

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion					
Generator Data		07/21/2023																							
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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	25.05	23.04	21.87	20.74	20.73	22.14	23.64	27.47	30.95	32.32	31.65	32.57	32.59	33.25	34.08	36.38	39.69	42.19	38.23	33.67	33.05	30.87	28.46	26.10	
	1.94	1.75	1.58	1.46	1.46	1.55	1.87	2.41	2.81	2.99	2.72	2.77	2.74	2.89	3.21	3.62	3.83	3.92	3.28	2.78	2.67	2.44	2.37	2.00	
74TH STREET_GT_1 24260																									
	25.09	23.14	21.91	20.77	20.75	22.14	23.64	27.50	30.98	32.38	31.74	32.66	32.80	33.58	34.24	36.32	39.76	42.27	38.27	33.76	33.14	30.98	28.56	26.13	
	1.99	1.85	1.62	1.50	1.48	1.54	1.87	2.43	2.84	3.05	2.81	2.86	2.96	3.22	3.37	3.56	3.90	4.00	3.32	2.87	2.76	2.56	2.48	2.02	
74TH STREET_GT_2 24261																									
	25.09	23.14	21.91	20.77	20.75	22.14	23.64	27.50	30.98	32.38	31.74	32.66	32.80	33.58	34.24	36.32	39.76	42.27	38.27	33.76	33.14	30.98	28.56	26.13	
	1.99	1.85	1.62	1.50	1.48	1.54	1.87	2.43	2.84	3.05	2.81	2.86	2.96	3.22	3.37	3.56	3.90	4.00	3.32	2.87	2.76	2.56	2.48	2.02	
ADK HUDSON___FALLS 24011																									
	24.54	22.61	21.46	20.33	20.33	21.75	23.14	26.74	30.14	31.38	30.73	31.59	31.46	32.09	32.60	33.57	36.88	39.88	37.01	32.68	32.48	30.27	27.73	25.43	
	1.43	1.32	1.18	1.06	1.06	1.15	1.37	1.68	2.00	2.05	1.79	1.79	1.61	1.73	1.73	1.75	1.98	2.09	2.06	1.79	2.10	1.85	1.64	1.33	
ADK RESOURCE___RCVRY 23798																									
	24.70	22.74	21.58	20.45	20.46	21.90	23.29	26.95	30.36	31.65	30.99	31.85	31.61	32.18	32.79	33.81	37.13	40.11	37.25	32.92	32.75	30.50	27.91	25.60	
	1.59	1.45	1.30	1.18	1.20	1.30	1.52	1.88	2.22	2.32	2.05	2.05	1.76	1.82	1.91	1.97	2.23	2.32	2.31	2.04	2.37	2.07	1.83	1.49	
ADK S GLENS___FALLS 24028																									
	24.54	22.61	21.46	20.33	20.33	21.75	23.14	26.74	30.14	31.38	30.73	31.59	31.46	32.09	32.60	33.57	36.88	39.88	37.01	32.68	32.48	30.27	27.73	25.43	
	1.43	1.32	1.18	1.06	1.06	1.15	1.37	1.68	2.00	2.05	1.79	1.79	1.61	1.73	1.73	1.75	1.98	2.09	2.06	1.79	2.10	1.85	1.64	1.33	
ADK_NYS___DAM 23527																									
	24.35	22.48	21.36	20.25	20.25	21.61	22.99	26.49	29.83	30.97	30.44	31.29	31.34	31.97	32.72	33.27	36.51	39.71	36.83	32.55	32.05	29.90	27.44	25.16	
	1.25	1.19	1.07	0.98	0.98	1.01	1.22	1.43	1.69	1.64	1.50	1.49	1.49	1.61	1.85	1.97	2.16	2.21	1.89	1.67	1.67	1.48	1.36	1.06	
AIR_PRODUCTS___DRP 24190																									
	23.64	21.85	20.75	19.68	19.69	20.99	22.27	25.69	28.93	30.09	29.63	30.48	30.57	31.24	31.80	32.87	36.07	38.89	35.75	31.60	31.11	29.05	26.66	24.46	
	0.53	0.55	0.47	0.40	0.42	0.39	0.50	0.63	0.79	0.76	0.69	0.69	0.72	0.88	0.93	0.97	1.10	1.07	0.80	0.71	0.73	0.63	0.57	0.36	
AKWESSNE_115KV_BK 355683																									
	22.55	20.78	19.90	18.92	18.90	20.21	21.25	24.44	27.49	28.68	28.27	29.14	29.16	29.60	30.07	31.53	34.57	37.14	34.14	30.11	29.65	27.71	25.43	23.47	
	-0.55	-0.51	-0.39	-0.35	-0.37	-0.39	-0.52	-0.63	-0.65	-0.65	-0.67	-0.66	-0.69	-0.76	-0.80	-0.81	-0.85	-0.91	-0.80	-0.77	-0.73	-0.71	-0.65	-0.63	
ALBANY___1 23571																									
	23.64	21.85	20.75	19.68	19.69	20.99	22.27	25.69	28.93	30.09	29.63	30.48	30.57	31.24	31.80	32.87	36.07	38.89	35.75	31.60	31.11	29.05	26.66	24.46	
	0.53	0.55	0.47	0.40	0.42	0.39	0.50	0.63	0.79	0.76	0.69	0.69	0.72	0.88	0.93	0.97	1.10	1.07	0.80	0.71	0.73	0.63	0.57	0.36	
ALBANY___2 23572																									
	23.64	21.85	20.75	19.68	19.69	20.99	22.27	25.69	28.93	30.09	29.63	30.48	30.57	31.24	31.80	32.87	36.07	38.89	35.75	31.60	31.11	29.05	26.66	24.46	
	0.53	0.55	0.47	0.40	0.42	0.39	0.50	0.63	0.79	0.76	0.69	0.69	0.72	0.88	0.93	0.97	1.10	1.07	0.80	0.71	0.73	0.63	0.57	0.36	
ALBANY___3 23573																									
	23.64	21.85	20.75	19.68	19.69	20.99	22.27	25.69	28.93	30.09	29.63	30.48	30.57	31.24	31.80	32.87	36.07	38.89	35.75	31.60	31.11	29.05	26.66	24.46	
	0.53	0.55	0.47	0.40	0.42	0.39	0.50	0.63	0.79	0.76	0.69	0.69	0.72	0.88	0.93	0.97	1.10	1.07	0.80	0.71	0.73	0.63	0.57	0.36	

ALBANY___4 23574	23.64 0.53 0.00	21.85 0.55 0.00	20.75 0.47 0.00	19.68 0.40 0.00	19.69 0.42 0.00	20.99 0.39 0.00	22.27 0.50 0.00	25.69 0.63 0.00	28.93 0.79 0.00	30.09 0.76 0.00	29.63 0.69 0.00	30.48 0.69 0.00	30.57 0.72 0.00	31.24 0.88 0.00	31.80 0.93 0.00	32.87 0.97 0.44	36.07 1.10 0.46	38.89 1.07 0.23	35.75 0.80 0.00	31.60 0.71 0.00	31.11 0.73 0.00	29.05 0.63 0.00	26.66 0.57 0.00	24.46 0.36 0.00
ALBANY___LFGE 323615	23.89 0.79 0.00	22.06 0.77 0.00	20.95 0.67 0.00	19.87 0.60 0.00	19.89 0.62 0.00	21.20 0.60 0.00	22.51 0.74 0.00	25.97 0.90 0.00	29.27 1.13 0.00	30.44 1.11 0.00	29.97 1.04 0.00	30.84 1.04 0.00	30.86 1.02 0.00	31.45 1.09 0.00	32.14 1.27 0.00	33.23 1.36 0.47	36.42 1.49 0.49	39.29 1.48 0.25	36.17 1.22 0.00	31.94 1.05 0.00	31.44 1.06 0.00	29.36 0.94 0.00	26.94 0.86 0.00	24.73 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	22.60 -0.51 0.00	20.80 -0.49 0.00	19.92 -0.37 0.00	18.94 -0.33 0.00	18.94 -0.33 0.00	20.25 -0.35 0.00	21.29 -0.48 0.00	24.46 -0.60 0.00	27.52 -0.62 0.00	28.71 -0.62 0.00	28.32 -0.61 0.00	29.20 -0.60 0.00	29.22 -0.63 0.00	29.66 -0.70 0.00	30.10 -0.77 0.00	31.53 -0.81 0.00	34.57 -0.85 0.00	37.18 -0.88 0.00	34.18 -0.77 0.00	30.15 -0.74 0.00	29.71 -0.67 0.00	27.77 -0.65 0.00	25.46 -0.63 0.00	23.50 -0.60 0.00
ALCOA_RYNLDS___DRP 24188	22.60 -0.51 0.00	20.80 -0.49 0.00	19.92 -0.37 0.00	18.94 -0.33 0.00	18.94 -0.33 0.00	20.25 -0.35 0.00	21.29 -0.48 0.00	24.46 -0.60 0.00	27.52 -0.62 0.00	28.71 -0.62 0.00	28.32 -0.61 0.00	29.20 -0.60 0.00	29.22 -0.63 0.00	29.66 -0.70 0.00	30.10 -0.77 0.00	31.53 -0.81 0.00	34.57 -0.85 0.00	37.18 -0.88 0.00	34.18 -0.77 0.00	30.15 -0.74 0.00	29.71 -0.67 0.00	27.77 -0.65 0.00	25.46 -0.63 0.00	23.50 -0.60 0.00
ALCOA___DSASP 323711	22.60 -0.51 0.00	20.80 -0.49 0.00	19.92 -0.36 0.00	18.94 -0.33 0.00	18.94 -0.33 0.00	20.25 -0.35 0.00	21.29 -0.48 0.00	24.46 -0.60 0.00	27.52 -0.62 0.00	28.71 -0.62 0.00	28.32 -0.61 0.00	29.20 -0.60 0.00	29.19 -0.66 0.00	29.57 -0.79 0.00	30.07 -0.80 0.00	31.53 -0.81 0.00	34.61 -0.81 0.00	37.18 -0.87 0.00	34.18 -0.77 0.00	30.15 -0.74 0.00	29.71 -0.67 0.00	27.77 -0.65 0.00	25.46 -0.63 0.00	23.50 -0.60 0.00
ALLEGHENY___COGEN 23514	24.70 1.59 0.00	22.68 1.38 0.00	21.24 0.95 0.00	20.20 0.93 0.00	20.21 0.94 0.00	21.73 1.13 0.00	22.99 1.22 0.00	25.99 0.93 0.00	28.39 0.25 0.00	29.56 0.23 0.00	29.31 0.38 0.00	30.10 0.30 0.00	30.27 0.42 0.00	30.63 0.27 0.00	30.81 -0.06 0.00	31.89 -0.45 0.00	35.00 -0.42 0.00	38.43 0.38 0.00	36.35 1.40 0.00	32.83 1.95 0.00	32.26 1.88 0.00	30.33 1.90 0.00	27.73 1.64 0.00	26.25 2.14 0.00
ALTAMONT_115KV_TB 2 55880	23.94 0.83 0.00	22.10 0.81 0.00	20.99 0.71 0.00	19.91 0.64 0.00	19.91 0.64 0.00	21.26 0.66 0.00	22.55 0.78 0.00	26.02 0.95 0.00	29.27 1.13 0.00	30.44 1.11 0.00	29.97 1.04 0.00	30.84 1.04 0.00	30.95 1.10 0.00	31.57 1.21 0.00	32.17 1.30 0.00	33.39 1.36 0.31	36.62 1.52 0.32	39.41 1.52 0.16	36.24 1.29 0.00	32.00 1.11 0.00	31.53 1.15 0.00	29.45 1.02 0.00	27.02 0.94 0.00	24.82 0.72 0.00
ALTONA_WT_PWR 323606	22.81 -0.30 0.00	20.95 -0.34 0.00	20.04 -0.24 0.00	19.12 -0.15 0.00	19.17 -0.10 0.00	20.52 -0.08 0.00	21.60 -0.17 0.00	24.79 -0.28 0.00	27.83 -0.31 0.00	29.04 -0.29 0.00	28.70 -0.23 0.00	29.59 -0.21 0.00	29.61 -0.24 0.00	29.96 -0.40 0.00	30.59 -0.28 0.00	32.08 -0.26 0.00	35.28 -0.14 0.00	37.90 -0.15 0.00	34.98 0.03 0.00	30.83 -0.06 0.00	30.41 0.03 0.00	28.40 -0.03 0.00	25.95 -0.13 0.00	23.96 -0.14 0.00
AMERICAN_REF_FUEL 24010	23.29 0.18 0.00	21.57 0.28 0.00	20.00 -0.28 0.00	18.98 -0.29 0.00	19.00 -0.27 0.00	20.39 -0.21 0.00	21.71 -0.07 0.00	24.56 -0.50 0.00	26.87 -1.27 0.00	28.04 -1.29 0.00	27.98 -0.95 0.00	28.96 -0.83 0.00	29.40 -0.45 0.00	29.72 -0.64 0.00	29.39 -1.48 0.00	30.17 -2.17 0.00	32.98 -2.44 0.00	36.03 -2.02 0.00	34.11 -0.84 0.00	30.52 -0.37 0.00	29.71 -0.67 0.00	27.97 -0.46 0.00	25.74 -0.34 0.00	24.87 0.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.85 0.74 0.00	22.10 0.81 0.00	20.47 0.18 0.00	19.44 0.17 0.00	19.56 0.29 0.00	21.07 0.47 0.00	22.47 0.70 0.00	25.74 0.68 0.00	28.23 0.08 0.00	29.45 0.12 0.00	29.39 0.46 0.00	30.25 0.45 0.00	30.66 0.81 0.00	30.75 0.39 0.00	30.56 -0.31 0.00	31.47 -0.87 0.00	34.54 -0.88 0.00	37.75 -0.31 0.00	35.68 0.74 0.00	32.03 1.14 0.00	31.26 0.88 0.00	29.53 1.11 0.00	27.08 0.99 0.00	25.93 1.83 0.00
ARTHUR_KILL_GT_1 23520	25.07 1.96 0.00	23.00 1.70 0.00	21.81 1.52 0.00	20.66 1.39 0.00	20.62 1.35 0.00	21.88 1.28 0.00	23.37 1.61 0.01	27.31 2.26 0.01	30.83 2.70 0.01	32.31 2.93 -0.05	32.92 2.69 -1.29	33.26 2.74 -0.72	33.26 2.72 -0.70	33.94 2.82 -0.76	35.47 3.27 -1.33	36.31 3.56 -0.42	39.75 3.90 -0.43	42.26 3.99 -0.21	38.15 3.21 0.01	34.70 2.87 -0.94	33.26 2.70 -0.18	32.89 2.50 -1.96	33.25 2.48 -4.68	26.09 1.98 -0.01
ARTHUR_KILL_2 23512	25.00 1.90 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.60 1.33 0.00	20.56 1.29 0.00	21.81 1.22 0.00	23.33 1.57 0.01	27.24 2.18 0.01	30.75 2.62 0.01	32.19 2.82 -0.05	32.80 2.57 -1.29	33.14 2.62 -0.72	33.14 2.60 -0.70	33.82 2.70 -0.76	35.35 3.15 -1.33	36.18 3.43 -0.42	39.58 3.72 -0.43	42.11 3.84 -0.21	38.02 3.08 0.01	34.57 2.75 -0.94	33.14 2.58 -0.18	32.80 2.41 -1.96	33.14 2.37 -4.68	26.01 1.90 -0.01
ARTHUR_KILL_3 23513	24.84 1.73 0.00	22.85 1.55 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.54 1.27 0.00	21.94 1.34 0.00	23.40 1.63 0.00	27.19 2.13 0.00	30.67 2.53 0.00	32.08 2.70 -0.05	32.69 2.46 -1.30	33.03 2.50 -0.73	33.00 2.45 -0.70	33.65 2.52 -0.77	35.08 2.87 -1.34	35.96 3.20 -0.42	39.27 3.40 -0.44	41.74 3.46 -0.22	37.75 2.80 0.00	34.33 2.50 -0.94	33.00 2.43 -0.19	32.64 2.25 -1.97	32.97 2.19 -4.69	25.89 1.78 0.00
ARTHUR_KILL_COGEN 323718	25.07 1.96 0.00	23.00 1.70 0.00	21.81 1.52 0.00	20.66 1.39 0.00	20.62 1.35 0.00	21.88 1.28 0.00	23.37 1.61 0.01	27.31 2.26 0.01	30.83 2.70 0.01	32.31 2.93 -0.05	32.92 2.69 -1.29	33.26 2.74 -0.72	33.26 2.72 -0.70	33.94 2.82 -0.76	35.47 3.27 -1.33	36.31 3.56 -0.42	39.75 3.90 -0.43	42.26 3.99 -0.21	38.15 3.21 0.01	34.70 2.87 -0.94	33.26 2.70 -0.18	32.89 2.50 -1.96	33.25 2.48 -4.68	26.09 1.98 -0.01
ASHOKAN____ 23654	24.17 1.06 0.00	22.25 0.96 0.00	21.16 0.87 0.00	20.04 0.77 0.00	19.90 0.63 0.00	21.20 0.60 0.00	22.49 0.72 0.00	25.64 0.58 0.00	28.84 0.70 0.00	29.95 0.62 0.00	29.39 0.46 0.00	30.27 0.48 0.00	30.27 0.42 0.00	30.94 0.58 0.00	31.74 0.86 0.00	34.51 2.17 0.00	37.87 2.44 0.00	40.64 2.59 0.00	35.86 0.91 0.00	31.66 0.77 0.00	31.41 1.03 0.00	29.39 0.97 0.00	27.00 0.91 0.00	24.82 0.72 0.00

ASTORIA_EAST_ENERGY_CC1 323581	25.12 2.01 -0.01	23.11 1.81 -0.01	21.96 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.85 2.70 -0.01	32.13 2.79 -0.01	31.57 2.63 -0.01	32.39 2.59 0.00	32.38 2.54 0.00	33.01 2.64 -0.01	33.84 2.96 -0.01	36.20 3.43 -0.43	39.62 3.75 -0.44	42.09 3.80 -0.23	37.99 3.04 0.00	33.48 2.59 0.00	32.86 2.49 0.01	30.93 2.50 0.00	28.52 2.43 -0.01	26.18 2.07 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	25.12 2.01 -0.01	23.11 1.81 -0.01	21.96 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.85 2.70 -0.01	32.13 2.79 -0.01	31.57 2.63 -0.01	32.39 2.59 0.00	32.38 2.54 0.00	33.01 2.64 -0.01	33.84 2.96 -0.01	36.20 3.43 -0.43	39.62 3.75 -0.44	42.09 3.80 -0.23	37.99 3.04 0.00	33.48 2.59 0.00	32.86 2.49 0.01	30.93 2.50 0.00	28.52 2.43 -0.01	26.18 2.07 -0.01
ASTORIA_GT2_1 24094	25.15 2.03 -0.01	23.17 1.87 -0.01	21.95 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.06 1.46 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.12 2.79 -0.01	31.57 2.63 -0.01	32.42 2.62 0.00	32.60 2.75 0.00	33.31 2.94 -0.01	33.94 3.06 -0.01	36.10 3.33 -0.43	39.62 3.75 -0.44	42.16 3.88 -0.23	37.99 3.04 0.00	33.51 2.63 0.00	32.87 2.49 0.00	30.95 2.53 0.00	28.54 2.45 -0.01	26.21 2.10 -0.01
ASTORIA_GT2_2 24095	25.15 2.03 -0.01	23.17 1.87 -0.01	21.95 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.06 1.46 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.12 2.79 -0.01	31.57 2.63 -0.01	32.42 2.62 0.00	32.60 2.75 0.00	33.31 2.94 -0.01	33.94 3.06 -0.01	36.10 3.33 -0.43	39.62 3.75 -0.44	42.16 3.88 -0.23	37.99 3.04 0.00	33.51 2.63 0.00	32.87 2.49 0.00	30.95 2.53 0.00	28.54 2.45 -0.01	26.21 2.10 -0.01
ASTORIA_GT2_3 24096	25.15 2.03 -0.01	23.17 1.87 -0.01	21.95 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.06 1.46 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.12 2.79 -0.01	31.57 2.63 -0.01	32.42 2.62 0.00	32.60 2.75 0.00	33.31 2.94 -0.01	33.94 3.06 -0.01	36.10 3.33 -0.43	39.62 3.75 -0.44	42.16 3.88 -0.23	37.99 3.04 0.00	33.51 2.63 0.00	32.87 2.49 0.00	30.95 2.53 0.00	28.54 2.45 -0.01	26.21 2.10 -0.01
ASTORIA_GT2_4 24097	25.15 2.03 -0.01	23.17 1.87 -0.01	21.95 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.06 1.46 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.12 2.79 -0.01	31.57 2.63 -0.01	32.42 2.62 0.00	32.60 2.75 0.00	33.31 2.94 -0.01	33.94 3.06 -0.01	36.10 3.33 -0.43	39.62 3.75 -0.44	42.16 3.88 -0.23	37.99 3.04 0.00	33.51 2.63 0.00	32.87 2.49 0.00	30.95 2.53 0.00	28.54 2.45 -0.01	26.21 2.10 -0.01
ASTORIA_GT3_1 24098	25.15 2.03 -0.01	23.17 1.87 -0.01	21.95 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.06 1.46 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.12 2.79 -0.01	31.57 2.63 -0.01	32.42 2.62 0.00	32.60 2.75 0.00	33.31 2.94 -0.01	33.94 3.06 -0.01	36.10 3.33 -0.43	39.62 3.75 -0.44	42.16 3.88 -0.23	37.99 3.04 0.00	33.51 2.63 0.00	32.87 2.49 0.00	30.95 2.53 0.00	28.54 2.45 -0.01	26.21 2.10 -0.01
ASTORIA_GT3_2 24099	25.15 2.03 -0.01	23.17 1.87 -0.01	21.95 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00																			

ASTORIA_GT_10 24110	25.03 1.92 0.00	23.06 1.77 0.00	21.83 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.66 2.81 0.00	33.43 3.07 -0.01	34.16 3.21 -0.07	36.13 3.36 -0.43	39.55 3.68 -0.44	42.12 3.84 -0.23	37.99 3.04 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
ASTORIA_GT_11 24225	25.03 1.92 0.00	23.06 1.77 0.00	21.83 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.66 2.81 0.00	33.43 3.07 -0.01	34.16 3.21 -0.07	36.13 3.36 -0.43	39.55 3.68 -0.44	42.12 3.84 -0.23	37.99 3.04 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
ASTORIA_GT_12 24226	25.03 1.92 0.00	23.06 1.77 0.00	21.83 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.66 2.81 0.00	33.43 3.07 -0.01	34.16 3.21 -0.07	36.13 3.36 -0.43	39.55 3.68 -0.44	42.12 3.84 -0.23	37.99 3.04 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
ASTORIA_GT_13 24227	25.03 1.92 0.00	23.06 1.77 0.00	21.83 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.66 2.81 0.00	33.43 3.07 -0.01	34.16 3.21 -0.07	36.13 3.36 -0.43	39.55 3.68 -0.44	42.12 3.84 -0.23	37.99 3.04 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
ASTORIA_GT_5 24106	25.20 2.08 -0.01	23.17 1.87 -0.01	22.00 1.70 -0.01	20.86 1.58 -0.01	20.77 1.50 0.00	22.08 1.48 0.00	23.60 1.83 0.00	27.53 2.46 -0.01	30.94 2.79 -0.01	32.21 2.88 -0.01	31.66 2.72 -0.01	32.48 2.68 0.00	32.48 2.63 0.00	33.10 2.73 -0.01	33.94 3.06 -0.01	36.30 3.53 -0.43	39.73 3.86 -0.44	42.20 3.92 -0.23	38.10 3.15 0.00	33.57 2.69 0.00	32.93 2.55 0.01	31.01 2.59 0.00	28.60 2.50 -0.01	26.25 2.14 -0.01
ASTORIA_GT_7 24107	25.20 2.08 -0.01	23.17 1.87 -0.01	22.00 1.70 -0.01	20.86 1.58 -0.01	20.77 1.50 0.00	22.08 1.48 0.00	23.60 1.83 0.00	27.53 2.46 -0.01	30.94 2.79 -0.01	32.21 2.88 -0.01	31.66 2.72 -0.01	32.48 2.68 0.00	32.48 2.63 0.00	33.10 2.73 -0.01	33.94 3.06 -0.01	36.30 3.53 -0.43	39.73 3.86 -0.44	42.20 3.92 -0.23	38.10 3.15 0.00	33.57 2.69 0.00	32.93 2.55 0.01	31.01 2.59 0.00	28.60 2.50 -0.01	26.25 2.14 -0.01
ASTORIA_GT_8 24108	25.20 2.08 -0.01	23.22 1.92 -0.01	22.00 1.70 -0.01	20.86 1.58 -0.01	20.77 1.50 0.00	22.08 1.48 0.00	23.60 1.83 0.00	27.53 2.46 -0.01	30.93 2.79 -0.01	32.21 2.87 -0.01	31.66 2.72 -0.01	32.48 2.68 0.00	32.66 2.81 0.00	33.37 3.01 -0.01	34.00 3.12 -0.01	36.20 3.43 -0.43	39.69 3.83 -0.44	42.28 4.00 -0.23	38.06 3.11 0.00	33.57 2.69 0.00	32.93 2.55 0.00	31.01 2.59 0.00	28.60 2.50 -0.01	26.25 2.15 -0.01
ASTORIA___2 24149	25.15 2.03 -0.01	23.13 1.83 -0.01	21.96 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.06 1.46 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.13 2.79 -0.01	31.57 2.63 -0.01	32.42 2.62 0.00	32.38 2.54 0.00	33.01 2.64 -0.01	33.87 2.99 -0.01	36.20 3.43 -0.43	39.62 3.75 -0.44	42.12 3.84 -0.23	37.99 3.04 0.00	33.51 2.62 0.00	32.86 2.49 0.01	30.95 2.53 0.00	28.54 2.45 -0.01	26.20 2.10 -0.01
ASTORIA___3 23516	25.02 1.92 0.00	23.00 1.70 0.00	21.82 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.48 2.63 0.00	33.10 2.73 -0.01	34.06 3.12 -0.07	36.23 3.46 -0.43	39.62 3.75 -0.44	42.12 3.84 -0.23	38.02 3.08 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
ASTORIA___4 23517	25.03 1.92 0.00	23.06 1.77 0.00	21.83 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.66 2.81 0.00	33.43 3.07 -0.01	34.16 3.21 -0.07	36.13 3.36 -0.43	39.55 3.68 -0.44	42.12 3.84 -0.23	37.99 3.04 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
ASTORIA___5 23518	25.02 1.92 0.00	23.00 1.70 0.00	21.82 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.48 2.63 0.00	33.10 2.73 -0.01	34.06 3.12 -0.07	36.23 3.46 -0.43	39.62 3.75 -0.44	42.12 3.84 -0.23	38.02 3.08 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
AST_ENERGY_2_CC3 323677	24.91 1.80 0.00	22.91 1.62 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.47 1.70 0.00	27.24 2.18 0.00	30.70 2.56 0.00	32.09 2.76 0.00	31.45 2.52 0.00	32.33 2.53 0.00	32.33 2.48 0.00	32.97 2.61 0.00	33.84 2.96 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.88 2.94 0.00	33.48 2.59 0.00	32.87 2.49 0.00	30.73 2.30 0.00	28.33 2.24 0.00	25.93 1.83 0.00
AST_ENERGY_2_CC4 323678	24.91 1.80 0.00	22.91 1.62 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.47 1.70 0.00	27.24 2.18 0.00	30.70 2.56 0.00	32.09 2.76 0.00	31.45 2.52 0.00	32.33 2.53 0.00	32.33 2.48 0.00	32.97 2.61 0.00	33.84 2.96 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.88 2.94 0.00	33.48 2.59 0.00	32.87 2.49 0.00	30.73 2.30 0.00	28.33 2.24 0.00	25.93 1.83 0.00
ATHENS_STG_1 23668	24.08 0.97 0.00	22.21 0.91 0.00	21.12 0.83 0.00	20.02 0.75 0.00	20.02 0.75 0.00	21.36 0.76 0.00	22.71 0.94 0.00	26.17 1.10 0.00	29.46 1.32 0.00	30.68 1.35 0.00	30.18 1.24 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.69 1.33 0.00	32.42 1.54 0.00	34.18 1.71 -0.13	37.44 1.88 -0.14	40.02 1.90 -0.07	36.52 1.57 0.00	32.24 1.36 0.00	31.72 1.34 0.00	29.62 1.19 0.00	27.20 1.12 0.00	24.99 0.89 0.00
ATHENS_STG_2 23670	24.08 0.97 0.00	22.21 0.91 0.00	21.12 0.83 0.00	20.02 0.75 0.00	20.02 0.75 0.00	21.36 0.76 0.00	22.71 0.94 0.00	26.17 1.10 0.00	29.46 1.32 0.00	30.68 1.35 0.00	30.18 1.24 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.69 1.33 0.00	32.42 1.54 0.00	34.18 1.71 -0.13	37.44 1.88 -0.14	40.02 1.90 -0.07	36.52 1.57 0.00	32.24 1.36 0.00	31.72 1.34 0.00	29.62 1.19 0.00	27.20 1.12 0.00	24.99 0.89 0.00

ATHENS_STG_3 23677	24.08 0.97 0.00	22.21 0.91 0.00	21.12 0.83 0.00	20.02 0.75 0.00	20.02 0.75 0.00	21.36 0.76 0.00	22.71 0.94 0.00	26.17 1.10 0.00	29.46 1.32 0.00	30.68 1.35 0.00	30.18 1.24 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.69 1.33 0.00	32.42 1.54 0.00	34.18 1.71 -0.13	37.44 1.88 -0.14	40.02 1.90 -0.07	36.52 1.57 0.00	32.24 1.36 0.00	31.72 1.34 0.00	29.62 1.19 0.00	27.20 1.12 0.00	24.99 0.89 0.00
AUBURN____LFGE 323710	23.73 0.62 0.00	21.82 0.53 0.00	20.71 0.43 0.00	19.66 0.39 0.00	19.66 0.39 0.00	21.05 0.45 0.00	22.34 0.57 0.00	25.77 0.70 0.00	28.82 0.68 0.00	30.09 0.76 0.00	29.77 0.84 0.00	30.60 0.80 0.00	30.60 0.75 0.00	31.00 0.64 0.00	31.61 0.74 0.00	33.15 0.81 0.00	36.17 0.74 0.00	39.04 0.99 0.00	36.00 1.05 0.00	31.81 0.93 0.00	31.26 0.88 0.00	29.28 0.85 0.00	26.79 0.70 0.00	24.92 0.82 0.00
BABYLON_RES_REC 323704	29.20 2.54 -3.55	24.09 2.32 -0.48	24.54 2.11 -2.14	21.85 1.97 -0.61	21.24 1.97 -0.01	22.69 2.08 -0.01	28.38 2.39 -4.21	30.13 2.93 -2.14	33.05 3.38 -1.54	33.16 3.52 -0.31	32.32 3.13 -0.26	32.84 3.04 0.00	32.89 2.98 -0.05	34.14 3.25 -0.53	37.53 3.67 -2.99	38.77 4.04 -2.39	40.46 4.46 -0.58	45.44 4.68 -2.71	39.08 4.05 -0.08	34.66 3.46 -0.31	33.71 3.31 -0.02	32.51 3.07 -1.01	31.02 3.05 -1.89	30.22 2.63 -3.49
BABYLON__69_KV_BK2 356345	29.48 2.82 -3.55	24.39 2.62 -0.48	24.80 2.37 -2.14	22.10 2.22 -0.61	21.49 2.22 0.00	22.93 2.33 0.00	28.64 2.66 -4.21	30.43 3.23 -2.14	33.42 3.74 -1.54	33.54 3.90 -0.31	32.67 3.47 -0.26	33.26 3.46 0.00	33.51 3.61 -0.05	34.87 3.98 -0.53	38.00 4.14 -2.99	39.22 4.50 -2.39	40.93 4.92 -0.58	45.98 5.21 -2.72	39.51 4.54 -0.02	35.13 3.92 -0.32	34.17 3.77 -0.03	32.90 3.47 -1.01	31.39 3.42 -1.89	30.55 2.96 -3.49
BARON_WINDS____WT_PWR 323822	23.78 0.67 0.00	21.82 0.53 0.00	20.47 0.18 0.00	19.44 0.17 0.00	19.48 0.21 0.00	20.91 0.31 0.00	22.27 0.50 0.00	25.52 0.45 0.00	28.17 0.03 0.00	29.42 0.09 0.00	29.22 0.29 0.00	30.19 0.39 0.00	30.45 0.60 0.00	30.82 0.46 0.00	30.87 0.00 -0.32	32.01 -0.39 0.00	35.04 -0.39 0.00	38.17 0.11 0.00	35.68 0.74 0.00	31.81 0.93 0.00	31.05 0.67 0.00	29.16 0.74 0.00	26.74 0.65 0.00	25.26 1.16 0.00
BARRETT_IC_1 23704	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_10 23701	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_11 23702	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_12 23703	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_2 23705	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_3 23706	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_4 23707	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_5 23708	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_6 23709	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_7 23710	28.85 2.20 -3.55	23.81 2.04 -0.48	24.23 1.81 -2.14	21.56 1.68 -0.61	20.97 1.70 0.00	22.37 1.77 0.00	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.68 2.78 -0.05	33.80 2.91 -0.53	36.98 3.12 -2.99	38.12 3.40 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.22 3.25 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.97 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49

BARRETT_IC_8 23711	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT_IC_9 23700	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT___1 23545	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BARRETT___2 23546	28.86 2.20 -3.56	23.80 2.02 -0.48	24.23 1.80 -2.14	21.56 1.68 -0.61	20.97 1.70 -0.01	22.38 1.77 -0.01	28.05 2.07 -4.21	29.73 2.53 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.85 2.66 -0.26	32.45 2.65 0.00	32.38 2.48 -0.05	33.56 2.67 -0.53	36.92 3.06 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.60 3.84 -2.71	38.25 3.28 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.96 2.53 -1.01	30.50 2.53 -1.89	29.78 2.19 -3.49
BATAVIA___115KV_TB1 55881	24.15 1.04 0.00	22.06 0.77 0.00	20.71 0.43 0.00	19.68 0.40 0.00	19.69 0.42 0.00	21.22 0.62 0.00	22.49 0.72 0.00	25.64 0.58 0.00	28.11 -0.03 0.00	29.33 0.00 0.00	29.28 0.35 0.00	30.34 0.54 0.00	30.18 0.33 0.00	30.09 -0.27 0.00	30.59 -0.28 0.00	31.85 -0.49 0.00	34.65 -0.78 0.00	37.86 -0.19 0.00	35.61 0.66 0.00	31.81 0.93 0.00	31.08 0.70 0.00	29.22 0.80 0.00	26.79 0.70 0.00	25.69 1.59 0.00
BAYONEEC___CTG1 323682	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG10 323750	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG2 323683	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG3 323684	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG4 323685	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG5 323686	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG6 323687	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG7 323688	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG8 323689	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
BAYONEEC___CTG9 323749	24.91 1.80 0.00	22.93 1.64 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.06 3.30 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00

BEACON___LESR 323632	23.99 0.88 0.00	22.14 0.85 0.00	21.03 0.75 0.00	19.95 0.67 0.00	19.96 0.69 0.00	21.30 0.70 0.00	22.62 0.85 0.00	26.09 1.03 0.00	29.41 1.27 0.00	30.59 1.26 0.00	30.12 1.19 0.00	31.02 1.22 0.00	31.01 1.16 0.00	31.63 1.27 0.00	32.29 1.42 0.00	33.43 1.55 0.46	36.64 1.70 0.48	39.52 1.71 0.24	36.38 1.43 0.00	32.12 1.24 0.00	31.63 1.25 0.00	29.53 1.11 0.00	27.10 1.02 0.00	24.85 0.75 0.00
BEAVER RIVER___HYD 24048	22.99 -0.11 0.00	21.10 -0.19 0.00	20.04 -0.24 0.00	19.27 0.00 0.00	19.31 0.04 0.00	20.70 0.10 0.00	21.84 0.07 0.00	25.01 -0.05 0.00	28.08 -0.06 0.00	29.21 -0.12 0.00	28.76 -0.17 0.00	29.59 -0.21 0.00	29.58 -0.27 0.00	30.09 -0.27 0.00	30.44 -0.43 0.00	31.89 -0.45 0.00	35.07 -0.35 0.00	37.79 -0.26 0.00	35.09 0.14 0.00	31.07 0.19 0.00	30.65 0.27 0.00	28.68 0.26 0.00	26.24 0.16 0.00	24.22 0.12 0.00
BEEBEE_GT_13 23619	23.78 0.67 0.00	21.78 0.49 0.00	20.55 0.26 0.00	19.50 0.23 0.00	19.50 0.23 0.00	20.93 0.33 0.00	22.21 0.44 0.00	25.42 0.35 0.00	28.11 -0.03 0.00	29.36 0.03 0.00	29.22 0.29 0.00	30.19 0.39 0.00	30.06 0.21 0.00	30.18 -0.18 0.00	30.72 -0.15 0.00	32.05 -0.29 0.00	34.93 -0.50 0.00	37.90 -0.15 0.00	35.33 0.38 0.00	31.44 0.56 0.00	30.81 0.43 0.00	28.91 0.48 0.00	26.50 0.42 0.00	25.07 0.96 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.26 2.15 0.00	23.23 1.94 0.00	21.99 1.70 0.00	20.83 1.56 0.00	20.79 1.52 0.00	22.10 1.50 0.00	23.64 1.87 0.00	27.60 2.53 -0.01	31.13 2.98 -0.01	32.67 3.23 -0.11	34.46 2.98 -2.55	34.29 3.07 -1.42	34.42 3.19 -1.37	35.33 3.46 -1.51	37.20 3.64 -2.68	36.59 3.82 -0.43	40.10 4.18 -0.50	96.91 4.38 -54.48	38.52 3.56 -0.01	35.88 3.15 -1.84	33.72 2.98 -0.37	35.06 2.79 -3.85	37.97 2.71 -9.17	26.33 2.22 -0.01
BETHLEHEM___GRP 23843	23.64 0.53 0.00	21.85 0.55 0.00	20.75 0.47 0.00	19.68 0.40 0.00	19.69 0.42 0.00	20.99 0.39 0.00	22.27 0.50 0.00	25.69 0.63 0.00	28.93 0.79 0.00	30.09 0.76 0.00	29.63 0.69 0.00	30.48 0.69 0.00	30.57 0.72 0.00	31.24 0.88 0.00	31.80 0.93 0.00	32.87 0.97 0.44	36.07 1.10 0.46	38.89 1.07 0.23	35.75 0.80 0.00	31.60 0.71 0.00	31.11 0.73 0.00	29.05 0.63 0.00	26.66 0.57 0.00	24.46 0.36 0.00
BETHLEHEM___GS1 323560	23.64 0.53 0.00	21.82 0.53 0.00	20.75 0.47 0.00	19.68 0.41 0.00	19.69 0.42 0.00	20.99 0.39 0.00	22.27 0.50 0.00	25.69 0.63 0.00	28.93 0.79 0.00	30.09 0.76 0.00	29.63 0.69 0.00	30.49 0.69 0.00	30.48 0.63 0.00	31.09 0.73 0.00	31.77 0.90 0.00	32.90 1.00 0.44	36.07 1.10 0.46	38.89 1.06 0.23	35.75 0.80 0.00	31.60 0.71 0.00	31.11 0.73 0.00	29.05 0.62 0.00	26.66 0.57 0.00	24.46 0.36 0.00
BETHLEHEM___GS2 323561	23.64 0.53 0.00	21.82 0.53 0.00	20.75 0.47 0.00	19.68 0.41 0.00	19.69 0.42 0.00	20.99 0.39 0.00	22.27 0.50 0.00	25.69 0.63 0.00	28.93 0.79 0.00	30.09 0.76 0.00	29.63 0.69 0.00	30.49 0.69 0.00	30.48 0.63 0.00	31.09 0.73 0.00	31.77 0.90 0.00	32.90 1.00 0.44	36.07 1.10 0.46	38.89 1.06 0.23	35.75 0.80 0.00	31.60 0.71 0.00	31.11 0.73 0.00	29.05 0.62 0.00	26.66 0.57 0.00	24.46 0.36 0.00
BETHLEHEM___GS3 323562	23.64 0.53 0.00	21.82 0.53 0.00	20.75 0.47 0.00	19.68 0.41 0.00	19.69 0.42 0.00	20.99 0.39 0.00	22.27 0.50 0.00	25.69 0.63 0.00	28.93 0.79 0.00	30.09 0.76 0.00	29.63 0.69 0.00	30.49 0.69 0.00	30.48 0.63 0.00	31.09 0.73 0.00	31.77 0.90 0.00	32.90 1.00 0.44	36.07 1.10 0.46	38.89 1.06 0.23	35.75 0.80 0.00	31.60 0.71 0.00	31.11 0.73 0.00	29.05 0.62 0.00	26.66 0.57 0.00	24.46 0.36 0.00
BETHLEHEM___STEEL 23779	23.89 0.79 0.00	21.85 0.55 0.00	20.47 0.18 0.00	19.44 0.17 0.00	19.46 0.19 0.00	20.91 0.31 0.00	22.21 0.44 0.00	25.32 0.25 0.00	27.72 -0.42 0.00	28.95 -0.38 0.00	28.90 -0.03 0.00	29.95 0.15 0.00	29.82 -0.03 0.00	29.69 -0.67 0.00	30.29 -0.59 0.00	31.56 -0.78 0.00	34.43 -0.99 0.00	37.52 -0.53 0.00	35.40 0.45 0.00	31.60 0.71 0.00	30.74 0.36 0.00	28.96 0.54 0.00	26.55 0.47 0.00	25.50 1.40 0.00
BETHLHEM_115KV_TB1 79974	23.71 0.60 0.00	21.91 0.62 0.00	20.81 0.53 0.00	19.73 0.46 0.00	19.75 0.48 0.00	21.05 0.45 0.00	22.34 0.57 0.00	25.74 0.68 0.00	29.01 0.87 0.00	30.18 0.85 0.00	29.68 0.75 0.00	30.54 0.74 0.00	30.66 0.81 0.00	31.30 0.94 0.00	31.89 1.02 0.00	32.99 1.07 0.42	36.16 1.17 0.43	39.01 1.18 0.22	35.86 0.91 0.00	31.69 0.80 0.00	31.20 0.82 0.00	29.14 0.71 0.00	26.74 0.65 0.00	24.54 0.43 0.00
BETHPAGE_CC_5 323564	29.08 2.43 -3.55	23.98 2.21 -0.48	24.44 2.01 -2.14	21.75 1.87 -0.61	21.17 1.89 -0.01	22.58 1.98 -0.01	28.27 2.29 -4.21	30.01 2.81 -2.14	32.91 3.23 -1.54	33.04 3.40 -0.31	32.23 3.04 -0.26	32.84 3.04 0.00	32.89 2.98 -0.05	34.11 3.22 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.25 4.25 -0.57	45.21 4.45 -2.71	38.81 3.81 -0.05	34.47 3.27 -0.31	33.59 3.19 -0.02	32.36 2.93 -1.01	30.89 2.92 -1.89	30.10 2.51 -3.49
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.94 0.83 0.00	21.87 0.57 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.46 0.19 0.00	20.93 0.33 0.00	22.25 0.48 0.00	25.37 0.30 0.00	27.77 -0.37 0.00	29.01 -0.32 0.00	28.96 0.03 0.00	30.01 0.21 0.00	29.91 0.06 0.00	29.81 -0.55 0.00	30.38 -0.49 0.00	31.69 -0.65 0.00	34.57 -0.85 0.00	37.67 -0.38 0.00	35.51 0.56 0.00	31.69 0.80 0.00	30.84 0.46 0.00	29.02 0.60 0.00	26.61 0.52 0.00	25.55 1.45 0.00
BINGHAMTON___COGEN 23790	23.69 0.58 0.00	21.76 0.47 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.56 0.29 0.00	20.95 0.35 0.00	22.25 0.48 0.00	25.62 0.55 0.00	28.59 0.45 0.00	29.83 0.50 0.00	29.51 0.58 0.00	30.45 0.66 0.00	30.51 0.66 0.00	30.88 0.52 0.00	31.40 0.52 0.00	32.92 0.58 0.00	36.03 0.60 0.00	38.89 0.84 0.00	35.89 0.94 0.00	31.78 0.90 0.00	31.14 0.76 0.00	29.16 0.74 0.00	26.74 0.65 0.00	24.90 0.80 0.00
BIXINCNT_115KV_LOAD 355685	23.85 0.74 0.00	21.72 0.43 0.00	20.30 0.02 0.00	19.31 0.04 0.00	19.31 0.04 0.00	20.80 0.21 0.00	22.16 0.39 0.00	25.37 0.30 0.00	27.72 -0.42 0.00	28.89 -0.44 0.00	28.82 -0.12 0.00	29.83 0.03 0.00	29.76 -0.09 0.00	29.63 -0.73 0.00	30.19 -0.68 0.00	31.53 -0.81 0.00	34.50 -0.92 0.00	37.56 -0.49 0.00	35.37 0.42 0.00	31.66 0.77 0.00	30.84 0.46 0.00	29.08 0.65 0.00	26.66 0.57 0.00	25.50 1.40 0.00
BLACK RIVER___HYD 24047	23.43 0.32 0.00	21.48 0.19 0.00	20.37 0.08 0.00	19.54 0.27 0.00	19.58 0.31 0.00	21.01 0.41 0.00	22.16 0.39 0.00	25.34 0.28 0.00	28.39 0.25 0.00	29.51 0.18 0.00	29.08 0.15 0.00	29.92 0.12 0.00	29.91 0.06 0.00	30.42 0.06 0.00	30.69 -0.18 0.00	32.15 -0.19 0.00	35.42 0.00 0.00	38.20 0.15 0.00	35.44 0.49 0.00	31.47 0.59 0.00	31.08 0.70 0.00	29.11 0.68 0.00	26.58 0.49 0.00	24.54 0.43 0.00

BLACKRVR_115KV_TB2 79977	23.43 0.32 0.00	21.48 0.19 0.00	20.36 0.08 0.00	19.54 0.27 0.00	19.58 0.31 0.00	21.01 0.41 0.00	22.16 0.39 0.00	25.34 0.28 0.00	28.39 0.25 0.00	29.51 0.18 0.00	29.08 0.14 0.00	29.92 0.12 0.00	29.85 0.00 0.00	30.33 -0.03 0.00	30.69 -0.19 0.00	32.18 -0.16 0.00	35.42 0.00 0.00	38.20 0.15 0.00	35.47 0.52 0.00	31.47 0.59 0.00	31.08 0.70 0.00	29.11 0.68 0.00	26.58 0.50 0.00	24.54 0.43 0.00
BLISS_WT_PWR 323608	23.82 0.72 0.00	21.87 0.58 0.00	20.26 -0.02 0.00	19.27 0.00 0.00	19.25 -0.02 0.00	20.76 0.16 0.00	22.14 0.37 0.00	25.34 0.28 0.00	27.66 -0.48 0.00	28.83 -0.50 0.00	28.73 -0.20 0.00	29.74 -0.06 0.00	30.18 0.33 0.00	30.33 -0.03 0.00	30.22 -0.65 0.00	31.18 -1.16 0.00	34.33 -1.10 0.00	37.40 -0.65 0.00	35.23 0.28 0.00	31.60 0.71 0.00	30.77 0.39 0.00	29.05 0.62 0.00	26.63 0.55 0.00	25.47 1.37 0.00
BLUE_CIRC_CHEM_DRP 24182	23.99 0.88 0.00	22.17 0.87 0.00	21.05 0.77 0.00	19.97 0.69 0.00	19.98 0.71 0.00	21.32 0.72 0.00	22.60 0.83 0.00	26.04 0.98 0.00	29.32 1.18 0.00	30.50 1.17 0.00	30.00 1.07 0.00	30.87 1.07 0.00	30.95 1.10 0.00	31.60 1.24 0.00	32.17 1.30 0.00	33.36 1.33 0.31	36.59 1.49 0.32	39.41 1.52 0.16	36.24 1.29 0.00	32.00 1.11 0.00	31.53 1.15 0.00	29.45 1.02 0.00	27.05 0.97 0.00	24.85 0.75 0.00
BOC_GAS_DRP 24189	23.85 0.74 0.00	22.04 0.75 0.00	20.93 0.65 0.00	19.85 0.58 0.00	19.85 0.58 0.00	21.18 0.58 0.00	22.47 0.70 0.00	25.92 0.85 0.00	29.15 1.01 0.00	30.36 1.03 0.00	29.86 0.93 0.00	30.72 0.92 0.00	30.83 0.99 0.00	31.48 1.12 0.00	32.08 1.20 0.00	33.30 1.26 0.30	36.53 1.42 0.31	39.30 1.41 0.16	36.10 1.15 0.00	31.88 0.99 0.00	31.38 1.00 0.00	29.31 0.88 0.00	26.92 0.83 0.00	24.73 0.63 0.00
BOONVILLE_115KV_TB1 79983	23.50 0.39 0.00	21.59 0.30 0.00	20.51 0.22 0.00	19.58 0.31 0.00	19.62 0.35 0.00	21.03 0.43 0.00	22.23 0.46 0.00	25.57 0.50 0.00	28.76 0.62 0.00	29.89 0.56 0.00	29.54 0.61 0.00	30.48 0.69 0.00	30.45 0.60 0.00	30.97 0.61 0.00	31.34 0.46 0.00	32.79 0.45 0.00	36.03 0.60 0.00	38.74 0.68 0.00	35.65 0.70 0.00	31.50 0.62 0.00	31.05 0.67 0.00	29.05 0.63 0.00	26.61 0.52 0.00	24.56 0.46 0.00
BORALEX_4TH_BRANCH 23824	24.35 1.25 0.00	22.48 1.19 0.00	21.36 1.07 0.00	20.25 0.98 0.00	20.25 0.98 0.00	21.61 1.01 0.00	22.99 1.22 0.00	26.49 1.43 0.00	29.83 1.69 0.00	30.97 1.64 0.00	30.44 1.50 0.00	31.29 1.49 0.00	31.34 1.49 0.00	31.97 1.61 0.00	32.72 1.85 0.00	33.27 1.97 1.04	36.51 2.16 1.08	39.71 2.21 0.54	36.83 1.89 0.00	32.55 1.67 0.00	32.05 1.67 0.00	29.90 1.48 0.00	27.44 1.36 0.00	25.16 1.06 0.00
BOWLINE___1 23526	24.63 1.52 0.00	22.68 1.38 0.00	21.52 1.24 0.00	20.41 1.14 0.00	20.39 1.12 0.00	21.75 1.15 0.00	23.19 1.41 0.00	26.82 1.75 0.00	30.19 2.05 0.00	31.53 2.20 0.00	30.96 2.02 0.00	31.85 2.05 0.00	31.91 2.06 0.00	32.55 2.19 0.00	33.37 2.50 0.00	35.54 2.81 -0.39	38.91 3.08 -0.41	41.41 3.16 -0.20	37.53 2.59 0.00	33.11 2.23 0.00	32.51 2.13 0.00	30.36 1.93 0.00	27.94 1.85 0.00	25.62 1.52 0.00
BOWLINE___2 23595	24.63 1.52 0.00	22.68 1.38 0.00	21.52 1.24 0.00	20.41 1.14 0.00	20.39 1.12 0.00	21.75 1.15 0.00	23.19 1.41 0.00	26.82 1.75 0.00	30.19 2.05 0.00	31.53 2.20 0.00	30.96 2.02 0.00	31.88 2.09 0.00	31.91 2.06 0.00	32.55 2.19 0.00	33.37 2.50 0.00	35.54 2.81 -0.39	38.91 3.08 -0.41	41.41 3.16 -0.20	37.53 2.59 0.00	33.14 2.25 0.00	32.51 2.13 0.00	30.36 1.93 0.00	27.94 1.85 0.00	25.62 1.52 0.00
BRADY___115KV_TB2 356060	22.67 -0.44 0.00	20.84 -0.45 0.00	19.94 -0.34 0.00	18.98 -0.29 0.00	18.98 -0.29 0.00	20.33 -0.27 0.00	21.36 -0.41 0.00	24.49 -0.58 0.00	27.58 -0.56 0.00	28.74 -0.59 0.00	28.35 -0.58 0.00	29.20 -0.60 0.00	29.22 -0.63 0.00	29.63 -0.73 0.00	30.07 -0.80 0.00	31.50 -0.84 0.00	34.61 -0.81 0.00	37.21 -0.84 0.00	34.25 -0.70 0.00	30.24 -0.65 0.00	29.80 -0.58 0.00	27.86 -0.57 0.00	25.51 -0.57 0.00	23.55 -0.55 0.00
BRANSCOMB___SOLAR 323811	24.40 1.29 0.00	22.51 1.21 0.00	21.38 1.09 0.00	20.25 0.98 0.00	20.25 0.98 0.00	21.65 1.05 0.00	22.99 1.22 0.00	26.54 1.48 0.00	29.89 1.75 0.00	31.09 1.76 0.00	30.52 1.59 0.00	31.35 1.55 0.00	31.25 1.40 0.00	31.91 1.55 0.00	32.48 1.60 0.00	33.49 1.71 0.56	36.75 1.91 0.58	39.81 2.05 0.29	36.83 1.89 0.00	32.55 1.67 0.00	32.20 1.82 0.00	30.04 1.62 0.00	27.54 1.46 0.00	25.28 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.31 2.66 -3.55	24.26 2.49 -0.48	24.68 2.25 -2.14	22.00 2.12 -0.61	21.37 2.10 0.00	22.80 2.20 0.00	28.51 2.53 -4.21	30.26 3.06 -2.14	33.22 3.55 -1.54	33.31 3.67 -0.31	32.38 3.18 -0.26	32.87 3.07 0.00	33.16 3.25 -0.05	34.51 3.61 -0.53	37.66 3.80 -2.99	38.84 4.11 -2.39	40.56 4.53 -0.60	45.55 4.76 -2.74	39.13 4.16 -0.02	34.78 3.55 -0.34	33.83 3.40 -0.05	32.56 3.13 -1.01	31.13 3.16 -1.89	30.34 2.75 -3.49
BRISTLHL_115KV_TB1 79998	22.99 -0.12 0.00	21.16 -0.13 0.00	20.10 -0.18 0.00	19.10 -0.17 0.00	19.10 -0.17 0.00	20.43 -0.16 0.00	21.62 -0.15 0.00	24.89 -0.18 0.00	27.83 -0.31 0.00	29.04 -0.29 0.00	28.70 -0.23 0.00	29.65 -0.15 0.00	29.67 -0.18 0.00	30.09 -0.27 0.00	30.53 -0.34 0.00	31.98 -0.36 0.00	35.00 -0.43 0.00	37.67 -0.38 0.00	34.70 -0.24 0.00	30.67 -0.22 0.00	30.17 -0.21 0.00	28.25 -0.17 0.00	25.90 -0.18 0.00	24.05 -0.05 0.00
BROOKHAVEN___DRP 24191	29.13 2.47 -3.55	24.17 2.41 -0.48	24.66 2.23 -2.14	22.02 2.14 -0.61	21.35 2.08 0.00	22.76 2.16 0.00	28.46 2.48 -4.21	30.16 2.96 -2.14	33.08 3.41 -1.54	33.10 3.46 -0.31	32.17 2.98 -0.26	32.69 2.89 0.00	32.98 3.07 -0.05	34.47 3.58 -0.53	37.50 3.64 -2.99	38.71 3.98 -2.39	40.39 4.39 -0.57	45.37 4.60 -2.71	39.09 4.12 -0.02	34.78 3.58 -0.31	33.80 3.40 -0.02	32.53 3.10 -1.01	30.97 3.00 -1.89	30.19 2.60 -3.49
BROOKLYN_NAVY_YARD 23515	24.91 1.80 0.00	22.91 1.62 0.00	21.74 1.46 0.00	20.62 1.35 0.00	20.60 1.33 0.00	21.98 1.38 0.00	23.49 1.72 0.00	27.29 2.23 0.00	30.79 2.64 0.00	32.17 2.84 0.00	31.45 2.52 0.00	32.36 2.56 0.00	32.36 2.51 0.00	33.00 2.64 0.00	33.87 2.99 0.00	36.09 3.33 -0.42	39.48 3.62 -0.44	41.96 3.69 -0.22	37.95 3.01 0.00	33.51 2.62 0.00	32.90 2.52 0.00	30.76 2.33 0.00	28.38 2.30 0.00	25.96 1.86 0.00
BROOKLYN___ARMY_DRP 323595	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01

BROOKVLE_69_KV_TB1 55790	28.92 2.26 -3.55	23.85 2.09 -0.48	24.29 1.87 -2.14	21.62 1.73 -0.61	20.98 1.72 0.00	22.41 1.81 0.00	28.09 2.11 -4.21	29.83 2.63 -2.14	32.75 3.07 -1.54	32.90 3.26 -0.31	32.26 3.07 -0.26	32.93 3.13 0.00	33.15 3.25 -0.05	34.38 3.49 -0.53	37.50 3.64 -2.99	38.51 3.78 -2.39	40.14 4.14 -0.57	45.02 4.26 -2.71	38.60 3.63 -0.02	34.44 3.24 -0.31	33.49 3.10 -0.02	32.31 2.87 -1.01	30.74 2.76 -1.89	29.93 2.34 -3.49
BROOME_2_LFGE 323671	23.69 0.58 0.00	21.80 0.51 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.56 0.29 0.00	20.95 0.35 0.00	22.25 0.48 0.00	25.62 0.55 0.00	28.59 0.45 0.00	29.83 0.50 0.00	29.51 0.58 0.00	30.45 0.65 0.00	30.60 0.75 0.00	31.09 0.73 0.00	31.43 0.56 0.00	32.85 0.52 0.00	35.99 0.57 0.00	38.85 0.80 0.00	35.89 0.94 0.00	31.78 0.90 0.00	31.14 0.76 0.00	29.16 0.74 0.00	26.74 0.65 0.00	24.90 0.79 0.00
BROOME__LFGE 323600	23.69 0.58 0.00	21.80 0.51 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.56 0.29 0.00	20.95 0.35 0.00	22.25 0.48 0.00	25.62 0.55 0.00	28.59 0.45 0.00	29.83 0.50 0.00	29.51 0.58 0.00	30.45 0.65 0.00	30.60 0.75 0.00	31.09 0.73 0.00	31.43 0.56 0.00	32.85 0.52 0.00	35.99 0.57 0.00	38.85 0.80 0.00	35.89 0.94 0.00	31.78 0.90 0.00	31.14 0.76 0.00	29.16 0.74 0.00	26.74 0.65 0.00	24.90 0.79 0.00
BROWNFLS_115KV_TB_3_5 80003	22.53 -0.58 0.00	20.70 -0.60 0.00	19.74 -0.55 0.00	18.91 -0.37 0.00	18.92 -0.35 0.00	20.29 -0.31 0.00	21.36 -0.41 0.00	24.49 -0.58 0.00	27.52 -0.62 0.00	28.68 -0.65 0.00	28.24 -0.69 0.00	29.08 -0.72 0.00	29.04 -0.81 0.00	29.51 -0.85 0.00	29.92 -0.96 0.00	31.34 -1.00 0.00	34.47 -0.96 0.00	37.06 -0.99 0.00	34.32 -0.63 0.00	30.33 -0.56 0.00	29.92 -0.46 0.00	27.97 -0.45 0.00	25.61 -0.47 0.00	23.62 -0.48 0.00
BROWNSV1_27_KV_LOAD 356125	25.16 2.06 0.00	23.19 1.89 0.00	21.95 1.66 0.00	20.81 1.54 0.00	20.79 1.52 0.00	22.18 1.59 0.00	23.69 1.92 0.00	27.55 2.48 0.00	31.04 2.90 0.00	32.44 3.11 0.00	31.80 2.86 0.00	32.72 2.92 0.00	32.86 3.01 0.00	33.64 3.28 0.00	34.30 3.43 0.00	36.38 3.62 -0.42	39.83 3.97 -0.44	42.38 4.11 -0.22	38.34 3.39 0.00	33.85 2.97 0.00	33.24 2.86 0.00	31.07 2.64 0.00	28.67 2.58 0.00	26.20 2.10 0.00
BURROWS__LYONSDAL 23803	23.34 0.23 0.00	21.44 0.15 0.00	20.36 0.08 0.00	19.50 0.23 0.00	19.54 0.27 0.00	20.95 0.35 0.00	22.12 0.35 0.00	25.42 0.35 0.00	28.59 0.45 0.00	29.74 0.41 0.00	29.34 0.41 0.00	30.28 0.48 0.00	30.24 0.39 0.00	30.75 0.39 0.00	31.12 0.25 0.00	32.56 0.23 0.00	35.78 0.35 0.00	38.47 0.42 0.00	35.54 0.59 0.00	31.41 0.53 0.00	30.99 0.61 0.00	28.99 0.57 0.00	26.53 0.44 0.00	24.49 0.39 0.00
CAITHNESS_CC_1 323624	29.13 2.47 -3.55	24.11 2.34 -0.48	24.62 2.19 -2.14	21.96 2.08 -0.61	21.32 2.04 -0.01	22.73 2.12 -0.01	28.42 2.44 -4.21	30.11 2.91 -2.14	33.08 3.40 -1.54	33.07 3.43 -0.31	32.15 2.95 -0.26	32.66 2.86 0.00	32.71 2.80 -0.05	33.99 3.10 -0.53	37.41 3.55 -2.99	38.64 3.91 -2.39	40.32 4.32 -0.57	45.29 4.53 -2.71	39.57 3.98 -0.64	34.69 3.49 -0.31	33.71 3.31 -0.02	32.45 3.01 -1.01	30.92 2.95 -1.89	30.17 2.58 -3.49
CALPINE BETH_PAGE_GT4 24209	29.08 2.43 -3.55	24.00 2.24 -0.48	24.43 2.01 -2.14	21.75 1.87 -0.61	21.14 1.87 0.00	22.56 1.96 0.00	28.24 2.26 -4.21	29.98 2.78 -2.14	32.86 3.18 -1.54	32.98 3.34 -0.31	32.23 3.04 -0.26	32.84 3.04 0.00	33.10 3.19 -0.05	34.35 3.46 -0.53	37.35 3.49 -2.99	38.51 3.78 -2.39	40.14 4.14 -0.57	45.06 4.30 -2.71	38.64 3.67 -0.02	34.38 3.18 -0.31	33.56 3.16 -0.02	32.33 2.90 -1.01	30.89 2.92 -1.89	30.10 2.51 -3.49
CALPINE_BETH_PAGE_GT_4 323586	29.08 2.43 -3.55	23.98 2.21 -0.48	24.44 2.01 -2.14	21.75 1.87 -0.61	21.15 1.87 -0.01	22.56 1.96 -0.01	28.24 2.26 -4.21	29.98 2.78 -2.14	32.86 3.18 -1.54	32.98 3.34 -0.31	32.23 3.04 -0.26	32.84 3.04 0.00	32.89 2.98 -0.05	34.08 3.19 -0.53	37.32 3.46 -2.99	38.54 3.81 -2.39	40.18 4.18 -0.57	45.10 4.34 -2.71	38.70 3.70 -0.05	34.38 3.18 -0.31	33.56 3.16 -0.02	32.34 2.90 -1.01	30.89 2.92 -1.89	30.10 2.51 -3.49
CALPINE_BP_GT1 23823	29.08 2.43 -3.55	23.98 2.21 -0.48	24.44 2.01 -2.14	21.75 1.87 -0.61	21.15 1.87 -0.01	22.56 1.96 -0.01	28.24 2.26 -4.21	29.98 2.78 -2.14	32.86 3.18 -1.54	32.98 3.34 -0.31	32.23 3.04 -0.26	32.84 3.04 0.00	32.89 2.98 -0.05	34.08 3.19 -0.53	37.32 3.46 -2.99	38.54 3.81 -2.39	40.18 4.18 -0.57	45.10 4.34 -2.71	38.70 3.70 -0.05	34.38 3.18 -0.31	33.56 3.16 -0.02	32.34 2.90 -1.01	30.89 2.92 -1.89	30.10 2.51 -3.49
CALSPAN__DRP 24200	23.89 0.79 0.00	21.85 0.55 0.00	20.47 0.18 0.00	19.44 0.17 0.00	19.46 0.19 0.00	20.91 0.31 0.00	22.21 0.44 0.00	25.32 0.25 0.00	27.72 -0.42 0.00	28.95 -0.38 0.00	28.90 -0.03 0.00	29.95 0.15 0.00	29.82 -0.03 0.00	29.69 -0.67 0.00	30.29 -0.59 0.00	31.56 -0.78 0.00	34.43 -0.99 0.00	37.52 -0.53 0.00	35.40 0.45 0.00	31.60 0.71 0.00	30.74 0.36 0.00	28.96 0.54 0.00	26.55 0.47 0.00	25.50 1.40 0.00
CALVERTON__SOLAR 323806	29.22 2.56 -3.55	24.22 2.45 -0.48	24.74 2.31 -2.14	22.10 2.22 -0.61	21.44 2.16 -0.01	22.85 2.25 -0.01	28.55 2.57 -4.21	30.26 3.06 -2.14	33.25 3.57 -1.54	33.19 3.55 -0.31	32.29 3.10 -0.26	32.81 3.01 0.00	32.89 2.98 -0.05	34.17 3.28 -0.53	37.60 3.73 -2.99	38.87 4.14 -2.39	40.57 4.57 -0.57	45.56 4.79 -2.71	39.86 4.26 -0.65	34.97 3.77 -0.31	33.98 3.58 -0.02	32.67 3.24 -1.01	31.07 3.10 -1.89	30.29 2.70 -3.49
CANDIGU_WT_PWR 323617	23.78 0.67 0.00	21.82 0.53 0.00	20.47 0.18 0.00	19.44 0.17 0.00	19.48 0.21 0.00	20.91 0.31 0.00	22.27 0.50 0.00	25.52 0.45 0.00	28.17 0.03 0.00	29.42 0.09 0.00	29.22 0.29 0.00	30.19 0.39 0.00	30.45 0.60 0.00	30.82 0.46 0.00	30.87 0.00 0.00	32.01 -0.32 0.00	35.04 -0.39 0.00	38.17 0.11 0.00	35.68 0.74 0.00	31.81 0.93 0.00	31.05 0.67 0.00	29.16 0.74 0.00	26.74 0.65 0.00	25.26 1.16 0.00
CARR STREET_E_SYR 24060	23.13 0.02 0.00	21.31 0.02 0.00	20.20 -0.08 0.00	19.21 -0.06 0.00	19.21 -0.06 0.00	20.54 -0.06 0.00	21.77 0.00 0.00	25.04 -0.03 0.00	28.03 -0.11 0.00	29.24 -0.09 0.00	28.93 0.00 0.00	29.86 0.06 0.00	29.97 0.12 0.00	30.39 0.03 0.00	30.66 -0.21 0.00	32.05 -0.29 0.00	35.07 -0.35 0.00	37.75 -0.31 0.00	34.77 -0.17 0.00	30.76 -0.12 0.00	30.23 -0.15 0.00	28.37 -0.06 0.00	26.06 -0.03 0.00	24.22 0.12 0.00
CARTHAGE__PAPER 23857	23.15 0.05 0.00	21.25 -0.04 0.00	20.18 -0.10 0.00	19.37 0.10 0.00	19.41 0.14 0.00	20.83 0.23 0.00	21.97 0.20 0.00	25.11 0.05 0.00	28.17 0.03 0.00	29.30 -0.03 0.00	28.82 -0.12 0.00	29.65 -0.15 0.00	29.64 -0.21 0.00	30.12 -0.24 0.00	30.47 -0.40 0.00	31.92 -0.42 0.00	35.18 -0.25 0.00	37.90 -0.15 0.00	35.19 0.25 0.00	31.23 0.34 0.00	30.84 0.46 0.00	28.85 0.43 0.00	26.37 0.29 0.00	24.32 0.22 0.00

CASSADAGA_WT_PWR 323784	23.89 0.79 0.00	22.21 0.91 0.00	20.51 0.22 0.00	19.46 0.19 0.00	19.62 0.35 0.00	21.13 0.53 0.00	22.55 0.78 0.00	25.89 0.83 0.00	28.39 0.25 0.00	29.62 0.29 0.00	29.57 0.64 0.00	30.43 0.63 0.00	30.80 0.95 0.00	30.84 0.48 0.00	30.66 -0.21 0.00	31.56 -0.78 0.00	34.68 -0.75 0.00	37.86 -0.19 0.00	35.79 0.84 0.00	32.18 1.30 0.00	31.44 1.06 0.00	29.73 1.31 0.00	27.23 1.15 0.00	26.08 1.98 0.00
CE_DUNWOOD___DRP 24194	24.79 1.69 0.00	22.85 1.55 0.00	21.66 1.38 0.00	20.54 1.27 0.00	20.52 1.25 0.00	21.90 1.30 0.00	23.36 1.59 0.00	27.04 1.98 0.00	30.48 2.34 0.00	31.82 2.49 0.00	31.25 2.31 0.00	32.15 2.35 0.00	32.33 2.48 0.00	33.06 2.70 0.00	33.71 2.84 0.00	35.77 3.01 -0.42	39.19 3.33 -0.44	41.70 3.42 -0.22	37.78 2.83 0.00	33.36 2.47 0.00	32.75 2.37 0.00	30.58 2.16 0.00	28.14 2.06 0.00	25.79 1.69 0.00
CE_MILLWOOD___DRP 24193	24.72 1.62 0.00	22.80 1.51 0.00	21.60 1.32 0.00	20.50 1.23 0.00	20.48 1.21 0.00	21.86 1.26 0.00	23.29 1.52 0.00	26.97 1.90 0.00	30.39 2.25 0.00	31.71 2.38 0.00	31.16 2.23 0.00	32.06 2.26 0.00	32.24 2.39 0.00	32.97 2.61 0.00	33.59 2.72 0.00	35.67 2.91 -0.42	39.08 3.22 -0.44	41.58 3.31 -0.22	37.67 2.73 0.00	33.27 2.38 0.00	32.66 2.28 0.00	30.50 2.07 0.00	28.07 1.98 0.00	25.72 1.61 0.00
CE_NYC2_DRP 24202	25.03 1.92 0.00	23.06 1.77 0.00	21.85 1.56 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.27 2.93 -0.01	31.63 2.69 -0.01	32.51 2.71 0.00	32.68 2.84 0.00	33.46 3.10 -0.01	34.19 3.24 -0.07	36.17 3.40 -0.43	39.58 3.72 -0.44	42.12 3.84 -0.23	38.02 3.08 0.00	33.60 2.72 0.00	32.99 2.61 0.00	30.90 2.47 0.00	28.52 2.43 -0.01	26.05 1.95 0.00
CE_NYC_DRP 24195	24.96 1.85 0.00	23.00 1.70 0.00	21.78 1.50 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.04 1.44 0.00	23.51 1.74 0.00	27.32 2.26 0.00	30.79 2.65 0.00	32.17 2.85 0.00	31.51 2.57 0.00	32.42 2.62 0.00	32.60 2.75 0.00	33.37 3.01 0.00	34.02 3.15 0.00	36.06 3.30 -0.42	39.48 3.61 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.98 1.88 0.00
CHAFFEE___LFGE 323603	23.94 0.83 0.00	22.06 0.77 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.46 0.19 0.00	20.91 0.31 0.00	22.25 0.48 0.00	25.37 0.30 0.00	27.80 -0.34 0.00	29.01 -0.32 0.00	28.99 0.06 0.00	30.04 0.24 0.00	30.54 0.69 0.00	30.82 0.46 0.00	30.62 -0.25 0.00	31.53 -0.81 0.00	34.54 -0.88 0.00	37.67 -0.38 0.00	35.58 0.63 0.00	31.75 0.86 0.00	30.86 0.48 0.00	29.05 0.62 0.00	26.61 0.52 0.00	25.55 1.45 0.00
CHATEAUG_35_KV_LOAD 355732	22.69 -0.42 0.00	20.84 -0.45 0.00	19.96 -0.32 0.00	19.02 -0.25 0.00	19.08 -0.19 0.00	20.41 -0.19 0.00	21.49 -0.28 0.00	24.66 -0.40 0.00	27.69 -0.45 0.00	28.89 -0.44 0.00	28.56 -0.38 0.00	29.44 -0.36 0.00	29.49 -0.36 0.00	29.90 -0.46 0.00	30.44 -0.43 0.00	31.89 -0.45 0.00	35.07 -0.35 0.00	37.71 -0.34 0.00	34.77 -0.17 0.00	30.67 -0.22 0.00	30.23 -0.15 0.00	28.23 -0.20 0.00	25.82 -0.26 0.00	23.81 -0.29 0.00
CHATEAUG_WT_PWR 323614	22.71 -0.39 0.00	20.87 -0.43 0.00	19.96 -0.33 0.00	19.04 -0.23 0.00	19.10 -0.17 0.00	20.41 -0.19 0.00	21.49 -0.28 0.00	24.69 -0.38 0.00	27.69 -0.45 0.00	28.92 -0.41 0.00	28.59 -0.35 0.00	29.47 -0.33 0.00	29.49 -0.36 0.00	29.84 -0.52 0.00	30.47 -0.40 0.00	31.92 -0.42 0.00	35.11 -0.81 0.00	37.71 -0.88 0.00	34.77 -0.34 0.00	30.67 -0.21 0.00	30.23 -0.15 0.00	28.25 -0.17 0.00	25.82 -0.26 0.00	23.84 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	22.69 -0.42 0.00	20.84 -0.45 0.00	19.96 -0.33 0.00	19.02 -0.25 0.00	19.08 -0.19 0.00	20.41 -0.19 0.00	21.49 -0.28 0.00	24.66 -0.40 0.00	27.69 -0.45 0.00	28.89 -0.44 0.00	28.56 -0.38 0.00	29.44 -0.36 0.00	29.49 -0.36 0.00	29.81 -0.55 0.00	30.41 -0.46 0.00	31.89 -0.45 0.00	35.07 -0.35 0.00	37.71 -0.34 0.00	34.77 -0.17 0.00	30.67 -0.21 0.00	30.23 -0.15 0.00	28.23 -0.20 0.00	25.82 -0.26 0.00	23.81 -0.29 0.00
CHAUTAUQUA___LFGE 323629	24.01 0.90 0.00	22.21 0.91 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.62 0.35 0.00	21.11 0.52 0.00	22.49 0.72 0.00	25.74 0.68 0.00	28.23 0.08 0.00	29.45 0.12 0.00	29.39 0.46 0.00	30.34 0.54 0.00	30.78 0.93 0.00	30.97 0.61 0.00	30.81 -0.06 0.00	31.72 -0.62 0.00	34.82 -0.60 0.00	37.98 -0.08 0.00	35.86 0.91 0.00	32.12 1.24 0.00	31.29 0.91 0.00	29.50 1.08 0.00	27.05 0.97 0.00	25.91 1.81 0.00
CHERRYST_13_KV_LD 356241	25.03 1.92 0.00	23.08 1.79 0.00	21.85 1.56 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.10 1.50 0.00	23.60 1.83 0.00	27.42 2.36 0.00	30.93 2.79 0.00	32.32 2.99 0.00	31.65 2.72 0.00	32.57 2.77 0.00	32.74 2.90 0.00	33.52 3.16 0.00	34.15 3.27 0.00	36.22 3.46 -0.42	39.66 3.79 -0.44	42.15 3.88 -0.22	38.13 3.18 0.00	33.67 2.78 0.00	33.02 2.64 0.00	30.87 2.44 0.00	28.48 2.40 0.00	26.08 1.98 0.00
CHESTROR_138KV_BK263 355645	24.45 1.34 0.00	22.53 1.23 0.00	21.36 1.08 0.00	20.27 1.00 0.00	20.23 0.96 0.00	21.61 1.01 0.00	22.99 1.22 0.00	26.52 1.45 0.00	29.86 1.72 0.00	31.12 1.79 0.00	30.58 1.65 0.00	31.50 1.70 0.00	31.67 1.82 0.00	32.36 2.00 0.00	32.97 2.10 0.00	34.98 2.30 -0.35	38.33 2.55 -0.36	40.86 2.63 -0.18	37.12 2.17 0.00	32.77 1.88 0.00	32.20 1.82 0.00	30.07 1.65 0.00	27.65 1.57 0.00	25.40 1.30 0.00
CH_MIDHUDSON___DRP 24192	24.66 1.55 0.00	22.74 1.45 0.00	21.56 1.28 0.00	20.45 1.18 0.00	20.39 1.12 0.00	21.77 1.17 0.00	23.16 1.39 0.00	26.72 1.65 0.00	30.08 1.94 0.00	31.35 2.02 0.00	30.81 1.88 0.00	31.71 1.91 0.00	31.85 2.00 0.00	32.61 2.25 0.00	33.22 2.35 0.00	35.18 2.55 -0.28	38.55 2.83 -0.29	41.09 2.89 -0.15	37.32 2.38 0.00	32.96 2.07 0.00	32.42 2.04 0.00	30.27 1.85 0.00	27.83 1.75 0.00	25.55 1.45 0.00
CH_MISC_IPPS 23765	24.82 1.71 0.00	22.85 1.55 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.46 1.20 0.00	21.86 1.26 0.00	23.27 1.50 0.00	26.79 1.73 0.00	30.17 2.03 0.00	31.44 2.11 0.00	30.87 1.94 0.00	31.80 2.00 0.00	31.82 1.97 0.00	32.48 2.12 0.00	33.31 2.44 0.00	35.40 2.75 -0.32	38.80 3.05 -0.33	41.34 3.12 -0.17	37.50 2.55 0.00	33.08 2.19 0.00	32.57 2.19 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.67 1.57 0.00
CH_RES_BVR_FALLS 23983	22.74 -0.37 0.00	20.93 -0.36 0.00	20.00 -0.28 0.00	19.02 -0.25 0.00	19.02 -0.25 0.00	20.33 -0.27 0.00	21.42 -0.35 0.00	24.64 -0.43 0.00	27.69 -0.45 0.00	28.86 -0.47 0.00	28.47 -0.46 0.00	29.32 -0.48 0.00	29.37 -0.48 0.00	29.84 -0.52 0.00	30.35 -0.53 0.00	31.79 -0.55 0.00	34.86 -0.57 0.00	37.44 -0.61 0.00	34.39 -0.56 0.00	30.39 -0.50 0.00	29.89 -0.49 0.00	27.97 -0.46 0.00	25.64 -0.44 0.00	23.69 -0.41 0.00

CH_RES_NIAGARA 23895	23.36 0.25 0.00	21.38 0.09 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.43 -0.17 0.00	21.55 -0.22 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	29.25 -0.60 0.00	29.57 -0.79 0.00	29.24 -1.64 0.00	30.01 -2.33 0.00	32.77 -2.66 0.00	35.81 -2.25 0.00	33.90 -1.05 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.62 -0.47 0.00	24.70 0.60 0.00
CH_RES_SYRACUSE 23985	23.27 0.16 0.00	21.42 0.13 0.00	20.32 0.04 0.00	19.31 0.04 0.00	19.31 0.04 0.00	20.66 0.06 0.00	21.88 0.11 0.00	25.22 0.15 0.00	28.20 0.06 0.00	29.45 0.12 0.00	29.11 0.17 0.00	30.07 0.27 0.00	30.21 0.36 0.00	30.69 0.33 0.00	30.97 0.09 0.00	32.40 0.06 0.00	35.42 0.00 0.00	38.17 0.11 0.00	35.16 0.21 0.00	31.10 0.22 0.00	30.53 0.15 0.00	28.62 0.20 0.00	26.24 0.16 0.00	24.37 0.27 0.00
CLINTON_WT_PWR 323605	22.71 -0.39 0.00	20.87 -0.43 0.00	19.96 -0.33 0.00	19.04 -0.23 0.00	19.10 -0.17 0.00	20.41 -0.19 0.00	21.49 -0.28 0.00	24.69 -0.38 0.00	27.69 -0.45 0.00	28.92 -0.41 0.00	28.59 -0.35 0.00	29.47 -0.33 0.00	29.49 -0.36 0.00	29.84 -0.52 0.00	30.47 -0.40 0.00	31.92 -0.42 0.00	35.11 -0.32 0.00	37.71 -0.34 0.00	34.77 -0.17 0.00	30.67 -0.21 0.00	30.23 -0.15 0.00	28.25 -0.17 0.00	25.82 -0.26 0.00	23.84 -0.26 0.00
CLINTON____LFGE 323618	22.95 -0.16 0.00	21.06 -0.23 0.00	20.14 -0.14 0.00	19.19 -0.08 0.00	19.25 -0.02 0.00	20.60 0.00 0.00	21.71 -0.07 0.00	24.92 -0.15 0.00	27.97 -0.17 0.00	29.18 -0.15 0.00	28.85 -0.09 0.00	29.74 -0.06 0.00	29.79 -0.06 0.00	30.09 -0.27 0.00	30.69 -0.18 0.00	32.18 -0.16 0.00	35.42 0.00 0.00	38.09 0.04 0.00	35.16 0.21 0.00	30.98 0.09 0.00	30.56 0.18 0.00	28.54 0.11 0.00	26.08 0.00 0.00	24.05 -0.05 0.00
COBBLENY_34_KV_TB1 80064	23.94 0.83 0.00	21.87 0.57 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.46 0.19 0.00	20.93 0.33 0.00	22.23 0.46 0.00	25.37 0.30 0.00	27.80 -0.34 0.00	29.01 -0.32 0.00	28.99 0.06 0.00	30.04 0.24 0.00	29.97 0.12 0.00	29.84 -0.52 0.00	30.44 -0.43 0.00	31.76 -0.58 0.00	34.65 -0.78 0.00	37.75 -0.30 0.00	35.58 0.63 0.00	31.75 0.86 0.00	30.87 0.49 0.00	29.05 0.63 0.00	26.61 0.52 0.00	25.55 1.45 0.00
COFFEEN__115KV_TB3 355620	23.64 0.53 0.00	21.65 0.36 0.00	20.53 0.24 0.00	19.70 0.42 0.00	19.73 0.46 0.00	21.20 0.60 0.00	22.36 0.59 0.00	25.52 0.45 0.00	28.59 0.45 0.00	29.71 0.38 0.00	29.25 0.32 0.00	30.13 0.33 0.00	30.03 0.18 0.00	30.51 0.15 0.00	30.84 -0.03 0.00	32.34 0.00 0.00	35.64 0.21 0.00	38.47 0.42 0.00	35.72 0.77 0.00	31.72 0.83 0.00	31.35 0.97 0.00	29.33 0.91 0.00	26.79 0.70 0.00	24.73 0.63 0.00
COLDSPRG_115KV_BK1 355956	24.24 1.13 0.00	22.23 0.94 0.00	20.75 0.47 0.00	19.70 0.42 0.00	19.77 0.50 0.00	21.30 0.70 0.00	22.73 0.96 0.00	26.09 1.03 0.00	28.65 0.51 0.00	29.86 0.53 0.00	29.86 0.93 0.00	30.75 0.95 0.00	30.68 0.84 0.00	30.51 0.15 0.00	31.09 0.22 0.00	32.47 0.13 0.00	35.50 0.07 0.00	38.66 0.61 0.00	36.42 1.47 0.00	32.62 1.73 0.00	31.75 1.37 0.00	29.96 1.53 0.00	27.39 1.30 0.00	26.17 2.07 0.00
COLONIE_LFGE____ 323577	24.15 1.04 0.00	22.29 1.00 0.00	21.18 0.89 0.00	20.08 0.81 0.00	20.08 0.81 0.00	21.44 0.84 0.00	22.77 1.00 0.00	26.27 1.20 0.00	29.55 1.41 0.00	30.74 1.41 0.00	30.24 1.30 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.69 1.33 0.00	32.39 1.51 0.00	33.34 1.65 0.65	36.56 1.81 0.67	39.54 1.83 0.34	36.52 1.57 0.00	32.28 1.39 0.00	31.81 1.43 0.00	29.67 1.25 0.00	27.23 1.15 0.00	24.99 0.89 0.00
COOPERNY_115KV_TB1 80082	24.12 1.02 0.00	22.23 0.94 0.00	21.10 0.81 0.00	20.02 0.75 0.00	20.00 0.73 0.00	21.36 0.76 0.00	22.71 0.94 0.00	26.19 1.13 0.00	29.46 1.32 0.00	30.74 1.41 0.00	30.23 1.30 0.00	31.14 1.34 0.00	31.25 1.40 0.00	31.91 1.55 0.00	32.51 1.64 0.00	34.29 1.75 -0.20	37.58 1.95 -0.21	40.17 2.02 -0.11	36.66 1.71 0.00	32.37 1.48 0.00	31.81 1.43 0.00	29.70 1.28 0.00	27.31 1.23 0.00	25.14 1.04 0.00
COPENHAGEN_WT_PWR 323753	23.39 0.28 0.00	21.44 0.15 0.00	20.34 0.06 0.00	19.48 0.21 0.00	19.52 0.25 0.00	20.95 0.35 0.00	22.12 0.35 0.00	25.29 0.23 0.00	28.34 0.20 0.00	29.48 0.15 0.00	29.02 0.09 0.00	29.86 0.06 0.00	29.88 0.03 0.00	30.39 0.03 0.00	30.66 -0.21 0.00	32.11 -0.22 0.00	35.35 -0.07 0.00	38.13 0.08 0.00	35.37 0.42 0.00	31.38 0.49 0.00	30.99 0.61 0.00	28.99 0.57 0.00	26.48 0.39 0.00	24.46 0.36 0.00
CORNELL____ 23752	23.89 0.79 0.00	21.93 0.64 0.00	20.79 0.51 0.00	19.75 0.48 0.00	19.75 0.48 0.00	21.15 0.56 0.00	22.47 0.70 0.00	25.89 0.83 0.00	28.87 0.73 0.00	30.06 0.73 0.00	29.74 0.81 0.00	30.72 0.92 0.00	30.71 0.87 0.00	31.15 0.79 0.00	31.58 0.71 0.00	33.11 0.78 0.00	36.24 0.81 0.00	39.15 1.10 0.00	36.17 1.22 0.00	32.06 1.17 0.00	31.47 1.09 0.00	29.45 1.02 0.00	26.97 0.89 0.00	25.07 0.96 0.00
CORONA_AV_69_KV_TB1 355595	28.97 2.31 -3.55	23.92 2.15 -0.48	24.33 1.91 -2.14	21.66 1.77 -0.61	21.04 1.77 0.00	22.45 1.85 0.00	28.14 2.16 -4.21	29.83 2.63 -2.14	32.72 3.04 -1.54	32.84 3.20 -0.31	32.14 2.95 -0.26	32.78 2.98 0.00	33.01 3.10 -0.05	34.20 3.31 -0.53	37.35 3.49 -2.99	38.48 3.75 -2.39	40.14 4.14 -0.57	45.10 4.34 -2.71	38.64 3.67 -0.02	34.38 3.18 -0.31	33.43 3.04 -0.02	32.25 2.81 -1.01	30.71 2.74 -1.89	29.93 2.34 -3.49
CORTLAND_115KV_TB3 80093	23.64 0.53 0.00	21.74 0.45 0.00	20.61 0.32 0.00	19.58 0.31 0.00	19.58 0.31 0.00	20.97 0.37 0.00	22.25 0.48 0.00	25.62 0.55 0.00	28.65 0.51 0.00	29.86 0.53 0.00	29.54 0.61 0.00	30.48 0.69 0.00	30.51 0.66 0.00	30.94 0.58 0.00	31.40 0.52 0.00	32.89 0.55 0.00	36.03 0.60 0.00	38.85 0.80 0.00	35.82 0.87 0.00	31.69 0.80 0.00	31.11 0.73 0.00	29.11 0.68 0.00	26.68 0.60 0.00	24.78 0.67 0.00
COXSACKIE____GT 23611	24.75 1.64 0.00	22.80 1.51 0.00	21.68 1.40 0.00	20.54 1.27 0.00	20.37 1.10 0.00	21.73 1.13 0.00	23.10 1.33 0.00	26.37 1.30 0.00	29.66 1.52 0.00	30.77 1.44 0.00	30.15 1.21 0.00	30.96 1.16 0.00	30.92 1.07 0.00	31.58 1.22 0.00	32.42 1.54 0.00	34.02 1.91 0.22	37.43 2.23 0.23	40.30 2.36 0.12	36.76 1.82 0.00	32.49 1.61 0.00	32.30 1.92 0.00	30.16 1.73 0.00	27.62 1.54 0.00	25.35 1.25 0.00
CPV_VALLEY__CC1 323721	24.26 1.15 0.00	22.34 1.04 0.00	21.20 0.91 0.00	20.12 0.85 0.00	20.10 0.83 0.00	21.44 0.84 0.00	22.84 1.07 0.00	26.34 1.28 0.00	29.66 1.52 0.00	30.91 1.58 0.00	30.41 1.47 0.00	31.29 1.49 0.00	31.34 1.49 0.00	31.97 1.61 0.00	32.72 1.85 0.00	34.71 2.07 -0.30	38.03 2.30 -0.31	40.53 2.32 -0.16	36.83 1.89 0.00	32.52 1.64 0.00	31.96 1.58 0.00	29.85 1.42 0.00	27.44 1.36 0.00	25.23 1.13 0.00

CPV_VALLEY___CC2 323722	24.26 1.15 0.00	22.34 1.04 0.00	21.20 0.91 0.00	20.12 0.85 0.00	20.10 0.83 0.00	21.44 0.84 0.00	22.84 1.07 0.00	26.34 1.28 0.00	29.66 1.52 0.00	30.91 1.58 0.00	30.41 1.47 0.00	31.29 1.49 0.00	31.34 1.49 0.00	31.97 1.61 0.00	32.72 1.85 0.00	34.71 2.07 -0.30	38.03 2.30 -0.31	40.53 2.32 -0.16	36.83 1.89 0.00	32.52 1.64 0.00	31.96 1.58 0.00	29.85 1.42 0.00	27.44 1.36 0.00	25.23 1.13 0.00
CRESCENT___HYD 24018	24.15 1.04 0.00	22.29 1.00 0.00	21.18 0.89 0.00	20.08 0.81 0.00	20.08 0.81 0.00	21.44 0.84 0.00	22.77 1.00 0.00	26.27 1.20 0.00	29.55 1.41 0.00	30.74 1.41 0.00	30.24 1.30 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.69 1.33 0.00	32.39 1.51 0.00	33.34 1.65 0.65	36.56 1.81 0.67	39.54 1.83 0.34	36.52 1.57 0.00	32.28 1.39 0.00	31.81 1.43 0.00	29.67 1.25 0.00	27.23 1.15 0.00	24.99 0.89 0.00
CRICKET___VALLEY_CC1 323756	24.33 1.22 0.00	22.46 1.17 0.00	21.34 1.05 0.00	20.23 0.96 0.00	20.21 0.94 0.00	21.57 0.97 0.00	22.97 1.20 0.00	26.47 1.40 0.00	29.80 1.66 0.00	31.03 1.70 0.00	30.46 1.53 0.00	31.32 1.52 0.00	31.37 1.52 0.00	32.00 1.64 0.00	32.82 1.95 0.00	28.09 2.17 6.42	31.09 2.34 6.67	37.05 2.36 3.36	36.87 1.92 0.00	32.55 1.67 0.00	31.99 1.61 0.00	29.87 1.45 0.00	27.47 1.38 0.00	25.16 1.06 0.00
CRICKET___VALLEY_CC2 323757	24.33 1.22 0.00	22.46 1.17 0.00	21.34 1.05 0.00	20.23 0.96 0.00	20.21 0.94 0.00	21.57 0.97 0.00	22.97 1.20 0.00	26.47 1.40 0.00	29.80 1.66 0.00	31.03 1.70 0.00	30.46 1.53 0.00	31.32 1.52 0.00	31.37 1.52 0.00	32.00 1.64 0.00	32.82 1.95 0.00	28.09 2.17 6.42	31.09 2.34 6.67	37.05 2.36 3.36	36.87 1.92 0.00	32.55 1.67 0.00	31.99 1.61 0.00	29.87 1.45 0.00	27.47 1.38 0.00	25.16 1.06 0.00
CRICKET___VALLEY_CC3 323758	24.33 1.22 0.00	22.46 1.17 0.00	21.34 1.05 0.00	20.23 0.96 0.00	20.21 0.94 0.00	21.57 0.97 0.00	22.97 1.20 0.00	26.47 1.40 0.00	29.80 1.66 0.00	31.03 1.70 0.00	30.46 1.53 0.00	31.32 1.52 0.00	31.37 1.52 0.00	32.00 1.64 0.00	32.82 1.95 0.00	28.09 2.17 6.42	31.09 2.34 6.67	37.05 2.36 3.36	36.87 1.92 0.00	32.55 1.67 0.00	31.99 1.61 0.00	29.87 1.45 0.00	27.47 1.38 0.00	25.16 1.06 0.00
CRUCIBLE_METL_DRP 24180	23.27 0.16 0.00	21.40 0.11 0.00	20.32 0.04 0.00	19.31 0.04 0.00	19.31 0.04 0.00	20.66 0.06 0.00	21.88 0.11 0.00	25.21 0.15 0.00	28.20 0.06 0.00	29.45 0.12 0.00	29.11 0.17 0.00	30.07 0.27 0.00	30.12 0.27 0.00	30.54 0.18 0.00	30.93 0.06 0.00	32.44 0.10 0.00	35.46 0.04 0.00	38.20 0.15 0.00	35.16 0.21 0.00	31.10 0.22 0.00	30.53 0.15 0.00	28.62 0.20 0.00	26.24 0.16 0.00	24.37 0.27 0.00
DAHOWA___HYDRO 323763	24.42 1.32 0.00	22.53 1.23 0.00	21.40 1.11 0.00	20.27 1.00 0.00	20.27 1.00 0.00	21.67 1.07 0.00	23.03 1.26 0.00	26.59 1.53 0.00	29.94 1.80 0.00	31.18 1.85 0.00	30.55 1.62 0.00	31.44 1.64 0.00	31.31 1.46 0.00	31.91 1.55 0.00	32.48 1.60 0.00	33.51 1.71 0.54	36.81 1.95 0.56	39.82 2.05 0.28	36.87 1.92 0.00	32.58 1.70 0.00	32.30 1.92 0.00	30.10 1.68 0.00	27.60 1.51 0.00	25.31 1.20 0.00
DANC___LFGE 323619	23.20 0.09 0.00	21.31 0.02 0.00	20.22 -0.06 0.00	19.31 0.04 0.00	19.35 0.08 0.00	20.72 0.12 0.00	21.90 0.13 0.00	25.09 0.03 0.00	28.11 -0.03 0.00	29.27 -0.06 0.00	28.85 -0.09 0.00	29.71 -0.09 0.00	29.73 -0.12 0.00	30.24 -0.12 0.00	30.56 -0.31 0.00	31.98 -0.36 0.00	35.18 -0.25 0.00	37.86 -0.19 0.00	35.02 0.07 0.00	31.04 0.16 0.00	30.59 0.21 0.00	28.65 0.23 0.00	26.19 0.10 0.00	24.25 0.15 0.00
DANSKAMMER___1 23586	24.82 1.71 0.00	22.85 1.55 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.46 1.20 0.00	21.86 1.26 0.00	23.27 1.50 0.00	26.79 1.73 0.00	30.17 2.03 0.00	31.44 2.11 0.00	30.87 1.94 0.00	31.80 2.00 0.00	31.82 1.97 0.00	32.48 2.12 0.00	33.31 2.44 0.00	35.40 2.75 -0.32	38.80 3.05 -0.33	41.34 3.12 -0.17	37.50 2.55 0.00	33.08 2.19 0.00	32.57 2.19 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.67 1.57 0.00
DANSKAMMER___2 23589	24.82 1.71 0.00	22.85 1.55 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.46 1.20 0.00	21.86 1.26 0.00	23.27 1.50 0.00	26.79 1.73 0.00	30.17 2.03 0.00	31.44 2.11 0.00	30.87 1.94 0.00	31.80 2.00 0.00	31.82 1.97 0.00	32.48 2.12 0.00	33.31 2.44 0.00	35.40 2.75 -0.32	38.80 3.05 -0.33	41.34 3.12 -0.17	37.50 2.55 0.00	33.08 2.19 0.00	32.57 2.19 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.67 1.57 0.00
DANSKAMMER___3 23590	24.82 1.71 0.00	22.85 1.55 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.46 1.20 0.00	21.86 1.26 0.00	23.27 1.50 0.00	26.79 1.73 0.00	30.17 2.03 0.00	31.44 2.11 0.00	30.87 1.94 0.00	31.80 2.00 0.00	31.82 1.97 0.00	32.48 2.12 0.00	33.31 2.44 0.00	35.40 2.75 -0.32	38.80 3.05 -0.33	41.34 3.12 -0.17	37.50 2.55 0.00	33.08 2.19 0.00	32.57 2.19 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.67 1.57 0.00
DANSKAMMER___4 23591	24.82 1.71 0.00	22.85 1.55 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.46 1.20 0.00	21.86 1.26 0.00	23.27 1.50 0.00	26.79 1.73 0.00	30.17 2.03 0.00	31.44 2.11 0.00	30.87 1.94 0.00	31.80 2.00 0.00	31.82 1.97 0.00	32.48 2.12 0.00	33.31 2.44 0.00	35.40 2.75 -0.32	38.80 3.05 -0.33	41.34 3.12 -0.17	37.50 2.55 0.00	33.08 2.19 0.00	32.57 2.19 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.67 1.57 0.00
DANSKAMMER___DIESEL 23592	24.82 1.71 0.00	22.87 1.58 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.46 1.19 0.00	21.86 1.26 0.00	23.25 1.48 0.00	26.79 1.73 0.00	30.17 2.03 0.00	31.44 2.11 0.00	30.87 1.94 0.00	31.80 2.00 0.00	31.97 2.12 0.00	32.70 2.34 0.00	33.34 2.47 0.00	35.34 2.68 -0.32	38.76 3.01 -0.33	41.30 3.08 -0.17	37.50 2.55 0.00	33.08 2.19 0.00	32.57 2.19 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.67 1.57 0.00
DARBY___SOLAR 323810	24.40 1.29 0.00	22.51 1.21 0.00	21.38 1.09 0.00	20.25 0.98 0.00	20.27 1.00 0.00	21.65 1.05 0.00	23.01 1.24 0.00	26.57 1.50 0.00	29.91 1.77 0.00	31.15 1.82 0.00	30.55 1.62 0.00	31.41 1.61 0.00	31.31 1.46 0.00	31.94 1.58 0.00	32.54 1.67 0.00	33.55 1.78 0.56	36.82 1.98 0.58	39.81 2.05 0.29	36.87 1.92 0.00	32.58 1.70 0.00	32.23 1.85 0.00	30.04 1.62 0.00	27.54 1.46 0.00	25.28 1.18 0.00
DASHVILLE___HYD 23610	24.47 1.36 0.00	22.57 1.28 0.00	21.40 1.12 0.00	20.29 1.02 0.00	20.21 0.94 0.00	21.57 0.97 0.00	22.92 1.15 0.00	26.37 1.30 0.00	29.69 1.55 0.00	30.94 1.61 0.00	30.38 1.45 0.00	31.32 1.52 0.00	31.49 1.64 0.00	32.24 1.88 0.00	32.88 2.01 0.00	35.10 2.62 -0.14	38.48 2.90 -0.15	41.13 3.01 -0.08	36.91 1.96 0.00	32.55 1.67 0.00	32.05 1.67 0.00	29.99 1.56 0.00	27.60 1.51 0.00	25.33 1.23 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	29.87 3.21 -3.55	24.88 3.11 -0.48	25.31 2.88 -2.14	22.66 2.78 -0.61	21.97 2.70 0.00	23.42 2.82 0.00	29.16 3.18 -4.21	30.98 3.78 -2.14	34.10 4.42 -1.54	34.13 4.49 -0.31	33.33 4.14 -0.26	33.88 4.08 0.00	34.14 4.77 -0.05	35.66 4.77 -0.53	38.74 4.88 -2.99	39.94 5.21 -2.39	41.77 5.77 -0.57	46.89 6.13 -2.71	40.53 5.56 -0.02	36.05 4.85 -0.31	34.99 4.59 -0.02	33.64 4.21 -1.01	31.91 3.94 -1.89	31.04 3.45 -3.49
DELAWARE___LFGE 323621	24.10 0.99 0.00	22.19 0.89 0.00	21.03 0.75 0.00	19.98 0.71 0.00	20.00 0.73 0.00	21.40 0.80 0.00	22.71 0.94 0.00	26.17 1.10 0.00	29.38 1.24 0.00	30.59 1.26 0.00	30.18 1.24 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.70 1.34 0.00	32.23 1.36 0.00	33.76 1.42 0.00	37.02 1.59 0.00	39.76 1.71 0.00	36.52 1.57 0.00	32.25 1.36 0.00	31.75 1.37 0.00	29.68 1.25 0.00	27.21 1.12 0.00	25.11 1.01 0.00
DERFIELD_115KV_TB7 355931	23.15 0.05 0.00	21.33 0.04 0.00	20.30 0.02 0.00	19.29 0.02 0.00	19.31 0.04 0.00	20.64 0.04 0.00	21.81 0.04 0.00	25.11 0.05 0.00	28.23 0.08 0.00	29.42 0.09 0.00	29.02 0.09 0.00	29.89 0.09 0.00	29.94 0.09 0.00	30.45 0.09 0.00	30.97 0.09 0.00	32.40 0.06 0.00	35.50 0.07 0.00	38.13 0.08 0.00	35.02 0.07 0.00	30.95 0.06 0.00	30.47 0.09 0.00	28.51 0.09 0.00	26.16 0.08 0.00	24.17 0.07 0.00
DOGLEVILLE___HYD 23807	22.95 -0.16 0.00	21.14 -0.15 0.00	20.10 -0.18 0.00	19.08 -0.19 0.00	19.06 -0.21 0.00	20.37 -0.23 0.00	21.55 -0.22 0.00	24.81 -0.25 0.00	27.97 -0.17 0.00	29.07 -0.26 0.00	28.76 -0.17 0.00	29.71 -0.09 0.00	29.76 -0.09 0.00	30.30 -0.06 0.00	30.69 -0.18 0.00	32.15 -0.19 0.00	35.21 -0.21 0.00	37.79 -0.26 0.00	34.71 -0.24 0.00	30.64 -0.25 0.00	30.26 -0.12 0.00	28.31 -0.11 0.00	25.98 -0.10 0.00	23.98 -0.12 0.00
DUNKIRK___115KV_TB_200 55889	24.01 0.90 0.00	21.99 0.70 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.62 0.35 0.00	21.09 0.49 0.00	22.47 0.70 0.00	25.69 0.63 0.00	28.17 0.03 0.00	29.39 0.06 0.00	29.37 0.43 0.00	30.31 0.51 0.00	30.21 0.36 0.00	30.06 -0.30 0.00	30.63 -0.25 0.00	31.95 -0.39 0.00	34.89 -0.53 0.00	38.05 0.00 0.00	35.86 0.91 0.00	32.09 1.20 0.00	31.26 0.88 0.00	29.45 1.02 0.00	27.00 0.91 0.00	25.86 1.76 0.00
DUNKIRK___1 23563	24.01 0.90 0.00	21.99 0.70 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.62 0.35 0.00	21.09 0.49 0.00	22.47 0.70 0.00	25.69 0.63 0.00	28.17 0.03 0.00	29.39 0.06 0.00	29.37 0.43 0.00	30.31 0.51 0.00	30.21 0.36 0.00	30.06 -0.30 0.00	30.63 -0.25 0.00	31.95 -0.39 0.00	34.89 -0.53 0.00	38.05 0.00 0.00	35.86 0.91 0.00	32.09 1.20 0.00	31.26 0.88 0.00	29.45 1.02 0.00	27.00 0.91 0.00	25.86 1.76 0.00
DUNKIRK___2 23564	24.01 0.90 0.00	21.99 0.70 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.62 0.35 0.00	21.09 0.49 0.00	22.47 0.70 0.00	25.69 0.63 0.00	28.17 0.03 0.00	29.39 0.06 0.00	29.37 0.43 0.00	30.31 0.51 0.00	30.21 0.36 0.00	30.06 -0.30 0.00	30.63 -0.25 0.00	31.95 -0.39 0.00	34.89 -0.53 0.00	38.05 0.00 0.00	35.86 0.91 0.00	32.09 1.20 0.00	31.26 0.88 0.00	29.45 1.02 0.00	27.00 0.91 0.00	25.86 1.76 0.00
DUNKIRK___3 23565	23.94 0.83 0.00	21.91 0.62 0.00	20.51 0.22 0.00	19.48 0.21 0.00	19.52 0.25 0.00	20.99 0.39 0.00	22.34 0.57 0.00	25.52 0.45 0.00	28.00 -0.14 0.00	29.21 -0.12 0.00	29.16 0.23 0.00	30.13 0.33 0.00	30.03 0.18 0.00	29.90 -0.46 0.00	30.50 -0.37 0.00	31.82 -0.52 0.00	34.75 -0.67 0.00	37.86 -0.19 0.00	35.68 0.73 0.00	31.88 0.99 0.00	31.05 0.67 0.00	29.22 0.80 0.00	26.81 0.73 0.00	25.67 1.57 0.00
DUNKIRK___4 23566	23.94 0.83 0.00	21.91 0.62 0.00	20.51 0.22 0.00	19.48 0.21 0.00	19.52 0.25 0.00	20.99 0.39 0.00	22.34 0.57 0.00	25.52 0.45 0.00	28.00 -0.14 0.00	29.21 -0.12 0.00	29.16 0.23 0.00	30.13 0.33 0.00	30.03 0.18 0.00	29.90 -0.46 0.00	30.50 -0.37 0.00	31.82 -0.52 0.00	34.75 -0.67 0.00	37.86 -0.19 0.00	35.68 0.73 0.00	31.88 0.99 0.00	31.05 0.67 0.00	29.22 0.80 0.00	26.81 0.73 0.00	25.67 1.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.86 1.76 0.00	22.91 1.62 0.00	21.70 1.42 0.00	20.60 1.33 0.00	20.58 1.31 0.00	21.96 1.36 0.00	23.43 1.65 0.00	27.14 2.08 0.00	30.59 2.45 0.00	31.94 2.61 0.00	31.36 2.43 0.00	32.24 2.44 0.00	32.45 2.60 0.00	33.18 2.82 0.00	33.81 2.93 0.00	35.90 3.14 -0.42	39.30 3.44 -0.44	41.81 3.54 -0.22	37.92 2.97 0.00	33.45 2.56 0.00	32.84 2.46 0.00	30.67 2.25 0.00	28.25 2.16 0.00	25.86 1.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.61 1.50 0.00	22.68 1.38 0.00	21.50 1.22 0.00	20.39 1.12 0.00	20.33 1.06 0.00	21.69 1.09 0.00	23.10 1.33 0.00	26.62 1.55 0.00	30.00 1.86 0.00	31.27 1.94 0.00	30.70 1.76 0.00	31.62 1.82 0.00	31.79 1.94 0.00	32.49 2.13 0.00	33.13 2.25 0.00	35.14 2.49 -0.31	38.51 2.76 -0.33	41.07 2.85 -0.16	37.25 2.31 0.00	32.89 2.01 0.00	32.35 1.97 0.00	30.24 1.82 0.00	27.81 1.72 0.00	25.52 1.42 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.13 2.01 -0.01	23.15 1.85 -0.01	21.91 1.62 -0.01	20.80 1.52 -0.01	20.70 1.43 0.00	22.00 1.40 0.00	23.53 1.76 0.00	27.45 2.38 -0.01	30.85 2.70 -0.01	32.15 2.82 -0.01	31.54 2.60 -0.01	32.39 2.59 0.00	32.54 2.69 0.00	33.34 2.98 -0.01	34.00 3.12 -0.01	36.07 3.30 -0.43	39.55 3.68 -0.44	42.16 3.88 -0.23	37.92 2.97 0.00	33.48 2.59 0.00	32.84 2.46 0.00	30.90 2.47 0.00	28.54 2.45 -0.01	26.16 2.05 -0.01
E179THST_13_KV_LOAD 356214	25.26 2.15 -0.01	23.26 1.96 -0.01	22.04 1.74 -0.01	20.90 1.62 -0.01	20.79 1.52 0.00	22.12 1.52 0.00	23.66 1.89 0.00	27.60 2.53 -0.01	31.05 2.90 -0.01	32.36 3.02 -0.01	31.75 2.81 -0.01	32.57 2.77 0.00	32.74 2.90 0.00	33.53 3.16 -0.01	34.18 3.30 -0.01	36.26 3.49 -0.43	39.80 3.93 -0.44	42.43 4.15 -0.23	38.16 3.22 0.00	33.67 2.78 0.00	33.05 2.67 0.00	31.10 2.67 0.00	28.70 2.61 -0.01	26.30 2.19 -0.01
EAST HAMPTON___GT 23717	30.33 3.67 -3.55	25.24 3.47 -0.48	25.69 3.27 -2.14	23.00 3.12 -0.61	22.32 3.04 -0.01	23.80 3.19 -0.01	29.57 3.59 -4.21	31.46 4.26 -2.14	34.71 5.04 -1.54	34.77 5.13 -0.31	34.00 4.80 -0.26	34.57 4.77 0.00	34.62 4.71 -0.05	35.90 5.01 -0.53	39.36 5.50 -2.99	40.65 5.92 -2.39	42.59 6.59 -0.57	47.77 7.00 -2.71	41.89 6.29 -0.65	36.73 5.53 -0.31	35.63 5.23 -0.02	34.24 4.80 -1.01	32.48 4.51 -1.89	31.52 3.93 -3.49
EAST RIVER___6 23660	25.02 1.92 0.00	23.02 1.72 0.00	21.85 1.56 0.00	20.74 1.46 0.00	20.73 1.46 0.00	22.10 1.50 0.00	23.62 1.85 0.00	27.40 2.33 0.00	30.87 2.73 0.00	32.26 2.93 0.00	31.59 2.66 0.00	32.45 2.65 0.00	32.44 2.60 0.00	33.09 2.73 0.00	33.99 3.12 0.00	36.26 3.49 -0.42	39.62 3.75 -0.44	42.08 3.80 -0.22	38.06 3.11 0.00	33.57 2.69 0.00	32.93 2.55 0.00	30.81 2.39 0.00	28.46 2.37 0.00	26.05 1.95 0.00

EAST RIVER___7 23524	25.02 1.92 0.00	23.02 1.72 0.00	21.85 1.56 0.00	20.74 1.46 0.00	20.73 1.46 0.00	22.10 1.50 0.00	23.62 1.85 0.00	27.40 2.33 0.00	30.87 2.73 0.00	32.26 2.93 0.00	31.59 2.66 0.00	32.45 2.65 0.00	32.44 2.60 0.00	33.09 2.73 0.00	33.99 3.12 0.00	36.26 3.49 -0.42	39.62 3.75 -0.44	42.08 3.80 -0.22	38.06 3.11 0.00	33.57 2.69 0.00	32.93 2.55 0.00	30.81 2.39 0.00	28.46 2.37 0.00	26.05 1.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.79 1.69 0.00	22.85 1.55 0.00	21.66 1.38 0.00	20.54 1.27 0.00	20.52 1.25 0.00	21.90 1.30 0.00	23.36 1.59 0.00	27.04 1.98 0.00	30.48 2.34 0.00	31.82 2.49 0.00	31.25 2.31 0.00	32.15 2.35 0.00	32.33 2.48 0.00	33.06 2.70 0.00	33.71 2.84 0.00	35.77 3.01 -0.42	39.19 3.33 -0.44	41.70 3.42 -0.22	37.78 2.83 0.00	33.36 2.47 0.00	32.75 2.37 0.00	30.58 2.16 0.00	28.14 2.06 0.00	25.79 1.69 0.00
EAST_HAMPTON___DIESEL 23722	30.33 3.67 -3.55	25.26 3.49 -0.48	25.69 3.27 -2.14	23.00 3.12 -0.61	22.34 3.06 -0.01	23.82 3.21 -0.01	29.60 3.61 -4.21	31.48 4.29 -2.14	34.74 5.06 -1.54	34.77 5.13 -0.31	34.02 4.83 -0.26	34.57 4.77 0.00	34.62 4.71 -0.05	35.93 5.04 -0.53	39.39 5.53 -2.99	40.65 5.92 -2.39	42.59 6.59 -0.57	47.77 7.00 -2.71	41.89 6.29 -0.65	36.73 5.53 -0.31	35.66 5.26 -0.02	34.24 4.80 -1.01	32.48 4.51 -1.89	31.54 3.95 -3.49
EAST_PULASKI___ESR 323781	23.04 -0.07 0.00	21.19 -0.11 0.00	20.12 -0.16 0.00	19.16 -0.12 0.00	19.17 -0.10 0.00	20.52 -0.08 0.00	21.71 -0.07 0.00	24.94 -0.13 0.00	27.92 -0.23 0.00	29.10 -0.23 0.00	28.73 -0.20 0.00	29.62 -0.18 0.00	29.61 -0.24 0.00	30.06 -0.30 0.00	30.47 -0.40 0.00	31.95 -0.39 0.00	35.00 -0.43 0.00	37.67 -0.38 0.00	34.77 -0.17 0.00	30.76 -0.12 0.00	30.29 -0.09 0.00	28.34 -0.09 0.00	25.95 -0.13 0.00	24.08 -0.02 0.00
EAST_RIVER___1 323558	24.96 1.85 0.00	22.95 1.66 0.00	21.78 1.50 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.04 1.44 0.00	23.51 1.74 0.00	27.32 2.26 0.00	30.79 2.64 0.00	32.17 2.84 0.00	31.51 2.57 0.00	32.42 2.62 0.00	32.42 2.57 0.00	33.06 2.70 0.00	33.93 3.06 0.00	36.16 3.39 -0.42	39.51 3.65 -0.44	42.00 3.73 -0.22	37.99 3.04 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.98 1.88 0.00
EAST_RIVER___2 323559	25.02 1.92 0.00	23.02 1.72 0.00	21.85 1.56 0.00	20.74 1.46 0.00	20.73 1.46 0.00	22.10 1.50 0.00	23.62 1.85 0.00	27.40 2.33 0.00	30.87 2.73 0.00	32.26 2.93 0.00	31.59 2.66 0.00	32.45 2.65 0.00	32.44 2.60 0.00	33.09 2.73 0.00	33.99 3.12 0.00	36.26 3.49 -0.42	39.62 3.75 -0.44	42.08 3.80 -0.22	38.06 3.11 0.00	33.57 2.69 0.00	32.93 2.55 0.00	30.81 2.39 0.00	28.46 2.37 0.00	26.05 1.95 0.00
EAST___DELAWARE_HYD 23607	24.70 1.59 0.00	22.72 1.43 0.00	21.54 1.26 0.00	20.45 1.18 0.00	20.35 1.08 0.00	21.75 1.15 0.00	23.14 1.37 0.00	26.64 1.58 0.00	29.97 1.83 0.00	31.24 1.91 0.00	30.73 1.79 0.00	31.71 1.91 0.00	31.73 1.88 0.00	32.39 2.03 0.00	33.13 2.25 0.00	35.07 2.52 -0.20	38.47 2.84 -0.21	41.13 2.97 -0.11	37.39 2.45 0.00	32.99 2.10 0.00	32.51 2.13 0.00	30.36 1.93 0.00	27.91 1.83 0.00	25.65 1.54 0.00
EIGHT_POINT___WT_PWR 323820	24.10 0.99 0.00	22.12 0.83 0.00	20.69 0.41 0.00	19.68 0.41 0.00	19.71 0.44 0.00	21.20 0.60 0.00	22.58 0.81 0.00	25.87 0.80 0.00	28.53 0.39 0.00	29.77 0.44 0.00	29.60 0.67 0.00	30.66 0.86 0.00	30.92 1.07 0.00	31.21 0.85 0.00	31.15 0.28 0.00	32.27 -0.06 0.00	35.28 -0.14 0.00	38.47 0.42 0.00	36.07 1.12 0.00	32.21 1.33 0.00	31.47 1.09 0.00	29.56 1.14 0.00	27.13 1.04 0.00	25.65 1.54 0.00
ELBRIDGE_115KV_TB2 80188	23.22 0.12 0.00	21.38 0.09 0.00	20.30 0.02 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.64 0.04 0.00	21.86 0.09 0.00	25.16 0.10 0.00	28.14 0.00 0.00	29.39 0.06 0.00	29.05 0.12 0.00	29.95 0.15 0.00	29.97 0.12 0.00	30.39 0.03 0.00	30.87 0.00 0.00	32.34 0.00 0.00	35.35 -0.07 0.00	38.09 0.04 0.00	35.09 0.14 0.00	31.04 0.15 0.00	30.50 0.12 0.00	28.57 0.14 0.00	26.19 0.10 0.00	24.34 0.24 0.00
ELEC_TRO_TEK 24086	28.78 2.13 -3.55	23.75 1.98 -0.48	24.19 1.76 -2.14	21.52 1.64 -0.61	20.91 1.64 0.00	22.31 1.71 0.00	27.98 2.00 -4.21	29.66 2.46 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.91 2.72 -0.26	32.54 2.74 0.00	32.77 2.87 -0.05	33.99 3.10 -0.53	37.10 3.24 -2.99	38.25 3.52 -2.39	39.82 3.83 -0.57	44.72 3.96 -2.71	38.32 3.36 -0.02	34.13 2.93 -0.31	33.19 2.79 -0.02	32.02 2.59 -1.01	30.53 2.56 -1.89	29.76 2.17 -3.49
ELLENBURG_WT_PWR 323604	22.71 -0.39 0.00	20.87 -0.43 0.00	19.96 -0.33 0.00	19.04 -0.23 0.00	19.10 -0.17 0.00	20.41 -0.19 0.00	21.49 -0.28 0.00	24.69 -0.38 0.00	27.69 -0.45 0.00	28.92 -0.41 0.00	28.59 -0.35 0.00	29.47 -0.33 0.00	29.49 -0.36 0.00	29.84 -0.52 0.00	30.47 -0.40 0.00	31.92 -0.42 0.00	35.11 -0.32 0.00	37.71 -0.34 0.00	34.77 -0.17 0.00	30.67 -0.21 0.00	30.23 -0.15 0.00	28.25 -0.17 0.00	25.82 -0.26 0.00	23.84 -0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.80 0.69 0.00	21.76 0.47 0.00	20.41 0.12 0.00	19.39 0.12 0.00	19.40 0.13 0.00	20.83 0.23 0.00	22.14 0.37 0.00	25.19 0.13 0.00	27.58 -0.56 0.00	28.80 -0.53 0.00	28.76 -0.17 0.00	29.77 -0.03 0.00	29.64 -0.21 0.00	29.51 -0.85 0.00	30.10 -0.77 0.00	31.37 -0.97 0.00	34.18 -1.24 0.00	37.25 -0.80 0.00	35.16 0.21 0.00	31.38 0.49 0.00	30.56 0.18 0.00	28.77 0.34 0.00	26.42 0.34 0.00	25.38 1.28 0.00
EMPIRE_CC_1 323656	23.82 0.72 0.00	22.08 0.79 0.00	20.99 0.71 0.00	19.91 0.64 0.00	19.90 0.63 0.00	21.24 0.64 0.00	22.51 0.74 0.00	25.89 0.83 0.00	29.15 1.01 0.00	30.30 0.97 0.00	29.80 0.87 0.00	30.63 0.83 0.00	30.68 0.83 0.00	31.30 0.94 0.00	32.02 1.14 0.00	32.79 1.29 0.85	35.93 1.38 0.88	38.94 1.33 0.44	36.03 1.08 0.00	31.81 0.93 0.00	31.32 0.94 0.00	29.25 0.82 0.00	26.87 0.78 0.00	24.66 0.55 0.00
EMPIRE_CC_2 323658	23.82 0.72 0.00	22.08 0.79 0.00	20.99 0.71 0.00	19.91 0.64 0.00	19.90 0.63 0.00	21.24 0.64 0.00	22.51 0.74 0.00	25.89 0.83 0.00	29.15 1.01 0.00	30.30 0.97 0.00	29.80 0.87 0.00	30.63 0.83 0.00	30.68 0.83 0.00	31.30 0.94 0.00	32.02 1.14 0.00	32.79 1.29 0.85	35.93 1.38 0.88	38.94 1.33 0.44	36.03 1.08 0.00	31.81 0.93 0.00	31.32 0.94 0.00	29.25 0.82 0.00	26.87 0.78 0.00	24.66 0.55 0.00
ENORWICH_115KV_TB1 80156	24.89 1.78 0.00	22.78 1.49 0.00	21.50 1.22 0.00	20.49 1.21 0.00	20.56 1.29 0.00	22.10 1.50 0.00	23.47 1.70 0.00	27.02 1.96 0.00	30.08 1.94 0.00	31.24 1.91 0.00	30.96 2.03 0.00	31.97 2.18 0.00	31.85 2.00 0.00	32.33 1.97 0.00	32.66 1.79 0.00	34.31 1.97 0.00	37.62 2.20 0.00	40.68 2.63 0.00	37.81 2.87 0.00	33.45 2.56 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.20 2.11 0.00	26.17 2.07 0.00

ERIE_ST__34_KV_TB1-2 80199	23.96 0.85 0.00	21.89 0.60 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.46 0.19 0.00	20.95 0.35 0.00	22.27 0.50 0.00	25.42 0.35 0.00	27.89 -0.25 0.00	29.10 -0.23 0.00	29.08 0.14 0.00	30.13 0.33 0.00	30.06 0.21 0.00	30.03 -0.33 0.00	30.59 -0.28 0.00	31.95 -0.39 0.00	34.86 -0.57 0.00	37.98 -0.08 0.00	35.75 0.80 0.00	31.91 1.02 0.00	30.96 0.58 0.00	29.11 0.68 0.00	26.68 0.60 0.00	25.57 1.47 0.00
ERIE_WT_PWR 323693	23.92 0.81 0.00	22.04 0.74 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.48 0.21 0.00	20.91 0.31 0.00	22.25 0.48 0.00	25.34 0.28 0.00	27.75 -0.39 0.00	28.95 -0.38 0.00	28.90 -0.03 0.00	29.98 0.18 0.00	30.45 0.60 0.00	30.73 0.37 0.00	30.47 -0.40 0.00	31.37 -0.97 0.00	34.33 -1.10 0.00	37.48 -0.57 0.00	35.40 0.45 0.00	31.63 0.74 0.00	30.77 0.39 0.00	28.96 0.54 0.00	26.58 0.49 0.00	25.52 1.42 0.00
ESPRGFLD_115KV_TB1 80157	24.84 1.73 0.00	22.83 1.53 0.00	21.62 1.34 0.00	20.54 1.27 0.00	20.58 1.31 0.00	22.08 1.48 0.00	23.47 1.70 0.00	27.04 1.98 0.00	30.31 2.17 0.00	31.41 2.08 0.00	31.02 2.08 0.00	31.94 2.15 0.00	31.88 2.03 0.00	32.45 2.09 0.00	32.97 2.10 0.00	34.35 2.23 0.22	37.71 2.52 0.23	40.68 2.74 0.12	37.60 2.66 0.00	33.23 2.35 0.00	32.87 2.49 0.00	30.64 2.22 0.00	28.04 1.96 0.00	25.88 1.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.85 0.74 0.00	21.91 0.62 0.00	20.75 0.47 0.00	19.71 0.44 0.00	19.73 0.46 0.00	21.13 0.54 0.00	22.42 0.65 0.00	25.84 0.78 0.00	28.84 0.70 0.00	30.03 0.70 0.00	29.71 0.78 0.00	30.66 0.86 0.00	30.68 0.84 0.00	31.09 0.73 0.00	31.55 0.68 0.00	33.08 0.74 0.00	36.20 0.78 0.00	39.12 1.07 0.00	36.14 1.19 0.00	32.00 1.11 0.00	31.41 1.03 0.00	29.42 0.99 0.00	26.92 0.83 0.00	25.04 0.94 0.00
ETNA____115KV_TB2 80207	23.85 0.74 0.00	21.91 0.62 0.00	20.75 0.47 0.00	19.71 0.44 0.00	19.73 0.46 0.00	21.13 0.54 0.00	22.42 0.65 0.00	25.84 0.78 0.00	28.84 0.70 0.00	30.03 0.70 0.00	29.71 0.78 0.00	30.66 0.86 0.00	30.68 0.84 0.00	31.09 0.73 0.00	31.55 0.68 0.00	33.08 0.74 0.00	36.20 0.78 0.00	39.12 1.07 0.00	36.14 1.19 0.00	32.00 1.11 0.00	31.41 1.03 0.00	29.42 0.99 0.00	26.92 0.83 0.00	25.04 0.94 0.00
EUCLID____115KV_TB2 356179	22.99 -0.12 0.00	21.16 -0.13 0.00	20.10 -0.18 0.00	19.10 -0.17 0.00	19.10 -0.17 0.00	20.43 -0.16 0.00	21.64 -0.13 0.00	24.89 -0.18 0.00	27.86 -0.28 0.00	29.07 -0.26 0.00	28.73 -0.20 0.00	29.65 -0.15 0.00	29.67 -0.18 0.00	30.09 -0.27 0.00	30.50 -0.37 0.00	31.95 -0.39 0.00	34.96 -0.46 0.00	37.63 -0.42 0.00	34.67 -0.28 0.00	30.67 -0.22 0.00	30.14 -0.24 0.00	28.23 -0.20 0.00	25.90 -0.18 0.00	24.05 -0.05 0.00
E_CANADA_CAP_HY 24051	25.23 2.12 0.00	23.21 1.92 0.00	21.99 1.70 0.00	20.87 1.60 0.00	20.89 1.62 0.00	22.41 1.81 0.00	23.84 2.07 0.00	27.47 2.41 0.00	30.76 2.62 0.00	31.76 2.43 0.00	31.31 2.37 0.00	32.21 2.41 0.00	32.18 2.33 0.00	32.76 2.40 0.00	33.34 2.47 0.00	34.65 2.62 0.31	38.08 2.98 0.32	41.16 3.27 0.16	38.02 3.08 0.00	33.63 2.75 0.00	33.42 3.04 0.00	31.13 2.70 0.00	28.48 2.40 0.00	26.25 2.14 0.00
E_CANADA_MHWK_HY 24050	22.95 -0.16 0.00	21.14 -0.15 0.00	20.10 -0.18 0.00	19.08 -0.19 0.00	19.06 -0.21 0.00	20.37 -0.23 0.00	21.55 -0.22 0.00	24.81 -0.25 0.00	27.97 -0.17 0.00	29.07 -0.26 0.00	28.76 -0.17 0.00	29.71 -0.09 0.00	29.76 -0.09 0.00	30.30 -0.06 0.00	30.69 -0.18 0.00	32.15 -0.19 0.00	35.21 -0.21 0.00	37.79 -0.26 0.00	34.71 -0.24 0.00	30.64 -0.25 0.00	30.26 -0.12 0.00	28.31 -0.11 0.00	25.98 -0.10 0.00	23.98 -0.12 0.00
E_FISHKILL____LBMP 23776	24.56 1.46 0.00	22.65 1.36 0.00	21.48 1.20 0.00	20.37 1.10 0.00	20.35 1.08 0.00	21.73 1.13 0.00	23.12 1.35 0.00	26.74 1.68 0.00	30.11 1.97 0.00	31.41 2.08 0.00	30.84 1.91 0.00	31.74 1.94 0.00	31.91 2.06 0.00	32.61 2.25 0.00	33.25 2.38 0.00	35.30 2.52 -0.44	38.68 2.80 -0.45	41.13 2.85 -0.23	37.32 2.38 0.00	32.96 2.07 0.00	32.35 1.97 0.00	30.24 1.82 0.00	27.81 1.72 0.00	25.50 1.40 0.00
FALCON____SEABRD_CC1 323796	22.97 -0.14 0.00	21.10 -0.19 0.00	20.16 -0.12 0.00	19.23 -0.04 0.00	19.29 0.02 0.00	20.64 0.04 0.00	21.73 -0.04 0.00	24.94 -0.12 0.00	28.00 -0.14 0.00	29.24 -0.09 0.00	28.90 -0.03 0.00	29.80 0.00 0.00	29.82 -0.03 0.00	30.15 -0.21 0.00	30.75 -0.12 0.00	32.24 -0.10 0.00	35.46 0.04 0.00	38.13 0.08 0.00	35.19 0.25 0.00	31.01 0.12 0.00	30.59 0.21 0.00	28.57 0.14 0.00	26.11 0.03 0.00	24.10 0.00 0.00
FALCON____SEABRD_CC2 323797	22.97 -0.14 0.00	21.10 -0.19 0.00	20.16 -0.12 0.00	19.23 -0.04 0.00	19.29 0.02 0.00	20.64 0.04 0.00	21.73 -0.04 0.00	24.94 -0.12 0.00	28.00 -0.14 0.00	29.24 -0.09 0.00	28.90 -0.03 0.00	29.80 0.00 0.00	29.82 -0.03 0.00	30.15 -0.21 0.00	30.75 -0.12 0.00	32.24 -0.10 0.00	35.46 0.04 0.00	38.13 0.08 0.00	35.19 0.25 0.00	31.01 0.12 0.00	30.59 0.21 0.00	28.57 0.14 0.00	26.11 0.03 0.00	24.10 0.00 0.00
FAR ROCKAWAY____4 23548	29.22 2.56 -3.55	24.13 2.36 -0.48	24.54 2.11 -2.14	21.83 1.95 -0.61	21.24 1.97 0.00	22.66 2.06 0.00	28.35 2.37 -4.21	30.08 2.88 -2.14	32.97 3.29 -1.54	33.16 3.52 -0.31	32.46 3.27 -0.26	33.14 3.34 0.00	33.36 3.46 -0.05	34.56 3.67 -0.53	37.75 3.89 -2.99	38.93 4.20 -2.39	40.64 4.64 -0.57	45.63 4.87 -2.71	39.09 4.12 -0.02	34.75 3.55 -0.31	33.80 3.40 -0.02	32.59 3.16 -1.01	31.02 3.05 -1.89	30.22 2.63 -3.49
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.98 1.87 0.00	23.02 1.72 0.00	21.78 1.50 0.00	20.68 1.41 0.00	20.66 1.39 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.35 2.28 0.00	30.81 2.67 0.00	32.20 2.87 0.00	31.54 2.60 0.00	32.45 2.65 0.00	32.63 2.78 0.00	33.40 3.04 0.00	34.05 3.18 0.00	36.09 3.33 -0.42	39.51 3.65 -0.44	42.00 3.73 -0.22	38.02 3.08 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.81 2.39 0.00	28.41 2.32 0.00	26.01 1.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.98 1.87 0.00	23.02 1.72 0.00	21.80 1.52 0.00	20.68 1.41 0.00	20.66 1.39 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.35 2.28 0.00	30.81 2.67 0.00	32.20 2.87 0.00	31.54 2.60 0.00	32.45 2.65 0.00	32.63 2.78 0.00	33.40 3.04 0.00	34.05 3.18 0.00	36.09 3.33 -0.42	39.51 3.65 -0.44	42.04 3.77 -0.22	38.02 3.08 0.00	33.60 2.72 0.00	32.99 2.61 0.00	30.84 2.42 0.00	28.43 2.35 0.00	26.01 1.90 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.96 1.85 0.00	23.00 1.70 0.00	21.78 1.50 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.04 1.44 0.00	23.51 1.74 0.00	27.32 2.26 0.00	30.79 2.65 0.00	32.17 2.85 0.00	31.54 2.60 0.00	32.42 2.62 0.00	32.60 2.75 0.00	33.37 3.01 0.00	34.02 3.15 0.00	36.06 3.30 -0.42	39.48 3.61 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.41 2.32 0.00	25.98 1.88 0.00

FARRAGUT___LBMP 323566	24.93 1.83 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.15 2.82 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.03 3.27 -0.42	39.44 3.58 -0.44	41.93 3.65 -0.22	37.95 3.01 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.98 1.88 0.00
FENNER___WINDPWR 24204	23.66 0.55 0.00	21.74 0.45 0.00	20.63 0.34 0.00	19.64 0.37 0.00	19.66 0.39 0.00	21.05 0.45 0.00	22.29 0.52 0.00	25.67 0.60 0.00	28.79 0.65 0.00	29.97 0.64 0.00	29.63 0.69 0.00	30.57 0.77 0.00	30.62 0.77 0.00	31.15 0.79 0.00	31.49 0.62 0.00	32.92 0.58 0.00	36.10 0.67 0.00	38.85 0.80 0.00	35.79 0.84 0.00	31.63 0.74 0.00	31.11 0.73 0.00	29.14 0.71 0.00	26.68 0.60 0.00	24.70 0.60 0.00
FIBERTEK___ENERGY 23856	23.27 0.16 0.00	21.40 0.11 0.00	20.32 0.04 0.00	19.31 0.04 0.00	19.31 0.04 0.00	20.66 0.06 0.00	21.88 0.11 0.00	25.21 0.15 0.00	28.20 0.06 0.00	29.45 0.12 0.00	29.11 0.17 0.00	30.07 0.27 0.00	30.12 0.27 0.00	30.54 0.18 0.00	30.93 0.06 0.00	32.44 0.10 0.00	35.46 0.04 0.00	38.20 0.15 0.00	35.16 0.21 0.00	31.10 0.22 0.00	30.53 0.15 0.00	28.62 0.20 0.00	26.24 0.16 0.00	24.37 0.27 0.00
FITZPATRICK____ 23598	22.60 -0.51 0.00	20.82 -0.47 0.00	19.80 -0.49 0.00	18.81 -0.46 0.00	18.81 -0.46 0.00	20.10 -0.49 0.00	21.27 -0.50 0.00	24.44 -0.63 0.00	27.38 -0.76 0.00	28.54 -0.79 0.00	28.21 -0.72 0.00	29.08 -0.72 0.00	29.16 -0.69 0.00	29.63 -0.73 0.00	30.01 -0.86 0.00	31.37 -0.97 0.00	34.33 -1.10 0.00	36.95 -1.10 0.00	34.04 -0.91 0.00	30.12 -0.77 0.00	29.59 -0.79 0.00	27.71 -0.71 0.00	25.43 -0.65 0.00	23.59 -0.51 0.00
FLOWRFLD_69_KV_BK1 356044	29.41 2.75 -3.55	24.37 2.60 -0.48	24.80 2.37 -2.14	22.12 2.24 -0.61	21.47 2.20 0.00	22.91 2.31 0.00	28.61 2.63 -4.21	30.36 3.16 -2.14	33.34 3.66 -1.54	33.42 3.78 -0.31	32.55 3.36 -0.26	33.05 3.25 0.00	33.37 3.46 -0.05	34.75 3.86 -0.53	37.94 4.08 -2.99	39.13 4.40 -2.39	40.85 4.85 -0.57	45.86 5.10 -2.71	39.48 4.51 -0.02	35.09 3.89 -0.31	34.11 3.71 -0.02	32.82 3.38 -1.01	31.26 3.29 -1.89	30.46 2.87 -3.49
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.86 1.76 0.00	22.91 1.62 0.00	21.72 1.44 0.00	20.60 1.33 0.00	20.50 1.23 0.00	21.88 1.28 0.00	23.29 1.52 0.00	26.84 1.78 0.00	30.22 2.08 0.00	31.50 2.17 0.00	30.93 2.00 0.00	31.86 2.06 0.00	32.00 2.15 0.00	32.76 2.40 0.00	33.40 2.53 0.00	35.41 2.75 -0.32	38.84 3.08 -0.34	41.38 3.16 -0.17	37.57 2.62 0.00	33.14 2.25 0.00	32.63 2.25 0.00	30.50 2.07 0.00	28.01 1.93 0.00	25.72 1.61 0.00
FORT ORANGE____ 23900	23.89 0.79 0.00	22.06 0.77 0.00	20.95 0.67 0.00	19.87 0.60 0.00	19.87 0.60 0.00	21.20 0.60 0.00	22.49 0.72 0.00	25.92 0.85 0.00	29.18 1.04 0.00	30.36 1.03 0.00	29.86 0.93 0.00	30.72 0.92 0.00	30.72 0.87 0.00	31.33 0.97 0.00	32.05 1.17 0.00	33.20 1.29 0.44	36.42 1.45 0.45	39.27 1.45 0.23	36.10 1.15 0.00	31.90 1.02 0.00	31.44 1.06 0.00	29.33 0.91 0.00	26.92 0.83 0.00	24.73 0.63 0.00
FORT_DRUM_COGEN 23780	23.41 0.30 0.00	21.44 0.15 0.00	20.34 0.06 0.00	19.52 0.25 0.00	19.56 0.29 0.00	20.99 0.39 0.00	22.14 0.37 0.00	25.32 0.25 0.00	28.37 0.23 0.00	29.51 0.18 0.00	29.05 0.12 0.00	29.89 0.09 0.00	29.82 -0.03 0.00	30.30 -0.06 0.00	30.66 -0.22 0.00	32.14 -0.19 0.00	35.42 0.00 0.00	38.17 0.11 0.00	35.44 0.49 0.00	31.44 0.56 0.00	31.05 0.67 0.00	29.05 0.63 0.00	26.55 0.47 0.00	24.51 0.41 0.00
FPL_FAR_ROCK_GT1 24212	29.23 2.56 -3.55	24.09 2.32 -0.48	24.54 2.11 -2.14	21.83 1.95 -0.61	21.24 1.97 -0.01	22.67 2.06 -0.01	28.35 2.37 -4.21	30.08 2.88 -2.14	32.97 3.29 -1.54	33.16 3.52 -0.31	32.46 3.27 -0.26	33.14 3.34 0.00	33.15 3.25 -0.05	34.35 3.46 -0.53	37.72 3.86 -2.99	38.96 4.24 -2.39	40.67 4.68 -0.57	45.63 4.87 -2.71	39.13 4.16 -0.02	34.75 3.55 -0.31	33.80 3.40 -0.02	32.59 3.15 -1.01	31.02 3.05 -1.89	30.22 2.63 -3.49
FPL_FAR_ROCK_GT2 23815	29.23 2.56 -3.55	24.09 2.32 -0.48	24.54 2.11 -2.14	21.83 1.95 -0.61	21.24 1.97 -0.01	22.67 2.06 -0.01	28.35 2.37 -4.21	30.08 2.88 -2.14	32.97 3.29 -1.54	33.16 3.52 -0.31	32.46 3.27 -0.26	33.14 3.34 0.00	33.15 3.25 -0.05	34.35 3.46 -0.53	37.72 3.86 -2.99	38.96 4.24 -2.39	40.67 4.68 -0.57	45.63 4.87 -2.71	39.13 4.16 -0.02	34.75 3.55 -0.31	33.80 3.40 -0.02	32.59 3.15 -1.01	31.02 3.05 -1.89	30.22 2.63 -3.49
FRANKLIN_FALL_HYD 24054	22.65 -0.46 0.00	20.80 -0.49 0.00	19.90 -0.39 0.00	18.96 -0.31 0.00	19.00 -0.27 0.00	20.35 -0.25 0.00	21.44 -0.33 0.00	24.61 -0.45 0.00	27.69 -0.45 0.00	28.92 -0.41 0.00	28.56 -0.38 0.00	29.44 -0.36 0.00	29.46 -0.39 0.00	29.84 -0.52 0.00	30.32 -0.56 0.00	31.79 -0.55 0.00	34.93 -0.50 0.00	37.59 -0.46 0.00	34.67 -0.28 0.00	30.55 -0.34 0.00	30.14 -0.24 0.00	28.11 -0.31 0.00	25.69 -0.39 0.00	23.69 -0.41 0.00
FREEPORT_EQUS_GT1 23764	29.08 2.43 -3.55	23.96 2.19 -0.48	24.42 1.99 -2.14	21.73 1.85 -0.61	21.13 1.85 -0.01	22.54 1.94 -0.01	28.22 2.24 -4.21	29.96 2.76 -2.14	32.86 3.18 -1.54	32.98 3.34 -0.31	32.23 3.04 -0.26	32.87 3.07 0.00	32.91 3.01 -0.05	34.11 3.22 -0.53	37.44 3.58 -2.99	38.67 3.94 -2.39	40.32 4.32 -0.57	45.25 4.49 -2.71	38.82 3.84 -0.03	34.53 3.34 -0.31	33.59 3.19 -0.02	32.39 2.96 -1.01	30.89 2.92 -1.89	30.07 2.48 -3.49
FREEPORT___CT2 23818	29.08 2.43 -3.55	23.96 2.19 -0.48	24.42 1.99 -2.14	21.73 1.85 -0.61	21.13 1.85 -0.01	22.54 1.94 -0.01	28.22 2.24 -4.21	29.96 2.76 -2.14	32.86 3.18 -1.54	32.98 3.34 -0.31	32.23 3.04 -0.26	32.87 3.07 0.00	32.91 3.01 -0.05	34.11 3.22 -0.53	37.44 3.58 -2.99	38.67 3.94 -2.39	40.32 4.32 -0.57	45.25 4.49 -2.71	38.82 3.84 -0.03	34.53 3.34 -0.31	33.59 3.19 -0.02	32.39 2.96 -1.01	30.89 2.92 -1.89	30.07 2.48 -3.49
FRESHKLS_33_KV_LOAD 356253	25.07 1.96 0.00	23.06 1.77 0.00	21.80 1.52 0.00	20.66 1.39 0.00	20.62 1.35 0.00	21.88 1.28 0.00	23.37 1.61 0.01	27.31 2.26 0.01	30.83 2.70 0.01	32.31 2.93 -0.05	32.92 2.69 -1.29	33.26 2.74 -0.72	33.41 2.87 -0.70	34.28 3.16 -0.76	35.57 3.37 -1.33	36.25 3.49 -0.42	39.68 3.83 -0.43	42.26 4.00 -0.21	38.16 3.22 0.01	34.70 2.87 -0.94	33.26 2.70 -0.18	32.89 2.50 -1.96	33.24 2.48 -4.68	26.09 1.98 -0.01
FULTON COGEN____ 23766	22.99 -0.12 0.00	21.16 -0.13 0.00	20.10 -0.18 0.00	19.10 -0.17 0.00	19.10 -0.17 0.00	20.43 -0.16 0.00	21.62 -0.15 0.00	24.89 -0.18 0.00	27.83 -0.31 0.00	29.04 -0.29 0.00	28.70 -0.23 0.00	29.65 -0.15 0.00	29.67 -0.18 0.00	30.09 -0.27 0.00	30.53 -0.34 0.00	31.98 -0.36 0.00	35.00 -0.43 0.00	37.67 -0.38 0.00	34.70 -0.24 0.00	30.67 -0.22 0.00	30.17 -0.21 0.00	28.25 -0.17 0.00	25.90 -0.18 0.00	24.05 -0.05 0.00

FULTON___LFGE 323630	25.67 2.56 0.00	23.59 2.30 0.00	22.37 2.09 0.00	21.20 1.93 0.00	21.24 1.97 0.00	22.76 2.16 0.00	24.25 2.48 0.00	27.87 2.81 0.00	31.15 3.01 0.00	32.12 2.79 0.00	31.56 2.63 0.00	33.19 3.40 0.00	33.10 3.25 0.00	33.67 3.31 0.00	33.59 2.72 0.00	34.94 2.94 0.34	38.47 3.40 0.36	41.68 3.80 0.18	38.58 3.63 0.00	34.13 3.24 0.00	34.05 3.67 0.00	31.69 3.27 0.00	28.98 2.90 0.00	26.65 2.55 0.00
G.F.CEMENT___DRP 24184	24.54 1.43 0.00	22.61 1.32 0.00	21.46 1.18 0.00	20.33 1.06 0.00	20.33 1.06 0.00	21.75 1.15 0.00	23.14 1.37 0.00	26.74 1.68 0.00	30.14 2.00 0.00	31.38 2.05 0.00	30.73 1.79 0.00	31.59 1.79 0.00	31.46 1.61 0.00	32.09 1.73 0.00	32.60 1.73 0.00	33.57 1.75 0.51	36.88 1.98 0.53	39.88 2.09 0.27	37.01 2.06 0.00	32.68 1.79 0.00	32.48 2.10 0.00	30.27 1.85 0.00	27.73 1.64 0.00	25.43 1.33 0.00
GARDENVILLE___LBMP 24039	23.85 0.74 0.00	21.78 0.49 0.00	20.43 0.14 0.00	19.41 0.13 0.00	19.42 0.15 0.00	20.87 0.27 0.00	22.16 0.39 0.00	25.27 0.20 0.00	27.66 -0.48 0.00	28.89 -0.44 0.00	28.82 -0.12 0.00	29.86 0.06 0.00	29.73 -0.12 0.00	29.60 -0.76 0.00	30.19 -0.68 0.00	31.47 -0.87 0.00	34.33 -1.10 0.00	37.40 -0.65 0.00	35.26 0.31 0.00	31.50 0.62 0.00	30.68 0.30 0.00	28.88 0.45 0.00	26.50 0.42 0.00	25.45 1.35 0.00
GARDNVLA_35_KV_LD 355827	23.96 0.85 0.00	21.89 0.60 0.00	20.51 0.22 0.00	19.48 0.21 0.00	19.50 0.23 0.00	20.95 0.35 0.00	22.25 0.48 0.00	25.37 0.30 0.00	27.77 -0.37 0.00	29.01 -0.32 0.00	28.96 0.03 0.00	30.01 0.21 0.00	29.91 0.06 0.00	29.78 -0.58 0.00	30.38 -0.49 0.00	31.66 -0.68 0.00	34.50 -0.92 0.00	37.63 -0.42 0.00	35.47 0.52 0.00	31.69 0.80 0.00	30.84 0.46 0.00	29.02 0.60 0.00	26.61 0.52 0.00	25.57 1.47 0.00
GELCKHM___115KV_LOAD 80723	23.08 -0.02 0.00	21.25 -0.04 0.00	20.18 -0.10 0.00	19.18 -0.10 0.00	19.17 -0.10 0.00	20.52 -0.08 0.00	21.73 -0.04 0.00	25.01 -0.05 0.00	27.97 -0.17 0.00	29.21 -0.12 0.00	28.87 -0.06 0.00	29.80 0.00 0.00	29.82 -0.03 0.00	30.24 -0.12 0.00	30.69 -0.19 0.00	32.14 -0.19 0.00	35.14 -0.28 0.00	37.86 -0.19 0.00	34.84 -0.10 0.00	30.83 -0.06 0.00	30.29 -0.09 0.00	28.37 -0.06 0.00	26.01 -0.08 0.00	24.17 0.07 0.00
GENERAL___MILLS 23808	23.89 0.79 0.00	21.85 0.55 0.00	20.47 0.18 0.00	19.44 0.17 0.00	19.46 0.19 0.00	20.91 0.31 0.00	22.21 0.44 0.00	25.32 0.25 0.00	27.72 -0.42 0.00	28.95 -0.38 0.00	28.90 -0.03 0.00	29.95 0.15 0.00	29.82 -0.03 0.00	29.69 -0.67 0.00	30.29 -0.59 0.00	31.56 -0.78 0.00	34.43 -0.99 0.00	37.52 -0.53 0.00	35.40 0.45 0.00	31.60 0.71 0.00	30.74 0.36 0.00	28.96 0.54 0.00	26.55 0.47 0.00	25.50 1.40 0.00
GE_PLASTICS___DRP 24183	23.85 0.74 0.00	22.04 0.75 0.00	20.93 0.65 0.00	19.85 0.58 0.00	19.85 0.58 0.00	21.18 0.58 0.00	22.47 0.70 0.00	25.89 0.83 0.00	29.15 1.01 0.00	30.36 1.03 0.00	29.86 0.93 0.00	30.72 0.92 0.00	30.83 0.99 0.00	31.48 1.12 0.00	32.05 1.17 0.00	33.24 1.26 0.36	36.44 1.38 0.37	39.27 1.41 0.19	36.07 1.12 0.00	31.88 0.99 0.00	31.38 1.00 0.00	29.31 0.88 0.00	26.92 0.83 0.00	24.70 0.60 0.00
GILBOA___1 23756	23.94 0.83 0.00	22.08 0.79 0.00	20.97 0.69 0.00	19.91 0.64 0.00	19.89 0.62 0.00	21.26 0.66 0.00	22.55 0.78 0.00	26.02 0.95 0.00	29.24 1.10 0.00	30.47 1.14 0.00	29.97 1.04 0.00	30.87 1.07 0.00	30.92 1.07 0.00	31.48 1.12 0.00	32.17 1.30 0.00	33.76 1.42 0.00	36.98 1.56 0.00	39.65 1.60 0.00	36.28 1.33 0.00	32.06 1.17 0.00	31.50 1.12 0.00	29.45 1.02 0.00	27.05 0.97 0.00	24.90 0.79 0.00
GILBOA___2 23757	23.94 0.83 0.00	22.08 0.79 0.00	20.97 0.69 0.00	19.91 0.64 0.00	19.89 0.62 0.00	21.26 0.66 0.00	22.55 0.78 0.00	26.02 0.95 0.00	29.24 1.10 0.00	30.47 1.14 0.00	29.97 1.04 0.00	30.87 1.07 0.00	30.92 1.07 0.00	31.48 1.12 0.00	32.17 1.30 0.00	33.76 1.42 0.00	36.98 1.56 0.00	39.65 1.60 0.00	36.28 1.33 0.00	32.06 1.17 0.00	31.50 1.12 0.00	29.45 1.02 0.00	27.05 0.97 0.00	24.90 0.79 0.00
GILBOA___3 23758	23.94 0.83 0.00	22.08 0.79 0.00	20.97 0.69 0.00	19.91 0.64 0.00	19.89 0.62 0.00	21.26 0.66 0.00	22.55 0.78 0.00	26.02 0.95 0.00	29.24 1.10 0.00	30.47 1.14 0.00	29.97 1.04 0.00	30.87 1.07 0.00	30.92 1.07 0.00	31.48 1.12 0.00	32.17 1.30 0.00	33.76 1.42 0.00	36.98 1.56 0.00	39.65 1.60 0.00	36.28 1.33 0.00	32.06 1.17 0.00	31.50 1.12 0.00	29.45 1.02 0.00	27.05 0.97 0.00	24.90 0.79 0.00
GILBOA___4 23759	23.94 0.83 0.00	22.08 0.79 0.00	20.97 0.69 0.00	19.91 0.64 0.00	19.89 0.62 0.00	21.26 0.66 0.00	22.55 0.78 0.00	26.02 0.95 0.00	29.24 1.10 0.00	30.47 1.14 0.00	29.97 1.04 0.00	30.87 1.07 0.00	30.92 1.07 0.00	31.48 1.12 0.00	32.17 1.30 0.00	33.76 1.42 0.00	36.98 1.56 0.00	39.65 1.60 0.00	36.28 1.33 0.00	32.06 1.17 0.00	31.50 1.12 0.00	29.45 1.02 0.00	27.05 0.97 0.00	24.90 0.79 0.00
GILBOA___ 23599	23.94 0.83 0.00	22.10 0.81 0.00	20.97 0.69 0.00	19.91 0.64 0.00	19.89 0.62 0.00	21.26 0.66 0.00	22.55 0.78 0.00	26.02 0.95 0.00	29.24 1.10 0.00	30.47 1.14 0.00	29.97 1.04 0.00	30.87 1.07 0.00	30.98 1.13 0.00	31.60 1.24 0.00	32.17 1.30 0.00	33.73 1.39 0.00	36.95 1.52 0.00	39.61 1.56 0.00	36.28 1.33 0.00	32.06 1.17 0.00	31.50 1.12 0.00	29.45 1.02 0.00	27.05 0.97 0.00	24.90 0.80 0.00
GINNA___ 23603	22.48 -0.62 0.00	20.67 -0.62 0.00	19.47 -0.81 0.00	18.50 -0.77 0.00	18.50 -0.77 0.00	19.86 -0.74 0.00	21.05 -0.72 0.00	24.19 -0.88 0.00	26.82 -1.32 0.00	28.01 -1.32 0.00	27.83 -1.10 0.00	28.79 -1.01 0.00	28.98 -0.87 0.00	29.39 -0.97 0.00	29.39 -1.48 0.00	30.50 -1.84 0.00	33.33 -2.09 0.00	36.11 -1.94 0.00	33.51 -1.43 0.00	29.84 -1.05 0.00	29.29 -1.09 0.00	27.43 -1.00 0.00	25.15 -0.94 0.00	23.67 -0.43 0.00
GLEN PARK___ 23778	23.59 0.49 0.00	21.61 0.32 0.00	20.49 0.20 0.00	19.66 0.39 0.00	19.69 0.42 0.00	21.15 0.56 0.00	22.29 0.52 0.00	25.46 0.40 0.00	28.53 0.39 0.00	29.65 0.32 0.00	29.22 0.29 0.00	30.07 0.27 0.00	30.03 0.18 0.00	30.57 0.21 0.00	30.81 -0.06 0.00	32.27 -0.06 0.00	35.60 0.18 0.00	38.39 0.34 0.00	35.65 0.70 0.00	31.66 0.77 0.00	31.29 0.91 0.00	29.28 0.85 0.00	26.71 0.62 0.00	24.68 0.58 0.00
GLENDALE_27_KV_LOAD 356172	25.14 2.03 0.00	23.17 1.87 0.00	21.93 1.64 0.00	20.79 1.52 0.00	20.75 1.48 0.00	22.10 1.50 0.00	23.64 1.87 0.00	27.55 2.48 -0.01	31.05 2.90 -0.01	32.45 3.11 -0.01	31.80 2.86 -0.01	32.72 2.92 0.00	32.86 3.01 0.00	33.65 3.28 -0.01	34.37 3.43 -0.07	36.36 3.59 -0.43	39.83 3.97 -0.44	42.39 4.11 -0.23	38.27 3.32 0.00	33.82 2.93 0.00	33.17 2.79 0.00	31.04 2.62 0.00	28.67 2.58 -0.01	26.20 2.10 0.00

GLENWOOD_IC_1_G5 23712	28.78 2.13 -3.55	23.73 1.96 -0.48	24.17 1.74 -2.14	21.50 1.62 -0.61	20.89 1.62 0.00	22.29 1.69 0.00	27.96 1.98 -4.21	29.68 2.48 -2.14	32.55 2.87 -1.54	32.69 3.05 -0.31	32.06 2.86 -0.26	32.72 2.92 0.00	32.95 3.04 -0.05	34.17 3.28 -0.53	37.29 3.43 -2.99	38.19 3.46 -2.39	39.79 3.79 -0.57	44.64 3.88 -2.71	38.25 3.29 -0.02	34.25 3.06 -0.31	33.31 2.92 -0.02	32.14 2.70 -1.01	30.55 2.58 -1.89	29.76 2.17 -3.49
GLENWOOD_IC_2_G1 23688	28.60 1.94 -3.55	23.53 1.77 -0.48	24.03 1.60 -2.14	21.37 1.48 -0.61	20.74 1.46 -0.01	22.15 1.55 -0.01	27.81 1.83 -4.21	29.48 2.28 -2.14	32.32 2.64 -1.54	32.46 2.82 -0.31	31.80 2.60 -0.26	32.45 2.65 0.00	32.53 2.63 -0.05	33.65 2.76 -0.53	36.95 3.09 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.56 3.80 -2.71	38.18 3.21 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.91 2.47 -1.01	30.32 2.35 -1.89	29.57 1.98 -3.49
GLENWOOD_IC_3_G1 23689	28.60 1.94 -3.55	23.53 1.77 -0.48	24.03 1.60 -2.14	21.37 1.48 -0.61	20.74 1.46 -0.01	22.15 1.55 -0.01	27.81 1.83 -4.21	29.48 2.28 -2.14	32.32 2.64 -1.54	32.46 2.82 -0.31	31.80 2.60 -0.26	32.45 2.65 0.00	32.53 2.63 -0.05	33.65 2.76 -0.53	36.95 3.09 -2.99	38.15 3.43 -2.39	39.71 3.72 -0.57	44.56 3.80 -2.71	38.18 3.21 -0.02	34.01 2.81 -0.31	33.07 2.67 -0.02	31.91 2.47 -1.01	30.32 2.35 -1.89	29.57 1.98 -3.49
GLENWOOD___4 23550	28.78 2.13 -3.55	23.73 1.96 -0.48	24.17 1.74 -2.14	21.50 1.62 -0.61	20.89 1.62 0.00	22.29 1.69 0.00	27.96 1.98 -4.21	29.68 2.48 -2.14	32.55 2.87 -1.54	32.69 3.05 -0.31	32.06 2.86 -0.26	32.72 2.92 0.00	32.95 3.04 -0.05	34.17 3.28 -0.53	37.29 3.43 -2.99	38.25 3.52 -2.39	39.86 3.86 -0.57	44.76 4.00 -2.71	38.32 3.36 -0.02	34.25 3.06 -0.31	33.31 2.92 -0.02	32.14 2.70 -1.01	30.55 2.58 -1.89	29.76 2.17 -3.49
GLENWOOD___5 23614	28.78 2.13 -3.55	23.73 1.96 -0.48	24.17 1.74 -2.14	21.50 1.62 -0.61	20.89 1.62 0.00	22.29 1.69 0.00	27.96 1.98 -4.21	29.68 2.48 -2.14	32.55 2.87 -1.54	32.69 3.05 -0.31	32.06 2.86 -0.26	32.72 2.92 0.00	32.95 3.04 -0.05	34.17 3.28 -0.53	37.29 3.43 -2.99	38.25 3.52 -2.39	39.86 3.86 -0.57	44.76 4.00 -2.71	38.32 3.36 -0.02	34.25 3.06 -0.31	33.31 2.92 -0.02	32.14 2.70 -1.01	30.55 2.58 -1.89	29.76 2.17 -3.49
GLOBAL GREEN_PORT_GT1 23814	30.24 3.58 -3.55	25.15 3.39 -0.48	25.61 3.18 -2.14	22.93 3.04 -0.61	22.24 2.97 -0.01	23.72 3.11 -0.01	29.51 3.53 -4.21	31.39 4.19 -2.14	34.63 4.95 -1.54	34.65 5.01 -0.31	33.88 4.69 -0.26	34.42 4.62 0.00	34.50 4.59 -0.05	35.81 4.92 -0.53	39.26 5.40 -2.99	40.55 5.82 -2.39	42.48 6.48 -0.57	47.69 6.93 -2.71	41.79 6.19 -0.65	36.64 5.44 -0.31	35.57 5.16 -0.02	34.16 4.72 -1.01	32.38 4.41 -1.89	31.44 3.86 -3.49
GLOBE___DSASP 323697	23.29 0.18 0.00	21.29 0.00 0.00	20.00 -0.28 0.00	19.04 -0.23 0.00	19.04 -0.23 0.00	20.25 -0.35 0.00	21.57 -0.20 0.00	24.39 -0.68 0.00	26.65 -1.49 0.00	27.83 -1.50 0.00	27.75 -1.19 0.00	28.73 -1.07 0.00	28.54 -1.31 0.00	28.39 -1.97 0.00	28.96 -1.91 0.00	30.14 -2.20 0.00	32.77 -2.66 0.00	35.77 -2.28 0.00	33.83 -1.12 0.00	30.27 -0.62 0.00	29.47 -0.91 0.00	27.74 -0.68 0.00	25.54 -0.55 0.00	24.63 0.53 0.00
GOETHSLN___LBMP 323567	24.82 1.71 0.00	22.89 1.60 0.00	21.66 1.38 0.00	20.56 1.29 0.00	20.54 1.27 0.00	21.92 1.32 0.00	23.40 1.63 0.00	27.19 2.13 0.00	30.65 2.50 0.00	32.03 2.70 0.00	31.36 2.43 0.00	32.27 2.47 0.00	32.48 2.63 0.00	33.21 2.85 0.00	33.84 2.96 0.00	35.87 3.10 -0.42	39.23 3.37 -0.44	41.74 3.46 -0.22	37.74 2.80 0.00	33.39 2.50 0.00	32.81 2.43 0.00	30.67 2.25 0.00	28.28 2.19 0.00	25.86 1.76 0.00
GOLAH___69_KV_TB 1_2 80279	23.87 0.76 0.00	21.87 0.57 0.00	20.61 0.32 0.00	19.56 0.29 0.00	19.60 0.33 0.00	21.03 0.43 0.00	22.29 0.52 0.00	25.47 0.40 0.00	28.06 -0.08 0.00	29.18 -0.15 0.00	29.02 0.09 0.00	30.04 0.24 0.00	29.91 0.06 0.00	30.03 -0.33 0.00	30.44 -0.43 0.00	31.76 -0.58 0.00	34.61 -0.81 0.00	37.59 -0.46 0.00	35.16 0.21 0.00	31.32 0.43 0.00	30.65 0.27 0.00	28.77 0.34 0.00	26.40 0.31 0.00	25.07 0.96 0.00
GOODYEAR_LAKE_HYD 323669	24.40 1.29 0.00	22.42 1.13 0.00	21.26 0.97 0.00	20.20 0.93 0.00	20.21 0.94 0.00	21.67 1.07 0.00	23.01 1.24 0.00	26.52 1.45 0.00	29.77 1.63 0.00	30.94 1.61 0.00	30.55 1.62 0.00	31.47 1.67 0.00	31.46 1.61 0.00	32.03 1.67 0.00	32.54 1.67 0.00	34.12 1.78 0.00	37.41 1.98 0.00	40.18 2.13 0.00	36.98 2.03 0.00	32.65 1.76 0.00	32.17 1.79 0.00	30.04 1.62 0.00	27.52 1.43 0.00	25.40 1.30 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.69 0.58 0.00	21.76 0.47 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.56 0.29 0.00	20.95 0.35 0.00	22.25 0.48 0.00	25.62 0.55 0.00	28.56 0.42 0.00	29.80 0.47 0.00	29.48 0.55 0.00	30.45 0.66 0.00	30.48 0.63 0.00	30.88 0.52 0.00	31.34 0.46 0.00	32.89 0.55 0.00	35.99 0.57 0.00	38.85 0.80 0.00	35.89 0.94 0.00	31.78 0.90 0.00	31.14 0.76 0.00	29.16 0.74 0.00	26.74 0.65 0.00	24.92 0.82 0.00
GOUDEY___7 23579	23.71 0.60 0.00	21.78 0.49 0.00	20.61 0.32 0.00	19.58 0.31 0.00	19.58 0.31 0.00	20.97 0.37 0.00	22.27 0.50 0.00	25.64 0.58 0.00	28.62 0.48 0.00	29.83 0.50 0.00	29.54 0.61 0.00	30.48 0.69 0.00	30.54 0.69 0.00	30.91 0.55 0.00	31.40 0.52 0.00	32.95 0.61 0.00	36.03 0.60 0.00	38.93 0.88 0.00	35.93 0.98 0.00	31.81 0.93 0.00	31.17 0.79 0.00	29.19 0.77 0.00	26.79 0.70 0.00	24.94 0.84 0.00
GOUDEY___8 23580	23.69 0.58 0.00	21.76 0.47 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.56 0.29 0.00	20.95 0.35 0.00	22.25 0.48 0.00	25.62 0.55 0.00	28.56 0.42 0.00	29.80 0.47 0.00	29.48 0.55 0.00	30.45 0.66 0.00	30.48 0.63 0.00	30.88 0.52 0.00	31.34 0.46 0.00	32.89 0.55 0.00	35.99 0.57 0.00	38.85 0.80 0.00	35.89 0.94 0.00	31.78 0.90 0.00	31.14 0.76 0.00	29.16 0.74 0.00	26.74 0.65 0.00	24.92 0.82 0.00
GOWANUS_GT1_1 24077	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT1_2 24078	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01

GOWANUS_GT3_2 24123	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT3_3 24124	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT3_4 24125	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT3_5 24126	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT3_6 24127	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT3_7 24128	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT3_8 24129	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT4_1 24130	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT4_2 24131	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT4_3 24132	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT4_4 24133	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT4_5 24134	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT4_6 24135	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT4_7 24136	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GOWANUS_GT4_8 24137	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01

GREENBSH_115KV_TB3 55895	23.75 0.65 0.00	21.95 0.66 0.00	20.85 0.57 0.00	19.77 0.50 0.00	19.79 0.52 0.00	21.09 0.49 0.00	22.38 0.61 0.00	25.79 0.73 0.00	29.07 0.93 0.00	30.24 0.91 0.00	29.74 0.81 0.00	30.60 0.80 0.00	30.71 0.87 0.00	31.36 1.00 0.00	31.95 1.08 0.00	33.01 1.13 0.46	36.22 1.28 0.48	39.07 1.26 0.24	35.93 0.98 0.00	31.75 0.86 0.00	31.26 0.88 0.00	29.19 0.77 0.00	26.79 0.70 0.00	24.58 0.48 0.00
GREENDGE_115KV_TB5 80291	23.82 0.72 0.00	21.82 0.53 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.58 0.31 0.00	21.01 0.41 0.00	22.36 0.59 0.00	25.74 0.68 0.00	28.56 0.42 0.00	29.80 0.47 0.00	29.57 0.64 0.00	30.63 0.83 0.00	30.57 0.72 0.00	30.82 0.46 0.00	31.24 0.37 0.00	32.73 0.39 0.00	35.39 -0.04 0.00	38.43 0.38 0.00	35.68 0.73 0.00	31.97 1.08 0.00	31.29 0.91 0.00	29.33 0.91 0.00	26.84 0.76 0.00	25.19 1.08 0.00
GREENIDGE___3 23582	23.82 0.72 0.00	21.82 0.53 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.58 0.31 0.00	21.01 0.41 0.00	22.36 0.59 0.00	25.74 0.68 0.00	28.56 0.42 0.00	29.80 0.47 0.00	29.57 0.64 0.00	30.63 0.83 0.00	30.57 0.72 0.00	30.82 0.46 0.00	31.24 0.37 0.00	32.73 0.39 0.00	35.39 -0.04 0.00	38.43 0.38 0.00	35.68 0.73 0.00	31.97 1.08 0.00	31.29 0.91 0.00	29.33 0.91 0.00	26.84 0.76 0.00	25.19 1.08 0.00
GREENIDGE___4 23583	23.82 0.72 0.00	21.89 0.60 0.00	20.59 0.30 0.00	19.56 0.29 0.00	19.58 0.31 0.00	21.01 0.41 0.00	22.36 0.59 0.00	25.74 0.68 0.00	28.56 0.42 0.00	29.80 0.47 0.00	29.57 0.64 0.00	30.63 0.83 0.00	30.80 0.95 0.00	31.24 0.88 0.00	31.34 0.46 0.00	32.60 0.26 0.00	35.35 -0.07 0.00	38.39 0.34 0.00	35.68 0.74 0.00	31.97 1.08 0.00	31.29 0.91 0.00	29.33 0.91 0.00	26.87 0.78 0.00	25.19 1.09 0.00
GREENLWN_69_KV_BK 3 55738	29.04 2.38 -3.55	23.98 2.21 -0.48	24.41 1.99 -2.14	21.73 1.85 -0.61	21.10 1.83 0.00	22.53 1.94 0.00	28.22 2.24 -4.21	29.96 2.76 -2.14	32.89 3.21 -1.54	33.01 3.37 -0.31	32.23 3.04 -0.26	32.84 3.04 0.00	33.07 3.16 -0.06	34.33 3.43 -0.54	37.48 3.61 -2.99	38.65 3.91 -2.40	40.28 4.29 -0.57	45.21 4.45 -2.71	38.81 3.84 -0.02	34.50 3.30 -0.31	33.55 3.16 -0.01	32.36 2.93 -1.01	30.87 2.90 -1.89	30.05 2.46 -3.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
GRISSOM___SOLAR 323813	25.67 2.56 0.00	23.59 2.30 0.00	22.37 2.09 0.00	21.20 1.93 0.00	21.24 1.97 0.00	22.76 2.16 0.00	24.25 2.48 0.00	27.87 2.81 0.00	31.15 3.01 0.00	32.12 2.79 0.00	31.56 2.63 0.00	33.19 3.40 0.00	33.10 3.25 0.00	33.67 3.31 0.00	33.59 2.72 0.00	34.94 2.94 0.34	38.47 3.40 0.36	41.68 3.80 0.18	38.58 3.63 0.00	34.13 3.24 0.00	34.05 3.67 0.00	31.69 3.27 0.00	28.98 2.90 0.00	26.65 2.55 0.00
GROVEVILLE___HYD 323602	24.86 1.76 0.00	22.91 1.62 0.00	21.72 1.44 0.00	20.60 1.33 0.00	20.50 1.23 0.00	21.88 1.28 0.00	23.29 1.52 0.00	26.84 1.78 0.00	30.22 2.08 0.00	31.50 2.17 0.00	30.93 2.00 0.00	31.86 2.06 0.00	32.00 2.15 0.00	32.76 2.40 0.00	33.40 2.53 0.00	35.41 2.75 -0.32	38.84 3.08 -0.34	41.38 3.16 -0.17	37.57 3.32 0.00	33.14 2.25 0.00	32.63 2.25 0.00	30.50 2.07 0.00	28.01 1.93 0.00	25.72 1.61 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.27 0.16 0.00	21.40 0.11 0.00	20.32 0.04 0.00	19.31 0.04 0.00	19.31 0.04 0.00	20.66 0.06 0.00	21.88 0.11 0.00	25.21 0.15 0.00	28.20 0.06 0.00	29.45 0.12 0.00	29.11 0.17 0.00	30.07 0.27 0.00	30.12 0.27 0.00	30.54 0.18 0.00	30.93 0.06 0.00	32.44 0.10 0.00	35.46 0.04 0.00	38.20 0.15 0.00	35.16 0.21 0.00	31.10 0.22 0.00	30.53 0.15 0.00	28.62 0.20 0.00	26.24 0.16 0.00	24.37 0.27 0.00
HAMLTNNY_34_KV_TB 80303	23.38 0.28 0.00	21.53 0.23 0.00	20.43 0.14 0.00	19.41 0.13 0.00	19.40 0.13 0.00	20.76 0.16 0.00	22.01 0.24 0.00	25.34 0.28 0.00	28.34 0.20 0.00	29.59 0.26 0.00	29.25 0.32 0.00	30.19 0.39 0.00	30.21 0.36 0.00	30.63 0.27 0.00	31.09 0.22 0.00	32.60 0.26 0.00	35.60 0.18 0.00	38.39 0.34 0.00	35.37 0.42 0.00	31.29 0.40 0.00	30.71 0.33 0.00	28.79 0.37 0.00	26.37 0.29 0.00	24.54 0.43 0.00
HAMPSHIRE___PAPER_HYD 323593	22.53 -0.58 0.00	20.70 -0.60 0.00	19.74 -0.55 0.00	18.90 -0.37 0.00	18.92 -0.35 0.00	20.29 -0.31 0.00	21.36 -0.41 0.00	24.49 -0.58 0.00	27.52 -0.62 0.00	28.68 -0.65 0.00	28.24 -0.69 0.00	29.08 -0.72 0.00	29.07 -0.78 0.00	29.48 -0.88 0.00	29.92 -0.96 0.00	31.34 -1.00 0.00	34.47 -0.95 0.00	37.06 -0.99 0.00	34.32 -0.63 0.00	30.33 -0.56 0.00	29.93 -0.45 0.00	27.97 -0.46 0.00	25.62 -0.47 0.00	23.62 -0.48 0.00
HARDSCRABBLE_WT_PWR 323673	22.97 -0.14 0.00	21.14 -0.15 0.00	20.10 -0.18 0.00	19.08 -0.19 0.00	19.06 -0.21 0.00	20.35 -0.25 0.00	21.55 -0.22 0.00	24.84 -0.23 0.00	27.97 -0.17 0.00	29.13 -0.20 0.00	28.82 -0.12 0.00	29.80 0.00 0.00	29.85 0.00 0.00	30.39 0.03 0.00	30.78 -0.09 0.00	32.24 -0.10 0.00	35.32 -0.11 0.00	37.86 -0.19 0.00	34.77 -0.17 0.00	30.70 -0.18 0.00	30.29 -0.09 0.00	28.37 -0.06 0.00	26.01 -0.08 0.00	24.01 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.66 1.55 0.00	22.70 1.41 0.00	21.50 1.22 0.00	20.41 1.14 0.00	20.33 1.06 0.00	21.73 1.13 0.00	23.14 1.37 0.00	26.69 1.63 0.00	30.05 1.91 0.00	31.35 2.02 0.00	30.78 1.85 0.00	31.77 1.97 0.00	31.94 2.09 0.00	32.67 2.31 0.00	33.28 2.41 0.00	35.31 2.62 -0.36	38.70 2.90 -0.37	41.21 2.97 -0.19	37.39 2.45 0.00	33.02 2.13 0.00	32.48 2.10 0.00	30.33 1.90 0.00	27.88 1.80 0.00	25.60 1.49 0.00
HARSNRAD_115KV_TB1 81005	23.66 0.55 0.00	21.61 0.32 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.74 0.14 0.00	21.97 0.20 0.00	24.96 -0.10 0.00	27.30 -0.84 0.00	28.51 -0.82 0.00	28.44 -0.49 0.00	29.47 -0.33 0.00	29.31 -0.54 0.00	29.15 -1.21 0.00	29.73 -1.14 0.00	30.95 -1.39 0.00	33.69 -1.74 0.00	36.76 -1.29 0.00	34.70 -0.24 0.00	31.04 0.15 0.00	30.26 -0.12 0.00	28.48 0.06 0.00	26.16 0.08 0.00	25.23 1.13 0.00
HARZA MOOSE___RIVER 24016	23.34 0.23 0.00	21.44 0.15 0.00	20.36 0.08 0.00	19.50 0.23 0.00	19.54 0.27 0.00	20.95 0.35 0.00	22.12 0.35 0.00	25.42 0.35 0.00	28.59 0.45 0.00	29.74 0.41 0.00	29.34 0.41 0.00	30.28 0.48 0.00	30.24 0.39 0.00	30.75 0.39 0.00	31.12 0.25 0.00	32.56 0.23 0.00	35.78 0.35 0.00	38.47 0.42 0.00	35.54 0.59 0.00	31.41 0.53 0.00	30.99 0.61 0.00	28.99 0.57 0.00	26.53 0.44 0.00	24.49 0.39 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	23.13 0.02 0.00	21.27 -0.02 0.00	20.20 -0.08 0.00	19.19 -0.08 0.00	19.19 -0.08 0.00	20.54 -0.06 0.00	21.75 -0.02 0.00	25.04 -0.03 0.00	28.03 -0.11 0.00	29.24 -0.09 0.00	28.90 -0.03 0.00	29.86 0.06 0.00	29.88 0.03 0.00	30.27 -0.09 0.00	30.69 -0.19 0.00	32.14 -0.19 0.00	35.14 -0.28 0.00	37.86 -0.19 0.00	34.84 -0.10 0.00	30.83 -0.06 0.00	30.29 -0.09 0.00	28.40 -0.03 0.00	26.06 -0.03 0.00	24.20 0.10 0.00
HELLGATE_13_KV_LD 55870	25.05 1.94 0.00	23.06 1.77 0.00	21.85 1.56 0.00	20.72 1.45 0.00	20.68 1.41 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.63 2.69 -0.01	32.51 2.71 0.00	32.66 2.81 0.00	33.43 3.07 -0.01	34.16 3.21 -0.07	36.13 3.36 -0.43	39.58 3.72 -0.44	42.12 3.84 -0.23	38.02 3.08 0.00	33.60 2.72 0.00	32.96 2.58 0.00	30.90 2.47 0.00	28.52 2.43 -0.01	26.08 1.98 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.05 1.94 0.00	23.06 1.77 0.00	21.85 1.56 0.00	20.72 1.45 0.00	20.68 1.41 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.63 2.69 -0.01	32.51 2.71 0.00	32.66 2.81 0.00	33.43 3.07 -0.01	34.16 3.21 -0.07	36.13 3.36 -0.43	39.58 3.72 -0.44	42.12 3.84 -0.23	38.02 3.08 0.00	33.60 2.72 0.00	32.96 2.58 0.00	30.90 2.47 0.00	28.52 2.43 -0.01	26.08 1.98 0.00
HEMPSTEAD____ 23647	28.83 2.17 -3.55	23.73 1.96 -0.48	24.21 1.79 -2.14	21.54 1.66 -0.61	20.94 1.66 -0.01	22.34 1.73 -0.01	28.01 2.03 -4.21	29.73 2.53 -2.14	32.60 2.93 -1.54	32.72 3.08 -0.31	32.00 2.81 -0.26	32.63 2.83 0.00	32.68 2.78 -0.05	33.84 2.94 -0.53	37.17 3.30 -2.99	38.38 3.65 -2.39	39.93 3.93 -0.57	44.83 4.07 -2.71	38.44 3.46 -0.03	34.22 3.03 -0.31	33.28 2.89 -0.02	32.11 2.67 -1.01	30.61 2.63 -1.89	29.81 2.22 -3.49
HEWLETT__69_KV_BK3 55828	29.08 2.43 -3.55	24.00 2.24 -0.48	24.41 1.99 -2.14	21.73 1.85 -0.61	21.12 1.85 0.00	22.56 1.96 0.00	28.22 2.24 -4.21	29.96 2.76 -2.14	32.83 3.15 -1.54	32.98 3.34 -0.31	32.29 3.10 -0.26	32.93 3.13 0.00	33.15 3.25 -0.05	34.38 3.49 -0.53	37.53 3.67 -2.99	38.71 3.98 -2.39	40.35 4.36 -0.57	45.33 4.57 -2.71	38.85 3.88 -0.02	34.53 3.34 -0.31	33.59 3.19 -0.02	32.39 2.96 -1.01	30.87 2.90 -1.89	30.05 2.46 -3.49
HICKLING___1 23621	24.08 0.97 0.00	22.04 0.75 0.00	20.77 0.49 0.00	19.73 0.46 0.00	19.75 0.48 0.00	21.20 0.60 0.00	22.55 0.78 0.00	25.97 0.90 0.00	28.76 0.62 0.00	30.03 0.70 0.00	29.83 0.90 0.00	30.78 0.98 0.00	30.77 0.93 0.00	31.00 0.64 0.00	31.55 0.68 0.00	33.08 0.74 0.00	36.10 0.67 0.00	39.19 1.14 0.00	36.45 1.50 0.00	32.40 1.51 0.00	31.63 1.25 0.00	29.65 1.22 0.00	27.15 1.07 0.00	25.52 1.42 0.00
HICKLING___2 23622	24.08 0.97 0.00	22.04 0.75 0.00	20.77 0.49 0.00	19.73 0.46 0.00	19.75 0.48 0.00	21.20 0.60 0.00	22.55 0.78 0.00	25.97 0.90 0.00	28.76 0.62 0.00	30.03 0.70 0.00	29.83 0.90 0.00	30.78 0.98 0.00	30.77 0.93 0.00	31.00 0.64 0.00	31.55 0.68 0.00	33.08 0.74 0.00	36.10 0.67 0.00	39.19 1.14 0.00	36.45 1.50 0.00	32.40 1.51 0.00	31.63 1.25 0.00	29.65 1.22 0.00	27.15 1.07 0.00	25.52 1.42 0.00
HIGH FALLS___HY 23754	24.75 1.64 0.00	22.78 1.49 0.00	21.60 1.32 0.00	20.49 1.21 0.00	20.39 1.12 0.00	21.77 1.17 0.00	23.16 1.39 0.00	26.67 1.60 0.00	30.00 1.86 0.00	31.27 1.94 0.00	30.75 1.82 0.00	31.74 1.94 0.00	31.91 2.06 0.00	32.64 2.28 0.00	33.22 2.35 0.00	35.16 2.65 -0.17	38.55 2.94 -0.18	41.22 3.08 -0.09	37.43 2.48 0.00	33.02 2.13 0.00	32.51 2.13 0.00	30.39 1.96 0.00	27.94 1.85 0.00	25.67 1.57 0.00
HILLBURN___GT 23639	24.61 1.50 0.00	22.63 1.34 0.00	21.48 1.20 0.00	20.37 1.10 0.00	20.35 1.08 0.00	21.73 1.13 0.00	23.19 1.41 0.00	26.82 1.75 0.00	30.19 2.05 0.00	31.50 2.17 0.00	30.96 2.02 0.00	31.95 2.15 0.00	31.97 2.12 0.00	32.64 2.28 0.00	33.40 2.53 0.00	35.56 2.85 -0.37	38.93 3.12 -0.39	41.40 3.16 -0.19	37.53 2.59 0.00	33.14 2.25 0.00	32.51 2.13 0.00	30.36 1.93 0.00	27.94 1.85 0.00	25.62 1.52 0.00
HILLSIDE_115KV_TB1 80332	23.57 0.46 0.00	21.61 0.32 0.00	20.36 0.08 0.00	19.35 0.08 0.00	19.37 0.10 0.00	20.76 0.16 0.00	22.10 0.33 0.00	25.44 0.38 0.00	28.20 0.06 0.00	29.42 0.09 0.00	29.22 0.29 0.00	30.19 0.39 0.00	30.21 0.36 0.00	30.45 0.09 0.00	30.97 0.09 0.00	32.50 0.16 0.00	35.50 0.07 0.00	38.47 0.42 0.00	35.72 0.77 0.00	31.72 0.83 0.00	30.96 0.58 0.00	29.02 0.60 0.00	26.61 0.52 0.00	24.97 0.87 0.00
HISHELDN_WT_PWR 323625	23.73 0.62 0.00	21.82 0.53 0.00	20.37 0.08 0.00	19.33 0.06 0.00	19.35 0.08 0.00	20.78 0.18 0.00	22.12 0.35 0.00	25.22 0.15 0.00	27.66 -0.48 0.00	28.86 -0.47 0.00	28.76 -0.17 0.00	29.77 -0.03 0.00	30.12 0.27 0.00	30.39 0.03 0.00	30.22 -0.65 0.00	31.18 -1.16 0.00	34.11 -1.31 0.00	37.29 -0.76 0.00	35.16 0.21 0.00	31.44 0.56 0.00	30.62 0.24 0.00	28.82 0.40 0.00	26.45 0.36 0.00	25.31 1.20 0.00
HOLTSVILLE_IC_1 23690	29.17 2.52 -3.55	24.13 2.36 -0.48	24.62 2.19 -2.14	21.96 2.08 -0.61	21.32 2.04 -0.01	22.75 2.14 -0.01	28.42 2.44 -4.21	30.11 2.91 -2.14	33.08 3.40 -1.54	33.10 3.46 -0.31	32.17 2.98 -0.26	32.69 2.89 0.00	32.74 2.84 -0.05	34.02 3.13 -0.53	37.44 3.58 -2.99	38.67 3.94 -2.39	40.35 4.36 -0.57	45.33 4.56 -2.71	39.57 3.98 -0.64	34.66 3.46 -0.31	33.68 3.28 -0.02	32.45 3.01 -1.01	30.94 2.97 -1.89	30.22 2.63 -3.49
HOLTSVILLE_IC_10 23699	29.36 2.70 -3.55	24.30 2.53 -0.48	24.78 2.35 -2.14	22.12 2.23 -0.61	21.47 2.20 -0.01	22.91 2.31 -0.01	28.61 2.63 -4.21	30.33 3.13 -2.14	33.36 3.69 -1.54	33.40 3.76 -0.31	32.49 3.30 -0.26	32.96 3.16 0.00	33.04 3.13 -0.05	34.29 3.40 -0.53	37.78 3.92 -2.99	39.03 4.30 -2.39	40.75 4.75 -0.58	45.75 4.98 -2.71	40.03 4.40 -0.68	35.00 3.80 -0.31	34.02 3.61 -0.02	32.76 3.32 -1.01	31.21 3.23 -1.89	30.43 2.84 -3.49
HOLTSVILLE_IC_2 23691	29.17 2.52 -3.55	24.13 2.36 -0.48	24.62 2.19 -2.14	21.96 2.08 -0.61	21.32 2.04 -0.01	22.75 2.14 -0.01	28.42 2.44 -4.21	30.11 2.91 -2.14	33.08 3.40 -1.54	33.10 3.46 -0.31	32.17 2.98 -0.26	32.69 2.89 0.00	32.74 2.84 -0.05	34.02 3.13 -0.53	37.44 3.58 -2.99	38.67 3.94 -2.39	40.35 4.36 -0.57	45.33 4.56 -2.71	39.57 3.98 -0.64	34.66 3.46 -0.31	33.68 3.28 -0.02	32.45 3.01 -1.01	30.94 2.97 -1.89	30.22 2.63 -3.49
HOLTSVILLE_IC_3 23692	29.17 2.52 -3.55	24.13 2.36 -0.48	24.62 2.19 -2.14	21.96 2.08 -0.61	21.32 2.04 -0.01	22.75 2.14 -0.01	28.42 2.44 -4.21	30.11 2.91 -2.14	33.08 3.40 -1.54	33.10 3.46 -0.31	32.17 2.98 -0.26	32.69 2.89 0.00	32.74 2.84 -0.05	34.02 3.13 -0.53	37.44 3.58 -2.99	38.67 3.94 -2.39	40.35 4.36 -0.57	45.33 4.56 -2.71	39.57 3.98 -0.64	34.66 3.46 -0.31	33.68 3.28 -0.02	32.45 3.01 -1.01	30.94 2.97 -1.89	30.22 2.63 -3.49

HOLTSVILLE_IC_4 23693	29.17 2.52 -3.55	24.13 2.36 -0.48	24.62 2.19 -2.14	21.96 2.08 -0.61	21.32 2.04 -0.01	22.75 2.14 -0.01	28.42 2.44 -4.21	30.11 2.91 -2.14	33.08 3.40 -1.54	33.10 3.46 -0.31	32.17 2.98 -0.26	32.69 2.89 0.00	32.74 2.84 -0.05	34.02 3.13 -0.53	37.44 3.58 -2.99	38.67 3.94 -2.39	40.35 4.36 -0.57	45.33 4.56 -2.71	39.57 3.98 -0.64	34.66 3.46 -0.31	33.68 3.28 -0.02	32.45 3.01 -1.01	30.94 2.97 -1.89	30.22 2.63 -3.49
HOLTSVILLE_IC_5 23694	29.17 2.52 -3.55	24.13 2.36 -0.48	24.62 2.19 -2.14	21.96 2.08 -0.61	21.32 2.04 -0.01	22.75 2.14 -0.01	28.42 2.44 -4.21	30.11 2.91 -2.14	33.08 3.40 -1.54	33.10 3.46 -0.31	32.17 2.98 -0.26	32.69 2.89 0.00	32.74 2.84 -0.05	34.02 3.13 -0.53	37.44 3.58 -2.99	38.67 3.94 -2.39	40.35 4.36 -0.57	45.33 4.56 -2.71	39.57 3.98 -0.64	34.66 3.46 -0.31	33.68 3.28 -0.02	32.45 3.01 -1.01	30.94 2.97 -1.89	30.22 2.63 -3.49
HOLTSVILLE_IC_6 23695	29.36 2.70 -3.55	24.30 2.53 -0.48	24.78 2.35 -2.14	22.12 2.23 -0.61	21.47 2.20 -0.01	22.91 2.31 -0.01	28.61 2.63 -4.21	30.33 3.13 -2.14	33.36 3.69 -1.54	33.40 3.76 -0.31	32.49 3.30 -0.26	32.96 3.16 0.00	33.04 3.13 -0.05	34.29 3.40 -0.53	37.78 3.92 -2.99	39.03 4.30 -2.39	40.75 4.75 -0.58	45.75 4.98 -2.71	40.03 4.40 -0.68	35.00 3.80 -0.31	34.02 3.61 -0.02	32.76 3.32 -1.01	31.21 3.23 -1.89	30.43 2.84 -3.49
HOLTSVILLE_IC_7 23696	29.36 2.70 -3.55	24.30 2.53 -0.48	24.78 2.35 -2.14	22.12 2.23 -0.61	21.47 2.20 -0.01	22.91 2.31 -0.01	28.61 2.63 -4.21	30.33 3.13 -2.14	33.36 3.69 -1.54	33.40 3.76 -0.31	32.49 3.30 -0.26	32.96 3.16 0.00	33.04 3.13 -0.05	34.29 3.40 -0.53	37.78 3.92 -2.99	39.03 4.30 -2.39	40.75 4.75 -0.58	45.75 4.98 -2.71	40.03 4.40 -0.68	35.00 3.80 -0.31	34.02 3.61 -0.02	32.76 3.32 -1.01	31.21 3.23 -1.89	30.43 2.84 -3.49
HOLTSVILLE_IC_8 23697	29.36 2.70 -3.55	24.30 2.53 -0.48	24.78 2.35 -2.14	22.12 2.23 -0.61	21.47 2.20 -0.01	22.91 2.31 -0.01	28.61 2.63 -4.21	30.33 3.13 -2.14	33.36 3.69 -1.54	33.40 3.76 -0.31	32.49 3.30 -0.26	32.96 3.16 0.00	33.04 3.13 -0.05	34.29 3.40 -0.53	37.78 3.92 -2.99	39.03 4.30 -2.39	40.75 4.75 -0.58	45.75 4.98 -2.71	40.03 4.40 -0.68	35.00 3.80 -0.31	34.02 3.61 -0.02	32.76 3.32 -1.01	31.21 3.23 -1.89	30.43 2.84 -3.49
HOLTSVILLE_IC_9 23698	29.36 2.70 -3.55	24.30 2.53 -0.48	24.78 2.35 -2.14	22.12 2.23 -0.61	21.47 2.20 -0.01	22.91 2.31 -0.01	28.61 2.63 -4.21	30.33 3.13 -2.14	33.36 3.69 -1.54	33.40 3.76 -0.31	32.49 3.30 -0.26	32.96 3.16 0.00	33.04 3.13 -0.05	34.29 3.40 -0.53	37.78 3.92 -2.99	39.03 4.30 -2.39	40.75 4.75 -0.58	45.75 4.98 -2.71	40.03 4.40 -0.68	35.00 3.80 -0.31	34.02 3.61 -0.02	32.76 3.32 -1.01	31.21 3.23 -1.89	30.43 2.84 -3.49
HOMER_HL_115KV_TB2 355744	23.69 0.58 0.00	21.68 0.38 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.31 0.04 0.00	20.74 0.14 0.00	22.12 0.35 0.00	25.34 0.28 0.00	27.83 -0.31 0.00	29.01 -0.32 0.00	28.99 0.06 0.00	29.95 0.15 0.00	29.94 0.09 0.00	29.93 -0.43 0.00	30.53 -0.34 0.00	32.05 -0.29 0.00	35.03 -0.39 0.00	38.17 0.11 0.00	35.75 0.80 0.00	31.88 0.99 0.00	30.90 0.52 0.00	29.08 0.65 0.00	26.61 0.52 0.00	25.35 1.25 0.00
HOWARD_WT_PWR 323690	24.10 0.99 0.00	22.12 0.83 0.00	20.69 0.41 0.00	19.68 0.41 0.00	19.71 0.44 0.00	21.20 0.60 0.00	22.58 0.81 0.00	25.89 0.83 0.00	28.53 0.39 0.00	29.80 0.47 0.00	29.63 0.69 0.00	30.69 0.89 0.00	30.95 1.11 0.00	31.24 0.88 0.00	31.15 0.28 0.00	32.27 -0.06 0.00	35.25 -0.18 0.00	38.47 0.42 0.00	36.03 1.08 0.00	32.21 1.33 0.00	31.47 1.09 0.00	29.59 1.17 0.00	27.13 1.04 0.00	25.65 1.54 0.00
HQ_GEN_CEDARS 23644	22.53 -0.58 0.00	20.74 -0.55 0.00	19.86 -0.43 0.00	18.89 -0.39 0.00	18.88 -0.39 0.00	20.21 -0.39 0.00	21.23 -0.54 0.00	24.39 -0.68 0.00	27.44 -0.70 0.00	28.66 -0.67 0.00	28.24 -0.69 0.00	29.11 -0.69 0.00	29.13 -0.72 0.00	29.54 -0.82 0.00	29.98 -0.90 0.00	31.43 -0.91 0.00	34.50 -0.92 0.00	37.06 -0.99 0.00	34.07 -0.87 0.00	30.05 -0.83 0.00	29.62 -0.76 0.00	27.69 -0.74 0.00	25.38 -0.70 0.00	23.43 -0.67 0.00
HQ_GEN_CEDARS_PROXY 323590	22.53 -0.58 0.00	20.74 -0.55 0.00	19.86 -0.43 0.00	18.89 -0.39 0.00	18.88 -0.39 0.00	20.21 -0.39 0.00	21.23 -0.54 0.00	24.39 -0.68 0.00	27.44 -0.70 0.00	28.66 -0.67 0.00	28.24 -0.69 0.00	29.11 -0.68 0.00	29.10 -0.75 0.00	29.48 -0.88 0.00	29.98 -0.90 0.00	31.43 -0.91 0.00	34.50 -0.92 0.00	37.06 -0.99 0.00	34.08 -0.87 0.00	30.05 -0.83 0.00	29.62 -0.76 0.00	27.69 -0.74 0.00	25.38 -0.70 0.00	23.43 -0.67 0.00
HQ_GEN_IMPORT 323601	22.69 -0.42 0.00	20.91 -0.38 0.00	20.02 -0.26 0.00	19.02 -0.25 0.00	19.02 -0.25 0.00	20.33 -0.27 0.00	21.40 -0.37 0.00	24.61 -0.45 0.00	27.66 -0.48 0.00	28.83 -0.50 0.00	28.44 -0.49 0.00	29.29 -0.51 0.00	29.34 -0.51 0.00	29.78 -0.58 0.00	30.32 -0.55 0.00	31.76 -0.58 0.00	34.82 -0.60 0.00	37.40 -0.65 0.00	34.35 -0.59 0.00	30.33 -0.56 0.00	29.86 -0.52 0.00	27.94 -0.48 0.00	25.62 -0.47 0.00	23.64 -0.46 0.00
HQ_GEN_WHEEL 23651	22.69 -0.42 0.00	20.91 -0.38 0.00	20.02 -0.26 0.00	19.02 -0.25 0.00	19.02 -0.25 0.00	20.33 -0.27 0.00	21.40 -0.37 0.00	24.61 -0.45 0.00	27.66 -0.48 0.00	28.83 -0.50 0.00	28.44 -0.49 0.00	29.29 -0.51 0.00	29.34 -0.51 0.00	29.78 -0.58 0.00	30.32 -0.55 0.00	31.76 -0.58 0.00	34.82 -0.60 0.00	37.40 -0.65 0.00	34.35 -0.59 0.00	30.33 -0.56 0.00	29.86 -0.52 0.00	27.94 -0.48 0.00	25.62 -0.47 0.00	23.64 -0.46 0.00
HUDSON_AVE_GT_3 23810	24.98 1.87 0.00	23.02 1.72 0.00	21.80 1.52 0.00	20.68 1.41 0.00	20.66 1.39 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.35 2.28 0.00	30.81 2.67 0.00	32.20 2.87 0.00	31.56 2.63 0.00	32.45 2.65 0.00	32.66 2.81 0.00	33.40 3.04 0.00	34.05 3.18 0.00	36.12 3.36 -0.42	39.55 3.68 -0.44	42.04 3.77 -0.22	38.06 3.11 0.00	33.60 2.72 0.00	32.99 2.61 0.00	30.84 2.42 0.00	28.43 2.35 0.00	26.03 1.93 0.00
HUDSON_AVE_GT_4 23540	24.98 1.87 0.00	23.02 1.72 0.00	21.80 1.52 0.00	20.68 1.41 0.00	20.66 1.39 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.35 2.28 0.00	30.81 2.67 0.00	32.20 2.87 0.00	31.56 2.63 0.00	32.45 2.65 0.00	32.66 2.81 0.00	33.40 3.04 0.00	34.05 3.18 0.00	36.12 3.36 -0.42	39.55 3.68 -0.44	42.04 3.77 -0.22	38.06 3.11 0.00	33.60 2.72 0.00	32.99 2.61 0.00	30.84 2.42 0.00	28.43 2.35 0.00	26.03 1.93 0.00
HUDSON_AVE_GT_5 23657	24.98 1.87 0.00	23.02 1.72 0.00	21.80 1.52 0.00	20.68 1.41 0.00	20.66 1.39 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.35 2.28 0.00	30.81 2.67 0.00	32.20 2.87 0.00	31.56 2.63 0.00	32.45 2.65 0.00	32.66 2.81 0.00	33.40 3.04 0.00	34.05 3.18 0.00	36.12 3.36 -0.42	39.55 3.68 -0.44	42.04 3.77 -0.22	38.06 3.11 0.00	33.60 2.72 0.00	32.99 2.61 0.00	30.84 2.42 0.00	28.43 2.35 0.00	26.03 1.93 0.00

HUDSON_AVE_10 24168	24.91 1.80 0.00	22.95 1.66 0.00	21.74 1.46 0.00	20.62 1.35 0.00	20.60 1.33 0.00	21.98 1.38 0.00	23.49 1.72 0.00	27.30 2.23 0.00	30.79 2.65 0.00	32.17 2.85 0.00	31.45 2.52 0.00	32.36 2.56 0.00	32.54 2.69 0.00	33.30 2.94 0.00	33.96 3.09 0.00	36.03 3.27 -0.42	39.44 3.58 -0.44	41.93 3.65 -0.22	37.95 3.01 0.00	33.51 2.63 0.00	32.90 2.52 0.00	30.73 2.30 0.00	28.38 2.30 0.00	25.96 1.86 0.00
HUDSON___115KV_TB 4 355613	24.24 1.13 0.00	22.38 1.09 0.00	21.26 0.97 0.00	20.14 0.87 0.00	20.10 0.83 0.00	21.44 0.84 0.00	22.77 1.00 0.00	26.17 1.10 0.00	29.46 1.32 0.00	30.62 1.29 0.00	30.09 1.16 0.00	30.96 1.16 0.00	31.04 1.19 0.00	31.73 1.37 0.00	32.32 1.45 0.00	33.66 1.65 0.33	36.96 1.88 0.34	39.82 1.94 0.17	36.49 1.54 0.00	32.25 1.36 0.00	31.87 1.49 0.00	29.73 1.31 0.00	27.26 1.17 0.00	25.02 0.92 0.00
HUNTER MOUNT___DRP 323613	24.33 1.22 0.00	22.46 1.17 0.00	21.34 1.05 0.00	20.22 0.94 0.00	20.12 0.85 0.00	21.46 0.87 0.00	22.79 1.02 0.00	26.12 1.05 0.00	29.41 1.27 0.00	30.53 1.20 0.00	29.97 1.04 0.00	30.81 1.01 0.00	30.86 1.01 0.00	31.54 1.18 0.00	32.17 1.30 0.00	33.73 1.62 0.22	37.07 1.88 0.23	39.88 1.94 0.12	36.38 1.43 0.00	32.15 1.27 0.00	31.87 1.49 0.00	29.76 1.34 0.00	27.26 1.17 0.00	25.04 0.94 0.00
HUNTINGTON_RES_REC 323705	29.24 2.59 -3.55	24.13 2.36 -0.48	24.60 2.17 -2.14	21.92 2.04 -0.61	21.30 2.02 -0.01	22.73 2.12 -0.01	28.42 2.44 -4.21	30.18 2.98 -2.14	33.14 3.46 -1.54	33.25 3.61 -0.31	32.44 3.24 -0.26	32.96 3.16 0.00	33.04 3.13 -0.06	34.29 3.40 -0.53	37.69 3.83 -2.99	38.97 4.24 -2.39	40.63 4.64 -0.57	45.63 4.87 -2.71	40.77 4.23 -1.59	34.84 3.64 -0.31	33.86 3.46 -0.02	32.62 3.18 -1.01	31.10 3.13 -1.89	30.29 2.70 -3.49
HUNTLEY___63 23557	23.85 0.74 0.00	21.80 0.51 0.00	20.43 0.14 0.00	19.41 0.13 0.00	19.42 0.15 0.00	20.83 0.23 0.00	22.12 0.35 0.00	25.14 0.08 0.00	27.49 -0.65 0.00	28.71 -0.62 0.00	28.67 -0.26 0.00	29.71 -0.09 0.00	29.58 -0.27 0.00	29.42 -0.94 0.00	30.01 -0.86 0.00	31.24 -1.10 0.00	34.04 -1.38 0.00	37.14 -0.91 0.00	35.05 0.10 0.00	31.32 0.43 0.00	30.50 0.12 0.00	28.71 0.28 0.00	26.34 0.26 0.00	25.35 1.25 0.00
HUNTLEY___64 23558	23.85 0.74 0.00	21.80 0.51 0.00	20.43 0.14 0.00	19.41 0.13 0.00	19.42 0.15 0.00	20.83 0.23 0.00	22.12 0.35 0.00	25.14 0.08 0.00	27.49 -0.65 0.00	28.71 -0.62 0.00	28.67 -0.26 0.00	29.71 -0.09 0.00	29.58 -0.27 0.00	29.42 -0.94 0.00	30.01 -0.86 0.00	31.24 -1.10 0.00	34.04 -1.38 0.00	37.14 -0.91 0.00	35.05 0.10 0.00	31.32 0.43 0.00	30.50 0.12 0.00	28.71 0.28 0.00	26.34 0.26 0.00	25.35 1.25 0.00
HUNTLEY___65 23559	23.85 0.74 0.00	21.80 0.51 0.00	20.43 0.14 0.00	19.41 0.13 0.00	19.42 0.15 0.00	20.83 0.23 0.00	22.12 0.35 0.00	25.14 0.08 0.00	27.49 -0.65 0.00	28.71 -0.62 0.00	28.67 -0.26 0.00	29.71 -0.09 0.00	29.58 -0.27 0.00	29.42 -0.94 0.00	30.01 -0.86 0.00	31.24 -1.10 0.00	34.04 -1.38 0.00	37.14 -0.91 0.00	35.05 0.10 0.00	31.32 0.43 0.00	30.50 0.12 0.00	28.71 0.28 0.00	26.34 0.26 0.00	25.35 1.25 0.00
HUNTLEY___66 23560	23.85 0.74 0.00	21.80 0.51 0.00	20.43 0.14 0.00	19.41 0.13 0.00	19.42 0.15 0.00	20.83 0.23 0.00	22.12 0.35 0.00	25.14 0.08 0.00	27.49 -0.65 0.00	28.71 -0.62 0.00	28.67 -0.26 0.00	29.71 -0.09 0.00	29.58 -0.27 0.00	29.42 -0.94 0.00	30.01 -0.86 0.00	31.24 -1.10 0.00	34.04 -1.38 0.00	37.14 -0.91 0.00	35.05 0.10 0.00	31.32 0.43 0.00	30.50 0.12 0.00	28.71 0.28 0.00	26.34 0.26 0.00	25.35 1.25 0.00
HUNTLEY___67 23561	23.66 0.55 0.00	21.63 0.34 0.00	20.30 0.02 0.00	19.29 0.02 0.00	19.31 0.04 0.00	20.72 0.12 0.00	22.01 0.24 0.00	25.01 -0.05 0.00	27.38 -0.76 0.00	28.60 -0.73 0.00	28.53 -0.41 0.00	29.53 -0.27 0.00	29.37 -0.48 0.00	29.24 -1.12 0.00	29.82 -1.05 0.00	31.08 -1.26 0.00	33.83 -1.59 0.00	36.91 -1.14 0.00	34.81 -0.14 0.00	31.13 0.25 0.00	30.32 -0.06 0.00	28.54 0.11 0.00	26.21 0.13 0.00	25.21 1.11 0.00
HUNTLEY___68 23562	23.66 0.55 0.00	21.63 0.34 0.00	20.30 0.02 0.00	19.29 0.02 0.00	19.31 0.04 0.00	20.72 0.12 0.00	22.01 0.24 0.00	25.01 -0.05 0.00	27.38 -0.76 0.00	28.60 -0.73 0.00	28.53 -0.41 0.00	29.53 -0.27 0.00	29.37 -0.48 0.00	29.24 -1.12 0.00	29.82 -1.05 0.00	31.08 -1.26 0.00	33.83 -1.59 0.00	36.91 -1.14 0.00	34.81 -0.14 0.00	31.13 0.25 0.00	30.32 -0.06 0.00	28.54 0.11 0.00	26.21 0.13 0.00	25.21 1.11 0.00
HYLAND___LFGE 323620	24.82 1.71 0.00	22.78 1.49 0.00	21.34 1.05 0.00	20.27 1.00 0.00	20.29 1.02 0.00	21.83 1.24 0.00	23.08 1.31 0.00	26.02 0.95 0.00	28.34 0.20 0.00	29.48 0.15 0.00	29.22 0.29 0.00	29.89 0.09 0.00	30.03 0.18 0.00	30.39 0.03 0.00	30.66 -0.21 0.00	31.76 -0.58 0.00	34.86 -0.57 0.00	38.35 0.30 0.00	36.38 1.43 0.00	32.96 2.07 0.00	32.45 2.07 0.00	30.50 2.07 0.00	27.86 1.77 0.00	26.37 2.26 0.00
INDECK___CORINTH 23802	24.22 1.11 0.00	22.31 1.02 0.00	21.20 0.91 0.00	20.08 0.81 0.00	20.08 0.81 0.00	21.48 0.89 0.00	22.84 1.07 0.00	26.42 1.35 0.00	29.74 1.60 0.00	30.97 1.64 0.00	30.29 1.36 0.00	31.11 1.31 0.00	30.89 1.04 0.00	31.45 1.09 0.00	32.08 1.20 0.00	33.10 1.26 0.49	36.36 1.45 0.51	39.27 1.48 0.26	36.48 1.54 0.00	32.21 1.33 0.00	32.08 1.70 0.00	29.87 1.45 0.00	27.36 1.28 0.00	25.11 1.01 0.00
INDECK___ILION 23567	23.11 0.00 0.00	21.29 0.00 0.00	20.26 -0.02 0.00	19.23 -0.04 0.00	19.23 -0.04 0.00	20.56 -0.04 0.00	21.75 -0.02 0.00	25.04 -0.03 0.00	28.17 0.03 0.00	29.33 0.00 0.00	28.96 0.03 0.00	29.89 0.09 0.00	29.94 0.09 0.00	30.45 0.09 0.00	30.90 0.03 0.00	32.37 0.03 0.00	35.46 0.04 0.00	38.09 0.04 0.00	34.98 0.03 0.00	30.92 0.03 0.00	30.47 0.09 0.00	28.51 0.09 0.00	26.14 0.05 0.00	24.15 0.05 0.00
INDECK___OLEAN 23982	23.69 0.58 0.00	21.82 0.53 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.31 0.04 0.00	20.74 0.15 0.00	22.12 0.35 0.00	25.34 0.28 0.00	27.80 -0.34 0.00	29.01 -0.32 0.00	28.99 0.06 0.00	29.95 0.15 0.00	30.36 0.51 0.00	30.63 0.27 0.00	30.72 -0.15 0.00	31.82 -0.52 0.00	34.96 -0.46 0.00	38.09 0.04 0.00	35.72 0.77 0.00	31.88 0.99 0.00	30.90 0.52 0.00	29.08 0.65 0.00	26.61 0.52 0.00	25.35 1.25 0.00
INDECK___OSWEGO 23783	22.85 -0.25 0.00	21.04 -0.25 0.00	20.00 -0.28 0.00	19.00 -0.27 0.00	19.00 -0.27 0.00	20.33 -0.27 0.00	21.51 -0.26 0.00	24.74 -0.33 0.00	27.69 -0.45 0.00	28.86 -0.47 0.00	28.53 -0.41 0.00	29.41 -0.39 0.00	29.49 -0.36 0.00	30.00 -0.36 0.00	30.35 -0.53 0.00	31.76 -0.58 0.00	34.75 -0.67 0.00	37.40 -0.65 0.00	34.46 -0.49 0.00	30.48 -0.40 0.00	29.95 -0.43 0.00	28.05 -0.37 0.00	25.74 -0.34 0.00	23.88 -0.22 0.00

INDECK___YERKES 23781	23.87 0.76 0.00	21.97 0.68 0.00	20.45 0.16 0.00	19.42 0.15 0.00	19.44 0.17 0.00	20.87 0.27 0.00	22.12 0.35 0.00	25.17 0.10 0.00	27.52 -0.62 0.00	28.74 -0.59 0.00	28.70 -0.23 0.00	29.77 -0.03 0.00	30.24 0.39 0.00	30.54 0.18 0.00	30.22 -0.65 0.00	31.04 -1.29 0.00	33.94 -1.49 0.00	37.10 -0.95 0.00	35.05 0.11 0.00	31.35 0.46 0.00	30.53 0.15 0.00	28.74 0.31 0.00	26.34 0.26 0.00	25.38 1.28 0.00
INDIAN POINT_GT_1 24139	24.72 1.62 0.00	22.78 1.49 0.00	21.58 1.30 0.00	20.49 1.21 0.00	20.46 1.19 0.00	21.83 1.24 0.00	23.27 1.50 0.00	26.94 1.88 0.00	30.36 2.22 0.00	31.68 2.35 0.00	31.13 2.20 0.00	32.03 2.23 0.00	32.21 2.36 0.00	32.94 2.58 0.00	33.59 2.72 0.00	35.66 2.91 -0.41	39.08 3.22 -0.43	41.58 3.31 -0.22	37.67 2.73 0.00	33.27 2.38 0.00	32.63 2.25 0.00	30.50 2.07 0.00	28.04 1.96 0.00	25.72 1.61 0.00
INDIAN POINT_GT_2 23659	24.72 1.62 0.00	22.78 1.49 0.00	21.58 1.30 0.00	20.49 1.21 0.00	20.46 1.19 0.00	21.83 1.24 0.00	23.27 1.50 0.00	26.94 1.88 0.00	30.36 2.22 0.00	31.68 2.35 0.00	31.13 2.20 0.00	32.03 2.23 0.00	32.21 2.36 0.00	32.94 2.58 0.00	33.59 2.72 0.00	35.66 2.91 -0.41	39.08 3.22 -0.43	41.58 3.31 -0.22	37.67 2.73 0.00	33.27 2.38 0.00	32.63 2.25 0.00	30.50 2.07 0.00	28.04 1.96 0.00	25.72 1.61 0.00
INDIAN POINT_GT_3 24019	24.72 1.62 0.00	22.78 1.49 0.00	21.58 1.30 0.00	20.49 1.21 0.00	20.46 1.19 0.00	21.83 1.24 0.00	23.27 1.50 0.00	26.94 1.88 0.00	30.36 2.22 0.00	31.68 2.35 0.00	31.13 2.20 0.00	32.03 2.23 0.00	32.21 2.36 0.00	32.94 2.58 0.00	33.59 2.72 0.00	35.66 2.91 -0.41	39.08 3.22 -0.43	41.58 3.31 -0.22	37.67 2.73 0.00	33.27 2.38 0.00	32.63 2.25 0.00	30.50 2.07 0.00	28.04 1.96 0.00	25.72 1.61 0.00
INDIAN POINT___2 23530	24.68 1.57 0.00	22.72 1.43 0.00	21.56 1.28 0.00	20.45 1.18 0.00	20.43 1.16 0.00	21.79 1.19 0.00	23.25 1.48 0.00	26.89 1.83 0.00	30.31 2.17 0.00	31.62 2.29 0.00	31.07 2.14 0.00	31.97 2.17 0.00	32.00 2.15 0.00	32.64 2.28 0.00	33.47 2.59 0.00	35.65 2.91 -0.40	39.03 3.19 -0.41	41.49 3.23 -0.21	37.60 2.65 0.00	33.20 2.32 0.00	32.60 2.22 0.00	30.44 2.02 0.00	28.01 1.93 0.00	25.67 1.57 0.00
INDIAN POINT___3 23531	24.68 1.57 0.00	22.76 1.47 0.00	21.56 1.28 0.00	20.45 1.18 0.00	20.43 1.16 0.00	21.81 1.22 0.00	23.23 1.46 0.00	26.89 1.83 0.00	30.31 2.17 0.00	31.62 2.29 0.00	31.04 2.11 0.00	31.94 2.15 0.00	32.12 2.27 0.00	32.85 2.49 0.00	33.50 2.62 0.00	35.57 2.81 -0.41	38.97 3.12 -0.43	41.46 3.20 -0.22	37.60 2.66 0.00	33.17 2.29 0.00	32.57 2.19 0.00	30.41 1.99 0.00	27.99 1.90 0.00	25.67 1.57 0.00
INGHAM_C_115KV_TB7 356103	22.95 -0.16 0.00	21.14 -0.15 0.00	20.10 -0.18 0.00	19.08 -0.19 0.00	19.06 -0.21 0.00	20.37 -0.23 0.00	21.55 -0.22 0.00	24.81 -0.25 0.00	27.97 -0.17 0.00	29.07 -0.26 0.00	28.76 -0.17 0.00	29.71 -0.09 0.00	29.76 -0.09 0.00	30.30 -0.06 0.00	30.69 -0.19 0.00	32.14 -0.19 0.00	35.21 -0.21 0.00	37.79 -0.27 0.00	34.70 -0.24 0.00	30.64 -0.25 0.00	30.26 -0.12 0.00	28.34 -0.09 0.00	25.98 -0.10 0.00	23.98 -0.12 0.00
IP CORINTH___1 23988	24.36 1.25 0.00	22.44 1.15 0.00	21.30 1.01 0.00	20.18 0.91 0.00	20.18 0.91 0.00	21.59 0.99 0.00	22.97 1.20 0.00	26.54 1.48 0.00	29.91 1.77 0.00	31.15 1.82 0.00	30.47 1.53 0.00	31.29 1.49 0.00	31.13 1.28 0.00	31.76 1.40 0.00	32.29 1.42 0.00	33.27 1.42 0.49	36.54 1.63 0.51	39.47 1.67 0.26	36.70 1.75 0.00	32.40 1.51 0.00	32.23 1.85 0.00	30.04 1.62 0.00	27.52 1.43 0.00	25.23 1.13 0.00
IP___TICONDEROGA 23804	25.72 2.61 0.00	23.66 2.36 0.00	22.45 2.17 0.00	21.26 1.98 0.00	21.27 2.00 0.00	22.80 2.20 0.00	24.32 2.55 0.00	28.20 3.13 0.00	31.83 3.69 0.00	33.14 3.81 0.00	32.49 3.56 0.00	33.52 3.72 0.00	33.22 3.37 0.00	33.85 3.49 0.00	34.21 3.33 0.00	35.16 3.33 0.51	38.65 3.75 0.52	41.78 4.00 0.26	38.83 3.88 0.00	34.32 3.43 0.00	34.24 3.86 0.00	31.84 3.41 0.00	29.11 3.03 0.00	26.68 2.58 0.00
ISLIP_RES_REC 323679	29.52 2.86 -3.55	24.43 2.66 -0.48	24.90 2.47 -2.14	22.23 2.35 -0.61	21.59 2.31 -0.01	23.04 2.43 -0.01	28.77 2.79 -4.21	30.53 3.33 -2.14	33.56 3.88 -1.54	33.63 3.99 -0.31	32.75 3.56 -0.26	33.19 3.40 0.00	33.27 3.37 -0.05	34.56 3.67 -0.53	38.06 4.20 -2.99	39.32 4.59 -2.39	41.07 5.07 -0.58	46.09 5.33 -2.72	40.26 4.68 -0.62	35.28 4.08 -0.32	34.29 3.89 -0.02	32.99 3.55 -1.01	31.41 3.44 -1.89	30.60 3.01 -3.49
JAMAICA__27_KV_LOAD 355505	25.05 1.94 0.00	23.10 1.81 0.00	21.85 1.56 0.00	20.72 1.45 0.00	20.70 1.43 0.00	22.10 1.50 0.00	23.64 1.87 0.00	27.55 2.48 0.00	31.10 2.95 0.00	32.50 3.17 0.00	31.65 2.72 0.00	32.54 2.74 0.00	32.68 2.84 0.00	33.49 3.13 0.00	34.21 3.33 0.00	36.25 3.49 -0.42	39.73 3.86 -0.44	42.31 4.03 -0.22	38.27 3.32 0.00	33.76 2.87 0.00	33.14 2.76 0.00	30.93 2.50 0.00	28.69 2.61 0.00	26.15 2.05 0.00
JANIS___SOLAR 323808	24.40 1.29 0.00	22.40 1.11 0.00	21.16 0.87 0.00	20.12 0.85 0.00	20.18 0.91 0.00	21.65 1.05 0.00	22.99 1.22 0.00	26.44 1.38 0.00	29.41 1.27 0.00	30.53 1.20 0.00	30.18 1.24 0.00	31.11 1.31 0.00	31.13 1.28 0.00	31.63 1.27 0.00	31.92 1.05 0.00	33.44 1.10 0.00	36.70 1.27 0.00	39.77 1.71 0.00	36.94 1.99 0.00	32.77 1.88 0.00	32.23 1.85 0.00	30.19 1.76 0.00	27.60 1.51 0.00	25.67 1.57 0.00
JARVIS____ 23743	23.15 0.05 0.00	21.33 0.04 0.00	20.30 0.02 0.00	19.29 0.02 0.00	19.31 0.04 0.00	20.64 0.04 0.00	21.81 0.04 0.00	25.11 0.05 0.00	28.23 0.08 0.00	29.42 0.09 0.00	29.02 0.09 0.00	29.89 0.09 0.00	29.94 0.09 0.00	30.45 0.09 0.00	30.97 0.09 0.00	32.40 0.06 0.00	35.50 0.07 0.00	38.13 0.08 0.00	35.02 0.07 0.00	30.98 0.09 0.00	30.47 0.09 0.00	28.51 0.09 0.00	26.16 0.08 0.00	24.17 0.07 0.00
JENNISON___1 23625	24.59 1.48 0.00	22.55 1.26 0.00	21.30 1.01 0.00	20.27 1.00 0.00	20.33 1.06 0.00	21.81 1.22 0.00	23.16 1.39 0.00	26.64 1.58 0.00	29.77 1.63 0.00	30.94 1.61 0.00	30.61 1.68 0.00	31.62 1.82 0.00	31.55 1.70 0.00	32.03 1.67 0.00	32.42 1.54 0.00	34.02 1.68 0.00	37.30 1.88 0.00	40.26 2.21 0.00	37.25 2.31 0.00	32.96 2.07 0.00	32.42 2.04 0.00	30.36 1.93 0.00	27.78 1.70 0.00	25.76 1.66 0.00
JENNISON___2 23626	24.59 1.48 0.00	22.55 1.26 0.00	21.30 1.01 0.00	20.27 1.00 0.00	20.33 1.06 0.00	21.81 1.22 0.00	23.16 1.39 0.00	26.64 1.58 0.00	29.77 1.63 0.00	30.94 1.61 0.00	30.61 1.68 0.00	31.62 1.82 0.00	31.55 1.70 0.00	32.03 1.67 0.00	32.42 1.54 0.00	34.02 1.68 0.00	37.30 1.88 0.00	40.26 2.21 0.00	37.25 2.31 0.00	32.96 2.07 0.00	32.42 2.04 0.00	30.36 1.93 0.00	27.78 1.70 0.00	25.76 1.66 0.00

JERICO_RISE_WT_PWR 323719	22.62 -0.49 0.00	20.78 -0.51 0.00	19.90 -0.39 0.00	18.98 -0.29 0.00	19.04 -0.23 0.00	20.37 -0.23 0.00	21.42 -0.35 0.00	24.61 -0.45 0.00	27.63 -0.50 0.00	28.83 -0.50 0.00	28.50 -0.43 0.00	29.38 -0.42 0.00	29.40 -0.45 0.00	29.75 -0.61 0.00	30.38 -0.50 0.00	31.85 -0.48 0.00	35.00 -0.42 0.00	37.60 -0.45 0.00	34.67 -0.28 0.00	30.58 -0.31 0.00	30.14 -0.24 0.00	28.17 -0.26 0.00	25.74 -0.34 0.00	23.74 -0.36 0.00
KATONAH__115KV_46KV_TB4 355592	24.86 1.76 0.00	22.93 1.64 0.00	21.72 1.44 0.00	20.60 1.33 0.00	20.60 1.33 0.00	21.96 1.36 0.00	23.40 1.63 0.00	27.19 2.13 0.00	30.65 2.50 0.00	32.00 2.67 0.00	31.45 2.52 0.00	32.33 2.53 0.00	32.51 2.66 0.00	33.30 2.94 0.00	33.93 3.06 0.00	36.02 3.27 -0.42	39.47 3.61 -0.44	42.00 3.73 -0.22	38.06 3.11 0.00	33.57 2.69 0.00	32.90 2.52 0.00	30.73 2.30 0.00	28.22 2.14 0.00	25.86 1.76 0.00
KCE_NY_1 323755	24.52 1.41 0.00	22.59 1.30 0.00	21.46 1.18 0.00	20.35 1.08 0.00	20.35 1.08 0.00	21.75 1.15 0.00	23.10 1.33 0.00	26.67 1.61 0.00	30.03 1.89 0.00	31.27 1.94 0.00	30.70 1.77 0.00	31.59 1.79 0.00	31.49 1.64 0.00	32.09 1.73 0.00	32.76 1.88 0.00	33.79 1.97 0.52	37.08 2.20 0.54	40.06 2.28 0.27	37.05 2.10 0.00	32.74 1.85 0.00	32.35 1.97 0.00	30.19 1.76 0.00	27.68 1.59 0.00	25.40 1.30 0.00
KCE_NY_6_ESR 323823	23.92 0.81 0.00	22.04 0.74 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.48 0.21 0.00	20.91 0.31 0.00	22.25 0.48 0.00	25.34 0.28 0.00	27.75 -0.39 0.00	28.95 -0.38 0.00	28.90 -0.03 0.00	29.98 0.18 0.00	30.45 0.60 0.00	30.73 0.37 0.00	30.47 -0.40 0.00	31.37 -0.97 0.00	34.33 -1.10 0.00	37.48 -0.57 0.00	35.40 0.45 0.00	31.63 0.74 0.00	30.77 0.39 0.00	28.96 0.54 0.00	26.58 0.49 0.00	25.52 1.42 0.00
KEDC_PORT_JEFF_GT2 24210	29.31 2.66 -3.55	24.26 2.49 -0.48	24.74 2.31 -2.14	22.06 2.18 -0.61	21.44 2.16 -0.01	22.85 2.25 -0.01	28.55 2.57 -4.21	30.26 3.06 -2.14	33.25 3.57 -1.54	33.31 3.67 -0.31	32.40 3.21 -0.26	32.90 3.10 0.00	33.01 3.10 -0.05	34.26 3.37 -0.53	37.69 3.83 -2.99	38.97 4.24 -2.39	40.68 4.68 -0.58	45.68 4.91 -2.71	40.01 4.30 -0.76	34.94 3.74 -0.31	33.95 3.55 -0.02	32.67 3.24 -1.01	31.13 3.15 -1.89	30.36 2.77 -3.49
KEDC_PORT_JEFF_GT3 24211	29.31 2.66 -3.55	24.26 2.49 -0.48	24.74 2.31 -2.14	22.06 2.18 -0.61	21.44 2.16 -0.01	22.85 2.25 -0.01	28.55 2.57 -4.21	30.26 3.06 -2.14	33.25 3.57 -1.54	33.31 3.67 -0.31	32.40 3.21 -0.26	32.90 3.10 0.00	33.01 3.10 -0.05	34.26 3.37 -0.53	37.69 3.83 -2.99	38.97 4.24 -2.39	40.68 4.68 -0.58	45.68 4.91 -2.71	40.01 4.30 -0.76	34.94 3.74 -0.31	33.95 3.55 -0.02	32.67 3.24 -1.01	31.13 3.15 -1.89	30.36 2.77 -3.49
KEDC_GLWD_GT4 24219	28.78 2.12 -3.55	23.69 1.92 -0.48	24.17 1.74 -2.14	21.50 1.62 -0.61	20.90 1.62 -0.01	22.30 1.69 -0.01	27.96 1.98 -4.21	29.68 2.48 -2.14	32.55 2.87 -1.54	32.69 3.05 -0.31	32.06 2.86 -0.26	32.72 2.92 0.00	32.77 2.87 -0.05	33.93 3.04 -0.53	37.23 3.37 -2.99	38.35 3.62 -2.39	39.79 3.79 -0.57	44.68 3.92 -2.71	38.26 3.28 -0.03	34.25 3.06 -0.31	33.31 2.92 -0.02	32.14 2.70 -1.01	30.55 2.58 -1.89	29.76 2.17 -3.49
KEDC_GLWD_GT5 24220	28.78 2.12 -3.55	23.69 1.92 -0.48	24.17 1.74 -2.14	21.50 1.62 -0.61	20.90 1.62 -0.01	22.30 1.69 -0.01	27.96 1.98 -4.21	29.68 2.48 -2.14	32.55 2.87 -1.54	32.69 3.05 -0.31	32.06 2.86 -0.26	32.72 2.92 0.00	32.77 2.87 -0.05	33.93 3.04 -0.53	37.23 3.37 -2.99	38.35 3.62 -2.39	39.79 3.79 -0.57	44.68 3.92 -2.71	38.26 3.28 -0.03	34.25 3.06 -0.31	33.31 2.92 -0.02	32.14 2.70 -1.01	30.55 2.58 -1.89	29.76 2.17 -3.49
KENSICO____ 23655	24.79 1.69 0.00	22.85 1.55 0.00	21.66 1.38 0.00	20.54 1.27 0.00	20.52 1.25 0.00	21.90 1.30 0.00	23.36 1.59 0.00	27.04 1.98 0.00	30.48 2.34 0.00	31.82 2.49 0.00	31.25 2.31 0.00	32.15 2.35 0.00	32.33 2.48 0.00	33.06 2.70 0.00	33.71 2.84 0.00	35.77 3.01 -0.42	39.19 3.33 -0.44	41.70 3.42 -0.22	37.78 2.83 0.00	33.36 2.47 0.00	32.75 2.37 0.00	30.58 2.16 0.00	28.14 2.06 0.00	25.79 1.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.79 1.69 0.00	22.83 1.53 0.00	21.62 1.34 0.00	20.52 1.25 0.00	20.41 1.14 0.00	21.81 1.22 0.00	23.21 1.44 0.00	26.69 1.63 0.00	30.05 1.91 0.00	31.30 1.97 0.00	30.78 1.85 0.00	31.77 1.97 0.00	31.94 2.09 0.00	32.67 2.31 0.00	33.25 2.38 0.00	35.19 2.65 -0.20	38.61 2.98 -0.21	41.24 3.08 -0.11	37.50 2.55 0.00	33.08 2.19 0.00	32.57 2.19 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.72 1.61 0.00
KIAC_JFK_GT1 23816	25.00 1.89 0.00	23.04 1.75 0.00	21.80 1.52 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.06 1.46 0.00	23.58 1.81 0.00	27.47 2.41 0.00	31.01 2.87 0.00	32.41 3.08 0.00	31.56 2.63 0.00	32.42 2.62 0.00	32.60 2.75 0.00	33.40 3.04 0.00	34.11 3.24 0.00	36.16 3.40 -0.42	39.62 3.75 -0.44	42.15 3.88 -0.22	38.13 3.18 0.00	33.67 2.78 0.00	33.05 2.67 0.00	30.84 2.42 0.00	28.59 2.50 0.00	26.08 1.98 0.00
KIAC_JFK_GT2 23817	25.00 1.89 0.00	23.04 1.75 0.00	21.80 1.52 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.06 1.46 0.00	23.58 1.81 0.00	27.47 2.41 0.00	31.01 2.87 0.00	32.41 3.08 0.00	31.56 2.63 0.00	32.42 2.62 0.00	32.60 2.75 0.00	33.40 3.04 0.00	34.11 3.24 0.00	36.16 3.40 -0.42	39.62 3.75 -0.44	42.15 3.88 -0.22	38.13 3.18 0.00	33.67 2.78 0.00	33.05 2.67 0.00	30.84 2.42 0.00	28.59 2.50 0.00	26.08 1.98 0.00
KIAC_JFK____ 323774	25.00 1.90 0.00	22.97 1.68 0.00	21.81 1.52 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.06 1.46 0.00	23.58 1.81 0.00	27.47 2.41 0.00	31.01 2.87 0.00	32.41 3.08 0.00	31.56 2.63 0.00	32.42 2.62 0.00	32.42 2.57 0.00	33.06 2.70 0.00	34.02 3.15 0.00	36.26 3.49 -0.42	39.66 3.79 -0.44	42.19 3.92 -0.22	38.16 3.21 0.00	33.67 2.78 0.00	33.05 2.67 0.00	30.84 2.41 0.00	28.59 2.50 0.00	26.08 1.98 0.00
KINTIGH____ 23543	23.48 0.37 0.00	21.48 0.19 0.00	20.22 -0.06 0.00	19.21 -0.06 0.00	19.23 -0.04 0.00	20.60 0.00 0.00	21.88 0.11 0.00	24.91 -0.15 0.00	27.38 -0.76 0.00	28.60 -0.73 0.00	28.47 -0.46 0.00	29.44 -0.36 0.00	29.25 -0.60 0.00	29.24 -1.12 0.00	29.79 -1.08 0.00	31.04 -1.29 0.00	33.79 -1.63 0.00	36.80 -1.26 0.00	34.56 -0.38 0.00	30.86 -0.03 0.00	30.14 -0.24 0.00	28.34 -0.09 0.00	26.03 -0.05 0.00	24.90 0.80 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.95 -0.16 0.00	21.06 -0.23 0.00	20.14 -0.14 0.00	19.19 -0.08 0.00	19.25 -0.02 0.00	20.60 0.00 0.00	21.71 -0.07 0.00	24.91 -0.15 0.00	27.97 -0.17 0.00	29.18 -0.15 0.00	28.85 -0.09 0.00	29.74 -0.06 0.00	29.79 -0.06 0.00	30.21 -0.15 0.00	30.69 -0.19 0.00	32.18 -0.16 0.00	35.42 0.00 0.00	38.09 0.04 0.00	35.16 0.21 0.00	30.98 0.09 0.00	30.56 0.18 0.00	28.54 0.11 0.00	26.08 0.00 0.00	24.05 -0.05 0.00

LACHUTE____HYDRO 323717	25.72 2.61 0.00	23.66 2.36 0.00	22.46 2.17 0.00	21.26 1.99 0.00	21.29 2.02 0.00	22.80 2.21 0.00	24.32 2.55 0.00	28.20 3.13 0.00	31.83 3.69 0.00	33.14 3.81 0.00	32.49 3.56 0.00	33.52 3.72 0.00	33.16 3.31 0.00	33.76 3.40 0.00	34.21 3.34 0.00	35.16 3.33 0.51	38.69 3.79 0.52	41.78 3.99 0.26	38.83 3.88 0.00	34.31 3.43 0.00	34.24 3.86 0.00	31.83 3.41 0.00	29.11 3.02 0.00	26.68 2.58 0.00
LAWRNCAV_115KV_TB1 80681	22.18 -0.92 0.00	20.40 -0.89 0.00	19.51 -0.77 0.00	18.62 -0.66 0.00	18.60 -0.67 0.00	19.92 -0.68 0.00	20.94 -0.83 0.00	24.04 -1.03 0.00	27.07 -1.07 0.00	28.24 -1.09 0.00	27.83 -1.10 0.00	28.67 -1.13 0.00	28.69 -1.16 0.00	29.12 -1.24 0.00	29.51 -1.36 0.00	30.92 -1.42 0.00	33.97 -1.45 0.00	36.53 -1.52 0.00	33.62 -1.33 0.00	29.65 -1.24 0.00	29.26 -1.12 0.00	27.32 -1.11 0.00	25.01 -1.07 0.00	23.06 -1.04 0.00
LEDERLE____ 23769	24.77 1.66 0.00	22.83 1.53 0.00	21.62 1.34 0.00	20.50 1.23 0.00	20.46 1.19 0.00	21.83 1.24 0.00	23.29 1.52 0.00	26.92 1.85 0.00	30.34 2.19 0.00	31.65 2.32 0.00	31.10 2.17 0.00	32.03 2.23 0.00	32.21 2.36 0.00	32.94 2.58 0.00	33.59 2.72 0.00	35.66 2.94 -0.38	39.08 3.26 -0.40	41.60 3.35 -0.20	37.71 2.76 0.00	33.30 2.41 0.00	32.69 2.31 0.00	30.53 2.10 0.00	28.07 1.98 0.00	25.74 1.64 0.00
LIGHTHSE_115KV_TB6 355974	23.08 -0.02 0.00	21.23 -0.06 0.00	20.16 -0.12 0.00	19.21 -0.06 0.00	19.23 -0.04 0.00	20.58 -0.02 0.00	21.77 0.00 0.00	24.99 -0.08 0.00	27.97 -0.17 0.00	29.15 -0.18 0.00	28.76 -0.17 0.00	29.65 -0.15 0.00	29.64 -0.21 0.00	30.09 -0.27 0.00	30.50 -0.37 0.00	31.98 -0.36 0.00	35.07 -0.35 0.00	37.75 -0.30 0.00	34.84 -0.10 0.00	30.86 -0.03 0.00	30.35 -0.03 0.00	28.42 0.00 0.00	26.03 -0.05 0.00	24.13 0.02 0.00
LINDEN COGEN____ 23786	24.82 1.71 0.00	22.83 1.53 0.00	21.66 1.38 0.00	20.54 1.27 0.00	20.52 1.25 0.00	21.92 1.32 0.00	23.38 1.61 0.00	27.17 2.11 0.00	30.64 2.50 0.00	32.00 2.67 0.00	31.36 2.43 0.00	32.27 2.47 0.00	32.27 2.42 0.00	32.85 2.49 0.00	33.71 2.84 0.00	35.93 3.17 -0.42	39.27 3.40 -0.44	41.70 3.43 -0.22	37.75 2.80 0.00	33.36 2.47 0.00	32.78 2.40 0.00	30.64 2.22 0.00	28.25 2.16 0.00	25.86 1.76 0.00
LINDHRST_69_KV_BK1 356055	29.31 2.66 -3.55	24.24 2.47 -0.48	24.66 2.23 -2.14	21.96 2.08 -0.61	21.35 2.08 0.00	22.78 2.18 0.00	28.48 2.50 -4.21	30.26 3.06 -2.14	33.22 3.55 -1.54	33.34 3.70 -0.31	32.49 3.30 -0.26	33.08 3.28 0.00	33.33 3.43 -0.05	34.66 3.76 -0.53	37.78 3.92 -2.99	39.00 4.27 -2.39	40.68 4.68 -0.58	45.67 4.91 -2.71	39.23 4.26 -0.02	34.88 3.68 -0.31	33.93 3.52 -0.02	32.70 3.27 -1.01	31.18 3.21 -1.89	30.36 2.77 -3.49
LIPA_MISC_IPP 23656	29.13 2.47 -3.55	24.17 2.41 -0.48	24.66 2.23 -2.14	22.02 2.14 -0.61	21.35 2.08 0.00	22.76 2.16 0.00	28.46 2.48 -4.21	30.16 2.96 -2.14	33.08 3.41 -1.54	33.10 3.46 -0.31	32.17 2.98 -0.26	32.69 2.89 0.00	32.98 3.07 -0.05	34.47 3.58 -0.53	37.50 3.64 -2.99	38.71 3.98 -2.39	40.39 4.39 -0.57	45.37 4.60 -2.71	39.09 4.12 -0.02	34.78 3.58 -0.31	33.80 3.40 -0.02	32.53 3.10 -1.01	30.97 3.00 -1.89	30.19 2.60 -3.49
LISF____SOLAR 323691	29.17 2.52 -3.55	24.17 2.41 -0.48	24.68 2.25 -2.14	22.04 2.16 -0.61	21.40 2.12 -0.01	22.81 2.21 -0.01	28.48 2.50 -4.21	30.18 2.98 -2.14	33.20 3.52 -1.54	33.13 3.49 -0.31	32.20 3.01 -0.26	32.75 2.95 0.00	32.83 2.93 -0.05	34.11 3.22 -0.53	37.50 3.64 -2.99	38.74 4.01 -2.39	40.46 4.46 -0.58	45.44 4.68 -2.71	39.73 4.12 -0.66	34.84 3.64 -0.31	33.86 3.46 -0.02	32.59 3.15 -1.01	31.00 3.02 -1.89	30.24 2.65 -3.49
LITTLE FALLS____HYD 24013	22.95 -0.16 0.00	21.14 -0.15 0.00	20.10 -0.18 0.00	19.08 -0.19 0.00	19.06 -0.21 0.00	20.37 -0.23 0.00	21.55 -0.22 0.00	24.81 -0.25 0.00	27.97 -0.17 0.00	29.07 -0.26 0.00	28.76 -0.17 0.00	29.71 -0.09 0.00	29.76 -0.09 0.00	30.30 -0.06 0.00	30.69 -0.19 0.00	32.14 -0.19 0.00	35.21 -0.21 0.00	37.79 -0.27 0.00	34.70 -0.24 0.00	30.64 -0.25 0.00	30.26 -0.12 0.00	28.34 -0.09 0.00	25.98 -0.10 0.00	23.98 -0.12 0.00
LITTLRIV_115KV_TB1 356100	22.39 -0.72 0.00	20.57 -0.72 0.00	19.68 -0.61 0.00	18.77 -0.50 0.00	18.77 -0.50 0.00	20.12 -0.47 0.00	21.14 -0.63 0.00	24.24 -0.83 0.00	27.30 -0.84 0.00	28.48 -0.85 0.00	28.06 -0.87 0.00	28.96 -0.83 0.00	28.95 -0.90 0.00	29.36 -1.00 0.00	29.73 -1.14 0.00	31.14 -1.20 0.00	34.26 -1.17 0.00	36.80 -1.26 0.00	33.90 -1.05 0.00	29.90 -0.99 0.00	29.53 -0.85 0.00	27.57 -0.85 0.00	25.22 -0.86 0.00	23.26 -0.84 0.00
LI_NEWBRDGE____DRP 323616	28.76 2.10 -3.55	23.73 1.96 -0.48	24.17 1.74 -2.14	21.50 1.62 -0.61	20.89 1.62 0.00	22.31 1.71 0.00	27.96 1.98 -4.21	29.66 2.46 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.82 2.63 -0.26	32.42 2.62 0.00	32.68 2.78 -0.05	33.93 3.04 -0.53	37.04 3.18 -2.99	38.19 3.46 -2.39	39.75 3.75 -0.57	44.68 3.92 -2.71	38.29 3.32 -0.02	34.07 2.87 -0.31	33.13 2.73 -0.02	31.97 2.53 -1.01	30.50 2.53 -1.89	29.73 2.15 -3.49
LOCKPORT_115KV_TB60_63_64 80432	23.64 0.53 0.00	21.61 0.32 0.00	20.26 -0.02 0.00	19.25 -0.02 0.00	19.27 0.00 0.00	20.76 0.16 0.00	21.97 0.20 0.00	24.96 -0.10 0.00	27.30 -0.84 0.00	28.51 -0.82 0.00	28.44 -0.49 0.00	29.50 -0.30 0.00	29.31 -0.54 0.00	29.18 -1.18 0.00	29.76 -1.11 0.00	30.95 -1.39 0.00	33.69 -1.74 0.00	36.76 -1.29 0.00	34.74 -0.21 0.00	31.04 0.15 0.00	30.26 -0.12 0.00	28.48 0.06 0.00	26.16 0.08 0.00	25.23 1.13 0.00
LOCKPORT____CC1 323769	23.64 0.53 0.00	21.84 0.55 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.68 0.08 0.00	22.01 0.24 0.00	24.96 -0.10 0.00	27.30 -0.84 0.00	28.51 -0.82 0.00	28.44 -0.49 0.00	29.47 -0.33 0.00	29.94 0.09 0.00	30.24 -0.12 0.00	29.92 -0.96 0.00	30.72 -1.62 0.00	33.55 -1.88 0.00	36.68 -1.37 0.00	34.71 -0.24 0.00	31.04 0.16 0.00	30.26 -0.12 0.00	28.48 0.06 0.00	26.16 0.08 0.00	25.23 1.13 0.00
LOCKPORT____CC2 323770	23.64 0.53 0.00	21.84 0.55 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.68 0.08 0.00	22.01 0.24 0.00	24.96 -0.10 0.00	27.30 -0.84 0.00	28.51 -0.82 0.00	28.44 -0.49 0.00	29.47 -0.33 0.00	29.94 0.09 0.00	30.24 -0.12 0.00	29.92 -0.96 0.00	30.72 -1.62 0.00	33.55 -1.88 0.00	36.68 -1.37 0.00	34.71 -0.24 0.00	31.04 0.16 0.00	30.26 -0.12 0.00	28.48 0.06 0.00	26.16 0.08 0.00	25.23 1.13 0.00
LOCKPORT____CC3 323771	23.64 0.53 0.00	21.84 0.55 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.68 0.08 0.00	22.01 0.24 0.00	24.96 -0.10 0.00	27.30 -0.84 0.00	28.51 -0.82 0.00	28.44 -0.49 0.00	29.47 -0.33 0.00	29.94 0.09 0.00	30.24 -0.12 0.00	29.92 -0.96 0.00	30.72 -1.62 0.00	33.55 -1.88 0.00	36.68 -1.37 0.00	34.71 -0.24 0.00	31.04 0.16 0.00	30.26 -0.12 0.00	28.48 0.06 0.00	26.16 0.08 0.00	25.23 1.13 0.00

LONG_LAKE_PHOENIX 24014	22.99 -0.12 0.00	21.16 -0.13 0.00	20.10 -0.18 0.00	19.10 -0.17 0.00	19.10 -0.17 0.00	20.43 -0.16 0.00	21.62 -0.15 0.00	24.89 -0.18 0.00	27.83 -0.31 0.00	29.04 -0.29 0.00	28.70 -0.23 0.00	29.65 -0.15 0.00	29.67 -0.18 0.00	30.09 -0.27 0.00	30.53 -0.34 0.00	31.98 -0.36 0.00	35.00 -0.43 0.00	37.67 -0.38 0.00	34.70 -0.24 0.00	30.67 -0.22 0.00	30.17 -0.21 0.00	28.25 -0.17 0.00	25.90 -0.18 0.00	24.05 -0.05 0.00
LOVETT___3 23632	24.66 1.55 0.00	22.72 1.43 0.00	21.52 1.24 0.00	20.43 1.16 0.00	20.39 1.12 0.00	21.77 1.17 0.00	23.21 1.44 0.00	26.84 1.78 0.00	30.22 2.08 0.00	31.56 2.23 0.00	30.99 2.05 0.00	31.91 2.12 0.00	32.09 2.24 0.00	32.82 2.46 0.00	33.47 2.59 0.00	35.54 2.81 -0.39	38.94 3.12 -0.40	41.41 3.16 -0.20	37.57 2.62 0.00	33.17 2.29 0.00	32.54 2.16 0.00	30.39 1.96 0.00	27.96 1.88 0.00	25.64 1.54 0.00
LOVETT___4 23642	24.66 1.55 0.00	22.72 1.43 0.00	21.52 1.24 0.00	20.43 1.16 0.00	20.39 1.12 0.00	21.77 1.17 0.00	23.21 1.44 0.00	26.84 1.78 0.00	30.22 2.08 0.00	31.56 2.23 0.00	30.99 2.05 0.00	31.91 2.12 0.00	32.09 2.24 0.00	32.82 2.46 0.00	33.47 2.59 0.00	35.54 2.81 -0.39	38.94 3.12 -0.40	41.41 3.16 -0.20	37.57 2.62 0.00	33.17 2.29 0.00	32.54 2.16 0.00	30.39 1.96 0.00	27.96 1.88 0.00	25.64 1.54 0.00
LOVETT___5 23593	24.66 1.55 0.00	22.72 1.43 0.00	21.52 1.24 0.00	20.43 1.16 0.00	20.39 1.12 0.00	21.77 1.17 0.00	23.21 1.44 0.00	26.84 1.78 0.00	30.22 2.08 0.00	31.56 2.23 0.00	30.99 2.05 0.00	31.91 2.12 0.00	32.09 2.24 0.00	32.82 2.46 0.00	33.47 2.59 0.00	35.54 2.81 -0.39	38.94 3.12 -0.40	41.41 3.16 -0.20	37.57 2.62 0.00	33.17 2.29 0.00	32.54 2.16 0.00	30.39 1.96 0.00	27.96 1.88 0.00	25.64 1.54 0.00
LOWER RAQUET___HYD 24057	22.07 -1.04 0.00	20.27 -1.02 0.00	19.41 -0.87 0.00	18.50 -0.77 0.00	18.50 -0.77 0.00	19.82 -0.78 0.00	20.84 -0.94 0.00	23.91 -1.15 0.00	26.93 -1.21 0.00	28.10 -1.23 0.00	27.69 -1.24 0.00	28.52 -1.28 0.00	28.51 -1.34 0.00	28.84 -1.52 0.00	29.33 -1.54 0.00	30.79 -1.55 0.00	33.80 -1.63 0.00	36.34 -1.71 0.00	33.48 -1.47 0.00	29.50 -1.39 0.00	29.11 -1.27 0.00	27.20 -1.22 0.00	24.88 -1.20 0.00	22.94 -1.16 0.00
LOWER___HUDSON 24059	24.15 1.04 0.00	22.29 1.00 0.00	21.18 0.89 0.00	20.08 0.81 0.00	20.08 0.81 0.00	21.44 0.84 0.00	22.77 1.00 0.00	26.27 1.20 0.00	29.55 1.41 0.00	30.74 1.41 0.00	30.24 1.30 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.69 1.33 0.00	32.39 1.51 0.00	33.34 1.65 0.65	36.56 1.81 0.67	39.54 1.83 0.34	36.52 1.57 0.00	32.28 1.39 0.00	31.81 1.43 0.00	29.67 1.25 0.00	27.23 1.15 0.00	24.99 0.89 0.00
LOWVILLE_115KV_TB2 356335	22.99 -0.12 0.00	21.10 -0.19 0.00	20.06 -0.22 0.00	19.35 0.08 0.00	19.37 0.10 0.00	20.78 0.19 0.00	21.92 0.15 0.00	25.14 0.08 0.00	28.23 0.08 0.00	29.36 0.03 0.00	28.93 0.00 0.00	29.80 0.00 0.00	29.76 -0.09 0.00	30.24 -0.12 0.00	30.63 -0.25 0.00	32.08 -0.26 0.00	35.28 -0.14 0.00	37.98 -0.08 0.00	35.37 0.42 0.00	31.29 0.40 0.00	30.90 0.52 0.00	28.91 0.48 0.00	26.45 0.37 0.00	24.41 0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.49 1.39 0.00	22.61 1.32 0.00	21.46 1.18 0.00	20.33 1.06 0.00	20.35 1.08 0.00	21.73 1.13 0.00	23.10 1.33 0.00	26.64 1.58 0.00	30.00 1.86 0.00	31.24 1.91 0.00	30.67 1.74 0.00	31.56 1.76 0.00	31.55 1.70 0.00	32.18 1.82 0.00	32.76 1.88 0.00	33.76 1.94 0.52	37.05 2.16 0.54	40.02 2.25 0.27	37.01 2.06 0.00	32.71 1.82 0.00	32.32 1.94 0.00	30.16 1.73 0.00	27.65 1.57 0.00	25.40 1.30 0.00
LUTHERNY_35_KV_BK2 355980	24.52 1.41 0.00	22.61 1.32 0.00	21.46 1.18 0.00	20.35 1.08 0.00	20.35 1.08 0.00	21.75 1.15 0.00	23.10 1.33 0.00	26.67 1.60 0.00	30.03 1.89 0.00	31.27 1.94 0.00	30.70 1.76 0.00	31.59 1.79 0.00	31.55 1.70 0.00	32.21 1.85 0.00	32.76 1.88 0.00	33.76 1.94 0.52	37.08 2.20 0.54	40.06 2.28 0.27	37.05 2.10 0.00	32.74 1.85 0.00	32.35 1.97 0.00	30.19 1.76 0.00	27.68 1.59 0.00	25.40 1.30 0.00
LWR___OSWEGATCHIE_HYD 23850	22.53 -0.58 0.00	20.70 -0.60 0.00	19.74 -0.55 0.00	18.91 -0.37 0.00	18.92 -0.35 0.00	20.29 -0.31 0.00	21.36 -0.41 0.00	24.49 -0.58 0.00	27.52 -0.62 0.00	28.68 -0.65 0.00	28.24 -0.69 0.00	29.08 -0.72 0.00	29.04 -0.81 0.00	29.51 -0.85 0.00	29.92 -0.96 0.00	31.34 -1.00 0.00	34.47 -0.96 0.00	37.06 -0.99 0.00	34.32 -0.63 0.00	30.33 -0.56 0.00	29.92 -0.46 0.00	27.97 -0.45 0.00	25.61 -0.47 0.00	23.62 -0.48 0.00
LYONS_FALL_HYD 23570	23.36 0.25 0.00	21.44 0.15 0.00	20.37 0.08 0.00	19.50 0.23 0.00	19.54 0.27 0.00	20.95 0.35 0.00	22.12 0.35 0.00	25.42 0.35 0.00	28.59 0.45 0.00	29.74 0.41 0.00	29.34 0.40 0.00	30.27 0.48 0.00	30.27 0.42 0.00	30.78 0.42 0.00	31.12 0.25 0.00	32.57 0.23 0.00	35.78 0.35 0.00	38.47 0.42 0.00	35.54 0.59 0.00	31.41 0.52 0.00	30.99 0.61 0.00	28.99 0.57 0.00	26.53 0.44 0.00	24.49 0.38 0.00
MADISON___COUNTY_LFGE 323628	23.75 0.65 0.00	21.82 0.53 0.00	20.71 0.43 0.00	19.71 0.44 0.00	19.75 0.48 0.00	21.18 0.58 0.00	22.40 0.63 0.00	25.79 0.73 0.00	28.98 0.84 0.00	30.12 0.79 0.00	29.77 0.84 0.00	30.75 0.95 0.00	30.71 0.87 0.00	31.21 0.85 0.00	31.61 0.74 0.00	33.08 0.74 0.00	36.27 0.85 0.00	39.04 0.99 0.00	35.96 1.01 0.00	31.75 0.86 0.00	31.26 0.88 0.00	29.28 0.85 0.00	26.79 0.70 0.00	24.78 0.67 0.00
MALONE___115KV_TB1 356076	22.65 -0.46 0.00	20.80 -0.49 0.00	19.90 -0.39 0.00	18.96 -0.31 0.00	19.00 -0.27 0.00	20.35 -0.25 0.00	21.44 -0.33 0.00	24.61 -0.45 0.00	27.69 -0.45 0.00	28.92 -0.41 0.00	28.56 -0.38 0.00	29.44 -0.36 0.00	29.46 -0.39 0.00	29.84 -0.52 0.00	30.32 -0.56 0.00	31.79 -0.55 0.00	34.93 -0.50 0.00	37.59 -0.46 0.00	34.67 -0.28 0.00	30.55 -0.34 0.00	30.14 -0.24 0.00	28.11 -0.31 0.00	25.69 -0.39 0.00	23.69 -0.41 0.00
MAPLEWOD_115KV_TB3 80458	24.17 1.06 0.00	22.34 1.04 0.00	21.20 0.91 0.00	20.10 0.83 0.00	20.10 0.83 0.00	21.44 0.84 0.00	22.77 1.00 0.00	26.27 1.20 0.00	29.60 1.46 0.00	30.80 1.47 0.00	30.32 1.39 0.00	31.20 1.40 0.00	31.28 1.43 0.00	31.94 1.58 0.00	32.51 1.64 0.00	33.53 1.68 0.49	36.79 1.88 0.51	39.74 1.94 0.26	36.59 1.64 0.00	32.34 1.45 0.00	31.87 1.49 0.00	29.73 1.31 0.00	27.28 1.20 0.00	25.04 0.94 0.00
MAPLE RIDGE_WT_1 323574	22.09 -1.02 0.00	20.40 -0.89 0.00	19.47 -0.81 0.00	18.58 -0.69 0.00	18.65 -0.62 0.00	19.92 -0.68 0.00	21.05 -0.72 0.00	24.36 -0.70 0.00	27.52 -0.62 0.00	28.77 -0.56 0.00	28.44 -0.49 0.00	29.32 -0.48 0.00	29.31 -0.54 0.00	29.78 -0.58 0.00	30.26 -0.62 0.00	31.63 -0.71 0.00	34.61 -0.81 0.00	37.18 -0.87 0.00	34.21 -0.74 0.00	30.33 -0.56 0.00	29.89 -0.49 0.00	27.97 -0.46 0.00	25.67 -0.42 0.00	23.74 -0.36 0.00

MAPLE RIDGE_WT_2 323611	22.09 -1.02 0.00	20.40 -0.89 0.00	19.47 -0.81 0.00	18.58 -0.69 0.00	18.65 -0.62 0.00	19.92 -0.68 0.00	21.05 -0.72 0.00	24.36 -0.70 0.00	27.52 -0.62 0.00	28.77 -0.56 0.00	28.44 -0.49 0.00	29.32 -0.48 0.00	29.31 -0.54 0.00	29.78 -0.58 0.00	30.26 -0.62 0.00	31.63 -0.71 0.00	34.61 -0.81 0.00	37.18 -0.87 0.00	34.21 -0.74 0.00	30.33 -0.56 0.00	29.89 -0.49 0.00	27.97 -0.46 0.00	25.67 -0.42 0.00	23.74 -0.36 0.00
MARBLE RIVER_WT_PWR 323696	22.69 -0.42 0.00	20.87 -0.43 0.00	19.96 -0.33 0.00	19.02 -0.25 0.00	19.10 -0.17 0.00	20.43 -0.17 0.00	21.49 -0.28 0.00	24.66 -0.40 0.00	27.69 -0.45 0.00	28.92 -0.41 0.00	28.59 -0.35 0.00	29.47 -0.33 0.00	29.49 -0.36 0.00	29.84 -0.52 0.00	30.47 -0.40 0.00	31.92 -0.42 0.00	35.11 -0.32 0.00	37.75 -0.31 0.00	34.81 -0.14 0.00	30.67 -0.21 0.00	30.26 -0.12 0.00	28.25 -0.17 0.00	25.82 -0.26 0.00	23.84 -0.26 0.00
MARSHVLE_115KV_TB1 80742	25.28 2.17 0.00	23.25 1.96 0.00	22.05 1.76 0.00	20.91 1.64 0.00	20.95 1.68 0.00	22.45 1.85 0.00	23.88 2.11 0.00	27.52 2.46 0.00	30.81 2.67 0.00	31.82 2.49 0.00	31.36 2.43 0.00	32.30 2.50 0.00	32.27 2.42 0.00	32.88 2.52 0.00	33.40 2.53 0.00	34.71 2.68 0.31	38.18 3.08 0.32	41.27 3.39 0.16	38.13 3.18 0.00	33.73 2.84 0.00	33.51 3.13 0.00	31.18 2.76 0.00	28.56 2.48 0.00	26.29 2.19 0.00
MARSH_HILL_WT_PWR 323713	24.10 0.99 0.00	22.12 0.83 0.00	20.69 0.41 0.00	19.68 0.41 0.00	19.71 0.44 0.00	21.20 0.60 0.00	22.58 0.81 0.00	25.87 0.80 0.00	28.53 0.39 0.00	29.77 0.44 0.00	29.60 0.67 0.00	30.66 0.86 0.00	30.92 1.07 0.00	31.21 0.85 0.00	31.15 0.28 0.00	32.27 -0.06 0.00	35.28 -0.14 0.00	38.47 0.42 0.00	36.07 1.12 0.00	32.21 1.33 0.00	31.47 1.09 0.00	29.56 1.14 0.00	27.13 1.04 0.00	25.65 1.54 0.00
MCINTYRE_115KV_TB2 80467	22.65 -0.46 0.00	20.82 -0.47 0.00	19.92 -0.37 0.00	18.98 -0.29 0.00	19.00 -0.27 0.00	20.35 -0.25 0.00	21.36 -0.41 0.00	24.46 -0.60 0.00	27.58 -0.56 0.00	28.74 -0.59 0.00	28.32 -0.61 0.00	29.17 -0.63 0.00	29.16 -0.69 0.00	29.57 -0.79 0.00	30.01 -0.86 0.00	31.43 -0.91 0.00	34.57 -0.85 0.00	37.18 -0.88 0.00	34.25 -0.70 0.00	30.21 -0.68 0.00	29.83 -0.55 0.00	27.86 -0.57 0.00	25.48 -0.60 0.00	23.50 -0.60 0.00
MECO____69_KV_BK1 80468	25.67 2.56 0.00	23.59 2.30 0.00	22.37 2.09 0.00	21.20 1.93 0.00	21.24 1.97 0.00	22.78 2.18 0.00	24.25 2.48 0.00	27.87 2.81 0.00	31.15 3.01 0.00	32.12 2.79 0.00	31.56 2.63 0.00	33.20 3.40 0.00	33.10 3.25 0.00	33.67 3.31 0.00	33.59 2.72 0.00	34.94 2.94 0.34	38.47 3.40 0.36	41.68 3.81 0.18	38.58 3.63 0.00	34.13 3.24 0.00	34.06 3.68 0.00	31.69 3.27 0.00	28.98 2.90 0.00	26.66 2.55 0.00
MENANDS__115KV_TB5 355628	23.94 0.83 0.00	22.12 0.83 0.00	21.01 0.73 0.00	19.93 0.66 0.00	19.92 0.66 0.00	21.26 0.66 0.00	22.55 0.78 0.00	26.02 0.95 0.00	29.29 1.15 0.00	30.47 1.14 0.00	30.00 1.07 0.00	30.87 1.07 0.00	30.95 1.10 0.00	31.64 1.28 0.00	32.20 1.33 0.00	33.22 1.39 0.50	36.46 1.56 0.52	39.35 1.56 0.26	36.21 1.26 0.00	32.00 1.11 0.00	31.50 1.12 0.00	29.42 0.99 0.00	27.00 0.91 0.00	24.78 0.67 0.00
MG INDUSTRY___DRP 24185	23.99 0.88 0.00	22.17 0.87 0.00	21.05 0.77 0.00	19.97 0.69 0.00	19.98 0.71 0.00	21.32 0.72 0.00	22.60 0.83 0.00	26.04 0.98 0.00	29.32 1.18 0.00	30.50 1.17 0.00	30.00 1.07 0.00	30.87 1.07 0.00	30.95 1.10 0.00	31.60 1.24 0.00	32.17 1.30 0.00	33.36 1.33 0.31	36.59 1.49 0.32	39.41 1.52 0.16	36.24 1.29 0.00	32.00 1.11 0.00	31.53 1.15 0.00	29.45 1.02 0.00	27.05 0.97 0.00	24.85 0.75 0.00
MID___OSWEGATCHIE_HYD 23849	22.53 -0.58 0.00	20.70 -0.60 0.00	19.74 -0.55 0.00	18.91 -0.37 0.00	18.92 -0.35 0.00	20.29 -0.31 0.00	21.36 -0.41 0.00	24.49 -0.58 0.00	27.52 -0.62 0.00	28.68 -0.65 0.00	28.24 -0.69 0.00	29.08 -0.72 0.00	29.04 -0.81 0.00	29.51 -0.85 0.00	29.92 -0.96 0.00	31.34 -1.00 0.00	34.47 -0.96 0.00	37.06 -0.99 0.00	34.32 -0.63 0.00	30.33 -0.56 0.00	29.92 -0.46 0.00	27.97 -0.45 0.00	25.61 -0.47 0.00	23.62 -0.48 0.00
MID___RAQUETTE_HYD 23851	22.07 -1.04 0.00	20.27 -1.02 0.00	19.41 -0.87 0.00	18.50 -0.77 0.00	18.50 -0.77 0.00	19.82 -0.78 0.00	20.83 -0.94 0.00	23.91 -1.15 0.00	26.93 -1.21 0.00	28.10 -1.23 0.00	27.69 -1.24 0.00	28.52 -1.28 0.00	28.54 -1.31 0.00	28.96 -1.40 0.00	29.36 -1.51 0.00	30.75 -1.58 0.00	33.79 -1.63 0.00	36.34 -1.71 0.00	33.48 -1.47 0.00	29.50 -1.39 0.00	29.10 -1.28 0.00	27.20 -1.22 0.00	24.88 -1.20 0.00	22.94 -1.16 0.00
MILLIKEN___1 23584	23.85 0.74 0.00	21.91 0.62 0.00	20.77 0.49 0.00	19.73 0.46 0.00	19.73 0.46 0.00	21.13 0.54 0.00	22.42 0.65 0.00	25.84 0.78 0.00	28.84 0.70 0.00	30.06 0.73 0.00	29.74 0.81 0.00	30.72 0.92 0.00	30.71 0.87 0.00	31.15 0.79 0.00	31.58 0.71 0.00	33.11 0.78 0.00	36.24 0.81 0.00	39.15 1.10 0.00	36.17 1.22 0.00	32.00 1.11 0.00	31.41 1.03 0.00	29.42 0.99 0.00	26.94 0.86 0.00	25.04 0.94 0.00
MILLIKEN___2 23585	23.85 0.74 0.00	21.91 0.62 0.00	20.77 0.49 0.00	19.73 0.46 0.00	19.73 0.46 0.00	21.13 0.54 0.00	22.42 0.65 0.00	25.84 0.78 0.00	28.84 0.70 0.00	30.06 0.73 0.00	29.74 0.81 0.00	30.72 0.92 0.00	30.71 0.87 0.00	31.15 0.79 0.00	31.58 0.71 0.00	33.11 0.78 0.00	36.24 0.81 0.00	39.15 1.10 0.00	36.17 1.22 0.00	32.00 1.11 0.00	31.41 1.03 0.00	29.42 0.99 0.00	26.94 0.86 0.00	25.04 0.94 0.00
MILLIKEN___DIESEL 23629	23.85 0.74 0.00	21.91 0.62 0.00	20.77 0.49 0.00	19.73 0.46 0.00	19.73 0.46 0.00	21.13 0.54 0.00	22.42 0.65 0.00	25.84 0.78 0.00	28.84 0.70 0.00	30.06 0.73 0.00	29.74 0.81 0.00	30.72 0.92 0.00	30.71 0.87 0.00	31.15 0.79 0.00	31.58 0.71 0.00	33.11 0.78 0.00	36.24 0.81 0.00	39.15 1.10 0.00	36.17 1.22 0.00	32.00 1.11 0.00	31.41 1.03 0.00	29.42 0.99 0.00	26.94 0.86 0.00	25.04 0.94 0.00
MILLSEAT___LFGE 323607	23.99 0.88 0.00	22.14 0.85 0.00	20.57 0.28 0.00	19.54 0.27 0.00	19.54 0.27 0.00	21.01 0.41 0.00	22.36 0.59 0.00	25.44 0.38 0.00	27.86 -0.28 0.00	29.07 -0.26 0.00	29.02 0.09 0.00	30.07 0.27 0.00	30.48 0.63 0.00	30.82 0.46 0.00	30.47 -0.40 0.00	31.34 -1.00 0.00	34.22 -1.20 0.00	37.40 -0.65 0.00	35.30 0.35 0.00	31.57 0.68 0.00	30.84 0.46 0.00	28.99 0.57 0.00	26.58 0.49 0.00	25.55 1.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.72 1.62 0.00	22.80 1.51 0.00	21.60 1.32 0.00	20.50 1.23 0.00	20.48 1.21 0.00	21.86 1.26 0.00	23.29 1.52 0.00	26.97 1.90 0.00	30.39 2.25 0.00	31.71 2.38 0.00	31.16 2.23 0.00	32.06 2.26 0.00	32.24 2.39 0.00	32.97 2.61 0.00	33.59 2.72 0.00	35.67 2.91 -0.42	39.08 3.22 -0.44	41.58 3.31 -0.22	37.67 2.73 0.00	33.27 2.38 0.00	32.66 2.28 0.00	30.50 2.07 0.00	28.07 1.98 0.00	25.72 1.61 0.00

MILLWOOD_13_KV_LOAD 356217	24.82 1.71 0.00	22.89 1.60 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.56 1.29 0.00	21.92 1.32 0.00	23.36 1.59 0.00	27.09 2.03 0.00	30.53 2.39 0.00	31.88 2.55 0.00	31.30 2.37 0.00	32.21 2.41 0.00	32.39 2.54 0.00	33.12 2.76 0.00	33.77 2.90 0.00	35.86 3.10 -0.42	39.30 3.44 -0.44	41.81 3.54 -0.22	37.88 2.94 0.00	33.45 2.56 0.00	32.81 2.43 0.00	30.64 2.22 0.00	28.17 2.09 0.00	25.81 1.71 0.00
MODEL_CITY_ENERGY 24167	23.39 0.28 0.00	21.65 0.36 0.00	20.06 -0.22 0.00	19.06 -0.21 0.00	19.06 -0.21 0.00	20.46 -0.14 0.00	21.79 0.02 0.00	24.69 -0.38 0.00	26.99 -1.15 0.00	28.16 -1.17 0.00	28.09 -0.84 0.00	29.11 -0.68 0.00	29.55 -0.30 0.00	29.87 -0.49 0.00	29.55 -1.33 0.00	30.33 -2.01 0.00	33.12 -2.30 0.00	36.23 -1.83 0.00	34.25 -0.70 0.00	30.67 -0.21 0.00	29.86 -0.52 0.00	28.11 -0.31 0.00	25.85 -0.24 0.00	24.97 0.87 0.00
MODERN_LFGE_ 323580	23.39 0.28 0.00	21.65 0.36 0.00	20.06 -0.22 0.00	19.06 -0.21 0.00	19.06 -0.21 0.00	20.46 -0.14 0.00	21.79 0.02 0.00	24.69 -0.38 0.00	26.99 -1.15 0.00	28.16 -1.17 0.00	28.09 -0.84 0.00	29.11 -0.68 0.00	29.55 -0.30 0.00	29.87 -0.49 0.00	29.55 -1.33 0.00	30.33 -2.01 0.00	33.12 -2.30 0.00	36.23 -1.83 0.00	34.25 -0.70 0.00	30.67 -0.21 0.00	29.86 -0.52 0.00	28.11 -0.31 0.00	25.85 -0.24 0.00	24.97 0.87 0.00
MOHAWK_PAPER___DRP 24187	24.17 1.06 0.00	22.34 1.04 0.00	21.20 0.91 0.00	20.10 0.83 0.00	20.10 0.83 0.00	21.44 0.84 0.00	22.77 1.00 0.00	26.27 1.20 0.00	29.60 1.46 0.00	30.80 1.47 0.00	30.32 1.39 0.00	31.20 1.40 0.00	31.28 1.43 0.00	31.94 1.58 0.00	32.51 1.64 0.00	33.53 1.68 0.49	36.79 1.88 0.51	39.74 1.94 0.26	36.59 1.64 0.00	32.34 1.45 0.00	31.87 1.49 0.00	29.73 1.31 0.00	27.28 1.20 0.00	25.04 0.94 0.00
MOHICAN__35_KV_115KV_LD 80490	24.54 1.43 0.00	22.61 1.32 0.00	21.46 1.18 0.00	20.33 1.06 0.00	20.33 1.06 0.00	21.75 1.15 0.00	23.14 1.37 0.00	26.74 1.68 0.00	30.14 2.00 0.00	31.38 2.05 0.00	30.73 1.79 0.00	31.59 1.79 0.00	31.46 1.61 0.00	32.09 1.73 0.00	32.60 1.73 0.00	33.57 1.75 0.51	36.88 1.98 0.53	39.88 2.09 0.27	37.01 2.06 0.00	32.68 1.79 0.00	32.48 2.10 0.00	30.27 1.85 0.00	27.73 1.64 0.00	25.43 1.33 0.00
MONGAUP___HYD 23641	24.33 1.22 0.00	22.38 1.09 0.00	21.36 1.07 0.00	20.25 0.98 0.00	20.19 0.92 0.00	21.57 0.97 0.00	22.82 1.04 0.00	26.27 1.20 0.00	29.55 1.41 0.00	30.80 1.47 0.00	30.26 1.33 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.76 1.40 0.00	32.60 1.73 0.00	34.35 1.68 -0.33	37.65 1.88 -0.35	40.17 1.94 -0.17	36.48 1.54 0.00	32.24 1.36 0.00	32.05 1.67 0.00	29.93 1.51 0.00	27.49 1.41 0.00	25.28 1.18 0.00
MONTAUK___DIESEL 23721	30.33 3.67 -3.55	25.28 3.51 -0.48	25.69 3.27 -2.14	23.00 3.12 -0.61	22.31 3.04 0.00	23.79 3.19 0.00	29.57 3.59 -4.21	31.46 4.26 -2.14	34.66 4.98 -1.54	34.77 5.13 -0.31	34.00 4.80 -0.26	34.57 4.77 0.00	34.80 4.90 -0.05	36.33 5.43 -0.53	39.39 5.53 -2.99	40.65 5.92 -2.39	42.55 6.55 -0.57	47.76 7.00 -2.71	41.33 6.36 -0.02	36.73 5.53 -0.31	35.63 5.23 -0.02	34.21 4.78 -1.01	32.48 4.51 -1.89	31.52 3.93 -3.49
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.89 0.79 0.00	21.99 0.70 0.00	20.51 0.22 0.00	19.46 0.19 0.00	19.60 0.33 0.00	21.15 0.56 0.00	22.55 0.78 0.00	25.89 0.83 0.00	28.39 0.25 0.00	29.62 0.29 0.00	29.57 0.64 0.00	30.42 0.63 0.00	30.24 0.39 0.00	29.97 -0.39 0.00	30.47 -0.40 0.00	31.79 -0.55 0.00	34.79 -0.64 0.00	37.90 -0.15 0.00	35.79 0.84 0.00	32.18 1.30 0.00	31.44 1.06 0.00	29.73 1.31 0.00	27.23 1.15 0.00	26.08 1.98 0.00
MORTIMER_115KV_TB3 55949	23.73 0.62 0.00	21.74 0.45 0.00	20.51 0.22 0.00	19.48 0.21 0.00	19.48 0.21 0.00	20.91 0.31 0.00	22.18 0.41 0.00	25.39 0.33 0.00	28.08 -0.06 0.00	29.33 0.00 0.00	29.16 0.23 0.00	30.13 0.33 0.00	30.00 0.15 0.00	30.12 -0.24 0.00	30.66 -0.22 0.00	31.98 -0.36 0.00	34.86 -0.57 0.00	37.82 -0.23 0.00	35.26 0.31 0.00	31.38 0.49 0.00	30.74 0.36 0.00	28.85 0.43 0.00	26.45 0.37 0.00	25.04 0.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.93 1.83 0.00	23.00 1.70 0.00	21.76 1.48 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.73 2.59 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.30 2.94 0.00	33.96 3.09 0.00	36.03 3.27 -0.42	39.44 3.58 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.35 2.27 0.00	25.96 1.86 0.00
MUNSVILLE_WIND_PWR 323609	24.98 1.87 0.00	22.89 1.60 0.00	21.56 1.28 0.00	20.56 1.29 0.00	20.64 1.37 0.00	22.18 1.59 0.00	23.58 1.81 0.00	27.14 2.08 0.00	30.22 2.08 0.00	31.38 2.05 0.00	31.13 2.20 0.00	32.12 2.33 0.00	32.12 2.27 0.00	32.67 2.31 0.00	32.88 2.01 0.00	34.41 2.07 0.00	37.80 2.37 0.00	40.87 2.82 0.00	37.99 3.04 0.00	33.61 2.72 0.00	33.12 2.74 0.00	31.01 2.59 0.00	28.33 2.24 0.00	26.29 2.19 0.00
N SALMON___HYD 24042	22.65 -0.46 0.00	20.80 -0.49 0.00	19.90 -0.39 0.00	18.96 -0.31 0.00	19.00 -0.27 0.00	20.35 -0.25 0.00	21.44 -0.33 0.00	24.61 -0.45 0.00	27.69 -0.45 0.00	28.92 -0.41 0.00	28.56 -0.38 0.00	29.44 -0.36 0.00	29.46 -0.39 0.00	29.75 -0.61 0.00	30.32 -0.55 0.00	31.79 -0.55 0.00	34.93 -0.50 0.00	37.60 -0.45 0.00	34.67 -0.28 0.00	30.55 -0.34 0.00	30.11 -0.27 0.00	28.11 -0.31 0.00	25.69 -0.39 0.00	23.69 -0.41 0.00
N.AKRON__115KV_KNAPP 355671	23.99 0.88 0.00	21.91 0.62 0.00	20.57 0.28 0.00	19.54 0.27 0.00	19.54 0.27 0.00	21.07 0.47 0.00	22.32 0.54 0.00	25.44 0.38 0.00	27.86 -0.28 0.00	29.04 -0.29 0.00	28.99 0.06 0.00	30.07 0.27 0.00	29.91 0.06 0.00	29.78 -0.58 0.00	30.32 -0.56 0.00	31.53 -0.81 0.00	34.33 -1.10 0.00	37.48 -0.57 0.00	35.30 0.35 0.00	31.57 0.68 0.00	30.81 0.43 0.00	28.99 0.57 0.00	26.58 0.50 0.00	25.57 1.47 0.00
N.BELMOR_69_KV_BK1 55787	29.01 2.36 -3.55	23.94 2.17 -0.48	24.37 1.95 -2.14	21.67 1.79 -0.61	21.06 1.79 0.00	22.49 1.90 0.00	28.18 2.20 -4.21	29.91 2.71 -2.14	32.80 3.12 -1.54	32.93 3.28 -0.31	32.20 3.01 -0.26	32.81 3.01 0.00	33.07 3.16 -0.05	34.29 3.40 -0.53	37.41 3.55 -2.99	38.58 3.85 -2.39	40.21 4.22 -0.57	45.14 4.38 -2.71	38.71 3.74 -0.02	34.44 3.24 -0.31	33.53 3.13 -0.02	32.33 2.90 -1.01	30.84 2.87 -1.89	30.02 2.43 -3.49
N.E_GEN_SANDY PD 24062	24.24 1.13 0.00	22.40 1.11 0.00	21.28 0.99 0.00	20.18 0.91 0.00	20.16 0.89 0.00	21.50 0.91 0.00	22.88 1.11 0.00	26.37 1.30 0.00	29.69 1.55 0.00	30.85 1.52 0.00	30.35 1.42 0.00	31.20 1.40 0.00	31.22 1.37 0.00	31.85 1.49 0.00	32.63 1.76 0.00	30.82 1.94 3.46	33.92 2.09 3.59	38.37 2.13 1.81	36.70 1.75 0.00	32.40 1.51 0.00	31.87 1.49 0.00	29.76 1.34 0.00	27.34 1.25 0.00	25.07 0.97 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.70 1.59 0.00	22.76 1.47 0.00	21.56 1.28 0.00	20.45 1.18 0.00	20.41 1.14 0.00	21.79 1.19 0.00	23.23 1.46 0.00	26.87 1.80 0.00	30.25 2.11 0.00	31.56 2.23 0.00	31.02 2.08 0.00	31.94 2.15 0.00	32.12 2.27 0.00	32.85 2.49 0.00	33.50 2.62 0.00	35.57 2.85 -0.38	38.98 3.15 -0.40	41.49 3.23 -0.20	37.60 2.66 0.00	33.20 2.32 0.00	32.60 2.22 0.00	30.44 2.02 0.00	28.01 1.93 0.00	25.69 1.59 0.00
N. QUEENS_27_KV_LOAD 356247	25.20 2.08 -0.01	23.22 1.92 -0.01	22.00 1.70 -0.01	20.86 1.58 -0.01	20.77 1.50 0.00	22.08 1.48 0.00	23.60 1.83 0.00	27.53 2.46 -0.01	30.93 2.79 -0.01	32.21 2.87 -0.01	31.66 2.72 -0.01	32.48 2.68 0.00	32.66 2.81 0.00	33.37 3.01 -0.01	34.00 3.12 -0.01	36.20 3.43 -0.43	39.69 3.83 -0.44	42.28 4.00 -0.23	38.06 3.11 0.00	33.57 2.69 0.00	32.93 2.55 0.00	31.01 2.59 0.00	28.60 2.50 -0.01	26.25 2.15 -0.01
N. TROY___115KV_TB1 355778	24.15 1.04 0.00	22.31 1.02 0.00	21.18 0.89 0.00	20.08 0.81 0.00	20.08 0.81 0.00	21.44 0.84 0.00	22.77 1.00 0.00	26.27 1.20 0.00	29.55 1.41 0.00	30.74 1.41 0.00	30.23 1.30 0.00	31.08 1.28 0.00	31.16 1.31 0.00	31.85 1.49 0.00	32.42 1.54 0.00	33.31 1.62 0.65	36.52 1.77 0.67	39.54 1.83 0.34	36.52 1.57 0.00	32.28 1.39 0.00	31.81 1.43 0.00	29.68 1.25 0.00	27.23 1.15 0.00	24.99 0.89 0.00
NARROWS_GT1_1 24228	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT1_2 24229	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT1_3 24230	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT1_4 24231	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT1_5 24232	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT1_6 24233	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT1_7 24234	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT1_8 24235	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT2_1 24236	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT2_2 24237	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT2_3 24238	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT2_4 24239	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01

NARROWS_GT2_5 24240	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT2_6 24241	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT2_7 24242	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NARROWS_GT2_8 24243	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.33 1.22 0.00	22.46 1.17 0.00	21.34 1.05 0.00	20.22 0.94 0.00	20.12 0.85 0.00	21.46 0.87 0.00	22.79 1.02 0.00	26.12 1.05 0.00	29.41 1.27 0.00	30.53 1.20 0.00	29.97 1.04 0.00	30.81 1.01 0.00	30.86 1.01 0.00	31.54 1.18 0.00	32.17 1.30 0.00	33.73 1.62 0.22	37.07 1.88 0.23	39.88 1.94 0.12	36.38 1.43 0.00	32.15 1.27 0.00	31.87 1.49 0.00	29.76 1.34 0.00	27.26 1.17 0.00	25.04 0.94 0.00
NCHELSEA_115KV_TR2 355582	24.84 1.73 0.00	22.89 1.60 0.00	21.68 1.40 0.00	20.56 1.29 0.00	20.46 1.19 0.00	21.86 1.26 0.00	23.27 1.50 0.00	26.82 1.75 0.00	30.19 2.05 0.00	31.47 2.14 0.00	30.90 1.97 0.00	31.83 2.03 0.00	31.97 2.12 0.00	32.73 2.37 0.00	33.37 2.50 0.00	35.37 2.72 -0.32	38.80 3.05 -0.33	41.34 3.12 -0.17	37.50 2.55 0.00	33.11 2.22 0.00	32.60 2.22 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.69 1.59 0.00
NEG CAPITAL___MECHNVIL 23645	24.49 1.39 0.00	22.57 1.28 0.00	21.44 1.16 0.00	20.33 1.06 0.00	20.33 1.06 0.00	21.71 1.11 0.00	23.08 1.31 0.00	26.64 1.58 0.00	30.00 1.86 0.00	31.24 1.91 0.00	30.70 1.77 0.00	31.59 1.79 0.00	31.52 1.67 0.00	32.15 1.79 0.00	32.79 1.91 0.00	33.81 2.04 0.57	37.11 2.27 0.59	40.08 2.32 0.30	37.05 2.10 0.00	32.74 1.85 0.00	32.35 1.97 0.00	30.16 1.73 0.00	27.65 1.56 0.00	25.38 1.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.25 0.14 0.00	21.38 0.09 0.00	20.12 -0.16 0.00	19.12 -0.15 0.00	19.11 -0.15 0.00	20.50 -0.10 0.00	21.77 0.00 0.00	25.01 -0.05 0.00	27.75 -0.39 0.00	29.01 -0.32 0.00	28.82 -0.12 0.00	29.77 -0.03 0.00	30.00 0.15 0.00	30.42 0.06 0.00	30.44 -0.43 0.00	31.63 -0.71 0.00	34.54 -0.88 0.00	37.44 -0.61 0.00	34.77 -0.17 0.00	30.89 0.00 0.00	30.29 -0.09 0.00	28.40 -0.03 0.00	26.03 -0.05 0.00	24.49 0.38 0.00
NEG CENTRAL___DRP 24199	23.59 0.49 0.00	21.65 0.36 0.00	20.51 0.22 0.00	19.46 0.19 0.00	19.48 0.21 0.00	20.89 0.29 0.00	22.18 0.41 0.00	25.54 0.48 0.00	28.45 0.31 0.00	29.68 0.35 0.00	29.40 0.46 0.00	30.42 0.63 0.00	30.42 0.57 0.00	30.72 0.36 0.00	31.15 0.28 0.00	32.63 0.29 0.00	35.53 0.11 0.00	38.43 0.38 0.00	35.58 0.63 0.00	31.60 0.71 0.00	30.99 0.61 0.00	29.05 0.63 0.00	26.58 0.50 0.00	24.82 0.72 0.00
NEG CENTRAL___INDECK 23768	24.47 1.36 0.00	22.48 1.19 0.00	21.07 0.79 0.00	20.02 0.75 0.00	20.04 0.77 0.00	21.53 0.93 0.00	22.84 1.07 0.00	25.94 0.88 0.00	28.48 0.34 0.00	29.71 0.38 0.00	29.48 0.55 0.00	30.49 0.69 0.00	30.68 0.83 0.00	31.09 0.73 0.00	31.06 0.19 0.00	32.15 -0.19 0.00	35.18 -0.25 0.00	38.51 0.46 0.00	36.24 1.29 0.00	32.55 1.67 0.00	31.96 1.58 0.00	30.02 1.59 0.00	27.44 1.36 0.00	25.98 1.88 0.00
NEG CENTRAL___SENECA 23627	23.75 0.65 0.00	21.78 0.49 0.00	20.57 0.28 0.00	19.54 0.27 0.00	19.56 0.29 0.00	20.99 0.39 0.00	22.32 0.54 0.00	25.69 0.63 0.00	28.53 0.39 0.00	29.77 0.44 0.00	29.54 0.61 0.00	30.60 0.80 0.00	30.54 0.69 0.00	30.82 0.46 0.00	31.21 0.34 0.00	32.69 0.36 0.00	35.53 0.11 0.00	38.51 0.46 0.00	35.72 0.77 0.00	31.84 0.96 0.00	31.20 0.82 0.00	29.25 0.82 0.00	26.76 0.68 0.00	25.09 0.99 0.00
NEG CENTRAL___STATE_STREET 24147	23.73 0.62 0.00	21.82 0.53 0.00	20.71 0.43 0.00	19.66 0.39 0.00	19.66 0.39 0.00	21.05 0.45 0.00	22.34 0.57 0.00	25.77 0.70 0.00	28.82 0.68 0.00	30.09 0.76 0.00	29.77 0.84 0.00	30.60 0.80 0.00	30.60 0.75 0.00	31.00 0.64 0.00	31.61 0.74 0.00	33.15 0.81 0.00	36.17 0.74 0.00	39.04 0.99 0.00	36.00 1.05 0.00	31.81 0.93 0.00	31.26 0.88 0.00	29.28 0.85 0.00	26.79 0.70 0.00	24.92 0.82 0.00
NEG MILLWOOD___DRP 24198	24.93 1.83 0.00	23.00 1.70 0.00	21.78 1.50 0.00	20.66 1.39 0.00	20.62 1.35 0.00	21.98 1.38 0.00	23.43 1.65 0.00	27.14 2.08 0.00	30.59 2.45 0.00	31.91 2.58 0.00	31.39 2.46 0.00	32.30 2.50 0.00	32.45 2.60 0.00	33.24 2.88 0.00	33.87 2.99 0.00	35.90 3.20 -0.36	39.38 3.58 -0.38	41.93 3.69 -0.19	38.02 3.08 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.76 2.33 0.00	28.25 2.16 0.00	25.88 1.78 0.00
NEG NORTH_FLCN_SEA 23793	22.97 -0.14 0.00	21.10 -0.19 0.00	20.16 -0.12 0.00	19.23 -0.04 0.00	19.29 0.02 0.00	20.64 0.04 0.00	21.73 -0.04 0.00	24.94 -0.13 0.00	28.00 -0.14 0.00	29.24 -0.09 0.00	28.90 -0.03 0.00	29.80 0.00 0.00	29.82 -0.03 0.00	30.24 -0.12 0.00	30.78 -0.09 0.00	32.24 -0.10 0.00	35.46 0.04 0.00	38.13 0.08 0.00	35.19 0.24 0.00	31.01 0.12 0.00	30.59 0.21 0.00	28.57 0.14 0.00	26.11 0.03 0.00	24.10 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	22.69 -0.42 0.00	20.84 -0.45 0.00	19.96 -0.32 0.00	19.02 -0.25 0.00	19.08 -0.19 0.00	20.41 -0.19 0.00	21.49 -0.28 0.00	24.66 -0.40 0.00	27.69 -0.45 0.00	28.89 -0.44 0.00	28.56 -0.38 0.00	29.44 -0.36 0.00	29.49 -0.36 0.00	29.90 -0.46 0.00	30.44 -0.43 0.00	31.89 -0.45 0.00	35.07 -0.35 0.00	37.71 -0.34 0.00	34.77 -0.17 0.00	30.67 -0.22 0.00	30.23 -0.15 0.00	28.23 -0.20 0.00	25.82 -0.26 0.00	23.81 -0.29 0.00

NEG NORTH___ALICE_FALLS 23915	22.95 -0.16 0.00	21.06 -0.23 0.00	20.14 -0.14 0.00	19.19 -0.08 0.00	19.25 -0.02 0.00	20.60 0.00 0.00	21.71 -0.07 0.00	24.91 -0.15 0.00	27.97 -0.17 0.00	29.18 -0.15 0.00	28.85 -0.09 0.00	29.74 -0.06 0.00	29.79 -0.06 0.00	30.21 -0.15 0.00	30.69 -0.19 0.00	32.18 -0.16 0.00	35.42 0.00 0.00	38.09 0.04 0.00	35.16 0.21 0.00	30.98 0.09 0.00	30.56 0.18 0.00	28.54 0.11 0.00	26.08 0.00 0.00	24.05 -0.05 0.00
NEG NORTH___LWR_SARANAC 23913	22.95 -0.16 0.00	21.06 -0.23 0.00	20.14 -0.14 0.00	19.19 -0.08 0.00	19.25 -0.02 0.00	20.60 0.00 0.00	21.71 -0.07 0.00	24.91 -0.15 0.00	27.97 -0.17 0.00	29.18 -0.15 0.00	28.85 -0.09 0.00	29.74 -0.06 0.00	29.79 -0.06 0.00	30.21 -0.15 0.00	30.69 -0.19 0.00	32.18 -0.16 0.00	35.42 0.00 0.00	38.09 0.04 0.00	35.16 0.21 0.00	30.98 0.09 0.00	30.56 0.18 0.00	28.54 0.11 0.00	26.08 0.00 0.00	24.05 -0.05 0.00
NEG NORTH___PLATTSBURG 23628	22.95 -0.16 0.00	21.06 -0.23 0.00	20.14 -0.14 0.00	19.19 -0.08 0.00	19.25 -0.02 0.00	20.60 0.00 0.00	21.71 -0.07 0.00	24.92 -0.15 0.00	27.97 -0.17 0.00	29.18 -0.15 0.00	28.85 -0.09 0.00	29.74 -0.06 0.00	29.79 -0.06 0.00	30.09 -0.27 0.00	30.69 -0.18 0.00	32.18 -0.16 0.00	35.42 0.00 0.00	38.09 0.04 0.00	35.16 0.21 0.00	30.98 0.09 0.00	30.56 0.18 0.00	28.54 0.11 0.00	26.08 0.00 0.00	24.05 -0.05 0.00
NEG WEST_LEA_LOCKPORT 23791	23.66 0.55 0.00	21.61 0.32 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.74 0.14 0.00	21.97 0.20 0.00	24.96 -0.10 0.00	27.30 -0.84 0.00	28.51 -0.82 0.00	28.44 -0.49 0.00	29.47 -0.33 0.00	29.31 -0.54 0.00	29.15 -1.21 0.00	29.73 -1.14 0.00	30.95 -1.39 0.00	33.69 -1.74 0.00	36.76 -1.29 0.00	34.70 -0.24 0.00	31.04 0.15 0.00	30.26 -0.12 0.00	28.48 0.06 0.00	26.16 0.08 0.00	25.23 1.13 0.00
NEG WEST___LANCASTR 23811	23.69 0.58 0.00	21.65 0.36 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.29 0.02 0.00	20.72 0.12 0.00	22.05 0.28 0.00	25.16 0.10 0.00	27.61 -0.53 0.00	28.80 -0.53 0.00	28.79 -0.14 0.00	29.80 0.00 0.00	29.76 -0.09 0.00	29.69 -0.67 0.00	30.29 -0.59 0.00	31.66 -0.68 0.00	34.57 -0.85 0.00	37.67 -0.38 0.00	35.40 0.45 0.00	31.57 0.68 0.00	30.65 0.27 0.00	28.85 0.43 0.00	26.42 0.34 0.00	25.31 1.21 0.00
NEG_PENN_ALLEGHNY 23528	23.75 0.65 0.00	21.87 0.58 0.00	20.65 0.37 0.00	19.62 0.35 0.00	19.62 0.35 0.00	21.01 0.41 0.00	22.32 0.54 0.00	25.72 0.65 0.00	28.70 0.56 0.00	29.92 0.59 0.00	29.63 0.69 0.00	30.57 0.77 0.00	30.72 0.87 0.00	31.21 0.85 0.00	31.55 0.68 0.00	32.98 0.65 0.00	36.13 0.71 0.00	39.00 0.95 0.00	36.00 1.05 0.00	31.88 0.99 0.00	31.23 0.85 0.00	29.25 0.82 0.00	26.84 0.76 0.00	24.99 0.89 0.00
NEG___GEN_MONROE 24207	23.87 0.76 0.00	21.87 0.57 0.00	20.61 0.32 0.00	19.56 0.29 0.00	19.60 0.33 0.00	21.03 0.43 0.00	22.29 0.52 0.00	25.47 0.40 0.00	28.06 -0.08 0.00	29.18 -0.15 0.00	29.02 0.09 0.00	30.04 0.24 0.00	29.91 0.06 0.00	30.03 -0.33 0.00	30.44 -0.43 0.00	31.76 -0.58 0.00	34.61 -0.81 0.00	37.59 -0.46 0.00	35.16 0.21 0.00	31.32 0.43 0.00	30.65 0.27 0.00	28.77 0.34 0.00	26.40 0.31 0.00	25.07 0.96 0.00
NEPA___ENERGY 23901	23.87 0.76 0.00	21.87 0.57 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.50 0.23 0.00	20.95 0.35 0.00	22.29 0.52 0.00	25.52 0.45 0.00	28.03 -0.11 0.00	29.24 -0.09 0.00	29.19 0.26 0.00	30.16 0.36 0.00	30.09 0.24 0.00	30.03 -0.33 0.00	30.63 -0.25 0.00	32.05 -0.29 0.00	35.00 -0.43 0.00	38.13 0.08 0.00	35.82 0.87 0.00	31.97 1.08 0.00	31.08 0.70 0.00	29.25 0.82 0.00	26.81 0.73 0.00	25.60 1.49 0.00
NEVERSINK___HYD 23608	24.70 1.59 0.00	22.70 1.40 0.00	21.52 1.24 0.00	20.43 1.16 0.00	20.35 1.08 0.00	21.75 1.15 0.00	23.14 1.37 0.00	26.62 1.55 0.00	29.97 1.83 0.00	31.21 1.88 0.00	30.73 1.79 0.00	31.68 1.88 0.00	31.70 1.85 0.00	32.36 2.00 0.00	33.10 2.22 0.00	35.07 2.52 -0.20	38.43 2.80 -0.21	41.09 2.93 -0.11	37.39 2.45 0.00	32.99 2.10 0.00	32.47 2.09 0.00	30.36 1.93 0.00	27.88 1.80 0.00	25.65 1.54 0.00
NEWKRMKL_115KV_TB1 55635	23.80 0.69 0.00	21.99 0.70 0.00	20.89 0.61 0.00	19.81 0.54 0.00	19.83 0.56 0.00	21.13 0.54 0.00	22.45 0.67 0.00	25.87 0.80 0.00	29.15 1.01 0.00	30.36 1.03 0.00	29.86 0.93 0.00	30.75 0.95 0.00	30.83 0.99 0.00	31.48 1.12 0.00	32.05 1.17 0.00	33.11 1.23 0.46	36.33 1.38 0.48	39.18 1.37 0.24	36.03 1.08 0.00	31.81 0.93 0.00	31.35 0.97 0.00	29.28 0.85 0.00	26.87 0.78 0.00	24.66 0.55 0.00
NEWTON___FALLS_HYD 23847	22.53 -0.58 0.00	20.70 -0.60 0.00	19.74 -0.55 0.00	18.91 -0.37 0.00	18.92 -0.35 0.00	20.29 -0.31 0.00	21.36 -0.41 0.00	24.49 -0.58 0.00	27.52 -0.62 0.00	28.68 -0.65 0.00	28.24 -0.69 0.00	29.08 -0.72 0.00	29.04 -0.81 0.00	29.51 -0.85 0.00	29.92 -0.96 0.00	31.34 -1.00 0.00	34.47 -0.96 0.00	37.06 -0.99 0.00	34.32 -0.63 0.00	30.33 -0.56 0.00	29.92 -0.46 0.00	27.97 -0.45 0.00	25.61 -0.47 0.00	23.62 -0.48 0.00
NGRID_A1_DSASP 323792	23.36 0.25 0.00	21.38 0.09 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.43 -0.17 0.00	21.55 -0.22 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	29.25 -0.60 0.00	29.57 -0.79 0.00	29.24 -1.64 0.00	30.01 -2.33 0.00	32.77 -2.66 0.00	35.81 -2.25 0.00	33.90 -1.05 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.62 -0.47 0.00	24.70 0.60 0.00
NGRID_A2_DSASP 323793	23.36 0.25 0.00	21.38 0.09 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.43 -0.17 0.00	21.55 -0.22 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	29.25 -0.60 0.00	29.57 -0.79 0.00	29.24 -1.64 0.00	30.01 -2.33 0.00	32.77 -2.66 0.00	35.81 -2.25 0.00	33.90 -1.05 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.62 -0.47 0.00	24.70 0.60 0.00
NGRID_A4_DSASP 323807	23.36 0.25 0.00	21.36 0.06 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.31 -0.29 0.00	21.62 -0.15 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	28.63 -1.22 0.00	28.45 -1.91 0.00	29.05 -1.82 0.00	30.24 -2.10 0.00	32.87 -2.55 0.00	35.88 -2.17 0.00	33.93 -1.01 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.61 -0.47 0.00	24.70 0.60 0.00
NIAGARA_115E_LBMP 323715	23.25 0.14 0.00	21.55 0.26 0.00	19.96 -0.33 0.00	18.94 -0.33 0.00	18.96 -0.31 0.00	20.35 -0.25 0.00	21.66 -0.11 0.00	24.51 -0.55 0.00	26.79 -1.35 0.00	27.98 -1.35 0.00	27.92 -1.01 0.00	28.91 -0.89 0.00	29.34 -0.51 0.00	29.66 -0.70 0.00	29.33 -1.54 0.00	30.11 -2.23 0.00	32.87 -2.55 0.00	35.96 -2.09 0.00	34.04 -0.91 0.00	30.45 -0.43 0.00	29.65 -0.73 0.00	27.91 -0.51 0.00	25.69 -0.39 0.00	24.82 0.72 0.00

NIAGARA_115W_LBMP 323714	23.29 0.18 0.00	21.31 0.02 0.00	20.00 -0.28 0.00	19.04 -0.23 0.00	19.04 -0.23 0.00	20.39 -0.21 0.00	21.51 -0.26 0.00	24.39 -0.68 0.00	26.65 -1.49 0.00	27.84 -1.49 0.00	27.74 -1.19 0.00	28.73 -1.07 0.00	29.16 -0.69 0.00	29.48 -0.88 0.00	29.14 -1.73 0.00	29.91 -2.43 0.00	32.66 -2.76 0.00	35.69 -2.36 0.00	33.80 -1.15 0.00	30.27 -0.62 0.00	29.47 -0.91 0.00	27.74 -0.68 0.00	25.54 -0.55 0.00	24.63 0.53 0.00
NIAGARA_230_LBMP 323716	23.43 0.32 0.00	21.59 0.30 0.00	20.14 -0.14 0.00	19.14 -0.13 0.00	19.15 -0.11 0.00	20.54 -0.06 0.00	21.79 0.02 0.00	24.71 -0.35 0.00	27.04 -1.10 0.00	28.25 -1.08 0.00	28.15 -0.78 0.00	29.14 -0.66 0.00	29.55 -0.30 0.00	29.87 -0.49 0.00	29.58 -1.30 0.00	30.40 -1.94 0.00	33.19 -2.23 0.00	36.26 -1.79 0.00	34.28 -0.67 0.00	30.67 -0.21 0.00	29.89 -0.49 0.00	28.11 -0.31 0.00	25.87 -0.21 0.00	24.92 0.82 0.00
NIAGARA__115KV_198_GIBSON 55903	23.29 0.18 0.00	21.29 0.00 0.00	20.00 -0.28 0.00	19.04 -0.23 0.00	19.04 -0.23 0.00	20.25 -0.35 0.00	21.57 -0.20 0.00	24.39 -0.68 0.00	26.65 -1.49 0.00	27.83 -1.50 0.00	27.75 -1.19 0.00	28.73 -1.07 0.00	28.54 -1.31 0.00	28.39 -1.97 0.00	28.96 -1.91 0.00	30.14 -2.20 0.00	32.77 -2.66 0.00	35.77 -2.28 0.00	33.83 -1.12 0.00	30.27 -0.62 0.00	29.47 -0.91 0.00	27.74 -0.68 0.00	25.54 -0.55 0.00	24.63 0.53 0.00
NIAGARA____ 23760	23.27 0.16 0.00	21.42 0.13 0.00	19.98 -0.30 0.00	18.98 -0.29 0.00	19.00 -0.27 0.00	20.35 -0.25 0.00	21.57 -0.20 0.00	24.51 -0.55 0.00	26.85 -1.29 0.00	28.01 -1.32 0.00	27.95 -0.98 0.00	28.93 -0.87 0.00	29.34 -0.51 0.00	29.66 -0.70 0.00	29.33 -1.54 0.00	30.17 -2.17 0.00	32.94 -2.48 0.00	36.03 -2.02 0.00	34.08 -0.87 0.00	30.45 -0.43 0.00	29.68 -0.70 0.00	27.94 -0.48 0.00	25.69 -0.39 0.00	24.73 0.63 0.00
NINE_MILE_1 23575	22.60 -0.51 0.00	20.82 -0.47 0.00	19.80 -0.49 0.00	18.81 -0.46 0.00	18.81 -0.46 0.00	20.10 -0.49 0.00	21.27 -0.50 0.00	24.44 -0.63 0.00	27.38 -0.76 0.00	28.54 -0.79 0.00	28.21 -0.72 0.00	29.08 -0.72 0.00	29.16 -0.69 0.00	29.63 -0.70 0.00	30.01 -0.86 0.00	31.37 -0.97 0.00	34.33 -1.10 0.00	36.95 -1.10 0.00	34.04 -0.91 0.00	30.12 -0.77 0.00	29.59 -0.79 0.00	27.71 -0.71 0.00	25.43 -0.65 0.00	23.59 -0.51 0.00
NINE_MILE_2 23744	22.60 -0.51 0.00	20.82 -0.47 0.00	19.80 -0.49 0.00	18.81 -0.46 0.00	18.81 -0.46 0.00	20.10 -0.49 0.00	21.27 -0.50 0.00	24.44 -0.63 0.00	27.38 -0.76 0.00	28.54 -0.79 0.00	28.21 -0.72 0.00	29.08 -0.72 0.00	29.16 -0.69 0.00	29.66 -0.70 0.00	30.01 -0.86 0.00	31.37 -0.97 0.00	34.33 -1.10 0.00	36.95 -1.10 0.00	34.04 -0.91 0.00	30.12 -0.77 0.00	29.59 -0.79 0.00	27.71 -0.71 0.00	25.43 -0.65 0.00	23.59 -0.51 0.00
NM_CAPITAL____DRP 24208	23.87 0.76 0.00	22.08 0.79 0.00	20.95 0.67 0.00	19.87 0.60 0.00	19.89 0.62 0.00	21.20 0.60 0.00	22.51 0.74 0.00	25.94 0.88 0.00	29.24 1.10 0.00	30.42 1.09 0.00	29.92 0.98 0.00	30.78 0.98 0.00	30.89 1.04 0.00	31.54 1.18 0.00	32.14 1.27 0.00	33.13 1.29 0.50	36.35 1.45 0.52	39.23 1.45 0.26	36.14 1.19 0.00	31.91 1.02 0.00	31.41 1.03 0.00	29.33 0.91 0.00	26.92 0.83 0.00	24.70 0.60 0.00
NM_CENTRAL____DRP 24181	23.15 0.05 0.00	21.29 0.00 0.00	20.22 -0.06 0.00	19.21 -0.06 0.00	19.21 -0.06 0.00	20.56 -0.04 0.00	21.77 0.00 0.00	25.06 0.00 0.00	28.06 -0.08 0.00	29.27 -0.06 0.00	28.96 0.03 0.00	29.89 0.09 0.00	29.91 0.06 0.00	30.30 -0.06 0.00	30.72 -0.15 0.00	32.18 -0.16 0.00	35.18 -0.25 0.00	37.90 -0.15 0.00	34.88 -0.07 0.00	30.86 -0.03 0.00	30.32 -0.06 0.00	28.42 0.00 0.00	26.08 0.00 0.00	24.22 0.12 0.00
NM_FRONTIER____DRP 24179	23.29 0.18 0.00	21.29 0.00 0.00	20.00 -0.28 0.00	19.04 -0.23 0.00	19.04 -0.23 0.00	20.25 -0.35 0.00	21.57 -0.20 0.00	24.39 -0.68 0.00	26.65 -1.49 0.00	27.83 -1.50 0.00	27.75 -1.19 0.00	28.73 -1.07 0.00	28.54 -1.31 0.00	28.39 -1.97 0.00	28.96 -1.91 0.00	30.14 -2.20 0.00	32.77 -2.66 0.00	35.77 -2.28 0.00	33.83 -1.12 0.00	30.27 -0.62 0.00	29.47 -0.91 0.00	27.74 -0.68 0.00	25.54 -0.55 0.00	24.63 0.53 0.00
NM_ST_REGIS____HYD 24053	22.18 -0.92 0.00	20.38 -0.92 0.00	19.51 -0.77 0.00	18.62 -0.66 0.00	18.61 -0.66 0.00	19.94 -0.66 0.00	20.97 -0.81 0.00	24.06 -1.00 0.00	27.10 -1.04 0.00	28.27 -1.06 0.00	27.89 -1.04 0.00	28.73 -1.07 0.00	28.74 -1.10 0.00	29.15 -1.21 0.00	29.58 -1.30 0.00	31.01 -1.33 0.00	34.08 -1.35 0.00	36.61 -1.45 0.00	33.76 -1.19 0.00	29.74 -1.14 0.00	29.35 -1.03 0.00	27.43 -0.99 0.00	25.09 -0.99 0.00	23.11 -0.99 0.00
NORTHPORT____1 23551	28.92 2.27 -3.55	23.86 2.09 -0.48	24.33 1.91 -2.14	21.67 1.79 -0.61	21.05 1.77 -0.01	22.46 1.85 -0.01	28.12 2.13 -4.21	29.83 2.63 -2.14	32.72 3.04 -1.54	32.78 3.14 -0.31	31.68 2.49 -0.26	32.12 2.33 0.01	32.20 2.30 -0.05	33.41 2.52 -0.53	36.83 2.96 -2.99	38.06 3.33 -2.39	39.64 3.65 -0.57	44.56 3.80 -2.71	38.21 3.21 -0.05	33.94 2.75 -0.31	32.97 2.58 -0.01	31.85 2.41 -1.01	30.58 2.61 -1.89	29.88 2.29 -3.49
NORTHPORT____2 23552	28.92 2.27 -3.55	23.86 2.09 -0.48	24.33 1.91 -2.14	21.67 1.79 -0.61	21.05 1.77 -0.01	22.46 1.85 -0.01	28.12 2.13 -4.21	29.83 2.63 -2.14	32.72 3.04 -1.54	32.78 3.14 -0.31	31.68 2.49 -0.26	32.12 2.33 0.01	32.20 2.30 -0.05	33.41 2.52 -0.53	36.83 2.96 -2.99	38.06 3.33 -2.39	39.64 3.65 -0.57	44.56 3.80 -2.71	38.21 3.21 -0.05	33.94 2.75 -0.31	32.97 2.58 -0.01	31.85 2.41 -1.01	30.58 2.61 -1.89	29.88 2.29 -3.49
NORTHPORT____3 23553	29.01 2.36 -3.55	23.92 2.15 -0.48	24.39 1.97 -2.14	21.71 1.83 -0.61	21.11 1.83 -0.01	22.52 1.92 -0.01	28.20 2.22 -4.21	29.93 2.73 -2.14	32.86 3.18 -1.54	32.98 3.34 -0.31	32.18 2.98 -0.27	32.78 2.98 0.00	32.80 2.89 -0.06	34.00 3.10 -0.54	37.33 3.46 -3.00	38.58 3.85 -2.40	40.18 4.18 -0.58	45.14 4.37 -2.72	38.78 3.78 -0.05	34.47 3.27 -0.32	33.50 3.10 -0.02	32.30 2.87 -1.01	30.82 2.84 -1.89	30.02 2.43 -3.49
NORTHPORT____4 23650	29.01 2.36 -3.55	23.92 2.15 -0.48	24.39 1.97 -2.14	21.71 1.83 -0.61	21.11 1.83 -0.01	22.52 1.92 -0.01	28.20 2.22 -4.21	29.93 2.73 -2.14	32.86 3.18 -1.54	32.98 3.34 -0.31	32.18 2.98 -0.27	32.78 2.98 0.00	32.80 2.89 -0.06	34.00 3.10 -0.54	37.33 3.46 -3.00	38.58 3.85 -2.40	40.18 4.18 -0.58	45.14 4.37 -2.72	38.78 3.78 -0.05	34.47 3.27 -0.32	33.50 3.10 -0.02	32.30 2.87 -1.01	30.82 2.84 -1.89	30.02 2.43 -3.49
NORTHPORT____IC 23718	28.92 2.27 -3.55	23.86 2.09 -0.48	24.33 1.91 -2.14	21.67 1.79 -0.61	21.05 1.77 -0.01	22.46 1.85 -0.01	28.12 2.13 -4.21	29.83 2.63 -2.14	32.72 3.04 -1.54	32.78 3.14 -0.31	31.68 2.49 -0.26	32.12 2.33 0.01	32.20 2.30 -0.05	33.41 2.52 -0.53	36.83 2.96 -2.99	38.06 3.33 -2.39	39.64 3.65 -0.57	44.56 3.80 -2.71	38.21 3.21 -0.05	33.94 2.75 -0.31	32.97 2.58 -0.01	31.85 2.41 -1.01	30.58 2.61 -1.89	29.88 2.29 -3.49

NORTH____COUNTRY_ESR 323785	22.62 -0.49 0.00	20.78 -0.51 0.00	19.90 -0.39 0.00	18.98 -0.29 0.00	19.04 -0.23 0.00	20.37 -0.23 0.00	21.42 -0.35 0.00	24.61 -0.45 0.00	27.63 -0.51 0.00	28.83 -0.50 0.00	28.50 -0.43 0.00	29.38 -0.42 0.00	29.40 -0.45 0.00	29.75 -0.61 0.00	30.38 -0.50 0.00	31.85 -0.48 0.00	35.00 -0.42 0.00	37.60 -0.45 0.00	34.67 -0.28 0.00	30.58 -0.31 0.00	30.14 -0.24 0.00	28.17 -0.26 0.00	25.74 -0.34 0.00	23.74 -0.36 0.00
NPX_GEN_1385_PROXY 323591	28.51 1.85 -3.55	23.53 1.77 -0.48	24.05 1.62 -2.14	21.40 1.52 -0.61	20.78 1.50 -0.01	22.17 1.56 -0.01	27.70 1.72 -4.21	29.46 2.26 -2.14	32.21 2.53 -1.54	32.25 2.61 -0.31	31.13 1.94 -0.26	31.70 1.91 0.01	31.90 2.00 -0.05	33.14 2.25 -0.53	36.30 2.44 -2.99	37.58 2.85 -2.39	39.11 3.12 -0.57	44.11 3.35 -2.71	37.79 2.80 -0.05	33.54 2.35 -0.31	32.61 2.22 -0.01	31.40 1.96 -1.01	30.16 2.19 -1.89	29.40 1.81 -3.49
NPX_GEN_CSC 323557	29.04 2.38 -3.55	24.11 2.34 -0.48	24.64 2.21 -2.14	22.04 2.16 -0.61	21.34 2.06 -0.01	22.75 2.14 -0.01	28.44 2.46 -4.21	30.13 2.93 -2.14	33.11 3.43 -1.54	32.98 3.34 -0.31	32.09 2.89 -0.26	32.63 2.83 0.00	32.71 2.80 -0.05	33.99 3.10 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.32 4.32 -0.57	45.29 4.53 -2.71	39.65 4.05 -0.65	34.81 3.61 -0.31	33.83 3.43 -0.02	32.53 3.10 -1.01	30.89 2.92 -1.89	30.10 2.51 -3.49
NSINS_S_GLNS_FALLS 23858	24.52 1.41 0.00	22.59 1.30 0.00	21.44 1.16 0.00	20.31 1.04 0.00	20.33 1.06 0.00	21.73 1.13 0.00	23.12 1.35 0.00	26.72 1.65 0.00	30.11 1.97 0.00	31.35 2.02 0.00	30.70 1.76 0.00	31.56 1.76 0.00	31.43 1.58 0.00	32.06 1.70 0.00	32.57 1.70 0.00	33.51 1.68 0.50	36.85 1.95 0.52	39.80 2.02 0.26	36.98 2.03 0.00	32.65 1.76 0.00	32.48 2.10 0.00	30.24 1.82 0.00	27.70 1.62 0.00	25.40 1.30 0.00
NUCOR_STEEL____DRP 24197	23.57 0.46 0.00	21.70 0.40 0.00	20.59 0.30 0.00	19.54 0.27 0.00	19.54 0.27 0.00	20.93 0.33 0.00	22.18 0.41 0.00	25.57 0.50 0.00	28.59 0.45 0.00	29.86 0.53 0.00	29.54 0.61 0.00	30.51 0.72 0.00	30.51 0.66 0.00	30.91 0.55 0.00	31.37 0.49 0.00	32.89 0.55 0.00	35.92 0.50 0.00	38.74 0.68 0.00	35.75 0.80 0.00	31.57 0.68 0.00	31.02 0.64 0.00	29.08 0.65 0.00	26.61 0.52 0.00	24.78 0.67 0.00
NUMBER_THREE_WT_PWR 323818	22.99 -0.11 0.00	21.10 -0.19 0.00	20.06 -0.22 0.00	19.35 0.08 0.00	19.37 0.10 0.00	20.78 0.18 0.00	21.92 0.15 0.00	25.14 0.08 0.00	28.23 0.08 0.00	29.36 0.03 0.00	28.93 0.00 0.00	29.80 0.00 0.00	29.79 -0.06 0.00	30.30 -0.06 0.00	30.62 -0.25 0.00	32.08 -0.26 0.00	35.28 -0.14 0.00	37.98 -0.08 0.00	35.33 0.39 0.00	31.26 0.37 0.00	30.86 0.48 0.00	28.88 0.45 0.00	26.42 0.34 0.00	24.39 0.29 0.00
NYISO_LBMP_REFERENCE 24008	23.11 0.00 0.00	21.29 0.00 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.60 0.00 0.00	21.77 0.00 0.00	25.06 0.00 0.00	28.14 0.00 0.00	29.33 0.00 0.00	28.93 0.00 0.00	29.80 0.00 0.00	29.85 0.00 0.00	30.36 0.00 0.00	30.87 0.00 0.00	32.34 0.00 0.00	35.42 0.00 0.00	38.05 0.00 0.00	34.95 0.00 0.00	30.89 0.00 0.00	30.38 0.00 0.00	28.42 0.00 0.00	26.08 0.00 0.00	24.10 0.00 0.00
NYPA_BRENTWD____GT 24164	29.31 2.66 -3.55	24.22 2.45 -0.48	24.68 2.25 -2.14	22.00 2.12 -0.61	21.38 2.10 -0.01	22.81 2.21 -0.01	28.50 2.52 -4.21	30.26 3.06 -2.14	33.22 3.55 -1.54	33.31 3.67 -0.31	32.38 3.18 -0.26	32.87 3.07 0.00	32.95 3.05 -0.05	34.20 3.31 -0.53	37.60 3.73 -2.99	38.87 4.14 -2.39	40.60 4.57 -0.60	45.55 4.76 -2.74	39.24 4.12 -0.17	34.78 3.55 -0.34	33.83 3.40 -0.05	32.56 3.13 -1.01	31.13 3.15 -1.89	30.34 2.75 -3.49
NYPA_GOWANUS____GT5 24156	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NYPA_GOWANUS____GT6 24157	25.14 2.03 0.00	23.08 1.79 0.00	21.89 1.60 0.00	20.74 1.46 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.06 2.84 -1.37	34.81 2.94 -1.51	36.92 3.37 -2.68	36.45 3.69 -0.43	39.92 4.00 -0.50	96.68 4.15 -54.48	38.31 3.36 -0.01	35.67 2.94 -1.84	33.54 2.79 -0.37	34.88 2.61 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01
NYPA_HARLEM_RVR_GT1 24160	25.15 2.03 -0.01	23.11 1.81 -0.01	21.96 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.04 1.44 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.15 2.82 -0.01	31.57 2.63 -0.01	32.39 2.59 0.00	32.38 2.54 0.00	33.01 2.64 -0.01	33.87 2.99 -0.01	36.16 3.39 -0.43	39.62 3.75 -0.44	42.09 3.80 -0.23	37.99 3.04 0.00	33.51 2.62 0.00	32.86 2.49 0.01	30.93 2.50 0.00	28.54 2.45 -0.01	26.18 2.07 -0.01
NYPA_HARLEM_RVR_GT2 24161	25.15 2.03 -0.01	23.11 1.81 -0.01	21.96 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.04 1.44 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.15 2.82 -0.01	31.57 2.63 -0.01	32.39 2.59 0.00	32.38 2.54 0.00	33.01 2.64 -0.01	33.87 2.99 -0.01	36.16 3.39 -0.43	39.62 3.75 -0.44	42.09 3.80 -0.23	37.99 3.04 0.00	33.51 2.62 0.00	32.86 2.49 0.01	30.93 2.50 0.00	28.54 2.45 -0.01	26.18 2.07 -0.01
NYPA_KENT____GT 24152	25.09 1.99 0.00	23.06 1.77 0.00	21.87 1.58 0.00	20.74 1.46 0.00	20.70 1.43 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.46 2.38 -0.01	30.94 2.79 -0.01	32.42 3.02 -0.07	33.17 2.78 -1.46	33.44 2.83 -0.81	33.38 2.74 -0.79	34.08 2.85 -0.87	35.71 3.27 -1.57	36.36 3.59 -0.43	39.79 3.90 -0.47	73.37 4.03 -31.29	38.20 3.25 0.00	34.78 2.84 -1.06	33.29 2.70 -0.21	33.19 2.56 -2.20	33.84 2.50 -5.25	26.13 2.02 0.00
NYPA_POUCH1____GT 24155	25.09 1.99 0.00	23.04 1.75 0.00	21.85 1.56 0.00	20.70 1.43 0.00	20.66 1.39 0.00	21.94 1.34 0.00	23.47 1.70 0.00	27.41 2.33 -0.02	30.92 2.76 -0.02	32.47 2.99 -0.14	34.81 2.75 -3.13	34.34 2.80 -1.74	34.28 2.74 -1.69	35.10 2.89 -1.85	37.48 3.30 -3.30	36.35 3.59 -0.42	39.79 3.90 -0.47	121.52 4.03 -79.44	38.20 3.25 0.00	36.05 2.90 -2.26	33.57 2.74 -0.45	35.70 2.56 -4.71	39.82 2.50 -11.23	26.13 2.02 -0.01
NYPA_VERNON____GT2 24162	25.05 1.94 0.00	23.02 1.72 0.00	21.85 1.56 0.00	20.72 1.45 0.00	20.68 1.41 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.43 2.36 -0.01	30.91 2.76 -0.01	32.32 2.96 -0.02	32.03 2.72 -0.38	32.74 2.74 -0.21	32.74 2.69 -0.20	33.38 2.79 -0.23	34.51 3.18 -0.46	36.26 3.49 -0.43	39.67 3.79 -0.45	50.07 3.92 -8.10	38.10 3.15 0.00	33.90 2.75 -0.27	33.05 2.61 -0.05	31.45 2.47 -0.56	29.85 2.43 -1.34	26.08 1.98 0.00

NYPA_VERNON____GT3 24163	25.05 1.94 0.00	23.02 1.72 0.00	21.85 1.56 0.00	20.72 1.45 0.00	20.68 1.41 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.43 2.36 -0.01	30.91 2.76 -0.01	32.32 2.96 -0.02	32.03 2.72 -0.38	32.74 2.74 -0.21	32.74 2.69 -0.20	33.38 2.79 -0.23	34.51 3.18 -0.46	36.26 3.49 -0.43	39.67 3.79 -0.45	50.07 3.92 -8.10	38.10 3.15 0.00	33.90 2.75 -0.27	33.05 2.61 -0.05	31.45 2.47 -0.56	29.85 2.43 -1.34	26.08 1.98 0.00
NYPA____ASTORIA_CC1 323568	25.02 1.92 0.00	23.00 1.70 0.00	21.82 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.48 2.63 0.00	33.10 2.73 -0.01	34.06 3.12 -0.07	36.23 3.46 -0.43	39.62 3.75 -0.44	42.12 3.84 -0.23	38.02 3.08 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
NYPA____ASTORIA_CC2 323569	25.02 1.92 0.00	23.00 1.70 0.00	21.82 1.54 0.00	20.72 1.45 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.24 2.90 -0.01	31.60 2.66 -0.01	32.48 2.68 0.00	32.48 2.63 0.00	33.10 2.73 -0.01	34.06 3.12 -0.07	36.23 3.46 -0.43	39.62 3.75 -0.44	42.12 3.84 -0.23	38.02 3.08 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
NYPA____HOLTSVILL 23794	29.17 2.52 -3.55	24.13 2.36 -0.48	24.62 2.19 -2.14	21.96 2.08 -0.61	21.32 2.04 -0.01	22.75 2.14 -0.01	28.42 2.44 -4.21	30.11 2.91 -2.14	33.08 3.40 -1.54	33.10 3.46 -0.31	32.17 2.98 -0.26	32.66 2.86 0.00	32.74 2.84 -0.05	33.99 3.10 -0.53	37.41 3.55 -2.99	38.67 3.94 -2.39	40.35 4.36 -0.57	45.29 4.53 -2.71	39.54 3.95 -0.64	34.63 3.43 -0.31	33.68 3.28 -0.02	32.42 2.98 -1.01	30.94 2.97 -1.89	30.22 2.63 -3.49
NYPA____HELLGATE_GT1 24158	25.15 2.03 -0.01	23.11 1.81 -0.01	21.96 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.04 1.44 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.15 2.82 -0.01	31.57 2.63 -0.01	32.39 2.59 0.00	32.38 2.54 0.00	33.01 2.64 -0.01	33.87 2.99 -0.01	36.16 3.39 -0.43	39.62 3.75 -0.44	42.09 3.80 -0.23	37.99 3.04 0.00	33.51 2.62 0.00	32.86 2.49 0.01	30.93 2.50 0.00	28.54 2.45 -0.01	26.18 2.07 -0.01
NYPA____HELLGATE_GT2 24159	25.15 2.03 -0.01	23.11 1.81 -0.01	21.96 1.66 -0.01	20.82 1.54 -0.01	20.73 1.46 0.00	22.04 1.44 0.00	23.56 1.79 0.00	27.48 2.41 -0.01	30.88 2.73 -0.01	32.15 2.82 -0.01	31.57 2.63 -0.01	32.39 2.59 0.00	32.38 2.54 0.00	33.01 2.64 -0.01	33.87 2.99 -0.01	36.16 3.39 -0.43	39.62 3.75 -0.44	42.09 3.80 -0.23	37.99 3.04 0.00	33.51 2.62 0.00	32.86 2.49 0.01	30.93 2.50 0.00	28.54 2.45 -0.01	26.18 2.07 -0.01
NYS_BARGE____HYD 23848	23.64 0.53 0.00	21.84 0.55 0.00	20.26 -0.02 0.00	19.25 -0.02 0.00	19.27 0.00 0.00	20.68 0.08 0.00	22.01 0.24 0.00	24.96 -0.10 0.00	27.30 -0.84 0.00	28.51 -0.82 0.00	28.44 -0.49 0.00	29.50 -0.30 0.00	29.94 0.09 0.00	30.24 -0.12 0.00	29.92 -0.96 0.00	30.72 -1.62 0.00	33.58 -1.84 0.00	36.72 -1.33 0.00	34.71 -0.24 0.00	31.04 0.16 0.00	30.26 -0.12 0.00	28.48 0.06 0.00	26.16 0.08 0.00	25.23 1.13 0.00
OAK ORCHARD____HYD 24046	23.73 0.62 0.00	21.82 0.53 0.00	20.51 0.22 0.00	19.48 0.21 0.00	19.48 0.21 0.00	20.91 0.31 0.00	22.18 0.41 0.00	25.39 0.32 0.00	28.08 -0.06 0.00	29.33 0.00 0.00	29.16 0.23 0.00	30.13 0.33 0.00	30.39 0.54 0.00	30.82 0.46 0.00	30.75 -0.12 0.00	31.85 -0.48 0.00	34.79 -0.64 0.00	37.79 -0.26 0.00	35.26 0.31 0.00	31.38 0.49 0.00	30.75 0.37 0.00	28.85 0.43 0.00	26.45 0.36 0.00	25.04 0.94 0.00
OAKDALE__35_KV_LOAD 356122	23.64 0.53 0.00	21.72 0.43 0.00	20.55 0.26 0.00	19.52 0.25 0.00	19.52 0.25 0.00	20.91 0.31 0.00	22.21 0.44 0.00	25.57 0.50 0.00	28.53 0.39 0.00	29.74 0.41 0.00	29.42 0.49 0.00	30.37 0.57 0.00	30.42 0.57 0.00	30.82 0.46 0.00	31.30 0.43 0.00	32.82 0.49 0.00	35.92 0.50 0.00	38.77 0.72 0.00	35.79 0.84 0.00	31.69 0.80 0.00	31.05 0.67 0.00	29.08 0.65 0.00	26.68 0.60 0.00	24.85 0.75 0.00
OCC_CHEM____DRP 24175	23.36 0.25 0.00	21.36 0.06 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.31 -0.29 0.00	21.62 -0.15 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	28.63 -1.22 0.00	28.45 -1.91 0.00	29.05 -1.82 0.00	30.24 -2.10 0.00	32.87 -2.55 0.00	35.88 -2.17 0.00	33.93 -1.01 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.61 -0.47 0.00	24.70 0.60 0.00
OH_GEN_PROXY 24063	23.43 0.32 0.00	21.59 0.30 0.00	20.14 -0.14 0.00	19.14 -0.13 0.00	19.15 -0.11 0.00	20.54 -0.06 0.00	21.79 0.02 0.00	24.76 -0.30 0.00	27.10 -1.04 0.00	28.30 -1.03 0.00	28.21 -0.72 0.00	29.20 -0.60 0.00	29.58 -0.27 0.00	29.93 -0.43 0.00	29.64 -1.24 0.00	30.46 -1.88 0.00	33.30 -2.12 0.00	36.34 -1.71 0.00	34.35 -0.59 0.00	30.73 -0.15 0.00	29.93 -0.45 0.00	28.17 -0.26 0.00	25.93 -0.16 0.00	24.92 0.82 0.00
OLIN_CORP_DRP 24177	23.29 0.18 0.00	21.29 0.00 0.00	20.00 -0.28 0.00	18.98 -0.29 0.00	19.00 -0.27 0.00	20.50 -0.10 0.00	21.64 -0.13 0.00	24.56 -0.50 0.00	26.87 -1.27 0.00	28.04 -1.29 0.00	27.98 -0.95 0.00	28.96 -0.83 0.00	28.77 -1.07 0.00	28.63 -1.73 0.00	29.24 -1.64 0.00	30.40 -1.94 0.00	33.09 -2.34 0.00	36.11 -1.94 0.00	34.11 -0.84 0.00	30.52 -0.37 0.00	29.71 -0.67 0.00	28.00 -0.43 0.00	25.75 -0.34 0.00	24.87 0.77 0.00
OLIN_CORP_DSASP 323712	23.36 0.25 0.00	21.38 0.09 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.43 -0.17 0.00	21.55 -0.22 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	29.25 -0.60 0.00	29.57 -0.79 0.00	29.24 -1.64 0.00	30.01 -2.33 0.00	32.77 -2.66 0.00	35.81 -2.25 0.00	33.90 -1.05 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.62 -0.47 0.00	24.70 0.60 0.00
ONEIDA_HERK_LFGE 323681	23.50 0.39 0.00	21.59 0.30 0.00	20.51 0.22 0.00	19.56 0.29 0.00	19.60 0.33 0.00	20.99 0.39 0.00	22.21 0.44 0.00	25.54 0.48 0.00	28.73 0.59 0.00	29.86 0.53 0.00	29.51 0.58 0.00	30.45 0.65 0.00	30.45 0.60 0.00	31.00 0.64 0.00	31.34 0.46 0.00	32.76 0.42 0.00	35.99 0.57 0.00	38.70 0.65 0.00	35.61 0.66 0.00	31.47 0.59 0.00	31.02 0.64 0.00	29.02 0.60 0.00	26.58 0.49 0.00	24.54 0.43 0.00
ONEIDA____115KV_TB4 55905	23.75 0.65 0.00	21.82 0.53 0.00	20.71 0.43 0.00	19.71 0.44 0.00	19.75 0.48 0.00	21.18 0.58 0.00	22.40 0.63 0.00	25.79 0.73 0.00	28.98 0.84 0.00	30.12 0.79 0.00	29.77 0.84 0.00	30.75 0.95 0.00	30.71 0.87 0.00	31.21 0.85 0.00	31.61 0.74 0.00	33.08 0.74 0.00	36.27 0.85 0.00	39.04 0.99 0.00	35.96 1.01 0.00	31.75 0.86 0.00	31.26 0.88 0.00	29.28 0.85 0.00	26.79 0.70 0.00	24.78 0.67 0.00

ONONDAGA_REF_OCCRA 23987	23.25 0.14 0.00	21.38 0.09 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.62 0.02 0.00	21.86 0.09 0.00	25.16 0.10 0.00	28.17 0.03 0.00	29.39 0.06 0.00	29.08 0.14 0.00	30.01 0.21 0.00	30.06 0.21 0.00	30.45 0.09 0.00	30.87 0.00 0.00	32.34 0.00 0.00	35.39 -0.04 0.00	38.13 0.08 0.00	35.09 0.14 0.00	31.04 0.15 0.00	30.47 0.09 0.00	28.57 0.14 0.00	26.19 0.10 0.00	24.32 0.22 0.00
ONONDAGA___COGEN 23986	23.27 0.16 0.00	21.40 0.11 0.00	20.32 0.04 0.00	19.31 0.04 0.00	19.31 0.04 0.00	20.66 0.06 0.00	21.88 0.11 0.00	25.21 0.15 0.00	28.20 0.06 0.00	29.45 0.12 0.00	29.11 0.17 0.00	30.07 0.27 0.00	30.12 0.27 0.00	30.54 0.18 0.00	30.93 0.06 0.00	32.44 0.10 0.00	35.46 0.04 0.00	38.20 0.15 0.00	35.16 0.21 0.00	31.10 0.22 0.00	30.53 0.15 0.00	28.62 0.20 0.00	26.24 0.16 0.00	24.37 0.27 0.00
ONTARIO___LFGE 23819	23.75 0.65 0.00	21.84 0.55 0.00	20.57 0.28 0.00	19.54 0.27 0.00	19.56 0.29 0.00	20.99 0.39 0.00	22.32 0.54 0.00	25.69 0.63 0.00	28.53 0.39 0.00	29.77 0.44 0.00	29.54 0.61 0.00	30.60 0.80 0.00	30.78 0.93 0.00	31.21 0.85 0.00	31.30 0.43 0.00	32.60 0.26 0.00	35.46 0.04 0.00	38.47 0.42 0.00	35.72 0.77 0.00	31.88 0.99 0.00	31.20 0.82 0.00	29.25 0.82 0.00	26.76 0.68 0.00	25.09 0.99 0.00
ORANGEVILLE_WT_PWR 323706	23.73 0.62 0.00	21.80 0.51 0.00	20.37 0.08 0.00	19.35 0.08 0.00	19.37 0.10 0.00	20.80 0.21 0.00	22.12 0.35 0.00	25.24 0.18 0.00	27.75 -0.39 0.00	28.95 -0.38 0.00	28.82 -0.12 0.00	29.80 0.00 0.00	30.15 0.30 0.00	30.42 0.06 0.00	30.29 -0.59 0.00	31.24 -1.10 0.00	34.18 -1.24 0.00	37.40 -0.65 0.00	35.19 0.25 0.00	31.47 0.59 0.00	30.68 0.30 0.00	28.88 0.45 0.00	26.50 0.42 0.00	25.31 1.20 0.00
ORANGEVILLE___ESR 323794	23.73 0.62 0.00	21.80 0.51 0.00	20.37 0.08 0.00	19.35 0.08 0.00	19.37 0.10 0.00	20.80 0.21 0.00	22.12 0.35 0.00	25.24 0.18 0.00	27.75 -0.39 0.00	28.95 -0.38 0.00	28.82 -0.12 0.00	29.80 0.00 0.00	30.15 0.30 0.00	30.42 0.06 0.00	30.29 -0.59 0.00	31.24 -1.10 0.00	34.18 -1.24 0.00	37.40 -0.65 0.00	35.19 0.25 0.00	31.47 0.59 0.00	30.68 0.30 0.00	28.88 0.45 0.00	26.50 0.42 0.00	25.31 1.20 0.00
OSWEGATCHIE___HYD 24044	22.53 -0.58 0.00	20.70 -0.60 0.00	19.74 -0.55 0.00	18.90 -0.37 0.00	18.92 -0.35 0.00	20.29 -0.31 0.00	21.36 -0.41 0.00	24.49 -0.58 0.00	27.52 -0.62 0.00	28.68 -0.65 0.00	28.24 -0.69 0.00	29.08 -0.72 0.00	29.07 -0.78 0.00	29.48 -0.88 0.00	29.92 -0.96 0.00	31.34 -1.00 0.00	34.47 -0.95 0.00	37.06 -0.99 0.00	34.32 -0.63 0.00	30.33 -0.56 0.00	29.93 -0.45 0.00	27.97 -0.46 0.00	25.62 -0.47 0.00	23.62 -0.48 0.00
OSWEGO___5 23606	22.83 -0.28 0.00	21.04 -0.25 0.00	19.98 -0.30 0.00	19.00 -0.27 0.00	19.00 -0.27 0.00	20.31 -0.29 0.00	21.49 -0.28 0.00	24.71 -0.35 0.00	27.66 -0.48 0.00	28.86 -0.47 0.00	28.53 -0.41 0.00	29.41 -0.39 0.00	29.52 -0.33 0.00	30.00 -0.36 0.00	30.35 -0.53 0.00	31.72 -0.62 0.00	34.72 -0.71 0.00	37.37 -0.68 0.00	34.43 -0.52 0.00	30.45 -0.43 0.00	29.95 -0.43 0.00	28.03 -0.40 0.00	25.72 -0.37 0.00	23.88 -0.22 0.00
OSWEGO___6 23613	22.83 -0.28 0.00	21.04 -0.25 0.00	19.98 -0.30 0.00	19.00 -0.27 0.00	19.00 -0.27 0.00	20.31 -0.29 0.00	21.49 -0.28 0.00	24.71 -0.35 0.00	27.66 -0.48 0.00	28.86 -0.47 0.00	28.53 -0.41 0.00	29.41 -0.39 0.00	29.52 -0.33 0.00	30.00 -0.36 0.00	30.35 -0.53 0.00	31.72 -0.62 0.00	34.72 -0.71 0.00	37.37 -0.68 0.00	34.43 -0.52 0.00	30.45 -0.43 0.00	29.95 -0.43 0.00	28.03 -0.40 0.00	25.72 -0.37 0.00	23.88 -0.22 0.00
OUTOKUMPU-AB___DRP 24206	23.85 0.74 0.00	21.80 0.51 0.00	20.43 0.14 0.00	19.41 0.13 0.00	19.42 0.15 0.00	20.83 0.23 0.00	22.12 0.35 0.00	25.14 0.08 0.00	27.49 -0.65 0.00	28.71 -0.62 0.00	28.67 -0.26 0.00	29.71 -0.09 0.00	29.58 -0.27 0.00	29.42 -0.94 0.00	30.01 -0.86 0.00	31.24 -1.10 0.00	34.04 -1.38 0.00	37.14 -0.91 0.00	35.05 0.10 0.00	31.32 0.43 0.00	30.50 0.12 0.00	28.71 0.28 0.00	26.34 0.26 0.00	25.35 1.25 0.00
OXBOW____ 24026	23.66 0.55 0.00	21.72 0.43 0.00	20.28 0.00 0.00	19.29 0.02 0.00	19.29 0.02 0.00	20.68 0.08 0.00	21.88 0.11 0.00	24.86 -0.20 0.00	27.18 -0.96 0.00	28.36 -0.97 0.00	28.32 -0.61 0.00	29.35 -0.45 0.00	29.82 -0.03 0.00	30.12 -0.24 0.00	29.79 -1.08 0.00	30.59 -1.75 0.00	33.44 -1.98 0.00	36.53 -1.52 0.00	34.56 -0.38 0.00	30.92 0.03 0.00	30.11 -0.27 0.00	28.34 -0.09 0.00	26.03 -0.05 0.00	25.09 0.99 0.00
OXY_CHEM_DSASP 323612	23.36 0.25 0.00	21.36 0.06 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.31 -0.29 0.00	21.62 -0.15 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	28.63 -1.22 0.00	28.45 -1.91 0.00	29.05 -1.82 0.00	30.24 -2.10 0.00	32.87 -2.55 0.00	35.88 -2.17 0.00	33.93 -1.01 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.61 -0.47 0.00	24.70 0.60 0.00
OZONE_PARK_ESR 323760	25.16 2.06 0.00	23.19 1.89 0.00	21.95 1.66 0.00	20.81 1.54 0.00	20.79 1.52 0.00	22.21 1.61 0.00	23.71 1.94 0.00	27.55 2.48 0.00	31.07 2.93 0.00	32.44 3.11 0.00	31.80 2.86 0.00	32.72 2.92 0.00	32.89 3.04 0.00	33.64 3.28 0.00	34.30 3.43 0.00	36.42 3.65 -0.42	39.87 4.00 -0.44	42.38 4.11 -0.22	38.37 3.42 0.00	33.88 3.00 0.00	33.27 2.89 0.00	31.07 2.64 0.00	28.67 2.58 0.00	26.22 2.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.36 0.25 0.00	21.36 0.06 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.31 -0.29 0.00	21.62 -0.15 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	28.63 -1.22 0.00	28.45 -1.91 0.00	29.05 -1.82 0.00	30.24 -2.10 0.00	32.87 -2.55 0.00	35.88 -2.17 0.00	33.93 -1.01 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.61 -0.47 0.00	24.70 0.60 0.00
PACKARD___115KV_DUPONT_184 80571	23.36 0.25 0.00	21.36 0.06 0.00	20.04 -0.24 0.00	19.06 -0.21 0.00	19.08 -0.19 0.00	20.31 -0.29 0.00	21.62 -0.15 0.00	24.46 -0.60 0.00	26.73 -1.41 0.00	27.89 -1.44 0.00	27.83 -1.10 0.00	28.82 -0.98 0.00	28.63 -1.22 0.00	28.45 -1.91 0.00	29.05 -1.82 0.00	30.24 -2.10 0.00	32.87 -2.55 0.00	35.88 -2.17 0.00	33.93 -1.01 0.00	30.33 -0.56 0.00	29.56 -0.82 0.00	27.83 -0.60 0.00	25.61 -0.47 0.00	24.70 0.60 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.13 2.01 -0.01	23.15 1.85 -0.01	21.91 1.62 -0.01	20.78 1.50 -0.01	20.70 1.43 0.00	22.00 1.40 0.00	23.53 1.76 0.00	27.45 2.38 -0.01	30.85 2.70 -0.01	32.15 2.82 -0.01	31.54 2.60 -0.01	32.36 2.56 0.00	32.54 2.69 0.00	33.34 2.98 -0.01	33.97 3.09 -0.01	36.04 3.27 -0.43	39.55 3.68 -0.44	42.16 3.88 -0.23	37.92 2.97 0.00	33.48 2.59 0.00	32.84 2.46 0.00	30.90 2.47 0.00	28.54 2.45 -0.01	26.16 2.05 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.33 2.22 -0.01	23.34 2.04 -0.01	22.10 1.81 -0.01	20.96 1.68 -0.01	20.85 1.58 0.00	22.16 1.57 0.00	23.66 1.89 0.00	27.60 2.53 -0.01	31.02 2.87 -0.01	32.30 2.96 -0.01	31.69 2.75 -0.01	32.63 2.83 0.00	32.77 2.93 0.00	33.59 3.22 -0.01	34.12 3.24 -0.01	36.20 3.43 -0.43	39.73 3.86 -0.44	42.35 4.07 -0.23	38.09 3.15 0.00	33.64 2.75 0.00	32.99 2.61 0.00	31.07 2.64 0.00	28.70 2.61 -0.01	26.30 2.19 -0.01
PATROON__115KV_TB1 80586	23.89 0.79 0.00	22.08 0.79 0.00	20.95 0.67 0.00	19.87 0.60 0.00	19.89 0.62 0.00	21.20 0.60 0.00	22.51 0.74 0.00	25.97 0.90 0.00	29.27 1.13 0.00	30.44 1.11 0.00	29.97 1.04 0.00	30.84 1.04 0.00	30.95 1.10 0.00	31.60 1.24 0.00	32.17 1.30 0.00	33.19 1.33 0.47	36.42 1.49 0.49	39.29 1.48 0.25	36.14 1.19 0.00	31.94 1.05 0.00	31.44 1.06 0.00	29.36 0.94 0.00	26.94 0.86 0.00	24.73 0.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.85 0.74 0.00	21.78 0.49 0.00	20.41 0.12 0.00	19.39 0.12 0.00	19.40 0.13 0.00	20.85 0.25 0.00	22.16 0.39 0.00	25.32 0.25 0.00	27.75 -0.39 0.00	28.95 -0.38 0.00	28.93 0.00 0.00	30.01 0.21 0.00	29.94 0.09 0.00	29.87 -0.49 0.00	30.44 -0.43 0.00	31.79 -0.55 0.00	34.72 -0.71 0.00	37.79 -0.27 0.00	35.58 0.63 0.00	31.72 0.83 0.00	30.84 0.46 0.00	29.02 0.60 0.00	26.58 0.50 0.00	25.47 1.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.93 1.83 0.00	23.00 1.70 0.00	21.78 1.50 0.00	20.66 1.39 0.00	20.62 1.35 0.00	21.98 1.38 0.00	23.43 1.65 0.00	27.14 2.08 0.00	30.59 2.45 0.00	31.91 2.58 0.00	31.39 2.46 0.00	32.30 2.50 0.00	32.45 2.60 0.00	33.24 2.88 0.00	33.87 2.99 0.00	35.90 3.20 -0.36	39.38 3.58 -0.38	41.93 3.69 -0.19	38.02 3.08 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.76 2.33 0.00	28.25 2.16 0.00	25.88 1.78 0.00
PEEKSKILL____ 23653	24.72 1.62 0.00	22.74 1.45 0.00	21.58 1.30 0.00	20.49 1.21 0.00	20.46 1.20 0.00	21.83 1.24 0.00	23.27 1.50 0.00	26.95 1.88 0.00	30.36 2.22 0.00	31.68 2.35 0.00	31.13 2.20 0.00	32.04 2.24 0.00	32.06 2.21 0.00	32.70 2.34 0.00	33.53 2.66 0.00	35.73 2.97 -0.41	39.08 3.22 -0.43	41.58 3.31 -0.22	37.68 2.73 0.00	33.27 2.38 0.00	32.63 2.25 0.00	30.50 2.07 0.00	28.04 1.96 0.00	25.72 1.61 0.00
PGE MADISON__WINDPWR 24146	24.98 1.87 0.00	22.89 1.60 0.00	21.56 1.28 0.00	20.56 1.29 0.00	20.64 1.37 0.00	22.18 1.59 0.00	23.58 1.81 0.00	27.14 2.08 0.00	30.22 2.08 0.00	31.38 2.05 0.00	31.13 2.20 0.00	32.12 2.33 0.00	32.12 2.27 0.00	32.67 2.31 0.00	32.88 2.01 0.00	34.41 2.07 0.00	37.80 2.37 0.00	40.87 2.82 0.00	37.99 3.04 0.00	33.61 2.72 0.00	33.12 2.74 0.00	31.01 2.59 0.00	28.33 2.24 0.00	26.29 2.19 0.00
PIERCEFIELD__HYD 23852	22.07 -1.04 0.00	20.27 -1.02 0.00	19.41 -0.87 0.00	18.50 -0.77 0.00	18.50 -0.77 0.00	19.82 -0.78 0.00	20.83 -0.94 0.00	23.91 -1.15 0.00	26.93 -1.21 0.00	28.10 -1.23 0.00	27.69 -1.24 0.00	28.52 -1.28 0.00	28.54 -1.31 0.00	28.96 -1.40 0.00	29.36 -1.51 0.00	30.75 -1.58 0.00	33.79 -1.63 0.00	36.34 -1.71 0.00	33.48 -1.47 0.00	29.50 -1.39 0.00	29.10 -1.28 0.00	27.20 -1.22 0.00	24.88 -1.20 0.00	22.94 -1.16 0.00
PINELAWN_CC_1 323563	29.20 2.54 -3.55	24.09 2.32 -0.48	24.54 2.11 -2.14	21.85 1.97 -0.61	21.24 1.97 -0.01	22.69 2.08 -0.01	28.38 2.39 -4.21	30.13 2.93 -2.14	33.05 3.38 -1.54	33.16 3.52 -0.31	32.32 3.13 -0.26	32.84 3.04 0.00	32.89 2.98 -0.05	34.14 3.25 -0.53	37.53 3.67 -2.99	38.77 4.04 -2.39	40.46 4.46 -0.58	45.44 4.68 -2.71	39.08 4.05 -0.08	34.66 3.46 -0.31	33.71 3.31 -0.02	32.51 3.07 -1.01	31.02 3.05 -1.89	30.22 2.63 -3.49
PJM_GEN_HTP_PROXY 323702	24.89 1.78 0.00	22.89 1.60 0.00	21.72 1.44 0.00	20.62 1.35 0.00	20.60 1.33 0.00	21.98 1.38 0.00	23.47 1.70 0.00	27.22 2.16 0.00	30.70 2.56 0.00	32.06 2.73 0.00	31.42 2.49 0.00	32.33 2.53 0.00	32.36 2.51 0.00	32.97 2.61 0.00	33.84 2.96 0.00	36.09 3.33 -0.42	39.41 3.54 -0.44	41.89 3.62 -0.22	37.92 2.97 0.00	33.48 2.59 0.00	32.87 2.49 0.00	30.73 2.30 0.00	28.30 2.22 0.00	25.93 1.83 0.00
PJM_GEN_KEystone 24065	24.01 0.90 0.00	22.10 0.81 0.00	20.83 0.55 0.00	19.77 0.50 0.00	19.77 0.50 0.00	21.15 0.56 0.00	22.53 0.76 0.00	25.92 0.85 0.00	28.90 0.76 0.00	30.15 0.82 0.00	29.83 0.90 0.00	30.75 0.95 0.00	30.92 1.07 0.00	31.42 1.06 0.00	31.89 1.02 0.00	33.56 1.00 -0.22	36.78 1.13 -0.23	39.50 1.33 -0.11	36.31 1.36 0.00	32.21 1.33 0.00	31.47 1.09 0.00	29.48 1.05 0.00	27.10 1.02 0.00	25.26 1.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.74 2.08 -3.55	23.66 1.89 -0.48	24.15 1.72 -2.14	21.48 1.60 -0.61	20.90 1.62 -0.01	22.30 1.69 -0.01	27.94 1.96 -4.21	29.63 2.43 -2.14	32.49 2.81 -1.54	32.60 2.96 -0.31	31.80 2.60 -0.26	32.39 2.59 0.00	32.44 2.54 -0.05	33.62 2.73 -0.53	36.95 3.09 -2.99	38.19 3.46 -2.39	39.75 3.75 -0.57	44.64 3.88 -2.71	38.29 3.32 -0.02	34.04 2.84 -0.31	33.10 2.70 -0.02	31.94 2.50 -1.01	30.48 2.50 -1.89	29.71 2.12 -3.49
PJM_GEN_VFT_PROXY 323633	24.82 1.71 0.00	22.83 1.53 0.00	21.66 1.38 0.00	20.54 1.27 0.00	20.52 1.25 0.00	21.92 1.32 0.00	23.38 1.61 0.00	27.17 2.11 0.00	30.64 2.50 0.00	32.00 2.67 0.00	31.36 2.43 0.00	32.27 2.47 0.00	32.27 2.42 0.00	32.85 2.49 0.00	33.71 2.84 0.00	35.93 3.17 -0.42	39.27 3.40 -0.44	41.70 3.43 -0.22	37.75 2.80 0.00	33.36 2.47 0.00	32.78 2.40 0.00	30.64 2.22 0.00	28.25 2.16 0.00	25.86 1.76 0.00
PLATSBRG_115KV_PMLD1 355749	22.95 -0.16 0.00	21.08 -0.21 0.00	20.16 -0.12 0.00	19.21 -0.06 0.00	19.29 0.02 0.00	20.62 0.02 0.00	21.71 -0.07 0.00	24.91 -0.15 0.00	28.00 -0.14 0.00	29.21 -0.12 0.00	28.87 -0.06 0.00	29.77 -0.03 0.00	29.79 -0.06 0.00	30.21 -0.15 0.00	30.75 -0.12 0.00	32.21 -0.13 0.00	35.42 0.00 0.00	38.09 0.04 0.00	35.16 0.21 0.00	30.98 0.09 0.00	30.56 0.18 0.00	28.57 0.14 0.00	26.08 0.00 0.00	24.08 -0.02 0.00
PLEASANTVLY__LBMP 24000	24.52 1.41 0.00	22.63 1.34 0.00	21.46 1.18 0.00	20.35 1.08 0.00	20.33 1.06 0.00	21.69 1.09 0.00	23.10 1.33 0.00	26.69 1.63 0.00	30.05 1.91 0.00	31.32 1.99 0.00	30.78 1.85 0.00	31.68 1.88 0.00	31.82 1.97 0.00	32.55 2.19 0.00	33.19 2.32 0.00	35.28 2.46 -0.49	38.66 2.73 -0.50	41.08 2.78 -0.25	37.22 2.27 0.00	32.86 1.98 0.00	32.29 1.91 0.00	30.19 1.76 0.00	27.75 1.67 0.00	25.45 1.35 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.77 1.66 0.00	22.85 1.55 0.00	21.64 1.36 0.00	20.54 1.27 0.00	20.52 1.25 0.00	21.90 1.30 0.00	23.34 1.57 0.00	27.04 1.98 0.00	30.48 2.34 0.00	31.79 2.46 0.00	31.25 2.31 0.00	32.15 2.35 0.00	32.33 2.48 0.00	33.06 2.70 0.00	33.71 2.84 0.00	35.81 3.04 -0.43	39.20 3.33 -0.44	41.70 3.42 -0.22	37.81 2.87 0.00	33.36 2.47 0.00	32.72 2.34 0.00	30.58 2.16 0.00	28.12 2.03 0.00	25.76 1.66 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.77 1.66 0.00	22.85 1.55 0.00	21.64 1.36 0.00	20.54 1.27 0.00	20.52 1.25 0.00	21.90 1.30 0.00	23.34 1.57 0.00	27.04 1.98 0.00	30.48 2.34 0.00	31.79 2.46 0.00	31.25 2.31 0.00	32.15 2.35 0.00	32.33 2.48 0.00	33.06 2.70 0.00	33.71 2.84 0.00	35.81 3.04 -0.43	39.20 3.33 -0.44	41.70 3.42 -0.22	37.81 2.87 0.00	33.36 2.47 0.00	32.72 2.34 0.00	30.58 2.16 0.00	28.12 2.03 0.00	25.76 1.66 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.72 1.62 0.00	22.78 1.49 0.00	21.60 1.32 0.00	20.49 1.21 0.00	20.41 1.14 0.00	21.79 1.19 0.00	23.19 1.42 0.00	26.72 1.65 0.00	30.08 1.94 0.00	31.35 2.02 0.00	30.78 1.85 0.00	31.71 1.91 0.00	31.85 2.00 0.00	32.58 2.22 0.00	33.22 2.35 0.00	34.77 2.55 0.12	38.13 2.83 0.13	40.92 2.93 0.07	37.36 2.41 0.00	32.96 2.07 0.00	32.45 2.07 0.00	30.33 1.90 0.00	27.86 1.77 0.00	25.57 1.47 0.00
POLETTI____ 23519	24.91 1.80 0.00	22.97 1.68 0.00	21.74 1.46 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.47 1.70 0.00	27.25 2.18 0.00	30.70 2.56 0.00	32.09 2.76 0.00	31.45 2.52 0.00	32.33 2.53 0.00	32.51 2.66 0.00	33.27 2.91 0.00	33.93 3.06 0.00	35.96 3.20 -0.42	39.37 3.51 -0.44	41.89 3.61 -0.22	37.88 2.94 0.00	33.48 2.59 0.00	32.87 2.49 0.00	30.73 2.30 0.00	28.35 2.27 0.00	25.93 1.83 0.00
POMONA____ESR 323819	24.70 1.59 0.00	22.72 1.43 0.00	21.56 1.28 0.00	20.45 1.18 0.00	20.41 1.14 0.00	21.79 1.19 0.00	23.23 1.46 0.00	26.87 1.81 0.00	30.25 2.11 0.00	31.56 2.23 0.00	31.02 2.08 0.00	31.95 2.15 0.00	31.97 2.12 0.00	32.61 2.25 0.00	33.47 2.59 0.00	35.60 2.88 -0.38	39.01 3.19 -0.40	41.49 3.23 -0.20	37.60 2.65 0.00	33.20 2.32 0.00	32.60 2.22 0.00	30.44 2.02 0.00	27.99 1.90 0.00	25.69 1.59 0.00
PORT_JEFF_3 23555	29.27 2.61 -3.55	24.19 2.43 -0.48	24.68 2.25 -2.14	22.02 2.14 -0.61	21.40 2.12 -0.01	22.81 2.21 -0.01	28.50 2.52 -4.21	30.21 3.01 -2.14	33.20 3.52 -1.54	33.22 3.58 -0.31	32.32 3.13 -0.26	32.84 3.04 0.00	32.89 2.98 -0.05	34.17 3.28 -0.53	37.60 3.73 -2.99	38.84 4.11 -2.39	40.53 4.54 -0.57	45.52 4.76 -2.71	39.77 4.16 -0.67	34.81 3.61 -0.31	33.83 3.43 -0.02	32.59 3.15 -1.01	31.07 3.10 -1.89	30.31 2.72 -3.49
PORT_JEFF_4 23616	29.27 2.61 -3.55	24.19 2.43 -0.48	24.68 2.25 -2.14	22.02 2.14 -0.61	21.40 2.12 -0.01	22.81 2.21 -0.01	28.50 2.52 -4.21	30.21 3.01 -2.14	33.20 3.52 -1.54	33.22 3.58 -0.31	32.32 3.13 -0.26	32.84 3.04 0.00	32.89 2.98 -0.05	34.17 3.28 -0.53	37.60 3.73 -2.99	38.84 4.11 -2.39	40.53 4.54 -0.57	45.52 4.76 -2.71	39.77 4.16 -0.67	34.81 3.61 -0.31	33.83 3.43 -0.02	32.59 3.15 -1.01	31.07 3.10 -1.89	30.31 2.72 -3.49
PORT_JEFF_IC 23713	29.31 2.66 -3.55	24.26 2.49 -0.48	24.74 2.31 -2.14	22.06 2.18 -0.61	21.44 2.16 -0.01	22.85 2.25 -0.01	28.55 2.57 -4.21	30.26 3.06 -2.14	33.25 3.57 -1.54	33.31 3.67 -0.31	32.40 3.21 -0.26	32.90 3.10 0.00	33.01 3.10 -0.05	34.26 3.37 -0.53	37.69 3.83 -2.99	38.97 4.24 -2.39	40.68 4.68 -0.58	45.68 4.91 -2.71	40.01 4.30 -0.76	34.94 3.74 -0.31	33.95 3.55 -0.02	32.67 3.24 -1.01	31.13 3.15 -1.89	30.36 2.77 -3.49
PPL PILGRIM_ST_GT1 24216	29.31 2.66 -3.55	24.22 2.45 -0.48	24.68 2.25 -2.14	22.00 2.12 -0.61	21.38 2.10 -0.01	22.81 2.21 -0.01	28.50 2.52 -4.21	30.26 3.06 -2.14	33.22 3.55 -1.54	33.31 3.67 -0.31	32.38 3.18 -0.26	32.87 3.07 0.00	32.95 3.05 -0.05	34.20 3.31 -0.53	37.60 3.73 -2.99	38.87 4.14 -2.39	40.60 4.57 -0.60	45.55 4.76 -2.74	39.24 4.12 -0.17	34.78 3.55 -0.34	33.83 3.40 -0.05	32.56 3.13 -1.01	31.13 3.15 -1.89	30.34 2.75 -3.49
PPL PILGRIM_ST_GT2 24217	29.31 2.66 -3.55	24.22 2.45 -0.48	24.68 2.25 -2.14	22.00 2.12 -0.61	21.38 2.10 -0.01	22.81 2.21 -0.01	28.50 2.52 -4.21	30.26 3.06 -2.14	33.22 3.55 -1.54	33.31 3.67 -0.31	32.38 3.18 -0.26	32.87 3.07 0.00	32.95 3.05 -0.05	34.20 3.31 -0.53	37.60 3.73 -2.99	38.87 4.14 -2.39	40.60 4.57 -0.60	45.55 4.76 -2.74	39.24 4.12 -0.17	34.78 3.55 -0.34	33.83 3.40 -0.05	32.56 3.13 -1.01	31.13 3.15 -1.89	30.34 2.75 -3.49
PPL_SHRM_GT3 24213	29.06 2.40 -3.55	24.11 2.34 -0.48	24.66 2.23 -2.14	22.04 2.16 -0.61	21.36 2.08 -0.01	22.77 2.16 -0.01	28.44 2.46 -4.21	30.13 2.93 -2.14	33.11 3.43 -1.54	32.98 3.34 -0.31	32.09 2.89 -0.26	32.63 2.83 0.00	32.71 2.80 -0.05	34.02 3.13 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.36 4.36 -0.58	45.33 4.56 -2.71	39.68 4.05 -0.68	34.81 3.61 -0.31	33.83 3.43 -0.02	32.53 3.10 -1.01	30.89 2.92 -1.89	30.12 2.53 -3.49
PPL_SHRM_GT4 24214	29.06 2.40 -3.55	24.11 2.34 -0.48	24.66 2.23 -2.14	22.04 2.16 -0.61	21.36 2.08 -0.01	22.77 2.16 -0.01	28.44 2.46 -4.21	30.13 2.93 -2.14	33.11 3.43 -1.54	32.98 3.34 -0.31	32.09 2.89 -0.26	32.63 2.83 0.00	32.71 2.80 -0.05	34.02 3.13 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.36 4.36 -0.58	45.33 4.56 -2.71	39.68 4.05 -0.68	34.81 3.61 -0.31	33.83 3.43 -0.02	32.53 3.10 -1.01	30.89 2.92 -1.89	30.12 2.53 -3.49
PROJECT___ORANGE 1 24174	23.18 0.07 0.00	21.31 0.02 0.00	20.24 -0.04 0.00	19.23 -0.04 0.00	19.23 -0.04 0.00	20.58 -0.02 0.00	21.79 0.02 0.00	25.09 0.03 0.00	28.08 -0.06 0.00	29.30 -0.03 0.00	28.99 0.06 0.00	29.92 0.12 0.00	29.94 0.09 0.00	30.33 -0.03 0.00	30.75 -0.12 0.00	32.21 -0.13 0.00	35.21 -0.21 0.00	37.94 -0.11 0.00	34.91 -0.03 0.00	30.89 0.00 0.00	30.35 -0.03 0.00	28.42 0.00 0.00	26.11 0.03 0.00	24.25 0.14 0.00
PROJECT___ORANGE 2 24166	23.18 0.07 0.00	21.31 0.02 0.00	20.24 -0.04 0.00	19.23 -0.04 0.00	19.23 -0.04 0.00	20.58 -0.02 0.00	21.79 0.02 0.00	25.09 0.03 0.00	28.08 -0.06 0.00	29.30 -0.03 0.00	28.99 0.06 0.00	29.92 0.12 0.00	29.94 0.09 0.00	30.33 -0.03 0.00	30.75 -0.12 0.00	32.21 -0.13 0.00	35.21 -0.21 0.00	37.94 -0.11 0.00	34.91 -0.03 0.00	30.89 0.00 0.00	30.35 -0.03 0.00	28.42 0.00 0.00	26.11 0.03 0.00	24.25 0.14 0.00
PUCKETT___SOLAR 323809	23.99 0.88 0.00	22.06 0.77 0.00	20.83 0.55 0.00	19.81 0.54 0.00	19.83 0.56 0.00	21.26 0.66 0.00	22.55 0.78 0.00	25.94 0.88 0.00	28.93 0.79 0.00	30.12 0.79 0.00	29.77 0.84 0.00	30.66 0.86 0.00	30.78 0.93 0.00	31.27 0.91 0.00	31.58 0.71 0.00	33.05 0.71 0.00	36.27 0.85 0.00	39.19 1.14 0.00	36.31 1.36 0.00	32.18 1.30 0.00	31.60 1.22 0.00	29.59 1.17 0.00	27.10 1.02 0.00	25.21 1.11 0.00
PYRITES___HYD 24023	22.51 -0.60 0.00	20.67 -0.62 0.00	19.80 -0.49 0.00	18.87 -0.40 0.00	18.88 -0.39 0.00	20.23 -0.37 0.00	21.25 -0.52 0.00	24.36 -0.70 0.00	27.44 -0.70 0.00	28.63 -0.70 0.00	28.21 -0.72 0.00	29.11 -0.69 0.00	29.10 -0.75 0.00	29.51 -0.85 0.00	29.85 -1.02 0.00	31.27 -1.07 0.00	34.40 -1.03 0.00	36.99 -1.07 0.00	34.07 -0.87 0.00	30.05 -0.83 0.00	29.68 -0.70 0.00	27.74 -0.68 0.00	25.35 -0.73 0.00	23.38 -0.72 0.00

QUAKERRD_115KV_BK1 80622	22.99 -0.12 0.00	21.08 -0.21 0.00	19.94 -0.34 0.00	18.92 -0.35 0.00	18.92 -0.35 0.00	20.29 -0.31 0.00	21.53 -0.24 0.00	24.69 -0.38 0.00	27.38 -0.76 0.00	28.60 -0.73 0.00	28.41 -0.52 0.00	29.35 -0.45 0.00	29.28 -0.57 0.00	29.45 -0.91 0.00	29.92 -0.96 0.00	31.27 -1.07 0.00	34.08 -1.35 0.00	36.91 -1.14 0.00	34.28 -0.66 0.00	30.49 -0.40 0.00	29.89 -0.49 0.00	28.03 -0.40 0.00	25.69 -0.39 0.00	24.20 0.10 0.00
QUENSBRY_115KV_TB8 356137	24.54 1.43 0.00	22.61 1.32 0.00	21.46 1.18 0.00	20.33 1.06 0.00	20.33 1.06 0.00	21.75 1.15 0.00	23.14 1.37 0.00	26.77 1.70 0.00	30.17 2.03 0.00	31.44 2.11 0.00	30.75 1.82 0.00	31.59 1.79 0.00	31.43 1.58 0.00	32.06 1.70 0.00	32.60 1.73 0.00	33.55 1.71 0.50	36.89 1.98 0.52	39.84 2.05 0.26	37.01 2.06 0.00	32.68 1.79 0.00	32.54 2.16 0.00	30.30 1.88 0.00	27.75 1.67 0.00	25.45 1.35 0.00
RAMAPO___LBMP 323565	24.59 1.48 0.00	22.68 1.38 0.00	21.48 1.20 0.00	20.37 1.10 0.00	20.35 1.08 0.00	21.71 1.11 0.00	23.14 1.37 0.00	26.77 1.70 0.00	30.14 2.00 0.00	31.47 2.14 0.00	30.93 2.00 0.00	31.83 2.03 0.00	32.00 2.15 0.00	32.73 2.37 0.00	33.37 2.50 0.00	35.44 2.72 -0.38	38.83 3.01 -0.40	41.33 3.08 -0.20	37.46 2.52 0.00	33.08 2.19 0.00	32.45 2.07 0.00	30.33 1.90 0.00	27.88 1.80 0.00	25.60 1.49 0.00
RANKINE____ 23646	23.89 0.79 0.00	21.85 0.55 0.00	20.47 0.18 0.00	19.44 0.17 0.00	19.46 0.19 0.00	20.91 0.31 0.00	22.21 0.44 0.00	25.32 0.25 0.00	27.72 -0.42 0.00	28.95 -0.38 0.00	28.90 -0.03 0.00	29.95 0.15 0.00	29.82 -0.03 0.00	29.69 -0.67 0.00	30.29 -0.59 0.00	31.56 -0.78 0.00	34.43 -0.99 0.00	37.52 -0.53 0.00	35.40 0.45 0.00	31.60 0.71 0.00	30.74 0.36 0.00	28.96 0.54 0.00	26.55 0.47 0.00	25.50 1.40 0.00
RAVENSWOOD_GT2_1 24244	24.93 1.83 0.00	23.00 1.70 0.00	21.76 1.48 0.00	20.66 1.39 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.03 3.27 -0.42	39.44 3.58 -0.44	41.96 3.69 -0.22	37.95 3.01 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.96 1.86 0.00
RAVENSWOOD_GT2_2 24245	24.93 1.83 0.00	23.00 1.70 0.00	21.76 1.48 0.00	20.66 1.39 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.03 3.27 -0.42	39.44 3.58 -0.44	41.96 3.69 -0.22	37.95 3.01 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.96 1.86 0.00
RAVENSWOOD_GT2_3 24246	24.96 1.85 0.00	23.00 1.70 0.00	21.78 1.50 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.02 1.42 0.00	23.51 1.74 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.15 2.82 0.00	31.51 2.57 0.00	32.42 2.62 0.00	32.60 2.75 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.06 3.30 -0.42	39.48 3.61 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.98 1.88 0.00
RAVENSWOOD_GT2_4 24247	24.96 1.85 0.00	23.00 1.70 0.00	21.78 1.50 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.02 1.42 0.00	23.51 1.74 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.15 2.82 0.00	31.51 2.57 0.00	32.42 2.62 0.00	32.60 2.75 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.06 3.30 -0.42	39.48 3.61 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.98 1.88 0.00
RAVENSWOOD_GT3_1 24248	24.93 1.83 0.00	23.00 1.70 0.00	21.76 1.48 0.00	20.66 1.39 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.03 3.27 -0.42	39.44 3.58 -0.44	41.96 3.69 -0.22	37.95 3.01 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.98 1.88 0.00
RAVENSWOOD_GT3_2 24249	24.93 1.83 0.00	23.00 1.70 0.00	21.76 1.48 0.00	20.66 1.39 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.03 3.27 -0.42	39.44 3.58 -0.44	41.96 3.69 -0.22	37.95 3.01 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.98 1.88 0.00
RAVENSWOOD_GT3_3 24250	24.98 1.87 0.00	23.02 1.72 0.00	21.80 1.52 0.00	20.68 1.41 0.00	20.66 1.39 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.32 2.26 0.00	30.81 2.67 0.00	32.17 2.85 0.00	31.54 2.60 0.00	32.45 2.65 0.00	32.63 2.78 0.00	33.40 3.04 0.00	34.05 3.18 0.00	36.09 3.33 -0.42	39.51 3.65 -0.44	42.04 3.77 -0.22	38.02 3.08 0.00	33.60 2.72 0.00	32.96 2.58 0.00	30.81 2.39 0.00	28.43 2.35 0.00	26.01 1.90 0.00
RAVENSWOOD_GT3_4 24251	24.98 1.87 0.00	23.02 1.72 0.00	21.80 1.52 0.00	20.68 1.41 0.00	20.66 1.39 0.00	22.04 1.44 0.00	23.53 1.76 0.00	27.32 2.26 0.00	30.81 2.67 0.00	32.17 2.85 0.00	31.54 2.60 0.00	32.45 2.65 0.00	32.63 2.78 0.00	33.40 3.04 0.00	34.05 3.18 0.00	36.09 3.33 -0.42	39.51 3.65 -0.44	42.04 3.77 -0.22	38.02 3.08 0.00	33.60 2.72 0.00	32.96 2.58 0.00	30.81 2.39 0.00	28.43 2.35 0.00	26.01 1.90 0.00
RAVENSWOOD_GT_1 23729	25.05 1.94 0.00	23.02 1.72 0.00	21.85 1.56 0.00	20.72 1.45 0.00	20.68 1.41 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.43 2.36 -0.01	30.91 2.76 -0.01	32.32 2.96 -0.02	32.03 2.72 -0.38	32.74 2.74 -0.21	32.74 2.69 -0.20	33.38 2.79 -0.23	34.51 3.18 -0.46	36.26 3.49 -0.43	39.67 3.79 -0.45	50.07 3.92 -8.10	38.10 3.15 0.00	33.90 2.75 -0.27	33.05 2.61 -0.05	31.45 2.47 -0.56	29.85 2.43 -1.34	26.08 1.98 0.00
RAVENSWOOD_GT_10 24258	24.93 1.83 0.00	23.00 1.70 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.33 2.98 0.00	33.98 3.12 0.01	36.03 3.27 -0.42	39.44 3.58 -0.44	41.96 3.69 -0.22	37.95 3.01 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.96 1.86 0.00
RAVENSWOOD_GT_11 24259	24.93 1.83 0.00	22.93 1.64 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.00 1.40 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.03 2.67 0.00	33.89 3.03 0.01	36.12 3.36 -0.42	39.48 3.62 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.96 1.86 0.00

RAVENSWOOD_GT_4 24252	24.93 1.83 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.26 2.21 0.01	30.72 2.59 0.01	32.12 2.79 -0.01	31.75 2.55 -0.28	32.52 2.56 -0.16	32.69 2.69 -0.15	33.46 2.94 -0.16	34.20 3.09 -0.24	35.99 3.23 -0.42	39.41 3.54 -0.45	47.92 3.65 -6.22	37.95 3.01 0.00	33.72 2.63 -0.20	32.94 2.52 -0.04	31.18 2.33 -0.42	29.36 2.27 -1.01	25.96 1.86 0.00
RAVENSWOOD_GT_5 24254	24.93 1.83 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.26 2.21 0.01	30.72 2.59 0.01	32.12 2.79 -0.01	31.75 2.55 -0.28	32.52 2.56 -0.16	32.69 2.69 -0.15	33.46 2.94 -0.16	34.20 3.09 -0.24	35.99 3.23 -0.42	39.41 3.54 -0.45	47.92 3.65 -6.22	37.95 3.01 0.00	33.72 2.63 -0.20	32.94 2.52 -0.04	31.18 2.33 -0.42	29.36 2.27 -1.01	25.96 1.86 0.00
RAVENSWOOD_GT_6 24253	24.93 1.83 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.26 2.21 0.01	30.72 2.59 0.01	32.12 2.79 -0.01	31.75 2.55 -0.28	32.52 2.56 -0.16	32.69 2.69 -0.15	33.46 2.94 -0.16	34.20 3.09 -0.24	35.99 3.23 -0.42	39.41 3.54 -0.45	47.92 3.65 -6.22	37.95 3.01 0.00	33.72 2.63 -0.20	32.94 2.52 -0.04	31.18 2.33 -0.42	29.36 2.27 -1.01	25.96 1.86 0.00
RAVENSWOOD_GT_7 24255	24.93 1.83 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.26 2.21 0.01	30.72 2.59 0.01	32.12 2.79 -0.01	31.75 2.55 -0.28	32.52 2.56 -0.16	32.69 2.69 -0.15	33.46 2.94 -0.16	34.20 3.09 -0.24	35.99 3.23 -0.42	39.41 3.54 -0.45	47.92 3.65 -6.22	37.95 3.01 0.00	33.72 2.63 -0.20	32.94 2.52 -0.04	31.18 2.33 -0.42	29.36 2.27 -1.01	25.96 1.86 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.93 1.83 0.00	23.00 1.70 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.33 2.98 0.00	33.98 3.12 0.01	36.03 3.27 -0.42	39.44 3.58 -0.44	41.96 3.69 -0.22	37.95 3.01 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.96 1.86 0.00
RAVENSWOOD_GT_9 24257	24.93 1.83 0.00	23.00 1.70 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.27 2.21 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.33 2.98 0.00	33.98 3.12 0.01	36.03 3.27 -0.42	39.44 3.58 -0.44	41.96 3.69 -0.22	37.95 3.01 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.96 1.86 0.00
RAVENSWOOD___1 23533	25.02 1.92 0.00	23.02 1.72 0.00	21.82 1.54 0.00	20.70 1.43 0.00	20.66 1.39 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.27 2.93 -0.01	31.63 2.69 -0.01	32.51 2.71 0.00	32.50 2.66 0.00	33.13 2.76 -0.01	34.12 3.18 -0.07	36.26 3.49 -0.43	39.66 3.79 -0.44	42.16 3.88 -0.23	38.06 3.11 0.00	33.63 2.75 0.00	32.99 2.61 0.00	30.90 2.47 0.00	28.52 2.43 -0.01	26.05 1.95 0.00
RAVENSWOOD___2 23534	25.02 1.92 0.00	23.00 1.70 0.00	21.82 1.54 0.00	20.70 1.43 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.40 2.33 -0.01	30.88 2.73 -0.01	32.27 2.93 -0.01	31.63 2.69 -0.01	32.51 2.71 0.00	32.50 2.66 0.00	33.13 2.76 -0.01	34.09 3.15 -0.07	36.23 3.46 -0.43	39.62 3.75 -0.44	42.16 3.88 -0.23	38.06 3.11 0.00	33.61 2.72 0.00	32.99 2.61 0.00	30.87 2.44 0.00	28.49 2.40 -0.01	26.05 1.95 0.00
RAVENSWOOD___3 23535	24.96 1.85 0.00	22.95 1.66 0.00	21.76 1.48 0.00	20.66 1.39 0.00	20.64 1.37 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.29 2.23 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.51 2.57 0.00	32.39 2.59 0.00	32.38 2.54 0.00	33.03 2.67 0.00	33.90 3.03 0.00	36.12 3.36 -0.42	39.48 3.62 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.54 2.66 0.00	32.93 2.55 0.00	30.78 2.36 0.00	28.38 2.30 0.00	25.98 1.88 0.00
RAVENSWOOD___4 23820	25.00 1.90 0.00	23.00 1.70 0.00	21.82 1.54 0.00	20.70 1.43 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.38 2.30 -0.01	30.85 2.70 -0.01	32.23 2.90 0.01	31.27 2.69 0.36	32.31 2.71 0.20	32.31 2.66 0.20	32.89 2.73 0.21	33.71 3.15 0.31	36.23 3.46 -0.43	39.61 3.75 -0.43	34.42 3.88 7.52	38.06 3.11 0.00	33.34 2.72 0.26	32.91 2.58 0.05	30.32 2.44 0.55	27.18 2.40 1.30	26.05 1.95 0.00
RCPI_TRUST___DRP 24196	24.93 1.83 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.51 1.74 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.06 3.30 -0.42	39.48 3.61 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.51 2.63 0.00	32.93 2.55 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
RED___ROCHESTER 323720	23.92 0.81 0.00	21.99 0.70 0.00	20.65 0.37 0.00	19.60 0.33 0.00	19.62 0.35 0.00	21.03 0.43 0.00	22.32 0.54 0.00	25.57 0.50 0.00	28.31 0.17 0.00	29.56 0.23 0.00	29.42 0.49 0.00	30.39 0.60 0.00	30.66 0.81 0.00	31.09 0.73 0.00	31.03 0.16 0.00	32.15 -0.19 0.00	35.11 -0.32 0.00	38.13 0.08 0.00	35.54 0.59 0.00	31.66 0.77 0.00	31.02 0.64 0.00	29.08 0.65 0.00	26.66 0.57 0.00	25.23 1.13 0.00
REGAN___SOLAR 323812	25.67 2.56 0.00	23.59 2.30 0.00	22.37 2.09 0.00	21.20 1.93 0.00	21.24 1.97 0.00	22.76 2.16 0.00	24.25 2.48 0.00	27.87 2.81 0.00	31.15 3.01 0.00	32.12 2.79 0.00	31.56 2.63 0.00	33.19 3.40 0.00	33.10 3.25 0.00	33.67 3.31 0.00	33.59 2.72 0.00	34.94 2.94 0.34	38.47 3.40 0.36	41.68 3.80 0.18	38.58 3.63 0.00	34.13 3.24 0.00	34.05 3.67 0.00	31.69 3.27 0.00	28.98 2.90 0.00	26.65 2.55 0.00
RENSSELAER___COGEN 23796	23.75 0.65 0.00	21.93 0.64 0.00	20.85 0.57 0.00	19.77 0.50 0.00	19.79 0.52 0.00	21.09 0.49 0.00	22.38 0.61 0.00	25.79 0.73 0.00	29.07 0.93 0.00	30.24 0.91 0.00	29.74 0.81 0.00	30.60 0.80 0.00	30.62 0.77 0.00	31.24 0.88 0.00	31.92 1.05 0.00	33.04 1.16 0.46	36.22 1.27 0.48	39.06 1.25 0.24	35.93 0.98 0.00	31.75 0.86 0.00	31.26 0.88 0.00	29.19 0.77 0.00	26.79 0.70 0.00	24.58 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.90 2.80 0.00	23.83 2.53 0.00	22.64 2.35 0.00	21.43 2.16 0.00	21.45 2.18 0.00	23.01 2.41 0.00	24.54 2.76 0.00	28.47 3.41 0.00	32.14 4.00 0.00	33.47 4.14 0.00	32.84 3.91 0.00	33.97 4.17 0.00	33.61 3.76 0.00	34.25 3.89 0.00	34.52 3.64 0.00	35.45 3.62 0.51	39.01 4.11 0.52	42.16 4.38 0.26	39.18 4.23 0.00	34.59 3.71 0.00	34.57 4.19 0.00	32.12 3.70 0.00	29.34 3.26 0.00	26.90 2.80 0.00

REVERE_CPDR_DRP 24186	23.92 0.81 0.00	21.93 0.64 0.00	20.81 0.53 0.00	19.85 0.58 0.00	19.89 0.62 0.00	21.34 0.74 0.00	22.58 0.81 0.00	25.97 0.90 0.00	29.24 1.10 0.00	30.33 1.00 0.00	30.00 1.07 0.00	30.96 1.16 0.00	30.89 1.04 0.00	31.42 1.06 0.00	31.80 0.93 0.00	33.24 0.91 0.00	36.52 1.10 0.00	39.31 1.26 0.00	36.21 1.26 0.00	31.94 1.05 0.00	31.50 1.12 0.00	29.48 1.05 0.00	26.97 0.89 0.00	24.90 0.80 0.00
REYNOLDS_115KV_TB3 80639	23.92 0.81 0.00	22.14 0.85 0.00	21.01 0.73 0.00	19.93 0.66 0.00	19.92 0.66 0.00	21.26 0.66 0.00	22.55 0.78 0.00	25.99 0.93 0.00	29.29 1.15 0.00	30.44 1.11 0.00	29.97 1.04 0.00	30.81 1.01 0.00	30.92 1.07 0.00	31.57 1.21 0.00	32.20 1.33 0.00	33.15 1.36 0.54	36.38 1.52 0.57	39.29 1.52 0.29	36.21 1.26 0.00	31.97 1.08 0.00	31.47 1.09 0.00	29.39 0.97 0.00	26.97 0.89 0.00	24.75 0.65 0.00
RIVERBAY____ 323610	25.33 2.22 -0.01	23.34 2.04 -0.01	22.10 1.81 -0.01	20.96 1.68 -0.01	20.85 1.58 0.00	22.16 1.57 0.00	23.66 1.89 0.00	27.60 2.53 -0.01	31.02 2.87 -0.01	32.30 2.96 -0.01	31.69 2.75 -0.01	32.63 2.83 0.00	32.77 2.93 0.00	33.59 3.22 -0.01	34.12 3.24 -0.01	36.20 3.43 -0.43	39.73 3.86 -0.44	42.35 4.07 -0.23	38.09 3.15 0.00	33.64 2.75 0.00	32.99 2.61 0.00	31.07 2.64 0.00	28.70 2.61 -0.01	26.30 2.19 -0.01
RIVERSDE_115KV_TB3 55908	23.87 0.76 0.00	22.08 0.79 0.00	20.95 0.67 0.00	19.87 0.60 0.00	19.89 0.62 0.00	21.20 0.60 0.00	22.51 0.74 0.00	25.94 0.88 0.00	29.24 1.10 0.00	30.42 1.09 0.00	29.92 0.98 0.00	30.78 0.98 0.00	30.89 1.04 0.00	31.54 1.18 0.00	32.14 1.27 0.00	33.13 1.29 0.50	36.35 1.45 0.52	39.23 1.45 0.26	36.14 1.19 0.00	31.91 1.02 0.00	31.41 1.03 0.00	29.33 0.91 0.00	26.92 0.83 0.00	24.70 0.60 0.00
ROARING__BROOK_WT_PWR 323790	22.09 -1.02 0.00	20.40 -0.89 0.00	19.47 -0.81 0.00	18.58 -0.69 0.00	18.65 -0.62 0.00	19.92 -0.68 0.00	21.05 -0.72 0.00	24.36 -0.70 0.00	27.52 -0.62 0.00	28.77 -0.56 0.00	28.44 -0.49 0.00	29.32 -0.48 0.00	29.31 -0.54 0.00	29.78 -0.58 0.00	30.26 -0.62 0.00	31.63 -0.71 0.00	34.61 -0.81 0.00	37.18 -0.87 0.00	34.21 -0.74 0.00	30.33 -0.56 0.00	29.89 -0.49 0.00	27.97 -0.46 0.00	25.67 -0.42 0.00	23.74 -0.36 0.00
ROCHESRG_115KV_T4 355643	23.59 0.49 0.00	21.63 0.34 0.00	20.41 0.12 0.00	19.39 0.12 0.00	19.39 0.12 0.00	20.78 0.19 0.00	22.05 0.28 0.00	25.24 0.18 0.00	27.92 -0.23 0.00	29.15 -0.18 0.00	28.99 0.06 0.00	29.95 0.15 0.00	29.82 -0.03 0.00	29.93 -0.43 0.00	30.47 -0.40 0.00	31.79 -0.55 0.00	34.65 -0.78 0.00	37.59 -0.46 0.00	35.05 0.10 0.00	31.20 0.31 0.00	30.56 0.18 0.00	28.68 0.26 0.00	26.29 0.21 0.00	24.90 0.80 0.00
ROCHESTER_9_IC 23652	23.78 0.67 0.00	21.78 0.49 0.00	20.55 0.26 0.00	19.50 0.23 0.00	19.50 0.23 0.00	20.93 0.33 0.00	22.21 0.44 0.00	25.42 0.35 0.00	28.11 -0.03 0.00	29.36 0.03 0.00	29.22 0.29 0.00	30.19 0.39 0.00	30.06 0.21 0.00	30.18 -0.18 0.00	30.72 -0.15 0.00	32.05 -0.29 0.00	34.93 -0.50 0.00	37.90 -0.15 0.00	35.33 0.38 0.00	31.44 0.56 0.00	30.81 0.43 0.00	28.91 0.48 0.00	26.50 0.42 0.00	25.07 0.96 0.00
ROCKVIEW_13_KV_LD 356306	24.91 1.80 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.64 1.37 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.25 2.18 0.00	30.70 2.56 0.00	32.06 2.73 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.30 2.94 0.00	33.96 3.09 0.00	36.06 3.30 -0.42	39.48 3.61 -0.44	42.00 3.73 -0.22	38.06 3.11 0.00	33.57 2.69 0.00	32.96 2.58 0.00	30.78 2.36 0.00	28.33 2.24 0.00	25.93 1.83 0.00
ROME____115KV_TB2 80656	23.92 0.81 0.00	21.93 0.64 0.00	20.81 0.53 0.00	19.85 0.58 0.00	19.89 0.62 0.00	21.34 0.74 0.00	22.58 0.81 0.00	25.97 0.90 0.00	29.24 1.10 0.00	30.33 1.00 0.00	30.00 1.07 0.00	30.96 1.16 0.00	30.89 1.04 0.00	31.42 1.06 0.00	31.80 0.93 0.00	33.24 0.91 0.00	36.52 1.10 0.00	39.31 1.26 0.00	36.21 1.26 0.00	31.94 1.05 0.00	31.50 1.12 0.00	29.48 1.05 0.00	26.97 0.89 0.00	24.90 0.80 0.00
ROSETON__1 23587	24.49 1.39 0.00	22.57 1.28 0.00	21.42 1.14 0.00	20.31 1.04 0.00	20.29 1.02 0.00	21.67 1.07 0.00	23.08 1.31 0.00	26.64 1.58 0.00	30.03 1.89 0.00	31.30 1.97 0.00	30.76 1.82 0.00	31.65 1.85 0.00	31.67 1.82 0.00	32.30 1.94 0.00	33.10 2.22 0.00	35.21 2.49 -0.38	38.55 2.73 -0.40	41.03 2.78 -0.20	37.22 2.27 0.00	32.87 1.98 0.00	32.30 1.92 0.00	30.16 1.73 0.00	27.73 1.64 0.00	25.45 1.35 0.00
ROSETON__2 23588	24.49 1.39 0.00	22.57 1.28 0.00	21.42 1.14 0.00	20.31 1.04 0.00	20.29 1.02 0.00	21.67 1.07 0.00	23.08 1.31 0.00	26.64 1.58 0.00	30.03 1.89 0.00	31.30 1.97 0.00	30.76 1.82 0.00	31.65 1.85 0.00	31.67 1.82 0.00	32.30 1.94 0.00	33.10 2.22 0.00	35.21 2.49 -0.38	38.55 2.73 -0.40	41.03 2.78 -0.20	37.22 2.27 0.00	32.87 1.98 0.00	32.30 1.92 0.00	30.16 1.73 0.00	27.73 1.64 0.00	25.45 1.35 0.00
ROTTTRDAM_115KV_TB3 80664	24.12 1.02 0.00	22.27 0.98 0.00	21.14 0.85 0.00	20.04 0.77 0.00	20.04 0.77 0.00	21.42 0.82 0.00	22.75 0.98 0.00	26.24 1.18 0.00	29.52 1.38 0.00	30.71 1.38 0.00	30.21 1.27 0.00	31.11 1.31 0.00	31.19 1.34 0.00	31.82 1.46 0.00	32.35 1.48 0.00	33.48 1.55 0.41	36.74 1.74 0.42	39.63 1.79 0.21	36.52 1.57 0.00	32.28 1.39 0.00	31.81 1.43 0.00	29.70 1.28 0.00	27.26 1.17 0.00	25.04 0.94 0.00
RUSSELL__1 23602	23.92 0.81 0.00	21.89 0.60 0.00	20.65 0.37 0.00	19.60 0.33 0.00	19.62 0.35 0.00	21.03 0.43 0.00	22.32 0.54 0.00	25.57 0.50 0.00	28.31 0.17 0.00	29.56 0.23 0.00	29.42 0.49 0.00	30.40 0.60 0.00	30.27 0.42 0.00	30.39 0.03 0.00	30.93 0.06 0.00	32.27 -0.06 0.00	35.18 -0.25 0.00	38.17 0.11 0.00	35.54 0.59 0.00	31.66 0.77 0.00	31.02 0.64 0.00	29.08 0.65 0.00	26.66 0.57 0.00	25.23 1.13 0.00
RUSSELL__2 23532	23.92 0.81 0.00	21.89 0.60 0.00	20.65 0.37 0.00	19.60 0.33 0.00	19.62 0.35 0.00	21.03 0.43 0.00	22.32 0.54 0.00	25.57 0.50 0.00	28.31 0.17 0.00	29.56 0.23 0.00	29.42 0.49 0.00	30.40 0.60 0.00	30.27 0.42 0.00	30.39 0.03 0.00	30.93 0.06 0.00	32.27 -0.06 0.00	35.18 -0.25 0.00	38.17 0.11 0.00	35.54 0.59 0.00	31.66 0.77 0.00	31.02 0.64 0.00	29.08 0.65 0.00	26.66 0.57 0.00	25.23 1.13 0.00
RUSSELL__3 23549	23.92 0.81 0.00	21.89 0.60 0.00	20.65 0.37 0.00	19.60 0.33 0.00	19.62 0.35 0.00	21.03 0.43 0.00	22.32 0.54 0.00	25.57 0.50 0.00	28.31 0.17 0.00	29.56 0.23 0.00	29.42 0.49 0.00	30.40 0.60 0.00	30.27 0.42 0.00	30.39 0.03 0.00	30.93 0.06 0.00	32.27 -0.06 0.00	35.18 -0.25 0.00	38.17 0.11 0.00	35.54 0.59 0.00	31.66 0.77 0.00	31.02 0.64 0.00	29.08 0.65 0.00	26.66 0.57 0.00	25.23 1.13 0.00

RUSSELL___4 23556	23.92 0.81 0.00	21.89 0.60 0.00	20.65 0.37 0.00	19.60 0.33 0.00	19.62 0.35 0.00	21.03 0.43 0.00	22.32 0.54 0.00	25.57 0.50 0.00	28.31 0.17 0.00	29.56 0.23 0.00	29.42 0.49 0.00	30.40 0.60 0.00	30.27 0.42 0.00	30.39 0.03 0.00	30.93 0.06 0.00	32.27 -0.06 0.00	35.18 -0.25 0.00	38.17 0.11 0.00	35.54 0.59 0.00	31.66 0.77 0.00	31.02 0.64 0.00	29.08 0.65 0.00	26.66 0.57 0.00	25.23 1.13 0.00
RUSSELL___STATION 23914	23.92 0.81 0.00	21.89 0.60 0.00	20.65 0.37 0.00	19.60 0.33 0.00	19.62 0.35 0.00	21.03 0.43 0.00	22.32 0.54 0.00	25.57 0.50 0.00	28.31 0.17 0.00	29.56 0.23 0.00	29.42 0.49 0.00	30.40 0.60 0.00	30.27 0.42 0.00	30.39 0.03 0.00	30.93 0.06 0.00	32.27 -0.06 0.00	35.18 -0.25 0.00	38.17 0.11 0.00	35.54 0.59 0.00	31.66 0.77 0.00	31.02 0.64 0.00	29.08 0.65 0.00	26.66 0.57 0.00	25.23 1.13 0.00
S SALMON___HYD 24043	23.08 -0.02 0.00	21.25 -0.04 0.00	20.16 -0.12 0.00	19.21 -0.06 0.00	19.23 -0.04 0.00	20.58 -0.02 0.00	21.77 0.00 0.00	24.99 -0.07 0.00	27.97 -0.17 0.00	29.15 -0.17 0.00	28.76 -0.17 0.00	29.65 -0.15 0.00	29.70 -0.15 0.00	30.21 -0.15 0.00	30.53 -0.34 0.00	31.95 -0.39 0.00	35.07 -0.35 0.00	37.71 -0.34 0.00	34.84 -0.10 0.00	30.86 -0.03 0.00	30.35 -0.03 0.00	28.42 0.00 0.00	26.03 -0.05 0.00	24.13 0.02 0.00
S.PERRY___115KV_TB1 80734	24.49 1.39 0.00	22.38 1.09 0.00	21.07 0.79 0.00	20.02 0.75 0.00	20.04 0.77 0.00	21.55 0.95 0.00	22.84 1.07 0.00	25.94 0.88 0.00	28.48 0.34 0.00	29.71 0.38 0.00	29.48 0.55 0.00	30.48 0.69 0.00	30.30 0.45 0.00	30.39 0.03 0.00	30.93 0.06 0.00	32.31 -0.03 0.00	35.25 -0.18 0.00	38.55 0.49 0.00	36.28 1.33 0.00	32.55 1.67 0.00	31.96 1.58 0.00	30.02 1.59 0.00	27.44 1.36 0.00	25.98 1.88 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.73 0.62 0.00	21.70 0.40 0.00	20.36 0.08 0.00	19.35 0.08 0.00	19.35 0.08 0.00	20.76 0.16 0.00	22.05 0.28 0.00	25.09 0.03 0.00	27.47 -0.68 0.00	28.66 -0.67 0.00	28.61 -0.32 0.00	29.62 -0.18 0.00	29.46 -0.39 0.00	29.36 -1.00 0.00	29.95 -0.93 0.00	31.17 -1.16 0.00	33.94 -1.49 0.00	37.02 -1.03 0.00	34.95 0.00 0.00	31.23 0.34 0.00	30.41 0.03 0.00	28.62 0.20 0.00	26.29 0.21 0.00	25.28 1.18 0.00
SAWYER___23_KV_LOAD 55526	23.73 0.62 0.00	21.70 0.40 0.00	20.36 0.08 0.00	19.35 0.08 0.00	19.35 0.08 0.00	20.76 0.16 0.00	22.05 0.28 0.00	25.09 0.03 0.00	27.47 -0.68 0.00	28.66 -0.67 0.00	28.61 -0.32 0.00	29.62 -0.18 0.00	29.46 -0.39 0.00	29.36 -1.00 0.00	29.95 -0.93 0.00	31.17 -1.16 0.00	33.94 -1.49 0.00	37.02 -1.03 0.00	34.95 0.00 0.00	31.23 0.34 0.00	30.41 0.03 0.00	28.62 0.20 0.00	26.29 0.21 0.00	25.28 1.18 0.00
SELKIRK___I 23801	23.99 0.88 0.00	22.17 0.87 0.00	21.05 0.77 0.00	19.96 0.69 0.00	19.98 0.71 0.00	21.32 0.72 0.00	22.60 0.83 0.00	26.04 0.98 0.00	29.32 1.18 0.00	30.50 1.17 0.00	30.00 1.07 0.00	30.87 1.07 0.00	30.89 1.04 0.00	31.48 1.12 0.00	32.14 1.27 0.00	33.39 1.36 0.31	36.59 1.49 0.32	39.41 1.52 0.16	36.24 1.29 0.00	32.00 1.11 0.00	31.53 1.15 0.00	29.45 1.02 0.00	27.05 0.97 0.00	24.85 0.75 0.00
SELKIRK___II 23799	23.85 0.74 0.00	22.02 0.72 0.00	20.93 0.65 0.00	19.85 0.58 0.00	19.85 0.58 0.00	21.17 0.58 0.00	22.49 0.72 0.00	25.89 0.83 0.00	29.15 1.01 0.00	30.36 1.03 0.00	29.86 0.93 0.00	30.72 0.92 0.00	30.74 0.89 0.00	31.33 0.97 0.00	32.02 1.14 0.00	33.28 1.29 0.36	36.47 1.42 0.37	39.27 1.41 0.19	36.10 1.15 0.00	31.88 0.99 0.00	31.38 1.00 0.00	29.31 0.88 0.00	26.92 0.83 0.00	24.70 0.60 0.00
SENECA OSWGO___HYD 24041	22.99 -0.11 0.00	21.17 -0.13 0.00	20.10 -0.18 0.00	19.10 -0.17 0.00	19.10 -0.17 0.00	20.43 -0.17 0.00	21.62 -0.15 0.00	24.89 -0.17 0.00	27.83 -0.31 0.00	29.04 -0.29 0.00	28.70 -0.23 0.00	29.65 -0.15 0.00	29.76 -0.09 0.00	30.24 -0.12 0.00	30.53 -0.34 0.00	31.95 -0.39 0.00	34.96 -0.46 0.00	37.67 -0.38 0.00	34.71 -0.24 0.00	30.67 -0.21 0.00	30.17 -0.21 0.00	28.25 -0.17 0.00	25.90 -0.18 0.00	24.05 -0.05 0.00
SENECA___115KV_TB3 355854	23.94 0.83 0.00	21.87 0.57 0.00	20.51 0.22 0.00	19.46 0.19 0.00	19.48 0.21 0.00	20.93 0.33 0.00	22.25 0.48 0.00	25.37 0.30 0.00	27.77 -0.37 0.00	28.98 -0.35 0.00	28.93 0.00 0.00	30.01 0.21 0.00	29.88 0.03 0.00	29.75 -0.61 0.00	30.35 -0.52 0.00	31.63 -0.71 0.00	34.50 -0.92 0.00	37.59 -0.46 0.00	35.44 0.49 0.00	31.66 0.77 0.00	30.81 0.43 0.00	28.99 0.57 0.00	26.61 0.52 0.00	25.55 1.45 0.00
SENECA___ENERGY 23797	23.48 0.37 0.00	21.59 0.30 0.00	20.41 0.12 0.00	19.37 0.10 0.00	19.39 0.12 0.00	20.78 0.18 0.00	22.05 0.28 0.00	25.42 0.35 0.00	28.28 0.14 0.00	29.54 0.21 0.00	29.22 0.29 0.00	30.22 0.42 0.00	30.39 0.54 0.00	30.82 0.46 0.00	31.00 0.12 0.00	32.34 0.00 0.00	35.28 -0.14 0.00	38.17 0.11 0.00	35.33 0.39 0.00	31.38 0.49 0.00	30.77 0.39 0.00	28.82 0.40 0.00	26.40 0.31 0.00	24.66 0.55 0.00
SHOEMAKER___GT 23640	24.38 1.27 0.00	22.44 1.15 0.00	21.32 1.03 0.00	20.22 0.94 0.00	20.18 0.91 0.00	21.55 0.95 0.00	22.90 1.13 0.00	26.39 1.33 0.00	29.69 1.55 0.00	30.94 1.61 0.00	30.41 1.47 0.00	31.29 1.49 0.00	31.31 1.46 0.00	31.94 1.58 0.00	32.72 1.85 0.00	34.74 2.07 -0.33	38.07 2.30 -0.35	40.59 2.36 -0.17	36.90 1.96 0.00	32.58 1.70 0.00	32.05 1.67 0.00	29.96 1.53 0.00	27.52 1.43 0.00	25.31 1.20 0.00
SHOEMAKR_138KV_BK 111 55601	24.36 1.25 0.00	22.46 1.17 0.00	21.30 1.01 0.00	20.22 0.94 0.00	20.16 0.89 0.00	21.53 0.93 0.00	22.90 1.13 0.00	26.39 1.33 0.00	29.72 1.58 0.00	30.97 1.64 0.00	30.44 1.50 0.00	31.32 1.52 0.00	31.46 1.61 0.00	32.15 1.79 0.00	32.79 1.91 0.00	34.74 2.07 -0.33	38.07 2.30 -0.34	40.58 2.36 -0.17	36.91 1.96 0.00	32.62 1.73 0.00	32.05 1.67 0.00	29.96 1.53 0.00	27.52 1.43 0.00	25.31 1.21 0.00
SHOREHAM_IC_1 23715	29.06 2.40 -3.55	24.11 2.34 -0.48	24.66 2.23 -2.14	22.04 2.16 -0.61	21.36 2.08 -0.01	22.77 2.16 -0.01	28.44 2.46 -4.21	30.13 2.93 -2.14	33.11 3.43 -1.54	32.98 3.34 -0.31	32.09 2.89 -0.26	32.63 2.83 0.00	32.71 2.80 -0.05	34.02 3.13 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.36 4.36 -0.58	45.33 4.56 -2.71	39.68 4.05 -0.68	34.81 3.61 -0.31	33.83 3.43 -0.02	32.53 3.10 -1.01	30.89 2.92 -1.89	30.12 2.53 -3.49
SHOREHAM_IC_2 23716	29.06 2.40 -3.55	24.11 2.34 -0.48	24.66 2.23 -2.14	22.04 2.16 -0.61	21.36 2.08 -0.01	22.77 2.16 -0.01	28.44 2.46 -4.21	30.13 2.93 -2.14	33.11 3.43 -1.54	32.98 3.34 -0.31	32.09 2.89 -0.26	32.63 2.83 0.00	32.71 2.80 -0.05	34.02 3.13 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.36 4.36 -0.58	45.33 4.56 -2.71	39.68 4.05 -0.68	34.81 3.61 -0.31	33.83 3.43 -0.02	32.53 3.10 -1.01	30.89 2.92 -1.89	30.12 2.53 -3.49

SISSONVILLE____ 23735	22.07 -1.04 0.00	20.27 -1.02 0.00	19.41 -0.87 0.00	18.50 -0.77 0.00	18.50 -0.77 0.00	19.82 -0.78 0.00	20.83 -0.94 0.00	23.91 -1.15 0.00	26.93 -1.21 0.00	28.10 -1.23 0.00	27.69 -1.24 0.00	28.52 -1.28 0.00	28.54 -1.31 0.00	28.96 -1.40 0.00	29.36 -1.51 0.00	30.75 -1.58 0.00	33.79 -1.63 0.00	36.34 -1.71 0.00	33.48 -1.47 0.00	29.50 -1.39 0.00	29.10 -1.28 0.00	27.20 -1.22 0.00	24.88 -1.20 0.00	22.94 -1.16 0.00
SITHE_IND_GS1 24169	22.58 -0.53 0.00	20.80 -0.49 0.00	19.78 -0.51 0.00	18.81 -0.46 0.00	18.81 -0.46 0.00	20.10 -0.49 0.00	21.25 -0.52 0.00	24.44 -0.63 0.00	27.35 -0.79 0.00	28.51 -0.82 0.00	28.18 -0.75 0.00	29.06 -0.74 0.00	29.16 -0.69 0.00	29.63 -0.73 0.00	29.98 -0.90 0.00	31.34 -1.00 0.00	34.33 -1.10 0.00	36.91 -1.14 0.00	34.01 -0.94 0.00	30.08 -0.80 0.00	29.59 -0.79 0.00	27.69 -0.74 0.00	25.41 -0.68 0.00	23.59 -0.51 0.00
SITHE_IND_GS2 24170	22.58 -0.53 0.00	20.80 -0.49 0.00	19.78 -0.51 0.00	18.81 -0.46 0.00	18.81 -0.46 0.00	20.10 -0.49 0.00	21.25 -0.52 0.00	24.44 -0.63 0.00	27.35 -0.79 0.00	28.51 -0.82 0.00	28.18 -0.75 0.00	29.06 -0.74 0.00	29.16 -0.69 0.00	29.63 -0.73 0.00	29.98 -0.90 0.00	31.34 -1.00 0.00	34.33 -1.10 0.00	36.91 -1.14 0.00	34.01 -0.94 0.00	30.08 -0.80 0.00	29.59 -0.79 0.00	27.69 -0.74 0.00	25.41 -0.68 0.00	23.59 -0.51 0.00
SITHE_IND_GS3 24171	22.58 -0.53 0.00	20.80 -0.49 0.00	19.78 -0.51 0.00	18.81 -0.46 0.00	18.81 -0.46 0.00	20.10 -0.49 0.00	21.25 -0.52 0.00	24.44 -0.63 0.00	27.35 -0.79 0.00	28.51 -0.82 0.00	28.18 -0.75 0.00	29.06 -0.74 0.00	29.16 -0.69 0.00	29.63 -0.73 0.00	29.98 -0.90 0.00	31.34 -1.00 0.00	34.33 -1.10 0.00	36.91 -1.14 0.00	34.01 -0.94 0.00	30.08 -0.80 0.00	29.59 -0.79 0.00	27.69 -0.74 0.00	25.41 -0.68 0.00	23.59 -0.51 0.00
SITHE_IND_GS4 24172	22.58 -0.53 0.00	20.80 -0.49 0.00	19.78 -0.51 0.00	18.81 -0.46 0.00	18.81 -0.46 0.00	20.10 -0.49 0.00	21.25 -0.52 0.00	24.44 -0.63 0.00	27.35 -0.79 0.00	28.51 -0.82 0.00	28.18 -0.75 0.00	29.06 -0.74 0.00	29.16 -0.69 0.00	29.63 -0.73 0.00	29.98 -0.90 0.00	31.34 -1.00 0.00	34.33 -1.10 0.00	36.91 -1.14 0.00	34.01 -0.94 0.00	30.08 -0.80 0.00	29.59 -0.79 0.00	27.69 -0.74 0.00	25.41 -0.68 0.00	23.59 -0.51 0.00
SITHE____BATAVIA 24024	24.17 1.06 0.00	22.29 1.00 0.00	20.73 0.45 0.00	19.69 0.42 0.00	19.71 0.44 0.00	21.20 0.60 0.00	22.53 0.76 0.00	25.69 0.63 0.00	28.17 0.03 0.00	29.36 0.03 0.00	29.31 0.38 0.00	30.39 0.60 0.00	30.80 0.95 0.00	31.15 0.79 0.00	30.81 -0.06 0.00	31.69 -0.65 0.00	34.64 -0.78 0.00	37.82 -0.23 0.00	35.61 0.66 0.00	31.85 0.96 0.00	31.14 0.76 0.00	29.28 0.85 0.00	26.81 0.73 0.00	25.72 1.61 0.00
SITHE____INDEPEND 23800	22.58 -0.53 0.00	20.80 -0.49 0.00	19.78 -0.51 0.00	18.81 -0.46 0.00	18.81 -0.46 0.00	20.10 -0.49 0.00	21.25 -0.52 0.00	24.44 -0.63 0.00	27.35 -0.79 0.00	28.51 -0.82 0.00	28.18 -0.75 0.00	29.05 -0.74 0.00	29.07 -0.78 0.00	29.51 -0.85 0.00	29.95 -0.93 0.00	31.37 -0.97 0.00	34.33 -1.10 0.00	36.95 -1.10 0.00	34.00 -0.94 0.00	30.08 -0.80 0.00	29.59 -0.79 0.00	27.69 -0.74 0.00	25.41 -0.68 0.00	23.60 -0.51 0.00
SITHE____MASSENA 23902	22.60 -0.51 0.00	20.80 -0.49 0.00	19.92 -0.36 0.00	18.94 -0.33 0.00	18.92 -0.35 0.00	20.25 -0.35 0.00	21.29 -0.48 0.00	24.46 -0.60 0.00	27.52 -0.62 0.00	28.71 -0.62 0.00	28.30 -0.64 0.00	29.17 -0.63 0.00	29.19 -0.66 0.00	29.57 -0.79 0.00	30.07 -0.80 0.00	31.53 -0.81 0.00	34.57 -0.85 0.00	37.18 -0.87 0.00	34.18 -0.77 0.00	30.15 -0.74 0.00	29.71 -0.67 0.00	27.77 -0.65 0.00	25.46 -0.63 0.00	23.50 -0.60 0.00
SITHE____OGDNSBRG 24021	22.65 -0.46 0.00	20.82 -0.47 0.00	19.94 -0.34 0.00	18.98 -0.29 0.00	19.00 -0.27 0.00	20.35 -0.25 0.00	21.36 -0.41 0.00	24.49 -0.58 0.00	27.58 -0.56 0.00	28.74 -0.59 0.00	28.32 -0.61 0.00	29.17 -0.63 0.00	29.19 -0.66 0.00	29.60 -0.76 0.00	30.01 -0.86 0.00	31.43 -0.91 0.00	34.57 -0.85 0.00	37.18 -0.88 0.00	34.25 -0.70 0.00	30.21 -0.68 0.00	29.83 -0.55 0.00	27.86 -0.57 0.00	25.51 -0.57 0.00	23.50 -0.60 0.00
SITHE____STERLING 23777	23.78 0.67 0.00	21.84 0.55 0.00	20.71 0.43 0.00	19.72 0.44 0.00	19.75 0.48 0.00	21.17 0.58 0.00	22.40 0.63 0.00	25.79 0.73 0.00	28.98 0.84 0.00	30.12 0.79 0.00	29.77 0.84 0.00	30.75 0.95 0.00	30.74 0.89 0.00	31.30 0.94 0.00	31.61 0.74 0.00	33.05 0.71 0.00	36.27 0.85 0.00	39.04 0.99 0.00	35.96 1.01 0.00	31.75 0.86 0.00	31.26 0.88 0.00	29.28 0.85 0.00	26.79 0.70 0.00	24.78 0.67 0.00
SLEIGHT__34_KV_TB1 80719	23.94 0.83 0.00	21.97 0.68 0.00	20.81 0.53 0.00	19.75 0.48 0.00	19.77 0.50 0.00	21.22 0.62 0.00	22.53 0.76 0.00	26.02 0.95 0.00	29.01 0.87 0.00	30.36 1.03 0.00	30.09 1.16 0.00	31.17 1.37 0.00	31.16 1.31 0.00	31.51 1.15 0.00	31.86 0.99 0.00	33.37 1.03 0.00	36.38 0.96 0.00	39.31 1.26 0.00	36.31 1.36 0.00	32.12 1.24 0.00	31.53 1.15 0.00	29.53 1.11 0.00	27.00 0.91 0.00	25.19 1.08 0.00
SOUTH CAIRO____GT 23612	24.59 1.48 0.00	22.66 1.36 0.00	21.54 1.26 0.00	20.41 1.14 0.00	20.25 0.98 0.00	21.63 1.03 0.00	22.97 1.20 0.00	26.24 1.18 0.00	29.55 1.41 0.00	30.65 1.32 0.00	30.06 1.13 0.00	30.90 1.10 0.00	30.86 1.02 0.00	31.51 1.15 0.00	32.29 1.42 0.00	33.89 1.78 0.22	37.25 2.05 0.23	40.10 2.17 0.12	36.59 1.64 0.00	32.34 1.45 0.00	32.11 1.73 0.00	29.99 1.56 0.00	27.47 1.38 0.00	25.21 1.11 0.00
SOUTH HAMPTN____IC 23720	29.64 2.98 -3.55	24.62 2.85 -0.48	25.10 2.68 -2.14	22.47 2.58 -0.61	21.78 2.50 -0.01	23.22 2.62 -0.01	28.94 2.96 -4.21	30.73 3.53 -2.14	33.84 4.16 -1.54	33.80 4.16 -0.31	32.98 3.79 -0.26	33.49 3.69 0.00	33.57 3.67 -0.05	34.87 3.98 -0.53	38.31 4.45 -2.99	39.58 4.85 -2.39	41.38 5.38 -0.57	46.44 5.67 -2.71	40.66 5.07 -0.65	35.68 4.48 -0.31	34.65 4.25 -0.02	33.30 3.87 -1.01	31.62 3.65 -1.89	30.77 3.18 -3.49
SOUTHDOW_115KV_TB1 355954	24.22 1.11 0.00	22.21 0.92 0.00	20.71 0.43 0.00	19.68 0.40 0.00	19.75 0.48 0.00	21.28 0.68 0.00	22.71 0.94 0.00	26.07 1.00 0.00	28.59 0.45 0.00	29.83 0.50 0.00	29.80 0.87 0.00	30.72 0.92 0.00	30.63 0.78 0.00	30.48 0.12 0.00	31.03 0.15 0.00	32.44 0.10 0.00	35.46 0.04 0.00	38.58 0.53 0.00	36.35 1.40 0.00	32.55 1.67 0.00	31.72 1.34 0.00	29.93 1.51 0.00	27.36 1.28 0.00	26.15 2.05 0.00
SOUTHOLD_69_KV_BK 2 55809	30.24 3.58 -3.55	25.20 3.43 -0.48	25.61 3.18 -2.14	22.93 3.04 -0.61	22.24 2.97 0.00	23.71 3.11 0.00	29.51 3.53 -4.21	31.39 4.19 -2.14	34.57 4.90 -1.54	34.66 5.02 -0.31	33.88 4.69 -0.26	34.42 4.62 0.00	34.68 4.78 -0.05	36.20 5.31 -0.53	39.30 5.43 -2.99	40.55 5.82 -2.39	42.48 6.48 -0.57	47.65 6.89 -2.71	41.23 6.26 -0.02	36.64 5.44 -0.31	35.56 5.16 -0.02	34.15 4.72 -1.01	32.38 4.41 -1.89	31.45 3.86 -3.49

SOUTHOLD___IC 23719	30.24 3.58 -3.55	25.15 3.39 -0.48	25.61 3.18 -2.14	22.93 3.04 -0.61	22.24 2.97 -0.01	23.72 3.11 -0.01	29.51 3.53 -4.21	31.39 4.19 -2.14	34.63 4.95 -1.54	34.65 5.01 -0.31	33.88 4.69 -0.26	34.42 4.62 0.00	34.50 4.59 -0.05	35.81 4.92 -0.53	39.26 5.40 -2.99	40.55 5.82 -2.39	42.48 6.48 -0.57	47.69 6.93 -2.71	41.79 6.19 -0.65	36.64 5.44 -0.31	35.57 5.16 -0.02	34.16 4.72 -1.01	32.38 4.41 -1.89	31.44 3.86 -3.49
SPIERFLS_115KV_TB 1 80737	24.36 1.25 0.00	22.44 1.15 0.00	21.30 1.01 0.00	20.18 0.91 0.00	20.18 0.91 0.00	21.59 0.99 0.00	22.97 1.20 0.00	26.54 1.48 0.00	29.91 1.77 0.00	31.15 1.82 0.00	30.47 1.53 0.00	31.29 1.49 0.00	31.13 1.28 0.00	31.76 1.40 0.00	32.29 1.42 0.00	33.27 1.42 0.49	36.54 1.63 0.51	39.47 1.67 0.26	36.70 1.75 0.00	32.40 1.51 0.00	32.23 1.85 0.00	30.04 1.62 0.00	27.52 1.43 0.00	25.23 1.13 0.00
ST LAWRENCE____ 23600	22.44 -0.67 0.00	20.65 -0.64 0.00	19.80 -0.49 0.00	18.83 -0.44 0.00	18.83 -0.44 0.00	20.13 -0.47 0.00	21.14 -0.63 0.00	24.31 -0.75 0.00	27.35 -0.79 0.00	28.54 -0.79 0.00	28.12 -0.81 0.00	28.96 -0.83 0.00	29.01 -0.84 0.00	29.42 -0.94 0.00	29.95 -0.93 0.00	31.40 -0.94 0.00	34.43 -0.99 0.00	36.99 -1.07 0.00	33.97 -0.98 0.00	29.99 -0.90 0.00	29.53 -0.85 0.00	27.60 -0.83 0.00	25.30 -0.78 0.00	23.35 -0.75 0.00
STATE_CA_115KV_115_LB 55624	23.89 0.79 0.00	22.08 0.79 0.00	20.95 0.67 0.00	19.87 0.60 0.00	19.89 0.62 0.00	21.22 0.62 0.00	22.51 0.74 0.00	25.97 0.90 0.00	29.27 1.13 0.00	30.44 1.11 0.00	29.97 1.04 0.00	30.87 1.07 0.00	30.95 1.10 0.00	31.60 1.24 0.00	32.17 1.30 0.00	33.19 1.33 0.47	36.42 1.49 0.49	39.29 1.48 0.25	36.17 1.22 0.00	31.94 1.05 0.00	31.47 1.09 0.00	29.36 0.94 0.00	26.94 0.86 0.00	24.73 0.63 0.00
STATE_ST_34_KV_LOAD 55959	23.73 0.62 0.00	21.82 0.53 0.00	20.71 0.43 0.00	19.66 0.39 0.00	19.66 0.39 0.00	21.05 0.45 0.00	22.34 0.57 0.00	25.77 0.70 0.00	28.82 0.68 0.00	30.09 0.76 0.00	29.77 0.84 0.00	30.60 0.80 0.00	30.60 0.75 0.00	31.00 0.64 0.00	31.61 0.74 0.00	33.15 0.81 0.00	36.17 0.74 0.00	39.04 0.99 0.00	36.00 1.05 0.00	31.81 0.93 0.00	31.26 0.88 0.00	29.28 0.85 0.00	26.79 0.70 0.00	24.92 0.82 0.00
STATION 5_MISC_HYD 23604	23.78 0.67 0.00	21.87 0.58 0.00	20.55 0.26 0.00	19.50 0.23 0.00	19.50 0.23 0.00	20.93 0.33 0.00	22.21 0.44 0.00	25.42 0.35 0.00	28.11 -0.03 0.00	29.36 0.03 0.00	29.22 0.29 0.00	30.19 0.39 0.00	30.45 0.60 0.00	30.88 0.52 0.00	30.81 -0.06 0.00	31.92 -0.42 0.00	34.86 -0.57 0.00	37.86 -0.19 0.00	35.30 0.35 0.00	31.44 0.56 0.00	30.81 0.43 0.00	28.88 0.45 0.00	26.50 0.42 0.00	25.07 0.97 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.71 0.60 0.00	21.74 0.45 0.00	20.53 0.24 0.00	19.50 0.23 0.00	19.50 0.23 0.00	20.93 0.33 0.00	22.23 0.46 0.00	25.54 0.48 0.00	28.37 0.23 0.00	29.62 0.29 0.00	29.42 0.49 0.00	30.42 0.63 0.00	30.36 0.51 0.00	30.57 0.21 0.00	31.03 0.15 0.00	32.40 0.06 0.00	35.32 -0.11 0.00	38.24 0.19 0.00	35.51 0.56 0.00	31.57 0.68 0.00	30.96 0.58 0.00	29.02 0.60 0.00	26.55 0.47 0.00	24.97 0.87 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.59 0.49 0.00	21.61 0.32 0.00	20.41 0.12 0.00	19.37 0.10 0.00	19.37 0.10 0.00	20.78 0.19 0.00	22.05 0.28 0.00	25.29 0.23 0.00	28.00 -0.14 0.00	29.24 -0.09 0.00	29.11 0.17 0.00	30.07 0.27 0.00	29.97 0.12 0.00	30.09 -0.27 0.00	30.63 -0.25 0.00	31.95 -0.39 0.00	34.82 -0.60 0.00	37.75 -0.30 0.00	35.12 0.17 0.00	31.26 0.37 0.00	30.62 0.24 0.00	28.74 0.31 0.00	26.32 0.23 0.00	24.87 0.77 0.00
STA_56___34_KV_BUS2 355983	23.59 0.49 0.00	21.61 0.32 0.00	20.41 0.12 0.00	19.37 0.10 0.00	19.37 0.10 0.00	20.78 0.19 0.00	22.05 0.28 0.00	25.29 0.23 0.00	28.00 -0.14 0.00	29.24 -0.09 0.00	29.11 0.17 0.00	30.07 0.27 0.00	29.97 0.12 0.00	30.09 -0.27 0.00	30.63 -0.25 0.00	31.95 -0.39 0.00	34.82 -0.60 0.00	37.75 -0.30 0.00	35.12 0.17 0.00	31.26 0.37 0.00	30.62 0.24 0.00	28.74 0.31 0.00	26.32 0.23 0.00	24.87 0.77 0.00
STA_67___115KV_BK2 355882	23.71 0.60 0.00	21.72 0.43 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.46 0.19 0.00	20.87 0.27 0.00	22.14 0.37 0.00	25.37 0.30 0.00	28.06 -0.08 0.00	29.27 -0.06 0.00	29.13 0.20 0.00	30.10 0.30 0.00	29.97 0.12 0.00	30.09 -0.27 0.00	30.63 -0.25 0.00	31.95 -0.39 0.00	34.82 -0.60 0.00	37.79 -0.27 0.00	35.23 0.28 0.00	31.35 0.46 0.00	30.71 0.33 0.00	28.82 0.40 0.00	26.42 0.34 0.00	25.02 0.92 0.00
STA_7___115KV_9TRANS 80674	23.92 0.81 0.00	21.89 0.60 0.00	20.65 0.37 0.00	19.60 0.33 0.00	19.62 0.35 0.00	21.03 0.43 0.00	22.32 0.54 0.00	25.57 0.50 0.00	28.31 0.17 0.00	29.56 0.23 0.00	29.42 0.49 0.00	30.40 0.60 0.00	30.27 0.42 0.00	30.39 0.03 0.00	30.93 0.06 0.00	32.27 -0.06 0.00	35.18 -0.25 0.00	38.17 0.11 0.00	35.54 0.59 0.00	31.66 0.77 0.00	31.02 0.64 0.00	29.08 0.65 0.00	26.66 0.57 0.00	25.23 1.13 0.00
STA_82___115KV_TB1 80780	23.73 0.62 0.00	21.74 0.45 0.00	20.51 0.22 0.00	19.46 0.19 0.00	19.48 0.21 0.00	20.89 0.29 0.00	22.16 0.39 0.00	25.37 0.30 0.00	28.06 -0.08 0.00	29.30 -0.03 0.00	29.16 0.23 0.00	30.10 0.30 0.00	30.00 0.15 0.00	30.12 -0.24 0.00	30.66 -0.22 0.00	31.98 -0.36 0.00	34.86 -0.57 0.00	37.82 -0.23 0.00	35.23 0.28 0.00	31.38 0.49 0.00	30.74 0.36 0.00	28.82 0.40 0.00	26.45 0.37 0.00	25.02 0.92 0.00
STEEL___WIND 323596	23.92 0.81 0.00	22.04 0.74 0.00	20.49 0.20 0.00	19.46 0.19 0.00	19.48 0.21 0.00	20.91 0.31 0.00	22.25 0.48 0.00	25.34 0.28 0.00	27.75 -0.39 0.00	28.95 -0.38 0.00	28.90 -0.03 0.00	29.98 0.18 0.00	30.45 0.60 0.00	30.73 0.37 0.00	30.47 -0.40 0.00	31.37 -0.97 0.00	34.33 -1.10 0.00	37.48 -0.57 0.00	35.40 0.45 0.00	31.63 0.74 0.00	30.77 0.39 0.00	28.96 0.54 0.00	26.58 0.49 0.00	25.52 1.42 0.00
STEPHTWN_115KV_BK_2 55603	23.99 0.88 0.00	22.17 0.87 0.00	21.03 0.75 0.00	19.95 0.67 0.00	19.96 0.69 0.00	21.30 0.70 0.00	22.62 0.85 0.00	26.09 1.03 0.00	29.41 1.27 0.00	30.59 1.26 0.00	30.12 1.19 0.00	31.02 1.22 0.00	31.10 1.25 0.00	31.79 1.43 0.00	32.32 1.45 0.00	33.40 1.52 0.46	36.64 1.70 0.48	39.52 1.71 0.24	36.38 1.43 0.00	32.12 1.24 0.00	31.63 1.25 0.00	29.53 1.11 0.00	27.10 1.02 0.00	24.85 0.75 0.00
STEUBEN_REC_LFGE 323667	24.19 1.09 0.00	22.10 0.81 0.00	20.77 0.49 0.00	19.75 0.48 0.00	19.79 0.52 0.00	21.28 0.68 0.00	22.69 0.91 0.00	26.02 0.95 0.00	28.68 0.53 0.00	29.92 0.59 0.00	29.77 0.84 0.00	30.87 1.07 0.00	30.74 0.90 0.00	30.79 0.43 0.00	31.21 0.34 0.00	32.63 0.29 0.00	35.53 0.11 0.00	38.74 0.68 0.00	36.24 1.29 0.00	32.40 1.51 0.00	31.63 1.25 0.00	29.73 1.31 0.00	27.23 1.15 0.00	25.76 1.66 0.00

STONY___BROOK 24151	29.38 2.73 -3.55	24.30 2.53 -0.48	24.78 2.35 -2.14	22.10 2.22 -0.61	21.47 2.20 -0.01	22.89 2.29 -0.01	28.59 2.61 -4.21	30.33 3.13 -2.14	33.33 3.66 -1.54	33.40 3.76 -0.31	32.52 3.33 -0.26	33.02 3.22 0.00	33.10 3.20 -0.05	34.38 3.49 -0.53	37.82 3.95 -2.99	39.09 4.36 -2.39	40.82 4.82 -0.57	45.83 5.06 -2.71	40.22 4.44 -0.83	35.03 3.83 -0.31	34.04 3.64 -0.02	32.79 3.35 -1.01	31.23 3.26 -1.89	30.43 2.84 -3.49
STURGEON_POOL_HYD 23609	24.56 1.46 0.00	22.65 1.36 0.00	21.48 1.20 0.00	20.37 1.10 0.00	20.29 1.02 0.00	21.67 1.07 0.00	23.06 1.28 0.00	26.52 1.45 0.00	29.86 1.72 0.00	31.12 1.79 0.00	30.58 1.65 0.00	31.53 1.73 0.00	31.73 1.88 0.00	32.45 2.09 0.00	33.06 2.19 0.00	35.15 2.65 -0.16	38.53 2.94 -0.16	41.18 3.04 -0.08	37.12 2.17 0.00	32.74 1.85 0.00	32.23 1.85 0.00	30.13 1.71 0.00	27.73 1.64 0.00	25.47 1.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.47 1.36 0.00	22.55 1.26 0.00	21.38 1.10 0.00	20.27 1.00 0.00	20.23 0.96 0.00	21.61 1.01 0.00	23.01 1.24 0.00	26.57 1.50 0.00	29.91 1.77 0.00	31.18 1.85 0.00	30.64 1.71 0.00	31.59 1.79 0.00	31.76 1.91 0.00	32.45 2.09 0.00	33.06 2.19 0.00	35.08 2.39 -0.35	38.45 2.66 -0.36	40.94 2.70 -0.18	37.15 2.20 0.00	32.80 1.91 0.00	32.23 1.85 0.00	30.10 1.68 0.00	27.70 1.62 0.00	25.43 1.33 0.00
SWANROAD_115KV_TB1 355699	23.32 0.21 0.00	21.31 0.02 0.00	20.00 -0.28 0.00	19.00 -0.27 0.00	19.00 -0.27 0.00	20.52 -0.08 0.00	21.66 -0.11 0.00	24.59 -0.48 0.00	26.87 -1.27 0.00	28.07 -1.26 0.00	28.01 -0.93 0.00	28.99 -0.80 0.00	28.80 -1.04 0.00	28.66 -1.70 0.00	29.24 -1.64 0.00	30.43 -1.91 0.00	33.09 -2.34 0.00	36.15 -1.90 0.00	34.14 -0.80 0.00	30.55 -0.34 0.00	29.74 -0.64 0.00	28.03 -0.40 0.00	25.75 -0.34 0.00	24.90 0.80 0.00
SYNERGY___BIOGAS 323694	24.17 1.06 0.00	22.29 1.00 0.00	20.73 0.45 0.00	19.69 0.42 0.00	19.71 0.44 0.00	21.20 0.60 0.00	22.53 0.76 0.00	25.69 0.63 0.00	28.17 0.03 0.00	29.36 0.03 0.00	29.31 0.38 0.00	30.39 0.60 0.00	30.80 0.95 0.00	31.15 0.79 0.00	30.81 -0.06 0.00	31.69 -0.65 0.00	34.64 -0.78 0.00	37.82 -0.23 0.00	35.61 0.66 0.00	31.85 0.96 0.00	31.14 0.76 0.00	29.28 0.85 0.00	26.81 0.73 0.00	25.72 1.61 0.00
SYRACUSE___ENERGY_ST1 323597	23.27 0.16 0.00	21.40 0.11 0.00	20.32 0.04 0.00	19.31 0.04 0.00	19.31 0.04 0.00	20.66 0.06 0.00	21.88 0.11 0.00	25.21 0.15 0.00	28.20 0.06 0.00	29.45 0.12 0.00	29.11 0.17 0.00	30.07 0.27 0.00	30.12 0.27 0.00	30.54 0.18 0.00	30.93 0.06 0.00	32.44 0.10 0.00	35.46 0.04 0.00	38.20 0.15 0.00	35.16 0.21 0.00	31.10 0.22 0.00	30.53 0.15 0.00	28.62 0.20 0.00	26.24 0.16 0.00	24.37 0.27 0.00
SYRACUSE___ENERGY_ST2 323598	23.27 0.16 0.00	21.40 0.11 0.00	20.32 0.04 0.00	19.31 0.04 0.00	19.31 0.04 0.00	20.66 0.06 0.00	21.88 0.11 0.00	25.21 0.15 0.00	28.20 0.06 0.00	29.45 0.12 0.00	29.11 0.17 0.00	30.07 0.27 0.00	30.12 0.27 0.00	30.54 0.18 0.00	30.93 0.06 0.00	32.44 0.10 0.00	35.46 0.04 0.00	38.20 0.15 0.00	35.16 0.21 0.00	31.10 0.22 0.00	30.53 0.15 0.00	28.62 0.20 0.00	26.24 0.16 0.00	24.37 0.27 0.00
SYRACUSE___POWER 24017	23.22 0.12 0.00	21.36 0.06 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.62 0.02 0.00	21.84 0.07 0.00	25.16 0.10 0.00	28.17 0.03 0.00	29.39 0.06 0.00	29.05 0.12 0.00	30.01 0.21 0.00	30.03 0.18 0.00	30.45 0.09 0.00	30.84 -0.03 0.00	32.34 0.00 0.00	35.35 -0.07 0.00	38.09 0.04 0.00	35.05 0.10 0.00	31.01 0.12 0.00	30.47 0.09 0.00	28.54 0.11 0.00	26.19 0.10 0.00	24.32 0.22 0.00
TALLMAN___138KV_BK151 55660	24.68 1.57 0.00	22.74 1.45 0.00	21.54 1.26 0.00	20.43 1.16 0.00	20.41 1.14 0.00	21.77 1.17 0.00	23.21 1.44 0.00	26.84 1.78 0.00	30.25 2.11 0.00	31.56 2.23 0.00	31.02 2.08 0.00	31.91 2.12 0.00	32.09 2.24 0.00	32.82 2.46 0.00	33.47 2.59 0.00	35.56 2.85 -0.38	38.97 3.15 -0.39	41.48 3.23 -0.20	37.60 2.66 0.00	33.20 2.32 0.00	32.57 2.19 0.00	30.41 1.99 0.00	27.99 1.90 0.00	25.67 1.57 0.00
TEALLAVE_115KV_TB7 355573	23.15 0.05 0.00	21.29 0.00 0.00	20.22 -0.06 0.00	19.21 -0.06 0.00	19.21 -0.06 0.00	20.56 -0.04 0.00	21.77 0.00 0.00	25.06 0.00 0.00	28.06 -0.08 0.00	29.27 -0.06 0.00	28.96 0.03 0.00	29.89 0.09 0.00	29.91 0.06 0.00	30.30 -0.06 0.00	30.72 -0.15 0.00	32.18 -0.16 0.00	35.18 -0.25 0.00	37.90 -0.15 0.00	34.88 -0.07 0.00	30.86 -0.03 0.00	30.32 -0.06 0.00	28.42 0.00 0.00	26.08 0.00 0.00	24.22 0.12 0.00
TELGRAPH_34_KV_EAST 80808	23.85 0.74 0.00	21.78 0.49 0.00	20.45 0.16 0.00	19.43 0.15 0.00	19.42 0.15 0.00	20.93 0.33 0.00	22.18 0.41 0.00	25.27 0.20 0.00	27.66 -0.48 0.00	28.86 -0.47 0.00	28.82 -0.12 0.00	29.89 0.09 0.00	29.73 -0.12 0.00	29.60 -0.76 0.00	30.13 -0.74 0.00	31.37 -0.97 0.00	34.15 -1.28 0.00	37.25 -0.80 0.00	35.09 0.14 0.00	31.38 0.49 0.00	30.62 0.24 0.00	28.79 0.37 0.00	26.42 0.34 0.00	25.43 1.33 0.00
TEMPLE___115KV_TB 2 55572	23.18 0.07 0.00	21.31 0.02 0.00	20.24 -0.04 0.00	19.23 -0.04 0.00	19.23 -0.04 0.00	20.58 -0.02 0.00	21.79 0.02 0.00	25.09 0.03 0.00	28.08 -0.06 0.00	29.30 -0.03 0.00	28.99 0.06 0.00	29.92 0.12 0.00	29.94 0.09 0.00	30.33 -0.03 0.00	30.75 -0.12 0.00	32.21 -0.13 0.00	35.21 -0.21 0.00	37.94 -0.11 0.00	34.91 -0.03 0.00	30.89 0.00 0.00	30.35 -0.03 0.00	28.42 0.00 0.00	26.11 0.03 0.00	24.25 0.14 0.00
TIANA___69_KV_BK 1 55817	29.50 2.84 -3.55	24.51 2.75 -0.48	24.98 2.56 -2.14	22.33 2.45 -0.61	21.66 2.39 0.00	23.09 2.49 0.00	28.81 2.83 -4.21	30.56 3.36 -2.14	33.59 3.91 -1.54	33.60 3.96 -0.31	32.75 3.56 -0.26	33.29 3.49 0.00	33.57 3.67 -0.05	35.08 4.19 -0.53	38.12 4.26 -2.99	39.32 4.59 -2.39	41.10 5.10 -0.57	46.17 5.40 -2.71	39.86 4.89 -0.02	35.46 4.26 -0.31	34.44 4.04 -0.02	33.10 3.67 -1.01	31.44 3.47 -1.89	30.60 3.01 -3.49
TILDEN___115KV_TB1 80814	23.22 0.12 0.00	21.36 0.06 0.00	20.28 0.00 0.00	19.27 0.00 0.00	19.27 0.00 0.00	20.62 0.02 0.00	21.84 0.07 0.00	25.16 0.10 0.00	28.17 0.03 0.00	29.39 0.06 0.00	29.05 0.12 0.00	30.01 0.21 0.00	30.03 0.18 0.00	30.45 0.09 0.00	30.84 -0.03 0.00	32.34 0.00 0.00	35.35 -0.07 0.00	38.09 0.04 0.00	35.05 0.10 0.00	31.01 0.12 0.00	30.47 0.09 0.00	28.54 0.11 0.00	26.19 0.10 0.00	24.32 0.22 0.00
TRIGEN___CC 323695	28.78 2.13 -3.55	23.75 1.98 -0.48	24.19 1.76 -2.14	21.52 1.64 -0.61	20.91 1.64 0.00	22.31 1.71 0.00	27.98 2.00 -4.21	29.66 2.46 -2.14	32.52 2.84 -1.54	32.63 2.99 -0.31	31.91 2.72 -0.26	32.54 2.74 0.00	32.77 2.87 -0.05	33.99 3.10 -0.53	37.10 3.24 -2.99	38.25 3.52 -2.39	39.82 3.83 -0.57	44.72 3.96 -2.71	38.32 3.36 -0.02	34.13 2.93 -0.31	33.19 2.79 -0.02	32.02 2.59 -1.01	30.53 2.56 -1.89	29.76 2.17 -3.49

TRINITY__115KV__4 BK 55933	23.80 0.69 0.00	21.99 0.70 0.00	20.89 0.61 0.00	19.81 0.54 0.00	19.83 0.56 0.00	21.13 0.54 0.00	22.42 0.65 0.00	25.87 0.80 0.00	29.13 0.98 0.00	30.33 1.00 0.00	29.83 0.90 0.00	30.69 0.89 0.00	30.77 0.93 0.00	31.45 1.09 0.00	32.01 1.14 0.00	33.07 1.20 0.46	36.29 1.35 0.48	39.14 1.33 0.24	36.00 1.05 0.00	31.81 0.93 0.00	31.32 0.94 0.00	29.25 0.82 0.00	26.84 0.76 0.00	24.63 0.53 0.00
UNION__PROCESSING_DRP 323587	23.73 0.62 0.00	21.74 0.45 0.00	20.51 0.22 0.00	19.48 0.21 0.00	19.48 0.21 0.00	20.91 0.31 0.00	22.18 0.41 0.00	25.39 0.33 0.00	28.08 -0.06 0.00	29.33 0.00 0.00	29.16 0.23 0.00	30.13 0.33 0.00	30.00 0.15 0.00	30.12 -0.24 0.00	30.66 -0.22 0.00	31.98 -0.36 0.00	34.86 -0.57 0.00	37.82 -0.23 0.00	35.26 0.31 0.00	31.38 0.49 0.00	30.74 0.36 0.00	28.85 0.43 0.00	26.45 0.37 0.00	25.04 0.94 0.00
UPPER HUDSON__HYD 24058	24.35 1.25 0.00	22.42 1.13 0.00	21.30 1.01 0.00	20.18 0.91 0.00	20.18 0.91 0.00	21.59 0.99 0.00	22.97 1.20 0.00	26.54 1.48 0.00	29.91 1.77 0.00	31.15 1.82 0.00	30.46 1.53 0.00	31.29 1.49 0.00	31.07 1.22 0.00	31.63 1.27 0.00	32.26 1.39 0.00	33.30 1.46 0.49	36.58 1.67 0.51	39.46 1.67 0.26	36.70 1.75 0.00	32.40 1.51 0.00	32.23 1.85 0.00	30.04 1.62 0.00	27.52 1.43 0.00	25.23 1.13 0.00
UPPER RAQUET__HYD 24056	22.07 -1.04 0.00	20.27 -1.02 0.00	19.41 -0.87 0.00	18.50 -0.77 0.00	18.50 -0.77 0.00	19.82 -0.78 0.00	20.84 -0.94 0.00	23.91 -1.15 0.00	26.93 -1.21 0.00	28.10 -1.23 0.00	27.69 -1.24 0.00	28.52 -1.28 0.00	28.51 -1.34 0.00	28.84 -1.52 0.00	29.33 -1.54 0.00	30.79 -1.55 0.00	33.80 -1.63 0.00	36.34 -1.71 0.00	33.48 -1.47 0.00	29.50 -1.39 0.00	29.11 -1.27 0.00	27.20 -1.22 0.00	24.88 -1.20 0.00	22.94 -1.16 0.00
VALLEY44_115KV_TB2 355964	23.71 0.60 0.00	21.68 0.38 0.00	20.30 0.02 0.00	19.29 0.02 0.00	19.31 0.04 0.00	20.74 0.14 0.00	22.12 0.35 0.00	25.32 0.25 0.00	27.77 -0.37 0.00	28.98 -0.35 0.00	28.93 0.00 0.00	29.92 0.12 0.00	29.91 0.06 0.00	29.90 -0.46 0.00	30.50 -0.37 0.00	31.98 -0.36 0.00	34.96 -0.46 0.00	38.05 0.00 0.00	35.68 0.73 0.00	31.78 0.90 0.00	30.87 0.49 0.00	29.02 0.60 0.00	26.58 0.50 0.00	25.35 1.25 0.00
VALLEY__115KV_TB 1-4 80826	23.06 -0.05 0.00	21.23 -0.06 0.00	20.18 -0.10 0.00	19.16 -0.12 0.00	19.15 -0.12 0.00	20.45 -0.14 0.00	21.66 -0.11 0.00	24.94 -0.13 0.00	28.08 -0.06 0.00	29.27 -0.06 0.00	28.93 0.00 0.00	29.92 0.12 0.00	29.97 0.12 0.00	30.51 0.15 0.00	30.87 0.00 0.00	32.34 0.00 0.00	35.42 0.00 0.00	38.01 -0.04 0.00	34.91 -0.03 0.00	30.83 -0.06 0.00	30.38 0.00 0.00	28.45 0.03 0.00	26.08 0.00 0.00	24.10 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.59 1.48 0.00	22.59 1.30 0.00	21.40 1.12 0.00	20.35 1.08 0.00	20.39 1.12 0.00	21.88 1.28 0.00	23.21 1.44 0.00	26.72 1.65 0.00	30.05 1.91 0.00	31.21 1.88 0.00	30.84 1.91 0.00	31.65 1.85 0.00	31.61 1.76 0.00	32.21 1.85 0.00	32.79 1.91 0.00	34.34 2.00 0.00	37.69 2.27 0.00	40.41 2.36 0.00	37.19 2.24 0.00	32.83 1.95 0.00	32.35 1.97 0.00	30.24 1.82 0.00	27.70 1.62 0.00	25.60 1.49 0.00
VISCHER__FERRY HYD 24020	24.15 1.04 0.00	22.29 1.00 0.00	21.18 0.89 0.00	20.08 0.81 0.00	20.08 0.81 0.00	21.44 0.84 0.00	22.77 1.00 0.00	26.27 1.20 0.00	29.55 1.41 0.00	30.74 1.41 0.00	30.24 1.30 0.00	31.08 1.28 0.00	31.10 1.25 0.00	31.69 1.33 0.00	32.39 1.51 0.00	33.34 1.65 0.65	36.56 1.81 0.67	39.54 1.83 0.34	36.52 1.57 0.00	32.28 1.39 0.00	31.81 1.43 0.00	29.67 1.25 0.00	27.23 1.15 0.00	24.99 0.89 0.00
V_A_10_SYNC_DSASP 323832	23.48 0.37 0.00	21.48 0.19 0.00	20.22 -0.06 0.00	19.21 -0.06 0.00	19.23 -0.04 0.00	20.60 0.00 0.00	21.88 0.11 0.00	24.91 -0.15 0.00	27.38 -0.76 0.00	28.60 -0.73 0.00	28.47 -0.46 0.00	29.44 -0.36 0.00	29.25 -0.60 0.00	29.24 -1.12 0.00	29.79 -1.08 0.00	31.04 -1.29 0.00	33.79 -1.63 0.00	36.80 -1.26 0.00	34.56 -0.38 0.00	30.86 -0.03 0.00	30.14 -0.24 0.00	28.34 -0.09 0.00	26.03 -0.05 0.00	24.90 0.80 0.00
V_CMM_10_SYNC_DSASP 323787	22.53 -0.58 0.00	20.74 -0.55 0.00	19.88 -0.41 0.00	18.90 -0.37 0.00	18.88 -0.39 0.00	20.21 -0.39 0.00	21.23 -0.54 0.00	24.41 -0.65 0.00	27.46 -0.68 0.00	28.66 -0.67 0.00	28.24 -0.69 0.00	29.11 -0.68 0.00	29.13 -0.72 0.00	29.54 -0.82 0.00	30.04 -0.83 0.00	31.50 -0.84 0.00	34.54 -0.88 0.00	37.10 -0.95 0.00	34.11 -0.84 0.00	30.08 -0.80 0.00	29.62 -0.76 0.00	27.71 -0.71 0.00	25.41 -0.68 0.00	23.45 -0.65 0.00
V_CMP_10_SYNC_DSASP 323788	22.95 -0.16 0.00	21.08 -0.21 0.00	20.16 -0.12 0.00	19.21 -0.06 0.00	19.29 0.02 0.00	20.62 0.02 0.00	21.71 -0.07 0.00	24.92 -0.15 0.00	28.00 -0.14 0.00	29.21 -0.12 0.00	28.87 -0.06 0.00	29.77 -0.03 0.00	29.79 -0.06 0.00	30.12 -0.24 0.00	30.75 -0.12 0.00	32.21 -0.13 0.00	35.46 0.04 0.00	38.09 0.04 0.00	35.16 0.21 0.00	30.98 0.09 0.00	30.56 0.18 0.00	28.54 0.11 0.00	26.08 0.00 0.00	24.08 -0.02 0.00
V_E_10_SYNC_DSASP 323830	24.98 1.87 0.00	22.89 1.60 0.00	21.56 1.28 0.00	20.56 1.29 0.00	20.64 1.37 0.00	22.18 1.59 0.00	23.58 1.81 0.00	27.14 2.08 0.00	30.22 2.08 0.00	31.38 2.05 0.00	31.13 2.20 0.00	32.12 2.33 0.00	32.12 2.27 0.00	32.67 2.31 0.00	32.88 2.01 0.00	34.41 2.07 0.00	37.80 2.37 0.00	40.87 2.82 0.00	37.99 3.04 0.00	33.61 2.72 0.00	33.12 2.74 0.00	31.01 2.59 0.00	28.33 2.24 0.00	26.29 2.19 0.00
V_F_30_NSYNC__DSASP 323816	24.49 1.39 0.00	22.59 1.30 0.00	21.46 1.18 0.00	20.33 1.06 0.00	20.35 1.08 0.00	21.73 1.13 0.00	23.10 1.33 0.00	26.64 1.58 0.00	30.00 1.86 0.00	31.24 1.91 0.00	30.67 1.74 0.00	31.56 1.76 0.00	31.49 1.64 0.00	32.09 1.73 0.00	32.72 1.85 0.00	33.79 1.97 0.52	37.08 2.20 0.54	40.06 2.28 0.27	37.01 2.06 0.00	32.71 1.82 0.00	32.33 1.95 0.00	30.16 1.73 0.00	27.65 1.56 0.00	25.40 1.30 0.00
V_F_30_SYNC_DSASP 323786	23.89 0.79 0.00	22.08 0.79 0.00	20.95 0.67 0.00	19.87 0.60 0.00	19.89 0.62 0.00	21.20 0.60 0.00	22.51 0.74 0.00	25.97 0.90 0.00	29.27 1.13 0.00	30.44 1.11 0.00	29.97 1.04 0.00	30.84 1.04 0.00	30.95 1.10 0.00	31.60 1.24 0.00	32.17 1.30 0.00	33.19 1.33 0.47	36.42 1.49 0.49	39.29 1.48 0.25	36.14 1.19 0.00	31.94 1.05 0.00	31.44 1.06 0.00	29.36 0.94 0.00	26.94 0.86 0.00	24.73 0.63 0.00
V_XM_10_SYNC_DSASP 323789	22.95 -0.16 0.00	21.08 -0.21 0.00	20.16 -0.12 0.00	19.21 -0.06 0.00	19.29 0.02 0.00	20.62 0.02 0.00	21.71 -0.07 0.00	24.92 -0.15 0.00	28.00 -0.14 0.00	29.21 -0.12 0.00	28.87 -0.06 0.00	29.77 -0.03 0.00	29.79 -0.06 0.00	30.12 -0.24 0.00	30.75 -0.12 0.00	32.21 -0.13 0.00	35.46 0.04 0.00	38.09 0.04 0.00	35.16 0.21 0.00	30.98 0.09 0.00	30.56 0.18 0.00	28.54 0.11 0.00	26.08 0.00 0.00	24.08 -0.02 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.75 1.64 0.00	22.80 1.51 0.00	21.60 1.32 0.00	20.49 1.21 0.00	20.45 1.18 0.00	21.83 1.24 0.00	23.27 1.50 0.00	26.92 1.85 0.00	30.31 2.17 0.00	31.62 2.29 0.00	31.07 2.14 0.00	31.97 2.18 0.00	32.18 2.33 0.00	32.91 2.55 0.00	33.56 2.69 0.00	35.63 2.91 -0.39	39.05 3.22 -0.40	41.56 3.31 -0.20	37.67 2.73 0.00	33.27 2.38 0.00	32.66 2.28 0.00	30.50 2.07 0.00	28.07 1.98 0.00	25.74 1.64 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.93 1.83 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.62 1.35 0.00	22.02 1.42 0.00	23.51 1.74 0.00	27.30 2.23 0.00	30.76 2.62 0.00	32.12 2.79 0.00	31.48 2.55 0.00	32.39 2.59 0.00	32.57 2.72 0.00	33.34 2.98 0.00	33.99 3.12 0.00	36.06 3.30 -0.42	39.48 3.61 -0.44	41.96 3.69 -0.22	37.99 3.04 0.00	33.51 2.63 0.00	32.93 2.55 0.00	30.76 2.33 0.00	28.35 2.27 0.00	25.96 1.86 0.00
W50THST__13_KV_LOAD 356117	25.05 1.94 0.00	23.08 1.79 0.00	21.87 1.58 0.00	20.74 1.46 0.00	20.73 1.46 0.00	22.14 1.54 0.00	23.64 1.87 0.00	27.47 2.41 0.00	30.98 2.84 0.00	32.32 2.99 0.00	31.65 2.72 0.00	32.57 2.77 0.00	32.74 2.90 0.00	33.52 3.16 0.00	34.15 3.27 0.00	36.29 3.52 -0.42	39.69 3.83 -0.44	42.15 3.88 -0.22	38.23 3.29 0.00	33.67 2.78 0.00	33.05 2.67 0.00	30.87 2.44 0.00	28.46 2.37 0.00	26.10 2.00 0.00
WADING RIVER_IC_1 23522	29.04 2.38 -3.55	24.11 2.34 -0.48	24.64 2.21 -2.14	22.04 2.16 -0.61	21.34 2.06 -0.01	22.75 2.14 -0.01	28.44 2.46 -4.21	30.13 2.93 -2.14	33.11 3.43 -1.54	32.98 3.34 -0.31	32.09 2.89 -0.26	32.63 2.83 0.00	32.71 2.80 -0.05	33.99 3.10 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.36 4.36 -0.57	45.29 4.53 -2.71	39.65 4.05 -0.65	34.81 3.61 -0.31	33.83 3.43 -0.02	32.53 3.10 -1.01	30.87 2.90 -1.89	30.10 2.51 -3.49
WADING RIVER_IC_2 23547	29.04 2.38 -3.55	24.11 2.34 -0.48	24.64 2.21 -2.14	22.04 2.16 -0.61	21.34 2.06 -0.01	22.75 2.14 -0.01	28.44 2.46 -4.21	30.13 2.93 -2.14	33.11 3.43 -1.54	32.98 3.34 -0.31	32.09 2.89 -0.26	32.63 2.83 0.00	32.71 2.80 -0.05	33.99 3.10 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.36 4.36 -0.57	45.29 4.53 -2.71	39.65 4.05 -0.65	34.81 3.61 -0.31	33.83 3.43 -0.02	32.53 3.10 -1.01	30.87 2.90 -1.89	30.10 2.51 -3.49
WADING RIVER_IC_3 23601	29.04 2.38 -3.55	24.11 2.34 -0.48	24.64 2.21 -2.14	22.04 2.16 -0.61	21.34 2.06 -0.01	22.75 2.14 -0.01	28.44 2.46 -4.21	30.13 2.93 -2.14	33.11 3.43 -1.54	32.98 3.34 -0.31	32.09 2.89 -0.26	32.63 2.83 0.00	32.71 2.80 -0.05	33.99 3.10 -0.53	37.38 3.52 -2.99	38.64 3.91 -2.39	40.36 4.36 -0.57	45.29 4.53 -2.71	39.65 4.05 -0.65	34.81 3.61 -0.31	33.83 3.43 -0.02	32.53 3.10 -1.01	30.87 2.90 -1.89	30.10 2.51 -3.49
WALDENNY_I2_KV_BK2 80841	23.92 0.81 0.00	21.85 0.55 0.00	20.49 0.20 0.00	19.44 0.17 0.00	19.46 0.19 0.00	20.93 0.33 0.00	22.23 0.46 0.00	25.34 0.28 0.00	27.75 -0.39 0.00	28.98 -0.35 0.00	28.93 0.00 0.00	29.98 0.18 0.00	29.88 0.03 0.00	29.75 -0.61 0.00	30.35 -0.52 0.00	31.59 -0.74 0.00	34.43 -0.99 0.00	37.56 -0.49 0.00	35.40 0.45 0.00	31.63 0.74 0.00	30.77 0.39 0.00	28.96 0.54 0.00	26.55 0.47 0.00	25.52 1.42 0.00
WALDEN__HYDRO 24148	24.72 1.62 0.00	22.74 1.45 0.00	21.58 1.30 0.00	20.47 1.20 0.00	20.37 1.10 0.00	21.75 1.15 0.00	23.17 1.39 0.00	26.67 1.61 0.00	30.03 1.89 0.00	31.30 1.97 0.00	30.73 1.79 0.00	31.65 1.85 0.00	31.67 1.82 0.00	32.33 1.97 0.00	33.13 2.25 0.00	35.24 2.59 -0.31	38.59 2.84 -0.33	41.15 2.93 -0.16	37.36 2.41 0.00	32.99 2.10 0.00	32.47 2.09 0.00	30.36 1.93 0.00	27.91 1.83 0.00	25.62 1.52 0.00
WARRENSBURG____ 23737	24.35 1.25 0.00	22.42 1.13 0.00	21.30 1.01 0.00	20.18 0.91 0.00	20.18 0.91 0.00	21.59 0.99 0.00	22.97 1.20 0.00	26.54 1.48 0.00	29.91 1.77 0.00	31.15 1.82 0.00	30.46 1.53 0.00	31.29 1.49 0.00	31.07 1.22 0.00	31.63 1.27 0.00	32.26 1.39 0.00	33.30 1.46 0.49	36.58 1.67 0.51	39.46 1.67 0.26	36.70 1.75 0.00	32.40 1.51 0.00	32.23 1.85 0.00	30.04 1.62 0.00	27.52 1.43 0.00	25.23 1.13 0.00
WATERSIDE____6 8 9 23538	25.00 1.89 0.00	23.04 1.75 0.00	21.83 1.54 0.00	20.70 1.43 0.00	20.66 1.39 0.00	22.00 1.40 0.00	23.51 1.74 0.00	27.38 2.31 -0.01	30.85 2.70 -0.01	32.23 2.90 0.01	31.27 2.69 0.36	32.31 2.71 0.20	32.49 2.84 0.20	33.25 3.10 0.21	33.80 3.24 0.31	36.13 3.36 -0.43	39.58 3.72 -0.43	34.38 3.84 7.52	38.02 3.08 0.00	33.34 2.72 0.26	32.91 2.58 0.05	30.32 2.44 0.55	27.18 2.40 1.30	26.05 1.95 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.11 0.00 0.00	21.29 0.00 0.00	20.26 -0.02 0.00	19.23 -0.04 0.00	19.23 -0.04 0.00	20.56 -0.04 0.00	21.75 -0.02 0.00	25.04 -0.03 0.00	28.17 0.03 0.00	29.33 0.00 0.00	28.96 0.03 0.00	29.89 0.09 0.00	29.94 0.09 0.00	30.45 0.09 0.00	30.90 0.03 0.00	32.37 0.03 0.00	35.46 0.04 0.00	38.09 0.04 0.00	34.98 0.03 0.00	30.92 0.03 0.00	30.47 0.09 0.00	28.51 0.09 0.00	26.14 0.05 0.00	24.15 0.05 0.00
WATSON__69_KV_BK 1 55734	29.57 2.91 -3.55	24.49 2.73 -0.48	24.90 2.47 -2.14	22.21 2.33 -0.61	21.58 2.31 0.00	23.03 2.43 0.00	28.75 2.76 -4.21	30.53 3.33 -2.14	33.53 3.86 -1.54	33.66 4.02 -0.31	32.78 3.59 -0.26	33.32 3.52 0.00	33.60 3.70 -0.05	34.99 4.10 -0.53	38.12 4.26 -2.99	39.32 4.59 -2.39	41.08 5.07 -0.59	46.14 5.37 -2.72	39.69 4.72 -0.02	35.29 4.08 -0.32	34.30 3.89 -0.03	33.02 3.58 -1.01	31.47 3.50 -1.89	30.65 3.06 -3.49
WDELAWARE__HYD 323627	24.70 1.59 0.00	22.70 1.40 0.00	21.54 1.26 0.00	20.45 1.18 0.00	20.35 1.08 0.00	21.75 1.15 0.00	23.14 1.37 0.00	26.62 1.55 0.00	29.97 1.83 0.00	31.24 1.91 0.00	30.73 1.79 0.00	31.71 1.91 0.00	31.73 1.88 0.00	32.39 2.03 0.00	33.13 2.25 0.00	35.07 2.52 -0.20	38.47 2.84 -0.21	41.13 2.97 -0.11	37.39 2.45 0.00	32.99 2.10 0.00	32.47 2.09 0.00	30.36 1.93 0.00	27.91 1.83 0.00	25.65 1.54 0.00
WEST BABYLON__IC 23714	29.43 2.77 -3.55	24.34 2.58 -0.48	24.74 2.31 -2.14	22.06 2.18 -0.61	21.43 2.16 0.00	22.86 2.27 0.00	28.59 2.61 -4.21	30.38 3.18 -2.14	33.34 3.66 -1.54	33.48 3.84 -0.31	32.61 3.41 -0.26	33.20 3.40 0.00	33.45 3.55 -0.05	34.81 3.92 -0.53	37.91 4.04 -2.99	39.16 4.43 -2.39	40.85 4.85 -0.58	45.87 5.10 -2.72	39.44 4.47 -0.02	35.03 3.83 -0.32	34.08 3.68 -0.02	32.82 3.38 -1.01	31.31 3.34 -1.89	30.48 2.89 -3.49
WEST CANADA__HYD 24049	23.15 0.05 0.00	21.33 0.04 0.00	20.30 0.02 0.00	19.29 0.02 0.00	19.31 0.04 0.00	20.64 0.04 0.00	21.81 0.04 0.00	25.11 0.05 0.00	28.23 0.08 0.00	29.42 0.09 0.00	29.02 0.09 0.00	29.89 0.09 0.00	29.94 0.09 0.00	30.45 0.09 0.00	30.97 0.09 0.00	32.40 0.06 0.00	35.50 0.07 0.00	38.13 0.08 0.00	35.02 0.07 0.00	30.98 0.09 0.00	30.47 0.09 0.00	28.51 0.09 0.00	26.16 0.08 0.00	24.17 0.07 0.00

WESTERN_NY_WIND 24143	24.15 1.04 0.00	22.27 0.98 0.00	20.71 0.43 0.00	19.68 0.41 0.00	19.69 0.42 0.00	21.15 0.56 0.00	22.51 0.74 0.00	25.64 0.58 0.00	28.11 -0.03 0.00	29.33 0.00 0.00	29.28 0.35 0.00	30.34 0.54 0.00	30.74 0.89 0.00	31.09 0.73 0.00	30.75 -0.12 0.00	31.66 -0.68 0.00	34.57 -0.85 0.00	37.79 -0.26 0.00	35.58 0.63 0.00	31.81 0.93 0.00	31.08 0.70 0.00	29.22 0.79 0.00	26.79 0.70 0.00	25.69 1.59 0.00
WESTOVER___LESR 323668	23.71 0.60 0.00	21.78 0.49 0.00	20.61 0.32 0.00	19.58 0.31 0.00	19.58 0.31 0.00	20.97 0.37 0.00	22.27 0.50 0.00	25.64 0.58 0.00	28.62 0.48 0.00	29.83 0.50 0.00	29.54 0.61 0.00	30.48 0.69 0.00	30.54 0.69 0.00	30.91 0.55 0.00	31.40 0.52 0.00	32.95 0.61 0.00	36.03 0.60 0.00	38.93 0.88 0.00	35.93 0.98 0.00	31.81 0.93 0.00	31.17 0.79 0.00	29.19 0.77 0.00	26.79 0.70 0.00	24.94 0.84 0.00
WETHRSFD_WT_PWR 323626	23.73 0.62 0.00	21.80 0.51 0.00	20.37 0.08 0.00	19.35 0.08 0.00	19.37 0.10 0.00	20.80 0.21 0.00	22.14 0.37 0.00	25.26 0.20 0.00	27.75 -0.39 0.00	28.98 -0.35 0.00	28.85 -0.09 0.00	29.83 0.03 0.00	30.15 0.30 0.00	30.42 0.06 0.00	30.32 -0.55 0.00	31.27 -1.07 0.00	34.22 -1.20 0.00	37.44 -0.61 0.00	35.23 0.28 0.00	31.50 0.62 0.00	30.71 0.33 0.00	28.88 0.45 0.00	26.50 0.42 0.00	25.31 1.20 0.00
WHAVSTOR_138KV_BK127 55557	24.66 1.55 0.00	22.72 1.43 0.00	21.52 1.24 0.00	20.41 1.14 0.00	20.39 1.12 0.00	21.77 1.17 0.00	23.21 1.44 0.00	26.84 1.78 0.00	30.22 2.08 0.00	31.56 2.23 0.00	30.99 2.05 0.00	31.91 2.12 0.00	32.09 2.24 0.00	32.82 2.46 0.00	33.47 2.59 0.00	35.54 2.81 -0.39	38.94 3.12 -0.40	41.41 3.16 -0.20	37.57 2.62 0.00	33.17 2.29 0.00	32.54 2.16 0.00	30.39 1.96 0.00	27.96 1.88 0.00	25.64 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.66 1.55 0.00	22.72 1.43 0.00	21.52 1.24 0.00	20.41 1.14 0.00	20.39 1.12 0.00	21.77 1.17 0.00	23.21 1.44 0.00	26.84 1.78 0.00	30.22 2.08 0.00	31.56 2.23 0.00	30.99 2.05 0.00	31.91 2.12 0.00	32.09 2.24 0.00	32.82 2.46 0.00	33.47 2.59 0.00	35.54 2.81 -0.39	38.94 3.12 -0.40	41.41 3.16 -0.20	37.57 2.62 0.00	33.17 2.29 0.00	32.54 2.16 0.00	30.39 1.96 0.00	27.96 1.88 0.00	25.64 1.54 0.00
WHITEHAL_115KV_TB1 80871	25.09 1.99 0.00	23.10 1.81 0.00	21.93 1.64 0.00	20.76 1.48 0.00	20.77 1.50 0.00	22.25 1.65 0.00	23.71 1.94 0.00	27.45 2.38 0.00	30.93 2.79 0.00	32.20 2.87 0.00	31.54 2.60 0.00	32.39 2.59 0.00	32.18 2.33 0.00	32.82 2.46 0.00	33.34 2.47 0.00	34.32 2.49 0.51	37.73 2.83 0.52	40.79 3.01 0.26	37.88 2.94 0.00	33.48 2.59 0.00	33.36 2.98 0.00	31.04 2.62 0.00	28.41 2.32 0.00	26.03 1.93 0.00
WHITEPLN_13_KV_LOAD 356215	24.93 1.83 0.00	22.97 1.68 0.00	21.76 1.48 0.00	20.64 1.37 0.00	20.66 1.39 0.00	22.02 1.42 0.00	23.49 1.72 0.00	27.25 2.18 0.00	30.70 2.56 0.00	32.09 2.76 0.00	31.51 2.57 0.00	32.66 2.86 0.00	32.83 2.98 0.00	33.58 3.22 0.00	33.99 3.12 0.00	36.09 3.33 -0.42	39.51 3.65 -0.44	42.04 3.77 -0.22	38.13 3.18 0.00	33.60 2.72 0.00	32.96 2.58 0.00	30.78 2.36 0.00	28.33 2.24 0.00	25.93 1.83 0.00
WM_FLOYD_69_KV_BK2 356380	29.24 2.59 -3.55	24.26 2.49 -0.48	24.74 2.31 -2.14	22.08 2.20 -0.61	21.43 2.16 0.00	22.84 2.25 0.00	28.55 2.57 -4.21	30.26 3.06 -2.14	33.22 3.55 -1.54	33.22 3.58 -0.31	32.32 3.12 -0.26	32.87 3.07 0.00	33.13 3.22 -0.05	34.63 3.73 -0.53	37.66 3.80 -2.99	38.84 4.11 -2.39	40.57 4.57 -0.57	45.56 4.79 -2.71	39.27 4.30 -0.02	34.94 3.74 -0.31	33.95 3.55 -0.02	32.68 3.24 -1.01	31.08 3.10 -1.89	30.31 2.72 -3.49
WOODARD___115KV_TB2 355635	23.08 -0.02 0.00	21.25 -0.04 0.00	20.18 -0.10 0.00	19.18 -0.10 0.00	19.17 -0.10 0.00	20.52 -0.08 0.00	21.73 -0.04 0.00	25.01 -0.05 0.00	27.97 -0.17 0.00	29.21 -0.12 0.00	28.87 -0.06 0.00	29.80 0.00 0.00	29.82 -0.03 0.00	30.24 -0.12 0.00	30.66 -0.22 0.00	32.11 -0.23 0.00	35.14 -0.28 0.00	37.82 -0.23 0.00	34.84 -0.10 0.00	30.79 -0.09 0.00	30.26 -0.12 0.00	28.34 -0.09 0.00	26.01 -0.08 0.00	24.15 0.05 0.00
YORK___WARBASSE 23770	25.14 2.03 0.00	23.12 1.83 0.00	21.89 1.60 0.00	20.76 1.48 0.00	20.72 1.45 0.00	22.02 1.42 0.00	23.53 1.76 0.00	27.48 2.41 -0.01	30.99 2.84 -0.01	32.52 3.08 -0.11	34.32 2.84 -2.55	34.11 2.89 -1.42	34.24 3.01 -1.37	35.14 3.28 -1.51	37.01 3.46 -2.68	36.36 3.59 -0.43	39.89 3.97 -0.50	96.68 4.15 -54.48	38.28 3.32 -0.01	35.66 2.93 -1.84	33.54 2.79 -0.37	34.88 2.62 -3.85	37.81 2.56 -9.17	26.18 2.07 -0.01