -3.71	30.11 1.56 -1.70	29.25 1.54 -1.10	30.79 1.54 -2.70	29.38 1.69 0.00	34.20 1.80 -5.61	40.47 1.98 -10.13	45.07 2.23 -11.51	51.57 2.37 -15.38	53.56 2.22 -13.75	54.89 2.34 -14.89	52.49 2.34 -12.49	52.72 2.41 -12.64	52.49 2.45 -12.97	54.07 2.69 -13.48	62.80 3.32 -19.51	59.84 3.14 -18.41	54.63 2.70 -14.36	52.91 2.55 -13.92	49.18 2.58 -13.11	46.95 2.29 -14.12	45.15 2.00 -13.67
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00
GRISSOM___SOLAR 323813	32.00 2.34 0.00	29.94 2.17 0.00	29.13 2.11 0.00	28.92 2.07 0.00	28.56 1.94 0.00	28.54 1.99 0.00	29.88 2.19 0.00	28.91 2.12 0.00	30.77 2.41 0.00	34.13 2.79 0.00	37.04 3.22 0.00	41.69 4.10 0.00	41.47 3.80 0.00	41.58 3.92 0.00	41.39 3.73 0.00	40.89 3.82 0.00	42.15 4.24 0.00	44.72 4.75 0.00	42.72 4.44 0.00	41.47 3.91 0.00	40.01 3.57 0.00	36.63 3.15 0.00	33.17 2.63 0.00	31.89 2.42 0.00
GROVEVILLE___HYD 323602	31.08 1.42 0.00	29.02 1.25 0.00	28.21 1.19 0.00	28.06 1.21 0.00	27.79 1.17 0.00	27.72 1.17 0.00	28.97 1.27 0.00	28.08 1.29 0.00	29.80 1.45 0.00	33.00 1.66 0.00	35.68 1.86 0.00	39.62 2.03 0.00	39.81 2.15 0.00	39.73 2.07 0.00	39.74 2.07 0.00	39.15 2.08 0.00	40.21 2.31 0.00	42.93 2.96 0.00	41.08 2.79 0.00	39.89 2.33 0.00	38.62 2.19 0.00	35.50 2.01 0.00	32.29 1.74 0.00	31.00 1.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.15 -0.50 0.00	27.25 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.87 -0.47 0.00	33.22 -0.61 0.00	36.99 -0.60 0.00	36.99 -0.68 0.00	37.06 -0.60 0.00	37.02 -0.64 0.00	36.48 -0.59 0.00	37.41 -0.49 0.00	39.57 -0.40 0.00	37.82 -0.46 0.00	36.92 -0.64 0.00	35.82 -0.62 0.00	32.88 -0.60 0.00	30.00 -0.55 0.00	28.91 -0.56 0.00
HAMLTNNY_34_KV_TB 80303	29.12 -0.53 0.00	27.22 -0.56 0.00	26.48 -0.54 0.00	26.26 -0.59 0.00	26.06 -0.56 0.00	26.05 -0.50 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.87 -0.48 0.00	30.87 -0.47 0.00	33.22 -0.61 0.00	36.95 -0.64 0.00	36.95 -0.72 0.00	37.02 -0.64 0.00	37.02 -0.64 0.00	36.44 -0.63 0.00	37.41 -0.49 0.00	39.57 -0.40 0.00	37.86 -0.42 0.00	36.92 -0.64 0.00	35.78 -0.66 0.00	32.85 -0.64 0.00	29.97 -0.58 0.00	28.91 -0.56 0.00

HISHELDN_WT_PWR 323625	27.70 -1.96 0.00	25.86 -1.92 0.00	25.11 -1.92 0.00	24.79 -2.07 0.00	24.65 -1.97 0.00	24.72 -1.83 0.00	25.73 -1.97 0.00	24.62 -2.17 0.00	26.37 -1.99 0.00	29.12 -2.22 0.00	30.71 -3.11 0.00	34.10 -3.49 0.00	33.98 -3.69 0.00	34.16 -3.50 0.00	34.16 -3.50 0.00	33.62 -3.45 0.00	34.79 -3.11 0.00	36.73 -3.24 0.00	35.22 -3.06 0.00	34.26 -3.31 0.00	33.12 -3.32 0.00	30.47 -3.01 0.00	28.07 -2.47 0.00	27.53 -1.95 0.00
HOLTSVILLE_IC_1 23690	35.81 2.08 -4.08	34.62 1.94 -4.90	32.54 1.81 -3.71	30.43 1.88 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.70 2.00 -0.01	34.47 2.06 -5.61	40.76 2.27 -10.13	45.42 2.57 -11.51	52.08 2.87 -15.38	54.68 3.34 -13.75	55.68 3.12 -14.89	53.43 3.27 -12.49	53.47 3.16 -12.64	53.16 3.11 -12.97	55.02 3.64 -13.48	63.72 4.23 -19.51	60.75 4.06 -18.41	55.46 3.53 -14.36	53.71 3.35 -13.92	49.48 2.88 -13.11	47.26 2.60 -14.12	45.41 2.27 -13.67
HOLTSVILLE_IC_10 23699	35.96 2.23 -4.08	34.73 2.06 -4.90	32.65 1.92 -3.71	30.54 1.99 -1.70	29.68 1.97 -1.10	31.21 1.96 -2.70	29.83 2.13 -0.01	34.60 2.20 -5.61	40.90 2.41 -10.13	45.57 2.73 -11.51	52.25 3.05 -15.38	54.91 3.57 -13.75	55.90 3.35 -14.89	53.66 3.50 -12.49	53.70 3.39 -12.64	53.38 3.34 -12.97	55.29 3.90 -13.48	64.00 4.52 -19.51	61.02 4.32 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.68 3.08 -13.11	47.41 2.75 -14.12	45.56 2.42 -13.67
HOLTSVILLE_IC_2 23691	35.81 2.08 -4.08	34.62 1.94 -4.90	32.54 1.81 -3.71	30.43 1.88 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.70 2.00 -0.01	34.47 2.06 -5.61	40.76 2.27 -10.13	45.42 2.57 -11.51	52.08 2.87 -15.38	54.68 3.34 -13.75	55.68 3.12 -14.89	53.43 3.27 -12.49	53.47 3.16 -12.64	53.16 3.11 -12.97	55.02 3.64 -13.48	63.72 4.23 -19.51	60.75 4.06 -18.41	55.46 3.53 -14.36	53.71 3.35 -13.92	49.48 2.88 -13.11	47.26 2.60 -14.12	45.41 2.27 -13.67
HOLTSVILLE_IC_3 23692	35.81 2.08 -4.08	34.62 1.94 -4.90	32.54 1.81 -3.71	30.43 1.88 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.70 2.00 -0.01	34.47 2.06 -5.61	40.76 2.27 -10.13	45.42 2.57 -11.51	52.08 2.87 -15.38	54.68 3.34 -13.75	55.68 3.12 -14.89	53.43 3.27 -12.49	53.47 3.16 -12.64	53.16 3.11 -12.97	55.02 3.64 -13.48	63.72 4.23 -19.51	60.75 4.06 -18.41	55.46 3.53 -14.36	53.71 3.35 -13.92	49.48 2.88 -13.11	47.26 2.60 -14.12	45.41 2.27 -13.67
HOLTSVILLE_IC_4 23693	35.81 2.08 -4.08	34.62 1.94 -4.90	32.54 1.81 -3.71	30.43 1.88 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.70 2.00 -0.01	34.47 2.06 -5.61	40.76 2.27 -10.13	45.42 2.57 -11.51	52.08 2.87 -15.38	54.68 3.34 -13.75	55.68 3.12 -14.89	53.43 3.27 -12.49	53.47 3.16 -12.64	53.16 3.11 -12.97	55.02 3.64 -13.48	63.72 4.23 -19.51	60.75 4.06 -18.41	55.46 3.53 -14.36	53.71 3.35 -13.92	49.48 2.88 -13.11	47.26 2.60 -14.12	45.41 2.27 -13.67
HOLTSVILLE_IC_5 23694	35.81 2.08 -4.08	34.62 1.94 -4.90	32.54 1.81 -3.71	30.43 1.88 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.70 2.00 -0.01	34.47 2.06 -5.61	40.76 2.27 -10.13	45.42 2.57 -11.51	52.08 2.87 -15.38	54.68 3.34 -13.75	55.68 3.12 -14.89	53.43 3.27 -12.49	53.47 3.16 -12.64	53.16 3.11 -12.97	55.02 3.64 -13.48	63.72 4.23 -19.51	60.75 4.06 -18.41	55.46 3.53 -14.36	53.71 3.35 -13.92	49.48 2.88 -13.11	47.26 2.60 -14.12	45.41 2.27 -13.67
HOLTSVILLE_IC_6 23695	35.96 2.23 -4.08	34.73 2.06 -4.90	32.65 1.92 -3.71	30.54 1.99 -1.70	29.68 1.97 -1.10	31.21 1.96 -2.70	29.83 2.13 -0.01	34.60 2.20 -5.61	40.90 2.41 -10.13	45.57 2.73 -11.51	52.25 3.05 -15.38	54.91 3.57 -13.75	55.90 3.35 -14.89	53.66 3.50 -12.49	53.70 3.39 -12.64	53.38 3.34 -12.97	55.29 3.90 -13.48	64.00 4.52 -19.51	61.02 4.32 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.68 3.08 -13.11	47.41 2.75 -14.12	45.56 2.42 -13.67
HOLTSVILLE_IC_7 23696	35.96 2.23 -4.08	34.73 2.06 -4.90	32.65 1.92 -3.71	30.54 1.99 -1.70	29.68 1.97 -1.10	31.21 1.96 -2.70	29.83 2.13 -0.01	34.60 2.20 -5.61	40.90 2.41 -10.13	45.57 2.73 -11.51	52.25 3.05 -15.38	54.91 3.57 -13.75	55.90 3.35 -14.89	53.66 3.50 -12.49	53.70 3.39 -12.64	53.38 3.34 -12.97	55.29 3.90 -13.48	64.00 4.52 -19.51	61.02 4.32 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.68 3.08 -13.11	47.41 2.75 -14.12	45.56 2.42 -13.67
HOLTSVILLE_IC_8 23697	35.96 2.23 -4.08	34.73 2.06 -4.90	32.65 1.92 -3.71	30.54 1.99 -1.70	29.68 1.97 -1.10	31.21 1.96 -2.70	29.83 2.13 -0.01	34.60 2.20 -5.61	40.90 2.41 -10.13	45.57 2.73 -11.51	52.25 3.05 -15.38	54.91 3.57 -13.75	55.90 3.35 -14.89	53.66 3.50 -12.49	53.70 3.39 -12.64	53.38 3.34 -12.97	55.29 3.90 -13.48	64.00 4.52 -19.51	61.02 4.32 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.68 3.08 -13.11	47.41 2.75 -14.12	45.56 2.42 -13.67
HOLTSVILLE_IC_9 23698	35.96 2.23 -4.08	34.73 2.06 -4.90	32.65 1.92 -3.71	30.54 1.99 -1.70	29.68 1.97 -1.10	31.21 1.96 -2.70	29.83 2.13 -0.01	34.60 2.20 -5.61	40.90 2.41 -10.13	45.57 2.73 -11.51	52.25 3.05 -15.38	54.91 3.57 -13.75	55.90 3.35 -14.89	53.66 3.50 -12.49	53.70 3.39 -12.64	53.38 3.34 -12.97	55.29 3.90 -13.48	64.00 4.52 -19.51	61.02 4.32 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.68 3.08 -13.11	47.41 2.75 -14.12	45.56 2.42 -13.67
HOMER_HL_115KV_TB2 355744	28.35 -1.30 0.00	26.36 -1.42 0.00	25.62 -1.41 0.00	25.30 -1.56 0.00	25.15 -1.46 0.00	25.25 -1.30 0.00	26.34 -1.36 0.00	25.40 -1.39 0.00	27.28 -1.08 0.00	30.06 -1.28 0.00	31.66 -2.16 0.00	35.04 -2.56 0.00	34.95 -2.71 0.00	35.06 -2.60 0.00	35.18 -2.49 0.00	34.62 -2.45 0.00	35.78 -2.12 0.00	37.85 -2.12 0.00	36.25 -2.03 0.00	35.20 -2.37 0.00	34.00 -2.44 0.00	31.34 -2.14 0.00	28.81 -1.74 0.00	28.03 -1.44 0.00
HOWARD_WT_PWR 323690	29.06 -0.59 0.00	27.11 -0.67 0.00	26.32 -0.70 0.00	26.02 -0.83 0.00	25.82 -0.80 0.00	25.89 -0.66 0.00	26.95 -0.75 0.00	25.85 -0.94 0.00	27.65 -0.71 0.00	30.56 -0.78 0.00	32.41 -1.42 0.00	36.09 -1.50 0.00	35.97 -1.69 0.00	36.12 -1.55 0.00	36.08 -1.58 0.00	35.59 -1.48 0.00	36.73 -1.18 0.00	38.85 -1.12 0.00	37.17 -1.11 0.00	36.02 -1.54 0.00	34.94 -1.50 0.00	32.05 -1.44 0.00	29.39 -1.16 0.00	28.62 -0.86 0.00
HQ_GEN_CEDARS 23644	30.16 0.50 0.00	28.25 0.47 0.00	27.48 0.46 0.00	27.31 0.46 0.00	27.07 0.45 0.00	27.00 0.45 0.00	28.03 0.33 0.00	27.11 0.32 0.00	28.67 0.31 0.00	31.43 0.09 0.00	34.06 0.24 0.00	37.78 0.19 0.00	37.78 0.11 0.00	37.81 0.15 0.00	37.82 0.15 0.00	37.18 0.11 0.00	37.75 -0.15 0.00	39.49 -0.48 0.00	37.90 -0.38 0.00	37.56 0.00 0.00	36.51 0.07 0.00	33.62 0.13 0.00	30.76 0.21 0.00	29.94 0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	29.92 0.27 0.00	28.25 0.47 0.00	27.48 0.46 0.00	27.31 0.46 0.00	27.07 0.45 0.00	27.00 0.45 0.00	28.03 0.33 0.00	27.11 0.32 0.00	28.67 0.31 0.00	31.69 0.09 -0.25	33.81 0.24 0.25	37.59 0.00 0.00	37.78 0.11 0.00	37.66 0.00 0.00	37.82 0.15 0.00	37.18 0.11 0.00	37.75 -0.15 0.00	39.49 -0.48 0.00	37.90 -0.38 0.00	37.56 0.00 0.00	36.51 0.07 0.00	33.62 0.13 0.00	30.67 0.12 0.00	29.91 0.44 0.00

HQ_GEN_IMPORT 323601	29.75 0.09 0.00	27.91 0.14 0.00	27.16 0.14 0.00	26.99 0.13 0.00	26.75 0.13 0.00	26.68 0.13 0.00	27.78 0.08 0.00	26.87 0.08 0.00	28.44 0.09 0.00	31.65 0.06 -0.25	33.67 0.10 0.25	37.52 -0.08 0.00	37.74 0.08 0.00	37.62 -0.04 0.00	37.74 0.08 0.00	37.11 0.04 0.00	37.75 -0.15 0.00	39.53 -0.44 0.00	37.75 -0.35 0.19	37.75 0.00 -0.19	36.47 0.04 0.00	33.52 0.03 0.00	30.58 0.03 0.00	29.59 0.12 0.00
HQ_GEN_WHEEL 23651	29.75 0.09 0.00	27.91 0.14 0.00	27.16 0.14 0.00	26.99 0.13 0.00	26.75 0.13 0.00	26.68 0.13 0.00	27.78 0.08 0.00	26.87 0.08 0.00	28.44 0.09 0.00	31.65 0.06 -0.25	33.67 0.10 0.25	37.52 -0.08 0.00	37.74 0.08 0.00	37.62 -0.04 0.00	37.74 0.08 0.00	37.11 0.04 0.00	37.75 -0.15 0.00	39.53 -0.44 0.00	37.75 -0.35 0.19	37.75 0.00 -0.19	36.47 0.04 0.00	33.52 0.03 0.00	30.58 0.03 0.00	29.59 0.12 0.00
HUDSON AVE_GT_3 23810	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.13 1.79 0.00	35.82 2.00 0.00	39.70 2.11 0.00	39.93 2.26 0.00	39.81 2.15 0.00	39.89 2.22 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.34 3.06 0.00	40.15 2.59 0.00	38.88 2.44 0.00	35.63 2.14 0.00	32.41 1.86 0.00	31.03 1.56 0.00
HUDSON AVE_GT_4 23540	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.13 1.79 0.00	35.82 2.00 0.00	39.70 2.11 0.00	39.93 2.26 0.00	39.81 2.15 0.00	39.89 2.22 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.34 3.06 0.00	40.15 2.59 0.00	38.88 2.44 0.00	35.63 2.14 0.00	32.41 1.86 0.00	31.03 1.56 0.00
HUDSON AVE_GT_5 23657	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.13 1.79 0.00	35.82 2.00 0.00	39.70 2.11 0.00	39.93 2.26 0.00	39.81 2.15 0.00	39.89 2.22 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.34 3.06 0.00	40.15 2.59 0.00	38.88 2.44 0.00	35.63 2.14 0.00	32.41 1.86 0.00	31.03 1.56 0.00
HUDSON_AVE_10 24168	30.90 1.25 0.00	28.83 1.06 0.00	27.97 0.95 0.00	27.88 1.02 0.00	27.65 1.04 0.00	27.59 1.04 0.00	28.86 1.16 0.00	28.16 1.37 0.00	29.89 1.53 0.00	33.13 1.79 0.00	35.82 2.00 0.00	39.70 2.11 0.00	39.89 2.22 0.00	39.81 2.15 0.00	39.89 2.22 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.34 3.06 0.00	40.15 2.59 0.00	38.88 2.44 0.00	35.63 2.14 0.00	32.38 1.83 0.00	30.97 1.50 0.00
HUDSON___115KV_TB 4 355613	30.99 1.33 0.00	29.19 1.42 0.00	28.43 1.41 0.00	28.25 1.40 0.00	27.95 1.33 0.00	27.88 1.33 0.00	29.08 1.38 0.00	28.02 1.23 0.00	29.43 1.08 0.00	32.50 1.16 0.00	35.14 1.32 0.00	39.13 1.54 0.00	39.17 1.51 0.00	39.17 1.51 0.00	39.13 1.47 0.00	38.55 1.48 0.00	39.57 1.67 0.00	42.01 2.04 0.00	40.23 1.95 0.00	39.10 1.54 0.00	37.86 1.42 0.00	34.86 1.37 0.00	31.77 1.22 0.00	30.77 1.30 0.00
HUNTER MOUNT___DRP 323613	31.11 1.45 0.00	29.33 1.56 0.00	28.57 1.54 0.00	28.36 1.50 0.00	28.05 1.44 0.00	27.98 1.43 0.00	29.22 1.52 0.00	28.05 1.26 0.00	29.49 1.13 0.00	32.53 1.19 0.00	35.21 1.39 0.00	39.25 1.65 0.00	39.28 1.62 0.00	39.28 1.62 0.00	39.21 1.54 0.00	38.63 1.56 0.00	39.68 1.78 0.00	42.13 2.16 0.00	40.31 2.03 0.00	39.18 1.62 0.00	37.93 1.49 0.00	34.96 1.47 0.00	31.83 1.28 0.00	30.86 1.39 0.00
HUNTINGTON_RES_REC 323705	35.73 1.99 -4.08	34.48 1.80 -4.90	32.41 1.68 -3.71	30.30 1.74 -1.70	29.42 1.70 -1.10	30.95 1.70 -2.70	29.56 1.86 -0.01	34.36 1.95 -5.61	40.64 2.15 -10.13	45.30 2.45 -11.51	51.84 2.64 -15.38	54.27 2.93 -13.75	55.34 2.79 -14.89	53.09 2.94 -12.49	53.13 2.83 -12.64	52.90 2.85 -12.97	54.57 3.18 -13.48	63.36 3.88 -19.51	60.37 3.68 -18.41	55.12 3.19 -14.36	53.35 2.99 -13.92	49.41 2.81 -13.11	47.17 2.51 -14.12	45.27 2.12 -13.67
HUNTLEY___63 23557	27.22 -2.43 0.00	25.30 -2.47 0.00	24.57 -2.46 0.00	24.22 -2.63 0.00	24.09 -2.53 0.00	24.19 -2.36 0.00	25.15 -2.55 0.00	24.03 -2.76 0.00	25.78 -2.58 0.00	28.46 -2.88 0.00	29.87 -3.96 0.00	33.16 -4.44 0.00	32.99 -4.67 0.00	33.18 -4.48 0.00	33.22 -4.44 0.00	32.70 -4.37 0.00	33.88 -4.02 0.00	35.69 -4.28 0.00	34.26 -4.02 0.00	33.36 -4.21 0.00	32.14 -4.30 0.00	29.64 -3.85 0.00	27.34 -3.21 0.00	26.76 -2.71 0.00
HUNTLEY___64 23558	27.22 -2.43 0.00	25.30 -2.47 0.00	24.57 -2.46 0.00	24.22 -2.63 0.00	24.09 -2.53 0.00	24.19 -2.36 0.00	25.15 -2.55 0.00	24.03 -2.76 0.00	25.78 -2.58 0.00	28.46 -2.88 0.00	29.87 -3.96 0.00	33.16 -4.44 0.00	32.99 -4.67 0.00	33.18 -4.48 0.00	33.22 -4.44 0.00	32.70 -4.37 0.00	33.88 -4.02 0.00	35.69 -4.28 0.00	34.26 -4.02 0.00	33.36 -4.21 0.00	32.14 -4.30 0.00	29.64 -3.85 0.00	27.34 -3.21 0.00	26.76 -2.71 0.00
HUNTLEY___65 23559	27.22 -2.43 0.00	25.30 -2.47 0.00	24.57 -2.46 0.00	24.22 -2.63 0.00	24.09 -2.53 0.00	24.19 -2.36 0.00	25.15 -2.55 0.00	24.03 -2.76 0.00	25.78 -2.58 0.00	28.46 -2.88 0.00	29.87 -3.96 0.00	33.16 -4.44 0.00	32.99 -4.67 0.00	33.18 -4.48 0.00	33.22 -4.44 0.00	32.70 -4.37 0.00	33.88 -4.02 0.00	35.69 -4.28 0.00	34.26 -4.02 0.00	33.36 -4.21 0.00	32.14 -4.30 0.00	29.64 -3.85 0.00	27.34 -3.21 0.00	26.76 -2.71 0.00
HUNTLEY___66 23560	27.22 -2.43 0.00	25.30 -2.47 0.00	24.57 -2.46 0.00	24.22 -2.63 0.00	24.09 -2.53 0.00	24.19 -2.36 0.00	25.15 -2.55 0.00	24.03 -2.76 0.00	25.78 -2.58 0.00	28.46 -2.88 0.00	29.87 -3.96 0.00	33.16 -4.44 0.00	32.99 -4.67 0.00	33.18 -4.48 0.00	33.22 -4.44 0.00	32.70 -4.37 0.00	33.88 -4.02 0.00	35.69 -4.28 0.00	34.26 -4.02 0.00	33.36 -4.21 0.00	32.14 -4.30 0.00	29.64 -3.85 0.00	27.34 -3.21 0.00	26.76 -2.71 0.00
HUNTLEY___67 23561	27.22 -2.43 0.00	25.27 -2.50 0.00	24.57 -2.46 0.00	24.22 -2.63 0.00	24.11 -2.50 0.00	24.21 -2.34 0.00	25.20 -2.49 0.00	24.06 -2.73 0.00	25.83 -2.52 0.00	28.49 -2.85 0.00	29.90 -3.92 0.00	33.19 -4.40 0.00	33.03 -4.63 0.00	33.22 -4.44 0.00	33.26 -4.41 0.00	32.73 -4.34 0.00	33.88 -4.02 0.00	35.73 -4.24 0.00	34.30 -3.98 0.00	33.39 -4.17 0.00	32.18 -4.26 0.00	29.67 -3.82 0.00	27.37 -3.18 0.00	26.79 -2.68 0.00
HUNTLEY___68 23562	27.22 -2.43 0.00	25.27 -2.50 0.00	24.57 -2.46 0.00	24.22 -2.63 0.00	24.11 -2.50 0.00	24.21 -2.34 0.00	25.20 -2.49 0.00	24.06 -2.73 0.00	25.83 -2.52 0.00	28.49 -2.85 0.00	29.90 -3.92 0.00	33.19 -4.40 0.00	33.03 -4.63 0.00	33.22 -4.44 0.00	33.26 -4.41 0.00	32.73 -4.34 0.00	33.88 -4.02 0.00	35.73 -4.24 0.00	34.30 -3.98 0.00	33.39 -4.17 0.00	32.18 -4.26 0.00	29.67 -3.82 0.00	27.37 -3.18 0.00	26.79 -2.68 0.00

HYLAND___LFGE 323620	29.48 -0.18 0.00	27.47 -0.30 0.00	26.65 -0.38 0.00	26.37 -0.48 0.00	26.16 -0.45 0.00	26.29 -0.27 0.00	27.42 -0.28 0.00	26.44 -0.35 0.00	28.24 -0.11 0.00	31.15 -0.19 0.00	32.78 -1.05 0.00	36.47 -1.13 0.00	36.23 -1.43 0.00	36.42 -1.24 0.00	36.50 -1.17 0.00	36.22 -0.85 0.00	37.79 -0.11 0.00	39.97 0.00 0.00	38.32 0.04 0.00	37.19 -0.38 0.00	35.93 -0.51 0.00	32.95 -0.54 0.00	30.15 -0.40 0.00	29.32 -0.15 0.00
INDECK___CORINTH 23802	31.23 1.57 0.00	29.19 1.42 0.00	28.40 1.38 0.00	28.22 1.37 0.00	27.92 1.30 0.00	27.85 1.30 0.00	29.11 1.41 0.00	28.16 1.37 0.00	29.89 1.53 0.00	33.16 1.82 0.00	35.96 2.13 0.00	40.26 2.67 0.00	40.15 2.49 0.00	40.22 2.56 0.00	40.04 2.37 0.00	39.41 2.34 0.00	40.44 2.54 0.00	42.89 2.92 0.00	41.00 2.72 0.00	39.89 2.33 0.00	38.59 2.15 0.00	35.43 1.94 0.00	32.17 1.62 0.00	30.94 1.47 0.00
INDECK___ILION 23567	30.43 0.77 0.00	28.50 0.72 0.00	27.70 0.68 0.00	27.53 0.67 0.00	27.25 0.64 0.00	27.16 0.61 0.00	28.36 0.66 0.00	27.46 0.67 0.00	29.04 0.68 0.00	32.09 0.75 0.00	34.74 0.91 0.00	38.64 1.05 0.00	38.76 1.09 0.00	38.75 1.09 0.00	38.76 1.09 0.00	38.15 1.08 0.00	39.08 1.17 0.00	41.33 1.36 0.00	39.51 1.23 0.00	38.65 1.09 0.00	37.46 1.02 0.00	34.42 0.94 0.00	31.40 0.86 0.00	30.27 0.80 0.00
INDECK___OLEAN 23982	28.20 -1.45 0.00	26.36 -1.42 0.00	25.65 -1.38 0.00	25.30 -1.56 0.00	25.15 -1.46 0.00	25.25 -1.30 0.00	26.34 -1.36 0.00	25.40 -1.39 0.00	27.28 -1.08 0.00	30.05 -1.29 0.00	31.63 -2.20 0.00	35.11 -2.48 0.00	34.95 -2.71 0.00	35.14 -2.52 0.00	35.18 -2.49 0.00	34.62 -2.45 0.00	35.78 -2.12 0.00	37.85 -2.12 0.00	36.25 -2.03 0.00	35.20 -2.37 0.00	34.03 -2.41 0.00	31.34 -2.14 0.00	28.84 -1.71 0.00	28.12 -1.36 0.00
INDECK___OSWEGO 23783	28.59 -1.07 0.00	26.72 -1.06 0.00	26.00 -1.03 0.00	25.84 -1.02 0.00	25.60 -1.01 0.00	25.57 -0.98 0.00	26.67 -1.02 0.00	25.80 -0.99 0.00	27.34 -1.02 0.00	30.24 -1.10 0.00	32.61 -1.22 0.00	36.31 -1.28 0.00	36.31 -1.35 0.00	36.38 -1.28 0.00	36.31 -1.35 0.00	35.74 -1.33 0.00	36.69 -1.21 0.00	38.77 -1.20 0.00	37.10 -1.19 0.00	36.25 -1.32 0.00	35.13 -1.31 0.00	32.28 -1.20 0.00	29.45 -1.10 0.00	28.41 -1.06 0.00
INDECK___YERKES 23781	27.08 -2.58 0.00	25.30 -2.47 0.00	24.57 -2.46 0.00	24.22 -2.63 0.00	24.11 -2.50 0.00	24.21 -2.34 0.00	25.17 -2.52 0.00	24.03 -2.76 0.00	25.80 -2.55 0.00	28.46 -2.88 0.00	29.87 -3.96 0.00	33.16 -4.44 0.00	33.03 -4.63 0.00	33.18 -4.48 0.00	33.26 -4.41 0.00	32.73 -4.34 0.00	33.92 -3.98 0.00	35.69 -4.28 0.00	34.30 -3.98 0.00	33.36 -4.21 0.00	32.21 -4.23 0.00	29.67 -3.82 0.00	27.37 -3.18 0.00	27.03 -2.45 0.00
INDIAN POINT_GT_1 24139	30.81 1.16 0.00	28.80 1.03 0.00	27.97 0.95 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.51 0.96 0.00	28.77 1.08 0.00	28.00 1.21 0.00	29.69 1.33 0.00	32.88 1.54 0.00	35.52 1.69 0.00	39.40 1.80 0.00	39.59 1.92 0.00	39.51 1.85 0.00	39.55 1.88 0.00	38.96 1.89 0.00	40.02 2.12 0.00	42.73 2.76 0.00	40.89 2.60 0.00	39.70 2.14 0.00	38.48 2.04 0.00	35.33 1.84 0.00	32.14 1.59 0.00	30.83 1.36 0.00
INDIAN POINT_GT_2 23659	30.81 1.16 0.00	28.80 1.03 0.00	27.97 0.95 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.51 0.96 0.00	28.77 1.08 0.00	28.00 1.21 0.00	29.69 1.33 0.00	32.88 1.54 0.00	35.52 1.69 0.00	39.40 1.80 0.00	39.59 1.92 0.00	39.51 1.85 0.00	39.55 1.88 0.00	38.96 1.89 0.00	40.02 2.12 0.00	42.73 2.76 0.00	40.89 2.60 0.00	39.70 2.14 0.00	38.48 2.04 0.00	35.33 1.84 0.00	32.14 1.59 0.00	30.83 1.36 0.00
INDIAN POINT_GT_3 24019	30.81 1.16 0.00	28.80 1.03 0.00	27.97 0.95 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.51 0.96 0.00	28.77 1.08 0.00	28.00 1.21 0.00	29.69 1.33 0.00	32.88 1.54 0.00	35.52 1.69 0.00	39.40 1.80 0.00	39.59 1.92 0.00	39.51 1.85 0.00	39.55 1.88 0.00	38.96 1.89 0.00	40.02 2.12 0.00	42.73 2.76 0.00	40.89 2.60 0.00	39.70 2.14 0.00	38.48 2.04 0.00	35.33 1.84 0.00	32.14 1.59 0.00	30.83 1.36 0.00
INDIAN POINT___2 23530	30.81 1.16 0.00	28.77 1.00 0.00	27.92 0.89 0.00	27.82 0.97 0.00	27.55 0.93 0.00	27.48 0.93 0.00	28.75 1.05 0.00	27.97 1.18 0.00	29.66 1.31 0.00	32.81 1.47 0.00	35.48 1.66 0.00	39.58 1.99 0.00	39.51 1.85 0.00	39.62 1.96 0.00	39.47 1.81 0.00	38.89 1.82 0.00	39.98 2.08 0.00	42.65 2.68 0.00	40.81 2.53 0.00	39.63 2.06 0.00	38.40 1.97 0.00	35.26 1.77 0.00	32.10 1.56 0.00	30.68 1.21 0.00
INDIAN POINT___3 23531	30.81 1.16 0.00	28.77 1.00 0.00	27.94 0.92 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.51 0.96 0.00	28.75 1.05 0.00	27.97 1.18 0.00	29.69 1.33 0.00	32.84 1.50 0.00	35.48 1.66 0.00	39.36 1.77 0.00	39.55 1.88 0.00	39.47 1.81 0.00	39.51 1.85 0.00	38.92 1.85 0.00	40.02 2.12 0.00	42.69 2.72 0.00	40.85 2.56 0.00	39.67 2.10 0.00	38.44 2.00 0.00	35.30 1.81 0.00	32.11 1.56 0.00	30.80 1.33 0.00
INGHAM_C_115KV_TB7 356103	31.11 1.45 0.00	29.11 1.33 0.00	28.30 1.27 0.00	28.09 1.24 0.00	27.79 1.17 0.00	27.67 1.12 0.00	28.86 1.16 0.00	27.94 1.15 0.00	29.55 1.19 0.00	32.69 1.35 0.00	35.35 1.52 0.00	39.36 1.77 0.00	39.51 1.85 0.00	39.55 1.88 0.00	39.55 1.88 0.00	38.92 1.85 0.00	39.91 2.01 0.00	42.21 2.24 0.00	40.35 2.07 0.00	39.44 1.88 0.00	38.22 1.79 0.00	35.16 1.67 0.00	32.04 1.50 0.00	30.89 1.41 0.00
IP CORINTH___1 23988	31.17 1.51 0.00	29.19 1.42 0.00	28.40 1.38 0.00	28.23 1.37 0.00	27.92 1.30 0.00	27.85 1.30 0.00	29.11 1.41 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.16 1.82 0.00	35.96 2.13 0.00	40.15 2.56 0.00	40.15 2.49 0.00	40.15 2.49 0.00	40.04 2.37 0.00	39.41 2.34 0.00	40.44 2.54 0.00	42.89 2.92 0.00	41.04 2.76 0.00	39.89 2.33 0.00	38.59 2.15 0.00	35.43 1.94 0.00	32.17 1.62 0.00	30.97 1.50 0.00
IP___TICONDEROGA 23804	32.33 2.67 0.00	30.19 2.42 0.00	29.40 2.38 0.00	29.19 2.34 0.00	28.88 2.26 0.00	28.81 2.26 0.00	30.10 2.41 0.00	29.15 2.36 0.00	31.02 2.67 0.00	34.54 3.20 0.00	37.51 3.69 0.00	42.07 4.47 0.00	42.00 4.33 0.00	41.92 4.26 0.00	41.70 4.03 0.00	41.00 3.93 0.00	42.15 4.24 0.00	44.69 4.72 0.00	42.76 4.48 0.00	41.51 3.94 0.00	40.08 3.64 0.00	36.74 3.25 0.00	33.30 2.75 0.00	32.06 2.59 0.00
ISLIP_RES_REC 323679	36.05 2.31 -4.08	34.84 2.17 -4.90	32.76 2.03 -3.71	30.65 2.10 -1.70	29.76 2.05 -1.10	31.29 2.04 -2.70	29.92 2.22 -0.01	34.68 2.28 -5.61	41.01 2.52 -10.13	45.70 2.85 -11.51	52.38 3.18 -15.38	55.06 3.72 -13.75	56.09 3.54 -14.89	53.85 3.69 -12.49	53.88 3.58 -12.64	53.56 3.52 -12.97	55.48 4.09 -13.48	64.24 4.75 -19.51	61.21 4.52 -18.41	55.95 4.02 -14.36	54.11 3.75 -13.92	49.81 3.22 -13.11	47.53 2.87 -14.12	45.68 2.53 -13.67

JAMAICA__27_KV_LOAD 355505	31.05 1.39 0.00	28.94 1.17 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.77 1.22 0.00	29.05 1.36 0.00	28.40 1.61 0.00	30.14 1.79 0.00	33.44 2.10 0.00	36.16 2.33 0.00	40.07 2.48 0.00	40.30 2.64 0.00	40.19 2.52 0.00	40.30 2.64 0.00	39.70 2.63 0.00	40.90 2.99 0.00	43.77 3.80 0.00	41.88 3.60 0.00	40.64 3.08 0.00	39.35 2.92 0.00	36.00 2.51 0.00	32.66 2.11 0.00	31.21 1.74 0.00
JANIS__SOLAR 323808	30.81 1.16 0.00	28.80 1.03 0.00	28.03 1.00 0.00	27.77 0.91 0.00	27.49 0.88 0.00	27.56 1.01 0.00	28.83 1.14 0.00	27.94 1.15 0.00	29.66 1.31 0.00	32.72 1.38 0.00	35.21 1.39 0.00	39.32 1.73 0.00	39.32 1.66 0.00	39.36 1.70 0.00	39.28 1.62 0.00	38.66 1.59 0.00	39.95 2.05 0.00	42.45 2.48 0.00	40.42 2.14 0.00	39.29 1.73 0.00	38.08 1.64 0.00	34.89 1.41 0.00	31.80 1.25 0.00	30.71 1.24 0.00
JARVIS____ 23743	29.89 0.24 0.00	27.97 0.20 0.00	27.22 0.19 0.00	27.07 0.21 0.00	26.80 0.19 0.00	26.74 0.19 0.00	27.91 0.22 0.00	27.00 0.21 0.00	28.56 0.20 0.00	31.56 0.22 0.00	34.13 0.30 0.00	38.01 0.41 0.00	38.04 0.38 0.00	38.08 0.42 0.00	38.00 0.34 0.00	37.40 0.33 0.00	38.32 0.42 0.00	40.53 0.56 0.00	38.78 0.50 0.00	37.94 0.38 0.00	36.77 0.33 0.00	33.79 0.30 0.00	30.82 0.27 0.00	29.71 0.23 0.00
JENNISON____1 23625	31.08 1.42 0.00	29.02 1.25 0.00	28.27 1.24 0.00	28.04 1.18 0.00	27.76 1.14 0.00	27.77 1.22 0.00	29.05 1.36 0.00	28.24 1.45 0.00	30.00 1.64 0.00	33.13 1.79 0.00	35.75 1.93 0.00	39.81 2.22 0.00	39.93 2.26 0.00	39.92 2.26 0.00	39.81 2.15 0.00	39.18 2.11 0.00	40.36 2.46 0.00	42.89 2.92 0.00	40.85 2.56 0.00	39.70 2.14 0.00	38.48 2.04 0.00	35.30 1.81 0.00	32.17 1.62 0.00	30.97 1.50 0.00
JENNISON____2 23626	31.08 1.42 0.00	29.02 1.25 0.00	28.27 1.24 0.00	28.04 1.18 0.00	27.76 1.14 0.00	27.77 1.22 0.00	29.05 1.36 0.00	28.24 1.45 0.00	30.00 1.64 0.00	33.13 1.79 0.00	35.75 1.93 0.00	39.81 2.22 0.00	39.93 2.26 0.00	39.92 2.26 0.00	39.81 2.15 0.00	39.18 2.11 0.00	40.36 2.46 0.00	42.89 2.92 0.00	40.85 2.56 0.00	39.70 2.14 0.00	38.48 2.04 0.00	35.30 1.81 0.00	32.17 1.62 0.00	30.97 1.50 0.00
JERICOHO_RISE_WT_PWR 323719	30.67 1.01 0.00	28.77 1.00 0.00	27.97 0.95 0.00	27.77 0.91 0.00	27.52 0.91 0.00	27.51 0.95 0.00	28.36 0.66 0.00	27.43 0.64 0.00	28.98 0.62 0.00	32.03 0.69 0.00	34.70 0.88 0.00	38.23 0.64 0.00	38.57 0.90 0.00	38.30 0.64 0.00	38.49 0.83 0.00	37.81 0.74 0.00	38.43 0.53 0.00	40.25 0.28 0.00	38.59 0.30 0.00	38.24 0.68 0.00	37.09 0.66 0.00	34.06 0.57 0.00	31.01 0.46 0.00	30.30 0.82 0.00
KATONAH__115KV_46KV_TB4 355592	31.05 1.39 0.00	29.02 1.25 0.00	28.21 1.19 0.00	28.09 1.24 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.94 1.25 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.03 1.69 0.00	35.75 1.93 0.00	39.70 2.11 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.77 2.11 0.00	39.18 2.11 0.00	40.25 2.35 0.00	42.97 3.00 0.00	41.08 2.79 0.00	39.93 2.37 0.00	38.70 2.26 0.00	35.53 2.04 0.00	32.29 1.74 0.00	31.00 1.53 0.00
KCE_NY_1 323755	31.17 1.51 0.00	29.16 1.39 0.00	28.38 1.35 0.00	28.20 1.34 0.00	27.92 1.30 0.00	27.83 1.27 0.00	29.08 1.38 0.00	28.10 1.31 0.00	29.77 1.42 0.00	33.00 1.66 0.00	35.75 1.93 0.00	39.96 2.37 0.00	39.89 2.22 0.00	39.96 2.30 0.00	39.81 2.15 0.00	39.18 2.11 0.00	40.21 2.31 0.00	42.61 2.64 0.00	40.77 2.49 0.00	39.70 2.14 0.00	38.44 2.00 0.00	35.33 1.84 0.00	32.13 1.59 0.00	30.92 1.44 0.00
KCE_NY_6_ESR 323823	27.55 -2.10 0.00	25.75 -2.03 0.00	25.00 -2.03 0.00	24.68 -2.17 0.00	24.54 -2.08 0.00	24.64 -1.91 0.00	25.64 -2.05 0.00	24.54 -2.25 0.00	26.31 -2.04 0.00	29.05 -2.29 0.00	30.51 -3.31 0.00	33.87 -3.72 0.00	33.75 -3.92 0.00	33.90 -3.77 0.00	33.98 -3.69 0.00	33.44 -3.63 0.00	34.60 -3.30 0.00	36.49 -3.48 0.00	35.03 -3.25 0.00	34.07 -3.49 0.00	32.90 -3.53 0.00	30.30 -3.18 0.00	27.95 -2.60 0.00	27.50 -1.97 0.00
KEDC_PORT_JEFF_GT2 24210	35.93 2.19 -4.08	34.70 2.03 -4.90	32.65 1.92 -3.71	30.51 1.96 -1.70	29.65 1.94 -1.10	31.18 1.94 -2.70	29.81 2.10 -0.01	34.57 2.17 -5.61	40.87 2.38 -10.13	45.57 2.73 -11.51	52.21 3.01 -15.38	54.87 3.53 -13.75	55.87 3.32 -14.89	53.62 3.46 -12.49	53.66 3.35 -12.64	53.34 3.30 -12.97	55.25 3.87 -13.48	63.96 4.48 -19.51	60.94 4.25 -18.41	55.68 3.76 -14.36	53.89 3.53 -13.92	49.64 3.05 -13.11	47.38 2.72 -14.12	45.53 2.39 -13.67
KEDC_PORT_JEFF_GT3 24211	35.93 2.19 -4.08	34.70 2.03 -4.90	32.65 1.92 -3.71	30.51 1.96 -1.70	29.65 1.94 -1.10	31.18 1.94 -2.70	29.81 2.10 -0.01	34.57 2.17 -5.61	40.87 2.38 -10.13	45.57 2.73 -11.51	52.21 3.01 -15.38	54.87 3.53 -13.75	55.87 3.32 -14.89	53.62 3.46 -12.49	53.66 3.35 -12.64	53.34 3.30 -12.97	55.25 3.87 -13.48	63.96 4.48 -19.51	60.94 4.25 -18.41	55.68 3.76 -14.36	53.89 3.53 -13.92	49.64 3.05 -13.11	47.38 2.72 -14.12	45.53 2.39 -13.67
KEDC_GLWD_GT4 24219	35.67 1.93 -4.08	34.37 1.69 -4.90	32.30 1.57 -3.71	30.16 1.61 -1.70	29.31 1.60 -1.10	30.84 1.59 -2.70	29.42 1.72 -0.01	34.28 1.87 -5.61	40.53 2.04 -10.13	45.20 2.35 -11.51	51.77 2.57 -15.38	54.42 3.08 -13.75	55.49 2.94 -14.89	53.20 3.05 -12.49	53.21 2.90 -12.64	52.90 2.85 -12.97	54.26 2.88 -13.48	63.04 3.56 -19.51	60.07 3.37 -18.41	54.82 2.89 -14.36	53.35 2.99 -13.92	49.31 2.71 -13.11	47.02 2.35 -14.12	45.12 1.97 -13.67
KEDC_GLWD_GT5 24220	35.67 1.93 -4.08	34.37 1.69 -4.90	32.30 1.57 -3.71	30.16 1.61 -1.70	29.31 1.60 -1.10	30.84 1.59 -2.70	29.42 1.72 -0.01	34.28 1.87 -5.61	40.53 2.04 -10.13	45.20 2.35 -11.51	51.77 2.57 -15.38	54.42 3.08 -13.75	55.49 2.94 -14.89	53.20 3.05 -12.49	53.21 2.90 -12.64	52.90 2.85 -12.97	54.26 2.88 -13.48	63.04 3.56 -19.51	60.07 3.37 -18.41	54.82 2.89 -14.36	53.35 2.99 -13.92	49.31 2.71 -13.11	47.02 2.35 -14.12	45.12 1.97 -13.67
KENSICO____ 23655	30.90 1.25 0.00	28.88 1.11 0.00	28.05 1.03 0.00	27.93 1.07 0.00	27.68 1.06 0.00	27.59 1.04 0.00	28.86 1.16 0.00	28.08 1.29 0.00	29.80 1.45 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.51 1.92 0.00	39.70 2.03 0.00	39.62 1.96 0.00	39.70 2.03 0.00	39.07 2.00 0.00	40.18 2.27 0.00	42.89 2.92 0.00	41.04 2.76 0.00	39.85 2.29 0.00	38.62 2.19 0.00	35.43 1.94 0.00	32.23 1.68 0.00	30.92 1.44 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.08 1.42 0.00	29.00 1.22 0.00	28.16 1.14 0.00	28.01 1.15 0.00	27.73 1.12 0.00	27.69 1.14 0.00	28.94 1.25 0.00	28.05 1.26 0.00	29.83 1.47 0.00	33.00 1.66 0.00	35.65 1.83 0.00	39.55 1.95 0.00	39.74 2.07 0.00	39.66 2.00 0.00	39.74 2.07 0.00	39.15 2.08 0.00	40.33 2.43 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.00 2.44 0.00	38.73 2.30 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.03 1.56 0.00

LYONS_FALL_HYD 23570	29.92 0.27 0.00	28.02 0.25 0.00	27.24 0.22 0.00	27.07 0.21 0.00	26.80 0.19 0.00	26.79 0.24 0.00	27.94 0.25 0.00	27.00 0.21 0.00	28.56 0.20 0.00	31.53 0.19 0.00	34.23 0.41 0.00	38.12 0.53 0.00	38.38 0.71 0.00	38.42 0.75 0.00	38.27 0.60 0.00	37.70 0.63 0.00	38.66 0.76 0.00	40.93 0.96 0.00	39.01 0.73 0.00	38.16 0.60 0.00	36.99 0.55 0.00	33.99 0.50 0.00	30.97 0.43 0.00	29.85 0.38 0.00
MADISON___COUNTY_LFGE 323628	30.25 0.59 0.00	28.30 0.53 0.00	27.54 0.51 0.00	27.37 0.51 0.00	27.09 0.48 0.00	27.11 0.56 0.00	28.33 0.64 0.00	27.43 0.64 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.77 0.95 0.00	38.64 1.05 0.00	38.80 1.13 0.00	38.83 1.17 0.00	38.76 1.09 0.00	38.18 1.11 0.00	39.11 1.21 0.00	41.41 1.44 0.00	39.47 1.19 0.00	38.54 0.98 0.00	37.35 0.91 0.00	34.29 0.80 0.00	31.28 0.73 0.00	30.15 0.68 0.00
MALONE___115KV_TB1 356076	30.90 1.25 0.00	28.91 1.14 0.00	28.11 1.08 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.67 1.12 0.00	28.50 0.80 0.00	27.59 0.80 0.00	29.15 0.79 0.00	32.22 0.88 0.00	34.94 1.12 0.00	38.64 1.05 0.00	38.80 1.13 0.00	38.64 0.98 0.00	38.68 1.02 0.00	38.00 0.93 0.00	38.62 0.72 0.00	40.49 0.52 0.00	38.78 0.50 0.00	38.43 0.86 0.00	37.31 0.87 0.00	34.29 0.80 0.00	31.25 0.70 0.00	30.50 1.03 0.00
MAPLEWOD_115KV_TB3 80458	30.69 1.04 0.00	28.86 1.08 0.00	28.11 1.08 0.00	27.93 1.07 0.00	27.68 1.06 0.00	27.59 1.04 0.00	28.80 1.11 0.00	27.81 1.02 0.00	29.26 0.91 0.00	32.31 0.97 0.00	34.97 1.15 0.00	38.91 1.32 0.00	39.02 1.36 0.00	38.98 1.32 0.00	38.98 1.32 0.00	38.37 1.30 0.00	39.34 1.44 0.00	41.69 1.72 0.00	39.89 1.61 0.00	38.88 1.31 0.00	37.64 1.20 0.00	34.66 1.17 0.00	31.62 1.07 0.00	30.53 1.06 0.00
MAPLE_RIDGE_WT_1 323574	29.72 0.06 0.00	27.86 0.08 0.00	27.11 0.08 0.00	26.94 0.08 0.00	26.67 0.05 0.00	26.60 0.05 0.00	27.72 0.03 0.00	26.82 0.03 0.00	28.36 0.00 0.00	31.31 -0.03 0.00	33.86 0.03 0.00	37.55 -0.04 0.00	37.67 0.00 0.00	37.62 -0.04 0.00	37.67 0.00 0.00	37.00 -0.07 0.00	37.67 -0.23 0.00	39.57 -0.40 0.00	37.90 -0.38 0.00	37.30 -0.26 0.00	36.19 -0.25 0.00	33.25 -0.23 0.00	30.30 -0.25 0.00	29.30 -0.18 0.00
MAPLE_RIDGE_WT_2 323611	29.72 0.06 0.00	27.86 0.08 0.00	27.11 0.08 0.00	26.94 0.08 0.00	26.67 0.05 0.00	26.60 0.05 0.00	27.72 0.03 0.00	26.82 0.03 0.00	28.36 0.00 0.00	31.31 -0.03 0.00	33.86 0.03 0.00	37.55 -0.04 0.00	37.67 0.00 0.00	37.62 -0.04 0.00	37.67 0.00 0.00	37.00 -0.07 0.00	37.67 -0.23 0.00	39.57 -0.40 0.00	37.90 -0.38 0.00	37.30 -0.26 0.00	36.19 -0.25 0.00	33.25 -0.23 0.00	30.30 -0.25 0.00	29.30 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	30.69 1.04 0.00	28.80 1.03 0.00	28.00 0.97 0.00	27.82 0.97 0.00	27.57 0.96 0.00	27.56 1.01 0.00	28.36 0.66 0.00	27.43 0.64 0.00	28.98 0.62 0.00	32.03 0.69 0.00	34.70 0.88 0.00	38.27 0.68 0.00	38.57 0.90 0.00	38.34 0.68 0.00	38.49 0.83 0.00	37.81 0.74 0.00	38.43 0.53 0.00	40.29 0.32 0.00	38.63 0.34 0.00	38.24 0.68 0.00	37.09 0.66 0.00	34.06 0.57 0.00	31.01 0.46 0.00	30.33 0.86 0.00
MARSHVLE_115KV_TB1 80742	30.25 0.59 0.00	28.30 0.53 0.00	27.54 0.51 0.00	27.37 0.51 0.00	27.07 0.45 0.00	27.03 0.48 0.00	28.28 0.58 0.00	27.41 0.62 0.00	29.12 0.77 0.00	32.25 0.91 0.00	34.97 1.15 0.00	39.06 1.47 0.00	39.06 1.39 0.00	39.06 1.39 0.00	38.98 1.32 0.00	38.44 1.37 0.00	39.61 1.71 0.00	42.05 2.08 0.00	40.20 1.91 0.00	39.10 1.54 0.00	37.79 1.35 0.00	34.63 1.14 0.00	31.40 0.86 0.00	30.18 0.71 0.00
MARSH_HILL_WT_PWR 323713	29.00 -0.65 0.00	27.05 -0.72 0.00	26.27 -0.76 0.00	25.97 -0.89 0.00	25.76 -0.85 0.00	25.84 -0.72 0.00	26.89 -0.80 0.00	25.80 -0.99 0.00	27.59 -0.76 0.00	30.50 -0.84 0.00	32.34 -1.49 0.00	35.98 -1.62 0.00	35.86 -1.81 0.00	36.04 -1.62 0.00	35.97 -1.69 0.00	35.48 -1.59 0.00	36.65 -1.25 0.00	38.73 -1.24 0.00	37.10 -1.19 0.00	35.95 -1.61 0.00	34.87 -1.57 0.00	31.98 -1.51 0.00	29.32 -1.22 0.00	28.56 -0.91 0.00
MCINTYRE_115KV_TB2 80467	30.46 0.80 0.00	28.52 0.75 0.00	27.73 0.70 0.00	27.55 0.70 0.00	27.28 0.67 0.00	27.21 0.66 0.00	28.22 0.53 0.00	27.38 0.59 0.00	28.95 0.60 0.00	31.75 0.41 0.00	34.50 0.68 0.00	38.27 0.68 0.00	38.23 0.56 0.00	38.26 0.60 0.00	38.23 0.56 0.00	37.59 0.52 0.00	38.20 0.30 0.00	39.97 0.00 0.00	38.28 0.00 0.00	37.98 0.41 0.00	36.91 0.47 0.00	34.06 0.57 0.00	31.13 0.58 0.00	30.30 0.83 0.00
MECO_____69_KV_BK1 80468	32.00 2.34 0.00	29.94 2.17 0.00	29.13 2.11 0.00	28.92 2.07 0.00	28.56 1.94 0.00	28.54 1.99 0.00	29.88 2.19 0.00	28.91 2.12 0.00	30.74 2.38 0.00	34.13 2.79 0.00	37.04 3.21 0.00	41.58 3.98 0.00	41.47 3.80 0.00	41.47 3.80 0.00	41.39 3.73 0.00	40.89 3.82 0.00	42.15 4.24 0.00	44.73 4.76 0.00	42.72 4.44 0.00	41.47 3.91 0.00	40.01 3.57 0.00	36.63 3.15 0.00	33.17 2.63 0.00	31.89 2.42 0.00
MENANDS___115KV_TB5 355628	30.58 0.92 0.00	28.80 1.03 0.00	28.03 1.00 0.00	27.88 1.02 0.00	27.60 0.98 0.00	27.51 0.96 0.00	28.72 1.02 0.00	27.76 0.96 0.00	29.15 0.79 0.00	32.16 0.81 0.00	34.81 0.98 0.00	38.72 1.13 0.00	38.80 1.13 0.00	38.79 1.13 0.00	38.76 1.09 0.00	38.15 1.08 0.00	39.15 1.25 0.00	41.49 1.52 0.00	39.66 1.38 0.00	38.65 1.09 0.00	37.46 1.02 0.00	34.49 1.00 0.00	31.46 0.92 0.00	30.41 0.94 0.00
MG INDUSTRY___DRP 24185	30.61 0.95 0.00	28.80 1.03 0.00	28.05 1.03 0.00	27.88 1.02 0.00	27.60 0.98 0.00	27.51 0.96 0.00	28.72 1.02 0.00	27.70 0.91 0.00	29.15 0.79 0.00	32.19 0.85 0.00	34.81 0.98 0.00	38.72 1.13 0.00	38.80 1.13 0.00	38.79 1.13 0.00	38.80 1.13 0.00	38.18 1.11 0.00	39.11 1.21 0.00	41.41 1.44 0.00	39.66 1.38 0.00	38.65 1.09 0.00	37.46 1.02 0.00	34.49 1.00 0.00	31.46 0.92 0.00	30.41 0.94 0.00
MID___OSWEGATCHIE_HYD 23849	29.42 -0.24 0.00	27.52 -0.25 0.00	26.75 -0.27 0.00	26.59 -0.27 0.00	26.32 -0.29 0.00	26.26 -0.29 0.00	27.25 -0.44 0.00	26.34 -0.46 0.00	27.85 -0.51 0.00	30.59 -0.75 0.00	33.25 -0.58 0.00	36.95 -0.64 0.00	37.06 -0.60 0.00	37.06 -0.60 0.00	36.99 -0.68 0.00	36.40 -0.67 0.00	37.14 -0.76 0.00	39.13 -0.84 0.00	37.40 -0.88 0.00	36.85 -0.71 0.00	35.75 -0.69 0.00	32.98 -0.50 0.00	30.18 -0.37 0.00	29.27 -0.21 0.00
MID___RAQUETTE_HYD 23851	29.95 0.30 0.00	28.02 0.25 0.00	27.27 0.24 0.00	27.10 0.24 0.00	26.83 0.21 0.00	26.74 0.19 0.00	27.61 -0.08 0.00	26.74 -0.05 0.00	28.24 -0.11 0.00	30.93 -0.41 0.00	33.59 -0.24 0.00	37.25 -0.34 0.00	37.18 -0.49 0.00	37.17 -0.49 0.00	37.18 -0.49 0.00	36.51 -0.56 0.00	37.11 -0.80 0.00	38.85 -1.12 0.00	37.25 -1.03 0.00	36.92 -0.64 0.00	35.86 -0.58 0.00	33.22 -0.27 0.00	30.49 -0.06 0.00	29.74 0.27 0.00

MUNSVILLE_WIND_PWR 323609	31.97 2.31 0.00	29.86 2.08 0.00	29.05 2.03 0.00	28.79 1.93 0.00	28.42 1.81 0.00	28.52 1.96 0.00	29.88 2.19 0.00	29.12 2.33 0.00	30.88 2.52 0.00	34.07 2.73 0.00	36.80 2.98 0.00	41.12 3.53 0.00	41.17 3.50 0.00	41.20 3.54 0.00	40.98 3.32 0.00	40.33 3.26 0.00	41.65 3.75 0.00	44.33 4.36 0.00	42.11 3.83 0.00	40.83 3.27 0.00	39.57 3.13 0.00	36.23 2.75 0.00	32.99 2.44 0.00	31.83 2.36 0.00
N SALMON___HYD 24042	30.78 1.13 0.00	28.91 1.14 0.00	28.11 1.08 0.00	27.90 1.05 0.00	27.65 1.04 0.00	27.67 1.11 0.00	28.50 0.80 0.00	27.59 0.80 0.00	29.15 0.79 0.00	32.22 0.88 0.00	34.94 1.11 0.00	38.46 0.87 0.00	38.79 1.13 0.00	38.53 0.87 0.00	38.68 1.02 0.00	38.00 0.93 0.00	38.62 0.72 0.00	40.49 0.52 0.00	38.82 0.54 0.00	38.43 0.86 0.00	37.31 0.87 0.00	34.29 0.80 0.00	31.22 0.67 0.00	30.47 1.00 0.00
N.AKRON___115KV_KNAPP 355671	27.61 -2.05 0.00	25.58 -2.19 0.00	24.84 -2.19 0.00	24.52 -2.34 0.00	24.43 -2.18 0.00	24.53 -2.02 0.00	25.48 -2.22 0.00	24.41 -2.38 0.00	26.17 -2.18 0.00	28.93 -2.41 0.00	30.41 -3.42 0.00	33.80 -3.80 0.00	33.60 -4.07 0.00	33.82 -3.84 0.00	33.86 -3.80 0.00	33.33 -3.74 0.00	34.57 -3.34 0.00	36.37 -3.60 0.00	34.95 -3.33 0.00	33.99 -3.57 0.00	32.76 -3.68 0.00	30.17 -3.32 0.00	27.77 -2.78 0.00	27.14 -2.33 0.00
N.BELMOR_69_KV_BK1 55787	35.64 1.90 -4.08	34.37 1.69 -4.90	32.33 1.59 -3.71	30.19 1.64 -1.70	29.33 1.62 -1.10	30.87 1.62 -2.70	29.44 1.74 0.00	34.28 1.88 -5.61	40.53 2.04 -10.13	45.17 2.32 -11.51	51.77 2.57 -15.38	54.16 2.82 -13.75	55.49 2.94 -14.89	53.02 2.86 -12.49	53.20 2.90 -12.64	52.93 2.89 -12.97	54.61 3.22 -13.48	63.40 3.92 -19.51	60.41 3.71 -18.41	55.16 3.23 -14.36	53.42 3.06 -13.92	49.34 2.75 -13.11	47.05 2.38 -14.12	45.24 2.09 -13.67
N.E_GEN_SANDY PD 24062	33.18 1.30 -2.22	31.60 1.17 -2.66	31.16 1.13 -3.00	30.70 1.15 -2.69	29.94 1.12 -2.21	30.64 1.09 -3.00	30.76 1.19 -1.88	32.19 1.18 -4.22	38.08 1.22 -8.51	41.61 1.38 -8.89	45.00 1.56 -9.62	46.27 1.88 -6.80	46.00 1.77 -6.57	45.10 1.84 -5.59	46.19 1.73 -6.79	48.00 1.74 -9.19	49.65 1.93 -9.82	52.60 2.32 -10.31	53.00 2.18 -12.54	51.00 1.84 -11.60	47.00 1.75 -8.81	44.30 1.64 -9.17	40.08 1.47 -8.07	38.01 1.27 -7.27
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.78 1.13 0.00	28.75 0.97 0.00	27.92 0.89 0.00	27.80 0.94 0.00	27.55 0.93 0.00	27.45 0.90 0.00	28.72 1.02 0.00	27.94 1.15 0.00	29.66 1.30 0.00	32.81 1.47 0.00	35.45 1.62 0.00	39.32 1.73 0.00	39.51 1.85 0.00	39.43 1.77 0.00	39.47 1.81 0.00	38.85 1.78 0.00	39.95 2.05 0.00	42.65 2.68 0.00	40.81 2.53 0.00	39.63 2.07 0.00	38.41 1.97 0.00	35.26 1.77 0.00	32.07 1.53 0.00	30.77 1.30 0.00
N.QUEENS_27_KV_LOAD 356247	30.54 0.89 0.01	28.52 0.75 0.01	27.73 0.70 0.00	27.63 0.78 0.00	27.39 0.77 0.00	27.27 0.72 0.00	28.52 0.83 0.01	27.83 1.04 0.01	29.51 1.16 0.01	32.71 1.38 0.01	35.41 1.59 0.01	39.31 1.73 0.01	39.50 1.85 0.01	39.39 1.73 0.01	39.47 1.81 0.01	38.88 1.82 0.01	40.05 2.16 0.01	42.80 2.84 0.01	40.92 2.64 0.01	39.73 2.18 0.01	38.47 2.04 0.01	35.22 1.74 0.01	32.01 1.47 0.01	30.62 1.15 0.00
N.TROY___115KV_TB1 355778	30.81 1.16 0.00	28.88 1.11 0.00	28.11 1.08 0.00	27.96 1.10 0.00	27.68 1.06 0.00	27.59 1.04 0.00	28.83 1.14 0.00	27.86 1.07 0.00	29.43 1.08 0.00	32.56 1.22 0.00	35.25 1.42 0.00	39.21 1.62 0.00	39.28 1.62 0.00	39.28 1.62 0.00	39.25 1.58 0.00	38.63 1.56 0.00	39.64 1.74 0.00	42.01 2.04 0.00	40.23 1.95 0.00	39.18 1.62 0.00	37.97 1.53 0.00	34.93 1.44 0.00	31.80 1.25 0.00	30.65 1.18 0.00
NARROWS_GT1_1 24228	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT1_2 24229	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT1_3 24230	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT1_4 24231	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT1_5 24232	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT1_6 24233	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT1_7 24234	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00

NARROWS_GT1_8 24235	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT2_1 24236	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT2_2 24237	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT2_3 24238	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT2_4 24239	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT2_5 24240	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT2_6 24241	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT2_7 24242	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NARROWS_GT2_8 24243	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.11 1.45 0.00	29.33 1.56 0.00	28.57 1.54 0.00	28.36 1.50 0.00	28.05 1.44 0.00	27.98 1.43 0.00	29.22 1.52 0.00	28.05 1.26 0.00	29.49 1.13 0.00	32.53 1.19 0.00	35.21 1.39 0.00	39.25 1.65 0.00	39.28 1.62 0.00	39.28 1.62 0.00	39.21 1.54 0.00	38.63 1.56 0.00	39.68 1.78 0.00	42.13 2.16 0.00	40.31 2.03 0.00	39.18 1.62 0.00	37.93 1.49 0.00	34.96 1.47 0.00	31.83 1.28 0.00	30.86 1.39 0.00
NCHELSEA_115KV_TR2 355582	31.02 1.36 0.00	29.00 1.22 0.00	28.19 1.16 0.00	28.04 1.18 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.94 1.25 0.00	28.05 1.26 0.00	29.77 1.42 0.00	32.94 1.60 0.00	35.65 1.83 0.00	39.58 1.99 0.00	39.74 2.07 0.00	39.70 2.03 0.00	39.70 2.03 0.00	39.11 2.04 0.00	40.18 2.27 0.00	42.89 2.92 0.00	41.04 2.76 0.00	39.85 2.29 0.00	38.59 2.15 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.97 1.50 0.00
NEG CAPITAL___MECHNVIL 23645	31.17 1.51 0.00	29.13 1.36 0.00	28.35 1.32 0.00	28.17 1.32 0.00	27.89 1.28 0.00	27.83 1.27 0.00	29.05 1.36 0.00	28.08 1.29 0.00	29.75 1.39 0.00	32.97 1.63 0.00	35.72 1.89 0.00	39.92 2.33 0.00	39.85 2.18 0.00	39.92 2.26 0.00	39.77 2.11 0.00	39.15 2.07 0.00	40.17 2.27 0.00	42.61 2.64 0.00	40.77 2.49 0.00	39.70 2.14 0.00	38.40 1.97 0.00	35.29 1.81 0.00	32.10 1.56 0.00	30.92 1.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.73 -1.93 0.00	25.91 -1.86 0.00	25.16 -1.86 0.00	24.95 -1.91 0.00	24.75 -1.86 0.00	24.80 -1.75 0.00	25.87 -1.83 0.00	24.92 -1.88 0.00	26.57 -1.79 0.00	29.43 -1.91 0.00	31.39 -2.44 0.00	34.96 -2.63 0.00	34.84 -2.83 0.00	34.99 -2.67 0.00	35.03 -2.64 0.00	34.44 -2.63 0.00	35.51 -2.39 0.00	37.45 -2.52 0.00	35.87 -2.41 0.00	34.97 -2.59 0.00	33.81 -2.62 0.00	31.04 -2.44 0.00	28.44 -2.11 0.00	27.64 -1.83 0.00
NEG CENTRAL___DRP 24199	29.18 -0.47 0.00	27.22 -0.56 0.00	26.48 -0.54 0.00	26.24 -0.62 0.00	26.03 -0.59 0.00	26.07 -0.48 0.00	27.22 -0.47 0.00	26.26 -0.54 0.00	27.93 -0.43 0.00	30.90 -0.44 0.00	33.15 -0.68 0.00	36.84 -0.75 0.00	36.76 -0.90 0.00	36.83 -0.83 0.00	36.87 -0.79 0.00	36.37 -0.70 0.00	37.37 -0.53 0.00	39.57 -0.40 0.00	37.86 -0.42 0.00	36.85 -0.71 0.00	35.75 -0.69 0.00	32.78 -0.70 0.00	29.94 -0.61 0.00	28.91 -0.56 0.00
NEG CENTRAL___INDECK 23768	29.15 -0.50 0.00	27.19 -0.58 0.00	26.38 -0.65 0.00	26.10 -0.75 0.00	25.90 -0.72 0.00	25.99 -0.56 0.00	27.11 -0.58 0.00	26.09 -0.70 0.00	27.90 -0.45 0.00	30.84 -0.50 0.00	32.61 -1.22 0.00	36.31 -1.28 0.00	36.08 -1.58 0.00	36.27 -1.39 0.00	36.31 -1.35 0.00	35.88 -1.19 0.00	37.26 -0.64 0.00	39.37 -0.60 0.00	37.71 -0.57 0.00	36.63 -0.94 0.00	35.42 -1.02 0.00	32.48 -1.00 0.00	29.75 -0.79 0.00	28.97 -0.50 0.00

NEG CENTRAL___SENECA 23627	29.30 -0.36 0.00	27.30 -0.47 0.00	26.54 -0.49 0.00	26.26 -0.59 0.00	26.06 -0.56 0.00	26.13 -0.42 0.00	27.28 -0.42 0.00	26.28 -0.51 0.00	27.99 -0.37 0.00	31.00 -0.34 0.00	33.15 -0.68 0.00	36.80 -0.79 0.00	36.69 -0.98 0.00	36.80 -0.87 0.00	36.84 -0.83 0.00	36.37 -0.70 0.00	37.33 -0.57 0.00	39.57 -0.40 0.00	37.86 -0.42 0.00	36.85 -0.71 0.00	35.75 -0.69 0.00	32.78 -0.70 0.00	29.97 -0.58 0.00	28.94 -0.53 0.00
NEG CENTRAL___STATE_STREET 24147	29.27 -0.39 0.00	27.36 -0.42 0.00	26.59 -0.43 0.00	26.37 -0.48 0.00	26.16 -0.45 0.00	26.18 -0.37 0.00	27.33 -0.36 0.00	26.42 -0.38 0.00	28.07 -0.28 0.00	31.09 -0.25 0.00	33.42 -0.41 0.00	37.22 -0.38 0.00	37.18 -0.49 0.00	37.25 -0.41 0.00	37.25 -0.41 0.00	36.70 -0.37 0.00	37.71 -0.19 0.00	39.89 -0.08 0.00	38.17 -0.11 0.00	37.19 -0.38 0.00	36.04 -0.40 0.00	33.05 -0.44 0.00	30.15 -0.40 0.00	29.06 -0.41 0.00
NEG MILLWOOD___DRP 24198	31.17 1.51 0.00	29.13 1.36 0.00	28.30 1.27 0.00	28.17 1.32 0.00	27.84 1.22 0.00	27.75 1.19 0.00	29.02 1.33 0.00	28.24 1.45 0.00	29.97 1.62 0.00	33.13 1.79 0.00	35.85 2.03 0.00	39.81 2.22 0.00	40.04 2.37 0.00	39.92 2.26 0.00	39.89 2.22 0.00	39.29 2.22 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.81 2.37 0.00	35.66 2.18 0.00	32.41 1.86 0.00	31.09 1.62 0.00
NEG NORTH_FLCN_SEA 23793	31.14 1.48 0.00	29.13 1.36 0.00	28.32 1.30 0.00	28.14 1.29 0.00	27.87 1.25 0.00	27.88 1.33 0.00	28.52 0.83 0.00	27.59 0.80 0.00	29.15 0.79 0.00	32.25 0.91 0.00	34.94 1.12 0.00	38.68 1.09 0.00	38.83 1.17 0.00	38.72 1.05 0.00	38.76 1.09 0.00	38.07 1.00 0.00	38.70 0.80 0.00	40.61 0.64 0.00	38.89 0.61 0.00	38.50 0.94 0.00	37.35 0.91 0.00	34.29 0.80 0.00	31.22 0.67 0.00	30.71 1.24 0.00
NEG NORTH_KES_CHATEGAY 23792	30.87 1.22 0.00	28.88 1.11 0.00	28.08 1.05 0.00	27.88 1.02 0.00	27.63 1.01 0.00	27.64 1.09 0.00	28.44 0.75 0.00	27.51 0.72 0.00	29.09 0.74 0.00	32.16 0.81 0.00	34.84 1.01 0.00	38.57 0.98 0.00	38.68 1.02 0.00	38.60 0.94 0.00	38.64 0.98 0.00	37.96 0.89 0.00	38.58 0.68 0.00	40.41 0.44 0.00	38.74 0.46 0.00	38.39 0.83 0.00	37.24 0.80 0.00	34.19 0.70 0.00	31.16 0.61 0.00	30.41 0.94 0.00
NEG NORTH___ALICE_FALLS 23915	31.20 1.54 0.00	29.19 1.42 0.00	28.38 1.35 0.00	28.17 1.32 0.00	27.92 1.30 0.00	27.93 1.38 0.00	28.66 0.97 0.00	27.73 0.94 0.00	29.29 0.94 0.00	32.44 1.10 0.00	35.18 1.35 0.00	38.91 1.32 0.00	39.10 1.43 0.00	38.94 1.28 0.00	38.98 1.32 0.00	38.29 1.22 0.00	38.96 1.06 0.00	40.89 0.92 0.00	39.20 0.92 0.00	38.77 1.20 0.00	37.60 1.17 0.00	34.46 0.97 0.00	31.37 0.82 0.00	30.77 1.30 0.00
NEG NORTH___LWR_SARANAC 23913	31.20 1.54 0.00	29.19 1.42 0.00	28.38 1.35 0.00	28.17 1.32 0.00	27.92 1.30 0.00	27.93 1.38 0.00	28.66 0.97 0.00	27.73 0.94 0.00	29.29 0.94 0.00	32.44 1.10 0.00	35.18 1.35 0.00	38.91 1.32 0.00	39.10 1.43 0.00	38.94 1.28 0.00	38.98 1.32 0.00	38.29 1.22 0.00	38.96 1.06 0.00	40.89 0.92 0.00	39.20 0.92 0.00	38.77 1.20 0.00	37.60 1.17 0.00	34.46 0.97 0.00	31.37 0.82 0.00	30.77 1.30 0.00
NEG NORTH___PLATTSBURG 23628	31.11 1.45 0.00	29.19 1.42 0.00	28.38 1.35 0.00	28.17 1.32 0.00	27.92 1.30 0.00	27.93 1.38 0.00	28.66 0.97 0.00	27.73 0.94 0.00	29.29 0.93 0.00	32.44 1.10 0.00	35.18 1.35 0.00	38.72 1.13 0.00	39.10 1.43 0.00	38.79 1.13 0.00	38.98 1.32 0.00	38.29 1.22 0.00	38.96 1.06 0.00	40.89 0.92 0.00	39.20 0.92 0.00	38.76 1.20 0.00	37.60 1.17 0.00	34.46 0.97 0.00	31.34 0.79 0.00	30.74 1.27 0.00
NEG WEST_LEA_LOCKPORT 23791	27.11 -2.55 0.00	25.11 -2.67 0.00	24.38 -2.65 0.00	24.06 -2.79 0.00	24.01 -2.61 0.00	24.11 -2.44 0.00	25.04 -2.66 0.00	23.90 -2.89 0.00	25.63 -2.72 0.00	28.30 -3.04 0.00	29.66 -4.16 0.00	32.93 -4.66 0.00	32.77 -4.90 0.00	32.95 -4.71 0.00	33.03 -4.63 0.00	32.47 -4.60 0.00	33.66 -4.24 0.00	35.45 -4.52 0.00	34.07 -4.21 0.00	33.17 -4.39 0.00	31.96 -4.48 0.00	29.44 -4.05 0.00	27.16 -3.39 0.00	26.61 -2.86 0.00
NEG WEST___LANCASTER 23811	28.11 -1.54 0.00	26.11 -1.67 0.00	25.38 -1.65 0.00	25.03 -1.83 0.00	24.91 -1.70 0.00	25.01 -1.54 0.00	26.06 -1.63 0.00	25.05 -1.74 0.00	26.88 -1.47 0.00	29.65 -1.69 0.00	31.19 -2.64 0.00	34.58 -3.01 0.00	34.46 -3.20 0.00	34.61 -3.05 0.00	34.69 -2.98 0.00	34.14 -2.93 0.00	35.32 -2.58 0.00	37.29 -2.68 0.00	35.76 -2.53 0.00	34.75 -2.82 0.00	33.52 -2.92 0.00	30.91 -2.58 0.00	28.44 -2.11 0.00	27.73 -1.74 0.00
NEG_PENN_ALLEGHNY 23528	29.57 -0.09 0.00	27.66 -0.11 0.00	26.92 -0.11 0.00	26.70 -0.16 0.00	26.48 -0.13 0.00	26.45 -0.11 0.00	27.64 -0.06 0.00	26.68 -0.11 0.00	28.38 0.03 0.00	31.37 0.03 0.00	33.66 -0.17 0.00	37.48 -0.11 0.00	37.44 -0.22 0.00	37.55 -0.11 0.00	37.52 -0.15 0.00	36.92 -0.15 0.00	37.98 0.08 0.00	40.25 0.28 0.00	38.47 0.19 0.00	37.45 -0.11 0.00	36.33 -0.11 0.00	33.35 -0.13 0.00	30.46 -0.09 0.00	29.41 -0.06 0.00
NEG___GEN_MONROE 24207	28.00 -1.66 0.00	26.05 -1.72 0.00	25.27 -1.76 0.00	25.03 -1.83 0.00	24.88 -1.73 0.00	24.93 -1.62 0.00	25.98 -1.72 0.00	24.97 -1.82 0.00	26.71 -1.64 0.00	29.59 -1.76 0.00	31.36 -2.47 0.00	34.92 -2.67 0.00	34.73 -2.94 0.00	34.84 -2.82 0.00	34.92 -2.75 0.00	34.29 -2.78 0.00	35.44 -2.46 0.00	37.41 -2.56 0.00	35.87 -2.41 0.00	34.97 -2.59 0.00	33.78 -2.66 0.00	31.08 -2.41 0.00	28.50 -2.05 0.00	27.70 -1.77 0.00
NEPA___ENERGY 23901	27.97 -1.69 0.00	25.97 -1.81 0.00	25.24 -1.78 0.00	24.92 -1.93 0.00	24.78 -1.84 0.00	24.88 -1.67 0.00	25.92 -1.77 0.00	24.92 -1.88 0.00	26.77 -1.59 0.00	29.49 -1.85 0.00	31.02 -2.81 0.00	34.32 -3.27 0.00	34.24 -3.43 0.00	34.39 -3.28 0.00	34.43 -3.24 0.00	33.88 -3.19 0.00	35.06 -2.84 0.00	37.05 -2.92 0.00	35.53 -2.76 0.00	34.52 -3.04 0.00	33.30 -3.13 0.00	30.71 -2.78 0.00	28.26 -2.29 0.00	27.56 -1.92 0.00
NEVERSINK___HYD 23608	31.11 1.45 0.00	29.05 1.28 0.00	28.21 1.19 0.00	28.07 1.21 0.00	27.76 1.14 0.00	27.72 1.17 0.00	29.02 1.33 0.00	28.08 1.29 0.00	29.86 1.50 0.00	33.03 1.69 0.00	35.68 1.86 0.00	39.81 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.18 2.11 0.00	40.33 2.43 0.00	43.09 3.12 0.00	41.23 2.95 0.00	40.00 2.44 0.00	38.74 2.30 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
NEWKRMKL_115KV_TB1 55635	30.46 0.80 0.00	28.77 1.00 0.00	28.00 0.97 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.48 0.93 0.00	28.69 1.00 0.00	27.73 0.94 0.00	29.01 0.65 0.00	32.00 0.66 0.00	34.60 0.78 0.00	38.49 0.90 0.00	38.57 0.90 0.00	38.57 0.90 0.00	38.57 0.90 0.00	37.92 0.85 0.00	38.89 0.99 0.00	41.25 1.28 0.00	39.47 1.19 0.00	38.43 0.86 0.00	37.24 0.80 0.00	34.29 0.80 0.00	31.31 0.76 0.00	30.30 0.83 0.00

NEWTON___FALLS_HYD 23847	29.42 -0.24 0.00	27.52 -0.25 0.00	26.75 -0.27 0.00	26.59 -0.27 0.00	26.32 -0.29 0.00	26.26 -0.29 0.00	27.25 -0.44 0.00	26.34 -0.46 0.00	27.85 -0.51 0.00	30.59 -0.75 0.00	33.25 -0.58 0.00	36.95 -0.64 0.00	37.06 -0.60 0.00	37.06 -0.60 0.00	36.99 -0.68 0.00	36.40 -0.67 0.00	37.14 -0.76 0.00	39.13 -0.84 0.00	37.40 -0.88 0.00	36.85 -0.71 0.00	35.75 -0.69 0.00	32.98 -0.50 0.00	30.18 -0.37 0.00	29.27 -0.21 0.00
NGRID_A1_DSASP 323792	26.25 -3.41 0.00	24.55 -3.22 0.00	23.84 -3.19 0.00	23.52 -3.33 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.07 -5.53 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.62 -5.45 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.15 -5.28 0.00	28.73 -4.76 0.00	26.51 -4.03 0.00	26.26 -3.21 0.00
NGRID_A2_DSASP 323793	26.25 -3.41 0.00	24.55 -3.22 0.00	23.84 -3.19 0.00	23.52 -3.33 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.07 -5.53 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.62 -5.45 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.15 -5.28 0.00	28.73 -4.76 0.00	26.51 -4.03 0.00	26.26 -3.21 0.00
NGRID_A4_DSASP 323807	26.25 -3.41 0.00	24.55 -3.22 0.00	23.84 -3.19 0.00	23.52 -3.33 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.07 -5.53 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.62 -5.45 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.15 -5.28 0.00	28.73 -4.76 0.00	26.51 -4.03 0.00	26.26 -3.21 0.00
NIAGARA_115E_LBMP 323715	26.48 -3.17 0.00	24.77 -3.00 0.00	24.05 -2.97 0.00	23.74 -3.11 0.00	23.63 -2.98 0.00	23.71 -2.84 0.00	24.56 -3.13 0.00	23.44 -3.35 0.00	25.15 -3.20 0.00	27.74 -3.60 0.00	29.06 -4.77 0.00	32.22 -5.38 0.00	32.13 -5.54 0.00	32.28 -5.39 0.00	32.32 -5.35 0.00	31.81 -5.26 0.00	32.97 -4.93 0.00	34.69 -5.28 0.00	33.34 -4.94 0.00	32.45 -5.11 0.00	31.34 -5.10 0.00	28.87 -4.62 0.00	26.64 -3.91 0.00	26.35 -3.12 0.00
NIAGARA_115W_LBMP 323714	26.19 -3.47 0.00	24.50 -3.28 0.00	23.78 -3.24 0.00	23.47 -3.38 0.00	23.37 -3.25 0.00	23.47 -3.08 0.00	24.43 -3.27 0.00	23.25 -3.54 0.00	24.95 -3.40 0.00	27.55 -3.79 0.00	28.85 -4.97 0.00	31.99 -5.60 0.00	31.87 -5.80 0.00	32.01 -5.65 0.00	32.09 -5.57 0.00	31.55 -5.52 0.00	32.71 -5.19 0.00	34.41 -5.55 0.00	33.08 -5.21 0.00	32.23 -5.33 0.00	31.08 -5.36 0.00	28.63 -4.86 0.00	26.45 -4.09 0.00	26.20 -3.27 0.00
NIAGARA_230_LBMP 323716	26.66 -2.99 0.00	24.94 -2.83 0.00	24.21 -2.81 0.00	23.90 -2.95 0.00	23.79 -2.82 0.00	23.90 -2.65 0.00	24.87 -2.83 0.00	23.71 -3.08 0.00	25.44 -2.92 0.00	28.05 -3.29 0.00	29.39 -4.43 0.00	32.59 -5.00 0.00	32.51 -5.16 0.00	32.65 -5.01 0.00	32.69 -4.97 0.00	32.18 -4.89 0.00	33.31 -4.59 0.00	35.09 -4.88 0.00	33.73 -4.56 0.00	32.83 -4.73 0.00	31.70 -4.74 0.00	29.20 -4.29 0.00	26.94 -3.60 0.00	26.64 -2.83 0.00
NIAGARA___115KV_198_GIBSON 55903	26.36 -3.29 0.00	24.61 -3.17 0.00	23.92 -3.11 0.00	23.61 -3.25 0.00	23.37 -3.25 0.00	23.47 -3.08 0.00	24.43 -3.27 0.00	23.25 -3.54 0.00	24.98 -3.37 0.00	27.55 -3.79 0.00	28.85 -4.97 0.00	32.03 -5.56 0.00	31.86 -5.80 0.00	32.05 -5.61 0.00	32.09 -5.57 0.00	31.55 -5.52 0.00	32.71 -5.19 0.00	34.41 -5.56 0.00	33.11 -5.17 0.00	32.23 -5.33 0.00	31.05 -5.39 0.00	28.63 -4.86 0.00	26.45 -4.09 0.00	25.96 -3.51 0.00
NIAGARA____ 23760	26.66 -2.99 0.00	24.94 -2.83 0.00	24.21 -2.81 0.00	23.90 -2.95 0.00	23.79 -2.82 0.00	23.90 -2.65 0.00	24.87 -2.83 0.00	23.71 -3.08 0.00	25.44 -2.92 0.00	28.05 -3.29 0.00	29.39 -4.43 0.00	32.59 -5.00 0.00	32.51 -5.16 0.00	32.65 -5.01 0.00	32.69 -4.97 0.00	32.18 -4.89 0.00	33.31 -4.59 0.00	35.09 -4.88 0.00	33.73 -4.56 0.00	32.83 -4.73 0.00	31.70 -4.74 0.00	29.20 -4.29 0.00	26.94 -3.60 0.00	26.64 -2.83 0.00
NINE_MILE_1 23575	28.41 -1.24 0.00	26.58 -1.19 0.00	25.86 -1.16 0.00	25.70 -1.15 0.00	25.47 -1.14 0.00	25.44 -1.11 0.00	26.53 -1.16 0.00	25.67 -1.12 0.00	27.19 -1.16 0.00	30.05 -1.29 0.00	32.37 -1.45 0.00	36.01 -1.58 0.00	36.05 -1.62 0.00	36.08 -1.58 0.00	36.05 -1.62 0.00	35.48 -1.59 0.00	36.38 -1.52 0.00	38.45 -1.52 0.00	36.79 -1.49 0.00	35.99 -1.58 0.00	34.87 -1.57 0.00	32.05 -1.44 0.00	29.27 -1.28 0.00	28.26 -1.21 0.00
NINE_MILE_2 23744	28.41 -1.24 0.00	26.58 -1.19 0.00	25.86 -1.16 0.00	25.70 -1.15 0.00	25.47 -1.14 0.00	25.44 -1.11 0.00	26.53 -1.16 0.00	25.67 -1.12 0.00	27.19 -1.16 0.00	30.05 -1.29 0.00	32.37 -1.45 0.00	36.01 -1.58 0.00	36.05 -1.62 0.00	36.08 -1.58 0.00	36.05 -1.62 0.00	35.48 -1.59 0.00	36.38 -1.52 0.00	38.45 -1.52 0.00	36.79 -1.49 0.00	35.99 -1.58 0.00	34.87 -1.57 0.00	32.05 -1.44 0.00	29.27 -1.28 0.00	28.26 -1.21 0.00
NM_CAPITAL___DRP 24208	30.52 0.86 0.00	28.77 1.00 0.00	28.00 0.97 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.48 0.93 0.00	28.69 1.00 0.00	27.73 0.94 0.00	29.09 0.74 0.00	32.09 0.75 0.00	34.74 0.91 0.00	38.61 1.01 0.00	38.72 1.05 0.00	38.68 1.02 0.00	38.68 1.02 0.00	38.07 1.00 0.00	39.04 1.14 0.00	41.37 1.40 0.00	39.58 1.30 0.00	38.58 1.01 0.00	37.39 0.95 0.00	34.42 0.94 0.00	31.40 0.86 0.00	30.39 0.91 0.00
NM_CENTRAL___DRP 24181	28.97 -0.68 0.00	27.08 -0.69 0.00	26.35 -0.68 0.00	26.16 -0.70 0.00	25.95 -0.67 0.00	25.91 -0.64 0.00	27.06 -0.64 0.00	26.15 -0.64 0.00	27.73 -0.62 0.00	30.65 -0.69 0.00	32.95 -0.88 0.00	36.65 -0.94 0.00	36.69 -0.98 0.00	36.72 -0.94 0.00	36.72 -0.94 0.00	36.14 -0.93 0.00	37.11 -0.80 0.00	39.25 -0.72 0.00	37.52 -0.77 0.00	36.62 -0.94 0.00	35.49 -0.95 0.00	32.62 -0.87 0.00	29.81 -0.73 0.00	28.71 -0.77 0.00
NM_FRONTIER___DRP 24179	26.36 -3.29 0.00	24.61 -3.17 0.00	23.92 -3.11 0.00	23.61 -3.25 0.00	23.37 -3.25 0.00	23.47 -3.08 0.00	24.43 -3.27 0.00	23.25 -3.54 0.00	24.98 -3.37 0.00	27.55 -3.79 0.00	28.85 -4.97 0.00	32.03 -5.56 0.00	31.86 -5.80 0.00	32.05 -5.61 0.00	32.09 -5.57 0.00	31.55 -5.52 0.00	32.71 -5.19 0.00	34.41 -5.56 0.00	33.11 -5.17 0.00	32.23 -5.33 0.00	31.05 -5.39 0.00	28.63 -4.86 0.00	26.45 -4.09 0.00	25.96 -3.51 0.00
NM_ST_REGIS___HYD 24053	30.16 0.50 0.00	28.22 0.44 0.00	27.46 0.43 0.00	27.29 0.43 0.00	27.01 0.40 0.00	26.95 0.40 0.00	27.80 0.11 0.00	26.93 0.13 0.00	28.44 0.09 0.00	31.25 -0.09 0.00	33.89 0.07 0.00	37.59 0.00 0.00	37.55 -0.11 0.00	37.55 -0.11 0.00	37.51 -0.15 0.00	36.89 -0.19 0.00	37.48 -0.42 0.00	39.25 -0.72 0.00	37.63 -0.65 0.00	37.30 -0.26 0.00	36.22 -0.22 0.00	33.45 -0.03 0.00	30.64 0.09 0.00	29.91 0.44 0.00

NORTHPORT___1 23551	35.81 2.08 -4.08	34.54 1.86 -4.90	32.51 1.78 -3.71	30.40 1.85 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.72 2.02 -0.01	34.41 2.01 -5.61	40.67 2.18 -10.13	45.32 2.48 -11.51	51.91 2.71 -15.38	54.53 3.19 -13.75	55.57 3.01 -14.89	53.28 3.12 -12.49	53.32 3.01 -12.64	53.01 2.97 -12.97	54.80 3.41 -13.48	63.52 4.04 -19.51	60.52 3.83 -18.41	55.27 3.34 -14.36	53.53 3.17 -13.92	49.38 2.78 -13.11	47.14 2.47 -14.12	45.27 2.12 -13.67
NORTHPORT___2 23552	35.81 2.08 -4.08	34.54 1.86 -4.90	32.51 1.78 -3.71	30.40 1.85 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.72 2.02 -0.01	34.41 2.01 -5.61	40.67 2.18 -10.13	45.32 2.48 -11.51	51.91 2.71 -15.38	54.53 3.19 -13.75	55.57 3.01 -14.89	53.28 3.12 -12.49	53.32 3.01 -12.64	53.01 2.97 -12.97	54.80 3.41 -13.48	63.52 4.04 -19.51	60.52 3.83 -18.41	55.27 3.34 -14.36	53.53 3.17 -13.92	49.38 2.78 -13.11	47.14 2.47 -14.12	45.27 2.12 -13.67
NORTHPORT___3 23553	35.52 1.78 -4.08	34.23 1.55 -4.90	32.19 1.46 -3.71	30.06 1.50 -1.70	29.20 1.49 -1.10	30.73 1.49 -2.70	29.34 1.63 -0.01	34.14 1.74 -5.61	40.42 1.93 -10.13	45.01 2.16 -11.51	51.47 2.27 -15.38	53.67 2.33 -13.75	54.73 2.18 -14.89	52.53 2.37 -12.49	52.53 2.22 -12.64	52.34 2.30 -12.97	53.85 2.46 -13.48	62.60 3.12 -19.51	59.60 2.91 -18.41	54.48 2.56 -14.36	52.73 2.37 -13.92	49.11 2.51 -13.11	46.89 2.23 -14.12	45.00 1.86 -13.67
NORTHPORT___4 23650	35.52 1.78 -4.08	34.23 1.55 -4.90	32.19 1.46 -3.71	30.06 1.50 -1.70	29.20 1.49 -1.10	30.73 1.49 -2.70	29.34 1.63 -0.01	34.14 1.74 -5.61	40.42 1.93 -10.13	45.01 2.16 -11.51	51.47 2.27 -15.38	53.67 2.33 -13.75	54.73 2.18 -14.89	52.53 2.37 -12.49	52.53 2.22 -12.64	52.34 2.30 -12.97	53.85 2.46 -13.48	62.60 3.12 -19.51	59.60 2.91 -18.41	54.48 2.56 -14.36	52.73 2.37 -13.92	49.11 2.51 -13.11	46.89 2.23 -14.12	45.00 1.86 -13.67
NORTHPORT___IC 23718	35.81 2.08 -4.08	34.54 1.86 -4.90	32.51 1.78 -3.71	30.40 1.85 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.72 2.02 -0.01	34.41 2.01 -5.61	40.67 2.18 -10.13	45.32 2.48 -11.51	51.91 2.71 -15.38	54.53 3.19 -13.75	55.57 3.01 -14.89	53.28 3.12 -12.49	53.32 3.01 -12.64	53.01 2.97 -12.97	54.80 3.41 -13.48	63.52 4.04 -19.51	60.52 3.83 -18.41	55.27 3.34 -14.36	53.53 3.17 -13.92	49.38 2.78 -13.11	47.14 2.47 -14.12	45.27 2.12 -13.67
NORTH___COUNTRY_ESR 323785	30.67 1.01 0.00	28.77 1.00 0.00	27.97 0.95 0.00	27.77 0.91 0.00	27.52 0.91 0.00	27.51 0.95 0.00	28.36 0.66 0.00	27.43 0.66 0.00	28.98 0.62 0.00	32.03 0.69 0.00	34.70 0.88 0.00	38.23 0.64 0.00	38.57 0.90 0.00	38.30 0.64 0.00	38.49 0.83 0.00	37.81 0.74 0.00	38.43 0.53 0.00	40.25 0.28 0.00	38.59 0.30 0.00	38.24 0.68 0.00	37.09 0.66 0.00	34.06 0.57 0.00	31.01 0.46 0.00	30.30 0.82 0.00
NPX_GEN_1385_PROXY 323591	36.23 2.49 -4.08	34.73 2.06 -4.90	33.00 2.27 -3.71	31.05 2.50 -1.70	30.24 2.53 -1.10	31.61 2.36 -2.70	30.44 2.74 -0.01	34.65 2.25 -5.61	40.73 2.24 -10.13	45.58 2.48 -11.76	51.52 2.57 -15.13	54.38 3.04 -13.75	55.41 2.86 -14.89	53.17 3.01 -12.49	53.17 2.86 -12.64	52.90 2.85 -12.97	54.64 3.26 -13.48	63.36 3.88 -19.51	60.37 3.68 -18.41	55.16 3.23 -14.36	53.38 3.02 -13.92	49.28 2.68 -13.11	47.05 2.38 -14.12	45.15 2.01 -13.67
NPX_GEN_CSC 323557	35.76 2.02 -4.08	34.68 2.00 -4.90	32.57 1.84 -3.71	30.46 1.91 -1.70	29.60 1.89 -1.10	31.13 1.89 -2.70	29.78 2.08 -0.01	34.52 2.12 -5.61	40.84 2.35 -10.13	45.80 2.70 -11.76	52.03 3.08 -15.13	54.80 3.46 -13.75	55.72 3.16 -14.89	53.58 3.43 -12.49	53.62 3.32 -12.64	53.26 3.22 -12.97	55.21 3.83 -13.48	63.68 4.20 -19.51	60.79 4.10 -18.41	55.53 3.61 -14.36	53.86 3.50 -13.92	49.44 2.84 -13.11	47.32 2.66 -14.12	45.56 2.42 -13.67
NSINS_S_GLNS_FALLS 23858	31.35 1.69 0.00	29.33 1.56 0.00	28.54 1.51 0.00	28.36 1.50 0.00	28.05 1.44 0.00	27.98 1.43 0.00	29.24 1.55 0.00	28.29 1.50 0.00	30.00 1.64 0.00	33.31 1.97 0.00	36.12 2.30 0.00	40.37 2.78 0.00	40.38 2.71 0.00	40.34 2.67 0.00	40.23 2.56 0.00	39.59 2.52 0.00	40.63 2.73 0.00	43.09 3.12 0.00	41.23 2.95 0.00	40.12 2.55 0.00	38.77 2.33 0.00	35.60 2.11 0.00	32.32 1.77 0.00	31.12 1.65 0.00
NUCOR_STEEL___DRP 24197	29.30 -0.36 0.00	27.38 -0.39 0.00	26.62 -0.41 0.00	26.40 -0.46 0.00	26.19 -0.43 0.00	26.18 -0.37 0.00	27.33 -0.36 0.00	26.42 -0.38 0.00	28.04 -0.31 0.00	31.06 -0.28 0.00	33.38 -0.44 0.00	37.18 -0.41 0.00	37.18 -0.49 0.00	37.21 -0.45 0.00	37.25 -0.41 0.00	36.66 -0.41 0.00	37.67 -0.23 0.00	39.85 -0.12 0.00	38.09 -0.19 0.00	37.15 -0.41 0.00	36.00 -0.44 0.00	33.05 -0.44 0.00	30.15 -0.40 0.00	29.09 -0.38 0.00
NUMBER_THREE_WT_PWR 323818	29.63 -0.03 0.00	27.75 -0.03 0.00	26.97 -0.05 0.00	26.80 -0.05 0.00	26.53 -0.08 0.00	26.50 -0.05 0.00	27.64 -0.06 0.00	26.60 -0.19 0.00	28.13 -0.23 0.00	31.03 -0.31 0.00	33.72 -0.10 0.00	37.55 -0.04 0.00	37.93 0.27 0.00	37.93 0.27 0.00	37.82 0.15 0.00	37.26 0.19 0.00	38.20 0.30 0.00	40.45 0.48 0.00	38.55 0.27 0.00	37.71 0.15 0.00	36.58 0.15 0.00	33.62 0.13 0.00	30.64 0.09 0.00	29.56 0.09 0.00
NYISO_LBMP_REFERENCE 24008	29.66 0.00 0.00	27.77 0.00 0.00	27.03 0.00 0.00	26.86 0.00 0.00	26.61 0.00 0.00	26.55 0.00 0.00	27.69 0.00 0.00	26.79 0.00 0.00	28.36 0.00 0.00	31.34 0.00 0.00	33.82 0.00 0.00	37.59 0.00 0.00	37.67 0.00 0.00	37.66 0.00 0.00	37.67 0.00 0.00	37.07 0.00 0.00	37.90 0.00 0.00	39.97 0.00 0.00	38.28 0.00 0.00	37.56 0.00 0.00	36.44 0.00 0.00	33.49 0.00 0.00	30.55 0.00 0.00	29.47 0.00 0.00
NYPA_BRENTWD___GT 24164	36.05 2.31 -4.08	34.76 2.08 -4.90	32.70 1.97 -3.71	30.59 2.04 -1.70	29.73 2.02 -1.10	31.24 1.99 -2.70	29.86 2.16 -0.01	34.63 2.22 -5.61	40.90 2.41 -10.13	45.61 2.76 -11.51	52.25 3.05 -15.38	54.91 3.57 -13.75	55.94 3.39 -14.89	53.69 3.54 -12.49	53.70 3.39 -12.64	53.41 3.37 -12.97	55.25 3.87 -13.48	64.04 4.55 -19.51	61.02 4.32 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.71 3.11 -13.11	47.41 2.75 -14.12	45.53 2.39 -13.67
NYPA_GOWANUS___GT5 24156	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00
NYPA_GOWANUS___GT6 24157	31.11 1.45 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.25 1.91 0.00	35.96 2.13 0.00	40.22 2.63 0.00	40.11 2.45 0.00	40.34 2.67 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.93 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.13 2.70 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.00 1.53 0.00

NYPA_HARLEM__RVR__GT1 24160	30.48 0.83 0.01	28.43 0.67 0.01	27.64 0.62 0.01	27.56 0.70 -0.01	27.31 0.69 -0.01	27.19 0.64 -0.01	28.43 0.75 0.01	27.75 0.96 0.01	29.43 1.08 0.01	32.62 1.29 0.01	35.30 1.49 0.01	39.54 1.95 0.01	39.39 1.73 0.01	39.54 1.88 0.01	39.39 1.73 0.01	38.77 1.71 0.01	39.94 2.05 0.01	42.68 2.72 0.01	40.80 2.53 0.01	39.62 2.06 0.01	38.32 1.89 0.01	35.12 1.64 0.01	31.92 1.38 0.01	30.41 0.94 0.01
NYPA_HARLEM__RVR__GT2 24161	30.48 0.83 0.01	28.43 0.67 0.01	27.64 0.62 0.01	27.56 0.70 -0.01	27.31 0.69 -0.01	27.19 0.64 -0.01	28.43 0.75 0.01	27.75 0.96 0.01	29.43 1.08 0.01	32.62 1.29 0.01	35.30 1.49 0.01	39.54 1.95 0.01	39.39 1.73 0.01	39.54 1.88 0.01	39.39 1.73 0.01	38.77 1.71 0.01	39.94 2.05 0.01	42.68 2.72 0.01	40.80 2.53 0.01	39.62 2.06 0.01	38.32 1.89 0.01	35.12 1.64 0.01	31.92 1.38 0.01	30.41 0.94 0.01
NYPA_KENT____GT 24152	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.21 1.42 0.00	29.94 1.59 0.00	33.22 1.88 0.00	35.92 2.10 0.00	40.18 2.59 0.00	40.08 2.41 0.00	40.26 2.60 0.00	40.08 2.41 0.00	41.65 2.45 -2.14	40.59 2.69 0.00	49.99 3.52 -6.50	55.02 3.29 -13.45	40.30 2.74 0.00	39.06 2.63 0.00	52.22 2.34 -16.39	32.53 1.98 0.00	31.00 1.53 0.00
NYPA_POUCH1____GT 24155	31.02 1.36 0.00	28.89 1.11 0.00	28.00 0.97 0.00	27.93 1.08 0.00	27.68 1.07 0.00	27.53 0.98 0.00	28.75 1.05 0.00	28.05 1.26 0.00	29.78 1.42 0.00	33.09 1.75 0.00	35.79 1.96 0.00	40.07 2.48 0.00	39.93 2.26 0.00	40.22 2.56 0.00	39.96 2.30 0.00	43.21 2.41 -3.73	40.51 2.61 0.00	54.80 3.48 -11.36	65.02 3.25 -23.49	40.19 2.63 0.00	39.03 2.59 0.00	64.46 2.34 -28.63	32.44 1.89 0.00	30.92 1.44 0.00
NYPA_VERNON____GT2 24162	31.05 1.39 0.00	28.94 1.17 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.91 1.22 0.00	28.21 1.42 0.00	29.94 1.59 0.00	33.19 1.85 0.00	35.89 2.06 0.00	40.11 2.52 0.00	40.00 2.34 0.00	40.19 2.52 0.00	40.00 2.34 0.00	39.99 2.37 -0.54	40.55 2.65 0.00	45.05 3.44 -1.65	44.86 3.18 -3.41	40.27 2.71 0.00	38.95 2.51 0.00	39.92 2.28 -4.15	32.50 1.96 0.00	30.97 1.50 0.00
NYPA_VERNON____GT3 24163	31.05 1.39 0.00	28.94 1.17 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.11 0.00	28.91 1.22 0.00	28.21 1.42 0.00	29.94 1.59 0.00	33.19 1.85 0.00	35.89 2.06 0.00	40.11 2.52 0.00	40.00 2.34 0.00	40.19 2.52 0.00	40.00 2.34 0.00	39.99 2.37 -0.54	40.55 2.65 0.00	45.05 3.44 -1.65	44.86 3.18 -3.41	40.27 2.71 0.00	38.95 2.51 0.00	39.92 2.28 -4.15	32.50 1.96 0.00	30.97 1.50 0.00
NYPA__ASTORIA_CC1 323568	31.02 1.36 0.00	28.94 1.17 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.19 1.85 0.00	35.85 2.03 0.00	40.07 2.48 0.00	39.96 2.30 0.00	40.15 2.49 0.00	39.96 2.30 0.00	39.41 2.34 0.00	40.51 2.61 0.00	43.36 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.47 1.93 0.00	30.94 1.47 0.00
NYPA__ASTORIA_CC2 323569	31.02 1.36 0.00	28.94 1.17 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.19 1.85 0.00	35.85 2.03 0.00	40.07 2.48 0.00	39.96 2.30 0.00	40.15 2.49 0.00	39.96 2.30 0.00	39.41 2.34 0.00	40.51 2.61 0.00	43.36 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.92 2.48 0.00	35.73 2.24 0.00	32.47 1.93 0.00	30.94 1.47 0.00
NYPA__HOLTSVILL 23794	35.81 2.08 -4.08	34.62 1.94 -4.90	32.54 1.81 -3.71	30.43 1.88 -1.70	29.57 1.86 -1.10	31.08 1.83 -2.70	29.70 2.00 -0.01	34.47 2.06 -5.61	40.76 2.27 -10.13	45.42 2.57 -11.51	52.08 2.87 -15.38	54.68 3.34 -13.75	55.68 3.12 -14.89	53.43 3.27 -12.49	53.47 3.16 -12.64	53.16 3.11 -12.97	55.02 3.64 -13.48	63.72 4.23 -19.51	60.75 4.06 -18.41	55.46 3.53 -14.36	53.71 3.35 -13.92	49.48 2.88 -13.11	47.26 2.60 -14.12	45.41 2.27 -13.67
NYPA__HELLGATE_GT1 24158	30.48 0.83 0.01	28.43 0.67 0.01	27.65 0.62 -0.01	27.55 0.70 0.01	27.30 0.69 0.01	27.18 0.64 0.01	28.43 0.75 0.01	27.75 0.96 0.01	29.43 1.08 0.01	32.62 1.29 0.01	35.30 1.49 0.01	39.54 1.95 0.01	39.39 1.73 0.01	39.54 1.88 0.01	39.39 1.73 0.01	38.77 1.71 0.01	39.94 2.05 0.01	42.68 2.72 0.01	40.80 2.53 0.01	39.62 2.06 0.01	38.32 1.89 0.01	35.12 1.64 0.01	31.92 1.38 0.01	30.41 0.94 0.01
NYPA__HELLGATE_GT2 24159	30.48 0.83 0.01	28.43 0.67 0.01	27.65 0.62 -0.01	27.55 0.70 0.01	27.30 0.69 0.01	27.18 0.64 0.01	28.43 0.75 0.01	27.75 0.96 0.01	29.43 1.08 0.01	32.62 1.29 0.01	35.30 1.49 0.01	39.54 1.95 0.01	39.39 1.73 0.01	39.54 1.88 0.01	39.39 1.73 0.01	38.77 1.71 0.01	39.94 2.05 0.01	42.68 2.72 0.01	40.80 2.53 0.01	39.62 2.06 0.01	38.32 1.89 0.01	35.12 1.64 0.01	31.92 1.38 0.01	30.41 0.94 0.01
NYS_BARGE__HYD 23848	26.93 -2.73 0.00	25.16 -2.61 0.00	24.43 -2.59 0.00	24.12 -2.74 0.00	24.01 -2.61 0.00	24.11 -2.44 0.00	25.01 -2.69 0.00	23.87 -2.92 0.00	25.63 -2.72 0.00	28.27 -3.07 0.00	29.66 -4.16 0.00	32.89 -4.70 0.00	32.77 -4.90 0.00	32.95 -4.71 0.00	33.03 -4.63 0.00	32.47 -4.60 0.00	33.66 -4.24 0.00	35.45 -4.52 0.00	34.07 -4.21 0.00	33.13 -4.43 0.00	31.99 -4.45 0.00	29.43 -4.05 0.00	27.16 -3.39 0.00	26.82 -2.65 0.00
OAK_ORCHARD__HYD 24046	27.97 -1.69 0.00	26.13 -1.64 0.00	25.38 -1.65 0.00	25.14 -1.72 0.00	24.96 -1.65 0.00	25.01 -1.54 0.00	26.09 -1.61 0.00	25.10 -1.69 0.00	26.80 -1.56 0.00	29.65 -1.69 0.00	31.46 -2.37 0.00	35.00 -2.59 0.00	34.88 -2.79 0.00	35.06 -2.60 0.00	35.07 -2.60 0.00	34.51 -2.56 0.00	35.63 -2.27 0.00	37.57 -2.40 0.00	36.02 -2.26 0.00	35.08 -2.48 0.00	33.92 -2.51 0.00	31.18 -2.31 0.00	28.59 -1.96 0.00	27.91 -1.56 0.00
OAKDALE__35_KV_LOAD 356122	29.48 -0.18 0.00	27.55 -0.22 0.00	26.81 -0.22 0.00	26.59 -0.27 0.00	26.37 -0.24 0.00	26.37 -0.19 0.00	27.53 -0.17 0.00	26.58 -0.21 0.00	28.27 -0.09 0.00	31.25 -0.09 0.00	33.52 -0.30 0.00	37.25 -0.34 0.00	37.29 -0.38 0.00	37.32 -0.34 0.00	37.33 -0.34 0.00	36.74 -0.33 0.00	37.79 -0.11 0.00	40.05 0.08 0.00	38.28 0.00 0.00	37.30 -0.26 0.00	36.15 -0.29 0.00	33.19 -0.30 0.00	30.33 -0.21 0.00	29.27 -0.21 0.00
OCC_CHEM__DRP 24175	26.45 -3.20 0.00	24.66 -3.11 0.00	23.94 -3.08 0.00	23.63 -3.22 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.10 -5.49 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.66 -5.41 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.12 -5.32 0.00	28.73 -4.76 0.00	26.52 -4.03 0.00	26.02 -3.45 0.00

OH_GEN_PROXY 24063	26.72 -2.94 0.00	25.00 -2.78 0.00	24.27 -2.76 0.00	23.95 -2.90 0.00	23.85 -2.77 0.00	23.92 -2.63 0.00	24.92 -2.77 0.00	23.79 -3.00 0.00	25.52 -2.84 0.00	28.39 -3.20 -0.25	29.28 -4.30 0.25	32.74 -4.85 0.00	32.62 -5.05 0.00	32.80 -4.86 0.00	32.84 -4.82 0.00	32.29 -4.78 0.00	33.47 -4.43 0.00	35.25 -4.72 0.00	33.88 -4.40 0.00	32.94 -4.62 0.00	31.81 -4.63 0.00	29.30 -4.19 0.00	27.04 -2.51 0.00	26.70 -2.77 0.00
OLIN_CORP_DRP 24177	26.72 -2.94 0.00	24.72 -3.06 0.00	24.00 -3.03 0.00	23.69 -3.17 0.00	23.66 -2.95 0.00	23.76 -2.79 0.00	24.65 -3.05 0.00	23.50 -3.30 0.00	25.21 -3.15 0.00	27.80 -3.54 0.00	29.16 -4.67 0.00	32.37 -5.23 0.00	32.20 -5.46 0.00	32.39 -5.27 0.00	32.43 -5.24 0.00	31.88 -5.19 0.00	33.05 -4.85 0.00	34.81 -5.16 0.00	33.46 -4.82 0.00	32.57 -5.00 0.00	31.37 -5.06 0.00	28.93 -4.55 0.00	26.70 -3.85 0.00	26.20 -3.27 0.00
OLIN_CORP_DSASP 323712	26.25 -3.41 0.00	24.55 -3.22 0.00	23.84 -3.19 0.00	23.52 -3.33 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.07 -5.53 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.62 -5.45 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.15 -5.28 0.00	28.73 -4.76 0.00	26.51 -4.03 0.00	26.26 -3.21 0.00
ONEIDA_HERK_LFGE 323681	30.10 0.45 0.00	28.16 0.39 0.00	27.40 0.38 0.00	27.23 0.38 0.00	26.96 0.35 0.00	26.92 0.37 0.00	28.11 0.42 0.00	27.19 0.40 0.00	28.75 0.40 0.00	31.78 0.44 0.00	34.47 0.64 0.00	38.42 0.83 0.00	38.61 0.94 0.00	38.64 0.98 0.00	38.49 0.83 0.00	37.92 0.85 0.00	38.85 0.95 0.00	41.13 1.16 0.00	39.24 0.96 0.00	38.35 0.79 0.00	37.20 0.77 0.00	34.16 0.67 0.00	31.13 0.58 0.00	30.00 0.53 0.00
ONEIDA___115KV_TB4 55905	30.25 0.59 0.00	28.30 0.53 0.00	27.54 0.51 0.00	27.37 0.51 0.00	27.09 0.48 0.00	27.11 0.56 0.00	28.33 0.64 0.00	27.43 0.64 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.77 0.95 0.00	38.64 1.05 0.00	38.80 1.13 0.00	38.83 1.17 0.00	38.76 1.09 0.00	38.18 1.11 0.00	39.11 1.21 0.00	41.41 1.44 0.00	39.47 1.19 0.00	38.54 0.98 0.00	37.35 0.91 0.00	34.29 0.80 0.00	31.28 0.73 0.00	30.15 0.68 0.00
ONONDAGA_REF_OCCRA 23987	29.18 -0.47 0.00	27.27 -0.50 0.00	26.54 -0.49 0.00	26.32 -0.54 0.00	26.11 -0.51 0.00	26.10 -0.45 0.00	27.22 -0.47 0.00	26.34 -0.46 0.00	27.93 -0.43 0.00	30.90 -0.44 0.00	33.22 -0.61 0.00	36.99 -0.60 0.00	36.99 -0.68 0.00	37.02 -0.64 0.00	37.02 -0.64 0.00	36.48 -0.59 0.00	37.41 -0.49 0.00	39.61 -0.36 0.00	37.86 -0.42 0.00	36.92 -0.64 0.00	35.82 -0.62 0.00	32.88 -0.60 0.00	30.03 -0.52 0.00	28.91 -0.56 0.00
ONONDAGA___COGEN 23986	29.15 -0.50 0.00	27.25 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.87 -0.47 0.00	33.22 -0.61 0.00	36.99 -0.60 0.00	36.99 -0.68 0.00	37.06 -0.60 0.00	37.02 -0.64 0.00	36.48 -0.59 0.00	37.41 -0.49 0.00	39.57 -0.40 0.00	37.82 -0.46 0.00	36.92 -0.64 0.00	35.82 -0.62 0.00	32.88 -0.60 0.00	30.00 -0.55 0.00	28.91 -0.56 0.00
ONTARIO___LFGE 23819	29.24 -0.42 0.00	27.30 -0.47 0.00	26.54 -0.49 0.00	26.26 -0.59 0.00	26.05 -0.56 0.00	26.13 -0.43 0.00	27.28 -0.41 0.00	26.28 -0.51 0.00	27.99 -0.37 0.00	31.00 -0.34 0.00	33.15 -0.68 0.00	36.76 -0.83 0.00	36.69 -0.98 0.00	36.83 -0.83 0.00	36.84 -0.83 0.00	36.37 -0.71 0.00	37.33 -0.57 0.00	39.57 -0.40 0.00	37.86 -0.42 0.00	36.77 -0.79 0.00	35.74 -0.69 0.00	32.78 -0.70 0.00	29.97 -0.58 0.00	29.03 -0.44 0.00
ORANGEVILLE_WT_PWR 323706	27.88 -1.78 0.00	26.00 -1.78 0.00	25.27 -1.76 0.00	24.95 -1.91 0.00	24.80 -1.81 0.00	24.88 -1.67 0.00	25.87 -1.83 0.00	24.78 -2.01 0.00	26.54 -1.82 0.00	29.30 -2.04 0.00	30.95 -2.88 0.00	34.36 -3.23 0.00	34.28 -3.39 0.00	34.42 -3.24 0.00	34.46 -3.20 0.00	33.92 -3.15 0.00	35.06 -2.84 0.00	37.01 -2.96 0.00	35.49 -2.79 0.00	34.52 -3.04 0.00	33.38 -3.06 0.00	30.71 -2.78 0.00	28.26 -2.29 0.00	27.67 -1.80 0.00
ORANGEVILLE___ESR 323794	27.88 -1.78 0.00	26.00 -1.78 0.00	25.27 -1.76 0.00	24.95 -1.91 0.00	24.80 -1.81 0.00	24.88 -1.67 0.00	25.87 -1.83 0.00	24.78 -2.01 0.00	26.54 -1.82 0.00	29.30 -2.04 0.00	30.95 -2.88 0.00	34.36 -3.23 0.00	34.28 -3.39 0.00	34.42 -3.24 0.00	34.46 -3.20 0.00	33.92 -3.15 0.00	35.06 -2.84 0.00	37.01 -2.96 0.00	35.49 -2.79 0.00	34.52 -3.04 0.00	33.38 -3.06 0.00	30.71 -2.78 0.00	28.26 -2.29 0.00	27.67 -1.80 0.00
OSWEGATCHIE___HYD 24044	29.27 -0.39 0.00	27.52 -0.25 0.00	26.75 -0.27 0.00	26.59 -0.27 0.00	26.32 -0.29 0.00	26.26 -0.29 0.00	27.25 -0.44 0.00	26.34 -0.46 0.00	27.85 -0.51 0.00	30.59 -0.75 0.00	33.25 -0.58 0.00	36.88 -0.72 0.00	37.06 -0.60 0.00	36.99 -0.68 0.00	36.99 -0.68 0.00	36.40 -0.67 0.00	37.14 -0.76 0.00	39.13 -0.84 0.00	37.40 -0.88 0.00	36.85 -0.71 0.00	35.74 -0.69 0.00	32.99 -0.50 0.00	30.12 -0.43 0.00	29.27 -0.20 0.00
OSWEGO___5 23606	28.65 -1.01 0.00	26.80 -0.97 0.00	26.08 -0.95 0.00	25.89 -0.97 0.00	25.68 -0.93 0.00	25.65 -0.90 0.00	26.75 -0.94 0.00	25.85 -0.94 0.00	27.39 -0.96 0.00	30.31 -1.03 0.00	32.61 -1.22 0.00	36.31 -1.28 0.00	36.31 -1.35 0.00	36.38 -1.28 0.00	36.35 -1.32 0.00	35.77 -1.30 0.00	36.69 -1.21 0.00	38.77 -1.20 0.00	37.10 -1.19 0.00	36.25 -1.32 0.00	35.16 -1.28 0.00	32.28 -1.20 0.00	29.48 -1.07 0.00	28.47 -1.00 0.00
OSWEGO___6 23613	28.65 -1.01 0.00	26.80 -0.97 0.00	26.08 -0.95 0.00	25.89 -0.97 0.00	25.68 -0.93 0.00	25.65 -0.90 0.00	26.75 -0.94 0.00	25.85 -0.94 0.00	27.39 -0.96 0.00	30.31 -1.03 0.00	32.61 -1.22 0.00	36.31 -1.28 0.00	36.31 -1.35 0.00	36.38 -1.28 0.00	36.35 -1.32 0.00	35.77 -1.30 0.00	36.69 -1.21 0.00	38.77 -1.20 0.00	37.10 -1.19 0.00	36.25 -1.32 0.00	35.16 -1.28 0.00	32.28 -1.20 0.00	29.48 -1.07 0.00	28.47 -1.00 0.00
OUTOKUMPU-AB___DRP 24206	27.22 -2.43 0.00	25.30 -2.47 0.00	24.57 -2.46 0.00	24.22 -2.63 0.00	24.09 -2.53 0.00	24.19 -2.36 0.00	25.15 -2.55 0.00	24.03 -2.76 0.00	25.78 -2.58 0.00	28.46 -2.88 0.00	29.87 -3.96 0.00	33.16 -4.44 0.00	32.99 -4.67 0.00	33.18 -4.48 0.00	33.22 -4.44 0.00	32.70 -4.37 0.00	33.88 -4.02 0.00	35.69 -4.28 0.00	34.26 -4.02 0.00	33.36 -4.21 0.00	32.14 -4.30 0.00	29.64 -3.85 0.00	27.34 -3.21 0.00	26.76 -2.71 0.00
OXBOW___BTM 323836	26.66 -2.99 0.00	24.91 -2.86 0.00	24.21 -2.81 0.00	23.87 -2.98 0.00	23.77 -2.85 0.00	23.87 -2.68 0.00	24.84 -2.85 0.00	23.68 -3.11 0.00	25.41 -2.95 0.00	28.05 -3.29 0.00	29.43 -4.40 0.00	32.63 -4.96 0.00	32.51 -5.16 0.00	32.65 -5.01 0.00	32.73 -4.93 0.00	32.22 -4.85 0.00	33.35 -4.55 0.00	35.13 -4.84 0.00	33.76 -4.52 0.00	32.87 -4.70 0.00	31.70 -4.74 0.00	29.20 -4.29 0.00	26.97 -3.57 0.00	26.64 -2.83 0.00

OXBOW____ 24026	26.84 -2.82 0.00	25.00 -2.78 0.00	24.27 -2.76 0.00	23.96 -2.90 0.00	23.77 -2.85 0.00	23.87 -2.68 0.00	24.84 -2.85 0.00	23.68 -3.11 0.00	25.41 -2.95 0.00	28.05 -3.29 0.00	29.43 -4.40 0.00	32.67 -4.92 0.00	32.51 -5.16 0.00	32.69 -4.97 0.00	32.73 -4.93 0.00	32.21 -4.86 0.00	33.39 -4.51 0.00	35.13 -4.84 0.00	33.76 -4.52 0.00	32.87 -4.70 0.00	31.66 -4.77 0.00	29.20 -4.29 0.00	26.94 -3.60 0.00	26.41 -3.07 0.00
OXY_CHEM_DSASP 323612	26.45 -3.20 0.00	24.66 -3.11 0.00	23.94 -3.08 0.00	23.63 -3.22 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.10 -5.49 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.66 -5.41 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.12 -5.32 0.00	28.73 -4.76 0.00	26.52 -4.03 0.00	26.02 -3.45 0.00
OZONE_PARK_ESR 323760	31.20 1.54 0.00	29.08 1.31 0.00	28.21 1.19 0.00	28.12 1.26 0.00	27.89 1.28 0.00	27.83 1.27 0.00	29.08 1.38 0.00	28.37 1.58 0.00	30.11 1.76 0.00	33.38 2.04 0.00	36.09 2.27 0.00	40.04 2.44 0.00	40.23 2.56 0.00	40.15 2.49 0.00	40.23 2.56 0.00	39.63 2.56 0.00	40.78 2.88 0.00	43.61 3.64 0.00	41.73 3.45 0.00	40.49 2.93 0.00	39.21 2.77 0.00	35.93 2.44 0.00	32.66 2.11 0.00	31.27 1.80 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.45 -3.20 0.00	24.66 -3.11 0.00	23.94 -3.08 0.00	23.63 -3.22 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.10 -5.49 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.66 -5.41 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.12 -5.32 0.00	28.73 -4.76 0.00	26.52 -4.03 0.00	26.02 -3.45 0.00
PACKARD__115KV_DUPONT_184 80571	26.45 -3.20 0.00	24.66 -3.11 0.00	23.94 -3.08 0.00	23.63 -3.22 0.00	23.42 -3.19 0.00	23.52 -3.03 0.00	24.48 -3.21 0.00	23.34 -3.46 0.00	25.04 -3.32 0.00	27.61 -3.73 0.00	28.92 -4.90 0.00	32.10 -5.49 0.00	31.98 -5.69 0.00	32.13 -5.54 0.00	32.17 -5.50 0.00	31.66 -5.41 0.00	32.78 -5.12 0.00	34.53 -5.44 0.00	33.19 -5.09 0.00	32.30 -5.26 0.00	31.12 -5.32 0.00	28.73 -4.76 0.00	26.52 -4.03 0.00	26.02 -3.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.33 0.68 0.01	28.32 0.56 0.01	27.53 0.51 0.01	27.44 0.59 0.01	27.20 0.59 0.00	27.08 0.53 0.00	28.32 0.64 0.01	27.64 0.86 0.01	29.34 0.99 0.01	32.49 1.16 0.01	35.17 1.35 0.01	39.13 1.54 0.01	39.28 1.62 0.01	39.20 1.54 0.01	39.28 1.62 0.01	38.69 1.63 0.01	39.83 1.93 0.01	42.52 2.56 0.01	40.69 2.41 0.01	39.51 1.95 0.01	38.25 1.82 0.01	34.99 1.51 0.01	31.79 1.25 0.01	30.39 0.91 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.72 1.07 0.01	28.65 0.89 0.01	27.85 0.84 0.01	27.79 0.94 0.01	27.52 0.90 0.00	27.40 0.85 0.00	28.63 0.94 0.01	27.96 1.18 0.01	29.68 1.33 0.01	32.90 1.57 0.01	35.61 1.79 0.01	39.58 1.99 0.01	39.77 2.11 0.01	39.69 2.03 0.01	39.77 2.11 0.01	39.18 2.11 0.01	40.32 2.43 0.01	43.08 3.12 0.01	41.18 2.91 0.01	40.00 2.44 0.01	38.73 2.30 0.01	35.42 1.94 0.01	32.19 1.65 0.01	30.77 1.30 0.00
PATROON__115KV_TB1 80586	30.55 0.89 0.00	28.80 1.03 0.00	28.05 1.03 0.00	27.88 1.02 0.00	27.60 0.98 0.00	27.51 0.96 0.00	28.72 1.02 0.00	27.76 0.96 0.00	29.09 0.74 0.00	32.09 0.75 0.00	34.70 0.88 0.00	38.61 1.01 0.00	38.72 1.05 0.00	38.68 1.02 0.00	38.68 1.02 0.00	38.03 0.96 0.00	39.00 1.10 0.00	41.37 1.40 0.00	39.58 1.30 0.00	38.54 0.98 0.00	37.35 0.91 0.00	34.39 0.90 0.00	31.37 0.82 0.00	30.39 0.91 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.00 -1.66 0.00	25.97 -1.81 0.00	25.24 -1.78 0.00	24.90 -1.96 0.00	24.78 -1.84 0.00	24.88 -1.67 0.00	25.92 -1.77 0.00	24.86 -1.93 0.00	26.68 -1.67 0.00	29.43 -1.91 0.00	30.98 -2.84 0.00	34.32 -3.27 0.00	34.20 -3.47 0.00	34.39 -3.28 0.00	34.46 -3.20 0.00	33.92 -3.15 0.00	35.10 -2.80 0.00	37.05 -2.92 0.00	35.53 -2.76 0.00	34.56 -3.01 0.00	33.30 -3.13 0.00	30.71 -2.78 0.00	28.29 -2.26 0.00	27.59 -1.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.17 1.51 0.00	29.13 1.36 0.00	28.30 1.27 0.00	28.17 1.32 0.00	27.84 1.22 0.00	27.75 1.19 0.00	29.02 1.33 0.00	28.24 1.45 0.00	29.97 1.62 0.00	33.13 1.79 0.00	35.85 2.03 0.00	39.81 2.22 0.00	40.04 2.37 0.00	39.92 2.26 0.00	39.89 2.22 0.00	39.29 2.22 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.81 2.37 0.00	35.66 2.18 0.00	32.41 1.86 0.00	31.09 1.62 0.00
PEEKSKILL____ 23653	30.84 1.19 0.00	28.80 1.03 0.00	27.97 0.95 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.51 0.95 0.00	28.77 1.08 0.00	28.00 1.21 0.00	29.69 1.33 0.00	32.88 1.54 0.00	35.52 1.69 0.00	39.66 2.07 0.00	39.59 1.92 0.00	39.69 2.03 0.00	39.55 1.88 0.00	38.96 1.89 0.00	40.06 2.16 0.00	42.73 2.76 0.00	40.89 2.60 0.00	39.70 2.14 0.00	38.48 2.04 0.00	35.33 1.84 0.00	32.13 1.59 0.00	30.74 1.27 0.00
PGE MADISON__WINDPWR 24146	31.97 2.31 0.00	29.86 2.08 0.00	29.05 2.03 0.00	28.79 1.93 0.00	28.42 1.81 0.00	28.52 1.96 0.00	29.88 2.19 0.00	29.12 2.33 0.00	30.88 2.52 0.00	34.07 2.73 0.00	36.80 2.98 0.00	41.12 3.53 0.00	41.17 3.50 0.00	41.20 3.54 0.00	40.98 3.32 0.00	40.33 3.26 0.00	41.65 3.75 0.00	44.33 4.36 0.00	42.11 3.83 0.00	40.83 3.27 0.00	39.57 3.13 0.00	36.23 2.75 0.00	32.99 2.44 0.00	31.83 2.36 0.00
PIERCEFIELD__HYD 23852	29.95 0.30 0.00	28.02 0.25 0.00	27.27 0.24 0.00	27.10 0.24 0.00	26.83 0.21 0.00	26.74 0.19 0.00	27.61 -0.08 0.00	26.74 -0.05 0.00	28.24 -0.11 0.00	30.93 -0.41 0.00	33.59 -0.24 0.00	37.25 -0.34 0.00	37.18 -0.49 0.00	37.17 -0.49 0.00	37.18 -0.49 0.00	36.51 -0.56 0.00	37.11 -0.80 0.00	38.85 -1.12 0.00	37.25 -1.03 0.00	36.92 -0.64 0.00	35.86 -0.58 0.00	33.22 -0.27 0.00	30.49 -0.06 0.00	29.74 0.27 0.00
PINELAWN_CC_1 323563	35.78 2.04 -4.08	34.51 1.83 -4.90	32.46 1.73 -3.71	30.33 1.77 -1.70	29.47 1.76 -1.10	31.00 1.75 -2.70	29.59 1.88 -0.01	34.39 1.98 -5.61	40.67 2.18 -10.13	45.32 2.48 -11.51	51.94 2.74 -15.38	54.57 3.23 -13.75	55.64 3.09 -14.89	53.35 3.20 -12.49	53.39 3.09 -12.64	53.12 3.08 -12.97	54.87 3.48 -13.48	63.68 4.20 -19.51	60.64 3.94 -18.41	55.38 3.45 -14.36	53.60 3.24 -13.92	49.48 2.88 -13.11	47.20 2.53 -14.12	45.29 2.15 -13.67
PJM_GEN_HTP_PROXY 323702	30.96 1.30 0.00	28.86 1.08 0.00	28.00 0.97 0.00	27.90 1.05 0.00	27.68 1.07 0.00	27.61 1.06 0.00	28.86 1.16 0.00	28.16 1.37 0.00	29.83 1.47 0.00	33.31 1.72 -0.25	35.50 1.93 0.25	39.92 2.33 0.00	39.81 2.15 0.00	39.92 2.26 0.00	39.81 2.15 0.00	39.18 2.11 0.00	40.33 2.43 0.00	43.09 3.12 0.00	41.19 2.91 0.00	40.04 2.48 0.00	38.74 2.30 0.00	35.56 2.08 0.00	32.35 1.80 0.00	30.86 1.39 0.00

PJM_GEN_KEystone 24065	29.21 -0.44 0.00	27.06 -0.47 0.24	25.93 -0.51 0.58	25.50 -0.54 0.82	25.73 -0.51 0.38	26.10 -0.45 0.00	27.28 -0.41 0.00	26.39 -0.40 0.00	28.13 -0.23 0.00	31.34 -0.25 -0.25	32.97 -0.61 0.25	36.40 -0.64 0.55	34.56 -0.79 2.31	33.41 -0.64 3.61	33.70 -0.72 3.25	34.08 -0.71 2.29	37.20 -0.42 0.28	39.85 -0.12 0.00	38.13 -0.15 0.00	36.40 -0.49 0.67	35.20 -0.58 0.65	32.99 -0.50 0.00	30.15 -0.40 0.00	28.39 -0.35 0.73
PJM_GEN_NEPTUNE_PROXY 323594	33.79 1.66 -2.48	32.22 1.47 -2.97	30.62 1.35 -2.25	29.31 1.42 -1.03	28.69 1.41 -0.66	29.57 1.38 -1.64	29.22 1.52 -0.01	31.83 1.63 -3.40	36.29 1.79 -6.15	40.61 2.04 -7.23	45.17 2.27 -9.08	48.60 2.67 -8.34	49.22 2.52 -9.03	47.88 2.64 -7.58	47.82 2.49 -7.67	47.42 2.48 -7.87	48.88 2.80 -8.18	55.24 3.44 -11.84	52.70 3.25 -11.17	49.06 2.78 -8.71	47.51 2.63 -8.44	43.82 2.38 -7.95	41.22 2.11 -8.56	39.50 1.74 -8.29
PJM_GEN_VFT_PROXY 323633	30.81 1.16 0.00	28.74 0.97 0.00	27.86 0.84 0.00	27.80 0.94 0.00	27.55 0.93 0.00	27.48 0.93 0.00	28.75 1.05 0.00	28.05 1.26 0.00	29.75 1.39 0.00	33.19 1.60 -0.25	35.36 1.79 0.25	39.81 2.22 0.00	39.66 1.99 0.00	39.77 2.11 0.00	39.66 1.99 0.00	39.03 1.96 0.00	40.21 2.31 0.00	42.97 3.00 0.00	41.08 2.79 0.00	39.89 2.33 0.00	38.59 2.15 0.00	35.39 1.91 0.00	32.26 1.71 0.00	30.74 1.27 0.00
PLATSBRG_115KV_PMLD1 355749	31.11 1.45 0.00	29.11 1.33 0.00	28.30 1.27 0.00	28.12 1.26 0.00	27.84 1.22 0.00	27.85 1.30 0.00	28.55 0.86 0.00	27.62 0.83 0.00	29.18 0.82 0.00	32.28 0.94 0.00	34.97 1.15 0.00	38.72 1.13 0.00	38.87 1.21 0.00	38.75 1.09 0.00	38.80 1.13 0.00	38.11 1.04 0.00	38.73 0.83 0.00	40.65 0.68 0.00	38.97 0.69 0.00	38.54 0.98 0.00	37.39 0.95 0.00	34.32 0.84 0.00	31.25 0.70 0.00	30.68 1.21 0.00
PLEASANTVLY___LBMP 24000	30.81 1.16 0.00	28.83 1.06 0.00	28.00 0.97 0.00	27.88 1.02 0.00	27.63 1.01 0.00	27.53 0.98 0.00	28.77 1.08 0.00	27.94 1.15 0.00	29.60 1.25 0.00	32.75 1.41 0.00	35.41 1.59 0.00	39.28 1.69 0.00	39.47 1.81 0.00	39.39 1.73 0.00	39.44 1.77 0.00	38.81 1.74 0.00	39.87 1.97 0.00	42.49 2.52 0.00	40.66 2.37 0.00	39.52 1.95 0.00	38.30 1.86 0.00	35.19 1.71 0.00	32.01 1.47 0.00	30.77 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.93 1.28 0.00	28.91 1.14 0.00	28.08 1.05 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.61 1.06 0.00	28.88 1.19 0.00	28.10 1.31 0.00	29.80 1.45 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.55 1.95 0.00	39.74 2.07 0.00	39.66 2.00 0.00	39.70 2.03 0.00	39.11 2.04 0.00	40.18 2.27 0.00	42.89 2.92 0.00	41.04 2.76 0.00	39.85 2.29 0.00	38.62 2.19 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.95 1.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.93 1.28 0.00	28.91 1.14 0.00	28.08 1.05 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.61 1.06 0.00	28.88 1.19 0.00	28.10 1.31 0.00	29.80 1.45 0.00	32.97 1.63 0.00	35.65 1.83 0.00	39.55 1.95 0.00	39.74 2.07 0.00	39.66 2.00 0.00	39.70 2.03 0.00	39.11 2.04 0.00	40.18 2.27 0.00	42.89 2.92 0.00	41.04 2.76 0.00	39.85 2.29 0.00	38.62 2.19 0.00	35.46 1.98 0.00	32.26 1.71 0.00	30.95 1.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.99 1.33 0.00	29.00 1.22 0.00	28.16 1.14 0.00	28.04 1.18 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.94 1.25 0.00	28.02 1.23 0.00	29.75 1.39 0.00	32.91 1.57 0.00	35.58 1.76 0.00	39.51 1.92 0.00	39.66 2.00 0.00	39.62 1.96 0.00	39.62 1.96 0.00	39.04 1.96 0.00	40.14 2.24 0.00	42.81 2.84 0.00	40.92 2.64 0.00	39.78 2.22 0.00	38.52 2.08 0.00	35.40 1.91 0.00	32.20 1.65 0.00	30.95 1.47 0.00
POLETTI_____ 23519	30.83 1.19 0.01	28.77 1.00 0.01	27.94 0.92 0.00	27.85 0.99 0.00	27.60 0.98 0.00	27.53 0.98 0.00	28.77 1.08 0.01	28.07 1.29 0.01	29.77 1.42 0.01	32.99 1.66 0.01	35.68 1.86 0.01	39.54 1.95 0.01	39.73 2.07 0.01	39.65 2.00 0.01	39.73 2.07 0.01	39.14 2.08 0.01	40.24 2.35 0.01	43.04 3.08 0.01	41.15 2.87 0.01	39.96 2.40 0.01	38.69 2.26 0.01	35.49 2.01 0.01	32.25 1.71 0.01	30.92 1.44 0.00
POMONA___ESR 323819	30.81 1.16 0.00	28.74 0.97 0.00	27.92 0.89 0.00	27.80 0.94 0.00	27.55 0.93 0.00	27.45 0.90 0.00	28.72 1.03 0.00	27.94 1.15 0.00	29.66 1.31 0.00	32.81 1.47 0.00	35.45 1.62 0.00	39.55 1.95 0.00	39.51 1.85 0.00	39.58 1.92 0.00	39.47 1.81 0.00	38.85 1.78 0.00	39.95 2.05 0.00	42.65 2.68 0.00	40.81 2.53 0.00	39.63 2.06 0.00	38.37 1.93 0.00	35.26 1.77 0.00	32.07 1.53 0.00	30.68 1.21 0.00
PORT_JEFF_3 23555	35.93 2.19 -4.08	34.70 2.03 -4.90	32.62 1.89 -3.71	30.51 1.96 -1.70	29.65 1.94 -1.10	31.16 1.91 -2.70	29.81 2.10 -0.01	34.57 2.17 -5.61	40.87 2.38 -10.13	45.54 2.70 -11.51	52.21 3.01 -15.38	54.84 3.50 -13.75	55.87 3.32 -14.89	53.62 3.46 -12.49	53.62 3.32 -12.64	53.34 3.30 -12.97	55.21 3.83 -13.48	63.92 4.44 -19.51	60.94 4.25 -18.41	55.65 3.72 -14.36	53.86 3.50 -13.92	49.61 3.02 -13.11	47.38 2.72 -14.12	45.50 2.36 -13.67
PORT_JEFF_4 23616	35.93 2.19 -4.08	34.70 2.03 -4.90	32.62 1.89 -3.71	30.51 1.96 -1.70	29.65 1.94 -1.10	31.16 1.91 -2.70	29.81 2.10 -0.01	34.57 2.17 -5.61	40.87 2.38 -10.13	45.54 2.70 -11.51	52.21 3.01 -15.38	54.84 3.50 -13.75	55.87 3.32 -14.89	53.62 3.46 -12.49	53.62 3.32 -12.64	53.34 3.30 -12.97	55.21 3.83 -13.48	63.92 4.44 -19.51	60.94 4.25 -18.41	55.65 3.72 -14.36	53.86 3.50 -13.92	49.61 3.02 -13.11	47.38 2.72 -14.12	45.50 2.36 -13.67
PORT_JEFF_IC 23713	35.93 2.19 -4.08	34.70 2.03 -4.90	32.65 1.92 -3.71	30.51 1.96 -1.70	29.65 1.94 -1.10	31.18 1.94 -2.70	29.81 2.10 -0.01	34.57 2.17 -5.61	40.87 2.38 -10.13	45.57 2.73 -11.51	52.21 3.01 -15.38	54.87 3.53 -13.75	55.87 3.32 -14.89	53.62 3.46 -12.49	53.66 3.35 -12.64	53.34 3.30 -12.97	55.25 3.87 -13.48	63.96 4.48 -19.51	60.94 4.25 -18.41	55.68 3.76 -14.36	53.89 3.53 -13.92	49.64 3.05 -13.11	47.38 2.72 -14.12	45.53 2.39 -13.67
PPL PILGRIM_ST_GT1 24216	36.05 2.31 -4.08	34.76 2.08 -4.90	32.70 1.97 -3.71	30.59 2.04 -1.70	29.73 2.02 -1.10	31.24 1.99 -2.70	29.86 2.16 -0.01	34.63 2.22 -5.61	40.90 2.41 -10.13	45.61 2.76 -11.51	52.25 3.05 -15.38	54.91 3.57 -13.75	55.94 3.39 -14.89	53.69 3.54 -12.49	53.70 3.39 -12.64	53.41 3.37 -12.97	55.25 3.87 -13.48	64.04 4.55 -19.51	61.02 4.32 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.71 3.11 -13.11	47.41 2.75 -14.12	45.53 2.39 -13.67
PPL PILGRIM_ST_GT2 24217	36.05 2.31 -4.08	34.76 2.08 -4.90	32.70 1.97 -3.71	30.59 2.04 -1.70	29.73 2.02 -1.10	31.24 1.99 -2.70	29.86 2.16 -0.01	34.63 2.22 -5.61	40.90 2.41 -10.13	45.61 2.76 -11.51	52.25 3.05 -15.38	54.91 3.57 -13.75	55.94 3.39 -14.89	53.69 3.54 -12.49	53.70 3.39 -12.64	53.41 3.37 -12.97	55.25 3.87 -13.48	64.04 4.55 -19.51	61.02 4.32 -18.41	55.72 3.79 -14.36	53.93 3.57 -13.92	49.71 3.11 -13.11	47.41 2.75 -14.12	45.53 2.39 -13.67

PPL_SHRM_GT3 24213	35.78 2.04 -4.08	34.70 2.03 -4.90	32.59 1.86 -3.71	30.49 1.93 -1.70	29.63 1.92 -1.10	31.16 1.91 -2.70	29.81 2.10 -0.01	34.55 2.14 -5.61	40.87 2.38 -10.13	45.57 2.73 -11.51	52.28 3.08 -15.38	54.84 3.50 -13.75	55.75 3.20 -14.89	53.62 3.46 -12.49	53.62 3.32 -12.64	53.30 3.26 -12.97	55.25 3.87 -13.48	63.76 4.28 -19.51	60.87 4.17 -18.41	55.57 3.64 -14.36	53.89 3.53 -13.92	49.48 2.88 -13.11	47.35 2.69 -14.12	45.59 2.44 -13.67
PPL_SHRM_GT4 24214	35.78 2.04 -4.08	34.70 2.03 -4.90	32.59 1.86 -3.71	30.49 1.93 -1.70	29.63 1.92 -1.10	31.16 1.91 -2.70	29.81 2.10 -0.01	34.55 2.14 -5.61	40.87 2.38 -10.13	45.57 2.73 -11.51	52.28 3.08 -15.38	54.84 3.50 -13.75	55.75 3.20 -14.89	53.62 3.46 -12.49	53.62 3.32 -12.64	53.30 3.26 -12.97	55.25 3.87 -13.48	63.76 4.28 -19.51	60.87 4.17 -18.41	55.57 3.64 -14.36	53.89 3.53 -13.92	49.48 2.88 -13.11	47.35 2.69 -14.12	45.59 2.44 -13.67
PROJECT___ORANGE 1 24174	29.00 -0.65 0.00	27.11 -0.67 0.00	26.38 -0.65 0.00	26.18 -0.67 0.00	25.95 -0.67 0.00	25.94 -0.61 0.00	27.06 -0.64 0.00	26.15 -0.64 0.00	27.76 -0.60 0.00	30.68 -0.66 0.00	32.98 -0.85 0.00	36.69 -0.90 0.00	36.72 -0.94 0.00	36.76 -0.90 0.00	36.76 -0.90 0.00	36.18 -0.89 0.00	37.14 -0.76 0.00	39.25 -0.72 0.00	37.55 -0.73 0.00	36.66 -0.90 0.00	35.53 -0.91 0.00	32.62 -0.87 0.00	29.81 -0.73 0.00	28.73 -0.74 0.00
PROJECT___ORANGE 2 24166	29.00 -0.65 0.00	27.11 -0.67 0.00	26.38 -0.65 0.00	26.18 -0.67 0.00	25.95 -0.67 0.00	25.94 -0.61 0.00	27.06 -0.64 0.00	26.15 -0.64 0.00	27.76 -0.60 0.00	30.68 -0.66 0.00	32.98 -0.85 0.00	36.69 -0.90 0.00	36.72 -0.94 0.00	36.76 -0.90 0.00	36.76 -0.90 0.00	36.18 -0.89 0.00	37.14 -0.76 0.00	39.25 -0.72 0.00	37.55 -0.73 0.00	36.66 -0.90 0.00	35.53 -0.91 0.00	32.62 -0.87 0.00	29.81 -0.73 0.00	28.73 -0.74 0.00
PUCKETT___SOLAR 323809	30.13 0.47 0.00	28.16 0.39 0.00	27.40 0.38 0.00	27.20 0.35 0.00	26.96 0.35 0.00	26.95 0.40 0.00	28.16 0.47 0.00	27.27 0.48 0.00	28.98 0.62 0.00	32.03 0.69 0.00	34.43 0.61 0.00	38.38 0.79 0.00	38.34 0.68 0.00	38.45 0.79 0.00	38.34 0.68 0.00	37.77 0.70 0.00	38.85 0.95 0.00	41.25 1.28 0.00	39.35 1.07 0.00	38.31 0.75 0.00	37.13 0.69 0.00	34.09 0.60 0.00	31.10 0.55 0.00	30.00 0.53 0.00
PYRITES___HYD 24023	30.37 0.71 0.00	28.41 0.64 0.00	27.65 0.62 0.00	27.45 0.59 0.00	27.20 0.59 0.00	27.11 0.56 0.00	28.08 0.39 0.00	27.25 0.46 0.00	28.81 0.45 0.00	31.59 0.25 0.00	34.33 0.51 0.00	38.12 0.53 0.00	38.04 0.38 0.00	38.08 0.41 0.00	38.00 0.34 0.00	37.37 0.30 0.00	37.98 0.08 0.00	39.77 -0.20 0.00	38.09 -0.19 0.00	37.79 0.23 0.00	36.69 0.26 0.00	33.89 0.40 0.00	31.01 0.46 0.00	30.18 0.71 0.00
QUAKERRD_115KV_BK1 80622	27.64 -2.02 0.00	25.77 -2.00 0.00	25.03 -2.00 0.00	24.81 -2.04 0.00	24.62 -2.00 0.00	24.64 -1.91 0.00	25.73 -1.97 0.00	24.78 -2.01 0.00	26.43 -1.93 0.00	29.24 -2.10 0.00	31.15 -2.67 0.00	34.70 -2.89 0.00	34.58 -3.09 0.00	34.72 -2.94 0.00	34.77 -2.90 0.00	34.22 -2.85 0.00	35.25 -2.65 0.00	37.17 -2.80 0.00	35.60 -2.68 0.00	34.71 -2.85 0.00	33.56 -2.88 0.00	30.84 -2.65 0.00	28.23 -2.32 0.00	27.38 -2.09 0.00
QUENSBRY_115KV_TB8 356137	31.35 1.69 0.00	29.36 1.58 0.00	28.54 1.51 0.00	28.36 1.50 0.00	28.08 1.46 0.00	28.01 1.46 0.00	29.27 1.58 0.00	28.29 1.50 0.00	30.06 1.70 0.00	33.38 2.04 0.00	36.19 2.37 0.00	40.45 2.86 0.00	40.45 2.79 0.00	40.41 2.75 0.00	40.30 2.64 0.00	39.67 2.59 0.00	40.71 2.80 0.00	43.17 3.20 0.00	41.31 3.02 0.00	40.15 2.59 0.00	38.84 2.40 0.00	35.63 2.14 0.00	32.35 1.80 0.00	31.15 1.68 0.00
RAMAPO___LBMP 323565	30.66 1.01 0.00	28.66 0.89 0.00	27.84 0.81 0.00	27.72 0.86 0.00	27.47 0.85 0.00	27.40 0.85 0.00	28.64 0.94 0.00	27.86 1.07 0.00	29.58 1.22 0.00	32.72 1.38 0.00	35.35 1.52 0.00	39.17 1.58 0.00	39.36 1.69 0.00	39.28 1.62 0.00	39.32 1.66 0.00	38.74 1.67 0.00	39.80 1.90 0.00	42.49 2.52 0.00	40.66 2.37 0.00	39.48 1.92 0.00	38.26 1.82 0.00	35.13 1.64 0.00	31.95 1.41 0.00	30.65 1.18 0.00
RANKINE____ 23646	27.70 -1.96 0.00	25.72 -2.06 0.00	24.97 -2.05 0.00	24.65 -2.20 0.00	24.51 -2.10 0.00	24.61 -1.94 0.00	25.62 -2.08 0.00	24.51 -2.28 0.00	26.31 -2.04 0.00	29.02 -2.32 0.00	30.51 -3.31 0.00	33.83 -3.76 0.00	33.71 -3.95 0.00	33.90 -3.77 0.00	33.94 -3.73 0.00	33.40 -3.67 0.00	34.60 -3.30 0.00	36.49 -3.48 0.00	35.03 -3.25 0.00	34.07 -3.49 0.00	32.83 -3.61 0.00	30.27 -3.21 0.00	27.89 -2.66 0.00	27.26 -2.21 0.00
RAVENSWOOD_GT2_1 24244	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.31 3.02 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
RAVENSWOOD_GT2_2 24245	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.31 3.02 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
RAVENSWOOD_GT2_3 24246	30.96 1.30 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.13 1.79 0.00	35.79 1.96 0.00	39.70 2.11 0.00	39.89 2.22 0.00	39.81 2.15 0.00	39.89 2.22 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.21 3.24 0.00	41.31 3.02 0.00	40.12 2.55 0.00	38.84 2.40 0.00	35.63 2.14 0.00	32.38 1.83 0.00	31.03 1.56 0.00
RAVENSWOOD_GT2_4 24247	30.96 1.30 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.13 1.79 0.00	35.79 1.96 0.00	39.70 2.11 0.00	39.89 2.22 0.00	39.81 2.15 0.00	39.89 2.22 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.21 3.24 0.00	41.31 3.02 0.00	40.12 2.55 0.00	38.84 2.40 0.00	35.63 2.14 0.00	32.38 1.83 0.00	31.03 1.56 0.00
RAVENSWOOD_GT3_1 24248	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.31 3.02 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00

RAVENSWOOD_GT3_2 24249	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.31 3.02 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
RAVENSWOOD_GT3_3 24250	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.96 1.10 0.00	27.73 1.12 0.00	27.67 1.12 0.00	28.91 1.22 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.82 2.00 0.00	39.73 2.14 0.00	39.93 2.26 0.00	39.85 2.18 0.00	39.93 2.26 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.34 3.06 0.00	40.15 2.59 0.00	38.88 2.44 0.00	35.66 2.18 0.00	32.41 1.86 0.00	31.03 1.56 0.00
RAVENSWOOD_GT3_4 24251	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.96 1.10 0.00	27.73 1.12 0.00	27.67 1.12 0.00	28.91 1.22 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.82 2.00 0.00	39.73 2.14 0.00	39.93 2.26 0.00	39.85 2.18 0.00	39.93 2.26 0.00	39.29 2.22 0.00	40.44 2.54 0.00	43.25 3.28 0.00	41.34 3.06 0.00	40.15 2.59 0.00	38.88 2.44 0.00	35.66 2.18 0.00	32.41 1.86 0.00	31.03 1.56 0.00
RAVENSWOOD_GT_1 23729	31.02 1.36 0.00	28.94 1.17 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.91 1.22 0.00	28.21 1.42 0.00	29.94 1.59 0.00	33.19 1.85 0.00	35.89 2.06 0.00	39.77 2.18 0.00	40.00 2.34 0.00	39.92 2.26 0.00	40.00 2.34 0.00	39.95 2.34 -0.54	40.55 2.65 0.00	45.01 3.40 -1.65	44.90 3.22 -3.41	40.27 2.70 0.00	38.95 2.51 0.00	39.92 2.28 -4.15	32.47 1.92 0.00	31.09 1.62 0.00
RAVENSWOOD_GT_10 24258	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.27 2.99 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
RAVENSWOOD_GT_11 24259	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.27 2.99 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
RAVENSWOOD_GT_4 24252	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.63 2.15 -0.41	40.36 2.46 0.00	44.38 3.16 -1.25	43.86 2.99 -2.59	40.08 2.52 0.00	38.81 2.37 0.00	38.76 2.11 -3.16	32.35 1.80 0.00	31.00 1.53 0.00
RAVENSWOOD_GT_5 24254	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.63 2.15 -0.41	40.36 2.46 0.00	44.38 3.16 -1.25	43.86 2.99 -2.59	40.08 2.52 0.00	38.81 2.37 0.00	38.76 2.11 -3.16	32.35 1.80 0.00	31.00 1.53 0.00
RAVENSWOOD_GT_6 24253	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.63 2.15 -0.41	40.36 2.46 0.00	44.38 3.16 -1.25	43.86 2.99 -2.59	40.08 2.52 0.00	38.81 2.37 0.00	38.76 2.11 -3.16	32.35 1.80 0.00	31.00 1.53 0.00
RAVENSWOOD_GT_7 24255	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.63 2.15 -0.41	40.36 2.46 0.00	44.38 3.16 -1.25	43.86 2.99 -2.59	40.08 2.52 0.00	38.81 2.37 0.00	38.76 2.11 -3.16	32.35 1.80 0.00	31.00 1.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.27 2.99 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
RAVENSWOOD_GT_9 24257	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.89 2.22 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.27 2.99 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
RAVENSWOOD___1 23533	31.05 1.39 0.00	28.94 1.17 0.00	28.08 1.05 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.67 1.11 0.00	28.88 1.19 0.00	28.21 1.42 0.00	29.91 1.56 0.00	33.19 1.85 0.00	35.89 2.06 0.00	40.11 2.52 0.00	40.00 2.34 0.00	40.15 2.49 0.00	40.00 2.34 0.00	39.41 2.34 0.00	40.51 2.61 0.00	43.36 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.95 2.51 0.00	35.73 2.24 0.00	32.47 1.93 0.00	30.94 1.47 0.00
RAVENSWOOD___2 23534	31.02 1.36 0.00	28.94 1.17 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.19 1.85 0.00	35.85 2.03 0.00	40.11 2.52 0.00	39.96 2.30 0.00	40.15 2.49 0.00	39.96 2.30 0.00	39.41 2.34 0.00	40.51 2.61 0.00	43.36 3.40 0.00	41.46 3.18 0.00	40.23 2.67 0.00	38.95 2.51 0.00	35.73 2.24 0.00	32.47 1.93 0.00	30.94 1.47 0.00
RAVENSWOOD___3 23535	30.99 1.34 0.00	28.91 1.14 0.00	28.03 1.00 0.00	27.96 1.10 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.09 1.75 0.00	35.79 1.96 0.00	40.00 2.41 0.00	39.89 2.22 0.00	40.00 2.34 0.00	39.85 2.18 0.00	39.26 2.19 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.27 2.99 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	30.89 1.41 0.00

RAVENSWOOD___4 23820	31.02 1.36 0.00	28.94 1.17 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.91 1.56 0.00	33.16 1.82 0.00	35.85 2.03 0.00	40.07 2.48 0.00	39.96 2.30 0.00	40.15 2.49 0.00	39.96 2.30 0.00	38.84 2.30 0.53	40.51 2.61 0.00	41.71 3.36 1.62	38.07 3.14 3.35	40.23 2.67 0.00	38.92 2.48 0.00	31.64 2.24 4.09	32.47 1.93 0.00	30.94 1.47 0.00
RCPI_TRUST___DRP 24196	30.96 1.30 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.71 1.09 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.89 1.53 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.22 2.15 0.00	40.40 2.50 0.00	43.17 3.20 0.00	41.27 2.99 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
RED___ROCHESTER 323720	28.11 -1.54 0.00	26.27 -1.50 0.00	25.49 -1.54 0.00	25.25 -1.61 0.00	25.07 -1.54 0.00	25.12 -1.43 0.00	26.20 -1.50 0.00	25.21 -1.58 0.00	26.94 -1.42 0.00	29.81 -1.53 0.00	31.66 -2.17 0.00	35.26 -2.33 0.00	35.10 -2.56 0.00	35.29 -2.37 0.00	35.33 -2.34 0.00	34.77 -2.30 0.00	35.89 -2.01 0.00	37.85 -2.12 0.00	36.29 -1.99 0.00	35.35 -2.22 0.00	34.14 -2.29 0.00	31.38 -2.11 0.00	28.74 -1.80 0.00	28.06 -1.41 0.00
REGAN___SOLAR 323812	32.00 2.34 0.00	29.94 2.17 0.00	29.13 2.11 0.00	28.92 2.07 0.00	28.56 1.94 0.00	28.54 1.99 0.00	29.88 2.19 0.00	28.91 2.12 0.00	30.77 2.41 0.00	34.13 2.79 0.00	37.04 3.22 0.00	41.69 4.10 0.00	41.47 3.80 0.00	41.58 3.92 0.00	41.39 3.73 0.00	40.89 3.82 0.00	42.15 4.24 0.00	44.72 4.75 0.00	42.72 4.44 0.00	41.47 3.91 0.00	40.01 3.57 0.00	36.63 3.15 0.00	33.17 2.63 0.00	31.89 2.42 0.00
RENSSELAER___COGEN 23796	30.63 0.98 0.00	28.69 0.92 0.00	27.94 0.92 0.00	27.80 0.94 0.00	27.52 0.91 0.00	27.43 0.87 0.00	28.64 0.94 0.00	27.65 0.86 0.00	28.98 0.62 0.00	31.93 0.59 0.00	34.54 0.71 0.00	38.53 0.94 0.00	38.49 0.83 0.00	38.60 0.94 0.00	38.49 0.83 0.00	37.89 0.81 0.00	38.85 0.95 0.00	41.17 1.20 0.00	39.39 1.11 0.00	38.39 0.83 0.00	37.20 0.77 0.00	34.26 0.77 0.00	31.25 0.70 0.00	30.24 0.76 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.47 2.82 0.00	30.33 2.56 0.00	29.51 2.49 0.00	29.33 2.47 0.00	28.98 2.37 0.00	28.94 2.39 0.00	30.24 2.55 0.00	29.28 2.49 0.00	31.19 2.84 0.00	34.73 3.38 0.00	37.75 3.92 0.00	42.33 4.74 0.00	42.26 4.60 0.00	42.18 4.52 0.00	41.92 4.26 0.00	41.22 4.15 0.00	42.37 4.47 0.00	44.97 5.00 0.00	43.03 4.75 0.00	41.73 4.17 0.00	40.30 3.86 0.00	36.90 3.42 0.00	33.42 2.87 0.00	32.21 2.74 0.00
REVERE_CPPR_DRP 24186	30.46 0.80 0.00	28.50 0.72 0.00	27.70 0.68 0.00	27.53 0.67 0.00	27.25 0.64 0.00	27.27 0.72 0.00	28.50 0.80 0.00	27.59 0.80 0.00	29.24 0.88 0.00	32.31 0.97 0.00	35.04 1.22 0.00	38.98 1.39 0.00	39.17 1.51 0.00	39.21 1.54 0.00	39.10 1.43 0.00	38.52 1.45 0.00	39.45 1.55 0.00	41.81 1.84 0.00	39.81 1.53 0.00	38.88 1.31 0.00	37.68 1.24 0.00	34.63 1.14 0.00	31.52 0.98 0.00	30.39 0.91 0.00
REYNOLDS_115KV_TB3 80639	30.58 0.92 0.00	28.77 1.00 0.00	28.03 1.00 0.00	27.88 1.02 0.00	27.60 0.98 0.00	27.51 0.96 0.00	28.72 1.02 0.00	27.73 0.94 0.00	29.15 0.79 0.00	32.19 0.85 0.00	34.87 1.05 0.00	38.76 1.17 0.00	38.83 1.17 0.00	38.83 1.17 0.00	38.83 1.17 0.00	38.22 1.15 0.00	39.19 1.29 0.00	41.53 1.56 0.00	39.74 1.45 0.00	38.69 1.13 0.00	37.50 1.06 0.00	34.56 1.07 0.00	31.52 0.98 0.00	30.44 0.97 0.00
RIVERBAY____ 323610	30.72 1.07 0.01	28.65 0.89 0.01	27.85 0.84 0.01	27.79 0.94 0.01	27.52 0.90 0.00	27.40 0.85 0.00	28.63 0.94 0.01	27.96 1.18 0.01	29.68 1.33 0.01	32.90 1.57 0.01	35.61 1.79 0.01	39.58 1.99 0.01	39.77 2.11 0.01	39.69 2.03 0.01	39.77 2.11 0.01	39.18 2.11 0.01	40.32 2.43 0.01	43.08 3.12 0.01	41.18 2.91 0.01	40.00 2.44 0.01	38.73 2.30 0.01	35.42 1.94 0.01	32.19 1.65 0.01	30.77 1.30 0.00
RIVERSDE_115KV_TB3 55908	30.52 0.86 0.00	28.77 1.00 0.00	28.00 0.97 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.48 0.93 0.00	28.69 1.00 0.00	27.73 0.94 0.00	29.09 0.74 0.00	32.09 0.75 0.00	34.74 0.91 0.00	38.61 1.01 0.00	38.72 1.05 0.00	38.68 1.02 0.00	38.68 1.02 0.00	38.07 1.00 0.00	39.04 1.14 0.00	41.37 1.40 0.00	39.58 1.30 0.00	38.58 1.01 0.00	37.39 0.95 0.00	34.42 0.94 0.00	31.40 0.86 0.00	30.39 0.91 0.00
ROARING___BROOK_WT_PWR 323790	29.72 0.06 0.00	27.86 0.08 0.00	27.11 0.08 0.00	26.94 0.08 0.00	26.67 0.05 0.00	26.60 0.05 0.00	27.72 0.03 0.00	26.82 0.03 0.00	28.36 0.00 0.00	31.31 -0.03 0.00	33.86 0.03 0.00	37.55 -0.04 0.00	37.67 0.00 0.00	37.62 -0.04 0.00	37.67 0.00 0.00	37.00 -0.07 0.00	37.67 -0.23 0.00	39.57 -0.40 0.00	37.90 -0.38 0.00	37.30 -0.26 0.00	36.19 -0.25 0.00	33.25 -0.23 0.00	30.30 -0.25 0.00	29.30 -0.18 0.00
ROCHESRG_115KV_T4 355643	27.97 -1.69 0.00	26.02 -1.75 0.00	25.30 -1.73 0.00	25.03 -1.83 0.00	24.86 -1.76 0.00	24.90 -1.65 0.00	25.98 -1.72 0.00	25.00 -1.80 0.00	26.68 -1.67 0.00	29.49 -1.85 0.00	31.32 -2.50 0.00	34.85 -2.74 0.00	34.73 -2.94 0.00	34.88 -2.79 0.00	34.92 -2.75 0.00	34.36 -2.71 0.00	35.44 -2.46 0.00	37.37 -2.60 0.00	35.87 -2.41 0.00	34.93 -2.63 0.00	33.74 -2.70 0.00	31.04 -2.44 0.00	28.47 -2.08 0.00	27.64 -1.83 0.00
ROCHESTER_9_IC 23652	28.08 -1.57 0.00	26.16 -1.61 0.00	25.40 -1.62 0.00	25.14 -1.72 0.00	24.96 -1.65 0.00	25.04 -1.51 0.00	26.09 -1.61 0.00	25.10 -1.69 0.00	26.83 -1.53 0.00	29.68 -1.66 0.00	31.49 -2.33 0.00	35.07 -2.52 0.00	34.92 -2.75 0.00	35.10 -2.56 0.00	35.14 -2.52 0.00	34.59 -2.48 0.00	35.66 -2.24 0.00	37.61 -2.36 0.00	36.10 -2.18 0.00	35.16 -2.40 0.00	33.96 -2.48 0.00	31.21 -2.28 0.00	28.62 -1.92 0.00	27.79 -1.68 0.00
ROCKVIEW_13_KV_LD 356306	31.02 1.36 0.00	28.97 1.19 0.00	28.13 1.11 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.69 1.14 0.00	28.97 1.27 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.13 1.79 0.00	35.79 1.96 0.00	39.70 2.11 0.00	39.89 2.22 0.00	39.81 2.15 0.00	39.89 2.22 0.00	39.26 2.19 0.00	40.36 2.46 0.00	43.09 3.12 0.00	41.23 2.95 0.00	40.04 2.48 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.03 1.56 0.00
ROME____115KV_TB2 80656	30.46 0.80 0.00	28.50 0.72 0.00	27.70 0.68 0.00	27.53 0.67 0.00	27.25 0.64 0.00	27.27 0.72 0.00	28.50 0.80 0.00	27.59 0.80 0.00	29.24 0.88 0.00	32.31 0.97 0.00	35.04 1.22 0.00	38.98 1.39 0.00	39.17 1.51 0.00	39.21 1.54 0.00	39.10 1.43 0.00	38.52 1.45 0.00	39.45 1.55 0.00	41.81 1.84 0.00	39.81 1.53 0.00	38.88 1.31 0.00	37.68 1.24 0.00	34.63 1.14 0.00	31.52 0.98 0.00	30.39 0.91 0.00

ROSETON___1 23587	30.78 1.13 0.00	28.74 0.97 0.00	27.94 0.92 0.00	27.82 0.97 0.00	27.55 0.93 0.00	27.45 0.90 0.00	28.72 1.03 0.00	27.89 1.10 0.00	29.55 1.19 0.00	32.69 1.35 0.00	35.35 1.52 0.00	39.43 1.84 0.00	39.36 1.70 0.00	39.47 1.81 0.00	39.32 1.66 0.00	38.74 1.67 0.00	39.80 1.89 0.00	42.41 2.44 0.00	40.58 2.30 0.00	39.44 1.88 0.00	38.22 1.79 0.00	35.13 1.64 0.00	31.98 1.44 0.00	30.62 1.15 0.00
ROSETON___2 23588	30.78 1.13 0.00	28.74 0.97 0.00	27.94 0.92 0.00	27.82 0.97 0.00	27.55 0.93 0.00	27.45 0.90 0.00	28.72 1.03 0.00	27.89 1.10 0.00	29.55 1.19 0.00	32.69 1.35 0.00	35.35 1.52 0.00	39.43 1.84 0.00	39.36 1.70 0.00	39.47 1.81 0.00	39.32 1.66 0.00	38.74 1.67 0.00	39.80 1.89 0.00	42.41 2.44 0.00	40.58 2.30 0.00	39.44 1.88 0.00	38.22 1.79 0.00	35.13 1.64 0.00	31.98 1.44 0.00	30.62 1.15 0.00
ROTTTRDAM_115KV_TB3 80664	30.52 0.86 0.00	28.61 0.83 0.00	27.84 0.81 0.00	27.66 0.81 0.00	27.41 0.80 0.00	27.32 0.77 0.00	28.52 0.83 0.00	27.57 0.78 0.00	29.21 0.85 0.00	32.31 0.97 0.00	34.94 1.12 0.00	38.87 1.28 0.00	38.95 1.28 0.00	38.94 1.28 0.00	38.95 1.28 0.00	38.33 1.26 0.00	39.30 1.40 0.00	41.65 1.68 0.00	39.85 1.57 0.00	38.88 1.31 0.00	37.64 1.20 0.00	34.63 1.14 0.00	31.52 0.98 0.00	30.36 0.88 0.00
RUSSELL___1 23602	28.20 -1.45 0.00	26.27 -1.50 0.00	25.48 -1.54 0.00	25.24 -1.61 0.00	25.07 -1.54 0.00	25.12 -1.43 0.00	26.20 -1.50 0.00	25.21 -1.58 0.00	26.94 -1.42 0.00	29.80 -1.54 0.00	31.66 -2.16 0.00	35.26 -2.33 0.00	35.10 -2.56 0.00	35.29 -2.37 0.00	35.33 -2.34 0.00	34.77 -2.30 0.00	35.89 -2.01 0.00	37.85 -2.12 0.00	36.29 -1.99 0.00	35.35 -2.22 0.00	34.11 -2.33 0.00	31.38 -2.11 0.00	28.75 -1.80 0.00	27.91 -1.56 0.00
RUSSELL___2 23532	28.20 -1.45 0.00	26.27 -1.50 0.00	25.48 -1.54 0.00	25.24 -1.61 0.00	25.07 -1.54 0.00	25.12 -1.43 0.00	26.20 -1.50 0.00	25.21 -1.58 0.00	26.94 -1.42 0.00	29.80 -1.54 0.00	31.66 -2.16 0.00	35.26 -2.33 0.00	35.10 -2.56 0.00	35.29 -2.37 0.00	35.33 -2.34 0.00	34.77 -2.30 0.00	35.89 -2.01 0.00	37.85 -2.12 0.00	36.29 -1.99 0.00	35.35 -2.22 0.00	34.11 -2.33 0.00	31.38 -2.11 0.00	28.75 -1.80 0.00	27.91 -1.56 0.00
RUSSELL___3 23549	28.20 -1.45 0.00	26.27 -1.50 0.00	25.48 -1.54 0.00	25.24 -1.61 0.00	25.07 -1.54 0.00	25.12 -1.43 0.00	26.20 -1.50 0.00	25.21 -1.58 0.00	26.94 -1.42 0.00	29.80 -1.54 0.00	31.66 -2.16 0.00	35.26 -2.33 0.00	35.10 -2.56 0.00	35.29 -2.37 0.00	35.33 -2.34 0.00	34.77 -2.30 0.00	35.89 -2.01 0.00	37.85 -2.12 0.00	36.29 -1.99 0.00	35.35 -2.22 0.00	34.11 -2.33 0.00	31.38 -2.11 0.00	28.75 -1.80 0.00	27.91 -1.56 0.00
RUSSELL___4 23556	28.20 -1.45 0.00	26.27 -1.50 0.00	25.48 -1.54 0.00	25.24 -1.61 0.00	25.07 -1.54 0.00	25.12 -1.43 0.00	26.20 -1.50 0.00	25.21 -1.58 0.00	26.94 -1.42 0.00	29.80 -1.54 0.00	31.66 -2.16 0.00	35.26 -2.33 0.00	35.10 -2.56 0.00	35.29 -2.37 0.00	35.33 -2.34 0.00	34.77 -2.30 0.00	35.89 -2.01 0.00	37.85 -2.12 0.00	36.29 -1.99 0.00	35.35 -2.22 0.00	34.11 -2.33 0.00	31.38 -2.11 0.00	28.75 -1.80 0.00	27.91 -1.56 0.00
RUSSELL___STATION 23914	28.20 -1.45 0.00	26.27 -1.50 0.00	25.48 -1.54 0.00	25.24 -1.61 0.00	25.07 -1.54 0.00	25.12 -1.43 0.00	26.20 -1.50 0.00	25.21 -1.58 0.00	26.94 -1.42 0.00	29.80 -1.54 0.00	31.66 -2.16 0.00	35.26 -2.33 0.00	35.10 -2.56 0.00	35.29 -2.37 0.00	35.33 -2.34 0.00	34.77 -2.30 0.00	35.89 -2.01 0.00	37.85 -2.12 0.00	36.29 -1.99 0.00	35.35 -2.22 0.00	34.11 -2.33 0.00	31.38 -2.11 0.00	28.75 -1.80 0.00	27.91 -1.56 0.00
S SALMON___HYD 24043	28.77 -0.89 0.00	26.91 -0.86 0.00	26.16 -0.87 0.00	26.00 -0.86 0.00	25.71 -0.90 0.00	25.68 -0.88 0.00	26.78 -0.91 0.00	25.91 -0.88 0.00	27.48 -0.88 0.00	30.37 -0.97 0.00	32.84 -0.98 0.00	36.65 -0.94 0.00	36.69 -0.98 0.00	36.68 -0.98 0.00	36.57 -1.09 0.00	36.03 -1.04 0.00	36.95 -0.95 0.00	39.13 -0.84 0.00	37.40 -0.88 0.00	36.51 -1.05 0.00	35.38 -1.06 0.00	32.51 -0.97 0.00	29.69 -0.86 0.00	28.65 -0.83 0.00
S.PERRY__115KV_TB1 80734	29.27 -0.39 0.00	27.16 -0.61 0.00	26.38 -0.65 0.00	26.08 -0.78 0.00	25.90 -0.72 0.00	25.99 -0.56 0.00	27.11 -0.58 0.00	26.09 -0.70 0.00	27.90 -0.45 0.00	30.84 -0.50 0.00	32.61 -1.22 0.00	36.28 -1.32 0.00	36.08 -1.58 0.00	36.23 -1.43 0.00	36.31 -1.36 0.00	35.88 -1.19 0.00	37.26 -0.64 0.00	39.37 -0.60 0.00	37.75 -0.54 0.00	36.62 -0.94 0.00	35.38 -1.06 0.00	32.48 -1.00 0.00	29.72 -0.82 0.00	28.82 -0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.28 -2.37 0.00	25.33 -2.44 0.00	24.62 -2.41 0.00	24.28 -2.58 0.00	24.17 -2.45 0.00	24.27 -2.28 0.00	25.26 -2.44 0.00	24.11 -2.68 0.00	25.89 -2.47 0.00	28.55 -2.79 0.00	29.97 -3.86 0.00	33.27 -4.32 0.00	33.15 -4.52 0.00	33.29 -4.37 0.00	33.33 -4.33 0.00	32.81 -4.26 0.00	34.00 -3.90 0.00	35.81 -4.16 0.00	34.42 -3.87 0.00	33.47 -4.09 0.00	32.28 -4.15 0.00	29.77 -3.72 0.00	27.43 -3.12 0.00	26.85 -2.62 0.00
SAWYER___23_KV_LOAD 55526	27.28 -2.37 0.00	25.33 -2.44 0.00	24.62 -2.41 0.00	24.28 -2.58 0.00	24.17 -2.45 0.00	24.27 -2.28 0.00	25.26 -2.44 0.00	24.11 -2.68 0.00	25.89 -2.47 0.00	28.55 -2.79 0.00	29.97 -3.86 0.00	33.27 -4.32 0.00	33.15 -4.52 0.00	33.29 -4.37 0.00	33.33 -4.33 0.00	32.81 -4.26 0.00	34.00 -3.90 0.00	35.81 -4.16 0.00	34.42 -3.87 0.00	33.47 -4.09 0.00	32.28 -4.15 0.00	29.77 -3.72 0.00	27.43 -3.12 0.00	26.85 -2.62 0.00
SELKIRK___I 23801	30.75 1.10 0.00	28.80 1.03 0.00	28.05 1.03 0.00	27.88 1.02 0.00	27.60 0.99 0.00	27.51 0.95 0.00	28.72 1.03 0.00	27.70 0.91 0.00	29.15 0.79 0.00	32.19 0.85 0.00	34.81 0.98 0.00	38.83 1.24 0.00	38.79 1.13 0.00	38.87 1.20 0.00	38.79 1.13 0.00	38.18 1.11 0.00	39.11 1.21 0.00	41.41 1.44 0.00	39.66 1.38 0.00	38.65 1.09 0.00	37.46 1.02 0.00	34.49 1.00 0.00	31.46 0.92 0.00	30.39 0.91 0.00
SELKIRK___II 23799	30.58 0.92 0.00	28.61 0.83 0.00	27.86 0.84 0.00	27.71 0.86 0.00	27.44 0.83 0.00	27.35 0.80 0.00	28.55 0.86 0.00	27.59 0.80 0.00	29.01 0.65 0.00	32.03 0.69 0.00	34.63 0.81 0.00	38.61 1.02 0.00	38.61 0.94 0.00	38.68 1.02 0.00	38.57 0.90 0.00	37.96 0.89 0.00	38.92 1.02 0.00	41.25 1.28 0.00	39.47 1.19 0.00	38.50 0.94 0.00	37.31 0.87 0.00	34.32 0.84 0.00	31.31 0.76 0.00	30.24 0.76 0.00
SENECA OSWGO___HYD 24041	28.71 -0.95 0.00	26.83 -0.94 0.00	26.11 -0.92 0.00	25.92 -0.94 0.00	25.71 -0.90 0.00	25.68 -0.88 0.00	26.78 -0.91 0.00	25.88 -0.91 0.00	27.45 -0.91 0.00	30.40 -0.94 0.00	32.74 -1.08 0.00	36.50 -1.09 0.00	36.46 -1.21 0.00	36.53 -1.13 0.00	36.50 -1.17 0.00	35.92 -1.15 0.00	36.84 -1.06 0.00	38.97 -1.00 0.00	37.29 -1.00 0.00	36.40 -1.16 0.00	35.31 -1.13 0.00	32.38 -1.10 0.00	29.57 -0.98 0.00	28.53 -0.94 0.00

SENECA___115KV_TB3 355854	27.76 -1.90 0.00	25.75 -2.03 0.00	25.03 -2.00 0.00	24.68 -2.18 0.00	24.56 -2.05 0.00	24.67 -1.89 0.00	25.67 -2.02 0.00	24.54 -2.25 0.00	26.34 -2.01 0.00	29.08 -2.26 0.00	30.54 -3.28 0.00	33.91 -3.68 0.00	33.79 -3.88 0.00	33.93 -3.73 0.00	34.01 -3.65 0.00	33.47 -3.60 0.00	34.64 -3.26 0.00	36.53 -3.44 0.00	35.07 -3.22 0.00	34.11 -3.46 0.00	32.90 -3.53 0.00	30.34 -3.15 0.00	27.95 -2.60 0.00	27.32 -2.15 0.00
SENECA___ENERGY 23797	28.89 -0.77 0.00	27.00 -0.78 0.00	26.24 -0.78 0.00	26.02 -0.83 0.00	25.82 -0.80 0.00	25.84 -0.72 0.00	26.97 -0.72 0.00	26.04 -0.75 0.00	27.71 -0.65 0.00	30.65 -0.69 0.00	32.88 -0.95 0.00	36.54 -1.05 0.00	36.46 -1.21 0.00	36.57 -1.09 0.00	36.57 -1.09 0.00	36.07 -1.00 0.00	37.07 -0.83 0.00	39.25 -0.72 0.00	37.55 -0.73 0.00	36.55 -1.01 0.00	35.49 -0.95 0.00	32.55 -0.94 0.00	29.72 -0.82 0.00	28.76 -0.71 0.00
SHOEMAKER___GT 23640	30.58 0.92 0.00	28.58 0.81 0.00	27.78 0.76 0.00	27.64 0.78 0.00	27.36 0.74 0.00	27.29 0.74 0.00	28.52 0.83 0.00	27.67 0.88 0.00	29.35 0.99 0.00	32.44 1.10 0.00	35.04 1.22 0.00	39.10 1.51 0.00	39.06 1.39 0.00	39.13 1.47 0.00	39.02 1.35 0.00	38.44 1.37 0.00	39.49 1.59 0.00	42.09 2.12 0.00	40.27 1.99 0.00	39.14 1.58 0.00	37.93 1.49 0.00	34.86 1.37 0.00	31.74 1.19 0.00	30.44 0.97 0.00
SHOEMAKR_138KV_BK 111 55601	30.55 0.89 0.00	28.55 0.78 0.00	27.75 0.73 0.00	27.63 0.78 0.00	27.36 0.75 0.00	27.29 0.74 0.00	28.52 0.83 0.00	27.68 0.88 0.00	29.35 0.99 0.00	32.47 1.13 0.00	35.04 1.22 0.00	38.91 1.32 0.00	39.06 1.39 0.00	39.02 1.36 0.00	39.02 1.36 0.00	38.44 1.37 0.00	39.49 1.59 0.00	42.09 2.12 0.00	40.27 1.99 0.00	39.14 1.58 0.00	37.93 1.49 0.00	34.86 1.37 0.00	31.74 1.19 0.00	30.50 1.03 0.00
SHOREHAM_IC_1 23715	35.78 2.04 -4.08	34.70 2.03 -4.90	32.59 1.86 -3.71	30.49 1.93 -1.70	29.63 1.92 -1.10	31.16 1.91 -2.70	29.81 2.10 -0.01	34.55 2.14 -5.61	40.87 2.38 -10.13	45.57 2.73 -11.51	52.28 3.08 -15.38	54.84 3.50 -13.75	55.75 3.20 -14.89	53.62 3.46 -12.49	53.62 3.32 -12.64	53.30 3.26 -12.97	55.25 3.87 -13.48	63.76 4.28 -19.51	60.87 4.17 -18.41	55.57 3.64 -14.36	53.89 3.53 -13.92	49.48 2.88 -13.11	47.35 2.69 -14.12	45.59 2.44 -13.67
SHOREHAM_IC_2 23716	35.78 2.04 -4.08	34.70 2.03 -4.90	32.59 1.86 -3.71	30.49 1.93 -1.70	29.63 1.92 -1.10	31.16 1.91 -2.70	29.81 2.10 -0.01	34.55 2.14 -5.61	40.87 2.38 -10.13	45.57 2.73 -11.51	52.28 3.08 -15.38	54.84 3.50 -13.75	55.75 3.20 -14.89	53.62 3.46 -12.49	53.62 3.32 -12.64	53.30 3.26 -12.97	55.25 3.87 -13.48	63.76 4.28 -19.51	60.87 4.17 -18.41	55.57 3.64 -14.36	53.89 3.53 -13.92	49.48 2.88 -13.11	47.35 2.69 -14.12	45.59 2.44 -13.67
SISSONVILLE____ 23735	29.95 0.30 0.00	28.02 0.25 0.00	27.27 0.24 0.00	27.10 0.24 0.00	26.83 0.21 0.00	26.74 0.19 0.00	27.61 -0.08 0.00	26.74 -0.05 0.00	28.24 -0.11 0.00	30.93 -0.41 0.00	33.59 -0.24 0.00	37.25 -0.34 0.00	37.18 -0.49 0.00	37.17 -0.49 0.00	37.18 -0.49 0.00	36.51 -0.56 0.00	37.11 -0.80 0.00	38.85 -1.12 0.00	37.25 -1.03 0.00	36.92 -0.64 0.00	35.86 -0.58 0.00	33.22 -0.27 0.00	30.49 -0.06 0.00	29.74 0.27 0.00
SITHE_IND_GS1 24169	28.38 -1.27 0.00	26.55 -1.22 0.00	25.84 -1.19 0.00	25.67 -1.18 0.00	25.44 -1.17 0.00	25.41 -1.14 0.00	26.50 -1.19 0.00	25.64 -1.15 0.00	27.17 -1.19 0.00	30.03 -1.32 0.00	32.34 -1.49 0.00	35.98 -1.62 0.00	36.01 -1.66 0.00	36.04 -1.62 0.00	36.01 -1.66 0.00	35.44 -1.63 0.00	36.35 -1.56 0.00	38.41 -1.56 0.00	36.75 -1.53 0.00	35.95 -1.61 0.00	34.84 -1.60 0.00	32.01 -1.47 0.00	29.23 -1.31 0.00	28.23 -1.24 0.00
SITHE_IND_GS2 24170	28.38 -1.27 0.00	26.55 -1.22 0.00	25.84 -1.19 0.00	25.67 -1.18 0.00	25.44 -1.17 0.00	25.41 -1.14 0.00	26.50 -1.19 0.00	25.64 -1.15 0.00	27.17 -1.19 0.00	30.03 -1.32 0.00	32.34 -1.49 0.00	35.98 -1.62 0.00	36.01 -1.66 0.00	36.04 -1.62 0.00	36.01 -1.66 0.00	35.44 -1.63 0.00	36.35 -1.56 0.00	38.41 -1.56 0.00	36.75 -1.53 0.00	35.95 -1.61 0.00	34.84 -1.60 0.00	32.01 -1.47 0.00	29.23 -1.31 0.00	28.23 -1.24 0.00
SITHE_IND_GS3 24171	28.38 -1.27 0.00	26.55 -1.22 0.00	25.84 -1.19 0.00	25.67 -1.18 0.00	25.44 -1.17 0.00	25.41 -1.14 0.00	26.50 -1.19 0.00	25.64 -1.15 0.00	27.17 -1.19 0.00	30.03 -1.32 0.00	32.34 -1.49 0.00	35.98 -1.62 0.00	36.01 -1.66 0.00	36.04 -1.62 0.00	36.01 -1.66 0.00	35.44 -1.63 0.00	36.35 -1.56 0.00	38.41 -1.56 0.00	36.75 -1.53 0.00	35.95 -1.61 0.00	34.84 -1.60 0.00	32.01 -1.47 0.00	29.23 -1.31 0.00	28.23 -1.24 0.00
SITHE_IND_GS4 24172	28.38 -1.27 0.00	26.55 -1.22 0.00	25.84 -1.19 0.00	25.67 -1.18 0.00	25.44 -1.17 0.00	25.41 -1.14 0.00	26.50 -1.19 0.00	25.64 -1.15 0.00	27.17 -1.19 0.00	30.03 -1.32 0.00	32.34 -1.49 0.00	35.98 -1.62 0.00	36.01 -1.66 0.00	36.04 -1.62 0.00	36.01 -1.66 0.00	35.44 -1.63 0.00	36.35 -1.56 0.00	38.41 -1.56 0.00	36.75 -1.53 0.00	35.95 -1.61 0.00	34.84 -1.60 0.00	32.01 -1.47 0.00	29.23 -1.31 0.00	28.23 -1.24 0.00
SITHE___BATAVIA 24024	27.76 -1.90 0.00	25.94 -1.83 0.00	25.16 -1.86 0.00	24.87 -1.99 0.00	24.73 -1.89 0.00	24.83 -1.73 0.00	25.81 -1.88 0.00	24.75 -2.04 0.00	26.54 -1.82 0.00	29.37 -1.97 0.00	30.88 -2.94 0.00	34.36 -3.23 0.00	34.12 -3.54 0.00	34.35 -3.31 0.00	34.46 -3.20 0.00	33.88 -3.19 0.00	35.14 -2.77 0.00	37.01 -2.96 0.00	35.57 -2.72 0.00	34.56 -3.01 0.00	33.34 -3.10 0.00	30.67 -2.81 0.00	28.20 -2.35 0.00	27.70 -1.77 0.00
SITHE___INDEPEND 23800	28.41 -1.25 0.00	26.55 -1.22 0.00	25.84 -1.19 0.00	25.67 -1.18 0.00	25.44 -1.17 0.00	25.41 -1.14 0.00	26.50 -1.19 0.00	25.64 -1.15 0.00	27.17 -1.19 0.00	30.02 -1.32 0.00	32.34 -1.49 0.00	35.98 -1.62 0.00	36.01 -1.66 0.00	36.01 -1.66 0.00	36.01 -1.66 0.00	35.48 -1.59 0.00	36.35 -1.55 0.00	38.41 -1.56 0.00	36.75 -1.53 0.00	35.95 -1.62 0.00	34.84 -1.60 0.00	32.01 -1.47 0.00	29.23 -1.31 0.00	28.17 -1.30 0.00
SITHE___MASSENA 23902	29.95 0.30 0.00	28.22 0.44 0.00	27.46 0.43 0.00	27.28 0.43 0.00	27.01 0.40 0.00	26.97 0.42 0.00	28.00 0.31 0.00	27.11 0.32 0.00	28.64 0.28 0.00	31.50 0.16 0.00	34.09 0.27 0.00	37.67 0.08 0.00	37.85 0.19 0.00	37.74 0.08 0.00	37.89 0.23 0.00	37.26 0.19 0.00	37.83 -0.08 0.00	39.57 -0.40 0.00	37.97 -0.31 0.00	37.64 0.08 0.00	36.58 0.15 0.00	33.66 0.17 0.00	30.70 0.15 0.00	29.88 0.41 0.00
SITHE___OGDNSBRG 24021	30.43 0.77 0.00	28.47 0.69 0.00	27.70 0.68 0.00	27.53 0.67 0.00	27.25 0.64 0.00	27.19 0.64 0.00	28.19 0.50 0.00	27.35 0.56 0.00	28.90 0.54 0.00	31.72 0.38 0.00	34.43 0.61 0.00	38.23 0.64 0.00	38.19 0.53 0.00	38.23 0.56 0.00	38.15 0.49 0.00	37.55 0.48 0.00	38.13 0.23 0.00	39.93 -0.04 0.00	38.24 -0.04 0.00	37.94 0.38 0.00	36.88 0.44 0.00	33.99 0.50 0.00	31.10 0.55 0.00	30.24 0.77 0.00

SITHE___STERLING 23777	30.25 0.59 0.00	28.30 0.53 0.00	27.54 0.51 0.00	27.36 0.51 0.00	27.09 0.48 0.00	27.11 0.56 0.00	28.33 0.64 0.00	27.43 0.64 0.00	29.07 0.71 0.00	32.12 0.78 0.00	34.77 0.95 0.00	38.72 1.13 0.00	38.79 1.13 0.00	38.87 1.20 0.00	38.76 1.09 0.00	38.18 1.11 0.00	39.11 1.21 0.00	41.41 1.44 0.00	39.47 1.19 0.00	38.54 0.98 0.00	37.35 0.91 0.00	34.29 0.80 0.00	31.28 0.73 0.00	30.15 0.68 0.00
SLEIGHT__34_KV_TB1 80719	28.38 -1.28 0.00	26.47 -1.31 0.00	25.70 -1.32 0.00	25.49 -1.37 0.00	25.28 -1.33 0.00	25.33 -1.22 0.00	26.42 -1.27 0.00	25.51 -1.29 0.00	27.17 -1.19 0.00	30.09 -1.25 0.00	32.17 -1.66 0.00	35.83 -1.77 0.00	35.74 -1.92 0.00	35.85 -1.81 0.00	35.90 -1.77 0.00	35.33 -1.74 0.00	36.38 -1.52 0.00	38.41 -1.56 0.00	36.75 -1.53 0.00	35.80 -1.77 0.00	34.65 -1.79 0.00	31.81 -1.67 0.00	29.08 -1.47 0.00	28.15 -1.33 0.00
SOUTH CAIRO___GT 23612	31.64 1.99 0.00	29.61 1.83 0.00	28.81 1.78 0.00	28.60 1.74 0.00	28.26 1.65 0.00	28.22 1.67 0.00	29.47 1.77 0.00	28.26 1.47 0.00	29.75 1.39 0.00	32.81 1.47 0.00	35.55 1.72 0.00	39.70 2.10 0.00	39.66 1.99 0.00	39.77 2.11 0.00	39.59 1.92 0.00	39.00 1.93 0.00	40.10 2.20 0.00	42.61 2.64 0.00	40.81 2.53 0.00	39.59 2.03 0.00	38.30 1.86 0.00	35.33 1.84 0.00	32.17 1.62 0.00	31.15 1.68 0.00
SOUTH HAMPTN___IC 23720	36.17 2.43 -4.08	35.06 2.39 -4.90	32.95 2.22 -3.71	30.81 2.26 -1.70	29.95 2.24 -1.10	31.48 2.23 -2.70	30.11 2.41 -0.01	34.90 2.49 -5.61	41.24 2.75 -10.13	45.98 3.13 -11.51	52.72 3.52 -15.38	55.40 4.06 -13.75	56.35 3.80 -14.89	54.14 3.99 -12.49	54.15 3.84 -12.64	53.78 3.74 -12.97	55.82 4.43 -13.48	64.40 4.91 -19.51	61.44 4.75 -18.41	56.13 4.21 -14.36	54.40 4.04 -13.92	49.95 3.35 -13.11	47.72 3.05 -14.12	45.91 2.77 -13.67
SOUTHDOW_115KV_TB1 355954	28.86 -0.80 0.00	26.72 -1.06 0.00	25.97 -1.05 0.00	25.62 -1.24 0.00	25.47 -1.14 0.00	25.57 -0.98 0.00	26.61 -1.08 0.00	25.56 -1.23 0.00	27.42 -0.94 0.00	30.24 -1.10 0.00	31.86 -1.96 0.00	35.30 -2.29 0.00	35.18 -2.49 0.00	35.29 -2.37 0.00	35.37 -2.30 0.00	34.85 -2.22 0.00	36.04 -1.86 0.00	38.09 -1.88 0.00	36.48 -1.80 0.00	35.46 -2.10 0.00	34.22 -2.22 0.00	31.54 -1.94 0.00	29.05 -1.50 0.00	28.32 -1.15 0.00
SOUTHOLD_69_KV_BK 2 55809	36.64 2.91 -4.08	35.51 2.83 -4.90	33.38 2.65 -3.71	31.24 2.69 -1.70	30.37 2.66 -1.10	31.90 2.66 -2.70	30.55 2.85 0.00	35.35 2.95 -5.61	41.75 3.26 -10.13	46.52 3.67 -11.51	53.33 4.13 -15.38	55.89 4.55 -13.75	57.07 4.52 -14.89	54.64 4.48 -12.49	54.86 4.56 -12.64	54.49 4.45 -12.97	56.50 5.12 -13.48	65.24 5.76 -19.51	62.25 5.55 -18.41	56.92 5.00 -14.36	55.10 4.74 -13.92	50.55 3.95 -13.11	48.21 3.54 -14.12	46.47 3.33 -13.67
SOUTHOLD___IC 23719	36.68 2.94 -4.08	35.51 2.83 -4.90	33.38 2.65 -3.71	31.24 2.69 -1.70	30.37 2.66 -1.10	31.90 2.65 -2.70	30.56 2.85 -0.01	35.35 2.95 -5.61	41.75 3.26 -10.13	46.51 3.67 -11.51	53.33 4.13 -15.38	56.15 4.81 -13.75	57.07 4.52 -14.89	54.82 4.67 -12.49	54.86 4.56 -12.64	54.49 4.45 -12.97	56.58 5.19 -13.48	65.24 5.76 -19.51	62.25 5.55 -18.41	56.92 5.00 -14.36	55.06 4.70 -13.92	50.55 3.95 -13.11	48.21 3.54 -14.12	46.38 3.24 -13.67
SOUTH_FORK_WT_PWR 323839	36.70 2.97 -4.08	35.56 2.89 -4.90	33.41 2.68 -3.71	31.29 2.74 -1.70	30.40 2.69 -1.10	31.96 2.71 -2.70	30.61 2.91 -0.01	35.38 2.97 -5.61	41.78 3.29 -10.13	46.58 3.73 -11.51	53.36 4.16 -15.38	56.22 4.88 -13.75	57.14 4.59 -14.89	54.90 4.75 -12.49	54.90 4.59 -12.64	54.52 4.48 -12.97	56.62 5.23 -13.48	65.28 5.79 -19.51	62.29 5.59 -18.41	56.96 5.04 -14.36	55.13 4.77 -13.92	50.58 3.98 -13.11	48.27 3.60 -14.12	46.44 3.30 -13.67
SPIERFLS_115KV_TB 1 80737	31.17 1.51 0.00	29.19 1.42 0.00	28.40 1.38 0.00	28.23 1.37 0.00	27.92 1.30 0.00	27.85 1.30 0.00	29.11 1.41 0.00	28.16 1.37 0.00	29.86 1.50 0.00	33.16 1.82 0.00	35.96 2.13 0.00	40.15 2.56 0.00	40.15 2.49 0.00	40.15 2.49 0.00	40.04 2.37 0.00	39.41 2.34 0.00	40.44 2.54 0.00	42.89 2.92 0.00	41.04 2.76 0.00	39.89 2.33 0.00	38.59 2.15 0.00	35.43 1.94 0.00	32.17 1.62 0.00	30.97 1.50 0.00
ST LAWRENCE___ 23600	29.69 0.03 0.00	27.88 0.11 0.00	27.13 0.11 0.00	26.96 0.11 0.00	26.72 0.11 0.00	26.66 0.11 0.00	27.72 0.03 0.00	26.82 0.03 0.00	28.36 0.00 0.00	31.28 -0.06 0.00	33.82 0.00 0.00	37.37 -0.22 0.00	37.59 -0.08 0.00	37.47 -0.19 0.00	37.59 -0.08 0.00	37.00 -0.07 0.00	37.56 -0.34 0.00	39.29 -0.68 0.00	37.71 -0.57 0.00	37.38 -0.19 0.00	36.33 -0.11 0.00	33.39 -0.10 0.00	30.46 -0.09 0.00	29.53 0.06 0.00
STATE_CA_115KV_115_LB 55624	30.55 0.89 0.00	28.80 1.03 0.00	28.05 1.03 0.00	27.88 1.02 0.00	27.60 0.98 0.00	27.51 0.96 0.00	28.72 1.02 0.00	27.76 0.96 0.00	29.09 0.74 0.00	32.09 0.75 0.00	34.70 0.88 0.00	38.61 1.01 0.00	38.72 1.05 0.00	38.68 1.02 0.00	38.68 1.02 0.00	38.07 1.00 0.00	39.04 1.14 0.00	41.37 1.40 0.00	39.58 1.30 0.00	38.54 0.98 0.00	37.35 0.91 0.00	34.39 0.90 0.00	31.37 0.82 0.00	30.39 0.91 0.00
STATE_ST_34_KV_LOAD 55959	29.27 -0.39 0.00	27.36 -0.42 0.00	26.59 -0.43 0.00	26.37 -0.48 0.00	26.16 -0.45 0.00	26.18 -0.37 0.00	27.33 -0.36 0.00	26.42 -0.38 0.00	28.07 -0.28 0.00	31.09 -0.25 0.00	33.42 -0.41 0.00	37.22 -0.38 0.00	37.18 -0.49 0.00	37.25 -0.41 0.00	37.25 -0.41 0.00	36.70 -0.37 0.00	37.71 -0.19 0.00	39.89 -0.08 0.00	38.17 -0.11 0.00	37.19 -0.38 0.00	36.04 -0.40 0.00	33.05 -0.44 0.00	30.15 -0.40 0.00	29.06 -0.41 0.00
STATION 5_MISC_HYD 23604	28.00 -1.66 0.00	26.16 -1.61 0.00	25.40 -1.62 0.00	25.14 -1.72 0.00	24.96 -1.65 0.00	25.04 -1.51 0.00	26.09 -1.61 0.00	25.10 -1.69 0.00	26.82 -1.53 0.00	29.68 -1.66 0.00	31.49 -2.33 0.00	35.07 -2.52 0.00	34.92 -2.75 0.00	35.10 -2.56 0.00	35.14 -2.52 0.00	34.59 -2.48 0.00	35.66 -2.24 0.00	37.61 -2.36 0.00	36.06 -2.22 0.00	35.16 -2.40 0.00	33.96 -2.48 0.00	31.21 -2.28 0.00	28.62 -1.92 0.00	27.94 -1.53 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.74 -0.92 0.00	26.77 -1.00 0.00	26.00 -1.03 0.00	25.78 -1.07 0.00	25.58 -1.04 0.00	25.62 -0.93 0.00	26.72 -0.97 0.00	25.80 -0.99 0.00	27.51 -0.85 0.00	30.46 -0.88 0.00	32.51 -1.32 0.00	36.20 -1.39 0.00	36.05 -1.62 0.00	36.19 -1.47 0.00	36.23 -1.43 0.00	35.66 -1.41 0.00	36.73 -1.17 0.00	38.77 -1.20 0.00	37.17 -1.11 0.00	36.17 -1.39 0.00	34.98 -1.46 0.00	32.15 -1.34 0.00	29.39 -1.16 0.00	28.44 -1.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.03 -1.63 0.00	26.11 -1.67 0.00	25.35 -1.68 0.00	25.11 -1.75 0.00	24.91 -1.70 0.00	24.96 -1.59 0.00	26.03 -1.66 0.00	25.08 -1.71 0.00	26.77 -1.59 0.00	29.62 -1.72 0.00	31.49 -2.33 0.00	35.07 -2.52 0.00	34.95 -2.71 0.00	35.10 -2.56 0.00	35.14 -2.52 0.00	34.59 -2.48 0.00	35.66 -2.24 0.00	37.61 -2.36 0.00	36.06 -2.22 0.00	35.12 -2.44 0.00	33.92 -2.51 0.00	31.21 -2.28 0.00	28.56 -1.99 0.00	27.73 -1.74 0.00

STA_56___34_KV_BUS2 355983	28.03 -1.63 0.00	26.11 -1.67 0.00	25.35 -1.68 0.00	25.11 -1.75 0.00	24.91 -1.70 0.00	24.96 -1.59 0.00	26.03 -1.66 0.00	25.08 -1.71 0.00	26.77 -1.59 0.00	29.62 -1.72 0.00	31.49 -2.33 0.00	35.07 -2.52 0.00	34.95 -2.71 0.00	35.10 -2.56 0.00	35.14 -2.52 0.00	34.59 -2.48 0.00	35.66 -2.24 0.00	37.61 -2.36 0.00	36.06 -2.22 0.00	35.12 -2.44 0.00	33.92 -2.51 0.00	31.21 -2.28 0.00	28.56 -1.99 0.00	27.73 -1.74 0.00
STA_67___115KV_BK2 355882	28.06 -1.60 0.00	26.11 -1.67 0.00	25.35 -1.68 0.00	25.11 -1.75 0.00	24.94 -1.68 0.00	24.98 -1.57 0.00	26.06 -1.63 0.00	25.08 -1.71 0.00	26.77 -1.59 0.00	29.62 -1.72 0.00	31.42 -2.40 0.00	35.00 -2.59 0.00	34.84 -2.82 0.00	35.03 -2.64 0.00	35.07 -2.60 0.00	34.48 -2.59 0.00	35.59 -2.31 0.00	37.53 -2.44 0.00	35.99 -2.30 0.00	35.08 -2.48 0.00	33.85 -2.59 0.00	31.14 -2.34 0.00	28.56 -1.99 0.00	27.73 -1.74 0.00
STA_7___115KV_9TRANS 80674	28.20 -1.45 0.00	26.27 -1.50 0.00	25.48 -1.54 0.00	25.24 -1.61 0.00	25.07 -1.54 0.00	25.12 -1.43 0.00	26.20 -1.50 0.00	25.21 -1.58 0.00	26.94 -1.42 0.00	29.80 -1.54 0.00	31.66 -2.16 0.00	35.26 -2.33 0.00	35.10 -2.56 0.00	35.29 -2.37 0.00	35.33 -2.34 0.00	34.77 -2.30 0.00	35.89 -2.01 0.00	37.85 -2.12 0.00	36.29 -1.99 0.00	35.35 -2.22 0.00	34.11 -2.33 0.00	31.38 -2.11 0.00	28.75 -1.80 0.00	27.91 -1.56 0.00
STA_82___115KV_TB1 80780	28.06 -1.60 0.00	26.13 -1.64 0.00	25.38 -1.65 0.00	25.11 -1.75 0.00	24.94 -1.68 0.00	25.01 -1.54 0.00	26.06 -1.63 0.00	25.08 -1.71 0.00	26.77 -1.59 0.00	29.62 -1.72 0.00	31.46 -2.37 0.00	35.00 -2.59 0.00	34.88 -2.79 0.00	35.03 -2.64 0.00	35.07 -2.60 0.00	34.51 -2.56 0.00	35.63 -2.27 0.00	37.57 -2.40 0.00	36.02 -2.26 0.00	35.08 -2.48 0.00	33.89 -2.55 0.00	31.18 -2.31 0.00	28.56 -1.99 0.00	27.73 -1.74 0.00
STEEL___WIND 323596	27.55 -2.10 0.00	25.75 -2.03 0.00	25.00 -2.03 0.00	24.68 -2.17 0.00	24.54 -2.08 0.00	24.64 -1.91 0.00	25.64 -2.05 0.00	24.54 -2.25 0.00	26.31 -2.04 0.00	29.05 -2.29 0.00	30.51 -3.31 0.00	33.87 -3.72 0.00	33.75 -3.92 0.00	33.90 -3.77 0.00	33.98 -3.69 0.00	33.44 -3.63 0.00	34.60 -3.30 0.00	36.49 -3.48 0.00	35.03 -3.25 0.00	34.07 -3.49 0.00	32.90 -3.53 0.00	30.30 -3.18 0.00	27.95 -2.60 0.00	27.50 -1.97 0.00
STEPHTWN_115KV_BK_2 55603	30.81 1.16 0.00	29.05 1.28 0.00	28.27 1.24 0.00	28.12 1.26 0.00	27.84 1.22 0.00	27.77 1.22 0.00	29.00 1.30 0.00	28.00 1.21 0.00	29.38 1.02 0.00	32.41 1.07 0.00	35.04 1.22 0.00	39.02 1.43 0.00	39.06 1.39 0.00	39.06 1.39 0.00	39.06 1.39 0.00	38.44 1.37 0.00	39.42 1.52 0.00	41.77 1.80 0.00	39.97 1.68 0.00	38.95 1.39 0.00	37.71 1.28 0.00	34.73 1.24 0.00	31.68 1.13 0.00	30.65 1.18 0.00
STEBUBEN_REC_LFGE 323667	29.45 -0.21 0.00	27.33 -0.44 0.00	26.57 -0.46 0.00	26.24 -0.62 0.00	26.06 -0.56 0.00	26.13 -0.42 0.00	27.22 -0.47 0.00	26.09 -0.70 0.00	27.90 -0.45 0.00	30.84 -0.50 0.00	32.74 -1.08 0.00	36.43 -1.17 0.00	36.31 -1.36 0.00	36.46 -1.21 0.00	36.46 -1.21 0.00	35.96 -1.11 0.00	37.11 -0.80 0.00	39.29 -0.68 0.00	37.59 -0.69 0.00	36.47 -1.09 0.00	35.31 -1.13 0.00	32.38 -1.11 0.00	29.66 -0.89 0.00	28.76 -0.71 0.00
STILLWATER___SOLAR 323814	31.14 1.48 0.00	29.11 1.33 0.00	28.35 1.32 0.00	28.17 1.32 0.00	27.89 1.28 0.00	27.80 1.25 0.00	29.02 1.33 0.00	28.08 1.29 0.00	29.75 1.39 0.00	32.94 1.60 0.00	35.68 1.86 0.00	39.89 2.29 0.00	39.81 2.15 0.00	39.88 2.22 0.00	39.74 2.07 0.00	39.11 2.04 0.00	40.14 2.24 0.00	42.53 2.56 0.00	40.70 2.41 0.00	39.63 2.06 0.00	38.37 1.93 0.00	35.26 1.77 0.00	32.07 1.53 0.00	30.89 1.41 0.00
STONY___BROOK 24151	35.93 2.19 -4.08	34.70 2.03 -4.90	32.62 1.89 -3.71	30.49 1.93 -1.70	29.63 1.92 -1.10	31.16 1.91 -2.70	29.78 2.08 -0.01	34.57 2.17 -5.61	40.87 2.38 -10.13	45.57 2.73 -11.51	52.21 3.01 -15.38	54.84 3.50 -13.75	55.83 3.28 -14.89	53.58 3.43 -12.49	53.62 3.32 -12.64	53.34 3.30 -12.97	55.17 3.79 -13.48	63.92 4.44 -19.51	60.94 4.25 -18.41	55.65 3.72 -14.36	53.82 3.46 -13.92	49.64 3.05 -13.11	47.38 2.72 -14.12	45.50 2.36 -13.67
STURGEON_POOL_HYD 23609	30.69 1.04 0.00	28.63 0.86 0.00	27.84 0.81 0.00	27.72 0.86 0.00	27.44 0.83 0.00	27.35 0.80 0.00	28.61 0.91 0.00	27.73 0.94 0.00	29.49 1.13 0.00	32.66 1.32 0.00	35.31 1.49 0.00	39.17 1.58 0.00	39.36 1.69 0.00	39.28 1.62 0.00	39.32 1.66 0.00	38.74 1.67 0.00	39.83 1.93 0.00	42.53 2.56 0.00	40.69 2.41 0.00	39.52 1.95 0.00	38.30 1.86 0.00	35.19 1.71 0.00	31.98 1.44 0.00	30.68 1.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.64 0.98 0.00	28.63 0.86 0.00	27.84 0.81 0.00	27.69 0.83 0.00	27.44 0.83 0.00	27.37 0.82 0.00	28.61 0.91 0.00	27.78 0.99 0.00	29.49 1.13 0.00	32.63 1.28 0.00	35.25 1.42 0.00	39.10 1.50 0.00	39.25 1.58 0.00	39.21 1.54 0.00	39.21 1.54 0.00	38.63 1.56 0.00	39.68 1.78 0.00	42.33 2.36 0.00	40.50 2.22 0.00	39.37 1.80 0.00	38.11 1.68 0.00	35.03 1.54 0.00	31.89 1.34 0.00	30.59 1.12 0.00
SWANROAD_115KV_TB1 355699	26.72 -2.94 0.00	24.69 -3.08 0.00	23.97 -3.05 0.00	23.66 -3.20 0.00	23.66 -2.95 0.00	23.76 -2.79 0.00	24.62 -3.07 0.00	23.47 -3.32 0.00	25.21 -3.15 0.00	27.80 -3.54 0.00	29.12 -4.70 0.00	32.33 -5.26 0.00	32.17 -5.50 0.00	32.35 -5.31 0.00	32.39 -5.27 0.00	31.88 -5.19 0.00	33.05 -4.85 0.00	34.81 -5.16 0.00	33.46 -4.82 0.00	32.57 -5.00 0.00	31.37 -5.06 0.00	28.93 -4.55 0.00	26.70 -3.85 0.00	26.17 -3.30 0.00
SYNERGY___BIOGAS 323694	27.76 -1.90 0.00	25.94 -1.83 0.00	25.16 -1.86 0.00	24.87 -1.99 0.00	24.73 -1.89 0.00	24.83 -1.73 0.00	25.81 -1.88 0.00	24.75 -2.04 0.00	26.54 -1.82 0.00	29.37 -1.97 0.00	30.88 -2.94 0.00	34.36 -3.23 0.00	34.12 -3.54 0.00	34.35 -3.31 0.00	34.46 -3.20 0.00	33.88 -3.19 0.00	35.14 -2.77 0.00	37.01 -2.96 0.00	35.57 -2.72 0.00	34.56 -3.01 0.00	33.34 -3.10 0.00	30.67 -2.81 0.00	28.20 -2.35 0.00	27.70 -1.77 0.00
SYRACUSE___ENERGY_ST1 323597	29.15 -0.50 0.00	27.25 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.87 -0.47 0.00	33.22 -0.61 0.00	36.99 -0.60 0.00	36.99 -0.68 0.00	37.06 -0.60 0.00	37.02 -0.64 0.00	36.48 -0.59 0.00	37.41 -0.49 0.00	39.57 -0.40 0.00	37.82 -0.46 0.00	36.92 -0.64 0.00	35.82 -0.62 0.00	32.88 -0.60 0.00	30.00 -0.55 0.00	28.91 -0.56 0.00
SYRACUSE___ENERGY_ST2 323598	29.15 -0.50 0.00	27.25 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.87 -0.47 0.00	33.22 -0.61 0.00	36.99 -0.60 0.00	36.99 -0.68 0.00	37.06 -0.60 0.00	37.02 -0.64 0.00	36.48 -0.59 0.00	37.41 -0.49 0.00	39.57 -0.40 0.00	37.82 -0.46 0.00	36.92 -0.64 0.00	35.82 -0.62 0.00	32.88 -0.60 0.00	30.00 -0.55 0.00	28.91 -0.56 0.00

SYRACUSE___POWER 24017	29.15 -0.50 0.00	27.25 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.84 -0.50 0.00	33.18 -0.64 0.00	36.92 -0.68 0.00	36.95 -0.72 0.00	36.98 -0.68 0.00	36.99 -0.68 0.00	36.40 -0.67 0.00	37.37 -0.53 0.00	39.53 -0.44 0.00	37.82 -0.46 0.00	36.89 -0.68 0.00	35.78 -0.66 0.00	32.85 -0.64 0.00	30.00 -0.55 0.00	28.88 -0.59 0.00
TALLMAN___138KV_BK151 55660	30.72 1.07 0.00	28.72 0.94 0.00	27.89 0.86 0.00	27.77 0.91 0.00	27.49 0.88 0.00	27.43 0.88 0.00	28.69 1.00 0.00	27.92 1.13 0.00	29.63 1.28 0.00	32.78 1.44 0.00	35.41 1.59 0.00	39.28 1.69 0.00	39.44 1.77 0.00	39.36 1.69 0.00	39.40 1.73 0.00	38.81 1.74 0.00	39.91 2.01 0.00	42.61 2.64 0.00	40.77 2.49 0.00	39.59 2.03 0.00	38.33 1.89 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.74 1.27 0.00
TEALLAVE_115KV_TB7 355573	28.97 -0.68 0.00	27.08 -0.69 0.00	26.35 -0.68 0.00	26.16 -0.70 0.00	25.95 -0.67 0.00	25.91 -0.64 0.00	27.06 -0.64 0.00	26.15 -0.64 0.00	27.73 -0.62 0.00	30.65 -0.69 0.00	32.95 -0.88 0.00	36.65 -0.94 0.00	36.69 -0.98 0.00	36.72 -0.94 0.00	36.72 -0.94 0.00	36.14 -0.93 0.00	37.11 -0.80 0.00	39.25 -0.72 0.00	37.52 -0.77 0.00	36.62 -0.94 0.00	35.49 -0.95 0.00	32.62 -0.87 0.00	29.81 -0.73 0.00	28.71 -0.77 0.00
TELGRAPH_34_KV_EAST 80808	27.46 -2.19 0.00	25.44 -2.33 0.00	24.70 -2.32 0.00	24.39 -2.47 0.00	24.33 -2.29 0.00	24.43 -2.12 0.00	25.37 -2.33 0.00	24.27 -2.52 0.00	26.03 -2.33 0.00	28.77 -2.57 0.00	30.21 -3.62 0.00	33.57 -4.02 0.00	33.41 -4.26 0.00	33.59 -4.07 0.00	33.67 -3.99 0.00	33.10 -3.97 0.00	34.34 -3.56 0.00	36.13 -3.84 0.00	34.72 -3.56 0.00	33.77 -3.79 0.00	32.54 -3.90 0.00	29.97 -3.52 0.00	27.61 -2.93 0.00	27.00 -2.48 0.00
TEMPLE___115KV_TB 2 55572	29.00 -0.65 0.00	27.11 -0.67 0.00	26.38 -0.65 0.00	26.18 -0.67 0.00	25.95 -0.67 0.00	25.94 -0.61 0.00	27.06 -0.64 0.00	26.15 -0.64 0.00	27.76 -0.60 0.00	30.68 -0.66 0.00	32.98 -0.85 0.00	36.69 -0.90 0.00	36.72 -0.94 0.00	36.76 -0.90 0.00	36.76 -0.90 0.00	36.18 -0.89 0.00	37.14 -0.76 0.00	39.25 -0.72 0.00	37.55 -0.73 0.00	36.66 -0.90 0.00	35.53 -0.91 0.00	32.62 -0.87 0.00	29.81 -0.73 0.00	28.73 -0.74 0.00
TIANA___69_KV_BK 1 55817	36.05 2.31 -4.08	34.95 2.28 -4.90	32.84 2.11 -3.71	30.73 2.18 -1.70	29.84 2.13 -1.10	31.37 2.12 -2.70	30.02 2.33 0.00	34.79 2.38 -5.61	41.13 2.64 -10.13	45.86 3.01 -11.51	52.59 3.38 -15.38	54.99 3.65 -13.75	56.20 3.65 -14.89	53.81 3.65 -12.49	54.00 3.69 -12.64	53.67 3.63 -12.97	55.59 4.21 -13.48	64.24 4.76 -19.51	61.29 4.59 -18.41	56.02 4.09 -14.36	54.26 3.90 -13.92	49.85 3.25 -13.11	47.63 2.96 -14.12	45.91 2.77 -13.67
TILDEN___115KV_TB1 80814	29.15 -0.50 0.00	27.25 -0.53 0.00	26.51 -0.51 0.00	26.32 -0.54 0.00	26.08 -0.53 0.00	26.07 -0.48 0.00	27.20 -0.50 0.00	26.28 -0.51 0.00	27.90 -0.45 0.00	30.84 -0.50 0.00	33.18 -0.64 0.00	36.92 -0.68 0.00	36.95 -0.72 0.00	36.98 -0.68 0.00	36.99 -0.68 0.00	36.40 -0.67 0.00	37.37 -0.53 0.00	39.53 -0.44 0.00	37.82 -0.46 0.00	36.89 -0.68 0.00	35.78 -0.66 0.00	32.85 -0.64 0.00	30.00 -0.55 0.00	28.88 -0.59 0.00
TRIGEN___CC 323695	35.46 1.72 -4.08	34.23 1.56 -4.90	32.16 1.43 -3.71	30.06 1.50 -1.70	29.17 1.46 -1.10	30.71 1.46 -2.70	29.30 1.61 0.00	34.12 1.71 -5.61	40.39 1.90 -10.13	45.01 2.16 -11.51	51.57 2.37 -15.38	53.90 2.56 -13.75	55.23 2.67 -14.89	52.75 2.60 -12.49	52.94 2.64 -12.64	52.67 2.63 -12.97	54.30 2.92 -13.48	63.08 3.60 -19.51	60.10 3.41 -18.41	54.86 2.93 -14.36	53.13 2.77 -13.92	49.11 2.51 -13.11	46.83 2.17 -14.12	45.06 1.92 -13.67
TRINITY___115KV___ 4 BK 55933	30.46 0.80 0.00	28.75 0.97 0.00	27.97 0.95 0.00	27.82 0.97 0.00	27.55 0.93 0.00	27.45 0.90 0.00	28.66 0.97 0.00	27.70 0.91 0.00	29.01 0.65 0.00	32.00 0.66 0.00	34.60 0.78 0.00	38.49 0.90 0.00	38.57 0.90 0.00	38.57 0.90 0.00	38.53 0.87 0.00	37.92 0.85 0.00	38.89 0.99 0.00	41.25 1.28 0.00	39.43 1.15 0.00	38.43 0.86 0.00	37.24 0.80 0.00	34.29 0.80 0.00	31.31 0.76 0.00	30.30 0.83 0.00
UNION___PROCESSING_DRP 323587	28.06 -1.60 0.00	26.13 -1.64 0.00	25.38 -1.65 0.00	25.14 -1.72 0.00	24.96 -1.65 0.00	25.01 -1.54 0.00	26.09 -1.61 0.00	25.10 -1.69 0.00	26.80 -1.56 0.00	29.65 -1.69 0.00	31.46 -2.37 0.00	35.04 -2.56 0.00	34.88 -2.79 0.00	35.06 -2.60 0.00	35.10 -2.56 0.00	34.51 -2.56 0.00	35.63 -2.27 0.00	37.57 -2.40 0.00	36.02 -2.26 0.00	35.12 -2.44 0.00	33.89 -2.55 0.00	31.18 -2.31 0.00	28.59 -1.96 0.00	27.76 -1.71 0.00
UPPER HUDSON___HYD 24058	31.23 1.57 0.00	29.19 1.42 0.00	28.40 1.38 0.00	28.22 1.37 0.00	27.92 1.30 0.00	27.85 1.30 0.00	29.11 1.41 0.00	28.16 1.37 0.00	29.89 1.53 0.00	33.16 1.82 0.00	35.96 2.13 0.00	40.26 2.67 0.00	40.15 2.49 0.00	40.22 2.56 0.00	40.04 2.37 0.00	39.41 2.34 0.00	40.44 2.54 0.00	42.89 2.92 0.00	41.00 2.72 0.00	39.89 2.33 0.00	38.59 2.15 0.00	35.43 1.94 0.00	32.17 1.62 0.00	30.94 1.47 0.00
UPPER RAQUET___HYD 24056	29.75 0.09 0.00	28.02 0.25 0.00	27.27 0.24 0.00	27.10 0.24 0.00	26.83 0.21 0.00	26.74 0.19 0.00	27.61 -0.08 0.00	26.74 -0.05 0.00	28.24 -0.11 0.00	30.93 -0.41 0.00	33.59 -0.24 0.00	37.07 -0.53 0.00	37.17 -0.49 0.00	37.06 -0.60 0.00	37.17 -0.49 0.00	36.52 -0.56 0.00	37.10 -0.80 0.00	38.85 -1.12 0.00	37.25 -1.03 0.00	36.92 -0.64 0.00	35.85 -0.58 0.00	33.22 -0.27 0.00	30.43 -0.12 0.00	29.71 0.23 0.00
VALLEY44_115KV_TB2 355964	28.26 -1.39 0.00	26.27 -1.50 0.00	25.54 -1.49 0.00	25.19 -1.67 0.00	25.07 -1.54 0.00	25.17 -1.38 0.00	26.23 -1.47 0.00	25.26 -1.53 0.00	27.17 -1.19 0.00	29.93 -1.41 0.00	31.52 -2.30 0.00	34.89 -2.71 0.00	34.80 -2.86 0.00	34.91 -2.75 0.00	35.03 -2.64 0.00	34.48 -2.59 0.00	35.63 -2.27 0.00	37.69 -2.28 0.00	36.10 -2.18 0.00	35.05 -2.52 0.00	33.85 -2.59 0.00	31.21 -2.28 0.00	28.68 -1.86 0.00	27.91 -1.56 0.00
VALLEY___115KV_TB 1-4 80826	30.69 1.04 0.00	28.72 0.94 0.00	27.92 0.89 0.00	27.72 0.86 0.00	27.41 0.80 0.00	27.32 0.77 0.00	28.50 0.80 0.00	27.59 0.80 0.00	29.18 0.82 0.00	32.28 0.94 0.00	34.94 1.12 0.00	38.91 1.32 0.00	39.02 1.36 0.00	39.06 1.39 0.00	39.06 1.39 0.00	38.44 1.37 0.00	39.42 1.52 0.00	41.65 1.68 0.00	39.81 1.53 0.00	38.92 1.35 0.00	37.75 1.31 0.00	34.69 1.21 0.00	31.65 1.10 0.00	30.50 1.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.08 1.42 0.00	29.08 1.31 0.00	28.32 1.30 0.00	28.14 1.29 0.00	27.87 1.25 0.00	27.83 1.27 0.00	29.11 1.41 0.00	28.29 1.50 0.00	30.03 1.67 0.00	33.19 1.85 0.00	35.96 2.13 0.00	40.00 2.41 0.00	40.11 2.45 0.00	40.07 2.41 0.00	39.96 2.30 0.00	39.33 2.26 0.00	40.36 2.46 0.00	42.93 2.96 0.00	40.92 2.64 0.00	39.85 2.29 0.00	38.62 2.19 0.00	35.50 2.01 0.00	32.32 1.77 0.00	31.06 1.59 0.00

VISCHER___FERRY HYD 24020	30.87 1.22 0.00	28.89 1.11 0.00	28.11 1.08 0.00	27.96 1.10 0.00	27.68 1.07 0.00	27.59 1.03 0.00	28.83 1.14 0.00	27.86 1.07 0.00	29.43 1.08 0.00	32.56 1.22 0.00	35.24 1.42 0.00	39.36 1.77 0.00	39.28 1.62 0.00	39.40 1.73 0.00	39.25 1.58 0.00	38.63 1.56 0.00	39.65 1.74 0.00	42.01 2.04 0.00	40.20 1.91 0.00	39.18 1.61 0.00	37.97 1.53 0.00	34.93 1.44 0.00	31.83 1.28 0.00	30.62 1.15 0.00
V_A_10_SYNC_DSASP 323832	27.05 -2.61 0.00	25.30 -2.47 0.00	24.57 -2.46 0.00	24.28 -2.58 0.00	24.14 -2.47 0.00	24.21 -2.34 0.00	25.23 -2.46 0.00	24.14 -2.65 0.00	25.86 -2.50 0.00	28.55 -2.79 0.00	30.07 -3.76 0.00	33.38 -4.21 0.00	33.26 -4.41 0.00	33.41 -4.26 0.00	33.45 -4.22 0.00	32.92 -4.15 0.00	34.03 -3.87 0.00	35.89 -4.08 0.00	34.45 -3.83 0.00	33.54 -4.02 0.00	32.39 -4.05 0.00	29.84 -3.65 0.00	27.46 -3.08 0.00	27.03 -2.45 0.00
V_CMM_10_SYNC_DSASP 323787	29.81 0.15 0.00	27.99 0.22 0.00	27.22 0.19 0.00	27.05 0.19 0.00	26.80 0.19 0.00	26.76 0.21 0.00	27.80 0.11 0.00	26.93 0.13 0.00	28.44 0.09 0.00	31.40 0.06 0.00	33.96 0.14 0.00	37.52 -0.08 0.00	37.74 0.08 0.00	37.62 -0.04 0.00	37.74 0.08 0.00	37.11 0.04 0.00	37.71 -0.19 0.00	39.45 -0.52 0.00	37.86 -0.42 0.00	37.53 -0.04 0.00	36.47 0.04 0.00	33.52 0.03 0.00	30.58 0.03 0.00	29.62 0.15 0.00
V_CMP_10_SYNC_DSASP 323788	31.05 1.39 0.00	29.11 1.33 0.00	28.30 1.27 0.00	28.12 1.26 0.00	27.84 1.22 0.00	27.85 1.30 0.00	28.55 0.86 0.00	27.62 0.83 0.00	29.18 0.82 0.00	32.28 0.94 0.00	34.98 1.15 0.00	38.53 0.94 0.00	38.87 1.20 0.00	38.60 0.94 0.00	38.79 1.13 0.00	38.11 1.04 0.00	38.73 0.83 0.00	40.65 0.68 0.00	38.97 0.69 0.00	38.54 0.98 0.00	37.38 0.95 0.00	34.32 0.84 0.00	31.22 0.67 0.00	30.68 1.21 0.00
V_D_10_SYNC_DSASP 323841	29.95 0.30 0.00	28.22 0.44 0.00	27.46 0.43 0.00	27.28 0.43 0.00	27.01 0.40 0.00	26.97 0.42 0.00	28.00 0.31 0.00	27.11 0.32 0.00	28.64 0.28 0.00	31.50 0.16 0.00	34.09 0.27 0.00	37.67 0.08 0.00	37.85 0.19 0.00	37.74 0.08 0.00	37.89 0.23 0.00	37.26 0.19 0.00	37.83 -0.08 0.00	39.57 -0.40 0.00	37.97 -0.31 0.00	37.68 0.11 0.00	36.58 0.15 0.00	33.66 0.17 0.00	30.73 0.18 0.00	29.88 0.41 0.00
V_E_10_SYNC_DSASP 323830	31.97 2.31 0.00	29.86 2.08 0.00	29.05 2.03 0.00	28.79 1.93 0.00	28.42 1.81 0.00	28.52 1.96 0.00	29.88 2.19 0.00	29.12 2.33 0.00	30.88 2.52 0.00	34.07 2.73 0.00	36.80 2.98 0.00	41.12 3.53 0.00	41.17 3.50 0.00	41.20 3.54 0.00	40.98 3.32 0.00	40.33 3.26 0.00	41.65 3.75 0.00	44.33 4.36 0.00	42.11 3.83 0.00	40.83 3.27 0.00	39.57 3.13 0.00	36.23 2.75 0.00	32.99 2.44 0.00	31.83 2.36 0.00
V_F_30_NSYNC___DSASP 323816	31.14 1.48 0.00	29.13 1.36 0.00	28.35 1.32 0.00	28.20 1.34 0.00	27.89 1.28 0.00	27.83 1.27 0.00	29.05 1.36 0.00	28.08 1.29 0.00	29.77 1.42 0.00	32.97 1.63 0.00	35.72 1.89 0.00	39.92 2.33 0.00	39.85 2.18 0.00	39.92 2.26 0.00	39.77 2.11 0.00	39.15 2.07 0.00	40.17 2.27 0.00	42.57 2.60 0.00	40.73 2.45 0.00	39.67 2.10 0.00	38.40 1.97 0.00	35.29 1.81 0.00	32.10 1.56 0.00	30.92 1.44 0.00
V_F_30_SYNC_DSASP 323786	30.55 0.89 0.00	28.80 1.03 0.00	28.05 1.03 0.00	27.88 1.02 0.00	27.60 0.98 0.00	27.51 0.96 0.00	28.72 1.02 0.00	27.76 0.96 0.00	29.09 0.74 0.00	32.09 0.75 0.00	34.70 0.88 0.00	38.61 1.01 0.00	38.72 1.05 0.00	38.68 1.02 0.00	38.68 1.02 0.00	38.03 0.96 0.00	39.00 1.10 0.00	41.37 1.40 0.00	39.58 1.30 0.00	38.54 0.98 0.00	37.35 0.91 0.00	34.39 0.90 0.00	31.37 0.82 0.00	30.39 0.91 0.00
V_XM_10_SYNC_DSASP 323789	31.05 1.39 0.00	29.11 1.33 0.00	28.30 1.27 0.00	28.12 1.26 0.00	27.84 1.22 0.00	27.85 1.30 0.00	28.55 0.86 0.00	27.62 0.83 0.00	29.18 0.82 0.00	32.28 0.94 0.00	34.98 1.15 0.00	38.53 0.94 0.00	38.87 1.20 0.00	38.60 0.94 0.00	38.79 1.13 0.00	38.11 1.04 0.00	38.73 0.83 0.00	40.65 0.68 0.00	38.97 0.69 0.00	38.54 0.98 0.00	37.38 0.95 0.00	34.32 0.84 0.00	31.22 0.67 0.00	30.68 1.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.81 1.16 0.00	28.80 1.03 0.00	27.97 0.95 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.51 0.96 0.00	28.77 1.08 0.00	27.97 1.18 0.00	29.72 1.36 0.00	32.88 1.54 0.00	35.52 1.69 0.00	39.40 1.80 0.00	39.55 1.88 0.00	39.47 1.81 0.00	39.51 1.85 0.00	38.92 1.85 0.00	40.02 2.12 0.00	42.73 2.76 0.00	40.89 2.60 0.00	39.70 2.14 0.00	38.44 2.00 0.00	35.33 1.84 0.00	32.14 1.59 0.00	30.83 1.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.93 1.28 0.00	28.88 1.11 0.00	28.03 1.00 0.00	27.93 1.07 0.00	27.68 1.06 0.00	27.61 1.06 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.86 1.50 0.00	33.10 1.76 0.00	35.79 1.96 0.00	39.66 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.85 2.18 0.00	39.22 2.15 0.00	40.36 2.46 0.00	43.13 3.16 0.00	41.27 2.99 0.00	40.08 2.52 0.00	38.81 2.37 0.00	35.60 2.11 0.00	32.35 1.80 0.00	31.00 1.53 0.00
W50THST__13_KV_LOAD 356117	31.05 1.39 0.00	28.97 1.19 0.00	28.11 1.08 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.69 1.14 0.00	28.97 1.27 0.00	28.26 1.47 0.00	29.97 1.62 0.00	33.22 1.88 0.00	35.92 2.10 0.00	39.81 2.22 0.00	40.00 2.34 0.00	39.92 2.26 0.00	40.00 2.34 0.00	39.37 2.30 0.00	40.52 2.62 0.00	43.33 3.36 0.00	41.42 3.14 0.00	40.23 2.67 0.00	38.95 2.51 0.00	35.70 2.21 0.00	32.47 1.92 0.00	31.09 1.62 0.00
WADING RIVER_IC_1 23522	35.76 2.02 -4.08	34.70 2.03 -4.90	32.57 1.84 -3.71	30.46 1.91 -1.70	29.60 1.89 -1.10	31.13 1.89 -2.70	29.78 2.08 -0.01	34.52 2.12 -5.61	40.84 2.35 -10.13	45.54 2.70 -11.51	52.28 3.08 -15.38	54.80 3.46 -13.75	55.72 3.16 -14.89	53.58 3.43 -12.49	53.62 3.32 -12.64	53.26 3.22 -12.97	55.21 3.83 -13.48	63.68 4.20 -19.51	60.79 4.10 -18.41	55.53 3.61 -14.36	53.86 3.50 -13.92	49.44 2.84 -13.11	47.32 2.66 -14.12	45.56 2.42 -13.67
WADING RIVER_IC_2 23547	35.76 2.02 -4.08	34.70 2.03 -4.90	32.57 1.84 -3.71	30.46 1.91 -1.70	29.60 1.89 -1.10	31.13 1.89 -2.70	29.78 2.08 -0.01	34.52 2.12 -5.61	40.84 2.35 -10.13	45.54 2.70 -11.51	52.28 3.08 -15.38	54.80 3.46 -13.75	55.72 3.16 -14.89	53.58 3.43 -12.49	53.62 3.32 -12.64	53.26 3.22 -12.97	55.21 3.83 -13.48	63.68 4.20 -19.51	60.79 4.10 -18.41	55.53 3.61 -14.36	53.86 3.50 -13.92	49.44 2.84 -13.11	47.32 2.66 -14.12	45.56 2.42 -13.67
WADING RIVER_IC_3 23601	35.76 2.02 -4.08	34.70 2.03 -4.90	32.57 1.84 -3.71	30.46 1.91 -1.70	29.60 1.89 -1.10	31.13 1.89 -2.70	29.78 2.08 -0.01	34.52 2.12 -5.61	40.84 2.35 -10.13	45.54 2.70 -11.51	52.28 3.08 -15.38	54.80 3.46 -13.75	55.72 3.16 -14.89	53.58 3.43 -12.49	53.62 3.32 -12.64	53.26 3.22 -12.97	55.21 3.83 -13.48	63.68 4.20 -19.51	60.79 4.10 -18.41	55.53 3.61 -14.36	53.86 3.50 -13.92	49.44 2.84 -13.11	47.32 2.66 -14.12	45.56 2.42 -13.67

WALDENNY_12_KV_BK2 80841	27.67 -1.99 0.00	25.66 -2.11 0.00	24.92 -2.11 0.00	24.60 -2.26 0.00	24.49 -2.13 0.00	24.59 -1.96 0.00	25.56 -2.13 0.00	24.46 -2.33 0.00	26.23 -2.13 0.00	28.96 -2.38 0.00	30.44 -3.38 0.00	33.76 -3.83 0.00	33.64 -4.03 0.00	33.82 -3.84 0.00	33.86 -3.80 0.00	33.33 -3.74 0.00	34.53 -3.37 0.00	36.41 -3.56 0.00	34.95 -3.33 0.00	33.99 -3.57 0.00	32.76 -3.68 0.00	30.21 -3.28 0.00	27.86 -2.69 0.00	27.23 -2.24 0.00
WALDEN___HYDRO 24148	30.81 1.16 0.00	28.80 1.03 0.00	27.97 0.95 0.00	27.85 0.99 0.00	27.57 0.96 0.00	27.51 0.96 0.00	28.75 1.05 0.00	27.89 1.10 0.00	29.60 1.25 0.00	32.72 1.38 0.00	35.38 1.56 0.00	39.25 1.65 0.00	39.44 1.77 0.00	39.36 1.69 0.00	39.40 1.73 0.00	38.81 1.74 0.00	39.95 2.05 0.00	42.65 2.68 0.00	40.77 2.49 0.00	39.63 2.07 0.00	38.37 1.93 0.00	35.26 1.77 0.00	32.07 1.53 0.00	30.80 1.33 0.00
WARRENSBURG___ 23737	31.23 1.57 0.00	29.19 1.42 0.00	28.40 1.38 0.00	28.22 1.37 0.00	27.92 1.30 0.00	27.85 1.30 0.00	29.11 1.41 0.00	28.16 1.37 0.00	29.89 1.53 0.00	33.16 1.82 0.00	35.96 2.13 0.00	40.26 2.67 0.00	40.15 2.49 0.00	40.22 2.56 0.00	40.04 2.37 0.00	39.41 2.34 0.00	40.44 2.54 0.00	42.89 2.92 0.00	41.00 2.72 0.00	39.89 2.33 0.00	38.59 2.15 0.00	35.43 1.94 0.00	32.17 1.62 0.00	30.94 1.47 0.00
WATERSIDE___6 8 9 23538	30.99 1.33 0.00	28.91 1.14 0.00	28.05 1.03 0.00	27.98 1.13 0.00	27.73 1.12 0.00	27.64 1.09 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.92 1.56 0.00	33.16 1.82 0.00	35.85 2.03 0.00	39.73 2.14 0.00	39.96 2.30 0.00	39.88 2.22 0.00	39.96 2.30 0.00	38.84 2.30 0.53	40.48 2.58 0.00	41.70 3.36 1.62	38.11 3.18 3.35	40.23 2.67 0.00	38.92 2.48 0.00	31.64 2.24 4.09	32.44 1.89 0.00	31.06 1.59 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.43 0.77 0.00	28.50 0.72 0.00	27.70 0.68 0.00	27.53 0.67 0.00	27.25 0.64 0.00	27.16 0.61 0.00	28.36 0.66 0.00	27.46 0.67 0.00	29.04 0.68 0.00	32.09 0.75 0.00	34.74 0.91 0.00	38.64 1.05 0.00	38.76 1.09 0.00	38.75 1.09 0.00	38.76 1.09 0.00	38.15 1.08 0.00	39.08 1.17 0.00	41.33 1.36 0.00	39.51 1.23 0.00	38.65 1.09 0.00	37.46 1.02 0.00	34.42 0.94 0.00	31.40 0.86 0.00	30.27 0.80 0.00
WATSON___69_KV_BK 1 55734	36.17 2.43 -4.08	34.92 2.25 -4.90	32.84 2.11 -3.71	30.70 2.15 -1.70	29.84 2.13 -1.10	31.37 2.12 -2.70	29.99 2.30 0.00	34.76 2.36 -5.61	41.07 2.58 -10.13	45.80 2.95 -11.51	52.45 3.25 -15.38	54.95 3.61 -13.75	56.24 3.69 -14.89	53.77 3.62 -12.49	54.00 3.69 -12.64	53.67 3.63 -12.97	55.55 4.17 -13.48	64.40 4.92 -19.51	61.37 4.67 -18.41	56.06 4.13 -14.36	54.22 3.86 -13.92	49.95 3.35 -13.11	47.60 2.93 -14.12	45.82 2.68 -13.67
WDELAWARE___HYD 323627	31.11 1.45 0.00	29.05 1.28 0.00	28.21 1.19 0.00	28.07 1.21 0.00	27.76 1.14 0.00	27.72 1.17 0.00	29.00 1.30 0.00	28.08 1.29 0.00	29.86 1.50 0.00	33.00 1.66 0.00	35.68 1.86 0.00	39.81 2.22 0.00	39.74 2.07 0.00	39.85 2.18 0.00	39.77 2.11 0.00	39.18 2.11 0.00	40.33 2.43 0.00	43.09 3.12 0.00	41.23 2.95 0.00	40.00 2.44 0.00	38.74 2.30 0.00	35.60 2.11 0.00	32.38 1.83 0.00	31.00 1.53 0.00
WEST BABYLON___IC 23714	36.05 2.31 -4.08	34.76 2.08 -4.90	32.70 1.97 -3.71	30.57 2.01 -1.70	29.71 2.00 -1.10	31.24 1.99 -2.70	29.85 2.16 0.00	34.63 2.22 -5.61	40.93 2.44 -10.13	45.64 2.79 -11.51	52.28 3.08 -15.38	54.72 3.38 -13.75	56.05 3.50 -14.89	53.58 3.43 -12.49	53.81 3.50 -12.64	53.49 3.45 -12.97	55.29 3.90 -13.48	64.16 4.68 -19.51	61.14 4.44 -18.41	55.83 3.91 -14.36	54.04 3.68 -13.92	49.81 3.21 -13.11	47.47 2.81 -14.12	45.68 2.53 -13.67
WEST CANADA___HYD 24049	29.89 0.24 0.00	27.97 0.20 0.00	27.22 0.19 0.00	27.07 0.21 0.00	26.80 0.19 0.00	26.74 0.19 0.00	27.91 0.22 0.00	27.00 0.21 0.00	28.56 0.20 0.00	31.56 0.22 0.00	34.13 0.30 0.00	38.01 0.41 0.00	38.04 0.38 0.00	38.08 0.42 0.00	38.00 0.34 0.00	37.40 0.33 0.00	38.32 0.42 0.00	40.53 0.56 0.00	38.78 0.50 0.00	37.94 0.38 0.00	36.77 0.33 0.00	33.79 0.30 0.00	30.82 0.27 0.00	29.71 0.23 0.00
WESTERN_NY_WIND 24143	27.88 -1.78 0.00	25.83 -1.94 0.00	25.08 -1.95 0.00	24.79 -2.07 0.00	24.67 -1.94 0.00	24.77 -1.78 0.00	25.76 -1.94 0.00	24.70 -2.09 0.00	26.48 -1.87 0.00	29.30 -2.04 0.00	30.81 -3.01 0.00	34.28 -3.31 0.00	34.05 -3.62 0.00	34.27 -3.39 0.00	34.35 -3.31 0.00	33.81 -3.26 0.00	35.06 -2.84 0.00	36.93 -3.04 0.00	35.49 -2.79 0.00	34.48 -3.08 0.00	33.23 -3.21 0.00	30.57 -2.91 0.00	28.10 -2.44 0.00	27.44 -2.03 0.00
WESTOVER___LESR 323668	29.54 -0.12 0.00	27.61 -0.17 0.00	26.86 -0.16 0.00	26.64 -0.21 0.00	26.43 -0.19 0.00	26.42 -0.13 0.00	27.58 -0.11 0.00	26.63 -0.16 0.00	28.33 -0.03 0.00	31.31 -0.03 0.00	33.59 -0.24 0.00	37.29 -0.30 0.00	37.36 -0.30 0.00	37.40 -0.26 0.00	37.40 -0.26 0.00	36.81 -0.26 0.00	37.86 -0.04 0.00	40.13 0.16 0.00	38.40 0.11 0.00	37.38 -0.19 0.00	36.22 -0.22 0.00	33.25 -0.23 0.00	30.39 -0.15 0.00	29.32 -0.15 0.00
WETHRSFD_WT_PWR 323626	27.94 -1.72 0.00	26.05 -1.72 0.00	25.30 -1.73 0.00	25.00 -1.85 0.00	24.83 -1.78 0.00	24.90 -1.65 0.00	25.92 -1.77 0.00	24.84 -1.95 0.00	26.60 -1.76 0.00	29.37 -1.97 0.00	31.02 -2.81 0.00	34.43 -3.16 0.00	34.35 -3.31 0.00	34.50 -3.16 0.00	34.50 -3.16 0.00	33.99 -3.08 0.00	35.14 -2.77 0.00	37.09 -2.88 0.00	35.57 -2.72 0.00	34.56 -3.01 0.00	33.45 -2.99 0.00	30.78 -2.71 0.00	28.32 -2.23 0.00	27.73 -1.74 0.00
WHAVSTOR_138KV_BK127 55557	30.72 1.07 0.00	28.72 0.94 0.00	27.89 0.86 0.00	27.77 0.91 0.00	27.52 0.90 0.00	27.43 0.88 0.00	28.69 1.00 0.00	27.92 1.13 0.00	29.63 1.28 0.00	32.78 1.44 0.00	35.41 1.59 0.00	39.28 1.69 0.00	39.44 1.77 0.00	39.36 1.69 0.00	39.44 1.77 0.00	38.81 1.74 0.00	39.91 2.01 0.00	42.61 2.64 0.00	40.73 2.45 0.00	39.59 2.03 0.00	38.33 1.89 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.74 1.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.72 1.07 0.00	28.72 0.94 0.00	27.89 0.86 0.00	27.77 0.91 0.00	27.52 0.90 0.00	27.43 0.88 0.00	28.69 1.00 0.00	27.92 1.13 0.00	29.63 1.28 0.00	32.78 1.44 0.00	35.41 1.59 0.00	39.28 1.69 0.00	39.44 1.77 0.00	39.36 1.69 0.00	39.44 1.77 0.00	38.81 1.74 0.00	39.91 2.01 0.00	42.61 2.64 0.00	40.73 2.45 0.00	39.59 2.03 0.00	38.33 1.89 0.00	35.19 1.71 0.00	32.04 1.50 0.00	30.74 1.27 0.00
WHITEHAL_115KV_TB1 80871	31.82 2.16 0.00	29.77 2.00 0.00	28.94 1.92 0.00	28.76 1.91 0.00	28.45 1.84 0.00	28.41 1.86 0.00	29.69 1.99 0.00	28.72 1.93 0.00	30.51 2.16 0.00	33.94 2.60 0.00	36.83 3.01 0.00	41.20 3.61 0.00	41.17 3.50 0.00	41.13 3.46 0.00	40.94 3.28 0.00	40.30 3.23 0.00	41.39 3.49 0.00	43.93 3.96 0.00	42.03 3.75 0.00	40.83 3.27 0.00	39.46 3.02 0.00	36.17 2.68 0.00	32.81 2.26 0.00	31.59 2.12 0.00

WHITEPLN_13_KV_LOAD 356215	31.11 1.45 0.00	29.08 1.31 0.00	28.24 1.22 0.00	28.12 1.26 0.00	27.84 1.22 0.00	27.75 1.19 0.00	29.05 1.36 0.00	28.29 1.50 0.00	30.03 1.67 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.89 2.29 0.00	40.08 2.41 0.00	40.00 2.34 0.00	40.04 2.37 0.00	39.44 2.37 0.00	40.55 2.65 0.00	43.29 3.32 0.00	41.42 3.14 0.00	40.23 2.67 0.00	38.99 2.55 0.00	35.76 2.28 0.00	32.50 1.96 0.00	31.18 1.71 0.00
WM_FLOYD_69_KV_BK2 356380	35.87 2.14 -4.08	34.73 2.06 -4.90	32.65 1.92 -3.71	30.54 1.99 -1.70	29.65 1.94 -1.10	31.19 1.94 -2.70	29.83 2.13 0.00	34.60 2.20 -5.61	40.90 2.41 -10.13	45.61 2.76 -11.51	52.28 3.08 -15.38	54.65 3.31 -13.75	55.87 3.31 -14.89	53.47 3.31 -12.49	53.69 3.39 -12.64	53.38 3.34 -12.97	55.25 3.87 -13.48	63.96 4.48 -19.51	61.02 4.33 -18.41	55.72 3.79 -14.36	53.97 3.61 -13.92	49.61 3.01 -13.11	47.41 2.75 -14.12	45.68 2.53 -13.67
WOODARD__115KV_TB2 355635	28.92 -0.74 0.00	27.02 -0.75 0.00	26.30 -0.73 0.00	26.10 -0.75 0.00	25.90 -0.72 0.00	25.86 -0.69 0.00	27.00 -0.69 0.00	26.09 -0.70 0.00	27.68 -0.68 0.00	30.62 -0.72 0.00	32.91 -0.91 0.00	36.65 -0.94 0.00	36.65 -1.02 0.00	36.68 -0.98 0.00	36.69 -0.98 0.00	36.11 -0.96 0.00	37.07 -0.83 0.00	39.17 -0.80 0.00	37.48 -0.80 0.00	36.59 -0.98 0.00	35.49 -0.95 0.00	32.58 -0.90 0.00	29.75 -0.79 0.00	28.68 -0.80 0.00
YORK___WARBASSE 23770	31.08 1.42 0.00	28.97 1.19 0.00	28.08 1.05 0.00	28.01 1.15 0.00	27.76 1.14 0.00	27.67 1.12 0.00	28.88 1.19 0.00	28.18 1.39 0.00	29.94 1.59 0.00	33.25 1.91 0.00	35.96 2.13 0.00	39.85 2.26 0.00	40.11 2.45 0.00	40.00 2.34 0.00	40.11 2.45 0.00	43.32 2.52 -3.73	40.67 2.77 0.00	54.92 3.60 -11.36	65.14 3.37 -23.49	40.38 2.82 0.00	39.06 2.62 0.00	64.56 2.44 -28.63	32.56 2.02 0.00	31.15 1.68 0.00