

# Day Ahead Market Generator LBMP

		--- LBMP \$							--- Marginal Cost of Losses							--- Marginal Cost of Congestion													
Generator Data																											08/04/2023		
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	25.93	24.05	22.61	21.12	20.61	22.50	24.57	26.74	29.39	30.72	30.71	32.32	32.89	34.68	34.85	34.12	40.33	42.93	40.27	37.49	33.19	31.97	29.82	27.20				
		1.92	1.74	1.69	1.44	1.38	1.61	1.85	2.17	2.45	2.56	2.35	2.50	2.49	2.54	2.58	2.50	3.36	3.55	3.08	2.74	2.08	2.15	2.13	1.92				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_1	24260	26.00	24.07	22.50	21.14	20.57	22.40	24.57	26.74	29.36	30.72	30.68	32.32	32.89	34.64	34.82	34.09	40.26	42.88	40.27	37.42	33.16	31.97	29.85	27.22				
		1.99	1.76	1.59	1.46	1.35	1.50	1.85	2.17	2.42	2.56	2.33	2.50	2.49	2.51	2.55	2.47	3.29	3.50	3.09	2.68	2.05	2.15	2.16	1.95				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_2	24261	26.00	24.07	22.50	21.14	20.57	22.40	24.57	26.74	29.36	30.72	30.68	32.32	32.89	34.64	34.82	34.09	40.26	42.88	40.27	37.42	33.16	31.97	29.85	27.22				
		1.99	1.76	1.59	1.46	1.35	1.50	1.85	2.17	2.42	2.56	2.33	2.50	2.49	2.51	2.55	2.47	3.29	3.50	3.09	2.68	2.05	2.15	2.16	1.95				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK HUDSON___FALLS	24011	26.29	24.14	22.61	21.24	20.70	22.58	24.98	31.08	29.52	30.75	30.76	32.11	32.53	34.55	34.59	33.87	39.63	42.25	40.19	37.60	33.81	32.33	29.99	27.35				
		2.06	1.83	1.69	1.56	1.48	1.69	2.05	2.13	2.56	2.59	2.41	2.30	2.13	2.41	2.32	2.25	2.66	2.87	3.01	2.85	2.71	2.51	2.30	2.07				
		-0.21	0.00	0.00	0.00	0.00	0.00	-0.39	-5.08	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK RESOURCE___RCVRY	23798	26.47	24.29	22.82	21.38	20.86	22.79	25.16	31.08	29.79	31.00	31.05	32.35	32.74	34.84	34.88	34.16	39.89	42.57	40.53	37.88	34.12	32.57	30.24	27.58				
		2.26	1.98	1.90	1.69	1.63	1.90	2.23	2.34	2.83	2.84	2.70	2.53	2.34	2.70	2.61	2.53	2.92	3.19	3.35	3.13	3.02	2.74	2.55	2.30				
		-0.20	0.00	0.00	0.00	0.00	0.00	-0.38	-4.86	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK S GLENS___FALLS	24028	26.29	24.14	22.61	21.24	20.70	22.58	24.98	31.08	29.52	30.75	30.76	32.11	32.53	34.55	34.59	33.87	39.63	42.25	40.19	37.60	33.81	32.33	29.99	27.35				
		2.06	1.83	1.69	1.56	1.48	1.69	2.05	2.13	2.56	2.59	2.41	2.30	2.13	2.41	2.32	2.25	2.66	2.87	3.01	2.85	2.71	2.51	2.30	2.07				
		-0.21	0.00	0.00	0.00	0.00	0.00	-0.39	-5.08	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK_NYS___DAM	23527	25.81	23.67	22.21	20.85	20.38	22.23	24.57	34.14	28.60	29.76	29.86	31.30	31.83	33.77	33.85	33.14	38.74	41.27	39.04	36.49	32.60	31.20	29.05	26.49				
		1.39	1.36	1.30	1.16	1.15	1.34	1.51	1.43	1.62	1.60	1.50	1.49	1.43	1.64	1.58	1.52	1.77	1.89	1.86	1.74	1.49	1.37	1.36	1.21				
		-0.41	0.00	0.00	0.00	0.00	0.00	-0.51	-8.83	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
AIR_PRODUCTS___DRP	24190	24.31	22.84	21.39	20.12	19.61	21.35	23.24	20.50	27.63	28.83	28.98	30.41	30.95	32.75	32.85	32.20	37.67	40.21	37.93	35.44	31.63	30.30	28.22	25.73				
		0.55	0.54	0.48	0.43	0.38	0.46	0.63	0.62	0.73	0.68	0.62	0.60	0.55	0.61	0.58	0.57	0.70	0.83	0.74	0.69	0.53	0.48	0.53	0.45				
		0.25	0.00	0.00	0.00	0.00	0.00	-0.06	4.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
AKWESSNE_115KV_BK	355683	23.55	21.88	20.60	19.43	19.05	20.56	22.03	23.33	26.37	27.59	27.84	29.28	29.91	31.59	31.69	31.06	36.30	38.75	36.62	34.23	30.61	29.32	27.19	24.90				
		-0.46	-0.42	-0.31	-0.26	-0.17	-0.33	-0.52	-0.55	-0.57	-0.56	-0.51	-0.54	-0.49	-0.55	-0.58	-0.57	-0.67	-0.63	-0.56	-0.52	-0.50	-0.51	-0.50	-0.38				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY___1	23571	24.31	22.84	21.39	20.12	19.61	21.35	23.24	20.50	27.63	28.83	28.98	30.41	30.95	32.75	32.85	32.20	37.67	40.21	37.93	35.44	31.63	30.30	28.22	25.73				
		0.55	0.54	0.48	0.43	0.38	0.46	0.63	0.62	0.73	0.68	0.62	0.60	0.55	0.61	0.58	0.57	0.70	0.83	0.74	0.69	0.53	0.48	0.53	0.45				
		0.25	0.00	0.00	0.00	0.00	0.00	-0.06	4.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY___2	23572	24.31	22.84	21.39	20.12	19.61	21.35	23.24	20.50	27.63	28.83	28.98	30.41	30.95	32.75	32.85	32.20	37.67	40.21	37.93	35.44	31.63	30.30	28.22	25.73				
		0.55	0.54	0.48	0.43	0.38	0.46	0.63	0.62	0.73	0.68	0.62	0.60	0.55	0.61	0.58	0.57	0.70	0.83	0.74	0.69	0.53	0.48	0.53	0.45				
		0.25	0.00	0.00	0.00	0.00	0.00	-0.06	4.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY___3	23573	24.31	22.84	21.39	20.12	19.61	21.35	23.24	20.50	27.63	28.83	28.98	30.41	30.95	32.75	32.85	32.20	37.67	40.21	37.93	35.44	31.63	30.30	28.22	25.73				
		0.55	0.54	0.48	0.43	0.38	0.46	0.63	0.62	0.73	0.68	0.62	0.60	0.55	0.61	0.58	0.57	0.70	0.83	0.74	0.69	0.53	0.48	0.53	0.45				
		0.25	0.00	0.00	0.00	0.00	0.00	-0.06	4.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

ALBANY___4 23574	24.31 0.55 0.25	22.84 0.54 0.00	21.39 0.48 0.00	20.12 0.43 0.00	19.61 0.38 0.00	21.35 0.46 0.00	23.24 0.63 -0.06	20.50 0.62 4.00	27.63 0.73 0.03	28.83 0.68 0.00	28.98 0.62 0.00	30.41 0.60 0.00	30.95 0.55 0.00	32.75 0.61 0.00	32.85 0.58 0.00	32.20 0.57 0.00	37.67 0.70 0.00	40.21 0.83 0.00	37.93 0.74 0.00	35.44 0.69 0.00	31.63 0.53 0.00	30.30 0.48 0.00	28.22 0.53 0.00	25.73 0.45 0.00
ALBANY___LFGE 323615	24.56 0.79 0.24	23.07 0.76 0.00	21.66 0.75 0.00	20.32 0.63 0.00	19.82 0.60 0.00	21.62 0.73 0.00	23.47 0.86 -0.07	21.03 0.86 3.70	27.93 1.02 0.03	29.17 1.01 0.00	29.32 0.96 0.00	30.74 0.93 0.00	31.28 0.88 0.00	33.13 1.00 0.00	33.24 0.97 0.00	32.54 0.92 0.00	38.08 1.11 0.00	40.64 1.26 0.00	38.37 1.19 0.00	35.83 1.08 0.00	31.97 0.87 0.00	30.63 0.81 0.00	28.52 0.83 0.00	26.01 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	23.67 -0.34 0.00	22.02 -0.29 0.00	20.70 -0.21 0.00	19.55 -0.14 0.00	19.22 0.00 0.00	20.64 -0.25 0.00	22.07 -0.47 0.00	23.38 -0.50 0.00	26.42 -0.51 0.00	27.65 -0.51 0.00	27.90 -0.45 0.00	29.37 -0.45 0.00	30.00 -0.40 0.00	31.69 -0.45 0.00	31.75 -0.52 0.00	31.15 -0.47 0.00	36.38 -0.59 0.00	38.83 -0.55 0.00	36.74 -0.45 0.00	34.33 -0.42 0.00	30.70 -0.40 0.00	29.41 -0.42 0.00	27.28 -0.42 0.00	25.02 -0.25 0.00
ALCOA_RYNLDS___DRP 24188	23.67 -0.34 0.00	22.02 -0.29 0.00	20.70 -0.21 0.00	19.55 -0.14 0.00	19.22 0.00 0.00	20.64 -0.25 0.00	22.07 -0.47 0.00	23.38 -0.50 0.00	26.42 -0.51 0.00	27.65 -0.51 0.00	27.90 -0.45 0.00	29.37 -0.45 0.00	30.00 -0.40 0.00	31.69 -0.45 0.00	31.75 -0.52 0.00	31.15 -0.47 0.00	36.38 -0.59 0.00	38.83 -0.55 0.00	36.74 -0.45 0.00	34.33 -0.42 0.00	30.70 -0.40 0.00	29.41 -0.42 0.00	27.28 -0.42 0.00	25.02 -0.25 0.00
ALCOA___DSASP 323711	23.67 -0.34 0.00	22.02 -0.29 0.00	20.62 -0.29 0.00	19.55 -0.14 0.00	19.07 -0.15 0.00	20.58 -0.31 0.00	22.07 -0.47 0.00	23.38 -0.50 0.00	26.42 -0.51 0.00	27.65 -0.51 0.00	27.90 -0.45 0.00	29.37 -0.45 0.00	30.00 -0.40 0.00	31.69 -0.45 0.00	31.75 -0.52 0.00	31.15 -0.47 0.00	36.38 -0.59 0.00	38.83 -0.55 0.00	36.74 -0.44 0.00	34.26 -0.49 0.00	30.70 -0.41 0.00	29.44 -0.39 0.00	27.28 -0.41 0.00	25.02 -0.25 0.00
ALLEGHENY___COGEN 23514	25.66 1.66 0.00	23.78 1.47 0.00	22.17 1.25 0.00	20.73 1.04 0.00	20.30 1.08 0.00	22.08 1.19 0.00	23.72 1.15 -0.03	24.70 0.72 -0.11	27.39 0.46 0.00	28.55 0.39 0.00	28.78 0.43 0.00	30.20 0.39 0.00	30.79 0.39 0.00	32.43 0.29 0.00	32.85 0.58 0.00	32.20 0.57 0.00	37.38 0.41 0.00	40.13 0.75 0.00	38.63 1.45 0.00	36.69 1.94 0.00	33.53 2.43 0.00	32.36 2.53 0.00	29.69 2.00 0.00	27.10 1.82 0.00
ALTAMONT_115KV_TB 2 55880	24.80 0.91 0.12	23.16 0.85 0.00	21.69 0.77 0.00	20.40 0.71 0.00	19.88 0.65 0.00	21.64 0.75 0.00	23.62 0.92 -0.15	23.39 0.96 1.44	28.03 1.10 0.01	29.26 1.10 0.00	29.38 1.02 0.00	30.83 1.01 0.00	31.37 0.97 0.00	33.20 1.06 0.00	33.33 1.06 0.00	32.64 1.01 0.00	38.22 1.26 0.00	40.76 1.38 0.00	38.45 1.26 0.00	35.93 1.18 0.00	32.10 1.00 0.00	30.78 0.95 0.00	28.63 0.94 0.00	26.11 0.83 0.00
ALTONA_WT_PWR 323606	23.36 -0.65 0.00	21.75 -0.56 0.00	20.37 -0.54 0.00	19.25 -0.43 0.00	18.76 -0.46 0.00	20.37 -0.52 0.00	22.05 -0.50 0.00	23.45 -0.43 0.00	26.72 -0.22 0.00	28.10 -0.06 0.00	28.50 0.14 0.00	29.96 0.15 0.00	30.76 0.37 0.00	32.65 0.51 0.00	32.72 0.45 0.00	32.10 0.48 0.00	37.49 0.52 0.00	40.13 0.75 0.00	38.07 0.89 0.00	35.48 0.73 0.00	31.76 0.65 0.00	30.30 0.48 0.00	28.11 0.42 0.00	25.71 0.43 0.00
AMERICAN_REF_FUEL 24010	24.15 0.14 0.00	22.31 0.00 0.00	20.75 -0.17 0.00	19.35 -0.33 0.00	18.99 -0.23 0.00	20.60 -0.29 0.00	22.14 -0.43 -0.03	23.24 -0.74 -0.10	26.05 -0.89 0.00	27.20 -0.96 0.00	27.48 -0.88 0.00	29.10 -0.72 0.00	29.82 -0.58 0.00	31.30 -0.84 0.00	31.50 -0.77 0.00	30.84 -0.79 0.00	35.49 -1.48 0.00	37.73 -1.65 0.00	35.88 -1.30 0.00	33.64 -1.11 0.00	30.73 -0.37 0.00	29.53 -0.30 0.00	27.33 -0.36 0.00	25.13 -0.15 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.38 1.37 0.00	23.38 1.07 0.00	21.75 0.84 0.00	20.26 0.57 0.00	19.94 0.71 0.00	21.64 0.75 0.00	23.34 0.77 -0.03	24.54 0.55 -0.11	27.77 0.84 0.00	29.12 0.96 0.00	29.43 1.08 0.00	31.07 1.25 0.00	31.80 1.40 0.00	33.49 1.35 0.00	33.69 1.42 0.00	32.99 1.36 0.00	38.00 1.03 0.00	40.44 1.06 0.00	38.41 1.23 0.00	36.00 1.25 0.00	32.91 1.80 0.00	31.68 1.85 0.00	29.10 1.41 0.00	26.74 1.47 0.00
ARTHUR_KILL_GT_1 23520	25.99 1.97 -0.01	24.10 1.79 -0.01	22.64 1.72 -0.01	21.13 1.44 -0.01	20.62 1.38 -0.01	22.42 1.52 0.00	24.39 1.67 -0.18	26.58 2.01 -0.69	29.19 2.26 0.01	30.57 2.42 0.01	30.53 2.18 0.01	32.19 2.39 0.01	32.70 2.31 0.01	34.44 2.32 0.01	34.65 2.39 0.01	33.96 2.34 0.01	40.14 3.18 0.01	42.60 3.23 0.01	40.11 2.94 0.01	37.14 2.40 0.01	32.84 1.74 0.01	31.82 2.00 0.01	29.79 2.10 0.01	27.20 1.92 -0.01
ARTHUR_KILL_2 23512	25.91 1.90 -0.01	24.03 1.72 -0.01	22.57 1.65 -0.01	21.09 1.40 -0.01	20.56 1.33 -0.01	22.35 1.46 0.00	24.33 1.60 -0.18	26.50 1.93 -0.69	29.11 2.18 0.01	30.49 2.34 0.01	30.42 2.07 0.01	32.07 2.26 0.01	32.61 2.22 0.01	34.34 2.22 0.01	34.55 2.29 0.01	33.83 2.21 0.01	39.99 3.03 0.01	42.44 3.07 0.01	39.96 2.79 0.01	37.00 2.26 0.01	32.71 1.62 0.01	31.73 1.91 0.01	29.68 2.00 0.01	27.13 1.84 -0.01
ARTHUR_KILL_3 23513	25.69 1.68 0.00	23.80 1.49 0.00	22.40 1.48 0.00	20.93 1.24 0.00	20.40 1.17 0.00	22.29 1.40 0.00	24.33 1.60 -0.18	26.47 1.91 -0.69	29.06 2.13 0.00	30.36 2.20 0.00	30.34 1.98 0.00	31.90 2.09 0.00	32.47 2.07 0.00	34.22 2.09 0.00	34.40 2.13 0.00	33.71 2.09 0.00	39.81 2.85 0.00	42.37 2.99 0.00	39.78 2.60 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.61 1.79 0.00	29.55 1.86 0.00	26.94 1.67 0.00
ARTHUR_KILL_COGEN 323718	25.99 1.97 -0.01	24.10 1.79 -0.01	22.64 1.72 -0.01	21.13 1.44 -0.01	20.62 1.38 -0.01	22.42 1.52 0.00	24.39 1.67 -0.18	26.58 2.01 -0.69	29.19 2.26 0.01	30.57 2.42 0.01	30.53 2.18 0.01	32.19 2.39 0.01	32.70 2.31 0.01	34.44 2.32 0.01	34.65 2.39 0.01	33.96 2.34 0.01	40.14 3.18 0.01	42.60 3.23 0.01	40.11 2.94 0.01	37.14 2.40 0.01	32.84 1.74 0.01	31.82 2.00 0.01	29.79 2.10 0.01	27.20 1.92 -0.01
ASHOKAN____ 23654	25.41 1.51 0.11	23.33 1.03 0.00	22.02 1.11 0.00	20.53 0.85 0.00	19.94 0.71 0.00	21.75 0.86 0.00	24.10 1.42 -0.13	23.85 1.34 1.36	27.84 0.92 0.01	29.06 0.90 0.00	29.29 0.93 0.00	30.77 0.95 0.00	31.25 0.85 0.00	33.10 0.96 0.00	33.17 0.90 0.00	32.51 0.88 0.00	38.30 1.33 0.00	40.88 1.50 0.00	38.56 1.38 0.00	36.04 1.29 0.00	32.13 1.02 0.00	30.96 1.13 0.00	28.77 1.08 0.00	26.29 1.01 0.00

ASTORIA_EAST_ENERGY_CC1 323581	25.91 1.90 -0.01	24.06 1.74 -0.01	22.64 1.72 -0.01	21.15 1.46 -0.01	20.65 1.42 -0.01	22.54 1.65 0.00	24.57 1.85 -0.18	26.67 2.10 -0.69	29.22 2.29 0.01	30.54 2.39 0.01	30.50 2.15 0.01	32.10 2.30 0.01	32.64 2.25 0.01	34.34 2.22 0.01	34.52 2.26 0.01	33.80 2.18 0.01	39.99 3.03 0.01	42.34 2.95 -0.01	40.16 2.98 0.00	37.03 2.29 0.01	32.74 1.65 0.01	31.76 1.94 0.00	29.83 2.13 -0.01	27.20 1.92 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	25.91 1.90 -0.01	24.06 1.74 -0.01	22.64 1.72 -0.01	21.15 1.46 -0.01	20.65 1.42 -0.01	22.54 1.65 0.00	24.57 1.85 -0.18	26.67 2.10 -0.69	29.22 2.29 0.01	30.54 2.39 0.01	30.50 2.15 0.01	32.10 2.30 0.01	32.64 2.25 0.01	34.34 2.22 0.01	34.52 2.26 0.01	33.80 2.18 0.01	39.99 3.03 0.01	42.34 2.95 -0.01	40.16 2.98 0.00	37.03 2.29 0.01	32.74 1.65 0.01	31.76 1.94 0.00	29.83 2.13 -0.01	27.20 1.92 -0.01
ASTORIA_GT2_1 24094	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT2_2 24095	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT2_3 24096	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT2_4 24097	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT3_1 24098	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT3_2 24099	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT3_3 24100	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT3_4 24101	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT4_1 24102	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT4_2 24103	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT4_3 24104	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT4_4 24105	25.93 1.92 0.00	24.05 1.74 0.00	22.52 1.61 0.00	21.14 1.46 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.57 1.85 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.56 2.42 0.02	30.51 2.15 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.53 3.15 0.00	40.16 2.97 0.00	37.04 2.29 0.00	32.78 1.68 0.00	31.79 1.97 0.00	29.85 2.16 0.00	27.22 1.95 0.00
ASTORIA_GT_1 23523	25.99 1.97 -0.01	24.10 1.79 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.69 1.46 -0.01	22.58 1.69 0.00	24.62 1.89 -0.18	26.74 2.17 -0.69	29.30 2.37 0.01	30.63 2.48 0.01	30.59 2.24 0.01	32.19 2.39 0.01	32.73 2.34 0.01	34.44 2.32 0.01	34.62 2.35 0.01	33.90 2.28 0.01	40.10 3.14 0.01	42.46 3.07 -0.01	40.27 3.08 0.00	37.14 2.40 0.01	32.84 1.74 0.01	31.85 2.03 0.00	29.89 2.19 -0.01	27.28 2.00 -0.01

ASTORIA_GT_10 24110	25.93 1.92 0.00	24.03 1.72 0.00	22.46 1.55 0.00	21.10 1.42 0.00	20.55 1.33 0.00	22.35 1.46 0.00	24.48 1.76 -0.18	26.66 2.10 -0.69	29.23 2.29 0.00	30.58 2.42 0.00	30.54 2.18 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.08 2.90 0.00	37.04 2.29 0.00	32.82 1.71 0.00	31.79 1.97 0.00	29.80 2.10 0.00	27.17 1.90 0.00
ASTORIA_GT_11 24225	25.93 1.92 0.00	24.03 1.72 0.00	22.46 1.55 0.00	21.10 1.42 0.00	20.55 1.33 0.00	22.35 1.46 0.00	24.48 1.76 -0.18	26.66 2.10 -0.69	29.23 2.29 0.00	30.58 2.42 0.00	30.54 2.18 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.08 2.90 0.00	37.04 2.29 0.00	32.82 1.71 0.00	31.79 1.97 0.00	29.80 2.10 0.00	27.17 1.90 0.00
ASTORIA_GT_12 24226	25.93 1.92 0.00	24.03 1.72 0.00	22.46 1.55 0.00	21.10 1.42 0.00	20.55 1.33 0.00	22.35 1.46 0.00	24.48 1.76 -0.18	26.66 2.10 -0.69	29.23 2.29 0.00	30.58 2.42 0.00	30.54 2.18 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.08 2.90 0.00	37.04 2.29 0.00	32.82 1.71 0.00	31.79 1.97 0.00	29.80 2.10 0.00	27.17 1.90 0.00
ASTORIA_GT_13 24227	25.93 1.92 0.00	24.03 1.72 0.00	22.46 1.55 0.00	21.10 1.42 0.00	20.55 1.33 0.00	22.35 1.46 0.00	24.48 1.76 -0.18	26.66 2.10 -0.69	29.23 2.29 0.00	30.58 2.42 0.00	30.54 2.18 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.08 2.90 0.00	37.04 2.29 0.00	32.82 1.71 0.00	31.79 1.97 0.00	29.80 2.10 0.00	27.17 1.90 0.00
ASTORIA_GT_5 24106	25.99 1.97 -0.01	24.10 1.79 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.69 1.46 -0.01	22.58 1.69 0.00	24.62 1.89 -0.18	26.74 2.17 -0.69	29.30 2.37 0.01	30.63 2.48 0.01	30.59 2.24 0.01	32.19 2.39 0.01	32.73 2.34 0.01	34.44 2.32 0.01	34.62 2.35 0.01	33.90 2.28 0.01	40.10 3.14 0.01	42.46 3.07 -0.01	40.27 3.08 0.00	37.14 2.40 0.01	32.84 1.74 0.01	31.85 2.03 0.00	29.89 2.19 -0.01	27.28 2.00 -0.01
ASTORIA_GT_7 24107	25.99 1.97 -0.01	24.10 1.79 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.69 1.46 -0.01	22.58 1.69 0.00	24.62 1.89 -0.18	26.74 2.17 -0.69	29.30 2.37 0.01	30.63 2.48 0.01	30.59 2.24 0.01	32.19 2.39 0.01	32.73 2.34 0.01	34.44 2.32 0.01	34.62 2.35 0.01	33.90 2.28 0.01	40.10 3.14 0.01	42.46 3.07 -0.01	40.27 3.08 0.00	37.14 2.40 0.01	32.84 1.74 0.01	31.85 2.03 0.00	29.89 2.19 -0.01	27.28 2.00 -0.01
ASTORIA_GT_8 24108	25.98 1.97 0.00	24.09 1.78 0.00	22.54 1.63 0.00	21.18 1.50 0.00	20.65 1.42 0.00	22.48 1.59 0.00	24.62 1.89 -0.18	26.74 2.17 -0.69	29.28 2.34 0.00	30.62 2.48 0.02	30.59 2.24 0.00	32.23 2.41 0.00	32.80 2.40 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.90 2.28 0.00	40.07 3.11 0.00	42.61 3.23 0.00	40.27 3.09 0.00	37.11 2.36 0.00	32.85 1.74 0.00	31.85 2.03 0.00	29.91 2.22 0.00	27.27 2.00 0.00
ASTORIA___2 24149	25.94 1.92 -0.01	24.06 1.74 -0.01	22.64 1.72 -0.01	21.15 1.46 -0.01	20.67 1.44 -0.01	22.56 1.67 0.00	24.57 1.85 -0.18	26.70 2.12 -0.69	29.24 2.32 0.01	30.57 2.42 0.01	30.53 2.18 0.01	32.13 2.33 0.01	32.64 2.25 0.01	34.34 2.22 0.01	34.55 2.29 0.01	33.83 2.21 0.01	39.99 3.03 0.01	42.38 2.99 -0.01	40.16 2.98 0.00	37.07 2.33 0.01	32.78 1.68 0.01	31.79 1.97 0.00	29.83 2.13 -0.01	27.23 1.95 -0.01
ASTORIA___3 23516	25.94 1.92 -0.01	24.03 1.72 -0.01	22.59 1.67 -0.01	21.11 1.42 -0.01	20.60 1.37 -0.01	22.46 1.57 0.00	24.48 1.76 -0.18	26.67 2.10 -0.69	29.25 2.32 0.00	30.59 2.42 -0.01	30.54 2.18 0.00	32.17 2.35 0.00	32.68 2.28 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.03 3.07 0.00	42.50 3.11 -0.01	40.08 2.90 0.00	37.11 2.36 0.00	32.81 1.71 0.00	31.79 1.97 0.00	29.80 2.10 -0.01	27.18 1.90 -0.01
ASTORIA___4 23517	25.93 1.92 0.00	24.03 1.72 0.00	22.46 1.55 0.00	21.10 1.42 0.00	20.55 1.33 0.00	22.35 1.46 0.00	24.48 1.76 -0.18	26.66 2.10 -0.69	29.23 2.29 0.00	30.58 2.42 0.00	30.54 2.18 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.08 2.90 0.00	37.04 2.29 0.00	32.82 1.71 0.00	31.79 1.97 0.00	29.80 2.10 0.00	27.17 1.90 0.00
ASTORIA___5 23518	25.91 1.90 -0.01	24.03 1.72 -0.01	22.59 1.67 -0.01	21.11 1.42 -0.01	20.60 1.37 -0.01	22.46 1.57 0.00	24.48 1.76 -0.18	26.67 2.10 -0.69	29.25 2.32 0.00	30.59 2.42 -0.01	30.54 2.18 0.00	32.17 2.35 0.00	32.68 2.28 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.03 3.07 0.00	42.50 3.11 -0.01	40.08 2.90 0.00	37.11 2.36 0.00	32.81 1.71 0.00	31.79 1.97 0.00	29.80 2.10 -0.01	27.18 1.90 -0.01
AST_ENERGY_2_CC3 323677	25.76 1.75 0.00	23.87 1.56 0.00	22.44 1.53 0.00	20.99 1.30 0.00	20.46 1.23 0.00	22.33 1.44 0.00	24.37 1.64 -0.18	26.52 1.96 -0.69	29.12 2.18 0.00	30.41 2.25 0.00	30.40 2.04 0.00	31.96 2.15 0.00	32.56 2.16 0.00	34.32 2.19 0.00	34.49 2.22 0.00	33.78 2.15 0.00	39.93 2.96 0.00	42.49 3.11 0.00	39.89 2.71 0.00	37.14 2.40 0.00	32.88 1.77 0.00	31.68 1.85 0.00	29.60 1.91 0.00	27.02 1.74 0.00
AST_ENERGY_2_CC4 323678	25.76 1.75 0.00	23.87 1.56 0.00	22.44 1.53 0.00	20.99 1.30 0.00	20.46 1.23 0.00	22.33 1.44 0.00	24.37 1.64 -0.18	26.52 1.96 -0.69	29.12 2.18 0.00	30.41 2.25 0.00	30.40 2.04 0.00	31.96 2.15 0.00	32.56 2.16 0.00	34.32 2.19 0.00	34.49 2.22 0.00	33.78 2.15 0.00	39.93 2.96 0.00	42.49 3.11 0.00	39.89 2.71 0.00	37.14 2.40 0.00	32.88 1.77 0.00	31.68 1.85 0.00	29.60 1.91 0.00	27.02 1.74 0.00
ATHENS_STG_1 23668	25.11 1.11 0.00	23.36 1.05 0.00	21.94 1.02 0.00	20.55 0.87 0.00	20.05 0.83 0.00	21.87 0.98 0.00	23.85 1.10 -0.20	25.84 1.19 -0.77	28.28 1.35 0.00	29.54 1.38 0.00	29.63 1.28 0.00	31.07 1.25 0.00	31.62 1.22 0.00	33.42 1.29 0.00	33.56 1.29 0.00	32.89 1.27 0.00	38.59 1.62 0.00	41.11 1.73 0.00	38.74 1.56 0.00	36.17 1.43 0.00	32.22 1.12 0.00	30.93 1.10 0.00	28.86 1.16 0.00	26.34 1.06 0.00
ATHENS_STG_2 23670	25.11 1.11 0.00	23.36 1.05 0.00	21.94 1.02 0.00	20.55 0.87 0.00	20.05 0.83 0.00	21.87 0.98 0.00	23.85 1.10 -0.20	25.84 1.19 -0.77	28.28 1.35 0.00	29.54 1.38 0.00	29.63 1.28 0.00	31.07 1.25 0.00	31.62 1.22 0.00	33.42 1.29 0.00	33.56 1.29 0.00	32.89 1.27 0.00	38.59 1.62 0.00	41.11 1.73 0.00	38.74 1.56 0.00	36.17 1.43 0.00	32.22 1.12 0.00	30.93 1.10 0.00	28.86 1.16 0.00	26.34 1.06 0.00

ATHENS_STG_3 23677	25.11 1.11 0.00	23.36 1.05 0.00	21.94 1.02 0.00	20.55 0.87 0.00	20.05 0.83 0.00	21.87 0.98 0.00	23.85 1.10 -0.20	25.84 1.19 -0.77	28.28 1.35 0.00	29.54 1.38 0.00	29.63 1.28 0.00	31.07 1.25 0.00	31.62 1.22 0.00	33.42 1.29 0.00	33.56 1.29 0.00	32.89 1.27 0.00	38.59 1.62 0.00	41.11 1.73 0.00	38.74 1.56 0.00	36.17 1.43 0.00	32.22 1.12 0.00	30.93 1.10 0.00	28.86 1.16 0.00	26.34 1.06 0.00
AUBURN___LFGE 323710	25.01 0.53 -0.47	23.00 0.51 -0.18	21.31 0.40 0.00	20.00 0.31 0.00	19.53 0.31 0.00	21.29 0.40 0.00	23.26 0.47 -0.24	24.84 0.48 -0.49	28.09 0.51 -0.65	29.41 0.59 -0.66	29.74 0.68 -0.70	31.43 0.69 -0.93	31.88 0.70 -0.79	33.05 0.80 -0.11	33.14 0.87 0.00	32.48 0.85 0.00	37.82 0.85 0.00	40.21 0.83 0.00	38.17 0.82 -0.17	35.58 0.83 0.00	32.01 0.90 0.00	30.75 0.92 0.00	28.33 0.64 0.00	25.89 0.56 -0.06
BABYLON_RES_REC 323704	28.78 2.62 -2.15	24.70 2.39 0.00	23.13 2.22 0.00	21.56 1.87 0.00	21.07 1.85 0.00	23.70 2.19 -0.62	26.08 2.48 -1.06	27.68 2.77 -1.03	29.87 2.94 0.00	30.75 2.59 0.00	30.74 2.38 0.00	32.14 2.33 0.00	33.10 2.70 0.00	35.25 3.12 0.00	35.50 3.23 0.00	34.82 3.19 0.00	41.76 4.03 -0.77	43.90 4.25 -0.27	41.93 3.90 -0.84	38.33 3.58 0.00	34.00 2.89 0.00	32.36 2.53 0.00	30.27 2.58 0.00	28.02 2.65 -0.10
BABYLON__69_KV_BK2 356345	29.14 2.98 -2.15	25.03 2.72 0.00	23.32 2.41 0.00	21.85 2.17 0.00	21.26 2.04 0.00	23.94 2.42 -0.62	26.43 2.82 -1.07	28.05 3.13 -1.04	29.98 3.04 0.00	31.06 2.90 0.00	31.05 2.69 0.00	32.80 2.98 0.00	33.68 3.28 0.00	35.80 3.66 0.00	36.05 3.78 0.00	35.36 3.73 0.00	43.75 4.62 -2.16	44.62 4.96 -0.28	43.41 4.50 -1.73	38.90 4.14 -0.01	34.57 3.45 -0.01	32.93 3.10 0.00	30.66 2.96 0.00	28.40 3.03 -0.10
BARON_WINDS___WT_PWR 323822	24.91 0.79 -0.11	22.97 0.62 -0.04	21.44 0.52 0.00	20.00 0.31 0.00	19.63 0.40 0.00	21.35 0.46 0.00	23.10 0.47 -0.08	24.29 0.19 -0.23	27.42 0.35 -0.14	28.66 0.37 -0.14	28.96 0.45 -0.15	30.67 0.66 -0.20	31.36 0.79 -0.17	32.80 0.64 -0.02	33.04 0.77 0.00	32.38 0.76 0.00	37.49 0.52 0.00	39.85 0.47 0.00	37.85 0.63 -0.04	35.41 0.66 0.00	32.16 1.06 0.00	30.96 1.13 0.00	28.50 0.80 0.00	26.12 0.83 -0.01
BARRETT_IC_1 23704	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_10 23701	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_11 23702	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_12 23703	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_2 23705	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_3 23706	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_4 23707	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_5 23708	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_6 23709	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_7 23710	28.34 2.18 -2.15	24.32 2.01 0.00	22.71 1.80 0.00	21.30 1.61 0.00	20.72 1.50 0.00	23.29 1.78 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.09 2.15 0.00	30.19 2.03 0.00	30.17 1.81 0.00	31.78 1.97 0.00	32.59 2.19 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.13 2.50 0.00	40.22 3.25 0.00	43.11 3.47 -0.27	40.70 3.09 -0.44	37.49 2.75 0.00	33.28 2.18 0.00	31.76 1.94 0.00	29.80 2.10 0.00	27.47 2.10 -0.10

BARRETT_IC_8 23711	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT_IC_9 23700	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT___1 23545	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BARRETT___2 23546	28.34 2.18 -2.15	24.32 2.01 0.00	22.82 1.90 0.00	21.30 1.61 0.00	20.78 1.56 0.00	23.37 1.86 -0.62	25.65 2.05 -1.05	27.15 2.24 -1.03	29.28 2.34 0.00	30.24 2.08 0.00	30.25 1.90 0.00	31.66 1.85 0.00	32.56 2.16 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.12 2.50 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.70 3.08 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
BATAVIA___115KV_TB1 55881	24.99 0.98 0.00	23.11 0.80 0.00	21.54 0.63 0.00	20.16 0.47 0.00	19.74 0.52 0.00	21.43 0.54 0.00	23.11 0.54 -0.02	24.33 0.36 -0.09	27.29 0.35 0.00	28.44 0.28 0.00	28.81 0.45 0.00	30.41 0.60 0.00	31.16 0.76 0.00	32.84 0.71 0.00	32.98 0.71 0.00	32.26 0.63 0.00	37.26 0.30 0.00	39.66 0.28 0.00	37.81 0.63 0.00	35.48 0.73 0.00	32.29 1.18 0.00	30.93 1.10 0.00	28.58 0.89 0.00	26.24 0.96 0.00
BAYONEEC___CTG1 323682	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG10 323750	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG2 323683	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG3 323684	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG4 323685	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG5 323686	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG6 323687	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG7 323688	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG8 323689	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00
BAYONEEC___CTG9 323749	25.79 1.78 0.00	23.89 1.58 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.63 1.94 0.00	27.04 1.77 0.00

BEACON___LESR 323632	24.64 0.91 0.28	23.13 0.83 0.00	21.75 0.84 0.00	20.38 0.69 0.00	19.90 0.67 0.00	21.71 0.81 0.00	23.55 0.97 -0.04	20.28 0.98 4.58	28.06 1.16 0.03	29.29 1.13 0.00	29.43 1.08 0.00	30.89 1.07 0.00	31.43 1.03 0.00	33.29 1.16 0.00	33.40 1.13 0.00	32.70 1.08 0.00	38.30 1.33 0.00	40.88 1.50 0.00	38.56 1.38 0.00	36.04 1.29 0.00	32.16 1.06 0.00	30.81 0.98 0.00	28.66 0.97 0.00	26.14 0.86 0.00
BEAVER RIVER___HYD 24048	24.65 0.38 -0.25	22.76 0.36 -0.10	21.16 0.25 0.00	19.94 0.26 0.00	19.42 0.19 0.00	21.06 0.17 0.00	22.87 0.20 -0.12	24.33 0.21 -0.24	27.44 0.16 -0.34	28.73 0.22 -0.35	28.92 0.20 -0.37	30.57 0.27 -0.49	31.08 0.27 -0.41	32.45 0.26 -0.06	32.46 0.19 0.00	31.85 0.22 0.00	37.19 0.22 0.00	39.66 0.28 0.00	37.64 0.37 -0.09	35.27 0.52 0.00	31.63 0.53 0.00	30.42 0.60 0.00	28.05 0.36 0.00	25.69 0.38 -0.03
BEEBEE_GT_13 23619	24.59 0.58 0.00	22.78 0.47 0.00	21.23 0.31 0.00	19.88 0.20 0.00	19.44 0.21 0.00	21.14 0.25 0.00	22.84 0.27 -0.02	24.20 0.24 -0.08	27.10 0.16 0.00	28.30 0.14 0.00	28.67 0.31 0.00	30.17 0.36 0.00	30.85 0.46 0.00	32.62 0.48 0.00	32.75 0.48 0.00	32.10 0.47 0.00	37.23 0.26 0.00	39.54 0.16 0.00	37.52 0.33 0.00	35.13 0.38 0.00	31.82 0.72 0.00	30.48 0.66 0.00	28.19 0.50 0.00	25.81 0.53 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.17 2.16 0.00	24.25 1.94 0.00	22.65 1.74 0.00	21.26 1.57 0.00	20.68 1.46 0.00	22.48 1.59 0.00	24.60 1.87 -0.18	26.83 2.27 -0.69	29.47 2.53 0.00	30.89 2.73 0.00	30.82 2.47 0.00	32.54 2.71 -0.01	33.10 2.71 0.00	34.77 2.64 0.00	34.98 2.71 0.00	34.25 2.63 0.00	40.52 3.55 0.00	43.08 3.70 0.00	40.53 3.35 0.00	37.46 2.71 0.00	33.16 2.05 0.00	32.15 2.33 0.00	30.10 2.41 0.00	27.42 2.15 0.00
BETHLEHEM___GRP 23843	24.31 0.55 0.25	22.84 0.54 0.00	21.39 0.48 0.00	20.12 0.43 0.00	19.61 0.38 0.00	21.35 0.46 0.00	23.24 0.63 -0.06	20.50 0.62 4.00	27.63 0.73 0.03	28.83 0.68 0.00	28.98 0.62 0.00	30.41 0.60 0.00	30.95 0.55 0.00	32.75 0.61 0.00	32.85 0.58 0.00	32.20 0.57 0.00	37.67 0.70 0.00	40.21 0.83 0.00	37.93 0.74 0.00	35.44 0.69 0.00	31.63 0.53 0.00	30.30 0.48 0.00	28.22 0.53 0.00	25.73 0.45 0.00
BETHLEHEM___GS1 323560	24.31 0.55 0.25	22.84 0.53 0.00	21.46 0.54 0.00	20.12 0.43 0.00	19.65 0.42 0.00	21.41 0.52 0.00	23.24 0.63 -0.06	20.50 0.62 4.00	27.63 0.73 0.03	28.83 0.67 0.00	28.98 0.62 0.00	30.38 0.57 0.00	30.91 0.52 0.00	32.75 0.61 0.00	32.85 0.58 0.00	32.20 0.57 0.00	37.67 0.70 0.00	40.21 0.83 0.00	37.92 0.74 0.00	35.44 0.69 0.00	31.63 0.53 0.00	30.30 0.48 0.00	28.22 0.52 0.00	25.73 0.46 0.00
BETHLEHEM___GS2 323561	24.31 0.55 0.25	22.84 0.53 0.00	21.46 0.54 0.00	20.12 0.43 0.00	19.65 0.42 0.00	21.41 0.52 0.00	23.24 0.63 -0.06	20.50 0.62 4.00	27.63 0.73 0.03	28.83 0.67 0.00	28.98 0.62 0.00	30.38 0.57 0.00	30.91 0.52 0.00	32.75 0.61 0.00	32.85 0.58 0.00	32.20 0.57 0.00	37.67 0.70 0.00	40.21 0.83 0.00	37.92 0.74 0.00	35.44 0.69 0.00	31.63 0.53 0.00	30.30 0.48 0.00	28.22 0.52 0.00	25.73 0.46 0.00
BETHLEHEM___GS3 323562	24.31 0.55 0.25	22.84 0.53 0.00	21.46 0.54 0.00	20.12 0.43 0.00	19.65 0.42 0.00	21.41 0.52 0.00	23.24 0.63 -0.06	20.50 0.62 4.00	27.63 0.73 0.03	28.83 0.67 0.00	28.98 0.62 0.00	30.38 0.57 0.00	30.91 0.52 0.00	32.75 0.61 0.00	32.85 0.58 0.00	32.20 0.57 0.00	37.67 0.70 0.00	40.21 0.83 0.00	37.92 0.74 0.00	35.44 0.69 0.00	31.63 0.53 0.00	30.30 0.48 0.00	28.22 0.52 0.00	25.73 0.46 0.00
BETHLEHEM___STEEL 23779	24.85 0.84 0.00	22.91 0.60 0.00	21.37 0.46 0.00	19.96 0.28 0.00	19.57 0.35 0.00	21.25 0.36 0.00	22.87 0.29 -0.03	23.91 -0.07 -0.11	27.04 0.11 0.00	28.24 0.08 0.00	28.55 0.20 0.00	30.17 0.36 0.00	30.92 0.52 0.00	32.59 0.45 0.00	32.79 0.52 0.00	32.10 0.47 0.00	37.04 0.07 0.00	39.30 -0.08 0.00	37.33 0.15 0.00	35.06 0.31 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.22 0.53 0.00	26.01 0.73 0.00
BETHLHEM_115KV_TB1 79974	24.40 0.62 0.23	22.91 0.60 0.00	21.46 0.54 0.00	20.18 0.49 0.00	19.67 0.44 0.00	21.41 0.52 0.00	23.29 0.68 -0.07	20.92 0.69 3.65	27.69 0.78 0.03	28.92 0.76 0.00	29.04 0.68 0.00	30.50 0.69 0.00	31.04 0.64 0.00	32.84 0.71 0.00	32.95 0.68 0.00	32.29 0.66 0.00	37.78 0.81 0.00	40.32 0.95 0.00	38.04 0.86 0.00	35.51 0.76 0.00	31.73 0.62 0.00	30.39 0.57 0.00	28.30 0.61 0.00	25.81 0.53 0.00
BETHPAGE_CC_5 323564	28.51 2.35 -2.15	24.45 2.14 0.00	22.92 2.01 0.00	21.38 1.69 0.00	20.88 1.65 0.00	23.50 1.99 -0.62	25.85 2.25 -1.06	27.41 2.51 -1.03	29.63 2.69 0.00	30.55 2.39 0.00	30.57 2.21 0.00	31.93 2.12 0.00	32.83 2.43 0.00	34.90 2.76 0.00	35.14 2.87 0.00	34.44 2.81 0.00	40.96 3.62 -0.37	43.43 3.78 -0.27	41.15 3.42 -0.55	37.88 3.13 0.00	33.60 2.49 0.00	32.03 2.21 0.00	30.02 2.33 0.00	27.82 2.45 -0.10
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.90 0.89 0.00	22.95 0.65 0.00	21.42 0.50 0.00	20.00 0.31 0.00	19.61 0.38 0.00	21.29 0.40 0.00	22.93 0.36 -0.03	23.89 -0.10 -0.11	27.12 0.19 0.00	28.33 0.17 0.00	28.67 0.31 0.00	30.26 0.45 0.00	31.01 0.61 0.00	32.72 0.58 0.00	32.92 0.65 0.00	32.23 0.60 0.00	37.19 0.22 0.00	39.50 0.12 0.00	37.48 0.30 0.00	35.20 0.45 0.00	32.01 0.90 0.00	30.69 0.86 0.00	28.30 0.61 0.00	26.08 0.81 0.00
BINGHAMTON___COGEN 23790	24.78 0.58 -0.20	22.90 0.51 -0.08	21.31 0.40 0.00	20.00 0.31 0.00	19.53 0.31 0.00	21.27 0.38 0.00	23.16 0.47 -0.14	24.61 0.36 -0.37	27.66 0.46 -0.27	28.91 0.48 -0.28	29.19 0.54 -0.29	30.83 0.63 -0.39	31.43 0.70 -0.33	32.86 0.67 -0.05	33.01 0.74 0.00	32.35 0.73 0.00	37.71 0.74 0.00	40.13 0.75 0.00	37.96 0.71 -0.07	35.48 0.73 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.27 0.58 0.00	25.88 0.58 -0.02
BIXINCNT_115KV_LOAD 355685	24.95 0.94 0.00	22.95 0.65 0.00	21.44 0.52 0.00	20.02 0.33 0.00	19.67 0.44 0.00	21.37 0.48 0.00	23.05 0.47 -0.03	23.90 -0.10 -0.11	27.34 0.40 0.00	28.58 0.42 0.00	28.89 0.54 0.00	30.50 0.69 0.00	31.19 0.79 0.00	32.84 0.71 0.00	33.01 0.74 0.00	32.32 0.70 0.00	37.30 0.33 0.00	39.62 0.24 0.00	37.55 0.37 0.00	35.27 0.52 0.00	32.19 1.09 0.00	30.93 1.10 0.00	28.47 0.78 0.00	26.26 0.99 0.00
BLACK RIVER___HYD 24047	25.09 0.65 -0.43	23.07 0.60 -0.16	21.37 0.46 0.00	20.12 0.43 0.00	19.57 0.35 0.00	21.29 0.40 0.00	23.24 0.50 -0.20	24.75 0.48 -0.39	27.91 0.40 -0.57	29.22 0.48 -0.59	29.40 0.43 -0.62	31.11 0.48 -0.82	31.58 0.48 -0.69	32.72 0.48 -0.10	32.69 0.42 0.00	32.10 0.48 0.00	37.52 0.56 0.00	40.01 0.63 0.00	38.04 0.70 -0.15	35.72 0.97 0.00	32.07 0.97 0.00	30.81 0.98 0.00	28.36 0.66 0.00	25.93 0.61 -0.05

BLACKRVR_115KV_TB2 79977	25.09 0.65 -0.43	23.07 0.60 -0.16	21.37 0.46 0.00	20.12 0.43 0.00	19.61 0.38 0.00	21.29 0.40 0.00	23.24 0.50 -0.20	24.75 0.48 -0.39	27.91 0.40 -0.57	29.22 0.48 -0.59	29.40 0.43 -0.62	31.12 0.48 -0.82	31.58 0.49 -0.69	32.72 0.48 -0.10	32.69 0.42 0.00	32.10 0.47 0.00	37.52 0.55 0.00	40.01 0.63 0.00	38.04 0.71 -0.15	35.72 0.97 0.00	32.07 0.96 0.00	30.72 0.89 0.00	28.36 0.66 0.00	25.94 0.61 -0.05
BLISS_WT_PWR 323608	24.92 0.91 0.00	22.93 0.62 0.00	21.50 0.58 0.00	20.00 0.31 0.00	19.70 0.48 0.00	21.41 0.52 0.00	23.03 0.45 -0.03	23.87 -0.12 -0.11	27.34 0.40 0.00	28.64 0.48 0.00	28.89 0.54 0.00	30.59 0.77 0.00	31.28 0.88 0.00	32.84 0.71 0.00	32.98 0.71 0.00	32.29 0.67 0.00	37.19 0.22 0.00	39.58 0.20 0.00	37.52 0.33 0.00	35.10 0.35 0.00	32.16 1.06 0.00	31.02 1.19 0.00	28.52 0.83 0.00	26.29 1.01 0.00
BLUE_CIRC_CHEM_DRP 24182	24.78 0.94 0.17	23.18 0.87 0.00	21.73 0.82 0.00	20.43 0.75 0.00	19.92 0.69 0.00	21.69 0.79 0.00	23.63 0.97 -0.12	22.52 0.98 2.33	28.05 1.13 0.02	29.26 1.10 0.00	29.38 1.02 0.00	30.83 1.01 0.00	31.37 0.97 0.00	33.20 1.06 0.00	33.30 1.03 0.00	32.64 1.01 0.00	38.19 1.22 0.00	40.72 1.34 0.00	38.45 1.26 0.00	35.93 1.18 0.00	32.13 1.03 0.00	30.81 0.98 0.00	28.66 0.97 0.00	26.16 0.88 0.00
BOC_GAS_DRP 24189	24.67 0.79 0.13	23.07 0.76 0.00	21.60 0.69 0.00	20.32 0.63 0.00	19.82 0.60 0.00	21.56 0.67 0.00	23.52 0.83 -0.14	23.05 0.86 1.69	27.89 0.97 0.02	29.12 0.96 0.00	29.23 0.88 0.00	30.71 0.89 0.00	31.25 0.85 0.00	33.07 0.93 0.00	33.21 0.94 0.00	32.51 0.89 0.00	38.08 1.11 0.00	40.60 1.22 0.00	38.30 1.12 0.00	35.76 1.01 0.00	31.91 0.81 0.00	30.63 0.81 0.00	28.52 0.83 0.00	26.01 0.73 0.00
BOONVILLE_115KV_TB1 79983	24.66 0.53 -0.12	22.84 0.49 -0.05	21.31 0.40 0.00	20.04 0.35 0.00	19.55 0.33 0.00	21.27 0.38 0.00	23.08 0.47 -0.06	24.53 0.53 -0.12	27.67 0.57 -0.16	28.97 0.65 -0.17	29.19 0.65 -0.18	30.86 0.80 -0.24	31.39 0.79 -0.20	32.90 0.74 -0.03	32.98 0.71 0.00	32.32 0.70 0.00	37.74 0.78 0.00	40.21 0.83 -0.04	38.08 0.86 0.00	35.62 0.87 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.33 0.64 0.00	25.85 0.56 -0.02
BORALEX_4TH_BRANCH 23824	25.81 1.39 -0.41	23.67 1.36 0.00	22.21 1.30 0.00	20.85 1.16 0.00	20.38 1.15 0.00	22.23 1.34 0.00	24.57 1.51 -0.51	34.14 1.43 -8.83	28.60 1.62 -0.05	29.76 1.60 0.00	29.86 1.50 0.00	31.30 1.49 0.00	31.83 1.43 0.00	33.77 1.64 0.00	33.85 1.58 0.00	33.14 1.52 0.00	38.74 1.77 0.00	41.27 1.89 0.00	39.04 1.86 0.00	36.49 1.74 0.00	32.60 1.49 0.00	31.20 1.37 0.00	29.05 1.36 0.00	26.49 1.21 0.00
BOWLINE___1 23526	25.52 1.51 0.00	23.69 1.38 0.00	22.27 1.36 0.00	20.83 1.14 0.00	20.32 1.10 0.00	22.17 1.27 0.00	24.18 1.46 -0.17	26.18 1.65 -0.66	28.79 1.86 0.00	30.07 1.92 0.00	30.14 1.79 0.00	31.69 1.88 0.00	32.31 1.92 0.00	34.10 1.96 0.00	34.30 2.03 0.00	33.59 1.96 0.00	39.59 2.63 0.00	42.18 2.80 0.00	39.60 2.42 0.00	36.90 2.16 0.00	32.81 1.71 0.00	31.49 1.67 0.00	29.33 1.63 0.00	26.77 1.49 0.00
BOWLINE___2 23595	25.52 1.51 0.00	23.69 1.38 0.00	22.27 1.36 0.00	20.83 1.14 0.00	20.32 1.10 0.00	22.17 1.27 0.00	24.18 1.46 -0.17	26.18 1.65 -0.66	28.79 1.86 0.00	30.07 1.92 0.00	30.14 1.79 0.00	31.69 1.88 0.00	32.31 1.92 0.00	34.10 1.96 0.00	34.30 2.03 0.00	33.59 1.96 0.00	39.59 2.63 0.00	42.18 2.80 0.00	39.60 2.42 0.00	36.90 2.16 0.00	32.81 1.71 0.00	31.49 1.67 0.00	29.35 1.66 0.00	26.77 1.49 0.00
BRADY___115KV_TB2 356060	23.84 -0.17 0.00	22.15 -0.16 0.00	20.83 -0.08 0.00	19.67 -0.02 0.00	19.32 0.10 0.00	20.70 -0.19 0.00	22.14 -0.41 0.00	23.42 -0.45 0.00	26.45 -0.48 0.00	27.71 -0.45 0.00	27.96 -0.40 0.00	29.43 -0.39 0.00	30.06 -0.33 0.00	31.75 -0.39 0.00	31.82 -0.45 0.00	31.22 -0.41 0.00	36.45 -0.52 0.00	38.91 -0.47 0.00	36.85 -0.33 0.00	34.47 -0.28 0.00	30.86 -0.25 0.00	29.56 -0.27 0.00	27.42 -0.28 0.00	25.17 -0.10 0.00
BRANSCOMB___SOLAR 323811	26.00 1.68 -0.31	23.83 1.52 0.00	22.38 1.46 0.00	20.97 1.28 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.66 1.67 -0.45	32.46 1.70 -6.89	28.97 1.99 -0.04	30.16 2.00 0.00	30.25 1.90 0.00	31.60 1.79 0.00	32.07 1.67 0.00	34.06 1.93 0.00	34.11 1.84 0.00	33.43 1.80 0.00	39.07 2.11 0.00	41.70 2.32 0.00	39.49 2.31 0.00	36.97 2.23 0.00	33.16 2.05 0.00	31.71 1.88 0.00	29.49 1.80 0.00	26.89 1.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.04 2.88 -2.15	24.96 2.65 0.00	23.26 2.34 0.00	21.79 2.11 0.00	21.20 1.98 0.00	23.87 2.36 -0.62	26.34 2.73 -1.07	27.93 3.01 -1.04	29.84 2.91 0.00	30.89 2.73 0.00	30.85 2.50 0.00	32.56 2.74 0.00	33.41 3.01 0.00	35.54 3.41 0.00	35.79 3.52 0.00	35.08 3.45 0.00	46.01 4.33 -4.72	44.23 4.57 -0.28	43.06 4.13 -1.75	38.62 3.86 -0.01	34.32 3.20 -0.01	32.69 2.86 0.00	30.46 2.77 0.00	28.25 2.88 -0.10
BRISTLHL_115KV_TB1 79998	24.69 -0.26 -0.94	22.42 -0.25 -0.36	20.62 -0.29 0.00	19.39 -0.30 0.00	18.94 -0.29 0.00	20.60 -0.29 0.00	22.68 -0.29 -0.43	24.38 -0.33 -0.83	27.76 -0.43 -1.25	28.99 -0.45 -1.29	29.32 -0.40 -1.36	31.27 -0.36 -1.81	31.59 -0.33 -1.52	31.90 -0.45 -0.22	31.85 -0.42 0.00	31.25 -0.38 0.00	36.45 -0.52 0.00	38.75 -0.63 0.00	36.95 -0.56 -0.33	34.30 -0.45 0.00	30.79 -0.31 0.00	29.53 -0.30 0.00	27.36 -0.33 0.00	25.09 -0.30 -0.12
BROOKHAVEN___DRP 24191	29.15 2.98 -2.16	25.04 2.72 -0.01	23.34 2.43 0.00	21.85 2.17 0.00	21.26 2.04 0.00	23.94 2.42 -0.63	26.47 2.82 -1.11	28.07 3.10 -1.09	29.66 2.72 0.00	30.75 2.59 0.00	30.57 2.21 0.00	32.35 2.53 0.00	33.16 2.77 0.00	35.33 3.18 -0.01	35.57 3.29 -0.01	34.86 3.23 -0.01	44.85 4.07 -3.81	44.07 4.37 -0.32	47.84 3.94 -6.72	38.42 3.61 -0.06	34.13 2.99 -0.04	32.54 2.71 0.00	30.18 2.49 0.00	28.08 2.70 -0.10
BROOKLYN_NAVY_YARD 23515	25.79 1.78 0.00	23.91 1.61 0.00	22.46 1.55 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.42 1.69 -0.18	26.59 2.03 -0.69	29.20 2.26 0.00	30.49 2.34 0.00	30.42 2.07 0.00	31.99 2.18 0.00	32.56 2.16 0.00	34.32 2.19 0.00	34.53 2.26 0.00	33.81 2.18 0.00	40.00 3.03 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.91 1.80 0.00	31.74 1.91 0.00	29.69 2.00 0.00	27.07 1.79 0.00
BROOKLYN___ARMY_DRP 323595	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00



BROOKVLE_69_KV_TB1 55790	28.42 2.26 -2.15	24.36 2.05 0.00	22.73 1.82 0.00	21.32 1.63 0.00	20.76 1.54 0.00	23.31 1.80 -0.62	25.74 2.14 -1.05	27.32 2.41 -1.03	29.44 2.51 0.00	30.64 2.48 0.00	30.74 2.38 0.00	32.32 2.50 0.00	33.07 2.68 0.00	35.00 2.86 0.00	35.24 2.97 0.00	34.50 2.88 0.00	40.63 3.66 0.00	43.54 3.90 -0.27	41.11 3.50 -0.44	37.84 3.09 0.00	33.59 2.49 0.00	32.12 2.30 0.00	30.07 2.38 0.00	27.65 2.27 -0.10
BROOME_2_LFGE 323671	24.78 0.58 -0.20	22.90 0.51 -0.08	21.35 0.44 0.00	20.00 0.31 0.00	19.57 0.35 0.00	21.29 0.40 0.00	23.16 0.47 -0.14	24.61 0.36 -0.37	27.66 0.46 -0.27	28.91 0.48 -0.28	29.18 0.54 -0.29	30.86 0.66 -0.39	31.45 0.73 -0.33	32.86 0.68 -0.05	33.01 0.74 0.00	32.35 0.73 0.00	37.71 0.74 0.00	40.13 0.75 0.00	37.96 0.70 -0.07	35.44 0.69 0.00	31.91 0.81 0.00	30.63 0.81 0.00	28.30 0.61 0.00	25.88 0.58 -0.02
BROOME___LFGE 323600	24.78 0.58 -0.20	22.90 0.51 -0.08	21.35 0.44 0.00	20.00 0.31 0.00	19.57 0.35 0.00	21.29 0.40 0.00	23.16 0.47 -0.14	24.61 0.36 -0.37	27.66 0.46 -0.27	28.91 0.48 -0.28	29.18 0.54 -0.29	30.86 0.66 -0.39	31.45 0.73 -0.33	32.86 0.68 -0.05	33.01 0.74 0.00	32.35 0.73 0.00	37.71 0.74 0.00	40.13 0.75 0.00	37.96 0.70 -0.07	35.44 0.69 0.00	31.91 0.81 0.00	30.63 0.81 0.00	28.30 0.61 0.00	25.88 0.58 -0.02
BROWNFLS_115KV_TB_3_5 80003	24.18 0.00 -0.18	22.37 0.00 -0.07	20.91 0.00 0.00	19.71 0.02 0.00	19.26 0.04 0.00	20.68 -0.21 0.00	22.31 -0.32 -0.08	23.68 -0.36 -0.16	26.76 -0.40 -0.23	28.03 -0.37 -0.24	28.27 -0.34 -0.25	29.82 -0.33 -0.34	30.38 -0.30 -0.28	31.82 -0.35 -0.04	31.85 -0.42 0.00	31.25 -0.38 0.00	36.49 -0.48 0.00	38.95 -0.43 0.00	36.95 -0.30 -0.06	34.58 -0.17 0.00	30.98 -0.12 0.00	29.68 -0.15 0.00	27.50 -0.19 0.00	25.30 0.00 -0.02
BROWNSV1_27_KV_LOAD 356125	26.03 2.02 0.00	24.11 1.81 0.00	22.54 1.63 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.42 1.53 0.00	24.62 1.89 -0.18	26.78 2.22 -0.69	29.41 2.48 0.00	30.75 2.59 0.00	30.74 2.38 0.00	32.38 2.56 0.00	32.95 2.55 0.00	34.71 2.57 0.00	34.88 2.61 0.00	34.19 2.56 0.00	40.37 3.40 0.00	43.00 3.62 0.00	40.38 3.20 0.00	37.53 2.78 0.00	33.25 2.15 0.00	32.06 2.24 0.00	29.94 2.24 0.00	27.30 2.02 0.00
BURROWS___LYONSDAL 23803	24.68 0.53 -0.15	22.83 0.47 -0.06	21.29 0.38 0.00	20.04 0.35 0.00	19.55 0.33 0.00	21.23 0.33 0.00	23.04 0.43 -0.07	24.50 0.48 -0.15	27.65 0.51 -0.20	28.95 0.59 -0.20	29.14 0.57 -0.22	30.79 0.69 -0.29	31.34 0.70 -0.24	32.81 0.64 -0.03	32.88 0.61 0.00	32.26 0.63 0.00	37.63 0.67 0.00	40.09 0.71 0.00	37.98 0.74 -0.05	35.58 0.83 0.00	31.88 0.78 0.00	30.57 0.75 0.00	28.27 0.58 0.00	25.82 0.53 -0.02
CAITHNESS_CC_1 323624	29.05 2.88 -2.16	24.97 2.65 -0.01	23.38 2.47 0.00	21.77 2.09 0.00	21.30 2.08 0.00	23.96 2.44 -0.63	26.40 2.75 -1.11	28.00 3.03 -1.09	30.03 3.10 0.00	30.75 2.59 0.00	30.62 2.27 0.00	32.02 2.21 0.00	33.07 2.68 0.00	35.26 3.12 -0.01	35.51 3.23 -0.01	34.80 3.16 -0.01	44.76 3.99 -3.80	43.92 4.22 -0.32	47.73 3.87 -6.68	38.42 3.61 -0.06	34.08 2.92 -0.06	32.42 2.59 0.00	30.16 2.46 0.00	28.05 2.68 -0.10
CALPINE BETH_PAGE_GT4 24209	28.46 2.30 -2.15	24.40 2.10 0.00	22.75 1.84 0.00	21.34 1.65 0.00	20.76 1.54 0.00	23.35 1.84 -0.62	25.79 2.19 -1.06	27.37 2.46 -1.03	29.36 2.42 0.00	30.35 2.20 0.00	30.37 2.01 0.00	32.02 2.21 0.00	32.80 2.40 0.00	34.84 2.70 0.00	35.08 2.81 0.00	34.38 2.75 0.00	40.70 3.47 -0.26	43.39 3.74 -0.27	41.05 3.35 -0.52	37.74 2.99 0.00	33.53 2.43 0.00	32.00 2.18 0.00	29.99 2.30 0.00	27.75 2.38 -0.10
CALPINE_BETH_PAGE_GT_4 323586	28.46 2.31 -2.15	24.40 2.10 0.00	22.88 1.97 0.00	21.34 1.65 0.00	20.84 1.62 0.00	23.45 1.94 -0.62	25.79 2.19 -1.06	27.37 2.46 -1.03	29.58 2.64 0.00	30.52 2.37 0.00	30.54 2.18 0.00	31.87 2.06 0.00	32.77 2.37 0.00	34.84 2.70 0.00	35.08 2.81 0.00	34.38 2.75 0.00	40.82 3.58 -0.27	43.39 3.74 -0.27	41.05 3.35 -0.52	37.77 3.02 0.00	33.53 2.43 0.00	31.94 2.12 0.00	29.99 2.30 0.00	27.75 2.38 -0.10
CALPINE_BP_GT1 23823	28.46 2.31 -2.15	24.40 2.10 0.00	22.88 1.97 0.00	21.34 1.65 0.00	20.84 1.62 0.00	23.45 1.94 -0.62	25.79 2.19 -1.06	27.37 2.46 -1.03	29.58 2.64 0.00	30.52 2.37 0.00	30.54 2.18 0.00	31.87 2.06 0.00	32.77 2.37 0.00	34.84 2.70 0.00	35.08 2.81 0.00	34.38 2.75 0.00	40.82 3.58 -0.27	43.39 3.74 -0.27	41.05 3.35 -0.52	37.77 3.02 0.00	33.53 2.43 0.00	31.94 2.12 0.00	29.99 2.30 0.00	27.75 2.38 -0.10
CALSPAN___DRP 24200	24.85 0.84 0.00	22.91 0.60 0.00	21.37 0.46 0.00	19.96 0.28 0.00	19.57 0.35 0.00	21.25 0.36 0.00	22.87 0.29 -0.03	23.91 -0.07 -0.11	27.04 0.11 0.00	28.24 0.08 0.00	28.55 0.20 0.00	30.17 0.36 0.00	30.92 0.52 0.00	32.59 0.45 0.00	32.79 0.52 0.00	32.10 0.47 0.00	37.04 0.07 0.00	39.30 -0.08 0.00	37.33 0.15 0.00	35.06 0.31 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.22 0.53 0.00	26.01 0.73 0.00
CALVERTON___SOLAR 323806	29.27 3.10 -2.16	25.17 2.86 -0.01	23.55 2.64 0.00	21.95 2.26 0.00	21.47 2.25 0.00	24.13 2.61 -0.63	26.61 2.95 -1.11	28.19 3.22 -1.09	30.25 3.31 0.00	30.92 2.76 0.00	30.74 2.38 0.00	32.17 2.35 0.00	33.26 2.86 0.00	35.49 3.34 -0.01	35.70 3.42 -0.01	35.02 3.39 -0.01	45.08 4.29 -3.83	44.23 4.53 -0.32	48.08 4.16 -6.73	38.70 3.89 -0.06	34.30 3.14 -0.06	32.66 2.83 0.00	30.27 2.58 0.00	28.18 2.81 -0.10
CANDIGU_WT_PWR 323617	24.91 0.79 -0.11	22.97 0.62 -0.04	21.44 0.52 0.00	20.00 0.31 0.00	19.63 0.40 0.00	21.35 0.46 0.00	23.10 0.47 -0.08	24.29 0.19 -0.23	27.42 0.35 -0.14	28.66 0.37 -0.14	28.96 0.45 -0.15	30.67 0.66 -0.20	31.36 0.79 -0.17	32.80 0.64 -0.02	33.04 0.77 0.00	32.38 0.76 0.00	37.49 0.52 0.00	39.85 0.47 0.00	37.85 0.63 -0.04	35.41 0.66 0.00	32.16 1.06 0.00	30.96 1.13 0.00	28.50 0.80 0.00	26.12 0.83 -0.01
CARR STREET_E_SYR 24060	24.22 -0.07 -0.28	22.35 -0.07 -0.11	20.81 -0.10 0.00	19.53 -0.16 0.00	19.09 -0.13 0.00	20.77 -0.12 0.00	22.57 -0.11 -0.14	24.01 -0.17 -0.30	27.03 -0.30 -0.39	28.25 -0.31 -0.40	28.55 -0.23 -0.42	30.20 -0.18 -0.56	30.72 -0.15 -0.47	31.98 -0.22 -0.07	32.11 -0.16 0.00	31.44 -0.19 0.00	36.63 -0.33 0.00	38.99 -0.39 0.00	36.91 -0.37 -0.10	34.47 -0.28 0.00	30.95 -0.15 0.00	29.71 -0.12 0.00	27.44 -0.25 0.00	25.08 -0.23 -0.03
CARTHAGE___PAPER 23857	24.88 0.50 -0.36	22.89 0.45 -0.14	21.25 0.33 0.00	20.00 0.31 0.00	19.47 0.25 0.00	21.14 0.25 0.00	23.05 0.34 -0.17	24.52 0.31 -0.33	27.66 0.24 -0.48	28.96 0.31 -0.49	29.13 0.25 -0.52	30.81 0.30 -0.69	31.29 0.30 -0.58	32.51 0.29 -0.08	32.50 0.23 0.00	31.91 0.28 0.00	37.26 0.29 0.00	39.81 0.43 0.00	37.83 0.52 -0.13	35.48 0.73 0.00	31.82 0.72 0.00	30.60 0.77 0.00	28.19 0.50 0.00	25.80 0.48 -0.04

CASSADAGA_WT_PWR 323784	25.59 1.58 0.00	23.56 1.25 0.00	21.90 0.98 0.00	20.39 0.71 0.00	20.07 0.84 0.00	21.79 0.90 0.00	23.54 0.97 -0.03	24.75 0.76 -0.11	28.04 1.10 0.00	29.40 1.24 0.00	29.69 1.33 0.00	31.33 1.52 0.00	32.07 1.67 0.00	33.74 1.61 0.00	33.95 1.68 0.00	33.27 1.64 0.00	38.30 1.33 0.00	40.76 1.38 0.00	38.67 1.49 0.00	36.28 1.53 0.00	33.19 2.08 0.00	32.00 2.18 0.00	29.33 1.63 0.00	26.94 1.67 0.00
CE_DUNWOOD___DRP 24194	25.69 1.68 0.00	23.82 1.52 0.00	22.29 1.38 0.00	20.95 1.26 0.00	20.40 1.17 0.00	22.21 1.32 0.00	24.35 1.62 -0.18	26.40 1.84 -0.68	28.98 2.05 0.00	30.30 2.14 0.00	30.34 1.98 0.00	31.93 2.12 0.00	32.56 2.16 0.00	34.32 2.19 0.00	34.50 2.23 0.00	33.78 2.15 0.00	39.81 2.85 0.00	42.41 3.03 0.00	39.86 2.68 0.00	37.11 2.36 0.00	32.97 1.87 0.00	31.67 1.85 0.00	29.52 1.83 0.00	26.92 1.64 0.00
CE_MILLWOOD___DRP 24193	25.62 1.61 0.00	23.78 1.47 0.00	22.25 1.34 0.00	20.91 1.22 0.00	20.36 1.13 0.00	22.17 1.27 0.00	24.28 1.56 -0.18	26.32 1.77 -0.68	28.90 1.97 0.00	30.24 2.08 0.00	30.28 1.93 0.00	31.87 2.06 0.00	32.47 2.07 0.00	34.26 2.12 0.00	34.43 2.16 0.00	33.71 2.09 0.00	39.74 2.77 0.00	42.33 2.95 0.00	39.78 2.60 0.00	37.04 2.29 0.00	32.91 1.80 0.00	31.61 1.79 0.00	29.46 1.77 0.00	26.87 1.59 0.00
CE_NYC2_DRP 24202	25.93 1.92 0.00	24.03 1.72 0.00	22.48 1.57 0.00	21.12 1.44 0.00	20.55 1.33 0.00	22.35 1.46 0.00	24.51 1.78 -0.18	26.69 2.13 -0.69	29.25 2.32 0.00	30.61 2.45 0.00	30.57 2.21 0.00	32.20 2.39 0.00	32.77 2.37 0.00	34.42 2.28 0.00	34.63 2.36 0.00	33.90 2.28 0.00	40.07 3.11 0.00	42.61 3.23 0.00	40.08 2.90 0.00	37.11 2.36 0.00	32.85 1.74 0.00	31.82 2.00 0.00	29.82 2.13 0.00	27.17 1.90 0.00
CE_NYC_DRP 24195	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.44 1.71 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.50 2.34 0.00	30.48 2.13 0.00	32.08 2.27 0.00	32.68 2.28 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.61 3.23 0.00	40.01 2.83 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.69 1.99 0.00	27.07 1.79 0.00
CHAFFEE___LFGE 323603	24.94 0.94 0.00	22.98 0.67 0.00	21.48 0.56 0.00	20.00 0.31 0.00	19.65 0.42 0.00	21.31 0.42 0.00	22.91 0.34 -0.03	23.94 -0.05 -0.11	27.13 0.19 0.00	28.36 0.20 0.00	28.64 0.28 0.00	30.41 0.60 0.00	31.19 0.79 0.00	32.78 0.64 0.00	32.98 0.71 0.00	32.32 0.69 0.00	37.23 0.26 0.00	39.58 0.20 0.00	37.55 0.37 0.00	35.13 0.38 0.00	32.07 0.97 0.00	30.84 1.01 0.00	28.39 0.69 0.00	26.11 0.83 0.00
CHATEAUG_35_KV_LOAD 355732	23.26 -0.74 0.00	21.66 -0.65 0.00	20.37 -0.54 0.00	19.19 -0.49 0.00	18.76 -0.46 0.00	20.37 -0.52 0.00	21.96 -0.59 0.00	23.35 -0.53 0.00	26.56 -0.38 0.00	27.93 -0.23 0.00	28.30 -0.06 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.43 0.29 0.00	32.46 0.19 0.00	31.85 0.22 0.00	37.19 0.22 0.00	39.85 0.47 0.00	37.81 0.63 0.00	35.37 0.63 0.00	31.57 0.47 0.00	30.18 0.36 0.00	27.94 0.25 0.00	25.55 0.28 0.00
CHATEAUG_WT_PWR 323614	23.24 -0.77 0.00	21.64 -0.67 0.00	20.26 -0.65 0.00	19.16 -0.53 0.00	18.65 -0.58 0.00	20.24 -0.65 0.00	21.96 -0.59 0.00	23.33 -0.55 0.00	26.56 -0.38 0.00	27.93 -0.23 0.00	28.33 -0.03 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.43 0.29 0.00	32.50 0.23 0.00	31.88 0.25 0.00	37.23 0.26 0.00	39.85 0.47 0.00	37.81 0.63 0.00	35.27 0.52 0.00	31.54 0.44 0.00	30.12 0.30 0.00	27.94 0.25 0.00	25.58 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	23.26 -0.74 0.00	21.66 -0.65 0.00	20.29 -0.63 0.00	19.20 -0.49 0.00	18.71 -0.52 0.00	20.29 -0.61 0.00	21.96 -0.59 0.00	23.35 -0.53 0.00	26.58 -0.35 0.00	27.93 -0.23 0.00	28.30 -0.06 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.43 0.29 0.00	32.46 0.19 0.00	31.85 0.22 0.00	37.19 0.22 0.00	39.85 0.47 0.00	37.81 0.63 0.00	35.27 0.52 0.00	31.57 0.47 0.00	30.12 0.30 0.00	27.91 0.22 0.00	25.55 0.28 0.00
CHAUTAUQUA___LFGE 323629	25.30 1.30 0.00	23.33 1.03 0.00	21.75 0.84 0.00	20.26 0.57 0.00	19.94 0.71 0.00	21.62 0.73 0.00	23.29 0.72 -0.03	24.46 0.48 -0.11	27.66 0.73 0.00	28.95 0.79 0.00	29.23 0.88 0.00	30.95 1.13 0.00	31.70 1.31 0.00	33.36 1.22 0.00	33.56 1.29 0.00	32.89 1.27 0.00	37.89 0.92 0.00	40.29 0.91 0.00	38.22 1.04 0.00	35.83 1.08 0.00	32.72 1.62 0.00	31.49 1.67 0.00	28.94 1.25 0.00	26.59 1.31 0.00
CHERRYST_13_KV_LD 356241	25.88 1.87 0.00	23.98 1.67 0.00	22.44 1.53 0.00	21.08 1.40 0.00	20.51 1.29 0.00	22.33 1.44 0.00	24.51 1.78 -0.18	26.66 2.10 -0.69	29.28 2.34 0.00	30.61 2.45 0.00	30.59 2.24 0.00	32.23 2.41 0.00	32.80 2.40 0.00	34.55 2.41 0.00	34.72 2.45 0.00	34.00 2.37 0.00	40.15 3.18 0.00	42.77 3.39 0.00	40.12 2.94 0.00	37.32 2.57 0.00	33.06 1.96 0.00	31.85 2.03 0.00	29.77 2.08 0.00	27.15 1.87 0.00
CHESTROR_138KV_BK263 355645	25.33 1.32 0.00	23.51 1.20 0.00	22.00 1.09 0.00	20.67 0.98 0.00	20.13 0.90 0.00	21.92 1.02 0.00	23.97 1.26 -0.16	25.88 1.38 -0.62	28.47 1.54 0.00	29.76 1.61 0.00	29.86 1.50 0.00	31.39 1.58 0.00	31.98 1.58 0.00	33.78 1.64 0.00	33.95 1.68 0.00	33.27 1.64 0.00	39.15 2.18 0.00	41.70 2.32 0.00	39.23 2.04 0.00	36.56 1.81 0.00	32.54 1.43 0.00	31.26 1.43 0.00	29.10 1.41 0.00	26.56 1.29 0.00
CH_MIDHUDSON___DRP 24192	25.55 1.54 0.00	23.74 1.43 0.00	22.21 1.30 0.00	20.87 1.18 0.00	20.30 1.08 0.00	22.10 1.21 0.00	24.19 1.47 -0.19	26.16 1.58 -0.70	28.69 1.75 0.00	29.99 1.83 0.00	30.06 1.70 0.00	31.63 1.82 0.00	32.19 1.79 0.00	34.00 1.86 0.00	34.17 1.90 0.00	33.46 1.83 0.00	39.37 2.40 0.00	41.94 2.56 0.00	39.49 2.31 0.00	36.80 2.05 0.00	32.75 1.65 0.00	31.44 1.61 0.00	29.33 1.63 0.00	26.74 1.47 0.00
CH_MISC_IPPS 23765	25.64 1.63 0.00	23.80 1.49 0.00	22.38 1.46 0.00	20.93 1.24 0.00	20.38 1.15 0.00	22.23 1.34 0.00	24.24 1.51 -0.18	26.19 1.62 -0.69	28.74 1.80 0.00	30.04 1.89 0.00	30.17 1.82 0.00	31.72 1.91 0.00	32.28 1.89 0.00	34.13 1.99 0.00	34.27 2.00 0.00	33.59 1.96 0.00	39.55 2.59 0.00	42.14 2.76 0.00	39.64 2.45 0.00	36.97 2.23 0.00	32.88 1.77 0.00	31.55 1.73 0.00	29.41 1.72 0.00	26.84 1.57 0.00
CH_RES_BVR_FALLS 23983	23.65 -0.36 0.00	22.00 -0.31 0.00	20.62 -0.29 0.00	19.47 -0.22 0.00	19.01 -0.21 0.00	20.60 -0.29 0.00	22.18 -0.36 0.00	23.52 -0.36 0.00	26.53 -0.40 0.00	27.76 -0.39 0.00	27.99 -0.37 0.00	29.43 -0.39 0.00	30.04 -0.36 0.00	31.75 -0.38 0.00	31.85 -0.42 0.00	31.21 -0.41 0.00	36.49 -0.48 0.00	38.91 -0.47 0.00	36.77 -0.41 0.00	34.33 -0.42 0.00	30.73 -0.37 0.00	29.47 -0.36 0.00	27.36 -0.33 0.00	25.00 -0.28 0.00

CH_RES_NIAGARA 23895	23.94 -0.07 0.00	22.11 -0.20 0.00	20.75 -0.17 0.00	19.35 -0.33 0.00	18.99 -0.23 0.00	20.60 -0.29 0.00	22.10 -0.47 -0.03	23.14 -0.84 -0.10	25.88 -1.05 0.00	27.03 -1.13 0.00	27.31 -1.05 0.00	28.92 -0.89 0.00	29.61 -0.79 0.00	31.11 -1.03 0.00	31.27 -1.00 0.00	30.61 -1.01 0.00	35.23 -1.74 0.00	37.45 -1.93 0.00	35.62 -1.56 0.00	33.39 -1.36 0.00	30.51 -0.59 0.00	29.32 -0.51 0.00	27.17 -0.53 0.00	25.00 -0.28 0.00
CH_RES_SYRACUSE 23985	24.58 0.05 -0.53	22.55 0.04 -0.20	20.91 0.00 0.00	19.63 -0.06 0.00	19.19 -0.04 0.00	20.87 -0.02 0.00	22.82 0.02 -0.25	24.39 0.00 -0.52	27.60 -0.05 -0.72	28.87 -0.03 -0.74	29.17 0.03 -0.78	31.01 0.15 -1.04	31.46 0.18 -0.88	32.36 0.10 -0.12	32.40 0.13 0.00	31.75 0.13 0.00	37.01 0.04 0.00	39.34 -0.04 0.00	37.37 0.00 -0.18	34.78 0.03 0.00	31.26 0.16 0.00	30.04 0.21 0.00	27.72 0.03 0.00	25.37 0.03 -0.06
CLINTON_WT_PWR 323605	23.24 -0.77 0.00	21.64 -0.67 0.00	20.26 -0.65 0.00	19.16 -0.53 0.00	18.65 -0.58 0.00	20.24 -0.65 0.00	21.96 -0.59 0.00	23.33 -0.55 0.00	26.56 -0.38 0.00	27.93 -0.23 0.00	28.33 -0.03 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.43 0.29 0.00	32.50 0.23 0.00	31.88 0.25 0.00	37.23 0.26 0.00	39.85 0.47 0.00	37.81 0.63 0.00	35.27 0.52 0.00	31.54 0.44 0.00	30.12 0.30 0.00	27.94 0.25 0.00	25.58 0.30 0.00
CLINTON___LFGE 323618	23.50 -0.51 0.00	21.88 -0.42 0.00	20.50 -0.42 0.00	19.37 -0.32 0.00	18.88 -0.35 0.00	20.49 -0.40 0.00	22.18 -0.36 0.00	23.57 -0.31 0.00	26.86 -0.08 0.00	28.21 0.06 0.00	28.61 0.25 0.00	30.11 0.30 0.00	30.95 0.55 0.00	32.84 0.71 0.00	32.88 0.61 0.00	32.26 0.63 0.00	37.67 0.70 0.00	40.36 0.98 0.00	38.34 1.15 0.00	35.69 0.94 0.00	31.97 0.87 0.00	30.51 0.69 0.00	28.25 0.55 0.00	25.86 0.58 0.00
COBBLENY_34_KV_TB1 80064	24.92 0.91 0.00	22.98 0.67 0.00	21.44 0.52 0.00	20.00 0.31 0.00	19.61 0.38 0.00	21.31 0.42 0.00	22.93 0.36 -0.03	23.96 -0.02 -0.11	27.15 0.22 0.00	28.38 0.23 0.00	28.69 0.34 0.00	30.32 0.51 0.00	31.07 0.67 0.00	32.78 0.64 0.00	32.98 0.71 0.00	32.32 0.70 0.00	37.30 0.33 0.00	39.58 0.20 0.00	37.55 0.37 0.00	35.27 0.52 0.00	32.07 0.96 0.00	30.75 0.92 0.00	28.33 0.64 0.00	26.11 0.83 0.00
COFFEEN___115KV_TB3 355620	25.29 0.84 -0.44	23.26 0.78 -0.17	21.52 0.61 0.00	20.24 0.55 0.00	19.72 0.50 0.00	21.43 0.54 0.00	23.43 0.68 -0.21	24.92 0.64 -0.40	28.09 0.57 -0.59	29.44 0.68 -0.60	29.59 0.60 -0.64	31.35 0.69 -0.85	31.78 0.67 -0.71	32.91 0.67 -0.10	32.85 0.58 0.00	32.29 0.66 0.00	37.74 0.78 0.00	40.29 0.91 0.00	38.30 0.97 -0.15	36.03 1.29 0.00	32.35 1.24 0.00	30.99 1.16 0.00	28.58 0.89 0.00	26.11 0.78 -0.05
COLDSPRG_115KV_BK1 355956	25.79 1.78 0.00	23.76 1.45 0.00	22.06 1.15 0.00	20.61 0.93 0.00	20.22 1.00 0.00	21.98 1.09 0.00	23.75 1.17 -0.03	24.90 0.91 -0.11	28.36 1.43 0.00	29.68 1.52 0.00	30.00 1.64 0.00	31.51 1.70 0.00	32.28 1.88 0.00	34.10 1.96 0.00	34.30 2.03 0.00	33.59 1.96 0.00	38.74 1.77 0.00	41.15 1.77 0.00	39.00 1.82 0.00	36.73 1.98 0.00	33.50 2.40 0.00	32.12 2.30 0.00	29.44 1.74 0.00	27.12 1.85 0.00
COLONIE_LFGE___ 323577	25.79 1.25 -0.53	23.49 1.18 0.00	22.06 1.15 0.00	20.69 1.00 0.00	20.20 0.98 0.00	22.04 1.15 0.00	24.45 1.31 -0.60	36.38 1.29 -11.22	28.51 1.51 -0.06	29.65 1.49 0.00	29.77 1.42 0.00	31.19 1.37 0.00	31.70 1.31 0.00	33.62 1.48 0.00	33.72 1.45 0.00	33.02 1.39 0.00	38.63 1.67 0.00	41.11 1.73 0.00	38.86 1.67 0.00	36.31 1.57 0.00	32.47 1.37 0.00	31.08 1.25 0.00	28.91 1.22 0.00	26.39 1.11 0.00
COOPERNY_115KV_TB1 80082	25.02 1.01 0.00	23.22 0.91 0.00	21.73 0.82 0.00	20.43 0.75 0.00	19.92 0.69 0.00	21.66 0.77 0.00	23.61 0.95 -0.12	25.39 1.05 -0.46	28.12 1.19 0.00	29.40 1.24 0.00	29.52 1.16 0.00	31.07 1.25 0.00	31.68 1.28 0.00	33.42 1.29 0.00	33.59 1.32 0.00	32.92 1.30 0.00	38.67 1.70 0.00	41.19 1.81 0.00	38.78 1.60 0.00	36.17 1.42 0.00	32.26 1.15 0.00	30.93 1.10 0.00	28.77 1.08 0.00	26.26 0.99 0.00
COPENHAGEN_WT_PWR 323753	25.03 0.55 -0.46	23.00 0.51 -0.18	21.29 0.38 0.00	20.04 0.35 0.00	19.51 0.29 0.00	21.21 0.31 0.00	23.19 0.43 -0.22	24.68 0.38 -0.42	27.85 0.30 -0.61	29.15 0.37 -0.63	29.36 0.34 -0.67	31.09 0.39 -0.89	31.54 0.39 -0.75	32.63 0.39 -0.11	32.59 0.32 0.00	32.01 0.38 0.00	37.38 0.41 0.00	39.89 0.51 0.00	37.90 0.56 -0.16	35.55 0.80 0.00	31.91 0.81 0.00	30.66 0.83 0.00	28.25 0.55 0.00	25.84 0.51 -0.06
CORNELL___ 23752	25.01 0.72 -0.28	23.09 0.67 -0.11	21.44 0.52 0.00	20.12 0.43 0.00	19.67 0.44 0.00	21.41 0.52 0.00	23.34 0.63 -0.17	24.86 0.60 -0.39	27.95 0.62 -0.39	29.21 0.65 -0.40	29.49 0.71 -0.43	31.24 0.86 -0.57	31.76 0.88 -0.48	33.04 0.84 -0.07	33.17 0.90 0.00	32.54 0.92 0.00	37.93 0.96 0.00	40.36 0.98 0.00	38.32 1.04 -0.10	35.83 1.08 0.00	32.22 1.12 0.00	30.93 1.10 0.00	28.52 0.83 0.00	26.07 0.76 -0.04
CORONA_AAV_69_KV_TB1 355595	28.49 2.33 -2.15	24.43 2.12 0.00	22.80 1.88 0.00	21.38 1.69 0.00	20.80 1.58 0.00	23.37 1.86 -0.62	25.79 2.19 -1.05	27.32 2.41 -1.03	29.33 2.40 0.00	30.50 2.34 0.00	30.54 2.18 0.00	32.23 2.41 0.00	33.04 2.64 0.00	35.03 2.89 0.00	35.27 3.00 0.00	34.50 2.88 0.00	40.74 3.77 0.00	43.66 4.02 -0.27	41.23 3.61 -0.44	37.98 3.23 0.00	33.72 2.61 0.00	32.21 2.39 0.00	30.07 2.38 0.00	27.70 2.33 -0.10
CORTLAND_115KV_TB3 80093	24.81 0.50 -0.30	22.87 0.45 -0.11	21.25 0.33 0.00	19.96 0.28 0.00	19.49 0.27 0.00	21.23 0.33 0.00	23.14 0.43 -0.16	24.63 0.38 -0.37	27.77 0.43 -0.40	29.02 0.45 -0.41	29.30 0.51 -0.44	31.02 0.63 -0.58	31.53 0.64 -0.49	32.82 0.61 -0.07	32.95 0.68 0.00	32.29 0.66 0.00	37.63 0.67 0.00	40.05 0.67 0.00	37.96 0.67 -0.11	35.44 0.69 0.00	31.85 0.75 0.00	30.54 0.72 0.00	28.22 0.53 0.00	25.79 0.48 -0.04
COXSACKIE___GT 23611	25.53 1.68 0.16	23.71 1.41 0.00	22.31 1.40 0.00	20.87 1.18 0.00	20.26 1.04 0.00	22.10 1.21 0.00	24.19 1.53 -0.11	22.96 1.36 2.28	28.32 1.40 0.02	29.54 1.38 0.00	29.72 1.36 0.00	31.07 1.25 0.00	31.55 1.15 0.00	33.65 1.51 0.00	33.69 1.42 0.00	32.99 1.36 0.00	38.71 1.74 0.00	41.35 1.97 0.00	39.19 2.01 0.00	36.69 1.94 0.00	32.85 1.74 0.00	31.35 1.52 0.00	29.30 1.61 0.00	26.72 1.44 0.00
CPV_VALLEY___CC1 323721	25.14 1.13 0.00	23.33 1.03 0.00	21.94 1.02 0.00	20.53 0.85 0.00	20.03 0.81 0.00	21.83 0.94 0.00	23.78 1.08 -0.15	25.66 1.22 -0.57	28.28 1.35 0.00	29.57 1.41 0.00	29.66 1.31 0.00	31.19 1.37 0.00	31.77 1.37 0.00	33.55 1.41 0.00	33.72 1.45 0.00	33.05 1.42 0.00	38.89 1.92 0.00	41.39 2.01 0.00	38.93 1.75 0.00	36.31 1.57 0.00	32.32 1.21 0.00	31.02 1.19 0.00	28.88 1.19 0.00	26.36 1.09 0.00

CPV_VALLEY___CC2 323722	25.14 1.13 0.00	23.33 1.03 0.00	21.94 1.02 0.00	20.53 0.85 0.00	20.03 0.81 0.00	21.83 0.94 0.00	23.78 1.08 -0.15	25.66 1.22 -0.57	28.28 1.35 0.00	29.57 1.41 0.00	29.66 1.31 0.00	31.19 1.37 0.00	31.77 1.37 0.00	33.55 1.41 0.00	33.72 1.45 0.00	33.05 1.42 0.00	38.89 1.92 0.00	41.39 2.01 0.00	38.93 1.75 0.00	36.31 1.57 0.00	32.32 1.21 0.00	31.02 1.19 0.00	28.88 1.19 0.00	26.36 1.09 0.00
CRESCENT___HYD 24018	25.79 1.25 -0.53	23.49 1.18 0.00	22.06 1.15 0.00	20.69 1.00 0.00	20.20 0.98 0.00	22.04 1.15 0.00	24.45 1.31 -0.60	36.38 1.29 -11.22	28.51 1.51 -0.06	29.65 1.49 0.00	29.77 1.42 0.00	31.19 1.37 0.00	31.70 1.31 0.00	33.62 1.48 0.00	33.72 1.45 0.00	33.02 1.39 0.00	38.63 1.67 0.00	41.11 1.73 0.00	38.86 1.67 0.00	36.31 1.57 0.00	32.47 1.37 0.00	31.08 1.25 0.00	28.91 1.22 0.00	26.39 1.11 0.00
CRICKET___VALLEY_CC1 323756	25.28 1.27 0.00	23.56 1.25 0.00	22.15 1.23 0.00	20.73 1.04 0.00	20.24 1.02 0.00	22.08 1.19 0.00	24.07 1.33 -0.19	25.99 1.38 -0.73	28.47 1.53 0.00	29.73 1.58 0.00	29.80 1.45 0.00	31.28 1.46 0.00	31.83 1.43 0.00	33.68 1.54 0.00	33.82 1.55 0.00	33.11 1.49 0.00	38.89 1.92 0.00	41.47 2.09 0.00	39.04 1.86 0.00	36.45 1.70 0.00	32.41 1.31 0.00	31.08 1.25 0.00	28.99 1.30 0.00	26.44 1.16 0.00
CRICKET___VALLEY_CC2 323757	25.28 1.27 0.00	23.56 1.25 0.00	22.15 1.23 0.00	20.73 1.04 0.00	20.24 1.02 0.00	22.08 1.19 0.00	24.07 1.33 -0.19	25.99 1.38 -0.73	28.47 1.53 0.00	29.73 1.58 0.00	29.80 1.45 0.00	31.28 1.46 0.00	31.83 1.43 0.00	33.68 1.54 0.00	33.82 1.55 0.00	33.11 1.49 0.00	38.89 1.92 0.00	41.47 2.09 0.00	39.04 1.86 0.00	36.45 1.70 0.00	32.41 1.31 0.00	31.08 1.25 0.00	28.99 1.30 0.00	26.44 1.16 0.00
CRICKET___VALLEY_CC3 323758	25.28 1.27 0.00	23.56 1.25 0.00	22.15 1.23 0.00	20.73 1.04 0.00	20.24 1.02 0.00	22.08 1.19 0.00	24.07 1.33 -0.19	25.99 1.38 -0.73	28.47 1.53 0.00	29.73 1.58 0.00	29.80 1.45 0.00	31.28 1.46 0.00	31.83 1.43 0.00	33.68 1.54 0.00	33.82 1.55 0.00	33.11 1.49 0.00	38.89 1.92 0.00	41.47 2.09 0.00	39.04 1.86 0.00	36.45 1.70 0.00	32.41 1.31 0.00	31.08 1.25 0.00	28.99 1.30 0.00	26.44 1.16 0.00
CRUCIBLE_METL_DRP 24180	24.58 0.05 -0.53	22.55 0.04 -0.20	20.89 -0.02 0.00	19.63 -0.06 0.00	19.17 -0.06 0.00	20.87 -0.02 0.00	22.80 0.00 -0.26	24.37 -0.02 -0.52	27.60 -0.05 -0.72	28.87 -0.03 -0.74	29.17 0.03 -0.78	31.01 0.15 -1.04	31.43 0.15 -0.88	32.36 0.10 -0.12	32.40 0.13 0.00	31.75 0.13 0.00	37.00 0.04 0.00	39.34 -0.04 0.00	37.37 0.00 -0.19	34.78 0.03 0.00	31.26 0.16 0.00	29.97 0.15 0.00	27.72 0.03 0.00	25.37 0.03 -0.07
DAHOWA___HYDRO 323763	26.08 1.80 -0.27	23.94 1.63 0.00	22.48 1.57 0.00	21.06 1.38 0.00	20.57 1.35 0.00	22.44 1.55 0.00	24.77 1.80 -0.43	31.91 1.84 -6.20	29.15 2.18 -0.03	30.33 2.17 0.00	30.42 2.07 0.00	31.78 1.97 0.00	32.22 1.82 0.00	34.22 2.09 0.00	34.27 2.00 0.00	33.56 1.93 0.00	39.26 2.29 0.00	41.90 2.52 0.00	39.71 2.53 0.00	37.14 2.40 0.00	33.37 2.27 0.00	31.91 2.09 0.00	29.63 1.94 0.00	27.04 1.77 0.00
DANC___LFGE 323619	24.81 0.22 -0.58	22.73 0.20 -0.22	21.02 0.11 0.00	19.77 0.08 0.00	19.26 0.04 0.00	20.95 0.06 0.00	22.93 0.11 -0.27	24.47 0.07 -0.52	27.70 0.00 -0.77	28.95 0.00 -0.79	29.19 0.00 -0.84	30.93 0.00 -1.11	31.33 0.00 -0.93	32.27 0.00 -0.13	32.24 -0.03 0.00	31.63 0.00 0.00	36.93 -0.04 0.00	39.38 0.00 0.00	37.42 0.04 -0.20	34.99 0.24 0.00	31.38 0.28 0.00	30.15 0.33 0.00	27.86 0.17 0.00	25.47 0.13 -0.07
DANSKAMMER___1 23586	25.64 1.63 0.00	23.80 1.49 0.00	22.38 1.46 0.00	20.93 1.24 0.00	20.38 1.15 0.00	22.23 1.34 0.00	24.24 1.51 -0.18	26.19 1.62 -0.69	28.74 1.80 0.00	30.04 1.89 0.00	30.17 1.82 0.00	31.72 1.91 0.00	32.28 1.89 0.00	34.13 1.99 0.00	34.27 2.00 0.00	33.59 1.96 0.00	39.55 2.59 0.00	42.14 2.76 0.00	39.64 2.45 0.00	36.97 2.23 0.00	32.88 1.77 0.00	31.55 1.73 0.00	29.41 1.72 0.00	26.84 1.57 0.00
DANSKAMMER___2 23589	25.64 1.63 0.00	23.80 1.49 0.00	22.38 1.46 0.00	20.93 1.24 0.00	20.38 1.15 0.00	22.23 1.34 0.00	24.24 1.51 -0.18	26.19 1.62 -0.69	28.74 1.80 0.00	30.04 1.89 0.00	30.17 1.82 0.00	31.72 1.91 0.00	32.28 1.89 0.00	34.13 1.99 0.00	34.27 2.00 0.00	33.59 1.96 0.00	39.55 2.59 0.00	42.14 2.76 0.00	39.64 2.45 0.00	36.97 2.23 0.00	32.88 1.77 0.00	31.55 1.73 0.00	29.41 1.72 0.00	26.84 1.57 0.00
DANSKAMMER___3 23590	25.64 1.63 0.00	23.80 1.49 0.00	22.38 1.46 0.00	20.93 1.24 0.00	20.38 1.15 0.00	22.23 1.34 0.00	24.24 1.51 -0.18	26.19 1.62 -0.69	28.74 1.80 0.00	30.04 1.89 0.00	30.17 1.82 0.00	31.72 1.91 0.00	32.28 1.89 0.00	34.13 1.99 0.00	34.27 2.00 0.00	33.59 1.96 0.00	39.55 2.59 0.00	42.14 2.76 0.00	39.64 2.45 0.00	36.97 2.23 0.00	32.88 1.77 0.00	31.55 1.73 0.00	29.41 1.72 0.00	26.84 1.57 0.00
DANSKAMMER___4 23591	25.64 1.63 0.00	23.80 1.49 0.00	22.38 1.46 0.00	20.93 1.24 0.00	20.38 1.15 0.00	22.23 1.34 0.00	24.24 1.51 -0.18	26.19 1.62 -0.69	28.74 1.80 0.00	30.04 1.89 0.00	30.17 1.82 0.00	31.72 1.91 0.00	32.28 1.89 0.00	34.13 1.99 0.00	34.27 2.00 0.00	33.59 1.96 0.00	39.55 2.59 0.00	42.14 2.76 0.00	39.64 2.45 0.00	36.97 2.23 0.00	32.88 1.77 0.00	31.55 1.73 0.00	29.41 1.72 0.00	26.84 1.57 0.00
DANSKAMMER___DIESEL 23592	25.64 1.63 0.00	23.80 1.49 0.00	22.29 1.38 0.00	20.93 1.24 0.00	20.34 1.11 0.00	22.15 1.25 0.00	24.24 1.51 -0.18	26.19 1.62 -0.69	28.71 1.78 0.00	30.04 1.89 0.00	30.14 1.79 0.00	31.72 1.91 0.00	32.31 1.92 0.00	34.13 1.99 0.00	34.27 2.00 0.00	33.59 1.96 0.00	39.56 2.59 0.00	42.14 2.76 0.00	39.64 2.45 0.00	36.94 2.19 0.00	32.88 1.77 0.00	31.56 1.73 0.00	29.44 1.74 0.00	26.84 1.57 0.00
DARBY___SOLAR 323810	26.02 1.70 -0.31	23.85 1.54 0.00	22.40 1.48 0.00	20.99 1.30 0.00	20.49 1.27 0.00	22.35 1.46 0.00	24.69 1.69 -0.45	32.48 1.74 -6.86	29.02 2.05 -0.04	30.21 2.05 0.00	30.31 1.95 0.00	31.69 1.88 0.00	32.16 1.76 0.00	34.13 1.99 0.00	34.21 1.94 0.00	33.49 1.87 0.00	39.15 2.18 0.00	41.78 2.40 0.00	39.60 2.42 0.00	37.01 2.26 0.00	33.19 2.08 0.00	31.76 1.94 0.00	29.52 1.83 0.00	26.92 1.64 0.00
DASHVILLE___HYD 23610	25.50 1.54 0.04	23.60 1.29 0.00	22.11 1.19 0.00	20.75 1.06 0.00	20.17 0.94 0.00	21.96 1.07 0.00	24.15 1.44 -0.16	25.34 1.55 0.09	28.47 1.54 0.00	29.73 1.58 0.00	29.83 1.47 0.00	31.42 1.61 0.00	31.98 1.58 0.00	33.74 1.61 0.00	33.88 1.61 0.00	33.21 1.58 0.00	39.15 2.18 0.00	41.70 2.32 0.00	39.19 2.01 0.00	36.49 1.74 0.00	32.44 1.34 0.00	31.20 1.37 0.00	29.13 1.44 0.00	26.59 1.31 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	29.96 3.79 -2.16	25.80 3.48 -0.01	24.01 3.10 0.00	22.48 2.80 0.00	21.88 2.65 0.00	24.65 3.13 -0.63	27.26 3.61 -1.11	28.90 3.94 -1.09	30.57 3.64 0.00	31.73 3.58 0.00	31.59 3.23 0.00	33.51 3.70 0.00	34.38 3.98 0.00	36.68 4.53 -0.01	36.93 4.65 -0.01	36.19 4.55 -0.01	46.45 5.66 -3.83	45.77 6.06 -0.32	49.47 5.54 -6.75	39.88 5.07 -0.06	35.40 4.26 -0.04	33.73 3.91 0.00	31.15 3.46 0.00	28.94 3.56 -0.10
DELAWARE___LFGE 323621	25.09 0.98 -0.10	23.26 0.91 -0.04	21.71 0.79 0.00	20.40 0.71 0.00	19.90 0.67 0.00	21.66 0.77 0.00	23.62 0.97 -0.11	25.24 1.03 -0.33	28.23 1.16 -0.13	29.53 1.24 -0.14	29.72 1.22 -0.14	31.29 1.28 -0.19	31.84 1.28 -0.16	33.48 1.32 -0.02	33.59 1.32 0.00	32.92 1.30 0.00	38.48 1.52 0.00	40.95 1.58 0.00	38.70 1.49 -0.03	36.14 1.39 0.00	32.35 1.24 0.00	31.02 1.19 0.00	28.80 1.11 0.00	26.30 1.01 -0.01
DERFIELD_115KV_TB7 355931	24.06 0.05 0.00	22.35 0.04 0.00	20.95 0.04 0.00	19.71 0.02 0.00	19.24 0.02 0.00	20.93 0.04 0.00	22.63 0.09 0.00	23.95 0.07 0.00	27.02 0.08 0.00	28.27 0.11 0.00	28.44 0.09 0.00	29.93 0.12 0.00	30.52 0.12 0.00	32.23 0.10 0.00	32.37 0.10 0.00	31.72 0.09 0.00	37.08 0.11 0.00	39.50 0.12 0.00	37.29 0.11 0.00	34.85 0.10 0.00	31.20 0.09 0.00	29.91 0.09 0.00	27.78 0.08 0.00	25.35 0.08 0.00
DOGLEVILLE___HYD 23807	23.91 -0.10 0.00	22.22 -0.09 0.00	20.83 -0.08 0.00	19.59 -0.10 0.00	19.13 -0.10 0.00	20.83 -0.06 0.00	22.52 -0.02 0.00	23.85 -0.02 0.00	26.94 0.00 0.00	28.19 0.03 0.00	28.35 0.00 0.00	29.99 0.18 0.00	30.55 0.15 0.00	32.14 0.00 0.00	32.17 -0.10 0.00	31.50 -0.13 0.00	36.86 -0.11 0.00	39.22 -0.16 0.00	37.00 -0.18 0.00	34.61 -0.14 0.00	30.98 -0.12 0.00	29.95 0.12 0.00	27.66 -0.03 0.00	25.25 -0.03 0.00
DUNKIRK___115KV_TB_200 55889	25.26 1.25 0.00	23.29 0.98 0.00	21.67 0.75 0.00	20.24 0.55 0.00	19.86 0.63 0.00	21.56 0.67 0.00	23.27 0.70 -0.03	24.42 0.43 -0.11	27.64 0.70 0.00	28.86 0.70 0.00	29.21 0.85 0.00	30.77 0.95 0.00	31.52 1.12 0.00	33.26 1.12 0.00	33.46 1.19 0.00	32.80 1.17 0.00	37.86 0.89 0.00	40.21 0.83 0.00	38.15 0.97 0.00	35.86 1.11 0.00	32.66 1.56 0.00	31.29 1.46 0.00	28.80 1.11 0.00	26.54 1.26 0.00
DUNKIRK___1 23563	25.26 1.25 0.00	23.29 0.98 0.00	21.67 0.75 0.00	20.24 0.55 0.00	19.86 0.63 0.00	21.56 0.67 0.00	23.27 0.70 -0.03	24.42 0.43 -0.11	27.64 0.70 0.00	28.86 0.70 0.00	29.21 0.85 0.00	30.77 0.95 0.00	31.52 1.12 0.00	33.26 1.12 0.00	33.46 1.19 0.00	32.80 1.17 0.00	37.86 0.89 0.00	40.21 0.83 0.00	38.15 0.97 0.00	35.86 1.11 0.00	32.66 1.56 0.00	31.29 1.46 0.00	28.80 1.11 0.00	26.54 1.26 0.00
DUNKIRK___2 23564	25.26 1.25 0.00	23.29 0.98 0.00	21.67 0.75 0.00	20.24 0.55 0.00	19.86 0.63 0.00	21.56 0.67 0.00	23.27 0.70 -0.03	24.42 0.43 -0.11	27.64 0.70 0.00	28.86 0.70 0.00	29.21 0.85 0.00	30.77 0.95 0.00	31.52 1.12 0.00	33.26 1.12 0.00	33.46 1.19 0.00	32.80 1.17 0.00	37.86 0.89 0.00	40.21 0.83 0.00	38.15 0.97 0.00	35.86 1.11 0.00	32.66 1.56 0.00	31.29 1.46 0.00	28.80 1.11 0.00	26.54 1.26 0.00
DUNKIRK___3 23565	25.07 1.06 0.00	23.11 0.80 0.00	21.52 0.61 0.00	20.10 0.41 0.00	19.72 0.50 0.00	21.41 0.52 0.00	23.09 0.52 -0.03	24.18 0.19 -0.11	27.39 0.46 0.00	28.61 0.45 0.00	28.92 0.57 0.00	30.50 0.69 0.00	31.22 0.82 0.00	32.97 0.84 0.00	33.17 0.90 0.00	32.51 0.89 0.00	37.52 0.55 0.00	39.85 0.47 0.00	37.81 0.63 0.00	35.51 0.76 0.00	32.35 1.24 0.00	30.99 1.16 0.00	28.55 0.86 0.00	26.29 1.01 0.00
DUNKIRK___4 23566	25.07 1.06 0.00	23.11 0.80 0.00	21.52 0.61 0.00	20.10 0.41 0.00	19.72 0.50 0.00	21.41 0.52 0.00	23.09 0.52 -0.03	24.18 0.19 -0.11	27.39 0.46 0.00	28.61 0.45 0.00	28.92 0.57 0.00	30.50 0.69 0.00	31.22 0.82 0.00	32.97 0.84 0.00	33.17 0.90 0.00	32.51 0.89 0.00	37.52 0.55 0.00	39.85 0.47 0.00	37.81 0.63 0.00	35.51 0.76 0.00	32.35 1.24 0.00	30.99 1.16 0.00	28.55 0.86 0.00	26.29 1.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.74 1.73 0.00	23.87 1.56 0.00	22.34 1.42 0.00	20.99 1.30 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.39 1.67 -0.18	26.50 1.93 -0.69	29.06 2.13 0.00	30.41 2.25 0.00	30.42 2.07 0.00	32.02 2.21 0.00	32.62 2.22 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.93 2.96 0.00	42.53 3.15 0.00	39.97 2.79 0.00	37.22 2.47 0.00	33.03 1.93 0.00	31.76 1.94 0.00	29.60 1.91 0.00	26.99 1.72 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.47 1.46 0.00	23.65 1.34 0.00	22.13 1.21 0.00	20.77 1.08 0.00	20.20 0.98 0.00	22.00 1.11 0.00	24.09 1.38 -0.17	26.02 1.48 -0.66	28.58 1.64 0.00	29.88 1.72 0.00	29.97 1.62 0.00	31.54 1.73 0.00	32.13 1.73 0.00	33.90 1.77 0.00	34.08 1.81 0.00	33.40 1.77 0.00	39.30 2.33 0.00	41.86 2.48 0.00	39.38 2.19 0.00	36.73 1.98 0.00	32.66 1.56 0.00	31.38 1.55 0.00	29.24 1.55 0.00	26.67 1.39 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.95 1.94 0.00	24.07 1.76 0.00	22.52 1.61 0.00	21.16 1.48 0.00	20.63 1.40 0.00	22.44 1.55 0.00	24.55 1.83 -0.18	26.66 2.10 -0.69	29.14 2.21 0.00	30.48 2.34 0.02	30.45 2.10 0.00	32.08 2.27 0.00	32.65 2.25 0.00	34.29 2.15 0.00	34.46 2.19 0.00	33.75 2.12 0.00	39.89 2.92 0.00	42.41 3.03 0.00	40.08 2.90 0.00	36.94 2.19 0.00	32.69 1.59 0.00	31.76 1.94 0.00	29.82 2.13 0.00	27.22 1.95 0.00
E179THST_13_KV_LOAD 356214	26.10 2.09 0.00	24.20 1.90 0.00	22.63 1.71 0.00	21.26 1.57 0.00	20.72 1.50 0.00	22.54 1.65 0.00	24.66 1.94 -0.18	26.81 2.24 -0.69	29.31 2.37 0.00	30.65 2.51 0.02	30.59 2.24 0.00	32.26 2.44 0.00	32.83 2.43 0.00	34.45 2.31 0.00	34.66 2.39 0.00	33.94 2.31 0.00	40.15 3.18 0.00	42.69 3.31 0.00	40.34 3.16 0.00	37.15 2.40 0.00	32.88 1.77 0.00	31.94 2.12 0.00	29.99 2.30 0.00	27.37 2.10 0.00
EAST HAMPTON___GT 23717	30.42 4.25 -2.16	26.20 3.88 -0.01	24.49 3.58 0.00	22.82 3.13 0.00	22.34 3.11 0.00	25.13 3.61 -0.63	27.67 4.01 -1.11	29.36 4.39 -1.09	31.60 4.66 0.00	32.38 4.22 0.00	32.29 3.94 0.00	33.90 4.08 0.00	35.05 4.65 0.00	37.42 5.27 -0.01	37.67 5.39 -0.01	36.92 5.28 -0.01	47.35 6.54 -3.84	46.67 6.97 -0.32	50.36 6.43 -6.75	40.75 5.94 -0.06	36.14 4.98 -0.06	34.36 4.53 0.00	31.71 4.01 0.00	29.47 4.09 -0.10
EAST RIVER___6 23660	25.79 1.78 0.00	23.89 1.58 0.00	22.48 1.57 0.00	21.03 1.34 0.00	20.51 1.29 0.00	22.38 1.48 0.00	24.39 1.67 -0.18	26.54 1.98 -0.69	29.17 2.23 0.00	30.49 2.34 0.00	30.45 2.10 0.00	31.99 2.18 0.00	32.53 2.13 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.01 2.82 0.00	37.25 2.50 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.74 2.05 0.00	27.10 1.82 0.00

EAST RIVER___7 23524	25.79 1.78 0.00	23.89 1.58 0.00	22.48 1.57 0.00	21.03 1.34 0.00	20.51 1.29 0.00	22.38 1.48 0.00	24.39 1.67 -0.18	26.54 1.98 -0.69	29.17 2.23 0.00	30.49 2.34 0.00	30.45 2.10 0.00	31.99 2.18 0.00	32.53 2.13 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.01 2.82 0.00	37.25 2.50 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.74 2.05 0.00	27.10 1.82 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.69 1.68 0.00	23.82 1.52 0.00	22.29 1.38 0.00	20.95 1.26 0.00	20.40 1.17 0.00	22.21 1.32 0.00	24.35 1.62 -0.18	26.40 1.84 -0.68	28.98 2.05 0.00	30.30 2.14 0.00	30.34 1.98 0.00	31.93 2.12 0.00	32.56 2.16 0.00	34.32 2.19 0.00	34.50 2.23 0.00	33.78 2.15 0.00	39.81 2.85 0.00	42.41 3.03 0.00	39.86 2.68 0.00	37.11 2.36 0.00	32.97 1.87 0.00	31.67 1.85 0.00	29.52 1.83 0.00	26.92 1.64 0.00
EAST_HAMPTON___DIESEL 23722	30.42 4.25 -2.16	26.22 3.90 -0.01	24.49 3.58 0.00	22.84 3.15 0.00	22.34 3.11 0.00	25.13 3.61 -0.63	27.69 4.03 -1.11	29.36 4.39 -1.09	31.60 4.66 0.00	32.38 4.22 0.00	32.29 3.94 0.00	33.93 4.12 0.00	35.08 4.68 0.00	37.42 5.27 -0.01	37.70 5.42 -0.01	36.92 5.28 -0.01	47.38 6.58 -3.84	46.71 7.01 -0.32	50.36 6.43 -6.75	40.79 5.98 -0.06	36.14 4.98 -0.06	34.36 4.53 0.00	31.71 4.01 0.00	29.47 4.09 -0.10
EAST_PULASKI___ESR 323781	24.72 -0.12 -0.83	22.51 -0.11 -0.32	20.75 -0.17 0.00	19.51 -0.18 0.00	19.03 -0.19 0.00	20.70 -0.19 0.00	22.77 -0.16 -0.38	24.42 -0.19 -0.74	27.74 -0.30 -1.10	28.92 -0.37 -1.13	29.18 -0.37 -1.20	31.05 -0.36 -1.59	31.37 -0.36 -1.34	31.91 -0.42 -0.19	31.88 -0.39 0.00	31.28 -0.35 0.00	36.49 -0.48 0.00	38.87 -0.51 0.00	36.99 -0.48 -0.29	34.40 -0.35 0.00	30.89 -0.22 0.00	29.62 -0.21 0.00	27.50 -0.19 0.00	25.18 -0.20 -0.10
EAST_RIVER___1 323558	25.81 1.80 0.00	23.91 1.61 0.00	22.48 1.57 0.00	21.03 1.34 0.00	20.49 1.27 0.00	22.38 1.48 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.17 2.23 0.00	30.49 2.34 0.00	30.48 2.13 0.00	32.05 2.24 0.00	32.62 2.22 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.03 3.07 0.00	42.57 3.19 0.00	40.01 2.82 0.00	37.22 2.47 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.69 2.00 0.00	27.07 1.79 0.00
EAST_RIVER___2 323559	25.79 1.78 0.00	23.89 1.58 0.00	22.48 1.57 0.00	21.03 1.34 0.00	20.51 1.29 0.00	22.38 1.48 0.00	24.39 1.67 -0.18	26.54 1.98 -0.69	29.17 2.23 0.00	30.49 2.34 0.00	30.45 2.10 0.00	31.99 2.18 0.00	32.53 2.13 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.01 2.82 0.00	37.25 2.50 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.74 2.05 0.00	27.10 1.82 0.00
EAST___DELAWARE_HYD 23607	25.23 1.22 0.00	23.40 1.09 0.00	21.98 1.07 0.00	20.55 0.87 0.00	19.99 0.77 0.00	21.81 0.92 0.00	23.78 1.08 -0.16	25.64 1.17 -0.59	28.23 1.29 0.00	29.51 1.35 0.00	29.63 1.28 0.00	31.07 1.25 0.00	31.62 1.22 0.00	33.58 1.45 0.00	33.72 1.45 0.00	33.08 1.46 0.00	38.96 1.99 0.00	41.50 2.13 0.00	39.04 1.86 0.00	36.42 1.67 0.00	32.38 1.28 0.00	30.99 1.16 0.00	28.99 1.30 0.00	26.44 1.16 0.00
EIGHT_POINT___WT_PWR 323820	25.22 1.11 -0.11	23.26 0.91 -0.04	21.66 0.75 0.00	20.24 0.55 0.00	19.86 0.63 0.00	21.62 0.73 0.00	23.41 0.79 -0.08	24.45 0.45 -0.12	27.56 0.62 0.00	28.83 0.67 0.00	29.09 0.74 0.00	30.86 1.04 0.00	31.55 1.15 0.00	33.13 1.00 0.00	33.50 1.23 0.00	32.80 1.17 0.00	37.93 0.96 0.00	40.32 0.94 0.00	38.33 1.11 -0.04	35.93 1.18 0.00	32.69 1.59 0.00	31.55 1.73 0.00	28.97 1.27 0.00	26.55 1.26 -0.01
ELBRIDGE_115KV_TB2 80188	24.57 0.00 -0.56	22.52 0.00 -0.21	20.85 -0.06 0.00	19.59 -0.10 0.00	19.13 -0.10 0.00	20.83 -0.06 0.00	22.80 -0.02 -0.28	24.38 -0.05 -0.55	27.63 -0.08 -0.77	28.87 -0.08 -0.79	29.19 0.00 -0.84	30.96 0.03 -1.12	31.40 0.06 -0.94	32.30 0.03 -0.13	32.33 0.06 0.00	31.69 0.06 0.00	36.93 -0.04 0.00	39.30 -0.08 0.00	37.31 -0.07 -0.20	34.75 0.00 0.00	31.20 0.09 0.00	29.94 0.12 0.00	27.69 0.00 0.00	25.32 -0.03 -0.07
ELEC_TRO_TEK 24086	28.30 2.14 -2.15	24.27 1.96 0.00	22.65 1.74 0.00	21.24 1.56 0.00	20.67 1.44 0.00	23.20 1.69 -0.62	25.63 2.03 -1.05	27.17 2.27 -1.03	29.20 2.26 0.00	30.33 2.17 0.00	30.34 1.98 0.00	31.99 2.18 0.00	32.74 2.34 0.00	34.74 2.60 0.00	34.95 2.68 0.00	34.25 2.63 0.00	40.33 3.36 0.00	43.23 3.58 -0.27	40.82 3.20 -0.44	37.60 2.85 0.00	33.41 2.30 0.00	31.91 2.09 0.00	29.82 2.13 0.00	27.49 2.12 -0.10
ELLENBURG_WT_PWR 323604	23.24 -0.77 0.00	21.64 -0.67 0.00	20.26 -0.65 0.00	19.16 -0.53 0.00	18.65 -0.58 0.00	20.24 -0.65 0.00	21.96 -0.59 0.00	23.33 -0.55 0.00	26.56 -0.38 0.00	27.93 -0.23 0.00	28.33 -0.03 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.43 0.29 0.00	32.50 0.23 0.00	31.88 0.25 0.00	37.23 0.26 0.00	39.85 0.47 0.00	37.81 0.63 0.00	35.27 0.52 0.00	31.54 0.44 0.00	30.12 0.30 0.00	27.94 0.25 0.00	25.58 0.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.71 0.70 0.00	22.80 0.49 0.00	21.25 0.33 0.00	19.84 0.16 0.00	19.45 0.23 0.00	21.14 0.25 0.00	22.75 0.18 -0.03	23.84 -0.14 -0.10	26.88 -0.05 0.00	28.07 -0.08 0.00	28.38 0.03 0.00	29.96 0.15 0.00	30.67 0.27 0.00	32.36 0.22 0.00	32.56 0.29 0.00	31.88 0.25 0.00	36.78 -0.18 0.00	39.02 -0.35 0.00	37.07 -0.11 0.00	34.82 0.07 0.00	31.70 0.59 0.00	30.36 0.54 0.00	28.05 0.36 0.00	25.86 0.58 0.00
EMPIRE_CC_1 323656	24.41 0.77 0.37	23.13 0.83 0.00	21.75 0.84 0.00	20.39 0.71 0.00	19.91 0.69 0.00	21.73 0.84 0.00	23.42 0.90 0.03	18.45 0.84 6.26	27.84 0.94 0.04	29.06 0.90 0.00	29.15 0.79 0.00	30.59 0.77 0.00	31.13 0.73 0.00	32.97 0.83 0.00	33.08 0.81 0.00	32.42 0.79 0.00	37.93 0.96 0.00	40.44 1.06 0.00	38.19 1.00 0.00	35.69 0.94 0.00	31.82 0.72 0.00	30.48 0.66 0.00	28.39 0.69 0.00	25.91 0.63 0.00
EMPIRE_CC_2 323658	24.41 0.77 0.37	23.13 0.83 0.00	21.75 0.84 0.00	20.39 0.71 0.00	19.91 0.69 0.00	21.73 0.84 0.00	23.42 0.90 0.03	18.45 0.84 6.26	27.84 0.94 0.04	29.06 0.90 0.00	29.15 0.79 0.00	30.59 0.77 0.00	31.13 0.73 0.00	32.97 0.83 0.00	33.08 0.81 0.00	32.42 0.79 0.00	37.93 0.96 0.00	40.44 1.06 0.00	38.19 1.00 0.00	35.69 0.94 0.00	31.82 0.72 0.00	30.48 0.66 0.00	28.39 0.69 0.00	25.91 0.63 0.00
ENORWICH_115KV_TB1 80156	25.95 1.73 -0.21	23.95 1.56 -0.08	22.21 1.30 0.00	20.89 1.20 0.00	20.38 1.15 0.00	22.23 1.34 0.00	24.38 1.69 -0.15	26.01 1.77 -0.37	29.03 1.80 -0.29	30.43 1.97 -0.30	30.71 2.04 -0.32	32.56 2.33 -0.42	33.12 2.37 -0.35	34.53 2.35 -0.05	34.66 2.39 0.00	34.09 2.47 0.00	39.63 2.66 0.00	42.14 2.76 0.00	40.16 2.90 -0.08	37.67 2.92 0.00	33.90 2.80 0.00	32.51 2.68 0.00	29.94 2.24 0.00	27.32 2.02 -0.03

ERIE_ST__34_KV_TB1-2 80199	24.97 0.96 0.00	23.02 0.71 0.00	21.46 0.54 0.00	20.04 0.35 0.00	19.67 0.44 0.00	21.35 0.46 0.00	23.00 0.43 -0.03	23.82 -0.17 -0.11	27.26 0.32 0.00	28.47 0.31 0.00	28.78 0.43 0.00	30.41 0.60 0.00	31.16 0.76 0.00	32.94 0.80 0.00	33.14 0.87 0.00	32.48 0.85 0.00	37.49 0.52 0.00	39.77 0.39 0.00	37.74 0.56 0.00	35.41 0.66 0.00	32.19 1.09 0.00	30.81 0.98 0.00	28.38 0.69 0.00	26.16 0.88 0.00
ERIE_WT_PWR 323693	24.87 0.86 0.00	22.93 0.62 0.00	21.44 0.52 0.00	19.96 0.28 0.00	19.61 0.38 0.00	21.29 0.40 0.00	22.86 0.29 -0.03	23.91 -0.07 -0.11	27.02 0.08 0.00	28.27 0.11 0.00	28.55 0.20 0.00	30.26 0.45 0.00	31.04 0.64 0.00	32.62 0.48 0.00	32.82 0.55 0.00	32.13 0.50 0.00	37.01 0.04 0.00	39.34 -0.04 0.00	37.37 0.19 0.00	34.99 0.24 0.00	31.95 0.84 0.00	30.72 0.89 0.00	28.30 0.61 0.00	26.03 0.76 0.00
ESPRGFLD_115KV_TB1 80157	25.67 1.66 0.00	23.82 1.52 0.00	22.27 1.36 0.00	20.93 1.24 0.00	20.42 1.19 0.00	22.27 1.38 0.00	24.21 1.71 0.05	25.50 1.81 0.19	28.96 2.02 0.00	30.24 2.08 0.00	30.45 2.10 0.00	32.05 2.24 0.00	32.62 2.22 0.00	34.45 2.31 0.00	34.46 2.19 0.00	33.84 2.21 0.00	39.52 2.55 0.00	42.10 2.72 0.00	39.86 2.68 0.00	37.25 2.50 0.00	33.44 2.33 0.00	32.06 2.24 0.00	29.69 1.99 0.00	27.07 1.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.00 0.70 -0.30	23.04 0.62 -0.11	21.42 0.50 0.00	20.10 0.41 0.00	19.63 0.40 0.00	21.37 0.48 0.00	23.32 0.61 -0.17	24.84 0.57 -0.39	27.93 0.59 -0.40	29.19 0.62 -0.42	29.48 0.68 -0.44	31.20 0.80 -0.59	31.71 0.82 -0.49	32.98 0.77 -0.07	33.11 0.84 0.00	32.48 0.85 0.00	37.89 0.92 0.00	40.32 0.95 0.00	38.25 0.97 -0.11	35.79 1.04 0.00	32.16 1.06 0.00	30.87 1.04 0.00	28.50 0.80 0.00	26.02 0.71 -0.04
ETNA____115KV_TB2 80207	25.00 0.70 -0.30	23.04 0.62 -0.11	21.42 0.50 0.00	20.10 0.41 0.00	19.63 0.40 0.00	21.37 0.48 0.00	23.32 0.61 -0.17	24.84 0.57 -0.39	27.93 0.59 -0.40	29.19 0.62 -0.42	29.48 0.68 -0.44	31.20 0.80 -0.59	31.71 0.82 -0.49	32.98 0.77 -0.07	33.11 0.84 0.00	32.48 0.85 0.00	37.89 0.92 0.00	40.32 0.95 0.00	38.25 0.97 -0.11	35.79 1.04 0.00	32.16 1.06 0.00	30.87 1.04 0.00	28.50 0.80 0.00	26.02 0.71 -0.04
EUCLID____115KV_TB2 356179	24.03 -0.22 -0.24	22.20 -0.20 -0.09	20.66 -0.25 0.00	19.43 -0.26 0.00	18.95 -0.27 0.00	20.64 -0.25 0.00	22.42 -0.25 -0.12	23.84 -0.29 -0.25	26.88 -0.38 -0.32	28.12 -0.37 -0.33	28.39 -0.31 -0.34	30.00 -0.27 -0.46	30.51 -0.27 -0.39	31.87 -0.32 -0.05	31.98 -0.29 0.00	31.34 -0.28 0.00	36.52 -0.44 0.00	38.87 -0.51 0.00	36.78 -0.48 -0.08	34.33 -0.42 0.00	30.86 -0.25 0.00	29.56 -0.27 0.00	27.39 -0.30 0.00	25.00 -0.30 -0.03
E_CANADA_CAP_HY 24051	26.05 2.04 0.00	24.18 1.87 0.00	22.67 1.76 0.00	21.26 1.58 0.00	20.76 1.54 0.00	22.67 1.77 0.00	24.94 2.10 -0.29	27.19 2.20 -1.11	29.39 2.45 0.00	30.61 2.45 0.00	30.79 2.44 0.00	32.35 2.53 0.00	32.92 2.52 0.00	34.87 2.73 0.00	34.75 2.48 0.00	34.12 2.50 0.00	39.89 2.92 0.00	42.57 3.19 0.00	40.34 3.16 0.00	37.74 2.99 0.00	33.87 2.77 0.00	32.54 2.71 0.00	30.16 2.46 0.00	27.50 2.22 0.00
E_CANADA_MHWK_HY 24050	23.91 -0.10 0.00	22.22 -0.09 0.00	20.83 -0.08 0.00	19.59 -0.10 0.00	19.13 -0.10 0.00	20.83 -0.06 0.00	22.52 -0.02 0.00	23.85 -0.02 0.00	26.94 0.00 0.00	28.19 0.03 0.00	28.35 0.00 0.00	29.99 0.18 0.00	30.55 0.15 0.00	32.14 0.00 0.00	32.17 -0.10 0.00	31.50 -0.13 0.00	36.86 -0.11 0.00	39.22 -0.16 0.00	37.00 -0.18 0.00	34.61 -0.14 0.00	30.98 -0.12 0.00	29.95 0.12 0.00	27.66 -0.03 0.00	25.25 -0.03 0.00
E_FISHKILL____LBMP 23776	25.47 1.46 0.00	23.67 1.36 0.00	22.15 1.23 0.00	20.81 1.12 0.00	20.26 1.04 0.00	22.06 1.17 0.00	24.17 1.44 -0.19	26.18 1.60 -0.70	28.71 1.78 0.00	29.99 1.83 0.00	30.06 1.70 0.00	31.60 1.79 0.00	32.19 1.79 0.00	34.00 1.86 0.00	34.14 1.87 0.00	33.46 1.83 0.00	39.33 2.37 0.00	41.94 2.56 0.00	39.45 2.27 0.00	36.76 2.02 0.00	32.69 1.59 0.00	31.38 1.55 0.00	29.27 1.58 0.00	26.69 1.42 0.00
FALCON____SEABRD_CC1 323796	23.53 -0.48 0.00	21.91 -0.40 0.00	20.52 -0.40 0.00	19.39 -0.29 0.00	18.88 -0.35 0.00	20.52 -0.38 0.00	22.21 -0.34 0.00	23.59 -0.29 0.00	26.91 -0.03 0.00	28.27 0.11 0.00	28.67 0.31 0.00	30.14 0.33 0.00	30.97 0.58 0.00	32.88 0.74 0.00	32.92 0.65 0.00	32.32 0.69 0.00	37.71 0.74 0.00	40.40 1.02 0.00	38.34 1.15 0.00	35.72 0.97 0.00	31.97 0.87 0.00	30.51 0.69 0.00	28.27 0.58 0.00	25.88 0.61 0.00
FALCON____SEABRD_CC2 323797	23.53 -0.48 0.00	21.91 -0.40 0.00	20.52 -0.40 0.00	19.39 -0.29 0.00	18.88 -0.35 0.00	20.52 -0.38 0.00	22.21 -0.34 0.00	23.59 -0.29 0.00	26.91 -0.03 0.00	28.27 0.11 0.00	28.67 0.31 0.00	30.14 0.33 0.00	30.97 0.58 0.00	32.88 0.74 0.00	32.92 0.65 0.00	32.32 0.69 0.00	37.71 0.74 0.00	40.40 1.02 0.00	38.34 1.15 0.00	35.72 0.97 0.00	31.97 0.87 0.00	30.51 0.69 0.00	28.27 0.58 0.00	25.88 0.61 0.00
FAR ROCKAWAY____4 23548	28.70 2.54 -2.15	24.63 2.32 0.00	22.96 2.05 0.00	21.54 1.85 0.00	20.95 1.73 0.00	23.56 2.05 -0.62	25.99 2.39 -1.05	27.53 2.63 -1.03	29.58 2.64 0.00	30.75 2.59 0.00	30.85 2.50 0.00	32.59 2.77 0.00	33.41 3.01 0.00	35.45 3.31 0.00	35.72 3.45 0.00	34.98 3.35 0.00	41.26 4.29 0.00	44.21 4.57 -0.27	41.75 4.13 -0.44	38.43 3.68 0.00	34.09 2.99 0.00	32.54 2.71 0.00	30.35 2.66 0.00	27.95 2.58 -0.10
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.83 1.82 0.00	23.94 1.63 0.00	22.40 1.48 0.00	21.04 1.36 0.00	20.47 1.25 0.00	22.29 1.40 0.00	24.46 1.74 -0.18	26.62 2.05 -0.69	29.20 2.26 0.00	30.52 2.37 0.00	30.51 2.15 0.00	32.11 2.30 0.00	32.71 2.31 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.90 2.28 0.00	40.04 3.07 0.00	42.65 3.27 0.00	40.04 2.86 0.00	37.22 2.47 0.00	33.00 1.90 0.00	31.79 1.97 0.00	29.71 2.02 0.00	27.10 1.82 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.83 1.82 0.00	23.96 1.65 0.00	22.40 1.48 0.00	21.04 1.36 0.00	20.47 1.25 0.00	22.29 1.40 0.00	24.46 1.74 -0.18	26.62 2.05 -0.69	29.20 2.26 0.00	30.52 2.37 0.00	30.51 2.15 0.00	32.11 2.30 0.00	32.71 2.31 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.90 2.28 0.00	40.04 3.07 0.00	42.65 3.27 0.00	40.04 2.86 0.00	37.25 2.50 0.00	33.00 1.90 0.00	31.82 2.00 0.00	29.71 2.02 0.00	27.10 1.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.81 1.80 0.00	23.94 1.63 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.44 1.71 -0.18	26.59 2.03 -0.69	29.17 2.24 0.00	30.52 2.37 0.00	30.48 2.13 0.00	32.11 2.30 0.00	32.71 2.31 0.00	34.42 2.28 0.00	34.59 2.32 0.00	33.90 2.28 0.00	40.00 3.03 0.00	42.61 3.23 0.00	40.01 2.83 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.69 1.99 0.00	27.07 1.79 0.00

FARRAGUT___LBMP 323566	25.81 1.80 0.00	23.91 1.61 0.00	22.36 1.44 0.00	21.01 1.32 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.05 2.24 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.56 2.29 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.94 1.84 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
FENNER___WINDPWR 24204	24.76 0.53 -0.23	22.88 0.49 -0.09	21.31 0.40 0.00	20.02 0.33 0.00	19.55 0.33 0.00	21.29 0.40 0.00	23.16 0.50 -0.12	24.67 0.52 -0.27	27.81 0.57 -0.31	29.10 0.62 -0.32	29.35 0.65 -0.34	31.07 0.81 -0.45	31.60 0.82 -0.38	32.96 0.77 -0.05	33.08 0.81 0.00	32.42 0.79 0.00	37.78 0.81 0.00	40.21 0.83 0.00	38.08 0.82 -0.08	35.58 0.83 0.00	31.91 0.81 0.00	30.69 0.87 0.00	28.30 0.61 0.00	25.81 0.51 -0.03
FIBERTEK___ENERGY 23856	24.58 0.05 -0.53	22.55 0.04 -0.20	20.89 -0.02 0.00	19.63 -0.06 0.00	19.17 -0.06 0.00	20.87 -0.02 0.00	22.80 0.00 -0.26	24.37 -0.02 -0.52	27.60 -0.05 -0.72	28.87 -0.03 -0.74	29.17 0.03 -0.78	31.01 0.15 -1.04	31.43 0.15 -0.88	32.36 0.10 -0.12	32.40 0.13 0.00	31.75 0.13 0.00	37.00 0.04 0.00	39.34 -0.04 0.00	37.37 0.00 -0.19	34.78 0.03 0.00	31.26 0.16 0.00	29.97 0.15 0.00	27.72 0.03 0.00	25.37 0.03 -0.07
FITZPATRICK____ 23598	20.51 -0.62 2.88	20.63 -0.58 1.10	20.35 -0.56 0.00	19.11 -0.57 0.00	18.67 -0.56 0.00	20.31 -0.58 0.00	20.64 -0.63 1.27	20.85 -0.67 2.36	22.29 -0.81 3.84	23.37 -0.84 3.94	23.36 -0.82 4.17	23.47 -0.80 5.54	24.94 -0.79 4.67	30.57 -0.90 0.66	31.40 -0.87 0.00	30.77 -0.85 0.00	35.89 -1.07 0.00	38.20 -1.18 0.00	35.10 -1.08 1.01	33.78 -0.97 0.00	30.30 -0.81 0.00	29.08 -0.74 0.00	26.95 -0.75 0.00	24.24 -0.68 0.35
FLOWRFLD_69_KV_BK1 356044	29.20 3.03 -2.17	25.09 2.77 -0.02	23.36 2.45 0.00	21.87 2.19 0.00	21.30 2.08 0.00	23.97 2.44 -0.63	26.56 2.89 -1.13	28.16 3.18 -1.11	29.87 2.94 0.00	30.97 2.82 0.00	30.91 2.55 0.00	32.59 2.77 0.00	33.47 3.07 0.00	35.72 3.57 -0.02	35.93 3.65 -0.02	35.25 3.61 -0.02	45.83 4.40 -4.46	44.45 4.73 -0.35	50.44 4.42 -8.83	38.82 4.00 -0.08	34.47 3.30 -0.06	32.81 2.98 0.00	30.49 2.80 0.00	28.33 2.96 -0.10
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.69 1.68 0.00	23.85 1.54 0.00	22.34 1.42 0.00	20.95 1.26 0.00	20.36 1.13 0.00	22.17 1.27 0.00	24.28 1.56 -0.18	26.21 1.65 -0.69	28.77 1.83 0.00	30.10 1.94 0.00	30.20 1.84 0.00	31.78 1.97 0.00	32.34 1.95 0.00	34.19 2.06 0.00	34.34 2.07 0.00	33.62 1.99 0.00	39.59 2.62 0.00	42.21 2.84 0.00	39.67 2.49 0.00	37.01 2.26 0.00	32.91 1.80 0.00	31.59 1.76 0.00	29.46 1.77 0.00	26.87 1.59 0.00
FORT ORANGE____ 23900	24.56 0.82 0.27	23.07 0.76 0.00	21.66 0.75 0.00	20.32 0.63 0.00	19.82 0.60 0.00	21.62 0.73 0.00	23.45 0.86 -0.05	20.42 0.84 4.30	27.85 0.94 0.03	29.09 0.93 0.00	29.20 0.85 0.00	30.65 0.83 0.00	31.16 0.76 0.00	33.04 0.90 0.00	33.14 0.87 0.00	32.45 0.82 0.00	38.00 1.03 0.00	40.56 1.18 0.00	38.30 1.11 0.00	35.83 1.08 0.00	31.97 0.87 0.00	30.60 0.77 0.00	28.50 0.80 0.00	26.01 0.73 0.00
FORT_DRUM_COGEN 23780	25.05 0.62 -0.42	23.05 0.58 -0.16	21.35 0.44 0.00	20.10 0.41 0.00	19.59 0.37 0.00	21.27 0.38 0.00	23.21 0.47 -0.19	24.71 0.45 -0.38	27.87 0.38 -0.55	29.21 0.48 -0.57	29.38 0.43 -0.60	31.06 0.45 -0.80	31.53 0.46 -0.67	32.68 0.45 -0.10	32.66 0.39 0.00	32.07 0.44 0.00	37.49 0.52 0.00	40.01 0.63 0.00	38.00 0.67 -0.15	35.69 0.94 0.00	32.04 0.93 0.00	30.69 0.86 0.00	28.33 0.64 0.00	25.91 0.58 -0.05
FPL_FAR_ROCK_GT1 24212	28.70 2.54 -2.15	24.63 2.32 0.00	23.09 2.17 0.00	21.54 1.85 0.00	21.03 1.81 0.00	23.64 2.13 -0.62	25.99 2.39 -1.05	27.53 2.63 -1.03	29.76 2.83 0.00	30.80 2.65 0.00	30.91 2.55 0.00	32.44 2.62 0.00	33.38 2.98 0.00	35.45 3.31 0.00	35.69 3.42 0.00	34.98 3.35 0.00	41.34 4.36 -0.01	44.21 4.57 -0.27	41.75 4.13 -0.44	38.43 3.68 0.00	34.12 3.02 0.00	32.57 2.74 0.00	30.32 2.63 0.00	27.95 2.58 -0.10
FPL_FAR_ROCK_GT2 23815	28.70 2.54 -2.15	24.63 2.32 0.00	23.09 2.17 0.00	21.54 1.85 0.00	21.03 1.81 0.00	23.64 2.13 -0.62	25.99 2.39 -1.05	27.53 2.63 -1.03	29.76 2.83 0.00	30.80 2.65 0.00	30.91 2.55 0.00	32.44 2.62 0.00	33.38 2.98 0.00	35.45 3.31 0.00	35.69 3.42 0.00	34.98 3.35 0.00	41.34 4.36 -0.01	44.21 4.57 -0.27	41.75 4.13 -0.44	38.43 3.68 0.00	34.12 3.02 0.00	32.57 2.74 0.00	30.32 2.63 0.00	27.95 2.58 -0.10
FRANKLIN_FALL_HYD 24054	23.48 -0.53 0.00	21.84 -0.47 0.00	20.54 -0.38 0.00	19.37 -0.31 0.00	18.95 -0.27 0.00	20.45 -0.44 0.00	22.00 -0.54 0.00	23.35 -0.53 0.00	26.59 -0.35 0.00	27.93 -0.23 0.00	28.30 -0.06 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.36 0.22 0.00	32.40 0.13 0.00	31.82 0.19 0.00	37.12 0.15 0.00	39.73 0.35 0.00	37.70 0.52 0.00	35.24 0.49 0.00	31.45 0.34 0.00	30.09 0.27 0.00	27.83 0.14 0.00	25.53 0.25 0.00
FREEPORT_EQUS_GT1 23764	28.56 2.40 -2.15	24.50 2.19 0.00	22.96 2.05 0.00	21.42 1.73 0.00	20.92 1.69 0.00	23.52 2.01 -0.62	25.85 2.25 -1.05	27.44 2.53 -1.03	29.63 2.69 0.00	30.64 2.48 0.00	30.68 2.33 0.00	32.11 2.30 0.00	33.01 2.61 0.00	35.09 2.95 0.00	35.34 3.07 0.00	34.63 3.01 0.00	40.86 3.88 -0.01	43.70 4.06 -0.27	41.30 3.68 -0.44	38.09 3.34 0.00	33.78 2.68 0.00	32.21 2.39 0.00	30.13 2.44 0.00	27.82 2.45 -0.10
FREEPORT___CT2 23818	28.56 2.40 -2.15	24.50 2.19 0.00	22.96 2.05 0.00	21.42 1.73 0.00	20.92 1.69 0.00	23.52 2.01 -0.62	25.85 2.25 -1.05	27.44 2.53 -1.03	29.63 2.69 0.00	30.64 2.48 0.00	30.68 2.33 0.00	32.11 2.30 0.00	33.01 2.61 0.00	35.09 2.95 0.00	35.34 3.07 0.00	34.63 3.01 0.00	40.86 3.88 -0.01	43.70 4.06 -0.27	41.30 3.68 -0.44	38.09 3.34 0.00	33.78 2.68 0.00	32.21 2.39 0.00	30.13 2.44 0.00	27.82 2.45 -0.10
FRESHKLS_33_KV_LOAD 356253	25.98 1.97 0.00	24.09 1.78 0.00	22.50 1.59 0.00	21.12 1.44 0.00	20.57 1.35 0.00	22.31 1.42 0.00	24.39 1.67 -0.18	26.57 2.01 -0.69	29.16 2.24 0.01	30.56 2.42 0.02	30.50 2.15 0.01	32.19 2.39 0.01	32.79 2.40 0.01	34.44 2.31 0.01	34.65 2.39 0.01	33.96 2.34 0.01	40.10 3.14 0.01	42.67 3.31 0.02	40.11 2.94 0.01	37.10 2.36 0.01	32.84 1.74 0.01	31.85 2.03 0.01	29.78 2.10 0.02	27.20 1.92 0.00
FULTON COGEN____ 23766	24.69 -0.26 -0.94	22.42 -0.25 -0.36	20.62 -0.29 0.00	19.39 -0.30 0.00	18.94 -0.29 0.00	20.60 -0.29 0.00	22.68 -0.29 -0.43	24.38 -0.33 -0.83	27.76 -0.43 -1.25	28.99 -0.45 -1.29	29.32 -0.40 -1.36	31.27 -0.36 -1.81	31.59 -0.33 -1.52	31.90 -0.45 -0.22	31.85 -0.42 0.00	31.25 -0.38 0.00	36.45 -0.52 0.00	38.75 -0.63 0.00	36.95 -0.56 -0.33	34.30 -0.45 0.00	30.79 -0.31 0.00	29.53 -0.30 0.00	27.36 -0.33 0.00	25.09 -0.30 -0.12



FULTON___LFGE 323630	26.48 2.47 0.00	24.52 2.21 0.00	23.02 2.11 0.00	21.56 1.87 0.00	21.05 1.83 0.00	23.00 2.11 0.00	25.34 2.52 -0.28	27.50 2.58 -1.04	29.85 2.91 0.00	30.92 2.76 0.00	31.05 2.70 0.00	33.24 3.43 0.00	33.77 3.37 0.00	35.13 2.99 0.00	35.08 2.81 0.00	34.50 2.88 0.00	40.37 3.40 0.00	43.28 3.90 0.00	41.01 3.83 0.00	38.36 3.61 0.00	34.59 3.48 0.00	33.73 3.91 0.00	30.68 2.99 0.00	27.98 2.71 0.00
G.F.CEMENT___DRP 24184	26.29 2.06 -0.21	24.14 1.83 0.00	22.61 1.69 0.00	21.24 1.56 0.00	20.70 1.48 0.00	22.58 1.69 0.00	24.98 2.05 -0.39	31.08 2.13 -5.08	29.52 2.56 -0.03	30.75 2.59 0.00	30.76 2.41 0.00	32.11 2.30 0.00	32.53 2.13 0.00	34.55 2.41 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.63 2.66 0.00	42.25 2.87 0.00	40.19 3.01 0.00	37.60 2.85 0.00	33.81 2.71 0.00	32.33 2.51 0.00	29.99 2.30 0.00	27.35 2.07 0.00
GARDENVILLE___LBMP 24039	24.78 0.77 0.00	22.87 0.56 0.00	21.31 0.40 0.00	19.90 0.22 0.00	19.51 0.29 0.00	21.20 0.31 0.00	22.82 0.25 -0.03	23.86 -0.12 -0.11	26.99 0.05 0.00	28.19 0.03 0.00	28.50 0.14 0.00	30.08 0.27 0.00	30.82 0.43 0.00	32.49 0.35 0.00	32.69 0.42 0.00	32.01 0.38 0.00	36.93 -0.04 0.00	39.22 -0.16 0.00	37.22 0.04 0.00	34.99 0.24 0.00	31.82 0.72 0.00	30.51 0.69 0.00	28.16 0.47 0.00	25.96 0.68 0.00
GARDNVLA_35_KV_LD 355827	24.90 0.89 0.00	22.95 0.65 0.00	21.42 0.50 0.00	19.98 0.30 0.00	19.61 0.38 0.00	21.29 0.40 0.00	22.91 0.34 -0.03	23.96 -0.02 -0.11	27.10 0.16 0.00	28.30 0.14 0.00	28.64 0.28 0.00	30.23 0.42 0.00	30.98 0.58 0.00	32.68 0.55 0.00	32.88 0.61 0.00	32.20 0.57 0.00	37.15 0.18 0.00	39.42 0.04 0.00	37.44 0.26 0.00	35.17 0.42 0.00	31.98 0.87 0.00	30.66 0.84 0.00	28.30 0.61 0.00	26.08 0.81 0.00
GELCKHM___115KV_LOAD 80723	24.23 -0.12 -0.35	22.33 -0.11 -0.13	20.75 -0.17 0.00	19.49 -0.20 0.00	19.03 -0.19 0.00	20.72 -0.17 0.00	22.55 -0.16 -0.17	24.03 -0.19 -0.34	27.12 -0.27 -0.45	28.37 -0.25 -0.47	28.65 -0.20 -0.49	30.32 -0.15 -0.66	30.83 -0.12 -0.55	32.02 -0.19 -0.08	32.11 -0.16 0.00	31.47 -0.16 0.00	36.71 -0.26 0.00	39.02 -0.35 0.00	36.97 -0.33 -0.12	34.51 -0.24 0.00	30.98 -0.12 0.00	29.71 -0.12 0.00	27.50 -0.19 0.00	25.12 -0.20 -0.04
GENERAL___MILLS 23808	24.85 0.84 0.00	22.91 0.60 0.00	21.37 0.46 0.00	19.96 0.28 0.00	19.57 0.35 0.00	21.25 0.36 0.00	22.87 0.29 -0.03	23.91 -0.07 -0.11	27.04 0.11 0.00	28.24 0.08 0.00	28.55 0.20 0.00	30.17 0.36 0.00	30.92 0.52 0.00	32.59 0.45 0.00	32.79 0.52 0.00	32.10 0.47 0.00	37.04 0.07 0.00	39.30 -0.08 0.00	37.33 0.15 0.00	35.06 0.31 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.22 0.53 0.00	26.01 0.73 0.00
GE_PLASTICS___DRP 24183	24.61 0.79 0.19	23.07 0.76 0.00	21.60 0.69 0.00	20.32 0.63 0.00	19.80 0.58 0.00	21.56 0.67 0.00	23.48 0.83 -0.10	21.97 0.84 2.74	27.88 0.97 0.02	29.12 0.96 0.00	29.23 0.88 0.00	30.68 0.86 0.00	31.22 0.82 0.00	33.04 0.90 0.00	33.17 0.90 0.00	32.48 0.85 0.00	38.04 1.07 0.00	40.56 1.18 0.00	38.26 1.08 0.00	35.76 1.01 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.50 0.80 0.00	26.01 0.73 0.00
GILBOA___1 23756	24.92 0.91 0.00	23.18 0.87 0.00	21.75 0.84 0.00	20.39 0.71 0.00	19.90 0.67 0.00	21.69 0.79 0.00	23.65 0.92 -0.18	25.51 0.96 -0.67	28.01 1.08 0.00	29.26 1.10 0.00	29.40 1.05 0.00	30.86 1.04 0.00	31.43 1.03 0.00	33.23 1.09 0.00	33.37 1.10 0.00	32.70 1.08 0.00	38.26 1.29 0.00	40.76 1.38 0.00	38.41 1.23 0.00	35.93 1.18 0.00	32.07 0.97 0.00	30.78 0.95 0.00	28.66 0.97 0.00	26.16 0.88 0.00
GILBOA___2 23757	24.92 0.91 0.00	23.18 0.87 0.00	21.75 0.84 0.00	20.39 0.71 0.00	19.90 0.67 0.00	21.69 0.79 0.00	23.65 0.92 -0.18	25.51 0.96 -0.67	28.01 1.08 0.00	29.26 1.10 0.00	29.40 1.05 0.00	30.86 1.04 0.00	31.43 1.03 0.00	33.23 1.09 0.00	33.37 1.10 0.00	32.70 1.08 0.00	38.26 1.29 0.00	40.76 1.38 0.00	38.41 1.23 0.00	35.93 1.18 0.00	32.07 0.97 0.00	30.78 0.95 0.00	28.66 0.97 0.00	26.16 0.88 0.00
GILBOA___3 23758	24.92 0.91 0.00	23.18 0.87 0.00	21.75 0.84 0.00	20.39 0.71 0.00	19.90 0.67 0.00	21.69 0.79 0.00	23.65 0.92 -0.18	25.51 0.96 -0.67	28.01 1.08 0.00	29.26 1.10 0.00	29.40 1.05 0.00	30.86 1.04 0.00	31.43 1.03 0.00	33.23 1.09 0.00	33.37 1.10 0.00	32.70 1.08 0.00	38.26 1.29 0.00	40.76 1.38 0.00	38.41 1.23 0.00	35.93 1.18 0.00	32.07 0.97 0.00	30.78 0.95 0.00	28.66 0.97 0.00	26.16 0.88 0.00
GILBOA___4 23759	24.92 0.91 0.00	23.18 0.87 0.00	21.75 0.84 0.00	20.39 0.71 0.00	19.90 0.67 0.00	21.69 0.79 0.00	23.65 0.92 -0.18	25.51 0.96 -0.67	28.01 1.08 0.00	29.26 1.10 0.00	29.40 1.05 0.00	30.86 1.04 0.00	31.43 1.03 0.00	33.23 1.09 0.00	33.37 1.10 0.00	32.70 1.08 0.00	38.26 1.29 0.00	40.76 1.38 0.00	38.41 1.23 0.00	35.93 1.18 0.00	32.07 0.97 0.00	30.78 0.95 0.00	28.66 0.97 0.00	26.16 0.88 0.00
GILBOA___ 23599	24.92 0.91 0.00	23.16 0.85 0.00	21.69 0.77 0.00	20.40 0.71 0.00	19.88 0.65 0.00	21.64 0.75 0.00	23.65 0.92 -0.18	25.50 0.96 -0.67	28.01 1.08 0.00	29.26 1.10 0.00	29.40 1.05 0.00	30.89 1.07 0.00	31.43 1.03 0.00	33.23 1.09 0.00	33.37 1.10 0.00	32.70 1.08 0.00	38.22 1.26 0.00	40.76 1.38 0.00	38.41 1.23 0.00	35.86 1.11 0.00	32.07 0.96 0.00	30.78 0.95 0.00	28.66 0.97 0.00	26.16 0.88 0.00
GINNA___ 23603	23.29 -0.72 0.00	21.59 -0.71 0.00	20.16 -0.75 0.00	18.88 -0.81 0.00	18.47 -0.75 0.00	20.08 -0.82 0.00	21.66 -0.90 -0.02	23.00 -0.96 -0.08	25.78 -1.16 0.00	26.95 -1.21 0.00	27.28 -1.08 0.00	28.80 -1.01 0.00	29.42 -0.97 0.00	31.04 -1.09 0.00	31.17 -1.10 0.00	30.55 -1.08 0.00	35.45 -1.52 0.00	37.69 -1.69 0.00	35.77 -1.41 0.00	33.43 -1.32 0.00	30.27 -0.84 0.00	29.02 -0.80 0.00	26.86 -0.83 0.00	24.49 -0.78 0.00
GLEN PARK___ 23778	25.24 0.79 -0.44	23.21 0.74 -0.17	21.48 0.56 0.00	20.22 0.53 0.00	19.67 0.44 0.00	21.39 0.50 0.00	23.38 0.63 -0.21	24.87 0.60 -0.40	28.03 0.51 -0.58	29.37 0.62 -0.60	29.55 0.57 -0.63	31.28 0.63 -0.84	31.75 0.64 -0.71	32.85 0.61 -0.10	32.82 0.55 0.00	32.23 0.60 0.00	37.67 0.70 0.00	40.21 0.83 0.00	38.23 0.89 -0.15	35.93 1.18 0.00	32.26 1.15 0.00	31.02 1.19 0.00	28.52 0.83 0.00	26.06 0.73 -0.05
GLENDALE_27_KV_LOAD 356172	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.20 1.52 0.00	20.63 1.40 0.00	22.46 1.57 0.00	24.60 1.87 -0.18	26.81 2.24 -0.69	29.41 2.48 0.00	30.78 2.62 0.00	30.74 2.38 0.00	32.41 2.59 0.00	32.95 2.55 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.09 2.47 0.00	40.30 3.33 0.00	42.88 3.50 0.00	40.34 3.16 0.00	37.32 2.57 0.00	33.03 1.93 0.00	32.00 2.18 0.00	29.96 2.27 0.00	27.32 2.05 0.00

GLENWOOD_IC_1_G5 23712	28.27 2.11 -2.15	24.23 1.92 0.00	22.63 1.71 0.00	21.22 1.54 0.00	20.67 1.44 0.00	23.18 1.67 -0.62	25.61 2.01 -1.05	27.17 2.27 -1.03	29.31 2.37 0.00	30.52 2.37 0.00	30.62 2.27 0.00	32.05 2.24 0.00	32.77 2.37 0.00	34.68 2.54 0.00	34.88 2.61 0.00	34.19 2.56 0.00	40.26 3.29 0.00	43.15 3.50 -0.27	40.74 3.12 -0.44	37.49 2.75 0.00	33.28 2.18 0.00	31.85 2.03 0.00	29.91 2.22 0.00	27.49 2.12 -0.10
GLENWOOD_IC_2_G1 23688	28.10 1.94 -2.15	24.07 1.76 0.00	22.61 1.69 0.00	21.12 1.44 0.00	20.61 1.38 0.00	23.14 1.63 -0.62	25.45 1.85 -1.05	27.01 2.10 -1.03	29.25 2.32 0.00	30.44 2.28 0.00	30.51 2.15 0.00	31.99 2.18 0.00	32.71 2.31 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.10 2.47 0.00	40.23 3.25 -0.01	43.07 3.42 -0.27	40.67 3.05 -0.44	37.46 2.71 0.00	33.25 2.14 0.00	31.85 2.03 0.00	29.74 2.05 0.00	27.29 1.92 -0.10
GLENWOOD_IC_3_G1 23689	28.10 1.94 -2.15	24.07 1.76 0.00	22.61 1.69 0.00	21.12 1.44 0.00	20.61 1.38 0.00	23.14 1.63 -0.62	25.45 1.85 -1.05	27.01 2.10 -1.03	29.25 2.32 0.00	30.44 2.28 0.00	30.51 2.15 0.00	31.99 2.18 0.00	32.71 2.31 0.00	34.61 2.47 0.00	34.82 2.55 0.00	34.10 2.47 0.00	40.23 3.25 -0.01	43.07 3.42 -0.27	40.67 3.05 -0.44	37.46 2.71 0.00	33.25 2.14 0.00	31.85 2.03 0.00	29.74 2.05 0.00	27.29 1.92 -0.10
GLENWOOD___4 23550	28.27 2.11 -2.15	24.23 1.92 0.00	22.63 1.71 0.00	21.22 1.54 0.00	20.67 1.44 0.00	23.18 1.67 -0.62	25.61 2.01 -1.05	27.17 2.27 -1.03	29.31 2.37 0.00	30.52 2.37 0.00	30.62 2.27 0.00	32.14 2.33 0.00	32.86 2.46 0.00	34.77 2.64 0.00	34.98 2.71 0.00	34.25 2.63 0.00	40.37 3.40 0.00	43.27 3.62 -0.27	40.82 3.20 -0.44	37.60 2.85 0.00	33.38 2.27 0.00	31.94 2.12 0.00	29.91 2.22 0.00	27.49 2.12 -0.10
GLENWOOD___5 23614	28.27 2.11 -2.15	24.23 1.92 0.00	22.63 1.71 0.00	21.22 1.54 0.00	20.67 1.44 0.00	23.18 1.67 -0.62	25.61 2.01 -1.05	27.17 2.27 -1.03	29.31 2.37 0.00	30.52 2.37 0.00	30.62 2.27 0.00	32.14 2.33 0.00	32.86 2.46 0.00	34.77 2.64 0.00	34.98 2.71 0.00	34.25 2.63 0.00	40.37 3.40 0.00	43.27 3.62 -0.27	40.82 3.20 -0.44	37.60 2.85 0.00	33.38 2.27 0.00	31.94 2.12 0.00	29.91 2.22 0.00	27.49 2.12 -0.10
GLOBAL GREEN_PORT_GT1 23814	30.32 4.15 -2.16	26.11 3.79 -0.01	24.41 3.49 0.00	22.76 3.07 0.00	22.26 3.04 0.00	25.05 3.53 -0.63	27.60 3.94 -1.11	29.26 4.30 -1.09	31.49 4.55 0.00	32.27 4.11 0.00	32.18 3.83 0.00	33.78 3.97 0.00	34.93 4.53 0.00	37.32 5.18 -0.01	37.57 5.29 -0.01	36.82 5.19 -0.01	47.24 6.43 -3.84	46.55 6.85 -0.32	50.25 6.32 -6.75	40.64 5.84 -0.06	36.05 4.88 -0.06	34.24 4.41 0.00	31.62 3.93 0.00	29.36 3.99 -0.10
GLOBE___DSASP 323697	23.98 -0.02 0.00	22.15 -0.16 0.00	20.66 -0.25 0.00	19.19 -0.49 0.00	18.82 -0.40 0.00	20.56 -0.33 0.00	22.07 -0.50 -0.03	23.09 -0.88 -0.10	25.86 -1.08 0.00	26.95 -1.21 0.00	27.28 -1.08 0.00	28.74 -1.07 0.00	29.43 -0.97 0.00	31.01 -1.12 0.00	31.17 -1.10 0.00	30.52 -1.11 0.00	35.19 -1.77 0.00	37.33 -2.05 0.00	35.51 -1.67 0.00	33.39 -1.36 0.00	30.42 -0.68 0.00	29.14 -0.69 0.00	27.03 -0.66 0.00	24.92 -0.35 0.00
GOETHSLN___LBMP 323567	25.69 1.68 0.00	23.80 1.49 0.00	22.25 1.34 0.00	20.93 1.24 0.00	20.36 1.13 0.00	22.17 1.27 0.00	24.33 1.60 -0.18	26.47 1.91 -0.69	29.01 2.07 0.00	30.35 2.20 0.00	30.31 1.96 0.00	31.93 2.12 0.00	32.53 2.13 0.00	34.19 2.06 0.00	34.40 2.13 0.00	33.68 2.06 0.00	39.78 2.81 0.00	42.37 2.99 0.00	39.78 2.60 0.00	36.97 2.22 0.00	32.78 1.68 0.00	31.59 1.76 0.00	29.55 1.86 0.00	26.94 1.67 0.00
GOLAH___69_KV_TB 1_2 80279	24.68 0.67 0.00	22.87 0.56 0.00	21.33 0.42 0.00	19.96 0.28 0.00	19.55 0.33 0.00	21.25 0.36 0.00	22.93 0.36 -0.02	24.24 0.29 -0.08	27.07 0.13 0.00	28.16 0.00 0.00	28.50 0.14 0.00	30.05 0.24 0.00	30.73 0.33 0.00	32.33 0.19 0.00	32.53 0.26 0.00	31.82 0.19 0.00	36.89 -0.07 0.00	39.22 -0.16 0.00	37.29 0.11 0.00	34.99 0.24 0.00	31.66 0.56 0.00	30.33 0.51 0.00	28.08 0.39 0.00	25.76 0.48 0.00
GOODYEAR_LAKE_HYD 323669	25.34 1.25 -0.08	23.48 1.14 -0.03	21.92 1.00 0.00	20.59 0.91 0.00	20.09 0.87 0.00	21.92 1.02 0.00	23.87 1.26 -0.07	25.43 1.36 -0.19	28.55 1.51 -0.11	29.87 1.61 -0.11	30.09 1.62 -0.12	31.70 1.73 -0.16	32.23 1.70 -0.13	33.92 1.77 -0.02	34.01 1.74 0.00	33.37 1.74 0.00	38.96 2.00 0.00	41.43 2.05 0.00	39.18 1.97 -0.03	36.59 1.84 0.00	32.78 1.68 0.00	31.44 1.61 0.00	29.13 1.44 0.00	26.57 1.29 -0.01
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.81 0.60 -0.20	22.90 0.51 -0.08	21.31 0.40 0.00	20.00 0.31 0.00	19.55 0.33 0.00	21.27 0.38 0.00	23.16 0.47 -0.14	24.60 0.36 -0.37	27.66 0.46 -0.27	28.91 0.48 -0.27	29.18 0.54 -0.29	30.83 0.63 -0.39	31.42 0.70 -0.33	32.86 0.70 -0.05	33.01 0.74 0.00	32.35 0.73 0.00	37.71 0.74 0.00	40.09 0.71 0.00	37.96 0.71 -0.07	35.48 0.73 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.27 0.58 0.00	25.88 0.58 -0.02
GOUDEY___7 23579	24.83 0.62 -0.20	22.92 0.54 -0.08	21.33 0.42 0.00	20.02 0.33 0.00	19.57 0.35 0.00	21.29 0.40 0.00	23.18 0.50 -0.14	24.63 0.38 -0.37	27.71 0.51 -0.27	28.94 0.51 -0.27	29.21 0.57 -0.29	30.89 0.69 -0.39	31.45 0.73 -0.33	32.89 0.71 -0.05	33.04 0.77 0.00	32.42 0.79 0.00	37.74 0.78 0.00	40.17 0.79 0.00	38.00 0.74 -0.07	35.51 0.76 0.00	31.98 0.87 0.00	30.63 0.81 0.00	28.33 0.64 0.00	25.93 0.63 -0.02
GOUDEY___8 23580	24.81 0.60 -0.20	22.90 0.51 -0.08	21.31 0.40 0.00	20.00 0.31 0.00	19.55 0.33 0.00	21.27 0.38 0.00	23.16 0.47 -0.14	24.60 0.36 -0.37	27.66 0.46 -0.27	28.91 0.48 -0.27	29.18 0.54 -0.29	30.83 0.63 -0.39	31.42 0.70 -0.33	32.86 0.67 -0.05	33.01 0.74 0.00	32.35 0.73 0.00	37.71 0.74 0.00	40.09 0.71 0.00	37.96 0.71 -0.07	35.48 0.73 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.27 0.58 0.00	25.88 0.58 -0.02
GOWANUS_GT1_1 24077	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT1_2 24078	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00

GOWANUS_GT1_3 24079	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT1_4 24080	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT1_5 24084	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT1_6 24111	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT1_7 24112	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT1_8 24113	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT2_1 24114	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT2_2 24115	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT2_3 24116	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT2_4 24117	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT2_5 24118	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT2_6 24119	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT2_7 24120	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT2_8 24121	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT3_1 24122	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.02

GOWANUS_GT3_2 24123	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT3_3 24124	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT3_4 24125	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT3_5 24126	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT3_6 24127	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT3_7 24128	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT3_8 24129	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
GOWANUS_GT4_1 24130	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT4_2 24131	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT4_3 24132	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT4_4 24133	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT4_5 24134	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT4_6 24135	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT4_7 24136	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GOWANUS_GT4_8 24137	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00

GREENBSH_115KV_TB3 55895	24.40 0.67 0.28	22.95 0.65 0.00	21.50 0.59 0.00	20.22 0.53 0.00	19.70 0.48 0.00	21.48 0.58 0.00	23.33 0.74 -0.04	20.04 0.74 4.58	27.74 0.84 0.03	28.97 0.82 0.00	29.09 0.74 0.00	30.53 0.72 0.00	31.07 0.67 0.00	32.91 0.77 0.00	33.01 0.74 0.00	32.32 0.70 0.00	37.86 0.89 0.00	40.40 1.02 0.00	38.11 0.93 0.00	35.62 0.87 0.00	31.79 0.68 0.00	30.45 0.63 0.00	28.36 0.66 0.00	25.86 0.58 0.00
GREENDGE_115KV_TB5 80291	24.89 0.72 -0.16	22.97 0.60 -0.06	21.35 0.44 0.00	20.02 0.33 0.00	19.57 0.35 0.00	21.33 0.44 0.00	23.17 0.52 -0.11	24.57 0.43 -0.27	27.67 0.51 -0.22	28.92 0.54 -0.23	29.28 0.68 -0.24	31.03 0.89 -0.32	31.46 0.79 -0.27	32.75 0.58 -0.04	32.92 0.65 0.00	32.26 0.63 0.00	37.45 0.48 0.00	39.85 0.47 0.00	37.80 0.56 -0.06	35.41 0.66 0.00	32.01 0.90 0.00	30.93 1.10 0.00	28.47 0.78 0.00	26.05 0.76 -0.02
GREENIDGE___3 23582	24.89 0.72 -0.16	22.97 0.60 -0.06	21.35 0.44 0.00	20.02 0.33 0.00	19.57 0.35 0.00	21.33 0.44 0.00	23.17 0.52 -0.11	24.57 0.43 -0.27	27.67 0.51 -0.22	28.92 0.54 -0.23	29.28 0.68 -0.24	31.03 0.89 -0.32	31.46 0.79 -0.27	32.75 0.58 -0.04	32.92 0.65 0.00	32.26 0.63 0.00	37.45 0.48 0.00	39.85 0.47 0.00	37.80 0.56 -0.06	35.41 0.66 0.00	32.01 0.90 0.00	30.93 1.10 0.00	28.47 0.78 0.00	26.05 0.76 -0.02
GREENIDGE___4 23583	24.89 0.72 -0.16	22.97 0.60 -0.06	21.39 0.48 0.00	20.02 0.33 0.00	19.61 0.38 0.00	21.35 0.46 0.00	23.19 0.54 -0.10	24.57 0.43 -0.27	27.65 0.49 -0.22	28.92 0.53 -0.23	29.25 0.65 -0.24	31.06 0.93 -0.32	31.55 0.88 -0.27	32.75 0.58 -0.04	32.92 0.65 0.00	32.26 0.63 0.00	37.45 0.48 0.00	39.85 0.47 0.00	37.80 0.56 -0.06	35.38 0.63 0.00	32.01 0.90 0.00	31.08 1.25 0.00	28.50 0.80 0.00	26.05 0.76 -0.02
GREENLWN_69_KV_BK 3 55738	28.39 2.23 -2.15	24.36 2.05 0.00	22.71 1.80 0.00	21.28 1.59 0.00	20.70 1.48 0.00	23.30 1.80 -0.61	25.82 2.23 -1.04	27.45 2.55 -1.01	29.28 2.34 0.00	30.38 2.22 0.00	30.31 1.96 0.00	31.84 2.03 0.00	32.65 2.25 0.00	34.70 2.57 0.00	34.94 2.68 0.00	34.25 2.63 0.00	39.57 3.33 0.72	43.37 3.74 -0.25	39.75 3.53 0.96	37.55 2.81 0.02	33.33 2.24 0.02	31.79 1.97 0.00	29.85 2.16 0.00	27.62 2.25 -0.10
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00
GRISSOM___SOLAR 323813	26.48 2.47 0.00	24.52 2.21 0.00	23.02 2.11 0.00	21.56 1.87 0.00	21.05 1.83 0.00	23.00 2.11 0.00	25.34 2.52 -0.28	27.50 2.58 -1.04	29.85 2.91 0.00	30.92 2.76 0.00	31.05 2.70 0.00	33.24 3.43 0.00	33.77 3.37 0.00	35.13 2.99 0.00	35.08 2.81 0.00	34.50 2.88 0.00	40.37 3.40 0.00	43.28 3.90 0.00	41.01 3.83 0.00	38.36 3.61 0.00	34.59 3.48 0.00	33.73 3.91 0.00	30.68 2.99 0.00	27.98 2.71 0.00
GROVEVILLE___HYD 323602	25.69 1.68 0.00	23.85 1.54 0.00	22.34 1.42 0.00	20.95 1.26 0.00	20.36 1.13 0.00	22.17 1.27 0.00	24.28 1.56 -0.18	26.21 1.65 -0.69	28.77 1.83 0.00	30.10 1.94 0.00	30.20 1.84 0.00	31.78 1.97 0.00	32.34 1.95 0.00	34.19 2.06 0.00	34.34 2.07 0.00	33.62 1.99 0.00	39.59 2.62 0.00	42.21 2.84 0.00	39.67 2.49 0.00	37.01 2.26 0.00	32.91 1.80 0.00	31.59 1.76 0.00	29.46 1.77 0.00	26.87 1.59 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.58 0.05 -0.53	22.55 0.04 -0.20	20.89 -0.02 0.00	19.63 -0.06 0.00	19.17 -0.06 0.00	20.87 -0.02 0.00	22.80 0.00 -0.26	24.37 -0.02 -0.52	27.60 -0.05 -0.72	28.87 -0.03 -0.74	29.17 0.03 -0.78	31.01 0.15 -1.04	31.43 0.15 -0.88	32.36 0.10 -0.12	32.40 0.13 0.00	31.75 0.13 0.00	37.00 0.04 0.00	39.34 -0.04 0.00	37.37 0.00 -0.19	34.78 0.03 0.00	31.26 0.16 0.00	29.97 0.15 0.00	27.72 0.03 0.00	25.37 0.03 -0.07
HAMLTNNY_34_KV_TB 80303	24.72 0.17 -0.54	22.69 0.18 -0.21	21.00 0.08 0.00	19.73 0.04 0.00	19.26 0.04 0.00	20.98 0.08 0.00	22.95 0.14 -0.27	24.53 0.12 -0.54	27.79 0.11 -0.75	29.07 0.14 -0.77	29.36 0.20 -0.81	31.16 0.27 -1.08	31.61 0.30 -0.91	32.55 0.29 -0.13	32.59 0.32 0.00	31.97 0.35 0.00	37.23 0.26 0.00	39.58 0.20 0.00	37.60 0.22 -0.20	34.99 0.24 0.00	31.45 0.34 0.00	30.18 0.36 0.00	27.89 0.19 0.00	25.50 0.15 -0.07
HAMPSHIRE___PAPER_HYD 323593	24.18 0.00 -0.18	22.37 0.00 -0.07	20.85 -0.06 0.00	19.71 0.02 0.00	19.15 -0.08 0.00	20.64 -0.25 0.00	22.31 -0.32 -0.08	23.68 -0.36 -0.16	26.77 -0.40 -0.23	28.03 -0.37 -0.24	28.27 -0.34 -0.25	29.82 -0.33 -0.34	30.38 -0.30 -0.28	31.82 -0.35 -0.04	31.85 -0.42 0.00	31.25 -0.38 0.00	36.49 -0.48 0.00	38.95 -0.43 0.00	36.94 -0.30 -0.06	34.54 -0.21 0.00	30.95 -0.15 0.00	29.74 -0.09 0.00	27.50 -0.19 0.00	25.30 0.00 -0.02
HARDSCRABBLE_WT_PWR 323673	23.94 -0.07 0.00	22.22 -0.09 0.00	20.85 -0.06 0.00	19.61 -0.08 0.00	19.15 -0.08 0.00	20.85 -0.04 0.00	22.54 0.00 0.00	23.88 0.00 0.00	26.99 0.05 0.00	28.24 0.08 0.00	28.41 0.06 0.00	30.05 0.24 0.00	30.61 0.21 0.00	32.20 0.06 0.00	32.24 -0.03 0.00	31.56 -0.06 0.00	36.93 -0.04 0.00	39.26 -0.12 0.00	37.07 -0.11 0.00	34.64 -0.10 0.00	31.01 -0.09 0.00	29.98 0.15 0.00	27.69 0.00 0.00	25.28 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.50 1.49 0.00	23.67 1.36 0.00	22.15 1.23 0.00	20.79 1.10 0.00	20.22 1.00 0.00	22.02 1.13 0.00	24.11 1.40 -0.17	26.04 1.53 -0.63	28.63 1.70 0.00	29.93 1.77 0.00	30.03 1.67 0.00	31.66 1.85 0.00	32.25 1.85 0.00	34.03 1.90 0.00	34.17 1.90 0.00	33.49 1.87 0.00	39.48 2.51 0.00	42.02 2.64 0.00	39.49 2.31 0.00	36.80 2.05 0.00	32.75 1.65 0.00	31.44 1.61 0.00	29.30 1.61 0.00	26.72 1.44 0.00
HARSNRAD_115KV_TB1 81005	24.47 0.46 0.00	22.58 0.27 0.00	21.06 0.15 0.00	19.71 0.02 0.00	19.30 0.08 0.00	20.93 0.04 0.00	22.52 -0.05 -0.03	23.64 -0.33 -0.10	26.56 -0.38 0.00	27.68 -0.48 0.00	28.01 -0.34 0.00	29.58 -0.24 0.00	30.28 -0.12 0.00	31.91 -0.22 0.00	32.08 -0.19 0.00	31.41 -0.22 0.00	36.23 -0.74 0.00	38.43 -0.95 0.00	36.59 -0.59 0.00	34.37 -0.38 0.00	31.29 0.19 0.00	30.00 0.18 0.00	27.78 0.08 0.00	25.58 0.30 0.00
HARZA MOOSE___RIVER 24016	24.68 0.53 -0.15	22.83 0.47 -0.06	21.29 0.38 0.00	20.04 0.35 0.00	19.55 0.33 0.00	21.23 0.33 0.00	23.04 0.43 -0.07	24.50 0.48 -0.15	27.65 0.51 -0.20	28.95 0.59 -0.20	29.14 0.57 -0.22	30.79 0.69 -0.29	31.34 0.70 -0.24	32.81 0.64 -0.03	32.88 0.61 0.00	32.26 0.63 0.00	37.63 0.67 0.00	40.09 0.71 0.00	37.98 0.74 -0.05	35.58 0.83 0.00	31.88 0.78 0.00	30.57 0.75 0.00	28.27 0.58 0.00	25.82 0.53 -0.02

HDSNBRDG_115KV_BRDG_TB1 355580	24.22 -0.07 -0.28	22.33 -0.09 -0.11	20.77 -0.15 0.00	19.53 -0.16 0.00	19.07 -0.15 0.00	20.75 -0.15 0.00	22.58 -0.11 -0.15	24.01 -0.17 -0.30	27.08 -0.24 -0.39	28.30 -0.25 -0.40	28.61 -0.17 -0.42	30.25 -0.12 -0.56	30.78 -0.09 -0.47	32.04 -0.16 -0.07	32.14 -0.13 0.00	31.50 -0.13 0.00	36.75 -0.22 0.00	39.06 -0.32 0.00	36.99 -0.30 -0.10	34.54 -0.21 0.00	31.01 -0.09 0.00	29.74 -0.09 0.00	27.50 -0.19 0.00	25.13 -0.18 -0.04
HELLGATE_13_KV_LD 55870	25.93 1.92 0.00	24.05 1.74 0.00	22.48 1.57 0.00	21.12 1.44 0.00	20.57 1.35 0.00	22.37 1.48 0.00	24.51 1.78 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.61 2.45 0.00	30.54 2.18 0.00	32.20 2.39 0.00	32.74 2.34 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.04 3.07 0.00	42.57 3.19 0.00	40.08 2.90 0.00	37.08 2.33 0.00	32.82 1.71 0.00	31.79 1.97 0.00	29.82 2.13 0.00	27.20 1.92 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.93 1.92 0.00	24.05 1.74 0.00	22.48 1.57 0.00	21.12 1.44 0.00	20.57 1.35 0.00	22.37 1.48 0.00	24.51 1.78 -0.18	26.69 2.13 -0.69	29.23 2.29 0.00	30.61 2.45 0.00	30.54 2.18 0.00	32.20 2.39 0.00	32.74 2.34 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.04 3.07 0.00	42.57 3.19 0.00	40.08 2.90 0.00	37.08 2.33 0.00	32.82 1.71 0.00	31.79 1.97 0.00	29.82 2.13 0.00	27.20 1.92 0.00
HEMPSTEAD____ 23647	28.30 2.14 -2.15	24.27 1.96 0.00	22.75 1.84 0.00	21.24 1.55 0.00	20.74 1.52 0.00	23.31 1.80 -0.62	25.65 2.05 -1.05	27.22 2.32 -1.03	29.41 2.48 0.00	30.44 2.28 0.00	30.51 2.15 0.00	31.87 2.06 0.00	32.74 2.34 0.00	34.77 2.64 0.00	34.98 2.71 0.00	34.28 2.66 0.00	40.45 3.47 -0.01	43.27 3.62 -0.27	40.85 3.23 -0.44	37.67 2.92 0.00	33.41 2.30 0.00	31.88 2.06 0.00	29.85 2.16 0.00	27.55 2.17 -0.10
HEWLETT__69_KV_BK3 55828	28.56 2.40 -2.15	24.52 2.21 0.00	22.88 1.97 0.00	21.44 1.75 0.00	20.88 1.65 0.00	23.45 1.94 -0.62	25.85 2.25 -1.05	27.41 2.51 -1.03	29.44 2.51 0.00	30.58 2.42 0.00	30.65 2.30 0.00	32.38 2.56 0.00	33.20 2.80 0.00	35.22 3.09 0.00	35.46 3.19 0.00	34.73 3.10 0.00	40.96 3.99 0.00	43.90 4.25 -0.27	41.45 3.83 -0.44	38.15 3.41 0.00	33.87 2.77 0.00	32.33 2.51 0.00	30.18 2.49 0.00	27.80 2.43 -0.10
HICKLING___1 23621	25.22 1.06 -0.16	23.28 0.91 -0.06	21.62 0.71 0.00	20.26 0.57 0.00	19.82 0.60 0.00	21.58 0.69 0.00	23.45 0.79 -0.11	24.75 0.57 -0.30	27.96 0.81 -0.22	29.20 0.82 -0.23	29.56 0.96 -0.24	31.24 1.10 -0.32	31.85 1.19 -0.27	33.40 1.22 -0.04	33.59 1.32 0.00	32.92 1.30 0.00	38.22 1.26 0.00	40.60 1.22 0.00	38.47 1.23 -0.06	36.03 1.29 0.00	32.63 1.52 0.00	31.29 1.46 0.00	28.77 1.08 0.00	26.38 1.09 -0.02
HICKLING___2 23622	25.22 1.06 -0.16	23.28 0.91 -0.06	21.62 0.71 0.00	20.26 0.57 0.00	19.82 0.60 0.00	21.58 0.69 0.00	23.45 0.79 -0.11	24.75 0.57 -0.30	27.96 0.81 -0.22	29.20 0.82 -0.23	29.56 0.96 -0.24	31.24 1.10 -0.32	31.85 1.19 -0.27	33.40 1.22 -0.04	33.59 1.32 0.00	32.92 1.30 0.00	38.22 1.26 0.00	40.60 1.22 0.00	38.47 1.23 -0.06	36.03 1.29 0.00	32.63 1.52 0.00	31.29 1.46 0.00	28.77 1.08 0.00	26.38 1.09 -0.02
HIGH FALLS___HY 23754	25.52 1.54 0.03	23.69 1.38 0.00	22.15 1.23 0.00	20.79 1.10 0.00	20.20 0.98 0.00	22.00 1.11 0.00	24.06 1.35 -0.16	25.45 1.48 -0.09	28.52 1.59 0.00	29.85 1.69 0.00	29.94 1.59 0.00	31.57 1.76 0.00	32.16 1.76 0.00	33.94 1.80 0.00	34.11 1.84 0.00	33.43 1.80 0.00	39.41 2.44 0.00	41.98 2.60 0.00	39.45 2.27 0.00	36.76 2.02 0.00	32.69 1.59 0.00	31.41 1.58 0.00	29.30 1.61 0.00	26.72 1.44 0.00
HILLBURN___GT 23639	25.52 1.51 0.00	23.67 1.36 0.00	22.25 1.34 0.00	20.79 1.10 0.00	20.28 1.06 0.00	22.12 1.23 0.00	24.16 1.44 -0.17	26.17 1.65 -0.64	28.79 1.86 0.00	30.07 1.92 0.00	30.14 1.79 0.00	31.78 1.97 0.00	32.40 2.01 0.00	34.13 1.99 0.00	34.34 2.07 0.00	33.62 1.99 0.00	39.63 2.66 0.00	42.18 2.80 0.00	39.60 2.42 0.00	36.90 2.16 0.00	32.78 1.68 0.00	31.58 1.76 0.00	29.33 1.63 0.00	26.74 1.47 0.00
HILLSIDE_115KV_TB1 80332	24.73 0.55 -0.17	22.82 0.45 -0.06	21.23 0.31 0.00	19.88 0.20 0.00	19.45 0.23 0.00	21.16 0.27 0.00	23.02 0.36 -0.12	24.28 0.10 -0.31	27.43 0.27 -0.23	28.65 0.25 -0.23	28.94 0.34 -0.25	30.62 0.48 -0.33	31.25 0.58 -0.28	32.69 0.51 -0.04	32.92 0.65 0.00	32.26 0.63 0.00	37.45 0.48 0.00	39.81 0.43 0.00	37.72 0.48 -0.06	35.27 0.52 0.00	31.91 0.81 0.00	30.57 0.75 0.00	28.16 0.47 0.00	25.85 0.56 -0.02
HISHELDN_WT_PWR 323625	24.68 0.67 0.00	22.78 0.47 0.00	21.29 0.38 0.00	19.86 0.18 0.00	19.49 0.27 0.00	21.16 0.27 0.00	22.78 0.20 -0.03	23.87 -0.12 -0.11	26.94 0.00 0.00	28.16 0.00 0.00	28.47 0.11 0.00	30.14 0.33 0.00	30.88 0.48 0.00	32.46 0.32 0.00	32.66 0.39 0.00	31.98 0.35 0.00	36.86 -0.11 0.00	39.18 -0.20 0.00	37.26 0.07 0.00	34.89 0.14 0.00	31.82 0.72 0.00	30.60 0.77 0.00	28.22 0.52 0.00	25.93 0.66 0.00
HOLTSVILLE_IC_1 23690	29.00 2.83 -2.16	24.93 2.61 -0.01	23.34 2.42 0.00	21.75 2.07 0.00	21.26 2.04 0.00	23.92 2.40 -0.63	26.36 2.70 -1.11	27.95 2.98 -1.08	30.03 3.10 0.00	30.78 2.62 0.00	30.68 2.33 0.00	32.08 2.26 0.00	33.10 2.70 0.00	35.33 3.18 -0.01	35.54 3.26 -0.01	34.83 3.19 -0.01	44.74 3.99 -3.77	43.92 4.22 -0.32	47.69 3.87 -6.64	38.45 3.65 -0.06	34.12 2.96 -0.06	32.39 2.57 0.00	30.21 2.52 0.00	28.10 2.73 -0.10
HOLTSVILLE_IC_10 23699	29.22 3.05 -2.16	25.13 2.81 -0.01	23.51 2.59 0.00	21.91 2.22 0.00	21.41 2.19 0.00	24.11 2.59 -0.63	26.57 2.91 -1.12	28.17 3.20 -1.09	30.28 3.34 0.00	31.03 2.87 0.00	30.93 2.58 0.00	32.35 2.53 0.00	33.38 2.98 0.00	35.68 3.54 -0.01	35.89 3.61 -0.01	35.18 3.54 -0.01	45.46 4.47 -4.02	44.35 4.64 -0.33	48.53 4.31 -7.04	38.84 4.03 -0.06	34.46 3.30 -0.06	32.66 2.83 0.00	30.46 2.77 0.00	28.30 2.93 -0.10
HOLTSVILLE_IC_2 23691	29.00 2.83 -2.16	24.93 2.61 -0.01	23.34 2.42 0.00	21.75 2.07 0.00	21.26 2.04 0.00	23.92 2.40 -0.63	26.36 2.70 -1.11	27.95 2.98 -1.08	30.03 3.10 0.00	30.78 2.62 0.00	30.68 2.33 0.00	32.08 2.26 0.00	33.10 2.70 0.00	35.33 3.18 -0.01	35.54 3.26 -0.01	34.83 3.19 -0.01	44.74 3.99 -3.77	43.92 4.22 -0.32	47.69 3.87 -6.64	38.45 3.65 -0.06	34.12 2.96 -0.06	32.39 2.57 0.00	30.21 2.52 0.00	28.10 2.73 -0.10
HOLTSVILLE_IC_3 23692	29.00 2.83 -2.16	24.93 2.61 -0.01	23.34 2.42 0.00	21.75 2.07 0.00	21.26 2.04 0.00	23.92 2.40 -0.63	26.36 2.70 -1.11	27.95 2.98 -1.08	30.03 3.10 0.00	30.78 2.62 0.00	30.68 2.33 0.00	32.08 2.26 0.00	33.10 2.70 0.00	35.33 3.18 -0.01	35.54 3.26 -0.01	34.83 3.19 -0.01	44.74 3.99 -3.77	43.92 4.22 -0.32	47.69 3.87 -6.64	38.45 3.65 -0.06	34.12 2.96 -0.06	32.39 2.57 0.00	30.21 2.52 0.00	28.10 2.73 -0.10

HOLTSVILLE_IC_4 23693	29.00 2.83 -2.16	24.93 2.61 -0.01	23.34 2.42 0.00	21.75 2.07 0.00	21.26 2.04 0.00	23.92 2.40 -0.63	26.36 2.70 -1.11	27.95 2.98 -1.08	30.03 3.10 0.00	30.78 2.62 0.00	30.68 2.33 0.00	32.08 2.26 0.00	33.10 2.70 0.00	35.33 3.18 -0.01	35.54 3.26 -0.01	34.83 3.19 -0.01	44.74 3.99 -3.77	43.92 4.22 -0.32	47.69 3.87 -6.64	38.45 3.65 -0.06	34.12 2.96 -0.06	32.39 2.57 0.00	30.21 2.52 0.00	28.10 2.73 -0.10
HOLTSVILLE_IC_5 23694	29.00 2.83 -2.16	24.93 2.61 -0.01	23.34 2.42 0.00	21.75 2.07 0.00	21.26 2.04 0.00	23.92 2.40 -0.63	26.36 2.70 -1.11	27.95 2.98 -1.08	30.03 3.10 0.00	30.78 2.62 0.00	30.68 2.33 0.00	32.08 2.26 0.00	33.10 2.70 0.00	35.33 3.18 -0.01	35.54 3.26 -0.01	34.83 3.19 -0.01	44.74 3.99 -3.77	43.92 4.22 -0.32	47.69 3.87 -6.64	38.45 3.65 -0.06	34.12 2.96 -0.06	32.39 2.57 0.00	30.21 2.52 0.00	28.10 2.73 -0.10
HOLTSVILLE_IC_6 23695	29.22 3.05 -2.16	25.13 2.81 -0.01	23.51 2.59 0.00	21.91 2.22 0.00	21.41 2.19 0.00	24.11 2.59 -0.63	26.57 2.91 -1.12	28.17 3.20 -1.09	30.28 3.34 0.00	31.03 2.87 0.00	30.93 2.58 0.00	32.35 2.53 0.00	33.38 2.98 0.00	35.68 3.54 -0.01	35.89 3.61 -0.01	35.18 3.54 -0.01	45.46 4.47 -4.02	44.35 4.64 -0.33	48.53 4.31 -7.04	38.84 4.03 -0.06	34.46 3.30 -0.06	32.66 2.83 0.00	30.46 2.77 0.00	28.30 2.93 -0.10
HOLTSVILLE_IC_7 23696	29.22 3.05 -2.16	25.13 2.81 -0.01	23.51 2.59 0.00	21.91 2.22 0.00	21.41 2.19 0.00	24.11 2.59 -0.63	26.57 2.91 -1.12	28.17 3.20 -1.09	30.28 3.34 0.00	31.03 2.87 0.00	30.93 2.58 0.00	32.35 2.53 0.00	33.38 2.98 0.00	35.68 3.54 -0.01	35.89 3.61 -0.01	35.18 3.54 -0.01	45.46 4.47 -4.02	44.35 4.64 -0.33	48.53 4.31 -7.04	38.84 4.03 -0.06	34.46 3.30 -0.06	32.66 2.83 0.00	30.46 2.77 0.00	28.30 2.93 -0.10
HOLTSVILLE_IC_8 23697	29.22 3.05 -2.16	25.13 2.81 -0.01	23.51 2.59 0.00	21.91 2.22 0.00	21.41 2.19 0.00	24.11 2.59 -0.63	26.57 2.91 -1.12	28.17 3.20 -1.09	30.28 3.34 0.00	31.03 2.87 0.00	30.93 2.58 0.00	32.35 2.53 0.00	33.38 2.98 0.00	35.68 3.54 -0.01	35.89 3.61 -0.01	35.18 3.54 -0.01	45.46 4.47 -4.02	44.35 4.64 -0.33	48.53 4.31 -7.04	38.84 4.03 -0.06	34.46 3.30 -0.06	32.66 2.83 0.00	30.46 2.77 0.00	28.30 2.93 -0.10
HOLTSVILLE_IC_9 23698	29.22 3.05 -2.16	25.13 2.81 -0.01	23.51 2.59 0.00	21.91 2.22 0.00	21.41 2.19 0.00	24.11 2.59 -0.63	26.57 2.91 -1.12	28.17 3.20 -1.09	30.28 3.34 0.00	31.03 2.87 0.00	30.93 2.58 0.00	32.35 2.53 0.00	33.38 2.98 0.00	35.68 3.54 -0.01	35.89 3.61 -0.01	35.18 3.54 -0.01	45.46 4.47 -4.02	44.35 4.64 -0.33	48.53 4.31 -7.04	38.84 4.03 -0.06	34.46 3.30 -0.06	32.66 2.83 0.00	30.46 2.77 0.00	28.30 2.93 -0.10
HOMER_HL_115KV_TB2 355744	24.87 0.86 0.00	22.95 0.65 0.00	21.39 0.48 0.00	19.98 0.30 0.00	19.61 0.38 0.00	21.29 0.40 0.00	23.05 0.47 -0.03	23.66 0.47 -0.12	27.26 0.32 0.00	28.41 0.25 0.00	28.72 0.37 0.00	30.26 0.45 0.00	31.04 0.64 0.00	32.78 0.64 0.00	33.08 0.81 0.00	32.42 0.79 0.00	37.49 0.52 0.00	39.81 0.43 0.00	37.70 0.52 0.00	35.37 0.63 0.00	32.19 1.09 0.00	30.81 0.98 0.00	28.30 0.61 0.00	26.14 0.86 0.00
HOWARD_WT_PWR 323690	25.25 1.13 -0.11	23.27 0.91 -0.04	21.69 0.77 0.00	20.24 0.55 0.00	19.88 0.65 0.00	21.62 0.73 0.00	23.42 0.79 -0.09	25.07 0.88 -0.31	28.27 1.08 -0.25	29.69 1.27 -0.26	30.02 1.39 -0.28	32.18 2.00 -0.37	32.80 2.10 -0.31	33.82 1.64 -0.04	33.53 1.26 0.00	32.83 1.20 0.00	37.97 1.00 0.00	40.36 0.98 0.00	38.38 1.15 -0.04	35.96 1.22 0.00	32.72 1.62 0.00	31.58 1.76 0.00	28.99 1.30 0.00	26.58 1.29 -0.01
HQ_GEN_CEDARS 23644	23.65 -0.36 0.00	22.00 -0.31 0.00	20.68 -0.23 0.00	19.53 -0.16 0.00	19.24 0.02 0.00	20.58 -0.31 0.00	22.00 -0.54 0.00	23.30 -0.57 0.00	26.34 -0.59 0.00	27.57 -0.59 0.00	27.82 -0.54 0.00	29.28 -0.54 0.00	29.91 -0.49 0.00	31.62 -0.51 0.00	31.69 -0.58 0.00	31.06 -0.57 0.00	36.27 -0.70 0.00	38.75 -0.63 0.00	36.62 -0.56 0.00	34.23 -0.52 0.00	30.64 -0.47 0.00	29.35 -0.48 0.00	27.22 -0.47 0.00	25.00 -0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	23.65 -0.36 0.00	22.00 -0.31 0.00	20.60 -0.31 0.00	19.53 -0.16 0.00	19.03 -0.19 0.00	20.52 -0.38 0.00	22.00 -0.54 0.00	23.30 -0.57 0.00	26.34 -0.59 0.00	27.57 -0.59 0.00	27.82 -0.54 0.00	29.28 -0.54 0.00	29.91 -0.49 0.00	31.62 -0.52 0.00	31.69 -0.58 0.00	31.06 -0.57 0.00	36.26 -0.70 0.00	38.75 -0.63 0.00	36.62 -0.56 0.00	34.19 -0.56 0.00	30.64 -0.47 0.00	29.35 -0.48 0.00	27.22 -0.47 0.00	25.00 -0.28 0.00
HQ_GEN_IMPORT 323601	23.62 -0.39 0.00	21.97 -0.33 0.00	20.60 -0.31 0.00	19.49 -0.20 0.00	19.01 -0.21 0.00	20.60 -0.29 0.00	22.16 -0.38 0.00	23.49 -0.38 0.00	26.50 -0.43 0.00	27.74 -0.42 0.00	27.96 -0.40 0.00	29.40 -0.42 0.00	29.97 -0.43 0.00	31.72 -0.42 0.00	31.82 -0.45 0.00	31.18 -0.44 0.00	36.45 -0.52 0.00	38.87 -0.51 0.00	36.70 -0.48 0.00	34.30 -0.45 0.00	30.70 -0.41 0.00	29.41 -0.42 0.00	27.30 -0.39 0.00	24.95 -0.33 0.00
HQ_GEN_WHEEL 23651	23.62 -0.39 0.00	21.97 -0.33 0.00	20.60 -0.31 0.00	19.49 -0.20 0.00	19.01 -0.21 0.00	20.60 -0.29 0.00	22.16 -0.38 0.00	23.49 -0.38 0.00	26.50 -0.43 0.00	27.74 -0.42 0.00	27.96 -0.40 0.00	29.40 -0.42 0.00	29.97 -0.43 0.00	31.72 -0.42 0.00	31.82 -0.45 0.00	31.18 -0.44 0.00	36.45 -0.52 0.00	38.87 -0.51 0.00	36.70 -0.48 0.00	34.30 -0.45 0.00	30.70 -0.41 0.00	29.41 -0.42 0.00	27.30 -0.39 0.00	24.95 -0.33 0.00
HUDSON_AVE_GT_3 23810	25.83 1.82 0.00	23.96 1.65 0.00	22.40 1.48 0.00	21.04 1.36 0.00	20.47 1.25 0.00	22.29 1.40 0.00	24.46 1.74 -0.18	26.62 2.05 -0.69	29.20 2.26 0.00	30.55 2.39 0.00	30.51 2.15 0.00	32.14 2.33 0.00	32.74 2.34 0.00	34.45 2.31 0.00	34.66 2.39 0.00	33.94 2.31 0.00	40.07 3.11 0.00	42.69 3.31 0.00	40.08 2.90 0.00	37.25 2.50 0.00	33.00 1.90 0.00	31.82 2.00 0.00	29.74 2.05 0.00	27.10 1.82 0.00
HUDSON_AVE_GT_4 23540	25.83 1.82 0.00	23.96 1.65 0.00	22.40 1.48 0.00	21.04 1.36 0.00	20.47 1.25 0.00	22.29 1.40 0.00	24.46 1.74 -0.18	26.62 2.05 -0.69	29.20 2.26 0.00	30.55 2.39 0.00	30.51 2.15 0.00	32.14 2.33 0.00	32.74 2.34 0.00	34.45 2.31 0.00	34.66 2.39 0.00	33.94 2.31 0.00	40.07 3.11 0.00	42.69 3.31 0.00	40.08 2.90 0.00	37.25 2.50 0.00	33.00 1.90 0.00	31.82 2.00 0.00	29.74 2.05 0.00	27.10 1.82 0.00
HUDSON_AVE_GT_5 23657	25.83 1.82 0.00	23.96 1.65 0.00	22.40 1.48 0.00	21.04 1.36 0.00	20.47 1.25 0.00	22.29 1.40 0.00	24.46 1.74 -0.18	26.62 2.05 -0.69	29.20 2.26 0.00	30.55 2.39 0.00	30.51 2.15 0.00	32.14 2.33 0.00	32.74 2.34 0.00	34.45 2.31 0.00	34.66 2.39 0.00	33.94 2.31 0.00	40.07 3.11 0.00	42.69 3.31 0.00	40.08 2.90 0.00	37.25 2.50 0.00	33.00 1.90 0.00	31.82 2.00 0.00	29.74 2.05 0.00	27.10 1.82 0.00

HUDSON_AVE_10 24168	25.79 1.78 0.00	23.91 1.61 0.00	22.36 1.44 0.00	21.01 1.32 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.42 1.69 -0.18	26.59 2.03 -0.69	29.17 2.24 0.00	30.50 2.34 0.00	30.42 2.07 0.00	32.02 2.21 0.00	32.62 2.22 0.00	34.32 2.19 0.00	34.53 2.26 0.00	33.81 2.18 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.15 2.40 0.00	32.91 1.80 0.00	31.73 1.91 0.00	29.69 1.99 0.00	27.07 1.79 0.00
HUDSON___115KV_TB 4 355613	25.00 1.20 0.21	23.33 1.03 0.00	21.88 0.96 0.00	20.55 0.87 0.00	19.99 0.77 0.00	21.79 0.90 0.00	23.80 1.17 -0.09	21.87 1.12 3.13	28.15 1.24 0.02	29.34 1.18 0.00	29.52 1.16 0.00	30.98 1.16 0.00	31.49 1.09 0.00	33.39 1.25 0.00	33.50 1.23 0.00	32.80 1.17 0.00	38.41 1.44 0.00	41.03 1.65 0.00	38.78 1.60 0.00	36.31 1.56 0.00	32.44 1.34 0.00	31.08 1.25 0.00	28.91 1.22 0.00	26.36 1.09 0.00
HUNTER MOUNT___DRP 323613	25.17 1.32 0.16	23.42 1.12 0.00	21.96 1.05 0.00	20.61 0.93 0.00	20.03 0.81 0.00	21.83 0.94 0.00	23.92 1.26 -0.11	22.77 1.17 2.28	28.13 1.21 0.02	29.31 1.15 0.00	29.49 1.13 0.00	30.92 1.10 0.00	31.40 1.00 0.00	33.39 1.25 0.00	33.43 1.16 0.00	32.77 1.14 0.00	38.37 1.40 0.00	40.99 1.61 0.00	38.78 1.60 0.00	36.35 1.60 0.00	32.50 1.40 0.00	31.14 1.31 0.00	28.97 1.27 0.00	26.41 1.14 0.00
HUNTINGTON_RES_REC 323705	28.79 2.64 -2.14	24.70 2.41 0.01	23.15 2.24 0.00	21.58 1.89 0.00	21.09 1.86 0.00	23.71 2.21 -0.60	26.10 2.55 -1.01	27.72 2.86 -0.98	29.90 2.96 0.00	30.75 2.59 0.00	30.68 2.33 0.00	32.02 2.21 0.00	33.04 2.64 0.00	35.29 3.12 -0.04	35.50 3.20 -0.04	34.80 3.13 -0.04	47.63 4.21 -6.45	44.17 4.37 -0.42	57.28 4.05 -16.05	38.41 3.51 -0.16	34.06 2.80 -0.16	32.21 2.39 0.00	30.21 2.52 0.00	28.00 2.63 -0.10
HUNTLEY___63 23557	24.71 0.70 0.00	22.78 0.47 0.00	21.25 0.33 0.00	19.82 0.14 0.00	19.44 0.21 0.00	21.14 0.25 0.00	22.71 0.14 -0.03	23.81 -0.17 -0.10	26.80 -0.13 0.00	27.99 -0.17 0.00	28.30 -0.06 0.00	29.87 0.06 0.00	30.61 0.21 0.00	32.17 0.03 0.00	32.30 0.03 0.00	31.63 0.00 0.00	36.49 -0.48 0.00	38.75 -0.63 0.00	36.81 -0.37 0.00	34.58 -0.17 0.00	31.48 0.37 0.00	30.27 0.45 0.00	27.97 0.28 0.00	25.78 0.51 0.00
HUNTLEY___64 23558	24.71 0.70 0.00	22.78 0.47 0.00	21.25 0.33 0.00	19.82 0.14 0.00	19.44 0.21 0.00	21.14 0.25 0.00	22.71 0.14 -0.03	23.81 -0.17 -0.10	26.80 -0.13 0.00	27.99 -0.17 0.00	28.30 -0.06 0.00	29.87 0.06 0.00	30.61 0.21 0.00	32.17 0.03 0.00	32.30 0.03 0.00	31.63 0.00 0.00	36.49 -0.48 0.00	38.75 -0.63 0.00	36.81 -0.37 0.00	34.58 -0.17 0.00	31.48 0.37 0.00	30.27 0.45 0.00	27.97 0.28 0.00	25.78 0.51 0.00
HUNTLEY___65 23559	24.71 0.70 0.00	22.78 0.47 0.00	21.25 0.33 0.00	19.82 0.14 0.00	19.44 0.21 0.00	21.14 0.25 0.00	22.71 0.14 -0.03	23.81 -0.17 -0.10	26.80 -0.13 0.00	27.99 -0.17 0.00	28.30 -0.06 0.00	29.87 0.06 0.00	30.61 0.21 0.00	32.17 0.03 0.00	32.30 0.03 0.00	31.63 0.00 0.00	36.49 -0.48 0.00	38.75 -0.63 0.00	36.81 -0.37 0.00	34.58 -0.17 0.00	31.48 0.37 0.00	30.27 0.45 0.00	27.97 0.28 0.00	25.78 0.51 0.00
HUNTLEY___66 23560	24.71 0.70 0.00	22.78 0.47 0.00	21.25 0.33 0.00	19.82 0.14 0.00	19.44 0.21 0.00	21.14 0.25 0.00	22.71 0.14 -0.03	23.81 -0.17 -0.10	26.80 -0.13 0.00	27.99 -0.17 0.00	28.30 -0.06 0.00	29.87 0.06 0.00	30.61 0.21 0.00	32.17 0.03 0.00	32.30 0.03 0.00	31.63 0.00 0.00	36.49 -0.48 0.00	38.75 -0.63 0.00	36.81 -0.37 0.00	34.58 -0.17 0.00	31.48 0.37 0.00	30.27 0.45 0.00	27.97 0.28 0.00	25.78 0.51 0.00
HUNTLEY___67 23561	24.51 0.50 0.00	22.62 0.31 0.00	21.10 0.19 0.00	19.71 0.02 0.00	19.32 0.10 0.00	20.98 0.08 0.00	22.57 0.00 -0.03	23.67 -0.31 -0.10	26.64 -0.30 0.00	27.79 -0.37 0.00	28.10 -0.26 0.00	29.67 -0.15 0.00	30.37 -0.03 0.00	32.01 -0.13 0.00	32.21 -0.06 0.00	31.53 -0.09 0.00	36.38 -0.59 0.00	38.59 -0.79 0.00	36.70 -0.48 0.00	34.47 -0.28 0.00	31.38 0.28 0.00	30.06 0.24 0.00	27.80 0.11 0.00	25.63 0.35 0.00
HUNTLEY___68 23562	24.51 0.50 0.00	22.62 0.31 0.00	21.10 0.19 0.00	19.71 0.02 0.00	19.32 0.10 0.00	20.98 0.08 0.00	22.57 0.00 -0.03	23.67 -0.31 -0.10	26.64 -0.30 0.00	27.79 -0.37 0.00	28.10 -0.26 0.00	29.67 -0.15 0.00	30.37 -0.03 0.00	32.01 -0.13 0.00	32.21 -0.06 0.00	31.53 -0.09 0.00	36.38 -0.59 0.00	38.59 -0.79 0.00	36.70 -0.48 0.00	34.47 -0.28 0.00	31.38 0.28 0.00	30.06 0.24 0.00	27.80 0.11 0.00	25.63 0.35 0.00
HYLAND___LFGE 323620	25.79 1.78 0.00	23.89 1.58 0.00	22.27 1.36 0.00	20.83 1.14 0.00	20.40 1.17 0.00	22.21 1.32 0.00	23.81 1.24 -0.03	24.73 0.74 -0.11	27.37 0.43 0.00	28.47 0.31 0.00	28.67 0.31 0.00	29.99 0.18 0.00	30.55 0.15 0.00	32.20 0.06 0.00	32.69 0.42 0.00	32.04 0.41 0.00	37.26 0.29 0.00	40.05 0.67 0.00	38.67 1.49 0.00	36.87 2.12 0.00	33.75 2.64 0.00	32.51 2.69 0.00	29.85 2.16 0.00	27.25 1.97 0.00
INDECK___CORINTH 23802	26.21 2.02 -0.18	24.09 1.79 0.00	22.63 1.72 0.00	21.20 1.52 0.00	20.68 1.46 0.00	22.61 1.71 0.00	24.90 1.98 -0.37	30.47 2.10 -4.49	29.46 2.51 -0.02	30.69 2.54 0.00	30.68 2.33 0.00	31.96 2.15 0.00	32.37 1.97 0.00	34.39 2.25 0.00	34.47 2.20 0.00	33.75 2.12 0.00	39.45 2.48 0.00	42.06 2.68 0.00	40.08 2.90 0.00	37.46 2.71 0.00	33.75 2.64 0.00	32.24 2.41 0.00	29.93 2.24 0.00	27.30 2.02 0.00
INDECK___ILION 23567	24.06 0.05 0.00	22.33 0.02 0.00	20.91 0.00 0.00	19.69 0.00 0.00	19.22 0.00 0.00	20.91 0.02 0.00	22.61 0.07 0.00	23.95 0.07 0.00	27.04 0.11 0.00	28.27 0.11 0.00	28.47 0.11 0.00	30.02 0.21 0.00	30.61 0.21 0.00	32.27 0.13 0.00	32.37 0.10 0.00	31.69 0.06 0.00	37.08 0.11 0.00	39.46 0.08 0.00	37.26 0.07 0.00	34.82 0.07 0.00	31.17 0.06 0.00	29.94 0.12 0.00	27.78 0.08 0.00	25.35 0.08 0.00
INDECK___OLEAN 23982	24.87 0.86 0.00	22.98 0.67 0.00	21.48 0.56 0.00	19.98 0.30 0.00	19.67 0.44 0.00	21.33 0.44 0.00	23.03 0.45 -0.03	23.66 -0.33 -0.12	27.21 0.27 0.00	28.41 0.25 0.00	28.67 0.31 0.00	30.35 0.54 0.00	31.13 0.73 0.00	32.78 0.64 0.00	33.08 0.81 0.00	32.42 0.79 0.00	37.45 0.48 0.00	39.81 0.43 0.00	37.70 0.52 0.00	35.24 0.49 0.00	32.19 1.09 0.00	30.87 1.04 0.00	28.33 0.64 0.00	26.14 0.86 0.00
INDECK___OSWEGO 23783	24.84 -0.41 -1.24	22.40 -0.38 -0.47	20.52 -0.40 0.00	19.27 -0.41 0.00	18.82 -0.40 0.00	20.47 -0.42 0.00	22.68 -0.43 -0.57	24.51 -0.45 -1.09	28.03 -0.57 -1.66	29.08 -0.79 -1.71	29.40 -0.76 -1.81	31.41 -0.80 -2.40	31.63 -0.79 -2.02	31.56 -0.87 -0.29	31.43 -0.84 0.00	30.80 -0.82 0.00	35.93 -1.03 0.00	38.28 -1.10 0.00	36.58 -1.04 -0.43	33.81 -0.94 0.00	30.36 -0.75 0.00	29.14 -0.68 0.00	27.19 -0.50 0.00	24.95 -0.48 -0.15



INDECK___YERKES 23781	24.71 0.70 0.00	22.80 0.49 0.00	21.31 0.40 0.00	19.86 0.18 0.00	19.51 0.29 0.00	21.16 0.27 0.00	22.68 0.11 -0.03	23.81 -0.17 -0.10	26.78 -0.16 0.00	28.02 -0.14 0.00	28.30 -0.06 0.00	29.99 0.18 0.00	30.73 0.33 0.00	32.14 0.00 0.00	32.30 0.03 0.00	31.63 0.00 0.00	36.41 -0.55 0.00	38.71 -0.67 0.00	36.81 -0.37 0.00	34.47 -0.28 0.00	31.48 0.37 0.00	30.45 0.63 0.00	28.05 0.36 0.00	25.81 0.53 0.00
INDIAN POINT_GT_1 24139	25.59 1.58 0.00	23.76 1.45 0.00	22.23 1.32 0.00	20.89 1.20 0.00	20.32 1.10 0.00	22.12 1.23 0.00	24.26 1.53 -0.18	26.30 1.74 -0.68	28.88 1.94 0.00	30.21 2.06 0.00	30.25 1.90 0.00	31.84 2.03 0.00	32.47 2.07 0.00	34.23 2.09 0.00	34.43 2.16 0.00	33.71 2.09 0.00	39.70 2.74 0.00	42.33 2.95 0.00	39.75 2.57 0.00	37.01 2.26 0.00	32.91 1.80 0.00	31.59 1.76 0.00	29.44 1.74 0.00	26.84 1.57 0.00
INDIAN POINT_GT_2 23659	25.59 1.58 0.00	23.76 1.45 0.00	22.23 1.32 0.00	20.89 1.20 0.00	20.32 1.10 0.00	22.12 1.23 0.00	24.26 1.53 -0.18	26.30 1.74 -0.68	28.88 1.94 0.00	30.21 2.06 0.00	30.25 1.90 0.00	31.84 2.03 0.00	32.47 2.07 0.00	34.23 2.09 0.00	34.43 2.16 0.00	33.71 2.09 0.00	39.70 2.74 0.00	42.33 2.95 0.00	39.75 2.57 0.00	37.01 2.26 0.00	32.91 1.80 0.00	31.59 1.76 0.00	29.44 1.74 0.00	26.84 1.57 0.00
INDIAN POINT_GT_3 24019	25.59 1.58 0.00	23.76 1.45 0.00	22.23 1.32 0.00	20.89 1.20 0.00	20.32 1.10 0.00	22.12 1.23 0.00	24.26 1.53 -0.18	26.30 1.74 -0.68	28.88 1.94 0.00	30.21 2.06 0.00	30.25 1.90 0.00	31.84 2.03 0.00	32.47 2.07 0.00	34.23 2.09 0.00	34.43 2.16 0.00	33.71 2.09 0.00	39.70 2.74 0.00	42.33 2.95 0.00	39.75 2.57 0.00	37.01 2.26 0.00	32.91 1.80 0.00	31.59 1.76 0.00	29.44 1.74 0.00	26.84 1.57 0.00
INDIAN POINT___2 23530	25.57 1.56 0.00	23.74 1.43 0.00	22.31 1.40 0.00	20.85 1.16 0.00	20.34 1.11 0.00	22.21 1.32 0.00	24.23 1.51 -0.18	26.26 1.72 -0.66	28.88 1.94 0.00	30.16 2.00 0.00	30.20 1.84 0.00	31.78 1.97 0.00	32.37 1.97 0.00	34.20 2.06 0.00	34.37 2.10 0.00	33.65 2.03 0.00	39.67 2.70 0.00	42.25 2.87 0.00	39.67 2.49 0.00	36.97 2.23 0.00	32.85 1.74 0.00	31.55 1.73 0.00	29.41 1.72 0.00	26.82 1.54 0.00
INDIAN POINT___3 23531	25.57 1.56 0.00	23.74 1.43 0.00	22.21 1.30 0.00	20.87 1.18 0.00	20.32 1.10 0.00	22.12 1.23 0.00	24.23 1.51 -0.18	26.27 1.72 -0.68	28.85 1.91 0.00	30.16 2.00 0.00	30.20 1.84 0.00	31.78 1.97 0.00	32.37 1.98 0.00	34.16 2.02 0.00	34.34 2.07 0.00	33.65 2.02 0.00	39.63 2.66 0.00	42.21 2.84 0.00	39.67 2.49 0.00	36.94 2.19 0.00	32.85 1.74 0.00	31.56 1.73 0.00	29.41 1.72 0.00	26.82 1.54 0.00
INGHAM_C_115KV_TB7 356103	23.91 -0.10 0.00	22.22 -0.09 0.00	20.81 -0.10 0.00	19.59 -0.10 0.00	19.13 -0.10 0.00	20.81 -0.08 0.00	22.52 -0.02 0.00	23.85 -0.02 0.00	26.94 0.00 0.00	28.19 0.03 0.00	28.35 0.00 0.00	29.99 0.18 0.00	30.55 0.15 0.00	32.14 0.00 0.00	32.17 -0.10 0.00	31.50 -0.13 0.00	36.86 -0.11 0.00	39.22 -0.16 0.00	37.00 -0.19 0.00	34.58 -0.17 0.00	30.98 -0.12 0.00	29.80 -0.03 0.00	27.66 -0.03 0.00	25.25 -0.03 0.00
IP CORINTH___1 23988	26.21 2.02 -0.18	24.09 1.78 0.00	22.57 1.65 0.00	21.20 1.52 0.00	20.67 1.44 0.00	22.54 1.65 0.00	24.90 1.98 -0.37	30.47 2.10 -4.49	29.46 2.51 -0.02	30.69 2.53 0.00	30.68 2.33 0.00	31.99 2.18 0.00	32.37 1.98 0.00	34.39 2.25 0.00	34.46 2.19 0.00	33.75 2.12 0.00	39.48 2.51 0.00	42.06 2.68 0.00	40.08 2.90 0.00	37.49 2.75 0.00	33.75 2.64 0.00	32.27 2.45 0.00	29.94 2.24 0.00	27.30 2.02 0.00
IP___TICONDEROGA 23804	27.43 3.22 -0.20	25.07 2.77 0.00	23.49 2.57 0.00	22.07 2.38 0.00	21.49 2.27 0.00	23.50 2.61 0.00	26.06 3.13 -0.38	32.08 3.34 -4.86	31.03 4.07 -0.02	32.24 4.08 0.00	32.35 4.00 0.00	33.81 4.00 0.00	34.14 3.74 0.00	36.25 4.11 0.00	36.24 3.97 0.00	35.42 3.80 0.00	41.40 4.44 0.00	44.18 4.80 0.00	42.09 4.91 0.00	39.41 4.66 0.00	35.52 4.42 0.00	33.91 4.09 0.00	31.40 3.71 0.00	28.61 3.34 0.00
ISLIP_RES_REC 323679	29.36 3.19 -2.16	25.24 2.92 -0.01	23.63 2.72 0.00	22.03 2.34 0.00	21.53 2.31 0.00	24.24 2.71 -0.63	26.70 3.04 -1.11	28.33 3.37 -1.08	30.46 3.53 0.00	31.26 3.10 0.00	31.19 2.84 0.00	32.59 2.77 0.00	33.65 3.25 0.00	35.97 3.82 -0.01	36.22 3.94 -0.01	35.49 3.86 -0.01	45.72 4.80 -3.95	44.74 5.04 -0.32	48.28 4.65 -6.45	39.15 4.34 -0.06	34.74 3.58 -0.06	32.90 3.07 0.00	30.66 2.96 0.00	28.48 3.11 -0.10
JAMAICA__27_KV_LOAD 355505	26.03 2.02 0.00	24.11 1.81 0.00	22.54 1.63 0.00	21.16 1.48 0.00	20.57 1.35 0.00	22.42 1.53 0.00	24.64 1.92 -0.18	26.88 2.32 -0.69	29.49 2.56 0.00	30.80 2.65 0.00	30.57 2.21 0.00	32.17 2.36 0.00	32.77 2.37 0.00	34.48 2.35 0.00	34.69 2.42 0.00	33.97 2.34 0.00	40.22 3.25 0.00	42.88 3.50 0.00	40.27 3.09 0.00	37.42 2.68 0.00	33.06 1.96 0.00	31.94 2.12 0.00	30.05 2.35 0.00	27.32 2.05 0.00
JANIS___SOLAR 323808	25.48 1.22 -0.25	23.52 1.11 -0.10	21.88 0.96 0.00	20.51 0.83 0.00	20.05 0.83 0.00	21.85 0.96 0.00	23.87 1.17 -0.16	25.40 1.15 -0.38	28.38 1.10 -0.34	29.66 1.15 -0.35	29.89 1.16 -0.37	31.65 1.34 -0.49	32.15 1.34 -0.42	33.48 1.29 -0.06	33.62 1.36 0.00	33.08 1.46 0.00	38.56 1.59 0.00	41.11 1.73 0.00	39.20 1.93 -0.09	36.73 1.98 0.00	33.10 1.99 0.00	31.88 2.06 0.00	29.27 1.58 0.00	26.70 1.39 -0.03
JARVIS____ 23743	24.06 0.05 0.00	22.35 0.04 0.00	20.96 0.04 0.00	19.71 0.02 0.00	19.24 0.02 0.00	20.93 0.04 0.00	22.63 0.09 0.00	23.95 0.07 0.00	27.02 0.08 0.00	28.27 0.11 0.00	28.44 0.09 0.00	29.93 0.12 0.00	30.52 0.12 0.00	32.23 0.10 0.00	32.37 0.10 0.00	31.72 0.10 0.00	37.08 0.11 0.00	39.50 0.12 0.00	37.29 0.11 0.00	34.85 0.10 0.00	31.20 0.09 0.00	29.95 0.12 0.00	27.78 0.08 0.00	25.35 0.08 0.00
JENNISON___1 23625	25.63 1.44 -0.18	23.67 1.29 -0.07	22.00 1.09 0.00	20.67 0.98 0.00	20.17 0.94 0.00	22.00 1.11 0.00	24.05 1.38 -0.13	25.65 1.41 -0.36	28.71 1.54 -0.24	30.07 1.66 -0.25	30.32 1.70 -0.26	32.07 1.91 -0.35	32.64 1.95 -0.29	34.11 1.93 -0.04	34.24 1.97 0.00	33.62 1.99 0.00	39.15 2.18 0.00	41.66 2.28 0.00	39.55 2.31 -0.06	37.01 2.26 0.00	33.28 2.18 0.00	31.91 2.09 0.00	29.44 1.74 0.00	26.89 1.59 -0.02
JENNISON___2 23626	25.63 1.44 -0.18	23.67 1.29 -0.07	22.00 1.09 0.00	20.67 0.98 0.00	20.17 0.94 0.00	22.00 1.11 0.00	24.05 1.38 -0.13	25.65 1.41 -0.36	28.71 1.54 -0.24	30.07 1.66 -0.25	30.32 1.70 -0.26	32.07 1.91 -0.35	32.64 1.95 -0.29	34.11 1.93 -0.04	34.24 1.97 0.00	33.62 1.99 0.00	39.15 2.18 0.00	41.66 2.28 0.00	39.55 2.31 -0.06	37.01 2.26 0.00	33.28 2.18 0.00	31.91 2.09 0.00	29.44 1.74 0.00	26.89 1.59 -0.02

JERICO_RISE_WT_PWR 323719	23.17 -0.84 0.00	21.57 -0.74 0.00	20.22 -0.69 0.00	19.14 -0.55 0.00	18.63 -0.60 0.00	20.22 -0.67 0.00	21.89 -0.65 0.00	23.28 -0.60 0.00	26.50 -0.43 0.00	27.88 -0.28 0.00	28.24 -0.11 0.00	29.70 -0.12 0.00	30.49 0.09 0.00	32.33 0.19 0.00	32.40 0.13 0.00	31.79 0.16 0.00	37.12 0.15 0.00	39.73 0.35 0.00	37.70 0.52 0.00	35.13 0.38 0.00	31.45 0.34 0.00	30.04 0.21 0.00	27.83 0.14 0.00	25.48 0.20 0.00
KATONAH__115KV_46KV_TB4 355592	25.71 1.70 0.00	23.89 1.58 0.00	22.34 1.42 0.00	20.99 1.30 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.35 1.62 -0.18	26.46 1.89 -0.70	29.04 2.10 0.00	30.52 2.37 0.00	30.59 2.24 0.00	32.17 2.36 0.00	32.80 2.40 0.00	34.68 2.54 0.00	34.82 2.55 0.00	34.09 2.47 0.00	40.11 3.14 0.00	42.77 3.39 0.00	40.16 2.97 0.00	37.39 2.64 0.00	33.28 2.18 0.00	31.79 1.97 0.00	29.63 1.94 0.00	26.99 1.72 0.00
KCE_NY_1 323755	25.94 1.70 -0.23	23.85 1.54 0.00	22.40 1.48 0.00	21.01 1.32 0.00	20.51 1.29 0.00	22.38 1.48 0.00	24.63 1.69 -0.40	31.00 1.74 -5.38	29.04 2.07 -0.03	30.24 2.08 0.00	30.34 1.98 0.00	31.75 1.94 0.00	32.22 1.82 0.00	34.20 2.06 0.00	34.30 2.03 0.00	33.59 1.96 0.00	39.26 2.29 0.00	41.86 2.48 0.00	39.64 2.45 0.00	37.04 2.29 0.00	33.22 2.12 0.00	31.76 1.94 0.00	29.55 1.86 0.00	26.94 1.67 0.00
KCE_NY_6_ESR 323823	24.87 0.86 0.00	22.93 0.62 0.00	21.44 0.52 0.00	19.96 0.28 0.00	19.61 0.38 0.00	21.29 0.40 0.00	22.86 0.29 -0.03	23.91 -0.07 -0.11	27.02 0.08 0.00	28.27 0.11 0.00	28.55 0.20 0.00	30.26 0.45 0.00	31.04 0.64 0.00	32.62 0.48 0.00	32.82 0.55 0.00	32.13 0.50 0.00	37.01 0.04 0.00	39.34 -0.04 0.00	37.37 0.19 0.00	34.99 0.24 0.00	31.95 0.84 0.00	30.72 0.89 0.00	28.30 0.61 0.00	26.03 0.76 0.00
KEDC_PORT_JEFF_GT2 24210	29.15 2.98 -2.16	25.04 2.72 -0.01	23.44 2.53 0.00	21.85 2.17 0.00	21.36 2.13 0.00	24.03 2.51 -0.63	26.49 2.82 -1.12	28.10 3.13 -1.10	30.17 3.23 0.00	30.95 2.79 0.00	30.85 2.50 0.00	32.26 2.45 0.00	33.32 2.92 0.00	35.55 3.40 -0.01	35.80 3.52 -0.01	35.09 3.45 -0.01	45.51 4.36 -4.18	44.16 4.45 -0.34	49.22 4.20 -7.84	38.71 3.89 -0.07	34.35 3.17 -0.07	32.60 2.77 0.00	30.38 2.69 0.00	28.23 2.86 -0.10
KEDC_PORT_JEFF_GT3 24211	29.15 2.98 -2.16	25.04 2.72 -0.01	23.44 2.53 0.00	21.85 2.17 0.00	21.36 2.13 0.00	24.03 2.51 -0.63	26.49 2.82 -1.12	28.10 3.13 -1.10	30.17 3.23 0.00	30.95 2.79 0.00	30.85 2.50 0.00	32.26 2.45 0.00	33.32 2.92 0.00	35.55 3.40 -0.01	35.80 3.52 -0.01	35.09 3.45 -0.01	45.51 4.36 -4.18	44.16 4.45 -0.34	49.22 4.20 -7.84	38.71 3.89 -0.07	34.35 3.17 -0.07	32.60 2.77 0.00	30.38 2.69 0.00	28.23 2.86 -0.10
KEDC_GLWD_GT4 24219	28.27 2.11 -2.15	24.23 1.92 0.00	22.73 1.82 0.00	21.22 1.54 0.00	20.72 1.50 0.00	23.29 1.77 -0.62	25.60 2.01 -1.05	27.18 2.27 -1.03	29.41 2.48 0.00	30.58 2.42 0.00	30.65 2.30 0.00	31.96 2.15 0.00	32.74 2.34 0.00	34.68 2.54 0.00	34.88 2.61 0.00	34.19 2.56 0.00	40.34 3.36 -0.01	43.15 3.50 -0.27	40.74 3.12 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.85 2.03 0.00	29.91 2.22 0.00	27.49 2.12 -0.10
KEDC_GLWD_GT5 24220	28.27 2.11 -2.15	24.23 1.92 0.00	22.73 1.82 0.00	21.22 1.54 0.00	20.72 1.50 0.00	23.29 1.77 -0.62	25.60 2.01 -1.05	27.18 2.27 -1.03	29.41 2.48 0.00	30.58 2.42 0.00	30.65 2.30 0.00	31.96 2.15 0.00	32.74 2.34 0.00	34.68 2.54 0.00	34.88 2.61 0.00	34.19 2.56 0.00	40.34 3.36 -0.01	43.15 3.50 -0.27	40.74 3.12 -0.44	37.53 2.78 0.00	33.28 2.18 0.00	31.85 2.03 0.00	29.91 2.22 0.00	27.49 2.12 -0.10
KENSICO____ 23655	25.69 1.68 0.00	23.82 1.52 0.00	22.29 1.38 0.00	20.95 1.26 0.00	20.40 1.17 0.00	22.21 1.32 0.00	24.35 1.62 -0.18	26.40 1.84 -0.68	28.98 2.05 0.00	30.30 2.14 0.00	30.34 1.98 0.00	31.93 2.12 0.00	32.56 2.16 0.00	34.32 2.19 0.00	34.50 2.23 0.00	33.78 2.15 0.00	39.81 2.85 0.00	42.41 3.03 0.00	39.86 2.68 0.00	37.11 2.36 0.00	32.97 1.87 0.00	31.67 1.85 0.00	29.52 1.83 0.00	26.92 1.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.53 1.54 0.02	23.69 1.38 0.00	22.17 1.25 0.00	20.81 1.12 0.00	20.20 0.98 0.00	22.00 1.11 0.00	24.07 1.38 -0.15	25.63 1.48 -0.27	28.52 1.59 0.00	29.85 1.69 0.00	29.94 1.59 0.00	31.57 1.76 0.00	32.16 1.76 0.00	33.94 1.80 0.00	34.11 1.84 0.00	33.43 1.80 0.00	39.41 2.44 0.00	41.98 2.60 0.00	39.49 2.31 0.00	36.80 2.05 0.00	32.72 1.62 0.00	31.44 1.61 0.00	29.33 1.63 0.00	26.74 1.47 0.00
KIAC_JFK_GT1 23816	25.91 1.90 0.00	23.98 1.67 0.00	22.44 1.53 0.00	21.06 1.38 0.00	20.49 1.27 0.00	22.31 1.42 0.00	24.53 1.80 -0.18	26.76 2.20 -0.69	29.33 2.40 0.00	30.55 2.39 0.00	30.34 1.98 0.00	31.90 2.09 0.00	32.47 2.07 0.00	34.19 2.06 0.00	34.40 2.13 0.00	33.68 2.06 0.00	39.89 2.92 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.11 2.36 0.00	32.78 1.68 0.00	31.67 1.85 0.00	29.88 2.19 0.00	27.20 1.92 0.00
KIAC_JFK_GT2 23817	25.91 1.90 0.00	23.98 1.67 0.00	22.44 1.53 0.00	21.06 1.38 0.00	20.49 1.27 0.00	22.31 1.42 0.00	24.53 1.80 -0.18	26.76 2.20 -0.69	29.33 2.40 0.00	30.55 2.39 0.00	30.34 1.98 0.00	31.90 2.09 0.00	32.47 2.07 0.00	34.19 2.06 0.00	34.40 2.13 0.00	33.68 2.06 0.00	39.89 2.92 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.11 2.36 0.00	32.78 1.68 0.00	31.67 1.85 0.00	29.88 2.19 0.00	27.20 1.92 0.00
KIAC_JFK____ 323774	25.91 1.90 0.00	24.00 1.69 0.00	22.55 1.63 0.00	21.06 1.38 0.00	20.53 1.31 0.00	22.44 1.55 0.00	24.53 1.80 -0.18	26.74 2.17 -0.69	29.36 2.43 0.00	30.55 2.39 0.00	30.34 1.98 0.00	31.87 2.06 0.00	32.40 2.01 0.00	34.20 2.06 0.00	34.40 2.13 0.00	33.68 2.05 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.78 1.68 0.00	31.61 1.79 0.00	29.88 2.19 0.00	27.20 1.92 0.00
KINTIGH____ 23543	24.22 0.22 0.00	22.42 0.11 0.00	20.91 0.00 0.00	19.55 -0.14 0.00	19.13 -0.10 0.00	20.81 -0.08 0.00	22.43 -0.14 -0.02	23.73 -0.24 -0.09	26.48 -0.46 0.00	27.62 -0.54 0.00	27.93 -0.43 0.00	29.46 -0.36 0.00	30.13 -0.27 0.00	31.75 -0.39 0.00	31.95 -0.32 0.00	31.28 -0.35 0.00	36.15 -0.81 0.00	38.39 -0.98 0.00	36.48 -0.71 0.00	34.23 -0.52 0.00	31.10 0.00 0.00	29.77 -0.06 0.00	27.58 -0.11 0.00	25.35 0.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.50 -0.50 0.00	21.88 -0.42 0.00	20.58 -0.33 0.00	19.37 -0.31 0.00	18.95 -0.27 0.00	20.56 -0.33 0.00	22.18 -0.36 0.00	23.57 -0.31 0.00	26.85 -0.08 0.00	28.21 0.06 0.00	28.61 0.26 0.00	30.11 0.30 0.00	30.95 0.55 0.00	32.84 0.71 0.00	32.88 0.61 0.00	32.26 0.63 0.00	37.67 0.70 0.00	40.36 0.98 0.00	38.33 1.15 0.00	35.83 1.08 0.00	31.98 0.87 0.00	30.57 0.75 0.00	28.25 0.55 0.00	25.86 0.58 0.00

LACHUTE____HYDRO 323717	27.43 3.22 -0.20	25.07 2.77 0.00	23.57 2.66 0.00	22.07 2.38 0.00	21.51 2.29 0.00	23.55 2.65 0.00	26.06 3.13 -0.38	32.08 3.34 -4.86	31.03 4.07 -0.02	32.24 4.08 0.00	32.35 4.00 0.00	33.78 3.97 0.00	34.14 3.74 0.00	36.25 4.11 0.00	36.24 3.97 0.00	35.45 3.83 0.00	41.33 4.36 0.00	44.18 4.80 0.00	42.09 4.91 0.00	39.34 4.59 0.00	35.52 4.42 0.00	33.97 4.14 0.00	31.40 3.71 0.00	28.61 3.34 0.00
LAWRNCAV_115KV_TB1 80681	23.66 -0.43 -0.08	21.94 -0.40 -0.03	20.60 -0.31 0.00	19.45 -0.24 0.00	19.09 -0.13 0.00	20.33 -0.56 0.00	21.74 -0.83 -0.04	23.04 -0.91 -0.07	26.10 -0.94 -0.10	27.34 -0.93 -0.11	27.59 -0.88 -0.11	29.07 -0.89 -0.15	29.68 -0.85 -0.13	31.26 -0.90 -0.02	31.27 -1.00 0.00	30.68 -0.95 0.00	35.82 -1.15 0.00	38.28 -1.10 0.00	36.24 -0.97 -0.03	33.88 -0.87 0.00	30.30 -0.81 0.00	29.02 -0.81 0.00	26.97 -0.72 0.00	24.91 -0.38 -0.01
LEDERLE____ 23769	25.64 1.63 0.00	23.80 1.49 0.00	22.25 1.34 0.00	20.91 1.22 0.00	20.34 1.11 0.00	22.15 1.25 0.00	24.27 1.56 -0.17	26.27 1.74 -0.65	28.88 1.94 0.00	30.21 2.06 0.00	30.25 1.90 0.00	31.90 2.09 0.00	32.50 2.10 0.00	34.29 2.15 0.00	34.46 2.19 0.00	33.75 2.12 0.00	39.78 2.81 0.00	42.37 2.99 0.00	39.78 2.60 0.00	37.08 2.33 0.00	32.97 1.87 0.00	31.64 1.82 0.00	29.49 1.80 0.00	26.89 1.62 0.00
LIGHTHSE_115KV_TB6 355974	24.66 -0.02 -0.67	22.54 -0.02 -0.26	20.83 -0.08 0.00	19.59 -0.10 0.00	19.11 -0.12 0.00	20.77 -0.13 0.00	22.76 -0.09 -0.31	24.36 -0.12 -0.60	27.61 -0.22 -0.89	28.82 -0.25 -0.91	29.09 -0.23 -0.97	30.89 -0.21 -1.28	31.27 -0.21 -1.08	32.03 -0.26 -0.15	32.01 -0.26 0.00	31.41 -0.22 0.00	36.67 -0.30 0.00	39.06 -0.32 0.00	37.08 -0.33 -0.23	34.61 -0.14 0.00	31.07 -0.03 0.00	29.77 -0.06 0.00	27.58 -0.11 0.00	25.23 -0.13 -0.08
LINDEN COGEN____ 23786	25.66 1.66 0.00	23.78 1.47 0.00	22.38 1.46 0.00	20.91 1.22 0.00	20.40 1.17 0.00	22.27 1.38 0.00	24.30 1.58 -0.18	26.45 1.89 -0.69	29.04 2.10 0.00	30.33 2.17 0.00	30.31 1.95 0.00	31.87 2.06 0.00	32.47 2.07 0.00	34.20 2.06 0.00	34.40 2.13 0.00	33.68 2.05 0.00	39.78 2.81 0.00	42.33 2.95 0.00	39.75 2.56 0.00	37.01 2.26 0.00	32.75 1.65 0.00	31.58 1.76 0.00	29.52 1.83 0.00	26.92 1.64 0.00
LINDHRST_69_KV_BK1 356055	28.92 2.76 -2.15	24.83 2.52 0.00	23.15 2.24 0.00	21.67 1.99 0.00	21.11 1.88 0.00	23.75 2.24 -0.62	26.22 2.62 -1.06	27.82 2.91 -1.03	29.79 2.86 0.00	30.86 2.70 0.00	30.85 2.50 0.00	32.56 2.74 0.00	33.41 3.01 0.00	35.51 3.37 0.00	35.76 3.49 0.00	35.07 3.45 0.00	42.23 4.33 -0.94	44.26 4.61 -0.27	42.33 4.16 -0.98	38.58 3.82 0.00	34.28 3.17 0.00	32.66 2.83 0.00	30.46 2.77 0.00	28.18 2.81 -0.10
LIPA_MISC_IPP 23656	29.15 2.98 -2.16	25.04 2.72 -0.01	23.34 2.43 0.00	21.85 2.17 0.00	21.26 2.04 0.00	23.94 2.42 -0.63	26.47 2.82 -1.11	28.07 3.10 -1.09	29.66 2.72 0.00	30.75 2.59 0.00	30.57 2.21 0.00	32.35 2.53 0.00	33.16 2.77 0.00	35.33 3.18 -0.01	35.57 3.29 -0.01	34.86 3.23 -0.01	44.85 4.07 -3.81	44.07 4.37 -0.32	47.84 3.94 -6.72	38.42 3.61 -0.06	34.13 2.99 -0.04	32.54 2.71 0.00	30.18 2.49 0.00	28.08 2.70 -0.10
LISF____SOLAR 323691	29.17 3.00 -2.16	25.08 2.77 -0.01	23.46 2.55 0.00	21.87 2.18 0.00	21.41 2.19 0.00	24.07 2.55 -0.63	26.52 2.86 -1.11	28.12 3.15 -1.09	30.17 3.23 0.00	30.83 2.68 0.00	30.68 2.33 0.00	32.14 2.33 0.00	33.19 2.79 0.00	35.36 3.21 -0.01	35.60 3.32 -0.01	34.93 3.29 -0.01	44.97 4.14 -3.86	44.07 4.37 -0.32	47.99 4.02 -6.79	38.56 3.75 -0.06	34.21 3.05 -0.06	32.57 2.74 0.00	30.21 2.52 0.00	28.13 2.76 -0.10
LITTLE FALLS____HYD 24013	23.91 -0.10 0.00	22.22 -0.09 0.00	20.81 -0.10 0.00	19.59 -0.10 0.00	19.13 -0.10 0.00	20.81 -0.08 0.00	22.52 -0.02 0.00	23.85 -0.02 0.00	26.94 0.00 0.00	28.19 0.03 0.00	28.35 0.00 0.00	29.99 0.18 0.00	30.55 0.15 0.00	32.14 0.00 0.00	32.17 -0.10 0.00	31.50 -0.13 0.00	36.86 -0.11 0.00	39.22 -0.16 0.00	37.00 -0.19 0.00	34.58 -0.17 0.00	30.98 -0.12 0.00	29.80 -0.03 0.00	27.66 -0.03 0.00	25.25 -0.03 0.00
LITTLRIV_115KV_TB1 356100	23.85 -0.24 -0.08	22.14 -0.20 -0.03	20.77 -0.15 0.00	19.61 -0.08 0.00	19.24 0.02 0.00	20.49 -0.40 0.00	21.95 -0.63 -0.04	23.26 -0.69 -0.07	26.32 -0.73 -0.11	27.60 -0.68 -0.12	27.85 -0.62 -0.12	29.41 -0.57 -0.16	30.02 -0.52 -0.14	31.51 -0.64 -0.02	31.53 -0.74 0.00	30.93 -0.70 0.00	36.12 -0.85 0.00	38.59 -0.79 0.00	36.58 -0.63 -0.03	34.19 -0.56 0.00	30.58 -0.53 0.00	29.32 -0.51 0.00	27.19 -0.50 0.00	25.11 -0.18 -0.01
LI_NEWBRDGE____DRP 323616	28.27 2.11 -2.15	24.25 1.94 0.00	22.63 1.71 0.00	21.22 1.54 0.00	20.65 1.42 0.00	23.20 1.69 -0.62	25.63 2.03 -1.05	27.20 2.29 -1.03	29.14 2.21 0.00	30.24 2.08 0.00	30.23 1.87 0.00	31.87 2.06 0.00	32.65 2.25 0.00	34.64 2.51 0.00	34.88 2.61 0.00	34.19 2.56 0.00	40.26 3.29 0.00	43.15 3.50 -0.27	40.74 3.12 -0.44	37.56 2.81 0.00	33.34 2.24 0.00	31.82 2.00 0.00	29.77 2.08 0.00	27.47 2.10 -0.10
LOCKPORT_115KV_TB60_63_64 80432	24.47 0.46 0.00	22.58 0.27 0.00	21.06 0.15 0.00	19.71 0.02 0.00	19.32 0.10 0.00	20.93 0.04 0.00	22.52 -0.05 -0.03	23.64 -0.33 -0.10	26.56 -0.38 0.00	27.68 -0.48 0.00	28.01 -0.34 0.00	29.58 -0.24 0.00	30.31 -0.09 0.00	31.91 -0.22 0.00	32.08 -0.19 0.00	31.41 -0.22 0.00	36.23 -0.74 0.00	38.47 -0.91 0.00	36.59 -0.59 0.00	34.40 -0.35 0.00	31.32 0.22 0.00	30.03 0.21 0.00	27.78 0.08 0.00	25.58 0.30 0.00
LOCKPORT____CC1 323769	24.51 0.50 0.00	22.62 0.31 0.00	21.08 0.17 0.00	19.65 -0.04 0.00	19.30 0.08 0.00	20.93 0.04 0.00	22.50 -0.07 -0.03	23.62 -0.36 -0.10	26.50 -0.43 0.00	27.68 -0.48 0.00	27.99 -0.37 0.00	29.67 -0.15 0.00	30.40 0.00 0.00	31.91 -0.22 0.00	32.08 -0.19 0.00	31.41 -0.22 0.00	36.15 -0.81 0.00	38.43 -0.95 0.00	36.59 -0.60 0.00	34.26 -0.49 0.00	31.29 0.19 0.00	30.09 0.27 0.00	27.83 0.14 0.00	25.58 0.30 0.00
LOCKPORT____CC2 323770	24.51 0.50 0.00	22.62 0.31 0.00	21.08 0.17 0.00	19.65 -0.04 0.00	19.30 0.08 0.00	20.93 0.04 0.00	22.50 -0.07 -0.03	23.62 -0.36 -0.10	26.50 -0.43 0.00	27.68 -0.48 0.00	27.99 -0.37 0.00	29.67 -0.15 0.00	30.40 0.00 0.00	31.91 -0.22 0.00	32.08 -0.19 0.00	31.41 -0.22 0.00	36.15 -0.81 0.00	38.43 -0.95 0.00	36.59 -0.60 0.00	34.26 -0.49 0.00	31.29 0.19 0.00	30.09 0.27 0.00	27.83 0.14 0.00	25.58 0.30 0.00
LOCKPORT____CC3 323771	24.51 0.50 0.00	22.62 0.31 0.00	21.08 0.17 0.00	19.65 -0.04 0.00	19.30 0.08 0.00	20.93 0.04 0.00	22.50 -0.07 -0.03	23.62 -0.36 -0.10	26.50 -0.43 0.00	27.68 -0.48 0.00	27.99 -0.37 0.00	29.67 -0.15 0.00	30.40 0.00 0.00	31.91 -0.22 0.00	32.08 -0.19 0.00	31.41 -0.22 0.00	36.15 -0.81 0.00	38.43 -0.95 0.00	36.59 -0.60 0.00	34.26 -0.49 0.00	31.29 0.19 0.00	30.09 0.27 0.00	27.83 0.14 0.00	25.58 0.30 0.00

LONG_LAKE_PHOENIX 24014	24.69 -0.26 -0.94	22.42 -0.25 -0.36	20.62 -0.29 0.00	19.39 -0.30 0.00	18.94 -0.29 0.00	20.60 -0.29 0.00	22.68 -0.29 -0.43	24.38 -0.33 -0.83	27.76 -0.43 -1.25	28.99 -0.45 -1.29	29.32 -0.40 -1.36	31.27 -0.36 -1.81	31.59 -0.33 -1.52	31.90 -0.45 -0.22	31.85 -0.42 0.00	31.25 -0.38 0.00	36.45 -0.52 0.00	38.75 -0.63 0.00	36.95 -0.56 -0.33	34.30 -0.45 0.00	30.79 -0.31 0.00	29.53 -0.30 0.00	27.36 -0.33 0.00	25.09 -0.30 -0.12
LOVETT___3 23632	25.55 1.54 0.00	23.71 1.41 0.00	22.19 1.28 0.00	20.83 1.14 0.00	20.28 1.06 0.00	22.08 1.19 0.00	24.21 1.49 -0.17	26.20 1.67 -0.66	28.79 1.86 0.00	30.10 1.94 0.00	30.17 1.81 0.00	31.75 1.94 0.00	32.37 1.98 0.00	34.13 1.99 0.00	34.34 2.07 0.00	33.62 1.99 0.00	39.63 2.66 0.00	42.21 2.84 0.00	39.64 2.45 0.00	36.90 2.15 0.00	32.82 1.71 0.00	31.53 1.70 0.00	29.38 1.69 0.00	26.79 1.52 0.00
LOVETT___4 23642	25.55 1.54 0.00	23.71 1.41 0.00	22.19 1.28 0.00	20.83 1.14 0.00	20.28 1.06 0.00	22.08 1.19 0.00	24.21 1.49 -0.17	26.20 1.67 -0.66	28.79 1.86 0.00	30.10 1.94 0.00	30.17 1.81 0.00	31.75 1.94 0.00	32.37 1.98 0.00	34.13 1.99 0.00	34.34 2.07 0.00	33.62 1.99 0.00	39.63 2.66 0.00	42.21 2.84 0.00	39.64 2.45 0.00	36.90 2.15 0.00	32.82 1.71 0.00	31.53 1.70 0.00	29.38 1.69 0.00	26.79 1.52 0.00
LOVETT___5 23593	25.55 1.54 0.00	23.71 1.41 0.00	22.19 1.28 0.00	20.83 1.14 0.00	20.28 1.06 0.00	22.08 1.19 0.00	24.21 1.49 -0.17	26.20 1.67 -0.66	28.79 1.86 0.00	30.10 1.94 0.00	30.17 1.81 0.00	31.75 1.94 0.00	32.37 1.98 0.00	34.13 1.99 0.00	34.34 2.07 0.00	33.62 1.99 0.00	39.63 2.66 0.00	42.21 2.84 0.00	39.64 2.45 0.00	36.90 2.15 0.00	32.82 1.71 0.00	31.53 1.70 0.00	29.38 1.69 0.00	26.79 1.52 0.00
LOWER RAQUET___HYD 24057	23.62 -0.48 -0.09	21.92 -0.42 -0.03	20.47 -0.44 0.00	19.41 -0.28 0.00	18.84 -0.38 0.00	20.16 -0.73 0.00	21.64 -0.95 -0.04	22.93 -1.03 -0.07	25.98 -1.08 -0.12	27.21 -1.07 -0.12	27.49 -0.99 -0.13	28.94 -1.04 -0.17	29.57 -0.97 -0.15	31.13 -1.03 -0.02	31.14 -1.13 0.00	30.55 -1.08 0.00	35.67 -1.29 0.00	38.12 -1.26 0.00	36.10 -1.11 -0.03	33.67 -1.08 0.00	30.17 -0.93 0.00	28.93 -0.89 0.00	26.86 -0.83 0.00	24.86 -0.43 -0.01
LOWER___HUDSON 24059	25.79 1.25 -0.53	23.49 1.18 0.00	22.06 1.15 0.00	20.69 1.00 0.00	20.20 0.98 0.00	22.04 1.15 0.00	24.45 1.31 -0.60	36.38 1.29 -11.22	28.51 1.51 -0.06	29.65 1.49 0.00	29.77 1.42 0.00	31.19 1.37 0.00	31.70 1.31 0.00	33.62 1.48 0.00	33.72 1.45 0.00	33.02 1.39 0.00	38.63 1.67 0.00	41.11 1.73 0.00	38.86 1.67 0.00	36.31 1.57 0.00	32.47 1.37 0.00	31.08 1.25 0.00	28.91 1.22 0.00	26.39 1.11 0.00
LOWVILLE_115KV_TB2 356335	24.72 0.50 -0.20	22.83 0.45 -0.08	21.27 0.36 0.00	20.02 0.33 0.00	19.53 0.31 0.00	21.18 0.29 0.00	23.00 0.36 -0.10	24.45 0.38 -0.19	27.58 0.38 -0.27	28.89 0.45 -0.28	29.07 0.43 -0.29	30.71 0.51 -0.39	31.24 0.52 -0.33	32.67 0.48 -0.05	32.72 0.45 0.00	32.07 0.44 0.00	37.45 0.48 0.00	39.93 0.55 0.00	37.88 0.63 -0.07	35.51 0.76 0.00	31.82 0.72 0.00	30.51 0.69 0.00	28.22 0.53 0.00	25.81 0.51 -0.02
LUTHERFT_115KV_GLOB_FND_222 355753	25.94 1.70 -0.23	23.85 1.54 0.00	22.34 1.42 0.00	20.99 1.30 0.00	20.47 1.25 0.00	22.31 1.42 0.00	24.63 1.69 -0.40	31.00 1.74 -5.38	29.01 2.05 -0.03	30.21 2.06 0.00	30.31 1.96 0.00	31.75 1.94 0.00	32.22 1.82 0.00	34.19 2.06 0.00	34.27 2.00 0.00	33.56 1.93 0.00	39.26 2.29 0.00	41.82 2.44 0.00	39.60 2.42 0.00	37.04 2.29 0.00	33.19 2.08 0.00	31.76 1.94 0.00	29.52 1.83 0.00	26.94 1.67 0.00
LUTHERNY_35_KV_BK2 355980	25.94 1.70 -0.23	23.85 1.54 0.00	22.34 1.42 0.00	21.01 1.32 0.00	20.47 1.25 0.00	22.31 1.42 0.00	24.63 1.69 -0.40	31.00 1.74 -5.38	29.04 2.07 -0.03	30.24 2.08 0.00	30.34 1.98 0.00	31.75 1.94 0.00	32.25 1.85 0.00	34.19 2.06 0.00	34.30 2.03 0.00	33.59 1.96 0.00	39.30 2.33 0.00	41.86 2.48 0.00	39.64 2.45 0.00	37.08 2.33 0.00	33.22 2.12 0.00	31.79 1.97 0.00	29.55 1.86 0.00	26.94 1.67 0.00
LWR___OSWEGATCHIE_HYD 23850	24.18 0.00 -0.18	22.37 0.00 -0.07	20.91 0.00 0.00	19.71 0.02 0.00	19.26 0.04 0.00	20.68 -0.21 0.00	22.31 -0.32 -0.08	23.68 -0.36 -0.16	26.76 -0.40 -0.23	28.03 -0.37 -0.24	28.27 -0.34 -0.25	29.82 -0.33 -0.34	30.38 -0.30 -0.28	31.82 -0.35 -0.04	31.85 -0.42 0.00	31.25 -0.38 0.00	36.49 -0.48 0.00	38.95 -0.43 0.00	36.95 -0.30 -0.06	34.58 -0.17 0.00	30.98 -0.12 0.00	29.68 -0.15 0.00	27.50 -0.19 0.00	25.30 0.00 -0.02
LYONS_FALL_HYD 23570	24.68 0.53 -0.15	22.83 0.47 -0.06	21.29 0.38 0.00	20.04 0.35 0.00	19.53 0.31 0.00	21.22 0.33 0.00	23.04 0.43 -0.07	24.50 0.48 -0.15	27.65 0.51 -0.20	28.95 0.59 -0.20	29.14 0.57 -0.22	30.79 0.69 -0.29	31.34 0.70 -0.24	32.81 0.64 -0.03	32.88 0.61 0.00	32.26 0.63 0.00	37.63 0.67 0.00	40.09 0.71 0.00	37.98 0.74 -0.05	35.58 0.83 0.00	31.88 0.78 0.00	30.69 0.87 0.00	28.27 0.58 0.00	25.83 0.53 -0.02
MADISON___COUNTY_LFGE 323628	24.84 0.67 -0.16	22.97 0.60 -0.06	21.39 0.48 0.00	20.12 0.43 0.00	19.63 0.40 0.00	21.37 0.48 0.00	23.26 0.63 -0.08	24.72 0.67 -0.17	27.91 0.75 -0.22	29.23 0.84 -0.22	29.44 0.85 -0.24	31.14 1.01 -0.31	31.67 1.00 -0.26	33.17 1.00 -0.04	33.27 1.00 0.00	32.61 0.98 0.00	38.04 1.07 0.00	40.44 1.06 0.00	38.28 1.04 -0.06	35.79 1.04 0.00	32.10 1.00 0.00	30.75 0.92 0.00	28.44 0.75 0.00	25.93 0.63 -0.02
MALONE___115KV_TB1 356076	23.48 -0.53 0.00	21.84 -0.47 0.00	20.54 -0.38 0.00	19.37 -0.31 0.00	18.95 -0.27 0.00	20.45 -0.44 0.00	22.00 -0.54 0.00	23.35 -0.53 0.00	26.59 -0.35 0.00	27.93 -0.23 0.00	28.30 -0.06 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.36 0.22 0.00	32.40 0.13 0.00	31.82 0.19 0.00	37.12 0.15 0.00	39.73 0.35 0.00	37.70 0.52 0.00	35.24 0.49 0.00	31.45 0.34 0.00	30.09 0.27 0.00	27.83 0.14 0.00	25.53 0.25 0.00
MAPLEWOD_115KV_TB3 80458	24.87 1.10 0.25	23.33 1.03 0.00	21.85 0.94 0.00	20.55 0.87 0.00	20.03 0.81 0.00	21.83 0.94 0.00	23.76 1.15 -0.07	21.12 1.15 3.91	28.28 1.37 0.03	29.51 1.35 0.00	29.63 1.28 0.00	31.13 1.31 0.00	31.68 1.28 0.00	33.52 1.38 0.00	33.63 1.36 0.00	32.92 1.30 0.00	38.52 1.55 0.00	41.11 1.73 0.00	38.85 1.67 0.00	36.14 1.39 0.00	32.26 1.15 0.00	30.90 1.07 0.00	28.77 1.08 0.00	26.24 0.96 0.00
MAPLE RIDGE_WT_1 323574	23.12 -0.89 0.00	21.48 -0.82 0.00	20.18 -0.73 0.00	19.02 -0.67 0.00	18.61 -0.62 0.00	20.29 -0.61 0.00	21.94 -0.61 0.00	23.33 -0.55 0.00	26.42 -0.51 0.00	27.74 -0.42 0.00	27.99 -0.37 0.00	29.52 -0.30 0.00	30.12 -0.27 0.00	31.88 -0.26 0.00	32.08 -0.19 0.00	31.47 -0.16 0.00	36.86 -0.11 0.00	39.30 -0.08 0.00	37.14 -0.04 0.00	34.75 0.00 0.00	31.10 0.00 0.00	29.83 0.00 0.00	27.69 0.00 0.00	25.25 -0.03 0.00

MAPLE RIDGE_WT_2 323611	23.12 -0.89 0.00	21.48 -0.82 0.00	20.18 -0.73 0.00	19.02 -0.67 0.00	18.61 -0.62 0.00	20.29 -0.61 0.00	21.94 -0.61 0.00	23.33 -0.55 0.00	26.42 -0.51 0.00	27.74 -0.42 0.00	27.99 -0.37 0.00	29.52 -0.30 0.00	30.12 -0.27 0.00	31.88 -0.26 0.00	32.08 -0.19 0.00	31.47 -0.16 0.00	36.86 -0.11 0.00	39.30 -0.08 0.00	37.14 -0.04 0.00	34.75 0.00 0.00	31.10 0.00 0.00	29.83 0.00 0.00	27.69 0.00 0.00	25.25 -0.03 0.00
MARBLE RIVER_WT_PWR 323696	23.24 -0.77 0.00	21.62 -0.69 0.00	20.26 -0.65 0.00	19.17 -0.51 0.00	18.67 -0.56 0.00	20.27 -0.63 0.00	21.96 -0.59 0.00	23.35 -0.53 0.00	26.58 -0.35 0.00	27.96 -0.20 0.00	28.33 -0.03 0.00	29.78 -0.03 0.00	30.61 0.21 0.00	32.46 0.32 0.00	32.53 0.26 0.00	31.91 0.28 0.00	37.26 0.29 0.00	39.89 0.51 0.00	37.81 0.63 0.00	35.27 0.52 0.00	31.54 0.44 0.00	30.12 0.30 0.00	27.94 0.25 0.00	25.55 0.28 0.00
MARSHVLE_115KV_TB1 80742	26.10 2.09 0.00	24.23 1.92 0.00	22.67 1.76 0.00	21.30 1.61 0.00	20.76 1.54 0.00	22.67 1.78 0.00	25.00 2.16 -0.29	27.22 2.24 -1.10	29.44 2.51 0.00	30.66 2.51 0.00	30.85 2.50 0.00	32.41 2.59 0.00	32.98 2.58 0.00	34.90 2.76 0.00	34.82 2.55 0.00	34.22 2.59 0.00	40.00 3.03 0.00	42.69 3.31 0.00	40.45 3.27 0.00	37.88 3.13 0.00	33.97 2.86 0.00	32.60 2.77 0.00	30.21 2.52 0.00	27.55 2.27 0.00
MARSH_HILL_WT_PWR 323713	25.22 1.11 -0.11	23.26 0.91 -0.04	21.66 0.75 0.00	20.24 0.55 0.00	19.86 0.63 0.00	21.62 0.73 0.00	23.41 0.79 -0.08	24.45 0.45 -0.12	27.56 0.62 0.00	28.83 0.67 0.00	29.09 0.74 0.00	30.86 1.04 0.00	31.55 1.15 0.00	33.13 1.00 0.00	33.50 1.23 0.00	32.80 1.17 0.00	37.93 0.96 0.00	40.32 0.94 0.00	38.33 1.11 -0.04	35.93 1.18 0.00	32.69 1.59 0.00	31.55 1.73 0.00	28.97 1.27 0.00	26.55 1.26 -0.01
MCINTYRE_115KV_TB2 80467	23.91 -0.10 0.00	22.24 -0.07 0.00	20.91 0.00 0.00	19.75 0.06 0.00	19.40 0.17 0.00	20.72 -0.17 0.00	22.14 -0.41 0.00	23.42 -0.45 0.00	26.45 -0.48 0.00	27.74 -0.42 0.00	27.96 -0.40 0.00	29.46 -0.36 0.00	30.13 -0.27 0.00	31.78 -0.35 0.00	31.79 -0.48 0.00	31.22 -0.41 0.00	36.45 -0.52 0.00	38.95 -0.43 0.00	36.88 -0.30 0.00	34.54 -0.21 0.00	30.92 -0.19 0.00	29.62 -0.21 0.00	27.44 -0.25 0.00	25.28 0.00 0.00
MECO____69_KV_BK1 80468	26.48 2.47 0.00	24.52 2.21 0.00	22.96 2.05 0.00	21.56 1.87 0.00	21.01 1.79 0.00	22.96 2.07 0.00	25.37 2.55 -0.28	27.50 2.58 -1.04	29.82 2.88 0.00	30.92 2.76 0.00	31.05 2.69 0.00	33.24 3.43 0.00	33.77 3.37 0.00	35.13 2.99 0.00	35.08 2.81 0.00	34.50 2.88 0.00	40.41 3.44 0.00	43.28 3.90 0.00	41.01 3.83 0.00	38.43 3.68 0.00	34.59 3.48 0.00	33.11 3.28 0.00	30.68 2.99 0.00	27.98 2.70 0.00
MENANDS__115KV_TB5 355628	24.56 0.84 0.29	23.13 0.83 0.00	21.67 0.75 0.00	20.38 0.69 0.00	19.86 0.63 0.00	21.62 0.73 0.00	23.50 0.92 -0.04	20.03 0.91 4.75	27.98 1.08 0.03	29.20 1.04 0.00	29.32 0.96 0.00	30.77 0.95 0.00	31.31 0.91 0.00	33.17 1.03 0.00	33.27 1.00 0.00	32.58 0.95 0.00	38.11 1.15 0.00	40.68 1.30 0.00	38.41 1.23 0.00	35.86 1.11 0.00	32.04 0.93 0.00	30.69 0.86 0.00	28.58 0.89 0.00	26.06 0.78 0.00
MG INDUSTRY___DRP 24185	24.78 0.94 0.17	23.18 0.87 0.00	21.73 0.82 0.00	20.43 0.75 0.00	19.92 0.69 0.00	21.69 0.79 0.00	23.63 0.97 -0.12	22.52 0.98 2.33	28.05 1.13 0.02	29.26 1.10 0.00	29.38 1.02 0.00	30.83 1.01 0.00	31.37 0.97 0.00	33.20 1.06 0.00	33.30 1.03 0.00	32.64 1.01 0.00	38.19 1.22 0.00	40.72 1.34 0.00	38.45 1.26 0.00	35.93 1.18 0.00	32.13 1.03 0.00	30.81 0.98 0.00	28.66 0.97 0.00	26.16 0.88 0.00
MID___OSWEGATCHIE_HYD 23849	24.18 0.00 -0.18	22.37 0.00 -0.07	20.91 0.00 0.00	19.71 0.02 0.00	19.26 0.04 0.00	20.68 -0.21 0.00	22.31 -0.32 -0.08	23.68 -0.36 -0.16	26.76 -0.40 -0.23	28.03 -0.37 -0.24	28.27 -0.34 -0.25	29.82 -0.33 -0.34	30.38 -0.30 -0.28	31.82 -0.35 -0.04	31.85 -0.42 0.00	31.25 -0.38 0.00	36.49 -0.48 0.00	38.95 -0.43 0.00	36.95 -0.30 -0.06	34.58 -0.17 0.00	30.98 -0.12 0.00	29.68 -0.15 0.00	27.50 -0.19 0.00	25.30 0.00 -0.02
MID___RAQUETTE_HYD 23851	23.62 -0.48 -0.09	21.92 -0.42 -0.03	20.56 -0.36 0.00	19.41 -0.28 0.00	19.03 -0.19 0.00	20.22 -0.67 0.00	21.64 -0.95 -0.04	22.93 -1.03 -0.07	25.98 -1.08 -0.12	27.21 -1.07 -0.12	27.49 -0.99 -0.13	28.94 -1.04 -0.17	29.57 -0.97 -0.15	31.13 -1.03 -0.02	31.14 -1.13 0.00	30.55 -1.08 0.00	35.67 -1.29 0.00	38.12 -1.26 0.00	36.10 -1.12 -0.03	33.74 -1.01 0.00	30.17 -0.93 0.00	28.90 -0.92 0.00	26.86 -0.83 0.00	24.86 -0.43 -0.01
MILLIKEN___1 23584	25.02 0.67 -0.34	23.06 0.62 -0.13	21.42 0.50 0.00	20.10 0.41 0.00	19.63 0.40 0.00	21.39 0.50 0.00	23.34 0.61 -0.19	24.87 0.57 -0.42	28.00 0.59 -0.47	29.26 0.62 -0.48	29.57 0.71 -0.51	31.33 0.83 -0.68	31.85 0.88 -0.57	33.02 0.80 -0.08	33.14 0.87 0.00	32.51 0.89 0.00	37.89 0.92 0.00	40.32 0.95 0.00	38.31 1.00 -0.12	35.79 1.04 0.00	32.19 1.09 0.00	30.90 1.07 0.00	28.50 0.80 0.00	26.03 0.71 -0.04
MILLIKEN___2 23585	25.02 0.67 -0.34	23.06 0.62 -0.13	21.42 0.50 0.00	20.10 0.41 0.00	19.63 0.40 0.00	21.39 0.50 0.00	23.34 0.61 -0.19	24.87 0.57 -0.42	28.00 0.59 -0.47	29.26 0.62 -0.48	29.57 0.71 -0.51	31.33 0.83 -0.68	31.85 0.88 -0.57	33.02 0.80 -0.08	33.14 0.87 0.00	32.51 0.89 0.00	37.89 0.92 0.00	40.32 0.95 0.00	38.31 1.00 -0.12	35.79 1.04 0.00	32.19 1.09 0.00	30.90 1.07 0.00	28.50 0.80 0.00	26.03 0.71 -0.04
MILLIKEN___DIESEL 23629	25.02 0.67 -0.34	23.06 0.62 -0.13	21.42 0.50 0.00	20.10 0.41 0.00	19.63 0.40 0.00	21.39 0.50 0.00	23.34 0.61 -0.19	24.87 0.57 -0.42	28.00 0.59 -0.47	29.26 0.62 -0.48	29.57 0.71 -0.51	31.33 0.83 -0.68	31.85 0.88 -0.57	33.02 0.80 -0.08	33.14 0.87 0.00	32.51 0.89 0.00	37.89 0.92 0.00	40.32 0.95 0.00	38.31 1.00 -0.12	35.79 1.04 0.00	32.19 1.09 0.00	30.90 1.07 0.00	28.50 0.80 0.00	26.03 0.71 -0.04
MILLSEAT___LFGE 323607	24.87 0.86 0.00	22.98 0.67 0.00	21.41 0.50 0.00	19.96 0.28 0.00	19.59 0.36 0.00	21.27 0.38 0.00	22.86 0.29 -0.02	24.07 0.10 -0.09	26.99 0.05 0.00	28.19 0.03 0.00	28.53 0.17 0.00	30.23 0.42 0.00	30.97 0.58 0.00	32.55 0.42 0.00	32.69 0.42 0.00	32.01 0.38 0.00	36.86 -0.11 0.00	39.26 -0.12 0.00	37.41 0.22 0.00	35.03 0.28 0.00	31.97 0.87 0.00	30.75 0.93 0.00	28.39 0.69 0.00	26.03 0.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.62 1.61 0.00	23.78 1.47 0.00	22.25 1.34 0.00	20.91 1.22 0.00	20.36 1.13 0.00	22.17 1.27 0.00	24.28 1.56 -0.18	26.32 1.77 -0.68	28.90 1.97 0.00	30.24 2.08 0.00	30.28 1.93 0.00	31.87 2.06 0.00	32.47 2.07 0.00	34.26 2.12 0.00	34.43 2.16 0.00	33.71 2.09 0.00	39.74 2.77 0.00	42.33 2.95 0.00	39.78 2.60 0.00	37.04 2.29 0.00	32.91 1.80 0.00	31.61 1.79 0.00	29.46 1.77 0.00	26.87 1.59 0.00

MILLWOOD_13_KV_LOAD 356217	25.67 1.66 0.00	23.85 1.54 0.00	22.29 1.38 0.00	20.95 1.26 0.00	20.40 1.17 0.00	22.21 1.32 0.00	24.32 1.60 -0.18	26.40 1.84 -0.68	28.98 2.05 0.00	30.38 2.22 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.65 2.25 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.90 2.28 0.00	39.93 2.96 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.22 2.47 0.00	33.10 1.99 0.00	31.70 1.88 0.00	29.58 1.88 0.00	26.94 1.67 0.00
MODEL_CITY_ENERGY 24167	24.25 0.24 0.00	22.40 0.09 0.00	20.83 -0.08 0.00	19.43 -0.26 0.00	19.07 -0.15 0.00	20.68 -0.21 0.00	22.23 -0.34 -0.03	23.33 -0.64 -0.10	26.15 -0.78 0.00	27.34 -0.82 0.00	27.62 -0.74 0.00	29.25 -0.57 0.00	29.97 -0.43 0.00	31.49 -0.64 0.00	31.66 -0.61 0.00	30.99 -0.63 0.00	35.67 -1.29 0.00	37.92 -1.46 0.00	36.10 -1.08 0.00	33.81 -0.94 0.00	30.89 -0.22 0.00	29.71 -0.12 0.00	27.47 -0.22 0.00	25.25 -0.03 0.00
MODERN_LFGE_ 323580	24.25 0.24 0.00	22.40 0.09 0.00	20.83 -0.08 0.00	19.43 -0.26 0.00	19.07 -0.15 0.00	20.68 -0.21 0.00	22.23 -0.34 -0.03	23.33 -0.64 -0.10	26.15 -0.78 0.00	27.34 -0.82 0.00	27.62 -0.74 0.00	29.25 -0.57 0.00	29.97 -0.43 0.00	31.49 -0.64 0.00	31.66 -0.61 0.00	30.99 -0.63 0.00	35.67 -1.29 0.00	37.92 -1.46 0.00	36.10 -1.08 0.00	33.81 -0.94 0.00	30.89 -0.22 0.00	29.71 -0.12 0.00	27.47 -0.22 0.00	25.25 -0.03 0.00
MOHAWK_PAPER__DRP 24187	24.87 1.10 0.25	23.33 1.03 0.00	21.85 0.94 0.00	20.55 0.87 0.00	20.03 0.81 0.00	21.83 0.94 0.00	23.76 1.15 -0.07	21.12 1.15 3.91	28.28 1.37 0.03	29.51 1.35 0.00	29.63 1.28 0.00	31.13 1.31 0.00	31.68 1.28 0.00	33.52 1.38 0.00	33.63 1.36 0.00	32.92 1.30 0.00	38.52 1.55 0.00	41.11 1.73 0.00	38.85 1.67 0.00	36.14 1.39 0.00	32.26 1.15 0.00	30.90 1.07 0.00	28.77 1.08 0.00	26.24 0.96 0.00
MOHICAN__35_KV_115KV_LD 80490	26.29 2.06 -0.21	24.14 1.83 0.00	22.61 1.69 0.00	21.24 1.56 0.00	20.70 1.48 0.00	22.58 1.69 0.00	24.98 2.05 -0.39	31.08 2.13 -5.08	29.52 2.56 -0.03	30.75 2.59 0.00	30.76 2.41 0.00	32.11 2.30 0.00	32.53 2.13 0.00	34.55 2.41 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.63 2.66 0.00	42.25 2.87 0.00	40.19 3.01 0.00	37.60 2.85 0.00	33.81 2.71 0.00	32.33 2.51 0.00	29.99 2.30 0.00	27.35 2.07 0.00
MONGAUP__HYD 23641	25.30 1.30 0.00	23.49 1.18 0.00	22.06 1.15 0.00	20.63 0.94 0.00	20.11 0.88 0.00	21.94 1.04 0.00	23.90 1.19 -0.16	25.75 1.26 -0.61	28.34 1.40 0.00	29.59 1.44 0.00	29.72 1.36 0.00	31.19 1.37 0.00	31.73 1.34 0.00	33.65 1.51 0.00	33.79 1.52 0.00	33.14 1.52 0.00	39.00 2.03 0.00	41.58 2.20 0.00	39.15 1.97 0.00	36.55 1.81 0.00	32.54 1.43 0.00	31.20 1.37 0.00	29.10 1.41 0.00	26.56 1.29 0.00
MONTAUK__DIESEL 23721	30.42 4.25 -2.16	26.20 3.88 -0.01	24.38 3.47 0.00	22.82 3.13 0.00	22.20 2.98 0.00	25.03 3.51 -0.63	27.67 4.01 -1.11	29.36 4.39 -1.09	31.08 4.15 0.00	32.30 4.14 0.00	32.21 3.86 0.00	34.20 4.38 0.00	35.08 4.68 0.00	37.42 5.27 -0.01	37.67 5.39 -0.01	36.92 5.28 -0.01	47.34 6.54 -3.83	46.71 7.01 -0.32	50.36 6.43 -6.75	40.71 5.91 -0.06	36.12 4.98 -0.04	34.39 4.56 0.00	31.71 4.02 0.00	29.47 4.09 -0.10
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.57 1.56 0.00	23.56 1.25 0.00	21.83 0.92 0.00	20.40 0.71 0.00	20.03 0.81 0.00	21.77 0.88 0.00	23.54 0.97 -0.03	24.75 0.76 -0.11	28.09 1.16 0.00	29.40 1.24 0.00	29.74 1.39 0.00	31.25 1.43 0.00	31.95 1.55 0.00	33.74 1.61 0.00	33.95 1.68 0.00	33.27 1.64 0.00	38.37 1.40 0.00	40.76 1.38 0.00	38.67 1.49 0.00	36.42 1.67 0.00	33.19 2.08 0.00	31.88 2.06 0.00	29.27 1.58 0.00	26.94 1.67 0.00
MORTIMER_115KV_TB3 55949	24.54 0.53 0.00	22.73 0.42 0.00	21.21 0.29 0.00	19.86 0.18 0.00	19.42 0.19 0.00	21.12 0.23 0.00	22.81 0.25 -0.02	24.17 0.21 -0.08	27.04 0.11 0.00	28.24 0.08 0.00	28.61 0.26 0.00	30.11 0.30 0.00	30.79 0.40 0.00	32.55 0.42 0.00	32.69 0.42 0.00	32.04 0.41 0.00	37.12 0.15 0.00	39.46 0.08 0.00	37.44 0.26 0.00	35.10 0.35 0.00	31.76 0.65 0.00	30.42 0.60 0.00	28.14 0.44 0.00	25.76 0.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.81 1.80 0.00	23.94 1.63 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.44 1.71 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.48 2.13 0.00	32.08 2.27 0.00	32.68 2.28 0.00	34.42 2.28 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.57 3.19 0.00	40.01 2.83 0.00	37.22 2.47 0.00	33.00 1.90 0.00	31.76 1.94 0.00	29.69 1.99 0.00	27.05 1.77 0.00
MUNSVILLE_WIND_PWR 323609	26.02 1.80 -0.21	24.02 1.63 -0.08	22.31 1.40 0.00	20.95 1.26 0.00	20.46 1.23 0.00	22.31 1.42 0.00	24.47 1.78 -0.14	26.13 1.89 -0.37	29.17 1.94 -0.29	30.60 2.14 -0.30	30.88 2.21 -0.32	32.77 2.53 -0.42	33.37 2.61 -0.35	34.79 2.60 -0.05	34.88 2.61 0.00	34.31 2.69 0.00	39.85 2.89 0.00	42.37 2.99 0.00	40.38 3.12 -0.07	37.88 3.13 0.00	34.09 2.99 0.00	32.90 3.07 0.00	30.13 2.44 0.00	27.48 2.17 -0.03
N SALMON__HYD 24042	23.48 -0.53 0.00	21.84 -0.47 0.00	20.45 -0.46 0.00	19.37 -0.32 0.00	18.86 -0.37 0.00	20.39 -0.50 0.00	22.00 -0.54 0.00	23.35 -0.53 0.00	26.58 -0.35 0.00	27.93 -0.23 0.00	28.30 -0.06 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.36 0.23 0.00	32.40 0.13 0.00	31.82 0.19 0.00	37.12 0.15 0.00	39.73 0.35 0.00	37.70 0.52 0.00	35.13 0.38 0.00	31.45 0.34 0.00	30.06 0.24 0.00	27.83 0.14 0.00	25.53 0.25 0.00
N.AKRON__115KV_KNAPP 355671	24.83 0.82 0.00	22.93 0.62 0.00	21.37 0.46 0.00	20.02 0.33 0.00	19.61 0.38 0.00	21.27 0.38 0.00	22.91 0.34 -0.02	24.11 0.14 -0.09	27.04 0.11 0.00	28.19 0.03 0.00	28.55 0.20 0.00	30.17 0.36 0.00	30.89 0.49 0.00	32.55 0.42 0.00	32.69 0.42 0.00	31.97 0.35 0.00	36.93 -0.04 0.00	39.26 -0.12 0.00	37.37 0.19 0.00	35.10 0.35 0.00	31.94 0.84 0.00	30.63 0.81 0.00	28.30 0.61 0.00	26.03 0.76 0.00
N.BELMOR_69_KV_BK1 55787	28.49 2.33 -2.15	24.45 2.14 0.00	22.80 1.88 0.00	21.38 1.69 0.00	20.80 1.58 0.00	23.37 1.86 -0.62	25.81 2.21 -1.05	27.39 2.48 -1.03	29.39 2.45 0.00	30.50 2.34 0.00	30.54 2.18 0.00	32.17 2.36 0.00	32.98 2.58 0.00	35.00 2.86 0.00	35.24 2.97 0.00	34.57 2.94 0.00	40.70 3.73 0.00	43.62 3.98 -0.27	41.19 3.57 -0.44	37.95 3.20 0.00	33.72 2.61 0.00	32.18 2.36 0.00	30.07 2.38 0.00	27.75 2.38 -0.10
N.E._GEN_SANDY PD 24062	25.30 1.20 -0.09	23.49 1.18 0.00	22.06 1.15 0.00	20.69 1.00 0.00	20.20 0.98 0.00	22.04 1.15 0.00	24.10 1.28 -0.27	27.70 1.26 -2.56	28.40 1.45 -0.01	29.59 1.44 0.00	29.69 1.33 0.00	31.13 1.31 0.00	31.68 1.28 0.00	33.55 1.41 0.00	33.66 1.39 0.00	32.99 1.36 0.00	38.67 1.70 0.00	41.19 1.81 0.00	38.86 1.67 0.00	36.31 1.57 0.00	32.35 1.25 0.00	30.99 1.16 0.00	28.88 1.19 0.00	26.34 1.06 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.59 1.58 0.00	23.74 1.43 0.00	22.21 1.30 0.00	20.85 1.16 0.00	20.30 1.08 0.00	22.10 1.21 0.00	24.23 1.51 -0.17	26.23 1.70 -0.65	28.82 1.89 0.00	30.13 1.97 0.00	30.20 1.84 0.00	31.78 1.97 0.00	32.41 2.01 0.00	34.16 2.02 0.00	34.37 2.10 0.00	33.65 2.02 0.00	39.67 2.70 0.00	42.25 2.87 0.00	39.67 2.49 0.00	36.97 2.22 0.00	32.88 1.77 0.00	31.56 1.73 0.00	29.41 1.72 0.00	26.82 1.54 0.00
N. QUEENS_27_KV_LOAD 356247	25.98 1.97 0.00	24.09 1.78 0.00	22.54 1.63 0.00	21.18 1.50 0.00	20.65 1.42 0.00	22.48 1.59 0.00	24.62 1.89 -0.18	26.74 2.17 -0.69	29.28 2.34 0.00	30.62 2.48 0.02	30.59 2.24 0.00	32.23 2.41 0.00	32.80 2.40 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.90 2.28 0.00	40.07 3.11 0.00	42.61 3.23 0.00	40.27 3.09 0.00	37.11 2.36 0.00	32.85 1.74 0.00	31.85 2.03 0.00	29.91 2.22 0.00	27.27 2.00 0.00
N. TROY___115KV_TB1 355778	25.79 1.25 -0.53	23.49 1.18 0.00	22.00 1.09 0.00	20.69 1.00 0.00	20.18 0.96 0.00	21.98 1.09 0.00	24.45 1.31 -0.60	36.38 1.29 -11.22	28.51 1.51 -0.06	29.65 1.49 0.00	29.74 1.39 0.00	31.22 1.40 0.00	31.74 1.34 0.00	33.62 1.48 0.00	33.72 1.45 0.00	33.02 1.39 0.00	38.63 1.66 0.00	41.11 1.73 0.00	38.85 1.67 0.00	36.31 1.56 0.00	32.47 1.37 0.00	31.08 1.25 0.00	28.94 1.25 0.00	26.39 1.11 0.00
NARROWS_GT1_1 24228	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT1_2 24229	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT1_3 24230	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT1_4 24231	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT1_5 24232	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT1_6 24233	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT1_7 24234	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT1_8 24235	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT2_1 24236	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT2_2 24237	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT2_3 24238	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT2_4 24239	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01

NARROWS_GT2_5 24240	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT2_6 24241	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT2_7 24242	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NARROWS_GT2_8 24243	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.17 1.32 0.16	23.42 1.12 0.00	21.96 1.05 0.00	20.61 0.93 0.00	20.03 0.81 0.00	21.83 0.94 0.00	23.92 1.26 -0.11	22.77 1.17 2.28	28.13 1.21 0.02	29.31 1.15 0.00	29.49 1.13 0.00	30.92 1.10 0.00	31.40 1.00 0.00	33.39 1.25 0.00	33.43 1.16 0.00	32.77 1.14 0.00	38.37 1.40 0.00	40.99 1.61 0.00	38.78 1.60 0.00	36.35 1.60 0.00	32.50 1.40 0.00	31.14 1.31 0.00	28.97 1.27 0.00	26.41 1.14 0.00
NCHELSEA_115KV_TR2 355582	25.67 1.66 0.00	23.82 1.52 0.00	22.29 1.38 0.00	20.93 1.24 0.00	20.34 1.11 0.00	22.15 1.25 0.00	24.26 1.53 -0.18	26.19 1.62 -0.69	28.74 1.80 0.00	30.07 1.91 0.00	30.17 1.81 0.00	31.75 1.94 0.00	32.31 1.92 0.00	34.16 2.02 0.00	34.30 2.03 0.00	33.59 1.96 0.00	39.56 2.59 0.00	42.18 2.80 0.00	39.64 2.45 0.00	36.97 2.22 0.00	32.88 1.77 0.00	31.56 1.73 0.00	29.44 1.74 0.00	26.84 1.57 0.00
NEG CAPITAL___MECHNVIL 23645	25.96 1.63 -0.32	23.80 1.49 0.00	22.34 1.42 0.00	20.95 1.26 0.00	20.46 1.23 0.00	22.31 1.42 0.00	24.64 1.64 -0.46	32.62 1.70 -7.05	28.97 1.99 -0.04	30.16 2.00 0.00	30.28 1.93 0.00	31.72 1.91 0.00	32.22 1.82 0.00	34.20 2.06 0.00	34.27 2.00 0.00	33.56 1.93 0.00	39.22 2.26 0.00	41.82 2.44 0.00	39.60 2.42 0.00	36.97 2.23 0.00	33.13 2.02 0.00	31.68 1.85 0.00	29.47 1.77 0.00	26.87 1.59 0.00
NEG CENTRAL_HIGH_ACRES 23767	24.13 0.00 -0.12	22.31 -0.04 -0.05	20.79 -0.12 0.00	19.47 -0.22 0.00	19.05 -0.17 0.00	20.72 -0.17 0.00	22.42 -0.20 -0.08	23.85 -0.22 -0.18	26.76 -0.35 -0.17	28.03 -0.31 -0.18	28.37 -0.17 -0.19	30.00 -0.06 -0.25	30.64 0.03 -0.21	32.10 -0.06 -0.03	32.24 -0.03 0.00	31.56 -0.06 0.00	36.60 -0.37 0.00	38.91 -0.47 0.00	36.93 -0.30 -0.04	34.51 -0.24 0.00	31.23 0.12 0.00	29.98 0.15 0.00	27.66 -0.03 0.00	25.27 -0.03 -0.02
NEG CENTRAL___DRP 24199	24.77 0.43 -0.33	22.81 0.38 -0.12	21.16 0.25 0.00	19.86 0.18 0.00	19.42 0.19 0.00	21.14 0.25 0.00	23.06 0.34 -0.17	24.53 0.29 -0.37	27.69 0.30 -0.45	28.93 0.31 -0.47	29.27 0.43 -0.49	31.07 0.60 -0.66	31.53 0.58 -0.55	32.67 0.45 -0.08	32.79 0.52 0.00	32.13 0.51 0.00	37.37 0.41 0.00	39.73 0.35 0.00	37.75 0.45 -0.12	35.27 0.52 0.00	31.76 0.65 0.00	30.54 0.72 0.00	28.16 0.47 0.00	25.75 0.43 -0.04
NEG CENTRAL___INDECK 23768	25.43 1.42 0.00	23.56 1.25 0.00	21.96 1.05 0.00	20.53 0.85 0.00	20.11 0.88 0.00	21.87 0.98 0.00	23.54 0.97 -0.03	24.63 0.97 -0.11	27.45 0.51 0.00	28.69 0.53 0.00	28.98 0.62 0.00	30.62 0.81 0.00	31.22 0.82 0.00	32.84 0.71 0.00	33.17 0.90 0.00	32.48 0.85 0.00	37.63 0.67 0.00	40.21 0.83 0.00	38.48 1.30 0.00	36.38 1.63 0.00	33.16 2.05 0.00	32.03 2.21 0.00	29.33 1.63 0.00	26.82 1.54 0.00
NEG CENTRAL___SENECA 23627	24.82 0.65 -0.17	22.93 0.56 -0.06	21.31 0.40 0.00	19.98 0.30 0.00	19.53 0.31 0.00	21.29 0.40 0.00	23.12 0.47 -0.10	24.52 0.41 -0.24	27.63 0.46 -0.23	28.87 0.48 -0.24	29.23 0.62 -0.25	30.98 0.83 -0.33	31.47 0.79 -0.28	32.82 0.64 -0.04	32.98 0.71 0.00	32.29 0.66 0.00	37.52 0.55 0.00	39.89 0.51 0.00	37.87 0.63 -0.06	35.48 0.73 0.00	32.01 0.90 0.00	30.84 1.01 0.00	28.38 0.69 0.00	25.95 0.66 -0.02
NEG CENTRAL___STATE_STREET 24147	25.01 0.53 -0.47	23.00 0.51 -0.18	21.31 0.40 0.00	20.00 0.31 0.00	19.53 0.31 0.00	21.29 0.40 0.00	23.26 0.47 -0.24	24.84 0.48 -0.49	28.09 0.51 -0.65	29.41 0.59 -0.66	29.74 0.68 -0.70	31.43 0.69 -0.93	31.88 0.70 -0.79	33.05 0.80 -0.11	33.14 0.87 0.00	32.48 0.85 0.00	37.82 0.85 0.00	40.21 0.83 0.00	38.17 0.82 -0.17	35.58 0.83 0.00	32.01 0.90 0.00	30.75 0.92 0.00	28.33 0.64 0.00	25.89 0.56 -0.06
NEG MILLWOOD___DRP 24198	25.74 1.73 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.35 1.62 -0.18	26.41 1.84 -0.70	28.98 2.05 0.00	30.50 2.34 0.00	30.57 2.21 0.00	32.17 2.36 0.00	32.80 2.40 0.00	34.64 2.51 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.11 3.14 0.00	42.73 3.35 0.00	40.16 2.97 0.00	37.42 2.68 0.00	33.34 2.24 0.00	31.82 2.00 0.00	29.66 1.97 0.00	26.99 1.72 0.00
NEG NORTH_FLCN_SEA 23793	23.53 -0.48 0.00	21.91 -0.40 0.00	20.60 -0.31 0.00	19.39 -0.30 0.00	18.95 -0.27 0.00	20.58 -0.31 0.00	22.21 -0.34 0.00	23.59 -0.29 0.00	26.91 -0.03 0.00	28.27 0.11 0.00	28.67 0.31 0.00	30.14 0.33 0.00	30.98 0.58 0.00	32.88 0.74 0.00	32.92 0.65 0.00	32.32 0.70 0.00	37.71 0.74 0.00	40.40 1.02 0.00	38.33 1.15 0.00	35.83 1.08 0.00	31.98 0.87 0.00	30.60 0.78 0.00	28.27 0.58 0.00	25.88 0.61 0.00
NEG NORTH_KES_CHATEGAY 23792	23.26 -0.74 0.00	21.66 -0.65 0.00	20.37 -0.54 0.00	19.19 -0.49 0.00	18.76 -0.46 0.00	20.37 -0.52 0.00	21.96 -0.59 0.00	23.35 -0.53 0.00	26.56 -0.38 0.00	27.93 -0.23 0.00	28.30 -0.06 0.00	29.78 -0.03 0.00	30.58 0.18 0.00	32.43 0.29 0.00	32.46 0.19 0.00	31.85 0.22 0.00	37.19 0.22 0.00	39.85 0.47 0.00	37.81 0.63 0.00	35.37 0.63 0.00	31.57 0.47 0.00	30.18 0.36 0.00	27.94 0.25 0.00	25.55 0.28 0.00



NEG NORTH___ALICE_FALLS 23915	23.50 -0.50 0.00	21.88 -0.42 0.00	20.58 -0.33 0.00	19.37 -0.31 0.00	18.95 -0.27 0.00	20.56 -0.33 0.00	22.18 -0.36 0.00	23.57 -0.31 0.00	26.85 -0.08 0.00	28.21 0.06 0.00	28.61 0.26 0.00	30.11 0.30 0.00	30.95 0.55 0.00	32.84 0.71 0.00	32.88 0.61 0.00	32.26 0.63 0.00	37.67 0.70 0.00	40.36 0.98 0.00	38.33 1.15 0.00	35.83 1.08 0.00	31.98 0.87 0.00	30.57 0.75 0.00	28.25 0.55 0.00	25.86 0.58 0.00
NEG NORTH___LWR_SARANAC 23913	23.50 -0.50 0.00	21.88 -0.42 0.00	20.58 -0.33 0.00	19.37 -0.31 0.00	18.95 -0.27 0.00	20.56 -0.33 0.00	22.18 -0.36 0.00	23.57 -0.31 0.00	26.85 -0.08 0.00	28.21 0.06 0.00	28.61 0.26 0.00	30.11 0.30 0.00	30.95 0.55 0.00	32.84 0.71 0.00	32.88 0.61 0.00	32.26 0.63 0.00	37.67 0.70 0.00	40.36 0.98 0.00	38.33 1.15 0.00	35.83 1.08 0.00	31.98 0.87 0.00	30.57 0.75 0.00	28.25 0.55 0.00	25.86 0.58 0.00
NEG NORTH___PLATTSBURG 23628	23.50 -0.51 0.00	21.88 -0.42 0.00	20.50 -0.42 0.00	19.37 -0.32 0.00	18.88 -0.35 0.00	20.49 -0.40 0.00	22.18 -0.36 0.00	23.57 -0.31 0.00	26.86 -0.08 0.00	28.21 0.06 0.00	28.61 0.25 0.00	30.11 0.30 0.00	30.95 0.55 0.00	32.84 0.71 0.00	32.88 0.61 0.00	32.26 0.63 0.00	37.67 0.70 0.00	40.36 0.98 0.00	38.34 1.15 0.00	35.69 0.94 0.00	31.97 0.87 0.00	30.51 0.69 0.00	28.25 0.55 0.00	25.86 0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	24.47 0.46 0.00	22.58 0.27 0.00	21.06 0.15 0.00	19.71 0.02 0.00	19.30 0.08 0.00	20.93 0.04 0.00	22.52 -0.05 -0.03	23.64 -0.33 -0.10	26.56 -0.38 0.00	27.68 -0.48 0.00	28.01 -0.34 0.00	29.58 -0.24 0.00	30.28 -0.12 0.00	31.91 -0.22 0.00	32.08 -0.19 0.00	31.41 -0.22 0.00	36.23 -0.74 0.00	38.43 -0.95 0.00	36.59 -0.59 0.00	34.37 -0.38 0.00	31.29 0.19 0.00	30.00 0.18 0.00	27.78 0.08 0.00	25.58 0.30 0.00
NEG WEST___LANCASTR 23811	24.73 0.72 0.00	22.82 0.51 0.00	21.27 0.36 0.00	19.88 0.20 0.00	19.49 0.27 0.00	21.16 0.27 0.00	22.82 0.25 -0.03	23.35 -0.64 -0.11	26.96 0.03 0.00	28.16 0.00 0.00	28.47 0.11 0.00	30.05 0.24 0.00	30.79 0.40 0.00	32.52 0.39 0.00	32.75 0.48 0.00	32.10 0.47 0.00	37.08 0.11 0.00	39.38 0.00 0.00	37.33 0.15 0.00	35.03 0.28 0.00	31.85 0.75 0.00	30.51 0.69 0.00	28.08 0.39 0.00	25.96 0.68 0.00
NEG_PENN_ALLEGHNY 23528	24.86 0.65 -0.20	22.96 0.58 -0.08	21.41 0.50 0.00	20.04 0.35 0.00	19.61 0.38 0.00	21.35 0.46 0.00	23.20 0.52 -0.14	24.68 0.43 -0.37	27.74 0.54 -0.27	29.00 0.56 -0.28	29.27 0.62 -0.29	30.95 0.75 -0.39	31.55 0.82 -0.33	32.95 0.77 -0.05	33.14 0.87 0.00	32.48 0.85 0.00	37.82 0.85 0.00	40.24 0.87 0.00	38.07 0.82 -0.07	35.55 0.80 0.00	32.01 0.90 0.00	30.72 0.89 0.00	28.39 0.69 0.00	25.96 0.66 -0.02
NEG___GEN_MONROE 24207	24.68 0.67 0.00	22.87 0.56 0.00	21.33 0.42 0.00	19.96 0.28 0.00	19.55 0.33 0.00	21.25 0.36 0.00	22.93 0.36 -0.02	24.24 0.29 -0.08	27.07 0.13 0.00	28.16 0.00 0.00	28.50 0.14 0.00	30.05 0.24 0.00	30.73 0.33 0.00	32.33 0.19 0.00	32.53 0.26 0.00	31.82 0.19 0.00	36.89 -0.07 0.00	39.22 -0.16 0.00	37.29 0.11 0.00	34.99 0.24 0.00	31.66 0.56 0.00	30.33 0.51 0.00	28.08 0.39 0.00	25.76 0.48 0.00
NEPA___ENERGY 23901	25.02 1.01 0.00	23.09 0.78 0.00	21.52 0.61 0.00	20.10 0.41 0.00	19.70 0.48 0.00	21.39 0.50 0.00	23.12 0.54 -0.03	24.16 0.17 -0.11	27.39 0.46 0.00	28.58 0.42 0.00	28.89 0.54 0.00	30.47 0.66 0.00	31.22 0.82 0.00	32.97 0.84 0.00	33.21 0.94 0.00	32.54 0.92 0.00	37.63 0.67 0.00	39.93 0.55 0.00	37.85 0.67 0.00	35.55 0.80 0.00	32.35 1.24 0.00	30.96 1.13 0.00	28.50 0.80 0.00	26.26 0.99 0.00
NEVERSINK___HYD 23608	25.26 1.25 0.00	23.44 1.14 0.00	22.02 1.11 0.00	20.57 0.89 0.00	20.03 0.81 0.00	21.85 0.96 0.00	23.83 1.13 -0.16	25.69 1.22 -0.59	28.28 1.35 0.00	29.57 1.41 0.00	29.69 1.33 0.00	31.22 1.40 0.00	31.80 1.40 0.00	33.65 1.51 0.00	33.82 1.55 0.00	33.14 1.52 0.00	39.04 2.07 0.00	41.58 2.20 0.00	39.11 1.93 0.00	36.49 1.74 0.00	32.47 1.37 0.00	31.17 1.34 0.00	29.05 1.36 0.00	26.49 1.21 0.00
NEWKRMKL_115KV_TB1 55635	24.49 0.72 0.24	23.00 0.69 0.00	21.54 0.63 0.00	20.26 0.57 0.00	19.74 0.52 0.00	21.50 0.61 0.00	23.40 0.79 -0.07	20.86 0.79 3.81	27.85 0.94 0.03	29.06 0.90 0.00	29.21 0.85 0.00	30.65 0.83 0.00	31.19 0.79 0.00	33.00 0.87 0.00	33.14 0.87 0.00	32.45 0.82 0.00	37.97 1.00 0.00	40.52 1.14 0.00	38.22 1.04 0.00	35.72 0.97 0.00	31.88 0.78 0.00	30.54 0.72 0.00	28.44 0.75 0.00	25.93 0.66 0.00
NEWTON___FALLS_HYD 23847	24.18 0.00 -0.18	22.37 0.00 -0.07	20.91 0.00 0.00	19.71 0.02 0.00	19.26 0.04 0.00	20.68 -0.21 0.00	22.31 -0.32 -0.08	23.68 -0.36 -0.16	26.76 -0.40 -0.23	28.03 -0.37 -0.24	28.27 -0.34 -0.25	29.82 -0.33 -0.34	30.38 -0.30 -0.28	31.82 -0.35 -0.04	31.85 -0.42 0.00	31.25 -0.38 0.00	36.49 -0.48 0.00	38.95 -0.43 0.00	36.95 -0.30 -0.06	34.58 -0.17 0.00	30.98 -0.12 0.00	29.68 -0.15 0.00	27.50 -0.19 0.00	25.30 0.00 -0.02
NGRID_A1_DSASP 323792	23.94 -0.07 0.00	22.11 -0.20 0.00	20.75 -0.17 0.00	19.35 -0.33 0.00	18.99 -0.23 0.00	20.60 -0.29 0.00	22.10 -0.47 -0.03	23.14 -0.84 -0.10	25.88 -1.05 0.00	27.03 -1.13 0.00	27.31 -1.05 0.00	28.92 -0.89 0.00	29.61 -0.79 0.00	31.11 -1.03 0.00	31.27 -1.00 0.00	30.61 -1.01 0.00	35.23 -1.74 0.00	37.45 -1.93 0.00	35.62 -1.56 0.00	33.39 -1.36 0.00	30.51 -0.59 0.00	29.32 -0.51 0.00	27.17 -0.53 0.00	25.00 -0.28 0.00
NGRID_A2_DSASP 323793	23.94 -0.07 0.00	22.11 -0.20 0.00	20.75 -0.17 0.00	19.35 -0.33 0.00	18.99 -0.23 0.00	20.60 -0.29 0.00	22.10 -0.47 -0.03	23.14 -0.84 -0.10	25.88 -1.05 0.00	27.03 -1.13 0.00	27.31 -1.05 0.00	28.92 -0.89 0.00	29.61 -0.79 0.00	31.11 -1.03 0.00	31.27 -1.00 0.00	30.61 -1.01 0.00	35.23 -1.74 0.00	37.45 -1.93 0.00	35.62 -1.56 0.00	33.39 -1.36 0.00	30.51 -0.59 0.00	29.32 -0.51 0.00	27.17 -0.53 0.00	25.00 -0.28 0.00
NGRID_A4_DSASP 323807	24.06 0.05 0.00	22.22 -0.09 0.00	20.72 -0.19 0.00	19.25 -0.43 0.00	18.88 -0.35 0.00	20.60 -0.29 0.00	22.12 -0.45 -0.03	23.16 -0.81 -0.10	25.94 -1.00 0.00	27.03 -1.13 0.00	27.33 -1.02 0.00	28.83 -0.98 0.00	29.52 -0.88 0.00	31.11 -1.03 0.00	31.27 -1.00 0.00	30.61 -1.01 0.00	35.30 -1.66 0.00	37.45 -1.93 0.00	35.62 -1.56 0.00	33.50 -1.25 0.00	30.51 -0.59 0.00	29.26 -0.57 0.00	27.11 -0.58 0.00	25.00 -0.28 0.00
NIAGARA_115E_LBMP 323715	24.13 0.12 0.00	22.26 -0.04 0.00	20.70 -0.21 0.00	19.29 -0.39 0.00	18.95 -0.27 0.00	20.56 -0.34 0.00	22.10 -0.47 -0.03	23.19 -0.79 -0.10	25.99 -0.94 0.00	27.15 -1.01 0.00	27.42 -0.94 0.00	29.04 -0.78 0.00	29.76 -0.64 0.00	31.24 -0.90 0.00	31.43 -0.84 0.00	30.74 -0.89 0.00	35.42 -1.55 0.00	37.65 -1.73 0.00	35.81 -1.37 0.00	33.57 -1.18 0.00	30.67 -0.44 0.00	29.47 -0.36 0.00	27.28 -0.41 0.00	25.07 -0.20 0.00

NIAGARA_115W_LBMP 323714	23.87 -0.14 0.00	22.04 -0.27 0.00	20.70 -0.21 0.00	19.29 -0.39 0.00	18.95 -0.27 0.00	20.56 -0.34 0.00	22.03 -0.54 -0.03	23.07 -0.91 -0.10	25.83 -1.11 0.00	26.95 -1.21 0.00	27.22 -1.14 0.00	28.83 -0.98 0.00	29.52 -0.88 0.00	31.01 -1.13 0.00	31.17 -1.10 0.00	30.52 -1.11 0.00	35.12 -1.85 0.00	37.33 -2.05 0.00	35.51 -1.67 0.00	33.29 -1.46 0.00	30.42 -0.68 0.00	29.23 -0.60 0.00	27.08 -0.61 0.00	24.92 -0.35 0.00
NIAGARA_230_LBMP 323716	24.18 0.17 0.00	22.33 0.02 0.00	20.87 -0.04 0.00	19.45 -0.24 0.00	19.11 -0.11 0.00	20.72 -0.17 0.00	22.28 -0.29 -0.03	23.38 -0.60 -0.10	26.18 -0.75 0.00	27.34 -0.82 0.00	27.62 -0.74 0.00	29.25 -0.57 0.00	29.94 -0.46 0.00	31.46 -0.68 0.00	31.62 -0.65 0.00	30.96 -0.67 0.00	35.67 -1.29 0.00	37.88 -1.50 0.00	36.07 -1.11 0.00	33.78 -0.97 0.00	30.85 -0.25 0.00	29.62 -0.21 0.00	27.44 -0.25 0.00	25.25 -0.03 0.00
NIAGARA__115KV_198_GIBSON 55903	23.98 -0.02 0.00	22.15 -0.16 0.00	20.66 -0.25 0.00	19.19 -0.49 0.00	18.82 -0.40 0.00	20.56 -0.33 0.00	22.07 -0.50 -0.03	23.09 -0.88 -0.10	25.86 -1.08 0.00	26.95 -1.21 0.00	27.28 -1.08 0.00	28.74 -1.07 0.00	29.43 -0.97 0.00	31.01 -1.12 0.00	31.17 -1.10 0.00	30.52 -1.11 0.00	35.19 -1.77 0.00	37.33 -2.05 0.00	35.51 -1.67 0.00	33.39 -1.36 0.00	30.42 -0.68 0.00	29.14 -0.69 0.00	27.03 -0.66 0.00	24.92 -0.35 0.00
NIAGARA____ 23760	23.98 -0.02 0.00	22.15 -0.16 0.00	20.70 -0.21 0.00	19.29 -0.39 0.00	18.95 -0.27 0.00	20.56 -0.34 0.00	22.07 -0.50 -0.03	23.21 -0.77 -0.10	25.99 -0.94 0.00	27.15 -1.01 0.00	27.42 -0.94 0.00	29.04 -0.78 0.00	29.76 -0.64 0.00	31.27 -0.87 0.00	31.43 -0.84 0.00	30.77 -0.85 0.00	35.45 -1.52 0.00	37.69 -1.69 0.00	35.84 -1.34 0.00	33.57 -1.18 0.00	30.64 -0.47 0.00	29.44 -0.39 0.00	27.25 -0.44 0.00	25.02 -0.25 0.00
NINE_MILE_1 23575	20.47 -0.62 2.91	20.62 -0.58 1.11	20.35 -0.56 0.00	19.11 -0.57 0.00	18.67 -0.56 0.00	20.31 -0.58 0.00	20.62 -0.63 1.29	20.82 -0.67 2.39	22.25 -0.81 3.88	23.33 -0.84 3.99	23.34 -0.79 4.22	23.40 -0.80 5.61	24.88 -0.79 4.72	30.57 -0.90 0.67	31.40 -0.87 0.00	30.77 -0.85 0.00	35.89 -1.07 0.00	38.20 -1.18 0.00	35.08 -1.08 1.02	33.78 -0.97 0.00	30.30 -0.81 0.00	29.08 -0.74 0.00	26.95 -0.75 0.00	24.24 -0.68 0.36
NINE_MILE_2 23744	20.43 -0.62 2.96	20.60 -0.58 1.13	20.35 -0.56 0.00	19.11 -0.57 0.00	18.67 -0.56 0.00	20.31 -0.58 0.00	20.60 -0.63 1.31	20.79 -0.67 2.42	22.19 -0.81 3.94	23.27 -0.84 4.05	23.28 -0.79 4.28	23.32 -0.79 5.70	24.81 -0.79 4.80	30.56 -0.87 0.68	31.40 -0.87 0.00	30.77 -0.85 0.00	35.89 -1.07 0.00	38.20 -1.18 0.00	35.07 -1.08 1.03	33.78 -0.97 0.00	30.30 -0.81 0.00	29.08 -0.74 0.00	26.95 -0.75 0.00	24.23 -0.68 0.36
NM_CAPITAL____DRP 24208	24.50 0.79 0.30	23.07 0.76 0.00	21.60 0.69 0.00	20.32 0.63 0.00	19.82 0.60 0.00	21.58 0.69 0.00	23.43 0.86 -0.03	19.72 0.86 5.01	27.90 1.00 0.04	29.12 0.96 0.00	29.26 0.91 0.00	30.71 0.89 0.00	31.22 0.82 0.00	33.07 0.93 0.00	33.17 0.90 0.00	32.51 0.89 0.00	38.04 1.07 0.00	40.60 1.22 0.00	38.30 1.12 0.00	35.79 1.04 0.00	31.94 0.84 0.00	30.60 0.78 0.00	28.50 0.80 0.00	25.98 0.71 0.00
NM_CENTRAL____DRP 24181	24.24 -0.05 -0.28	22.35 -0.07 -0.11	20.79 -0.13 0.00	19.53 -0.16 0.00	19.07 -0.15 0.00	20.77 -0.13 0.00	22.60 -0.09 -0.15	24.06 -0.12 -0.31	27.12 -0.22 -0.40	28.37 -0.20 -0.41	28.67 -0.11 -0.43	30.33 -0.06 -0.57	30.85 -0.03 -0.48	32.11 -0.10 -0.07	32.21 -0.06 0.00	31.56 -0.06 0.00	36.78 -0.18 0.00	39.10 -0.28 0.00	37.03 -0.26 -0.10	34.58 -0.17 0.00	31.04 -0.06 0.00	29.77 -0.06 0.00	27.55 -0.14 0.00	25.16 -0.15 -0.04
NM_FRONTIER____DRP 24179	23.98 -0.02 0.00	22.15 -0.16 0.00	20.66 -0.25 0.00	19.19 -0.49 0.00	18.82 -0.40 0.00	20.56 -0.33 0.00	22.07 -0.50 -0.03	23.09 -0.88 -0.10	25.86 -1.08 0.00	26.95 -1.21 0.00	27.28 -1.08 0.00	28.74 -1.07 0.00	29.43 -0.97 0.00	31.01 -1.12 0.00	31.17 -1.10 0.00	30.52 -1.11 0.00	35.19 -1.77 0.00	37.33 -2.05 0.00	35.51 -1.67 0.00	33.39 -1.36 0.00	30.42 -0.68 0.00	29.14 -0.69 0.00	27.03 -0.66 0.00	24.92 -0.35 0.00
NM_ST_REGIS____HYD 24053	23.56 -0.53 -0.08	21.87 -0.47 -0.03	20.54 -0.38 0.00	19.37 -0.31 0.00	18.99 -0.23 0.00	20.26 -0.63 0.00	21.72 -0.86 -0.04	23.04 -0.91 -0.07	26.13 -0.92 -0.11	27.40 -0.87 -0.11	27.71 -0.77 -0.12	29.17 -0.80 -0.16	29.83 -0.70 -0.13	31.42 -0.74 -0.02	31.43 -0.84 0.00	30.84 -0.79 0.00	36.01 -0.96 0.00	38.51 -0.87 0.00	36.50 -0.71 -0.03	34.09 -0.66 0.00	30.48 -0.62 0.00	29.20 -0.63 0.00	27.11 -0.58 0.00	25.01 -0.28 -0.01
NORTHPORT____1 23551	28.70 2.54 -2.15	24.65 2.34 0.00	23.09 2.17 0.00	21.52 1.83 0.00	21.03 1.81 0.00	23.66 2.15 -0.62	25.97 2.37 -1.06	27.53 2.63 -1.03	29.79 2.85 0.00	30.49 2.34 0.00	30.42 2.07 0.00	31.84 2.03 0.00	32.80 2.40 0.00	34.90 2.76 0.00	35.11 2.84 0.00	34.41 2.78 0.00	39.98 3.29 0.28	43.15 3.50 -0.27	40.96 3.20 -0.58	38.02 3.27 0.00	33.69 2.58 0.00	32.03 2.21 0.00	30.02 2.33 0.00	27.87 2.50 -0.10
NORTHPORT____2 23552	28.70 2.54 -2.15	24.65 2.34 0.00	23.09 2.17 0.00	21.52 1.83 0.00	21.03 1.81 0.00	23.66 2.15 -0.62	25.97 2.37 -1.06	27.53 2.63 -1.03	29.79 2.85 0.00	30.49 2.34 0.00	30.42 2.07 0.00	31.84 2.03 0.00	32.80 2.40 0.00	34.90 2.76 0.00	35.11 2.84 0.00	34.41 2.78 0.00	39.98 3.29 0.28	43.15 3.50 -0.27	40.27 3.20 0.11	38.02 3.27 0.00	33.69 2.58 0.00	32.03 2.21 0.00	30.02 2.33 0.00	27.87 2.50 -0.10
NORTHPORT____3 23553	28.32 2.16 -2.15	24.29 1.98 0.00	22.75 1.84 0.00	21.24 1.55 0.00	20.74 1.52 0.00	23.33 1.82 -0.62	25.78 2.19 -1.05	27.43 2.53 -1.02	29.41 2.48 0.00	30.36 2.20 0.00	30.25 1.90 0.00	31.45 1.64 0.00	32.37 1.97 0.00	34.48 2.34 0.00	34.69 2.42 0.00	34.00 2.37 0.00	40.37 3.58 0.18	43.30 3.66 -0.26	40.44 3.38 0.12	37.38 2.64 0.01	33.12 2.02 0.01	31.55 1.73 0.00	29.74 2.05 0.00	27.55 2.17 -0.10
NORTHPORT____4 23650	28.32 2.16 -2.15	24.29 1.98 0.00	22.75 1.84 0.00	21.24 1.55 0.00	20.74 1.52 0.00	23.33 1.82 -0.62	25.78 2.19 -1.05	27.43 2.53 -1.02	29.41 2.48 0.00	30.36 2.20 0.00	30.25 1.90 0.00	31.45 1.64 0.00	32.37 1.97 0.00	34.48 2.34 0.00	34.69 2.42 0.00	34.00 2.37 0.00	40.37 3.58 0.18	43.30 3.66 -0.26	40.44 3.38 0.12	37.38 2.64 0.01	33.12 2.02 0.01	31.55 1.73 0.00	29.74 2.05 0.00	27.55 2.17 -0.10
NORTHPORT____IC 23718	28.70 2.54 -2.15	24.65 2.34 0.00	23.09 2.17 0.00	21.52 1.83 0.00	21.03 1.81 0.00	23.66 2.15 -0.62	25.97 2.37 -1.06	27.53 2.63 -1.03	29.79 2.85 0.00	30.49 2.34 0.00	30.42 2.07 0.00	31.84 2.03 0.00	32.80 2.40 0.00	34.90 2.76 0.00	35.11 2.84 0.00	34.41 2.78 0.00	39.98 3.29 0.28	43.15 3.50 -0.27	40.27 3.20 0.11	38.02 3.27 0.00	33.69 2.58 0.00	32.03 2.21 0.00	30.02 2.33 0.00	27.87 2.50 -0.10

NORTH__COUNTRY_ESR 323785	23.17 -0.84 0.00	21.57 -0.74 0.00	20.22 -0.69 0.00	19.14 -0.55 0.00	18.63 -0.60 0.00	20.22 -0.67 0.00	21.89 -0.65 0.00	23.28 -0.60 0.00	26.50 -0.43 0.00	27.88 -0.28 0.00	28.24 -0.11 0.00	29.70 -0.12 0.00	30.49 0.09 0.00	32.33 0.19 0.00	32.40 0.13 0.00	31.79 0.16 0.00	37.12 0.15 0.00	39.73 0.35 0.00	37.70 0.52 0.00	35.13 0.38 0.00	31.45 0.34 0.00	30.04 0.21 0.00	27.83 0.14 0.00	25.48 0.20 0.00
NPX_GEN_1385_PROXY 323591	28.20 2.04 -2.15	24.32 2.01 0.00	22.77 1.86 0.00	21.24 1.55 0.00	20.74 1.52 0.00	23.37 1.86 -0.62	25.63 2.03 -1.06	27.18 2.27 -1.03	29.36 2.43 0.00	30.02 1.86 0.00	29.74 1.39 0.00	31.30 1.49 0.00	32.22 1.82 0.00	34.10 1.96 0.00	34.30 2.03 0.00	33.62 1.99 0.00	38.83 2.14 0.28	42.09 2.44 -0.27	40.24 2.60 -0.46	37.56 2.81 0.00	33.28 2.18 0.00	31.74 1.91 0.00	29.55 1.86 0.00	27.49 2.12 -0.10
NPX_GEN_CSC 323557	29.22 3.05 -2.16	25.15 2.83 -0.01	23.51 2.59 0.00	21.91 2.22 0.00	21.45 2.23 0.00	24.11 2.59 -0.63	26.57 2.91 -1.11	28.16 3.20 -1.09	30.17 3.23 0.00	30.78 2.62 0.00	30.54 2.18 0.00	31.99 2.18 0.00	33.07 2.68 0.00	35.26 3.12 -0.01	35.47 3.20 -0.01	34.80 3.16 -0.01	44.83 4.03 -3.83	43.96 4.25 -0.32	47.82 3.90 -6.74	38.42 3.61 -0.06	34.09 2.92 -0.06	32.48 2.65 0.00	30.07 2.38 0.00	27.98 2.60 -0.10
NSINS_S_GLNS_FALLS 23858	26.33 2.11 -0.20	24.16 1.85 0.00	22.63 1.71 0.00	21.26 1.57 0.00	20.72 1.50 0.00	22.60 1.71 0.00	25.00 2.07 -0.38	30.90 2.17 -4.85	29.57 2.61 -0.02	30.78 2.62 0.00	30.82 2.47 0.00	32.14 2.33 0.00	32.56 2.16 0.00	34.58 2.44 0.00	34.63 2.36 0.00	33.90 2.28 0.00	39.63 2.66 0.00	42.25 2.87 0.00	40.23 3.05 0.00	37.63 2.88 0.00	33.87 2.77 0.00	32.36 2.54 0.00	30.05 2.35 0.00	27.40 2.12 0.00
NUCOR_STEEL__DRP 24197	24.88 0.36 -0.51	22.86 0.36 -0.19	21.18 0.27 0.00	19.88 0.20 0.00	19.42 0.19 0.00	21.14 0.25 0.00	23.14 0.34 -0.25	24.70 0.31 -0.52	27.96 0.32 -0.70	29.24 0.37 -0.72	29.57 0.45 -0.76	31.42 0.60 -1.01	31.86 0.61 -0.85	32.80 0.55 -0.12	32.88 0.61 0.00	32.23 0.60 0.00	37.52 0.55 0.00	39.93 0.55 0.00	37.92 0.56 -0.18	35.34 0.59 0.00	31.76 0.65 0.00	30.51 0.69 0.00	28.14 0.44 0.00	25.74 0.40 -0.06
NUMBER_THREE_WT_PWR 323818	24.70 0.48 -0.21	22.83 0.45 -0.08	21.25 0.33 0.00	20.02 0.33 0.00	19.49 0.27 0.00	21.16 0.27 0.00	22.98 0.34 -0.10	24.43 0.36 -0.20	27.56 0.35 -0.28	28.87 0.42 -0.29	29.05 0.40 -0.30	30.69 0.48 -0.40	31.22 0.48 -0.34	32.63 0.45 -0.05	32.69 0.42 0.00	32.07 0.44 0.00	37.41 0.45 0.00	39.93 0.55 0.00	37.85 0.59 -0.07	35.48 0.73 0.00	31.79 0.68 0.00	30.60 0.77 0.00	28.19 0.50 0.00	25.78 0.48 -0.03
NYISO_LBMP_REFERENCE 24008	24.01 0.00 0.00	22.31 0.00 0.00	20.91 0.00 0.00	19.69 0.00 0.00	19.22 0.00 0.00	20.89 0.00 0.00	22.54 0.00 0.00	23.88 0.00 0.00	26.94 0.00 0.00	28.16 0.00 0.00	28.35 0.00 0.00	29.81 0.00 0.00	30.40 0.00 0.00	32.14 0.00 0.00	32.27 0.00 0.00	31.63 0.00 0.00	36.97 0.00 0.00	39.38 0.00 0.00	37.18 0.00 0.00	34.75 0.00 0.00	31.10 0.00 0.00	29.83 0.00 0.00	27.69 0.00 0.00	25.28 0.00 0.00
NYPA_BRENTWD__GT 24164	29.04 2.88 -2.15	24.96 2.65 0.00	23.36 2.45 0.00	21.79 2.11 0.00	21.30 2.08 0.00	23.96 2.44 -0.62	26.34 2.73 -1.07	27.93 3.01 -1.04	30.17 3.23 0.00	30.95 2.79 0.00	30.93 2.58 0.00	32.38 2.56 0.00	33.38 2.98 0.00	35.54 3.40 0.00	35.79 3.52 0.00	35.08 3.45 0.00	45.94 4.25 -4.72	44.14 4.49 -0.28	43.06 4.13 -1.75	38.69 3.93 -0.01	34.32 3.20 -0.01	32.63 2.80 0.00	30.46 2.77 0.00	28.25 2.88 -0.10
NYPA_GOWANUS__GT5 24156	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NYPA_GOWANUS__GT6 24157	26.06 2.04 -0.01	24.15 1.83 -0.01	22.68 1.76 -0.01	21.19 1.50 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.51 1.78 -0.18	26.72 2.15 -0.69	29.36 2.43 0.00	30.73 2.56 -0.01	30.68 2.33 0.00	32.36 2.53 -0.01	32.86 2.46 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.30 3.33 0.00	42.77 3.39 -0.01	40.27 3.08 0.00	37.28 2.54 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 -0.01	27.31 2.02 -0.01
NYPA_HARLEM_RVR_GT1 24160	25.94 1.92 -0.01	24.08 1.76 -0.01	22.64 1.72 -0.01	21.17 1.48 -0.01	20.67 1.44 -0.01	22.54 1.65 0.00	24.57 1.85 -0.18	26.70 2.12 -0.69	29.22 2.29 0.01	30.54 2.39 0.01	30.50 2.15 0.01	32.10 2.30 0.01	32.61 2.22 0.01	34.32 2.19 0.01	34.52 2.26 0.01	33.77 2.15 0.01	39.95 2.99 0.01	42.34 2.95 -0.01	40.12 2.94 0.00	37.00 2.26 0.01	32.71 1.62 0.01	31.76 1.94 0.00	29.83 2.13 -0.01	27.23 1.95 -0.01
NYPA_HARLEM_RVR_GT2 24161	25.94 1.92 -0.01	24.08 1.76 -0.01	22.64 1.72 -0.01	21.17 1.48 -0.01	20.67 1.44 -0.01	22.54 1.65 0.00	24.57 1.85 -0.18	26.70 2.12 -0.69	29.22 2.29 0.01	30.54 2.39 0.01	30.50 2.15 0.01	32.10 2.30 0.01	32.61 2.22 0.01	34.32 2.19 0.01	34.52 2.26 0.01	33.77 2.15 0.01	39.95 2.99 0.01	42.34 2.95 -0.01	40.12 2.94 0.00	37.00 2.26 0.01	32.71 1.62 0.01	31.76 1.94 0.00	29.83 2.13 -0.01	27.23 1.95 -0.01
NYPA_KENT__GT 24152	26.01 1.99 -0.01	24.10 1.79 -0.01	22.66 1.73 -0.01	21.17 1.48 -0.01	20.65 1.42 -0.01	22.50 1.61 0.00	24.53 1.80 -0.18	26.72 2.15 -0.69	29.33 2.40 0.00	30.70 2.54 -0.01	30.65 2.30 0.00	32.29 2.47 -0.01	32.80 2.40 0.00	34.55 2.41 0.00	34.72 2.45 0.00	34.00 2.37 0.00	40.18 3.21 0.00	42.65 3.27 -0.01	40.19 3.01 0.00	37.22 2.47 0.00	32.91 1.80 0.00	31.91 2.09 0.00	29.89 2.19 -0.01	27.26 1.97 -0.01
NYPA_POUCH1__GT 24155	26.01 1.99 -0.01	24.12 1.81 -0.01	22.66 1.73 -0.01	21.17 1.48 -0.01	20.63 1.40 -0.01	22.46 1.57 0.00	24.44 1.71 -0.18	26.65 2.08 -0.69	29.28 2.34 0.00	30.65 2.48 -0.02	30.60 2.24 0.00	32.28 2.45 -0.02	32.78 2.37 0.00	34.52 2.38 0.00	34.72 2.45 0.00	34.00 2.37 0.00	40.18 3.21 0.00	42.65 3.27 0.00	40.16 2.98 0.00	37.18 2.43 0.00	32.91 1.80 0.00	31.92 2.09 0.00	29.87 2.16 -0.02	27.26 1.97 -0.01
NYPA_VERNON__GT2 24162	25.99 1.97 -0.01	24.08 1.76 -0.01	22.64 1.72 -0.01	21.15 1.46 -0.01	20.63 1.40 -0.01	22.50 1.61 0.00	24.53 1.80 -0.18	26.72 2.15 -0.69	29.33 2.40 0.00	30.67 2.51 -0.01	30.62 2.27 0.00	32.23 2.41 0.00	32.77 2.37 0.00	34.48 2.34 0.00	34.66 2.39 0.00	33.93 2.31 0.00	40.15 3.18 0.00	42.58 3.19 -0.01	40.16 2.98 0.00	37.18 2.43 0.00	32.88 1.77 0.00	31.85 2.03 0.00	29.86 2.16 -0.01	27.23 1.95 -0.01

NYPA_VERNON____GT3 24163	25.99	24.08	22.64	21.15	20.63	22.50	24.53	26.72	29.33	30.67	30.62	32.23	32.77	34.48	34.66	33.93	40.15	42.58	40.16	37.18	32.88	31.85	29.86	27.23
	1.97	1.76	1.72	1.46	1.40	1.61	1.80	2.15	2.40	2.51	2.27	2.41	2.37	2.34	2.39	2.31	3.18	3.19	2.98	2.43	1.77	2.03	2.16	1.95
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.18	-0.69	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA____ASTORIA_CC1 323568	25.94	24.03	22.59	21.11	20.60	22.46	24.48	26.67	29.25	30.59	30.54	32.17	32.68	34.39	34.59	33.87	40.03	42.50	40.08	37.11	32.81	31.79	29.80	27.18
	1.92	1.72	1.67	1.42	1.37	1.57	1.76	2.10	2.32	2.42	2.18	2.35	2.28	2.25	2.32	2.25	3.07	3.11	2.90	2.36	1.71	1.97	2.10	1.90
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.18	-0.69	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	25.94	24.03	22.59	21.11	20.60	22.46	24.48	26.67	29.25	30.59	30.54	32.17	32.68	34.39	34.59	33.87	40.03	42.50	40.08	37.11	32.81	31.79	29.80	27.18
	1.92	1.72	1.67	1.42	1.37	1.57	1.76	2.10	2.32	2.42	2.18	2.35	2.28	2.25	2.32	2.25	3.07	3.11	2.90	2.36	1.71	1.97	2.10	1.90
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.18	-0.69	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA____HOLTSVILL 23794	29.00	24.93	23.34	21.75	21.26	23.92	26.36	27.95	30.01	30.78	30.68	32.08	33.10	35.30	35.51	34.83	44.74	43.87	47.69	38.42	34.08	32.39	30.21	28.10
	2.83	2.61	2.42	2.07	2.04	2.40	2.70	2.98	3.07	2.62	2.33	2.26	2.70	3.15	3.23	3.19	3.99	4.17	3.87	3.61	2.92	2.57	2.52	2.73
	-2.16	-0.01	0.00	0.00	0.00	-0.63	-1.11	-1.08	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-3.77	-0.32	-6.64	-0.06	-0.06	0.00	0.00	-0.10
NYPA____HELLGATE_GT1 24158	25.94	24.08	22.64	21.17	20.67	22.54	24.57	26.70	29.22	30.54	30.50	32.10	32.61	34.32	34.52	33.77	39.95	42.34	40.12	37.00	32.71	31.76	29.83	27.23
	1.92	1.76	1.72	1.48	1.44	1.65	1.85	2.12	2.29	2.39	2.15	2.30	2.22	2.19	2.26	2.15	2.99	2.95	2.94	2.26	1.62	1.94	2.13	1.95
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.18	-0.69	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	0.00	0.01	0.01	0.00	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	25.94	24.08	22.64	21.17	20.67	22.54	24.57	26.70	29.22	30.54	30.50	32.10	32.61	34.32	34.52	33.77	39.95	42.34	40.12	37.00	32.71	31.76	29.83	27.23
	1.92	1.76	1.72	1.48	1.44	1.65	1.85	2.12	2.29	2.39	2.15	2.30	2.22	2.19	2.26	2.15	2.99	2.95	2.94	2.26	1.62	1.94	2.13	1.95
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.18	-0.69	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	0.00	0.01	0.01	0.00	-0.01	-0.01
NYS_BARGE____HYD 23848	24.51	22.64	21.08	19.65	19.30	20.93	22.48	23.62	26.50	27.68	27.99	29.67	30.40	31.91	32.08	31.41	36.15	38.43	36.59	34.26	31.32	30.12	27.83	25.58
	0.50	0.34	0.17	-0.04	0.08	0.04	-0.09	-0.36	-0.43	-0.48	-0.37	-0.15	0.00	-0.22	-0.19	-0.22	-0.81	-0.95	-0.60	-0.49	0.22	0.30	0.14	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	24.54	22.73	21.23	19.86	19.44	21.12	22.77	24.15	27.02	28.24	28.58	30.17	30.86	32.55	32.69	32.04	37.08	39.42	37.44	35.03	31.76	30.45	28.19	25.75
	0.53	0.42	0.31	0.18	0.21	0.23	0.20	0.19	0.08	0.08	0.23	0.36	0.46	0.42	0.42	0.41	0.11	0.04	0.26	0.28	0.65	0.63	0.50	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	24.73	22.85	21.27	19.96	19.49	21.23	23.11	24.55	27.60	28.85	29.09	30.76	31.33	32.76	32.92	32.29	37.63	40.01	37.88	35.37	31.82	30.51	28.22	25.83
	0.53	0.47	0.36	0.28	0.27	0.33	0.43	0.31	0.40	0.42	0.45	0.57	0.61	0.58	0.65	0.66	0.67	0.63	0.63	0.63	0.72	0.69	0.53	0.53
	-0.19	-0.07	0.00	0.00	0.00	0.00	-0.14	-0.36	-0.26	-0.27	-0.28	-0.38	-0.32	-0.05	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	-0.02
OCC_CHEM____DRP 24175	24.06	22.22	20.72	19.25	18.88	20.60	22.12	23.16	25.94	27.03	27.33	28.83	29.52	31.11	31.27	30.61	35.30	37.45	35.62	33.50	30.51	29.26	27.11	25.00
	0.05	-0.09	-0.19	-0.43	-0.35	-0.29	-0.45	-0.81	-1.00	-1.13	-1.02	-0.98	-0.88	-1.03	-1.00	-1.01	-1.66	-1.93	-1.56	-1.25	-0.59	-0.57	-0.58	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	24.18	22.35	20.87	19.47	19.11	20.72	22.30	23.40	26.24	27.37	27.65	29.28	29.97	31.49	31.69	31.02	35.75	38.00	36.14	33.85	30.89	29.68	27.47	25.25
	0.17	0.04	-0.04	-0.22	-0.11	-0.17	-0.27	-0.57	-0.70	-0.79	-0.71	-0.54	-0.43	-0.64	-0.58	-0.60	-1.22	-1.38	-1.04	-0.90	-0.22	-0.15	-0.22	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	24.06	22.22	20.72	19.41	19.03	20.60	22.16	23.26	26.07	27.20	27.50	29.01	29.70	31.33	31.50	30.84	35.56	37.73	35.88	33.74	30.73	29.44	27.28	25.12
	0.05	-0.09	-0.19	-0.28	-0.19	-0.29	-0.41	-0.72	-0.86	-0.96	-0.85	-0.80	-0.70	-0.80	-0.77	-0.79	-1.40	-1.65	-1.30	-1.01	-0.37	-0.39	-0.42	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	23.94	22.11	20.75	19.35	18.99	20.60	22.10	23.14	25.88	27.03	27.31	28.92	29.61	31.11	31.27	30.61	35.23	37.45	35.62	33.39	30.51	29.32	27.17	25.00
	-0.07	-0.20	-0.17	-0.33	-0.23	-0.29	-0.47	-0.84	-1.05	-1.13	-1.05	-0.89	-0.79	-1.03	-1.00	-1.01	-1.74	-1.93	-1.56	-1.36	-0.59	-0.51	-0.53	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	24.63	22.82	21.29	20.02	19.53	21.25	23.05	24.50	27.66	28.93	29.14	30.81	31.35	32.87	32.95	32.29	37.71	40.17	38.04	35.58	31.88	30.69	28.30	25.82
	0.50	0.47	0.38	0.33	0.31	0.35	0.45	0.50	0.57	0.62	0.62	0.77	0.76	0.71	0.68	0.67	0.74	0.79	0.82	0.83	0.78	0.87	0.61	0.53
	-0.11	-0.04	0.00	0.00	0.00	0.00	-0.06	-0.12	-0.15	-0.16	-0.17	-0.22	-0.19	-0.03	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	-0.01
ONEIDA____115KV_TB4 55905	24.84	22.97	21.39	20.12	19.63	21.37	23.26	24.72	27.91	29.23	29.44	31.14	31.67	33.17	33.27	32.61	38.04	40.44	38.28	35.79	32.10	30.75	28.44	25.93
	0.67	0.60	0.48	0.43	0.40	0.48	0.63	0.67	0.75	0.84	0.85	1.01	1.00	1.00	1.00	0.98	1.07	1.06	1.04	1.04	1.00	0.92	0.75	0.63
	-0.16	-0.06	0.00	0.00	0.00	0.00	-0.08	-0.17	-0.22	-0.22	-0.24	-0.31	-0.26	-0.04	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	-0.02

ONONDAGA_REF_OCCRA 23987	24.40 0.05 -0.34	22.46 0.02 -0.13	20.87 -0.04 0.00	19.61 -0.08 0.00	19.15 -0.08 0.00	20.85 -0.04 0.00	22.72 0.00 -0.18	24.19 -0.05 -0.36	27.30 -0.11 -0.47	28.55 -0.08 -0.48	28.86 0.00 -0.51	30.55 0.06 -0.68	31.06 0.09 -0.57	32.25 0.03 -0.08	32.33 0.06 0.00	31.72 0.09 0.00	36.97 0.00 0.00	39.30 -0.08 0.00	37.27 -0.04 -0.12	34.75 0.00 0.00	31.20 0.09 0.00	29.91 0.09 0.00	27.66 -0.03 0.00	25.27 -0.05 -0.04
ONONDAGA___COGEN 23986	24.58 0.05 -0.53	22.55 0.04 -0.20	20.89 -0.02 0.00	19.63 -0.06 0.00	19.17 -0.06 0.00	20.87 -0.02 0.00	22.80 0.00 -0.26	24.37 -0.02 -0.52	27.60 -0.05 -0.72	28.87 -0.03 -0.74	29.17 0.03 -0.78	31.01 0.15 -1.04	31.43 0.15 -0.88	32.36 0.10 -0.12	32.40 0.13 0.00	31.75 0.13 0.00	37.00 0.04 0.00	39.34 -0.04 0.00	37.37 0.00 -0.19	34.78 0.03 0.00	31.26 0.16 0.00	29.97 0.15 0.00	27.72 0.03 0.00	25.37 0.03 -0.07
ONTARIO___LFGE 23819	24.82 0.65 -0.17	22.93 0.56 -0.06	21.35 0.44 0.00	19.98 0.30 0.00	19.57 0.35 0.00	21.31 0.42 0.00	23.14 0.50 -0.10	24.52 0.41 -0.24	27.60 0.43 -0.23	28.87 0.48 -0.24	29.20 0.60 -0.25	31.04 0.89 -0.33	31.56 0.88 -0.28	32.82 0.64 -0.04	32.98 0.71 0.00	32.29 0.67 0.00	37.49 0.52 0.00	39.89 0.51 0.00	37.87 0.63 -0.06	35.41 0.66 0.00	32.01 0.90 0.00	30.99 1.16 0.00	28.41 0.72 0.00	25.95 0.66 -0.02
ORANGEVILLE_WT_PWR 323706	24.71 0.70 0.00	22.80 0.49 0.00	21.29 0.38 0.00	19.88 0.20 0.00	19.51 0.29 0.00	21.21 0.31 0.00	22.82 0.25 -0.03	23.92 -0.07 -0.12	26.99 0.05 0.00	28.24 0.08 0.00	28.53 0.17 0.00	30.20 0.39 0.00	30.91 0.52 0.00	32.52 0.39 0.00	32.72 0.45 0.00	32.04 0.41 0.00	36.97 0.00 0.00	39.30 -0.08 0.00	37.33 0.15 0.00	34.99 0.24 0.00	31.88 0.78 0.00	30.69 0.87 0.00	28.27 0.58 0.00	25.96 0.68 0.00
ORANGEVILLE___ESR 323794	24.71 0.70 0.00	22.80 0.49 0.00	21.29 0.38 0.00	19.88 0.20 0.00	19.51 0.29 0.00	21.21 0.31 0.00	22.82 0.25 -0.03	23.92 -0.07 -0.12	26.99 0.05 0.00	28.24 0.08 0.00	28.53 0.17 0.00	30.20 0.39 0.00	30.91 0.52 0.00	32.52 0.39 0.00	32.72 0.45 0.00	32.04 0.41 0.00	36.97 0.00 0.00	39.30 -0.08 0.00	37.33 0.15 0.00	34.99 0.24 0.00	31.88 0.78 0.00	30.69 0.87 0.00	28.27 0.58 0.00	25.96 0.68 0.00
OSWEGATCHIE___HYD 24044	24.18 0.00 -0.18	22.37 0.00 -0.07	20.85 -0.06 0.00	19.71 0.02 0.00	19.15 -0.08 0.00	20.64 -0.25 0.00	22.31 -0.32 -0.08	23.68 -0.36 -0.16	26.77 -0.40 -0.23	28.03 -0.37 -0.24	28.27 -0.34 -0.25	29.82 -0.33 -0.34	30.38 -0.30 -0.28	31.82 -0.35 -0.04	31.85 -0.42 0.00	31.25 -0.38 0.00	36.49 -0.48 0.00	38.95 -0.43 0.00	36.94 -0.30 -0.06	34.54 -0.21 0.00	30.95 -0.15 0.00	29.74 -0.09 0.00	27.50 -0.19 0.00	25.30 0.00 -0.02
OSWEGO___5 23606	25.77 -0.41 -2.17	22.73 -0.40 -0.83	20.52 -0.40 0.00	19.27 -0.41 0.00	18.84 -0.38 0.00	20.49 -0.40 0.00	23.10 -0.43 -0.98	25.26 -0.48 -1.86	29.27 -0.57 -2.90	30.54 -0.59 -2.97	30.94 -0.57 -3.15	33.46 -0.54 -4.18	33.38 -0.55 -3.52	32.03 -0.61 -0.50	31.69 -0.58 0.00	31.06 -0.57 0.00	36.23 -0.74 0.00	38.55 -0.83 0.00	37.16 -0.78 -0.76	34.05 -0.69 0.00	30.58 -0.53 0.00	29.35 -0.48 0.00	27.19 -0.50 0.00	25.06 -0.48 -0.27
OSWEGO___6 23613	25.77 -0.41 -2.17	22.73 -0.40 -0.83	20.52 -0.40 0.00	19.27 -0.41 0.00	18.84 -0.38 0.00	20.49 -0.40 0.00	23.10 -0.43 -0.98	25.26 -0.48 -1.86	29.27 -0.57 -2.90	30.54 -0.59 -2.97	30.94 -0.57 -3.15	33.46 -0.54 -4.18	33.38 -0.55 -3.52	32.03 -0.61 -0.50	31.69 -0.58 0.00	31.06 -0.57 0.00	36.23 -0.74 0.00	38.55 -0.83 0.00	37.16 -0.78 -0.76	34.05 -0.69 0.00	30.58 -0.53 0.00	29.35 -0.48 0.00	27.19 -0.50 0.00	25.06 -0.48 -0.27
OUTOKUMPU-AB___DRP 24206	24.71 0.70 0.00	22.78 0.47 0.00	21.25 0.33 0.00	19.82 0.14 0.00	19.44 0.21 0.00	21.14 0.25 0.00	22.71 0.14 -0.03	23.81 -0.17 -0.10	26.80 -0.13 0.00	27.99 -0.17 0.00	28.30 -0.06 0.00	29.87 0.06 0.00	30.61 0.21 0.00	32.17 0.03 0.00	32.30 0.03 0.00	31.63 0.00 0.00	36.49 -0.48 0.00	38.75 -0.63 0.00	36.81 -0.37 0.00	34.58 -0.17 0.00	31.48 0.37 0.00	30.27 0.45 0.00	27.97 0.28 0.00	25.78 0.51 0.00
OXBOW____ 24026	24.37 0.36 0.00	22.49 0.18 0.00	21.08 0.17 0.00	19.65 -0.04 0.00	19.28 0.06 0.00	20.91 0.02 0.00	22.44 -0.13 -0.03	23.52 -0.45 -0.10	26.40 -0.54 0.00	27.60 -0.56 0.00	27.87 -0.48 0.00	29.55 -0.27 0.00	30.28 -0.12 0.00	31.72 -0.42 0.00	31.88 -0.39 0.00	31.21 -0.41 0.00	35.93 -1.03 0.00	38.20 -1.18 0.00	36.33 -0.85 0.00	34.05 -0.69 0.00	31.10 0.00 0.00	29.98 0.15 0.00	27.69 0.00 0.00	25.45 0.18 0.00
OXY_CHEM_DSASP 323612	24.06 0.05 0.00	22.22 -0.09 0.00	20.72 -0.19 0.00	19.25 -0.43 0.00	18.88 -0.35 0.00	20.60 -0.29 0.00	22.12 -0.45 -0.03	23.16 -0.81 -0.10	25.94 -1.00 0.00	27.03 -1.13 0.00	27.33 -1.02 0.00	28.83 -0.98 0.00	29.52 -0.88 0.00	31.11 -1.03 0.00	31.27 -1.00 0.00	30.61 -1.01 0.00	35.30 -1.66 0.00	37.45 -1.93 0.00	35.62 -1.56 0.00	33.50 -1.25 0.00	30.51 -0.59 0.00	29.26 -0.57 0.00	27.11 -0.58 0.00	25.00 -0.28 0.00
OZONE_PARK_ESR 323760	26.03 2.02 0.00	24.11 1.81 0.00	22.54 1.63 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.44 1.55 0.00	24.62 1.89 -0.18	26.81 2.24 -0.69	29.41 2.48 0.00	30.75 2.59 0.00	30.74 2.38 0.00	32.38 2.56 0.00	32.98 2.58 0.00	34.71 2.57 0.00	34.92 2.65 0.00	34.19 2.56 0.00	40.41 3.44 0.00	43.04 3.66 0.00	40.38 3.20 0.00	37.56 2.81 0.00	33.25 2.15 0.00	32.09 2.27 0.00	29.96 2.27 0.00	27.30 2.02 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.06 0.05 0.00	22.22 -0.09 0.00	20.72 -0.19 0.00	19.25 -0.43 0.00	18.88 -0.35 0.00	20.60 -0.29 0.00	22.12 -0.45 -0.03	23.16 -0.81 -0.10	25.94 -1.00 0.00	27.03 -1.13 0.00	27.33 -1.02 0.00	28.83 -0.98 0.00	29.52 -0.88 0.00	31.11 -1.03 0.00	31.27 -1.00 0.00	30.61 -1.01 0.00	35.30 -1.66 0.00	37.45 -1.93 0.00	35.62 -1.56 0.00	33.50 -1.25 0.00	30.51 -0.59 0.00	29.26 -0.57 0.00	27.11 -0.58 0.00	25.00 -0.28 0.00
PACKARD___115KV_DUPONT_184 80571	24.06 0.05 0.00	22.22 -0.09 0.00	20.72 -0.19 0.00	19.25 -0.43 0.00	18.88 -0.35 0.00	20.60 -0.29 0.00	22.12 -0.45 -0.03	23.16 -0.81 -0.10	25.94 -1.00 0.00	27.03 -1.13 0.00	27.33 -1.02 0.00	28.83 -0.98 0.00	29.52 -0.88 0.00	31.11 -1.03 0.00	31.27 -1.00 0.00	30.61 -1.01 0.00	35.30 -1.66 0.00	37.45 -1.93 0.00	35.62 -1.56 0.00	33.50 -1.25 0.00	30.51 -0.59 0.00	29.26 -0.57 0.00	27.11 -0.58 0.00	25.00 -0.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.95 1.94 0.00	24.07 1.76 0.00	22.52 1.61 0.00	21.16 1.48 0.00	20.63 1.40 0.00	22.44 1.55 0.00	24.55 1.83 -0.18	26.66 2.10 -0.69	29.14 2.21 0.00	30.48 2.34 0.02	30.42 2.07 0.00	32.05 2.24 0.00	32.62 2.22 0.00	34.26 2.12 0.00	34.46 2.19 0.00	33.75 2.12 0.00	39.89 2.92 0.00	42.41 3.03 0.00	40.08 2.90 0.00	36.94 2.19 0.00	32.69 1.59 0.00	31.73 1.91 0.00	29.82 2.13 0.00	27.22 1.95 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.17 2.16 0.00	24.25 1.94 0.00	22.69 1.78 0.00	21.32 1.63 0.00	20.76 1.54 0.00	22.58 1.69 0.00	24.66 1.94 -0.18	26.78 2.22 -0.69	29.28 2.34 0.00	30.59 2.45 0.02	30.57 2.21 0.00	32.29 2.47 0.00	32.86 2.46 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.04 3.07 0.00	42.61 3.23 0.00	40.27 3.09 0.00	37.11 2.36 0.00	32.85 1.74 0.00	31.91 2.09 0.00	29.99 2.30 0.00	27.35 2.07 0.00
PATROON__115KV_TB1 80586	24.56 0.79 0.24	23.07 0.76 0.00	21.60 0.69 0.00	20.32 0.63 0.00	19.80 0.58 0.00	21.56 0.67 0.00	23.47 0.86 -0.07	21.03 0.86 3.70	27.93 1.02 0.03	29.17 1.01 0.00	29.29 0.94 0.00	30.77 0.95 0.00	31.28 0.88 0.00	33.13 1.00 0.00	33.24 0.97 0.00	32.54 0.92 0.00	38.08 1.11 0.00	40.64 1.26 0.00	38.37 1.19 0.00	35.83 1.08 0.00	31.98 0.87 0.00	30.66 0.84 0.00	28.52 0.83 0.00	26.01 0.73 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.87 0.86 0.00	22.93 0.62 0.00	21.37 0.46 0.00	19.96 0.28 0.00	19.59 0.37 0.00	21.25 0.36 0.00	22.91 0.34 -0.03	23.65 -0.33 -0.11	27.10 0.16 0.00	28.30 0.14 0.00	28.64 0.28 0.00	30.26 0.45 0.00	31.01 0.61 0.00	32.75 0.61 0.00	32.95 0.68 0.00	32.29 0.66 0.00	37.26 0.30 0.00	39.54 0.16 0.00	37.52 0.33 0.00	35.20 0.45 0.00	32.04 0.93 0.00	30.69 0.86 0.00	28.25 0.55 0.00	26.08 0.81 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.74 1.73 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.35 1.62 -0.18	26.41 1.84 -0.70	28.98 2.05 0.00	30.50 2.34 0.00	30.57 2.21 0.00	32.17 2.36 0.00	32.80 2.40 0.00	34.64 2.51 0.00	34.79 2.52 0.00	34.06 2.44 0.00	40.11 3.14 0.00	42.73 3.35 0.00	40.16 2.97 0.00	37.42 2.68 0.00	33.34 2.24 0.00	31.82 2.00 0.00	29.66 1.97 0.00	26.99 1.72 0.00
PEEKSKILL____ 23653	25.59 1.58 0.00	23.76 1.45 0.00	22.34 1.42 0.00	20.89 1.20 0.00	20.36 1.13 0.00	22.23 1.34 0.00	24.26 1.53 -0.18	26.30 1.74 -0.68	28.90 1.97 0.00	30.21 2.05 0.00	30.28 1.93 0.00	31.81 2.00 0.00	32.44 2.04 0.00	34.22 2.09 0.00	34.43 2.16 0.00	33.71 2.09 0.00	39.74 2.77 0.00	42.33 2.95 0.00	39.75 2.56 0.00	37.04 2.29 0.00	32.91 1.80 0.00	31.58 1.76 0.00	29.44 1.75 0.00	26.84 1.57 0.00
PGE MADISON__WINDPWR 24146	26.02 1.80 -0.21	24.02 1.63 -0.08	22.31 1.40 0.00	20.95 1.26 0.00	20.46 1.23 0.00	22.31 1.42 0.00	24.47 1.78 -0.14	26.13 1.89 -0.37	29.17 1.94 -0.29	30.60 2.14 -0.30	30.88 2.21 -0.32	32.77 2.53 -0.42	33.37 2.61 -0.35	34.79 2.60 -0.05	34.88 2.61 0.00	34.31 2.69 0.00	39.85 2.89 0.00	42.37 2.99 0.00	40.38 3.12 -0.07	37.88 3.13 0.00	34.09 2.99 0.00	32.90 3.07 0.00	30.13 2.44 0.00	27.48 2.17 -0.03
PIERCEFIELD__HYD 23852	23.62 -0.48 -0.09	21.92 -0.42 -0.03	20.56 -0.36 0.00	19.41 -0.28 0.00	19.03 -0.19 0.00	20.22 -0.67 0.00	21.64 -0.95 -0.04	22.93 -1.03 -0.07	25.98 -1.08 -0.12	27.21 -1.07 -0.12	27.49 -0.99 -0.13	28.94 -1.04 -0.17	29.57 -0.97 -0.15	31.13 -1.03 -0.02	31.14 -1.13 0.00	30.55 -1.08 0.00	35.67 -1.29 0.00	38.12 -1.26 0.00	36.10 -1.12 -0.03	33.74 -1.01 0.00	30.17 -0.93 0.00	28.90 -0.92 0.00	26.86 -0.83 0.00	24.86 -0.43 -0.01
PINELAWN_CC_1 323563	28.78 2.62 -2.15	24.70 2.39 0.00	23.13 2.22 0.00	21.56 1.87 0.00	21.07 1.85 0.00	23.70 2.19 -0.62	26.08 2.48 -1.06	27.68 2.77 -1.03	29.87 2.94 0.00	30.75 2.59 0.00	30.74 2.38 0.00	32.14 2.33 0.00	33.10 2.70 0.00	35.25 3.12 0.00	35.50 3.23 0.00	34.82 3.19 0.00	41.76 4.03 -0.77	43.90 4.25 -0.27	41.93 3.90 -0.84	38.33 3.58 0.00	34.00 2.89 0.00	32.36 2.53 0.00	30.27 2.58 0.00	28.02 2.65 -0.10
PJM_GEN_HTP_PROXY 323702	25.76 1.75 0.00	23.89 1.58 0.00	22.44 1.53 0.00	20.99 1.30 0.00	20.47 1.25 0.00	22.35 1.46 0.00	24.39 1.67 -0.18	26.52 1.96 -0.69	29.14 2.21 0.00	30.44 2.28 0.00	30.45 2.10 0.00	32.02 2.21 0.00	32.59 2.19 0.00	34.35 2.22 0.00	34.56 2.29 0.00	33.84 2.21 0.00	39.96 2.99 0.00	42.53 3.15 0.00	39.93 2.75 0.00	37.18 2.43 0.00	32.94 1.83 0.00	31.74 1.91 0.00	29.60 1.91 0.00	27.02 1.74 0.00
PJM_GEN_KEystone 24065	24.94 0.94 0.00	23.11 0.80 0.00	21.69 0.77 0.00	20.24 0.55 0.00	19.80 0.58 0.00	21.56 0.67 0.00	23.42 0.77 -0.11	24.96 0.67 -0.41	27.77 0.84 0.00	29.00 0.84 0.00	29.15 0.79 0.00	30.74 0.93 0.00	31.43 1.03 0.00	33.10 0.96 0.00	33.33 1.06 0.00	32.67 1.04 0.00	38.19 1.22 0.00	40.64 1.26 0.00	38.30 1.11 0.00	35.72 0.97 0.00	32.10 1.00 0.00	30.84 1.01 0.00	28.58 0.89 0.00	26.16 0.88 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.27 2.11 -2.15	24.25 1.94 0.00	22.73 1.82 0.00	21.20 1.52 0.00	20.70 1.48 0.00	23.29 1.77 -0.62	25.60 2.01 -1.05	27.18 2.27 -1.03	29.33 2.40 0.00	30.27 2.11 0.00	30.28 1.93 0.00	31.69 1.88 0.00	32.59 2.19 0.00	34.65 2.51 0.00	34.85 2.58 0.00	34.16 2.53 0.00	40.30 3.33 -0.01	43.11 3.47 -0.27	40.74 3.12 -0.44	37.56 2.81 0.00	33.31 2.21 0.00	31.76 1.94 0.00	29.74 2.05 0.00	27.44 2.07 -0.10
PJM_GEN_VFT_PROXY 323633	25.66 1.66 0.00	23.78 1.47 0.00	22.38 1.46 0.00	20.91 1.22 0.00	20.40 1.17 0.00	22.27 1.38 0.00	24.30 1.58 -0.18	26.45 1.89 -0.69	29.04 2.10 0.00	30.33 2.17 0.00	30.31 1.95 0.00	31.87 2.06 0.00	32.47 2.07 0.00	34.20 2.06 0.00	34.40 2.13 0.00	33.68 2.05 0.00	39.78 2.81 0.00	42.33 2.95 0.00	39.75 2.56 0.00	37.01 2.26 0.00	32.75 1.65 0.00	31.58 1.76 0.00	29.52 1.83 0.00	26.92 1.64 0.00
PLATSBRG_115KV_PMLD1 355749	23.50 -0.50 0.00	21.88 -0.42 0.00	20.58 -0.33 0.00	19.37 -0.31 0.00	18.94 -0.29 0.00	20.56 -0.33 0.00	22.18 -0.36 0.00	23.57 -0.31 0.00	26.88 -0.05 0.00	28.24 0.08 0.00	28.64 0.28 0.00	30.11 0.30 0.00	30.95 0.55 0.00	32.84 0.71 0.00	32.88 0.61 0.00	32.29 0.66 0.00	37.67 0.70 0.00	40.36 0.98 0.00	38.30 1.12 0.00	35.79 1.04 0.00	31.94 0.84 0.00	30.57 0.75 0.00	28.25 0.55 0.00	25.86 0.58 0.00
PLEASANTVLY__LBMP 24000	25.45 1.44 0.00	23.65 1.34 0.00	22.13 1.21 0.00	20.79 1.10 0.00	20.26 1.04 0.00	22.06 1.17 0.00	24.16 1.42 -0.19	26.15 1.55 -0.72	28.66 1.72 0.00	29.96 1.80 0.00	30.00 1.64 0.00	31.54 1.73 0.00	32.13 1.73 0.00	33.94 1.80 0.00	34.11 1.84 0.00	33.40 1.77 0.00	39.26 2.29 0.00	41.86 2.48 0.00	39.38 2.19 0.00	36.69 1.95 0.00	32.66 1.56 0.00	31.35 1.52 0.00	29.22 1.52 0.00	26.64 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.69 1.68 0.00	23.85 1.54 0.00	22.29 1.38 0.00	20.95 1.26 0.00	20.40 1.17 0.00	22.21 1.32 0.00	24.35 1.62 -0.18	26.41 1.84 -0.69	28.98 2.05 0.00	30.33 2.17 0.00	30.37 2.01 0.00	31.96 2.15 0.00	32.56 2.16 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.81 2.18 0.00	39.81 2.85 0.00	42.45 3.07 0.00	39.86 2.68 0.00	37.15 2.40 0.00	32.97 1.87 0.00	31.67 1.85 0.00	29.55 1.86 0.00	26.94 1.67 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.69 1.68 0.00	23.85 1.54 0.00	22.29 1.38 0.00	20.95 1.26 0.00	20.40 1.17 0.00	22.21 1.32 0.00	24.35 1.62 -0.18	26.41 1.84 -0.69	28.98 2.05 0.00	30.33 2.17 0.00	30.37 2.01 0.00	31.96 2.15 0.00	32.56 2.16 0.00	34.35 2.22 0.00	34.53 2.26 0.00	33.81 2.18 0.00	39.81 2.85 0.00	42.45 3.07 0.00	39.86 2.68 0.00	37.15 2.40 0.00	32.97 1.87 0.00	31.67 1.85 0.00	29.55 1.86 0.00	26.94 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.59 1.58 0.00	23.76 1.45 0.00	22.25 1.34 0.00	20.89 1.20 0.00	20.32 1.10 0.00	22.12 1.23 0.00	24.22 1.49 -0.19	26.16 1.58 -0.71	28.66 1.72 0.00	29.99 1.83 0.00	30.06 1.70 0.00	31.63 1.82 0.00	32.19 1.79 0.00	34.00 1.86 0.00	34.14 1.87 0.00	33.46 1.83 0.00	39.37 2.40 0.00	41.98 2.60 0.00	39.49 2.31 0.00	36.83 2.08 0.00	32.75 1.65 0.00	31.47 1.64 0.00	29.33 1.63 0.00	26.77 1.49 0.00
POLETTI____ 23519	25.76 1.75 0.00	23.87 1.56 0.00	22.34 1.42 0.00	20.99 1.30 0.00	20.42 1.19 0.00	22.23 1.34 0.00	24.39 1.67 -0.18	26.52 1.96 -0.69	29.09 2.15 0.00	30.41 2.25 0.00	30.40 2.04 0.00	31.99 2.18 0.00	32.59 2.19 0.00	34.32 2.19 0.00	34.50 2.23 0.00	33.81 2.18 0.00	39.89 2.92 0.00	42.49 3.11 0.00	39.90 2.71 0.00	37.08 2.33 0.00	32.88 1.77 0.00	31.70 1.88 0.00	29.63 1.94 0.00	27.02 1.74 0.00
POMONA____ESR 323819	25.57 1.56 0.00	23.74 1.43 0.00	22.31 1.40 0.00	20.85 1.16 0.00	20.34 1.11 0.00	22.19 1.30 0.00	24.23 1.51 -0.17	26.23 1.70 -0.65	28.85 1.91 0.00	30.13 1.97 0.00	30.20 1.84 0.00	31.78 1.97 0.00	32.37 1.97 0.00	34.16 2.03 0.00	34.37 2.10 0.00	33.65 2.03 0.00	39.70 2.74 0.00	42.25 2.87 0.00	39.67 2.49 0.00	36.97 2.23 0.00	32.88 1.77 0.00	31.55 1.73 0.00	29.38 1.69 0.00	26.82 1.54 0.00
PORT_JEFF_3 23555	29.07 2.90 -2.16	24.99 2.68 -0.01	23.40 2.49 0.00	21.81 2.13 0.00	21.32 2.10 0.00	23.98 2.46 -0.63	26.43 2.77 -1.11	28.02 3.06 -1.09	30.11 3.18 0.00	30.89 2.73 0.00	30.79 2.44 0.00	32.20 2.39 0.00	33.26 2.86 0.00	35.46 3.31 -0.01	35.70 3.42 -0.01	34.99 3.35 -0.01	45.05 4.21 -3.87	44.08 4.37 -0.33	48.13 4.05 -6.89	38.60 3.79 -0.06	34.24 3.08 -0.06	32.51 2.69 0.00	30.32 2.63 0.00	28.18 2.81 -0.10
PORT_JEFF_4 23616	29.07 2.90 -2.16	24.99 2.68 -0.01	23.40 2.49 0.00	21.81 2.13 0.00	21.32 2.10 0.00	23.98 2.46 -0.63	26.43 2.77 -1.11	28.02 3.06 -1.09	30.11 3.18 0.00	30.89 2.73 0.00	30.79 2.44 0.00	32.20 2.39 0.00	33.26 2.86 0.00	35.46 3.31 -0.01	35.70 3.42 -0.01	34.99 3.35 -0.01	45.05 4.21 -3.87	44.08 4.37 -0.33	48.13 4.05 -6.89	38.60 3.79 -0.06	34.24 3.08 -0.06	32.51 2.69 0.00	30.32 2.63 0.00	28.18 2.81 -0.10
PORT_JEFF_IC 23713	29.15 2.98 -2.16	25.04 2.72 -0.01	23.44 2.53 0.00	21.85 2.17 0.00	21.36 2.13 0.00	24.03 2.51 -0.63	26.49 2.82 -1.12	28.10 3.13 -1.10	30.17 3.23 0.00	30.95 2.79 0.00	30.85 2.50 0.00	32.26 2.45 0.00	33.32 2.92 0.00	35.55 3.40 -0.01	35.80 3.52 -0.01	35.09 3.45 -0.01	45.51 4.36 -4.18	44.16 4.45 -0.34	49.22 4.20 -7.84	38.71 3.89 -0.07	34.35 3.17 -0.07	32.60 2.77 0.00	30.38 2.69 0.00	28.23 2.86 -0.10
PPL PILGRIM_ST_GT1 24216	29.04 2.88 -2.15	24.96 2.65 0.00	23.36 2.45 0.00	21.79 2.11 0.00	21.30 2.08 0.00	23.96 2.44 -0.62	26.34 2.73 -1.07	27.93 3.01 -1.04	30.17 3.23 0.00	30.95 2.79 0.00	30.93 2.58 0.00	32.38 2.56 0.00	33.38 2.98 0.00	35.54 3.40 0.00	35.79 3.52 0.00	35.08 3.45 0.00	45.94 4.25 -4.72	44.14 4.49 -0.28	43.06 4.13 -1.75	38.69 3.93 -0.01	34.32 3.20 -0.01	32.63 2.80 0.00	30.46 2.77 0.00	28.25 2.88 -0.10
PPL PILGRIM_ST_GT2 24217	29.04 2.88 -2.15	24.96 2.65 0.00	23.36 2.45 0.00	21.79 2.11 0.00	21.30 2.08 0.00	23.96 2.44 -0.62	26.34 2.73 -1.07	27.93 3.01 -1.04	30.17 3.23 0.00	30.95 2.79 0.00	30.93 2.58 0.00	32.38 2.56 0.00	33.38 2.98 0.00	35.54 3.40 0.00	35.79 3.52 0.00	35.08 3.45 0.00	45.94 4.25 -4.72	44.14 4.49 -0.28	43.06 4.13 -1.75	38.69 3.93 -0.01	34.32 3.20 -0.01	32.63 2.80 0.00	30.46 2.77 0.00	28.25 2.88 -0.10
PPL_SHRM_GT3 24213	29.24 3.07 -2.16	25.15 2.83 -0.01	23.51 2.59 0.00	21.93 2.24 0.00	21.47 2.25 0.00	24.11 2.59 -0.63	26.59 2.93 -1.12	28.17 3.20 -1.09	30.17 3.23 0.00	30.75 2.59 0.00	30.54 2.18 0.00	32.02 2.21 0.00	33.07 2.68 0.00	35.30 3.15 -0.01	35.51 3.23 -0.01	34.80 3.16 -0.01	44.93 4.03 -3.93	44.00 4.29 -0.33	48.10 3.90 -7.01	38.46 3.65 -0.06	34.09 2.92 -0.06	32.51 2.69 0.00	30.07 2.38 0.00	28.00 2.63 -0.10
PPL_SHRM_GT4 24214	29.24 3.07 -2.16	25.15 2.83 -0.01	23.51 2.59 0.00	21.93 2.24 0.00	21.47 2.25 0.00	24.11 2.59 -0.63	26.59 2.93 -1.12	28.17 3.20 -1.09	30.17 3.23 0.00	30.75 2.59 0.00	30.54 2.18 0.00	32.02 2.21 0.00	33.07 2.68 0.00	35.30 3.15 -0.01	35.51 3.23 -0.01	34.80 3.16 -0.01	44.93 4.03 -3.93	44.00 4.29 -0.33	48.10 3.90 -7.01	38.46 3.65 -0.06	34.09 2.92 -0.06	32.51 2.69 0.00	30.07 2.38 0.00	28.00 2.63 -0.10
PROJECT___ORANGE 1 24174	24.24 -0.05 -0.28	22.37 -0.04 -0.11	20.81 -0.10 0.00	19.55 -0.14 0.00	19.09 -0.13 0.00	20.79 -0.10 0.00	22.62 -0.07 -0.15	24.06 -0.12 -0.30	27.14 -0.19 -0.39	28.39 -0.17 -0.40	28.67 -0.11 -0.43	30.35 -0.03 -0.57	30.85 -0.03 -0.48	32.14 -0.06 -0.07	32.24 -0.03 0.00	31.60 -0.03 0.00	36.82 -0.15 0.00	39.14 -0.24 0.00	37.06 -0.22 -0.10	34.61 -0.14 0.00	31.07 -0.03 0.00	29.80 -0.03 0.00	27.55 -0.14 0.00	25.16 -0.15 -0.04
PROJECT___ORANGE 2 24166	24.24 -0.05 -0.28	22.37 -0.04 -0.11	20.81 -0.10 0.00	19.55 -0.14 0.00	19.09 -0.13 0.00	20.79 -0.10 0.00	22.62 -0.07 -0.15	24.06 -0.12 -0.30	27.14 -0.19 -0.39	28.39 -0.17 -0.40	28.67 -0.11 -0.43	30.35 -0.03 -0.57	30.85 -0.03 -0.48	32.14 -0.06 -0.07	32.24 -0.03 0.00	31.60 -0.03 0.00	36.82 -0.15 0.00	39.14 -0.24 0.00	37.06 -0.22 -0.10	34.61 -0.14 0.00	31.07 -0.03 0.00	29.80 -0.03 0.00	27.55 -0.14 0.00	25.16 -0.15 -0.04
PUCKETT___SOLAR 323809	25.09 0.89 -0.19	23.18 0.80 -0.07	21.60 0.69 0.00	20.24 0.55 0.00	19.78 0.56 0.00	21.56 0.67 0.00	23.47 0.79 -0.14	24.96 0.72 -0.37	27.95 0.75 -0.26	29.21 0.79 -0.27	29.43 0.79 -0.28	31.08 0.89 -0.38	31.63 0.91 -0.32	33.05 0.87 -0.04	33.21 0.94 0.00	32.61 0.98 0.00	38.04 1.07 0.00	40.52 1.14 0.00	38.47 1.23 0.00	36.00 1.25 0.00	32.41 1.31 0.00	31.14 1.31 0.00	28.72 1.03 0.00	26.24 0.94 -0.02
PYRITES___HYD 24023	23.95 -0.14 -0.08	22.23 -0.11 -0.03	20.85 -0.06 0.00	19.69 0.00 0.00	19.32 0.10 0.00	20.62 -0.27 0.00	22.06 -0.52 -0.04	23.37 -0.57 -0.07	26.45 -0.59 -0.11	27.74 -0.54 -0.11	27.99 -0.48 -0.12	29.59 -0.39 -0.16	30.20 -0.33 -0.13	31.67 -0.48 -0.02	31.69 -0.58 0.00	31.09 -0.54 0.00	36.30 -0.67 0.00	38.79 -0.59 0.00	36.76 -0.45 -0.03	34.40 -0.35 0.00	30.76 -0.34 0.00	29.47 -0.36 0.00	27.33 -0.36 0.00	25.24 -0.05 -0.01

QUAKERRD_115KV_BK1 80622	23.79 -0.22 0.00	22.06 -0.25 0.00	20.58 -0.33 0.00	19.29 -0.39 0.00	18.86 -0.37 0.00	20.52 -0.38 0.00	22.16 -0.41 -0.02	23.52 -0.43 -0.08	26.32 -0.62 0.00	27.51 -0.65 0.00	27.84 -0.51 0.00	29.34 -0.48 0.00	29.97 -0.43 0.00	31.65 -0.48 0.00	31.79 -0.48 0.00	31.15 -0.47 0.00	36.15 -0.81 0.00	38.43 -0.95 0.00	36.44 -0.74 0.00	34.12 -0.63 0.00	30.82 -0.28 0.00	29.53 -0.30 0.00	27.33 -0.36 0.00	25.00 -0.28 0.00
QUENSBRY_115KV_TB8 356137	26.39 2.18 -0.19	24.23 1.92 0.00	22.69 1.78 0.00	21.32 1.63 0.00	20.78 1.56 0.00	22.67 1.78 0.00	25.06 2.14 -0.37	30.78 2.24 -4.66	29.68 2.72 -0.02	30.89 2.73 0.00	30.91 2.55 0.00	32.20 2.39 0.00	32.62 2.22 0.00	34.68 2.54 0.00	34.72 2.45 0.00	34.00 2.37 0.00	39.74 2.77 0.00	42.37 2.99 0.00	40.34 3.16 0.00	37.74 2.99 0.00	34.00 2.89 0.00	32.48 2.65 0.00	30.13 2.44 0.00	27.47 2.20 0.00
RAMAPO___LBMP 323565	25.50 1.49 0.00	23.67 1.36 0.00	22.13 1.21 0.00	20.79 1.10 0.00	20.24 1.02 0.00	22.04 1.15 0.00	24.16 1.44 -0.17	26.15 1.62 -0.65	28.74 1.80 0.00	30.04 1.89 0.00	30.08 1.73 0.00	31.69 1.88 0.00	32.28 1.88 0.00	34.07 1.93 0.00	34.27 2.00 0.00	33.56 1.93 0.00	39.52 2.55 0.00	42.10 2.72 0.00	39.56 2.38 0.00	36.83 2.08 0.00	32.75 1.65 0.00	31.47 1.64 0.00	29.30 1.61 0.00	26.74 1.47 0.00
RANKINE____ 23646	24.85 0.84 0.00	22.91 0.60 0.00	21.37 0.46 0.00	19.96 0.28 0.00	19.57 0.35 0.00	21.25 0.36 0.00	22.87 0.29 -0.03	23.91 -0.07 -0.11	27.04 0.11 0.00	28.24 0.08 0.00	28.55 0.20 0.00	30.17 0.36 0.00	30.92 0.52 0.00	32.59 0.45 0.00	32.79 0.52 0.00	32.10 0.47 0.00	37.04 0.07 0.00	39.30 -0.08 0.00	37.33 0.15 0.00	35.06 0.31 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.22 0.53 0.00	26.01 0.73 0.00
RAVENSWOOD_GT2_1 24244	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.05 2.24 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.56 2.29 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.94 1.84 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT2_2 24245	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.05 2.24 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.56 2.29 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.94 1.84 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT2_3 24246	25.81 1.80 0.00	23.94 1.63 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.44 1.71 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.50 2.34 0.00	30.48 2.13 0.00	32.08 2.27 0.00	32.68 2.28 0.00	34.42 2.28 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.61 3.23 0.00	40.01 2.83 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.69 1.99 0.00	27.07 1.79 0.00
RAVENSWOOD_GT2_4 24247	25.81 1.80 0.00	23.94 1.63 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.44 1.71 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.50 2.34 0.00	30.48 2.13 0.00	32.08 2.27 0.00	32.68 2.28 0.00	34.42 2.28 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.61 3.23 0.00	40.01 2.83 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.69 1.99 0.00	27.07 1.79 0.00
RAVENSWOOD_GT3_1 24248	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.08 2.27 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.94 1.84 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT3_2 24249	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.08 2.27 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.94 1.84 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT3_3 24250	25.86 1.85 0.00	23.96 1.65 0.00	22.40 1.48 0.00	21.04 1.36 0.00	20.47 1.25 0.00	22.29 1.40 0.00	24.46 1.74 -0.18	26.59 2.03 -0.69	29.17 2.24 0.00	30.52 2.37 0.00	30.51 2.15 0.00	32.11 2.30 0.00	32.71 2.31 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.94 2.31 0.00	40.04 3.07 0.00	42.65 3.27 0.00	40.04 2.86 0.00	37.25 2.50 0.00	33.00 1.90 0.00	31.79 1.97 0.00	29.71 2.02 0.00	27.10 1.82 0.00
RAVENSWOOD_GT3_4 24251	25.86 1.85 0.00	23.96 1.65 0.00	22.40 1.48 0.00	21.04 1.36 0.00	20.47 1.25 0.00	22.29 1.40 0.00	24.46 1.74 -0.18	26.59 2.03 -0.69	29.17 2.24 0.00	30.52 2.37 0.00	30.51 2.15 0.00	32.11 2.30 0.00	32.71 2.31 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.94 2.31 0.00	40.04 3.07 0.00	42.65 3.27 0.00	40.04 2.86 0.00	37.25 2.50 0.00	33.00 1.90 0.00	31.79 1.97 0.00	29.71 2.02 0.00	27.10 1.82 0.00
RAVENSWOOD_GT_1 23729	25.99 1.97 -0.01	24.08 1.76 -0.01	22.64 1.72 -0.01	21.15 1.46 -0.01	20.63 1.40 -0.01	22.50 1.61 0.00	24.53 1.80 -0.18	26.72 2.15 -0.69	29.33 2.40 0.00	30.67 2.51 -0.01	30.62 2.27 0.00	32.23 2.41 0.00	32.77 2.37 0.00	34.48 2.34 0.00	34.66 2.39 0.00	33.93 2.31 0.00	40.15 3.18 0.00	42.58 3.19 -0.01	40.16 2.98 0.00	37.18 2.43 0.00	32.88 1.77 0.00	31.85 2.03 0.00	29.86 2.16 -0.01	27.23 1.95 -0.01
RAVENSWOOD_GT_10 24258	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.08 2.27 0.00	32.68 2.28 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT_11 24259	25.81 1.80 0.00	23.91 1.61 0.00	22.48 1.57 0.00	21.03 1.34 0.00	20.49 1.27 0.00	22.38 1.48 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.17 2.23 0.00	30.47 2.31 0.00	30.48 2.13 0.00	32.05 2.24 0.00	32.62 2.22 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.22 2.47 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.04 1.77 0.00



RAVENSWOOD_GT_4 24252	25.79 1.78 0.00	23.91 1.61 0.00	22.36 1.44 0.00	21.01 1.32 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.12 2.18 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.05 2.24 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT_5 24254	25.79 1.78 0.00	23.91 1.61 0.00	22.36 1.44 0.00	21.01 1.32 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.12 2.18 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.05 2.24 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT_6 24253	25.79 1.78 0.00	23.91 1.61 0.00	22.36 1.44 0.00	21.01 1.32 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.12 2.18 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.05 2.24 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT_7 24255	25.79 1.78 0.00	23.91 1.61 0.00	22.36 1.44 0.00	21.01 1.32 0.00	20.43 1.21 0.00	22.25 1.36 0.00	24.42 1.69 -0.18	26.54 1.98 -0.69	29.12 2.18 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.05 2.24 0.00	32.65 2.25 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.08 2.27 0.00	32.68 2.28 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD_GT_9 24257	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.27 1.38 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.14 2.21 0.00	30.47 2.31 0.00	30.45 2.10 0.00	32.08 2.27 0.00	32.68 2.28 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	39.96 2.99 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.18 2.43 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.05 1.77 0.00
RAVENSWOOD___1 23533	25.94 1.92 -0.01	24.06 1.74 -0.01	22.59 1.67 -0.01	21.13 1.44 -0.01	20.60 1.37 -0.01	22.46 1.57 0.00	24.51 1.78 -0.18	26.70 2.12 -0.69	29.28 2.34 0.00	30.61 2.45 -0.01	30.57 2.21 0.00	32.20 2.39 0.00	32.71 2.31 0.00	34.45 2.32 0.00	34.62 2.35 0.00	33.91 2.28 0.00	40.11 3.14 0.00	42.58 3.19 -0.01	40.12 2.94 0.00	37.18 2.43 0.00	32.85 1.74 0.00	31.82 2.00 0.00	29.80 2.10 -0.01	27.18 1.90 -0.01
RAVENSWOOD___2 23534	25.91 1.90 -0.01	24.03 1.72 -0.01	22.57 1.65 -0.01	21.11 1.42 -0.01	20.58 1.35 -0.01	22.44 1.55 0.00	24.48 1.76 -0.18	26.67 2.10 -0.69	29.28 2.34 0.00	30.59 2.42 -0.01	30.57 2.21 0.00	32.17 2.35 0.00	32.71 2.31 0.00	34.42 2.28 0.00	34.62 2.35 0.00	33.91 2.28 0.00	40.07 3.11 0.00	42.54 3.15 -0.01	40.08 2.90 0.00	37.14 2.40 0.00	32.85 1.74 0.00	31.79 1.97 0.00	29.78 2.08 -0.01	27.18 1.90 -0.01
RAVENSWOOD___3 23535	25.81 1.80 0.00	23.91 1.61 0.00	22.48 1.57 0.00	21.03 1.34 0.00	20.49 1.27 0.00	22.38 1.48 0.00	24.42 1.69 -0.18	26.57 2.01 -0.69	29.17 2.23 0.00	30.47 2.31 0.00	30.48 2.13 0.00	32.05 2.24 0.00	32.62 2.22 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.00 3.03 0.00	42.57 3.19 0.00	39.97 2.79 0.00	37.22 2.47 0.00	32.97 1.87 0.00	31.76 1.94 0.00	29.66 1.97 0.00	27.04 1.77 0.00
RAVENSWOOD___4 23820	25.91 1.90 -0.01	24.01 1.69 -0.01	22.57 1.65 -0.01	21.09 1.40 -0.01	20.58 1.35 -0.01	22.44 1.55 0.00	24.48 1.76 -0.18	26.67 2.10 -0.69	29.25 2.32 0.00	30.59 2.42 -0.01	30.54 2.18 0.00	32.17 2.35 0.00	32.68 2.28 0.00	34.42 2.28 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.07 3.11 0.00	42.54 3.15 -0.01	40.08 2.90 0.00	37.14 2.40 0.00	32.85 1.74 0.00	31.79 1.97 0.00	29.78 2.08 -0.01	27.15 1.87 -0.01
RCPI_TRUST___DRP 24196	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.45 1.23 0.00	22.29 1.40 0.00	24.44 1.71 -0.18	26.59 2.03 -0.69	29.17 2.24 0.00	30.52 2.37 0.00	30.51 2.15 0.00	32.11 2.30 0.00	32.71 2.31 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.90 2.28 0.00	40.04 3.07 0.00	42.65 3.27 0.00	40.04 2.86 0.00	37.22 2.47 0.00	33.00 1.90 0.00	31.79 1.97 0.00	29.69 1.99 0.00	27.05 1.77 0.00
RED___ROCHESTER 323720	24.73 0.72 0.00	22.91 0.60 0.00	21.39 0.48 0.00	20.00 0.31 0.00	19.57 0.35 0.00	21.27 0.38 0.00	22.92 0.36 -0.02	24.32 0.36 -0.08	27.23 0.30 0.00	28.50 0.34 0.00	28.84 0.48 0.00	30.44 0.63 0.00	31.13 0.73 0.00	32.84 0.71 0.00	33.01 0.74 0.00	32.32 0.69 0.00	37.45 0.48 0.00	39.81 0.43 0.00	37.81 0.63 0.00	35.34 0.59 0.00	32.07 0.97 0.00	30.72 0.89 0.00	28.44 0.75 0.00	25.96 0.68 0.00
REGAN___SOLAR 323812	26.48 2.47 0.00	24.52 2.21 0.00	23.02 2.11 0.00	21.56 1.87 0.00	21.05 1.83 0.00	23.00 2.11 0.00	25.34 2.52 -0.28	27.50 2.58 -1.04	29.85 2.91 0.00	30.92 2.76 0.00	31.05 2.70 0.00	33.24 3.43 0.00	33.77 3.37 0.00	35.13 2.99 0.00	35.08 2.81 0.00	34.50 2.88 0.00	40.37 3.40 0.00	43.28 3.90 0.00	41.01 3.83 0.00	38.36 3.61 0.00	34.59 3.48 0.00	33.73 3.91 0.00	30.68 2.99 0.00	27.98 2.71 0.00
RENSSELAER___COGEN 23796	24.40 0.67 0.28	22.96 0.65 0.00	21.56 0.65 0.00	20.22 0.53 0.00	19.74 0.52 0.00	21.52 0.63 0.00	23.33 0.74 -0.04	20.04 0.74 4.58	27.74 0.84 0.03	28.98 0.82 0.00	29.09 0.74 0.00	30.53 0.71 0.00	31.07 0.67 0.00	32.91 0.77 0.00	33.01 0.74 0.00	32.32 0.69 0.00	37.85 0.89 0.00	40.40 1.02 0.00	38.11 0.93 0.00	35.62 0.87 0.00	31.79 0.68 0.00	30.45 0.63 0.00	28.36 0.66 0.00	25.86 0.58 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.60 3.39 -0.20	25.21 2.90 0.00	23.65 2.74 0.00	22.21 2.52 0.00	21.63 2.40 0.00	23.65 2.76 0.00	26.26 3.34 -0.38	32.30 3.56 -4.86	31.32 4.36 -0.02	32.52 4.36 0.00	32.66 4.31 0.00	34.17 4.35 0.00	34.50 4.10 0.00	36.57 4.43 0.00	36.53 4.26 0.00	35.74 4.11 0.00	41.74 4.77 0.00	44.54 5.16 0.00	42.42 5.24 0.00	39.72 4.97 0.00	35.83 4.73 0.00	34.18 4.35 0.00	31.65 3.96 0.00	28.84 3.56 0.00

REVERE_CPDR_DRP 24186	25.02 0.86 -0.14	23.14 0.78 -0.05	21.56 0.65 0.00	20.26 0.57 0.00	19.74 0.52 0.00	21.54 0.65 0.00	23.43 0.81 -0.08	24.92 0.88 -0.16	28.13 1.00 -0.20	29.46 1.10 -0.20	29.68 1.11 -0.22	31.35 1.25 -0.29	31.89 1.25 -0.24	33.46 1.29 -0.03	33.53 1.26 0.00	32.86 1.23 0.00	38.34 1.37 0.00	40.76 1.38 0.00	38.61 1.38 -0.05	36.10 1.36 0.00	32.38 1.28 0.00	31.02 1.19 0.00	28.66 0.97 0.00	26.10 0.81 -0.02
REYNOLDS_115KV_TB3 80639	24.48 0.84 0.37	23.13 0.83 0.00	21.69 0.77 0.00	20.40 0.71 0.00	19.88 0.65 0.00	21.64 0.75 0.00	23.45 0.92 0.02	18.59 0.91 6.20	27.94 1.05 0.04	29.17 1.01 0.00	29.29 0.94 0.00	30.74 0.92 0.00	31.25 0.85 0.00	33.13 1.00 0.00	33.24 0.97 0.00	32.54 0.92 0.00	38.08 1.11 0.00	40.64 1.26 0.00	38.37 1.19 0.00	35.86 1.11 0.00	32.01 0.90 0.00	30.69 0.86 0.00	28.55 0.86 0.00	26.06 0.78 0.00
RIVERBAY____ 323610	26.17 2.16 0.00	24.25 1.94 0.00	22.69 1.78 0.00	21.32 1.63 0.00	20.76 1.54 0.00	22.58 1.69 0.00	24.66 1.94 -0.18	26.78 2.22 -0.69	29.28 2.34 0.00	30.59 2.45 0.02	30.57 2.21 0.00	32.29 2.47 0.00	32.86 2.46 0.00	34.39 2.25 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.04 3.07 0.00	42.61 3.23 0.00	40.27 3.09 0.00	37.11 2.36 0.00	32.85 1.74 0.00	31.91 2.09 0.00	29.99 2.30 0.00	27.35 2.07 0.00
RIVERSDE_115KV_TB3 55908	24.50 0.79 0.30	23.07 0.76 0.00	21.60 0.69 0.00	20.32 0.63 0.00	19.82 0.60 0.00	21.58 0.69 0.00	23.43 0.86 -0.03	19.72 0.86 5.01	27.90 1.00 0.04	29.12 0.96 0.00	29.26 0.91 0.00	30.71 0.89 0.00	31.22 0.82 0.00	33.07 0.93 0.00	33.17 0.90 0.00	32.51 0.89 0.00	38.04 1.07 0.00	40.60 1.22 0.00	38.30 1.12 0.00	35.79 1.04 0.00	31.94 0.84 0.00	30.60 0.78 0.00	28.50 0.80 0.00	25.98 0.71 0.00
ROARING__BROOK_WT_PWR 323790	23.12 -0.89 0.00	21.48 -0.82 0.00	20.18 -0.73 0.00	19.02 -0.67 0.00	18.61 -0.62 0.00	20.29 -0.61 0.00	21.94 -0.61 0.00	23.33 -0.55 0.00	26.42 -0.51 0.00	27.74 -0.42 0.00	27.99 -0.37 0.00	29.52 -0.30 0.00	30.12 -0.27 0.00	31.88 -0.26 0.00	32.08 -0.19 0.00	31.47 -0.16 0.00	36.86 -0.11 0.00	39.30 -0.08 0.00	37.14 -0.04 0.00	34.75 0.00 0.00	31.10 0.00 0.00	29.83 0.00 0.00	27.69 0.00 0.00	25.25 -0.03 0.00
ROCHESRG_115KV_T4 355643	24.39 0.38 0.00	22.60 0.29 0.00	21.08 0.17 0.00	19.75 0.06 0.00	19.30 0.08 0.00	21.00 0.10 0.00	22.68 0.11 -0.02	24.03 0.07 -0.08	26.88 -0.05 0.00	28.07 -0.08 0.00	28.41 0.06 0.00	29.93 0.12 0.00	30.58 0.18 0.00	32.30 0.16 0.00	32.46 0.19 0.00	31.78 0.16 0.00	36.89 -0.07 0.00	39.18 -0.20 0.00	37.18 0.00 0.00	34.85 0.10 0.00	31.54 0.44 0.00	30.21 0.39 0.00	27.97 0.28 0.00	25.58 0.30 0.00
ROCHESTER_9_IC 23652	24.59 0.58 0.00	22.78 0.47 0.00	21.23 0.31 0.00	19.88 0.20 0.00	19.44 0.21 0.00	21.14 0.25 0.00	22.84 0.27 -0.02	24.20 0.24 -0.08	27.10 0.16 0.00	28.30 0.14 0.00	28.67 0.31 0.00	30.17 0.36 0.00	30.85 0.46 0.00	32.62 0.48 0.00	32.75 0.48 0.00	32.10 0.47 0.00	37.23 0.26 0.00	39.54 0.16 0.00	37.52 0.33 0.00	35.13 0.38 0.00	31.82 0.72 0.00	30.48 0.66 0.00	28.19 0.50 0.00	25.81 0.53 0.00
ROCKVIEW_13_KV_LD 356306	25.81 1.80 0.00	23.94 1.63 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.47 1.25 0.00	22.31 1.42 0.00	24.46 1.74 -0.18	26.57 2.01 -0.69	29.17 2.24 0.00	30.50 2.34 0.00	30.54 2.18 0.00	32.14 2.33 0.00	32.77 2.37 0.00	34.51 2.38 0.00	34.72 2.45 0.00	34.00 2.37 0.00	40.07 3.11 0.00	42.73 3.35 0.00	40.12 2.94 0.00	37.36 2.61 0.00	33.13 2.02 0.00	31.85 2.03 0.00	29.71 2.02 0.00	27.07 1.79 0.00
ROME____115KV_TB2 80656	25.02 0.86 -0.14	23.14 0.78 -0.05	21.56 0.65 0.00	20.26 0.57 0.00	19.74 0.52 0.00	21.54 0.65 0.00	23.43 0.81 -0.08	24.92 0.88 -0.16	28.13 1.00 -0.20	29.46 1.10 -0.20	29.68 1.11 -0.22	31.35 1.25 -0.29	31.89 1.25 -0.24	33.46 1.29 -0.03	33.53 1.26 0.00	32.86 1.23 0.00	38.34 1.37 0.00	40.76 1.38 0.00	38.61 1.38 -0.05	36.10 1.36 0.00	32.38 1.28 0.00	31.02 1.19 0.00	28.66 0.97 0.00	26.10 0.81 -0.02
ROSETON__1 23587	25.40 1.39 0.00	23.60 1.29 0.00	22.19 1.28 0.00	20.75 1.06 0.00	20.24 1.02 0.00	22.08 1.19 0.00	24.10 1.38 -0.18	26.09 1.53 -0.69	28.63 1.70 0.00	29.90 1.75 0.00	30.00 1.64 0.00	31.51 1.70 0.00	32.10 1.70 0.00	33.90 1.77 0.00	34.08 1.81 0.00	33.37 1.74 0.00	39.26 2.29 0.00	41.82 2.44 0.00	39.34 2.16 0.00	36.69 1.94 0.00	32.63 1.52 0.00	31.32 1.49 0.00	29.19 1.49 0.00	26.64 1.36 0.00
ROSETON__2 23588	25.40 1.39 0.00	23.60 1.29 0.00	22.19 1.28 0.00	20.75 1.06 0.00	20.24 1.02 0.00	22.08 1.19 0.00	24.10 1.38 -0.18	26.09 1.53 -0.69	28.63 1.70 0.00	29.90 1.75 0.00	30.00 1.64 0.00	31.51 1.70 0.00	32.10 1.70 0.00	33.90 1.77 0.00	34.08 1.81 0.00	33.37 1.74 0.00	39.26 2.29 0.00	41.82 2.44 0.00	39.34 2.16 0.00	36.69 1.94 0.00	32.63 1.52 0.00	31.32 1.49 0.00	29.19 1.49 0.00	26.64 1.36 0.00
ROTTTRDAM_115KV_TB3 80664	25.18 1.15 -0.02	23.38 1.07 0.00	21.90 0.98 0.00	20.57 0.89 0.00	20.07 0.85 0.00	21.85 0.96 0.00	23.97 1.17 -0.26	26.38 1.22 -1.29	28.34 1.40 0.00	29.57 1.41 0.00	29.69 1.33 0.00	31.19 1.37 0.00	31.71 1.31 0.00	33.55 1.41 0.00	33.66 1.39 0.00	32.99 1.36 0.00	38.59 1.63 0.00	41.15 1.77 0.00	38.89 1.71 0.00	36.31 1.56 0.00	32.47 1.37 0.00	31.14 1.31 0.00	28.94 1.25 0.00	26.39 1.11 0.00
RUSSELL__1 23602	24.73 0.72 0.00	22.91 0.60 0.00	21.35 0.44 0.00	20.00 0.31 0.00	19.55 0.33 0.00	21.27 0.38 0.00	22.97 0.41 -0.02	24.36 0.41 -0.08	27.26 0.32 0.00	28.50 0.34 0.00	28.87 0.51 0.00	30.38 0.57 0.00	31.07 0.67 0.00	32.88 0.74 0.00	33.01 0.74 0.00	32.32 0.70 0.00	37.49 0.52 0.00	39.81 0.43 0.00	37.81 0.63 0.00	35.41 0.66 0.00	32.07 0.96 0.00	30.69 0.86 0.00	28.38 0.69 0.00	25.96 0.68 0.00
RUSSELL__2 23532	24.73 0.72 0.00	22.91 0.60 0.00	21.35 0.44 0.00	20.00 0.31 0.00	19.55 0.33 0.00	21.27 0.38 0.00	22.97 0.41 -0.02	24.36 0.41 -0.08	27.26 0.32 0.00	28.50 0.34 0.00	28.87 0.51 0.00	30.38 0.57 0.00	31.07 0.67 0.00	32.88 0.74 0.00	33.01 0.74 0.00	32.32 0.70 0.00	37.49 0.52 0.00	39.81 0.43 0.00	37.81 0.63 0.00	35.41 0.66 0.00	32.07 0.96 0.00	30.69 0.86 0.00	28.38 0.69 0.00	25.96 0.68 0.00
RUSSELL__3 23549	24.73 0.72 0.00	22.91 0.60 0.00	21.35 0.44 0.00	20.00 0.31 0.00	19.55 0.33 0.00	21.27 0.38 0.00	22.97 0.41 -0.02	24.36 0.41 -0.08	27.26 0.32 0.00	28.50 0.34 0.00	28.87 0.51 0.00	30.38 0.57 0.00	31.07 0.67 0.00	32.88 0.74 0.00	33.01 0.74 0.00	32.32 0.70 0.00	37.49 0.52 0.00	39.81 0.43 0.00	37.81 0.63 0.00	35.41 0.66 0.00	32.07 0.96 0.00	30.69 0.86 0.00	28.38 0.69 0.00	25.96 0.68 0.00

RUSSELL___4 23556	24.73 0.72 0.00	22.91 0.60 0.00	21.35 0.44 0.00	20.00 0.31 0.00	19.55 0.33 0.00	21.27 0.38 0.00	22.97 0.41 -0.02	24.36 0.41 -0.08	27.26 0.32 0.00	28.50 0.34 0.00	28.87 0.51 0.00	30.38 0.57 0.00	31.07 0.67 0.00	32.88 0.74 0.00	33.01 0.74 0.00	32.32 0.70 0.00	37.49 0.52 0.00	39.81 0.43 0.00	37.81 0.63 0.00	35.41 0.66 0.00	32.07 0.96 0.00	30.69 0.86 0.00	28.38 0.69 0.00	25.96 0.68 0.00
RUSSELL___STATION 23914	24.73 0.72 0.00	22.91 0.60 0.00	21.35 0.44 0.00	20.00 0.31 0.00	19.55 0.33 0.00	21.27 0.38 0.00	22.97 0.41 -0.02	24.36 0.41 -0.08	27.26 0.32 0.00	28.50 0.34 0.00	28.87 0.51 0.00	30.38 0.57 0.00	31.07 0.67 0.00	32.88 0.74 0.00	33.01 0.74 0.00	32.32 0.70 0.00	37.49 0.52 0.00	39.81 0.43 0.00	37.81 0.63 0.00	35.41 0.66 0.00	32.07 0.96 0.00	30.69 0.86 0.00	28.38 0.69 0.00	25.96 0.68 0.00
S SALMON___HYD 24043	24.66 -0.02 -0.67	22.54 -0.02 -0.26	20.83 -0.08 0.00	19.59 -0.10 0.00	19.11 -0.11 0.00	20.79 -0.10 0.00	22.79 -0.07 -0.31	24.36 -0.12 -0.60	27.61 -0.22 -0.89	28.82 -0.25 -0.91	29.09 -0.23 -0.97	30.89 -0.21 -1.28	31.27 -0.21 -1.08	32.03 -0.26 -0.15	32.01 -0.26 0.00	31.41 -0.22 0.00	36.67 -0.30 0.00	39.06 -0.32 0.00	37.08 -0.34 -0.24	34.61 -0.14 0.00	31.04 -0.06 0.00	29.80 -0.03 0.00	27.58 -0.11 0.00	25.23 -0.13 -0.08
S.PERRY___115KV_TB1 80734	25.43 1.42 0.00	23.53 1.23 0.00	21.92 1.00 0.00	20.53 0.85 0.00	20.09 0.87 0.00	21.87 0.98 0.00	23.57 0.99 -0.03	24.66 0.67 -0.11	27.50 0.57 0.00	28.69 0.54 0.00	29.01 0.65 0.00	30.56 0.75 0.00	31.16 0.76 0.00	32.84 0.71 0.00	33.17 0.90 0.00	32.48 0.85 0.00	37.67 0.70 0.00	40.21 0.83 0.00	38.48 1.30 0.00	36.45 1.70 0.00	33.16 2.05 0.00	31.82 2.00 0.00	29.30 1.61 0.00	26.82 1.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.59 0.58 0.00	22.69 0.38 0.00	21.16 0.25 0.00	19.77 0.08 0.00	19.38 0.15 0.00	21.04 0.15 0.00	22.64 0.07 -0.03	23.74 -0.24 -0.10	26.72 -0.22 0.00	27.88 -0.28 0.00	28.18 -0.17 0.00	29.76 -0.06 0.00	30.49 0.09 0.00	32.14 0.00 0.00	32.33 0.06 0.00	31.66 0.03 0.00	36.52 -0.44 0.00	38.75 -0.63 0.00	36.81 -0.37 0.00	34.61 -0.14 0.00	31.51 0.40 0.00	30.18 0.36 0.00	27.91 0.22 0.00	25.71 0.43 0.00
SAWYER___23_KV_LOAD 55526	24.59 0.58 0.00	22.69 0.38 0.00	21.16 0.25 0.00	19.77 0.08 0.00	19.38 0.15 0.00	21.04 0.15 0.00	22.64 0.07 -0.03	23.74 -0.24 -0.10	26.72 -0.22 0.00	27.88 -0.28 0.00	28.18 -0.17 0.00	29.76 -0.06 0.00	30.49 0.09 0.00	32.14 0.00 0.00	32.33 0.06 0.00	31.66 0.03 0.00	36.52 -0.44 0.00	38.75 -0.63 0.00	36.81 -0.37 0.00	34.61 -0.14 0.00	31.51 0.40 0.00	30.18 0.36 0.00	27.91 0.22 0.00	25.71 0.43 0.00
SELKIRK___I 23801	24.78 0.94 0.17	23.18 0.87 0.00	21.79 0.88 0.00	20.43 0.75 0.00	19.94 0.71 0.00	21.73 0.84 0.00	23.63 0.97 -0.12	22.52 0.98 2.33	28.05 1.13 0.02	29.26 1.10 0.00	29.40 1.05 0.00	30.83 1.01 0.00	31.34 0.94 0.00	33.20 1.06 0.00	33.30 1.03 0.00	32.64 1.01 0.00	38.19 1.22 0.00	40.72 1.34 0.00	38.45 1.26 0.00	35.96 1.22 0.00	32.13 1.02 0.00	30.78 0.95 0.00	28.66 0.97 0.00	26.16 0.88 0.00
SELKIRK___II 23799	24.61 0.79 0.19	23.07 0.76 0.00	21.66 0.75 0.00	20.32 0.63 0.00	19.82 0.60 0.00	21.62 0.73 0.00	23.48 0.83 -0.10	21.97 0.84 2.74	27.88 0.97 0.02	29.12 0.96 0.00	29.23 0.88 0.00	30.68 0.87 0.00	31.22 0.82 0.00	33.04 0.90 0.00	33.17 0.90 0.00	32.48 0.85 0.00	38.04 1.07 0.00	40.56 1.18 0.00	38.26 1.08 0.00	35.76 1.01 0.00	31.91 0.81 0.00	30.60 0.77 0.00	28.50 0.80 0.00	26.01 0.73 0.00
SENECA OSWGO___HYD 24041	24.69 -0.26 -0.94	22.42 -0.24 -0.36	20.64 -0.27 0.00	19.39 -0.29 0.00	18.95 -0.27 0.00	20.62 -0.27 0.00	22.71 -0.27 -0.43	24.40 -0.31 -0.83	27.76 -0.43 -1.25	28.99 -0.45 -1.29	29.32 -0.40 -1.36	31.27 -0.36 -1.81	31.59 -0.33 -1.52	31.90 -0.45 -0.22	31.85 -0.42 0.00	31.25 -0.38 0.00	36.41 -0.55 0.00	38.75 -0.63 0.00	36.95 -0.56 -0.33	34.30 -0.45 0.00	30.79 -0.31 0.00	29.59 -0.24 0.00	27.39 -0.30 0.00	25.09 -0.30 -0.12
SENECA___115KV_TB3 355854	24.90 0.89 0.00	22.95 0.65 0.00	21.39 0.48 0.00	19.98 0.30 0.00	19.61 0.38 0.00	21.29 0.40 0.00	22.91 0.34 -0.03	23.94 -0.05 -0.11	27.10 0.16 0.00	28.30 0.14 0.00	28.61 0.26 0.00	30.23 0.42 0.00	30.98 0.58 0.00	32.65 0.51 0.00	32.85 0.58 0.00	32.16 0.54 0.00	37.12 0.15 0.00	39.38 0.00 0.00	37.40 0.22 0.00	35.13 0.38 0.00	31.98 0.87 0.00	30.66 0.84 0.00	28.27 0.58 0.00	26.06 0.78 0.00
SENECA___ENERGY 23797	24.69 0.29 -0.39	22.70 0.25 -0.15	21.08 0.17 0.00	19.75 0.06 0.00	19.32 0.10 0.00	21.04 0.15 0.00	22.94 0.20 -0.20	24.47 0.17 -0.42	27.61 0.14 -0.54	28.85 0.14 -0.55	29.17 0.23 -0.59	31.01 0.42 -0.78	31.48 0.43 -0.66	32.49 0.26 -0.09	32.59 0.32 0.00	31.91 0.28 0.00	37.12 0.15 0.00	39.50 0.12 0.00	37.54 0.22 -0.14	35.03 0.28 0.00	31.54 0.44 0.00	30.39 0.57 0.00	27.97 0.28 0.00	25.58 0.25 -0.05
SHOEMAKER___GT 23640	25.26 1.25 0.00	23.44 1.14 0.00	22.04 1.13 0.00	20.63 0.94 0.00	20.11 0.88 0.00	21.92 1.02 0.00	23.88 1.17 -0.16	25.75 1.26 -0.61	28.34 1.40 0.00	29.62 1.46 0.00	29.72 1.36 0.00	31.22 1.40 0.00	31.80 1.40 0.00	33.65 1.51 0.00	33.79 1.52 0.00	33.11 1.49 0.00	38.96 1.99 0.00	41.47 2.09 0.00	39.04 1.86 0.00	36.42 1.67 0.00	32.44 1.34 0.00	31.11 1.28 0.00	28.99 1.30 0.00	26.46 1.19 0.00
SHOEMAKR_138KV_BK 111 55601	25.23 1.22 0.00	23.42 1.12 0.00	21.94 1.02 0.00	20.61 0.93 0.00	20.07 0.85 0.00	21.83 0.94 0.00	23.88 1.17 -0.16	25.75 1.27 -0.60	28.34 1.40 0.00	29.62 1.46 0.00	29.72 1.36 0.00	31.25 1.43 0.00	31.83 1.43 0.00	33.65 1.51 0.00	33.82 1.55 0.00	33.11 1.49 0.00	38.93 1.96 0.00	41.51 2.13 0.00	39.04 1.86 0.00	36.42 1.67 0.00	32.44 1.34 0.00	31.14 1.31 0.00	28.99 1.30 0.00	26.46 1.19 0.00
SHOREHAM_IC_1 23715	29.24 3.07 -2.16	25.15 2.83 -0.01	23.51 2.59 0.00	21.93 2.24 0.00	21.47 2.25 0.00	24.11 2.59 -0.63	26.59 2.93 -1.12	28.17 3.20 -1.09	30.17 3.23 0.00	30.75 2.59 0.00	30.54 2.18 0.00	32.02 2.21 0.00	33.07 2.68 0.00	35.30 3.15 -0.01	35.51 3.23 -0.01	34.80 3.16 -0.01	44.93 4.03 -3.93	44.00 4.29 -0.33	48.10 3.90 -7.01	38.46 3.65 -0.06	34.09 2.92 -0.06	32.51 2.69 0.00	30.07 2.38 0.00	28.00 2.63 -0.10
SHOREHAM_IC_2 23716	29.24 3.07 -2.16	25.15 2.83 -0.01	23.51 2.59 0.00	21.93 2.24 0.00	21.47 2.25 0.00	24.11 2.59 -0.63	26.59 2.93 -1.12	28.17 3.20 -1.09	30.17 3.23 0.00	30.75 2.59 0.00	30.54 2.18 0.00	32.02 2.21 0.00	33.07 2.68 0.00	35.30 3.15 -0.01	35.51 3.23 -0.01	34.80 3.16 -0.01	44.93 4.03 -3.93	44.00 4.29 -0.33	48.10 3.90 -7.01	38.46 3.65 -0.06	34.09 2.92 -0.06	32.51 2.69 0.00	30.07 2.38 0.00	28.00 2.63 -0.10

SISSONVILLE____ 23735	23.62 -0.48 -0.09	21.92 -0.42 -0.03	20.56 -0.36 0.00	19.41 -0.28 0.00	19.03 -0.19 0.00	20.22 -0.67 0.00	21.64 -0.95 -0.04	22.93 -1.03 -0.07	25.98 -1.08 -0.12	27.21 -1.07 -0.12	27.49 -0.99 -0.13	28.94 -1.04 -0.17	29.57 -0.97 -0.15	31.13 -1.03 -0.02	31.14 -1.13 0.00	30.55 -1.08 0.00	35.67 -1.29 0.00	38.12 -1.26 0.00	36.10 -1.12 -0.03	33.74 -1.01 0.00	30.17 -0.93 0.00	28.90 -0.92 0.00	26.86 -0.83 0.00	24.86 -0.43 -0.01
SITHE_IND_GS1 24169	20.64 -0.65 2.72	20.67 -0.60 1.04	20.33 -0.59 0.00	19.11 -0.57 0.00	18.67 -0.56 0.00	20.31 -0.58 0.00	20.71 -0.63 1.20	20.96 -0.69 2.22	22.50 -0.81 3.63	23.59 -0.84 3.72	23.59 -0.82 3.94	23.77 -0.80 5.24	25.17 -0.82 4.41	30.61 -0.90 0.63	31.37 -0.90 0.00	30.74 -0.89 0.00	35.86 -1.11 0.00	38.20 -1.18 0.00	35.12 -1.11 0.95	33.74 -1.01 0.00	30.30 -0.81 0.00	29.08 -0.74 0.00	26.95 -0.75 0.00	24.23 -0.71 0.33
SITHE_IND_GS2 24170	20.64 -0.65 2.72	20.67 -0.60 1.04	20.33 -0.59 0.00	19.11 -0.57 0.00	18.67 -0.56 0.00	20.31 -0.58 0.00	20.71 -0.63 1.20	20.96 -0.69 2.22	22.50 -0.81 3.63	23.59 -0.84 3.72	23.59 -0.82 3.94	23.77 -0.80 5.24	25.17 -0.82 4.41	30.61 -0.90 0.63	31.37 -0.90 0.00	30.74 -0.89 0.00	35.86 -1.11 0.00	38.20 -1.18 0.00	35.12 -1.11 0.95	33.74 -1.01 0.00	30.30 -0.81 0.00	29.08 -0.74 0.00	26.95 -0.75 0.00	24.23 -0.71 0.33
SITHE_IND_GS3 24171	20.64 -0.65 2.72	20.67 -0.60 1.04	20.33 -0.59 0.00	19.11 -0.57 0.00	18.67 -0.56 0.00	20.31 -0.58 0.00	20.71 -0.63 1.20	20.96 -0.69 2.22	22.50 -0.81 3.63	23.59 -0.84 3.72	23.59 -0.82 3.94	23.77 -0.80 5.24	25.17 -0.82 4.41	30.61 -0.90 0.63	31.37 -0.90 0.00	30.74 -0.89 0.00	35.86 -1.11 0.00	38.20 -1.18 0.00	35.12 -1.11 0.95	33.74 -1.01 0.00	30.30 -0.81 0.00	29.08 -0.74 0.00	26.95 -0.75 0.00	24.23 -0.71 0.33
SITHE_IND_GS4 24172	20.64 -0.65 2.72	20.67 -0.60 1.04	20.33 -0.59 0.00	19.11 -0.57 0.00	18.67 -0.56 0.00	20.31 -0.58 0.00	20.71 -0.63 1.20	20.96 -0.69 2.22	22.50 -0.81 3.63	23.59 -0.84 3.72	23.59 -0.82 3.94	23.77 -0.80 5.24	25.17 -0.82 4.41	30.61 -0.90 0.63	31.37 -0.90 0.00	30.74 -0.89 0.00	35.86 -1.11 0.00	38.20 -1.18 0.00	35.12 -1.11 0.95	33.74 -1.01 0.00	30.30 -0.81 0.00	29.08 -0.74 0.00	26.95 -0.75 0.00	24.23 -0.71 0.33
SITHE____BATAVIA 24024	25.06 1.06 0.00	23.18 0.87 0.00	21.58 0.67 0.00	20.14 0.45 0.00	19.76 0.54 0.00	21.46 0.56 0.00	23.09 0.52 -0.02	24.33 0.36 -0.09	27.29 0.35 0.00	28.50 0.34 0.00	28.84 0.48 0.00	30.53 0.71 0.00	31.31 0.91 0.00	32.88 0.74 0.00	33.04 0.77 0.00	32.32 0.69 0.00	37.26 0.29 0.00	39.69 0.31 0.00	37.85 0.67 0.00	35.44 0.69 0.00	32.32 1.21 0.00	31.11 1.28 0.00	28.66 0.97 0.00	26.26 0.98 0.00
SITHE____INDEPEND 23800	20.66 -0.62 2.72	20.67 -0.60 1.04	20.33 -0.59 0.00	19.12 -0.57 0.00	18.67 -0.56 0.00	20.29 -0.61 0.00	20.71 -0.63 1.20	20.96 -0.69 2.22	22.50 -0.81 3.63	23.59 -0.84 3.72	23.59 -0.82 3.94	23.77 -0.80 5.24	25.17 -0.82 4.41	30.61 -0.90 0.63	31.37 -0.90 0.00	30.74 -0.89 0.00	35.90 -1.07 0.00	38.20 -1.18 0.00	35.11 -1.12 0.95	33.74 -1.01 0.00	30.30 -0.81 0.00	29.05 -0.78 0.00	26.92 -0.78 0.00	24.23 -0.71 0.33
SITHE____MASSENA 23902	23.67 -0.34 0.00	22.02 -0.29 0.00	20.62 -0.29 0.00	19.55 -0.14 0.00	19.07 -0.15 0.00	20.58 -0.31 0.00	22.07 -0.47 0.00	23.35 -0.53 0.00	26.42 -0.51 0.00	27.65 -0.51 0.00	27.90 -0.45 0.00	29.37 -0.45 0.00	30.00 -0.40 0.00	31.69 -0.45 0.00	31.75 -0.52 0.00	31.15 -0.47 0.00	36.38 -0.59 0.00	38.83 -0.55 0.00	36.70 -0.48 0.00	34.26 -0.49 0.00	30.70 -0.41 0.00	29.41 -0.42 0.00	27.28 -0.41 0.00	25.02 -0.25 0.00
SITHE____OGDNSBRG 24021	23.89 -0.12 0.00	22.22 -0.09 0.00	20.89 -0.02 0.00	19.73 0.04 0.00	19.38 0.15 0.00	20.72 -0.17 0.00	22.14 -0.41 0.00	23.42 -0.45 0.00	26.45 -0.48 0.00	27.71 -0.45 0.00	27.96 -0.40 0.00	29.46 -0.36 0.00	30.09 -0.30 0.00	31.78 -0.35 0.00	31.79 -0.48 0.00	31.22 -0.41 0.00	36.45 -0.52 0.00	38.95 -0.43 0.00	36.88 -0.30 0.00	34.54 -0.21 0.00	30.89 -0.22 0.00	29.59 -0.24 0.00	27.44 -0.25 0.00	25.25 -0.03 0.00
SITHE____STERLING 23777	24.84 0.67 -0.16	22.97 0.60 -0.06	21.41 0.50 0.00	20.12 0.43 0.00	19.63 0.40 0.00	21.39 0.50 0.00	23.25 0.63 -0.08	24.74 0.69 -0.17	27.91 0.75 -0.22	29.22 0.84 -0.22	29.44 0.85 -0.24	31.14 1.01 -0.31	31.66 1.00 -0.26	33.17 1.00 -0.04	33.27 1.00 0.00	32.61 0.98 0.00	38.00 1.03 0.00	40.44 1.06 0.00	38.28 1.04 -0.05	35.79 1.04 0.00	32.10 1.00 0.00	30.90 1.07 0.00	28.44 0.75 0.00	25.93 0.63 -0.02
SLEIGHT__34_KV_TB1 80719	25.04 0.72 -0.32	23.12 0.69 -0.12	21.44 0.52 0.00	20.12 0.43 0.00	19.65 0.42 0.00	21.43 0.54 0.00	23.36 0.65 -0.17	24.92 0.69 -0.35	28.10 0.73 -0.44	29.45 0.84 -0.45	29.82 0.99 -0.47	31.70 1.25 -0.63	32.24 1.31 -0.53	33.40 1.19 -0.08	33.53 1.26 0.00	32.86 1.23 0.00	38.19 1.22 0.00	40.56 1.18 0.00	38.49 1.19 -0.11	35.93 1.18 0.00	32.35 1.24 0.00	31.05 1.22 0.00	28.58 0.89 0.00	26.10 0.78 -0.04
SOUTH CAIRO____GT 23612	25.39 1.54 0.16	23.58 1.27 0.00	22.19 1.28 0.00	20.75 1.06 0.00	20.17 0.94 0.00	22.00 1.11 0.00	24.07 1.42 -0.11	22.87 1.26 2.28	28.21 1.29 0.02	29.43 1.27 0.00	29.63 1.28 0.00	31.01 1.19 0.00	31.49 1.09 0.00	33.52 1.38 0.00	33.56 1.29 0.00	32.89 1.27 0.00	38.56 1.59 0.00	41.19 1.81 0.00	39.00 1.82 0.00	36.52 1.77 0.00	32.69 1.59 0.00	31.23 1.40 0.00	29.13 1.44 0.00	26.59 1.31 0.00
SOUTH HAMPTN____IC 23720	29.72 3.55 -2.16	25.60 3.28 -0.01	23.93 3.01 0.00	22.31 2.62 0.00	21.82 2.59 0.00	24.55 3.03 -0.63	27.04 3.38 -1.11	28.66 3.70 -1.09	30.79 3.85 0.00	31.48 3.32 0.00	31.36 3.00 0.00	32.86 3.04 0.00	33.95 3.55 0.00	36.26 4.11 -0.01	36.51 4.23 -0.01	35.78 4.14 -0.01	45.98 5.18 -3.83	45.22 5.51 -0.32	48.99 5.06 -6.75	39.50 4.69 -0.06	35.02 3.86 -0.06	33.31 3.49 0.00	30.82 3.13 0.00	28.66 3.28 -0.10
SOUTHDOW_115KV_TB1 355954	25.86 1.85 0.00	23.80 1.49 0.00	22.11 1.19 0.00	20.65 0.96 0.00	20.26 1.04 0.00	22.04 1.15 0.00	23.81 1.24 -0.03	25.04 1.05 -0.11	28.44 1.51 0.00	29.79 1.63 0.00	30.14 1.79 0.00	31.63 1.82 0.00	32.37 1.98 0.00	34.19 2.06 0.00	34.40 2.13 0.00	33.68 2.06 0.00	38.82 1.85 0.00	41.23 1.85 0.00	39.08 1.90 0.00	36.83 2.08 0.00	33.59 2.49 0.00	32.24 2.42 0.00	29.55 1.86 0.00	27.20 1.92 0.00
SOUTHOLD_69_KV_BK 2 55809	30.32 4.15 -2.16	26.11 3.79 -0.01	24.30 3.39 0.00	22.76 3.07 0.00	22.15 2.92 0.00	24.95 3.43 -0.63	27.60 3.95 -1.11	29.26 4.30 -1.09	31.00 4.07 0.00	32.21 4.05 0.00	32.10 3.74 0.00	34.08 4.26 0.00	34.96 4.56 0.00	37.32 5.17 -0.01	37.57 5.29 -0.01	36.82 5.19 -0.01	47.23 6.43 -3.83	46.59 6.89 -0.32	50.25 6.32 -6.75	40.61 5.80 -0.06	36.03 4.88 -0.04	34.30 4.47 0.00	31.62 3.93 0.00	29.36 3.99 -0.10

SOUTHOLD___IC 23719	30.32 4.15 -2.16	26.11 3.79 -0.01	24.41 3.49 0.00	22.76 3.07 0.00	22.26 3.04 0.00	25.05 3.53 -0.63	27.60 3.94 -1.11	29.26 4.30 -1.09	31.49 4.55 0.00	32.27 4.11 0.00	32.18 3.83 0.00	33.78 3.97 0.00	34.93 4.53 0.00	37.32 5.18 -0.01	37.57 5.29 -0.01	36.82 5.19 -0.01	47.24 6.43 -3.84	46.55 6.85 -0.32	50.25 6.32 -6.75	40.64 5.84 -0.06	36.05 4.88 -0.06	34.24 4.41 0.00	31.62 3.93 0.00	29.36 3.99 -0.10
SPIERFLS_115KV_TB 1 80737	26.21 2.02 -0.18	24.09 1.78 0.00	22.57 1.65 0.00	21.20 1.52 0.00	20.67 1.44 0.00	22.54 1.65 0.00	24.90 1.98 -0.37	30.47 2.10 -4.49	29.46 2.51 -0.02	30.69 2.53 0.00	30.68 2.33 0.00	31.99 2.18 0.00	32.37 1.98 0.00	34.39 2.25 0.00	34.46 2.19 0.00	33.75 2.12 0.00	39.48 2.51 0.00	42.06 2.68 0.00	40.08 2.90 0.00	37.49 2.75 0.00	33.75 2.64 0.00	32.27 2.45 0.00	29.94 2.24 0.00	27.30 2.02 0.00
ST LAWRENCE___ 23600	23.41 -0.60 0.00	21.75 -0.56 0.00	20.39 -0.52 0.00	19.33 -0.35 0.00	18.86 -0.37 0.00	20.39 -0.50 0.00	21.91 -0.63 0.00	23.23 -0.64 0.00	26.24 -0.70 0.00	27.46 -0.70 0.00	27.67 -0.68 0.00	29.10 -0.72 0.00	29.73 -0.67 0.00	31.43 -0.71 0.00	31.53 -0.74 0.00	30.90 -0.73 0.00	36.12 -0.85 0.00	38.51 -0.87 0.00	36.40 -0.78 0.00	33.98 -0.76 0.00	30.42 -0.68 0.00	29.14 -0.68 0.00	27.06 -0.64 0.00	24.77 -0.51 0.00
STATE_CA_115KV_115_LB 55624	24.59 0.82 0.23	23.07 0.76 0.00	21.60 0.69 0.00	20.32 0.63 0.00	19.80 0.58 0.00	21.58 0.69 0.00	23.48 0.86 -0.08	21.11 0.88 3.65	27.93 1.02 0.03	29.17 1.01 0.00	29.32 0.96 0.00	30.77 0.95 0.00	31.31 0.91 0.00	33.13 1.00 0.00	33.24 0.97 0.00	32.54 0.92 0.00	38.08 1.11 0.00	40.64 1.26 0.00	38.37 1.19 0.00	35.83 1.08 0.00	31.98 0.87 0.00	30.66 0.84 0.00	28.52 0.83 0.00	26.01 0.73 0.00
STATE_ST_34_KV_LOAD 55959	25.01 0.53 -0.47	23.00 0.51 -0.18	21.31 0.40 0.00	20.00 0.31 0.00	19.53 0.31 0.00	21.29 0.40 0.00	23.26 0.47 -0.24	24.84 0.48 -0.49	28.09 0.51 -0.65	29.41 0.59 -0.66	29.74 0.68 -0.70	31.43 0.69 -0.93	31.88 0.70 -0.79	33.05 0.80 -0.11	33.14 0.87 0.00	32.48 0.85 0.00	37.82 0.85 0.00	40.21 0.83 0.00	38.17 0.82 -0.17	35.58 0.83 0.00	32.01 0.90 0.00	30.75 0.92 0.00	28.33 0.64 0.00	25.89 0.56 -0.06
STATION 5_MISC_HYD 23604	24.58 0.58 0.00	22.78 0.47 0.00	21.27 0.36 0.00	19.88 0.20 0.00	19.46 0.23 0.00	21.14 0.25 0.00	22.79 0.23 -0.02	24.17 0.21 -0.08	27.07 0.14 0.00	28.30 0.14 0.00	28.64 0.28 0.00	30.23 0.42 0.00	30.91 0.52 0.00	32.62 0.48 0.00	32.75 0.48 0.00	32.10 0.48 0.00	37.15 0.19 0.00	39.50 0.12 0.00	37.52 0.33 0.00	35.10 0.35 0.00	31.82 0.72 0.00	30.51 0.69 0.00	28.22 0.52 0.00	25.81 0.53 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.64 0.53 -0.10	22.79 0.45 -0.04	21.23 0.31 0.00	19.90 0.22 0.00	19.45 0.23 0.00	21.18 0.29 0.00	22.95 0.34 -0.07	24.38 0.33 -0.16	27.37 0.30 -0.14	28.61 0.31 -0.14	28.99 0.48 -0.15	30.61 0.60 -0.20	31.23 0.67 -0.17	32.77 0.61 -0.02	32.92 0.65 0.00	32.23 0.60 0.00	37.45 0.48 0.00	39.77 0.39 0.00	37.74 0.52 -0.04	35.30 0.56 0.00	31.91 0.81 0.00	30.60 0.78 0.00	28.25 0.55 0.00	25.82 0.53 -0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.42 0.41 0.00	22.62 0.31 0.00	21.10 0.19 0.00	19.75 0.06 0.00	19.30 0.08 0.00	21.00 0.10 0.00	22.70 0.14 -0.02	24.08 0.12 -0.08	26.96 0.03 0.00	28.16 0.00 0.00	28.52 0.17 0.00	30.05 0.24 0.00	30.73 0.33 0.00	32.46 0.32 0.00	32.62 0.35 0.00	31.94 0.32 0.00	37.08 0.11 0.00	39.38 0.00 0.00	37.33 0.15 0.00	34.96 0.21 0.00	31.63 0.53 0.00	30.30 0.48 0.00	28.02 0.33 0.00	25.63 0.35 0.00
STA_56___34_KV_BUS2 355983	24.42 0.41 0.00	22.62 0.31 0.00	21.10 0.19 0.00	19.75 0.06 0.00	19.30 0.08 0.00	21.00 0.10 0.00	22.70 0.14 -0.02	24.08 0.12 -0.08	26.96 0.03 0.00	28.16 0.00 0.00	28.52 0.17 0.00	30.05 0.24 0.00	30.73 0.33 0.00	32.46 0.32 0.00	32.62 0.35 0.00	31.94 0.32 0.00	37.08 0.11 0.00	39.38 0.00 0.00	37.33 0.15 0.00	34.96 0.21 0.00	31.63 0.53 0.00	30.30 0.48 0.00	28.02 0.33 0.00	25.63 0.35 0.00
STA_67___115KV_BK2 355882	24.51 0.50 0.00	22.71 0.40 0.00	21.18 0.27 0.00	19.82 0.14 0.00	19.40 0.17 0.00	21.08 0.19 0.00	22.77 0.20 -0.02	24.15 0.19 -0.08	27.02 0.08 0.00	28.21 0.06 0.00	28.55 0.20 0.00	30.08 0.27 0.00	30.73 0.33 0.00	32.49 0.35 0.00	32.66 0.39 0.00	31.97 0.35 0.00	37.08 0.11 0.00	39.38 0.00 0.00	37.37 0.19 0.00	35.03 0.28 0.00	31.73 0.62 0.00	30.36 0.54 0.00	28.11 0.42 0.00	25.73 0.45 0.00
STA_7___115KV_9TRANS 80674	24.73 0.72 0.00	22.91 0.60 0.00	21.35 0.44 0.00	20.00 0.31 0.00	19.55 0.33 0.00	21.27 0.38 0.00	22.97 0.41 -0.02	24.36 0.41 -0.08	27.26 0.32 0.00	28.50 0.34 0.00	28.87 0.51 0.00	30.38 0.57 0.00	31.07 0.67 0.00	32.88 0.74 0.00	33.01 0.74 0.00	32.32 0.70 0.00	37.49 0.52 0.00	39.81 0.43 0.00	37.81 0.63 0.00	35.41 0.66 0.00	32.07 0.96 0.00	30.69 0.86 0.00	28.38 0.69 0.00	25.96 0.68 0.00
STA_82___115KV_TB1 80780	24.54 0.53 0.00	22.73 0.42 0.00	21.21 0.29 0.00	19.84 0.16 0.00	19.40 0.17 0.00	21.10 0.21 0.00	22.79 0.23 -0.02	24.17 0.21 -0.08	27.04 0.11 0.00	28.24 0.08 0.00	28.58 0.23 0.00	30.11 0.30 0.00	30.76 0.36 0.00	32.52 0.39 0.00	32.69 0.42 0.00	32.01 0.38 0.00	37.12 0.15 0.00	39.42 0.04 0.00	37.40 0.22 0.00	35.06 0.31 0.00	31.76 0.65 0.00	30.39 0.57 0.00	28.14 0.44 0.00	25.73 0.45 0.00
STEEL___WIND 323596	24.87 0.86 0.00	22.93 0.62 0.00	21.44 0.52 0.00	19.96 0.28 0.00	19.61 0.38 0.00	21.29 0.40 0.00	22.86 0.29 -0.03	23.91 -0.07 -0.11	27.02 0.08 0.00	28.27 0.11 0.00	28.55 0.20 0.00	30.26 0.45 0.00	31.04 0.64 0.00	32.62 0.48 0.00	32.82 0.55 0.00	32.13 0.50 0.00	37.01 0.04 0.00	39.34 -0.04 0.00	37.37 0.19 0.00	34.99 0.24 0.00	31.95 0.84 0.00	30.72 0.89 0.00	28.30 0.61 0.00	26.03 0.76 0.00
STEPHTWN_115KV_BK_2 55603	24.64 0.91 0.28	23.13 0.83 0.00	21.67 0.75 0.00	20.38 0.69 0.00	19.86 0.63 0.00	21.64 0.75 0.00	23.55 0.97 -0.04	20.28 0.98 4.58	28.06 1.16 0.03	29.28 1.13 0.00	29.43 1.08 0.00	30.92 1.10 0.00	31.43 1.03 0.00	33.29 1.16 0.00	33.40 1.13 0.00	32.70 1.08 0.00	38.30 1.33 0.00	40.88 1.50 0.00	38.56 1.38 0.00	36.03 1.29 0.00	32.16 1.06 0.00	30.81 0.98 0.00	28.66 0.97 0.00	26.14 0.86 0.00
STEUBEN_REC_LFGE 323667	25.35 1.20 -0.14	23.36 1.00 -0.05	21.69 0.77 0.00	20.32 0.63 0.00	19.90 0.67 0.00	21.69 0.79 0.00	23.52 0.88 -0.10	25.09 0.91 -0.31	28.32 1.13 -0.25	29.69 1.27 -0.26	30.08 1.45 -0.28	32.18 2.00 -0.37	32.77 2.07 -0.31	33.85 1.67 -0.04	33.69 1.42 0.00	32.99 1.36 0.00	38.19 1.22 0.00	40.56 1.18 0.00	38.53 1.30 -0.05	36.21 1.46 0.00	32.88 1.77 0.00	31.59 1.76 0.00	29.05 1.36 0.00	26.66 1.36 -0.02

STONY___BROOK 24151	29.18 3.00 -2.17	25.07 2.74 -0.02	23.46 2.55 0.00	21.87 2.18 0.00	21.38 2.15 0.00	24.05 2.53 -0.63	26.54 2.86 -1.13	28.16 3.18 -1.10	30.22 3.29 0.00	31.00 2.84 0.00	30.93 2.58 0.00	32.35 2.53 0.00	33.41 3.01 0.00	35.69 3.54 -0.02	35.90 3.61 -0.02	35.18 3.54 -0.02	45.85 4.51 -4.37	44.37 4.64 -0.34	50.03 4.35 -8.50	38.82 3.99 -0.08	34.45 3.27 -0.08	32.66 2.83 0.00	30.46 2.77 0.00	28.30 2.93 -0.10
STURGEON_POOL_HYD 23609	25.51 1.54 0.04	23.67 1.36 0.00	22.15 1.23 0.00	20.79 1.10 0.00	20.22 1.00 0.00	22.02 1.13 0.00	24.15 1.44 -0.16	25.43 1.58 0.02	28.55 1.62 0.00	29.85 1.69 0.00	29.94 1.59 0.00	31.54 1.73 0.00	32.13 1.73 0.00	33.84 1.70 0.00	34.01 1.74 0.00	33.33 1.71 0.00	39.30 2.33 0.00	41.86 2.48 0.00	39.30 2.12 0.00	36.63 1.88 0.00	32.54 1.43 0.00	31.29 1.46 0.00	29.22 1.52 0.00	26.67 1.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.35 1.34 0.00	23.53 1.23 0.00	22.02 1.11 0.00	20.69 1.00 0.00	20.13 0.90 0.00	21.92 1.02 0.00	23.97 1.26 -0.17	25.91 1.41 -0.63	28.50 1.56 0.00	29.79 1.63 0.00	29.89 1.53 0.00	31.48 1.67 0.00	32.07 1.67 0.00	33.84 1.70 0.00	34.01 1.74 0.00	33.30 1.68 0.00	39.22 2.26 0.00	41.78 2.40 0.00	39.26 2.08 0.00	36.59 1.84 0.00	32.57 1.46 0.00	31.26 1.43 0.00	29.13 1.44 0.00	26.56 1.29 0.00
SWANROAD_115KV_TB1 355699	24.08 0.07 0.00	22.24 -0.07 0.00	20.75 -0.17 0.00	19.45 -0.24 0.00	19.05 -0.17 0.00	20.62 -0.27 0.00	22.16 -0.41 -0.03	23.28 -0.69 -0.10	26.10 -0.84 0.00	27.23 -0.93 0.00	27.53 -0.82 0.00	29.07 -0.75 0.00	29.76 -0.64 0.00	31.37 -0.77 0.00	31.53 -0.74 0.00	30.87 -0.76 0.00	35.60 -1.37 0.00	37.76 -1.61 0.00	35.95 -1.23 0.00	33.81 -0.94 0.00	30.76 -0.34 0.00	29.50 -0.33 0.00	27.30 -0.39 0.00	25.17 -0.10 0.00
SYNERGY___BIOGAS 323694	25.06 1.06 0.00	23.18 0.87 0.00	21.58 0.67 0.00	20.14 0.45 0.00	19.76 0.54 0.00	21.46 0.56 0.00	23.09 0.52 -0.02	24.33 0.36 -0.09	27.29 0.35 0.00	28.50 0.34 0.00	28.84 0.48 0.00	30.53 0.71 0.00	31.31 0.91 0.00	32.88 0.74 0.00	33.04 0.77 0.00	32.32 0.69 0.00	37.26 0.29 0.00	39.69 0.31 0.00	37.85 0.67 0.00	35.44 0.69 0.00	32.32 1.21 0.00	31.11 1.28 0.00	28.66 0.97 0.00	26.26 0.98 0.00
SYRACUSE___ENERGY_ST1 323597	24.58 0.05 -0.53	22.55 0.04 -0.20	20.89 -0.02 0.00	19.63 -0.06 0.00	19.17 -0.06 0.00	20.87 -0.02 0.00	22.80 0.00 -0.26	24.37 -0.02 -0.52	27.60 -0.05 -0.72	28.87 -0.03 -0.74	29.17 0.03 -0.78	31.01 0.15 -1.04	31.43 0.15 -0.88	32.36 0.10 -0.12	32.40 0.13 0.00	31.75 0.13 0.00	37.00 0.04 0.00	39.34 -0.04 0.00	37.37 0.00 -0.19	34.78 0.03 0.00	31.26 0.16 0.00	29.97 0.15 0.00	27.72 0.03 0.00	25.37 0.03 -0.07
SYRACUSE___ENERGY_ST2 323598	24.58 0.05 -0.53	22.55 0.04 -0.20	20.89 -0.02 0.00	19.63 -0.06 0.00	19.17 -0.06 0.00	20.87 -0.02 0.00	22.80 0.00 -0.26	24.37 -0.02 -0.52	27.60 -0.05 -0.72	28.87 -0.03 -0.74	29.17 0.03 -0.78	31.01 0.15 -1.04	31.43 0.15 -0.88	32.36 0.10 -0.12	32.40 0.13 0.00	31.75 0.13 0.00	37.00 0.04 0.00	39.34 -0.04 0.00	37.37 0.00 -0.19	34.78 0.03 0.00	31.26 0.16 0.00	29.97 0.15 0.00	27.72 0.03 0.00	25.37 0.03 -0.07
SYRACUSE___POWER 24017	24.38 0.02 -0.34	22.46 0.02 -0.13	20.85 -0.06 0.00	19.61 -0.08 0.00	19.13 -0.10 0.00	20.83 -0.06 0.00	22.70 -0.02 -0.18	24.17 -0.07 -0.36	27.30 -0.11 -0.47	28.53 -0.11 -0.48	28.84 -0.03 -0.51	30.56 0.06 -0.68	31.03 0.06 -0.57	32.22 0.00 -0.08	32.33 0.06 0.00	31.69 0.06 0.00	36.93 -0.04 0.00	39.30 -0.08 0.00	37.23 -0.07 -0.12	34.71 -0.03 0.00	31.17 0.06 0.00	29.89 0.06 0.00	27.64 -0.06 0.00	25.27 -0.05 -0.04
TALLMAN___138KV_BK151 55660	25.57 1.56 0.00	23.74 1.43 0.00	22.19 1.28 0.00	20.85 1.16 0.00	20.28 1.06 0.00	22.08 1.19 0.00	24.20 1.49 -0.17	26.22 1.70 -0.65	28.82 1.89 0.00	30.10 1.94 0.00	30.17 1.81 0.00	31.78 1.97 0.00	32.37 1.98 0.00	34.16 2.02 0.00	34.37 2.10 0.00	33.65 2.02 0.00	39.67 2.70 0.00	42.25 2.87 0.00	39.67 2.49 0.00	36.94 2.19 0.00	32.85 1.74 0.00	31.56 1.73 0.00	29.38 1.69 0.00	26.82 1.54 0.00
TEALLAVE_115KV_TB7 355573	24.24 -0.05 -0.28	22.35 -0.07 -0.11	20.79 -0.13 0.00	19.53 -0.16 0.00	19.07 -0.15 0.00	20.77 -0.13 0.00	22.60 -0.09 -0.15	24.06 -0.12 -0.31	27.12 -0.22 -0.40	28.37 -0.20 -0.41	28.67 -0.11 -0.43	30.33 -0.06 -0.57	30.85 -0.03 -0.48	32.11 -0.10 -0.07	32.21 -0.06 0.00	31.56 -0.06 0.00	36.78 -0.18 0.00	39.10 -0.28 0.00	37.03 -0.26 -0.10	34.58 -0.17 0.00	31.04 -0.06 0.00	29.77 -0.06 0.00	27.55 -0.14 0.00	25.16 -0.15 -0.04
TELGRAPH_34_KV_EAST 80808	24.66 0.65 0.00	22.78 0.47 0.00	21.25 0.33 0.00	19.88 0.20 0.00	19.47 0.25 0.00	21.12 0.23 0.00	22.75 0.18 -0.02	23.95 0.18 -0.09	26.85 -0.08 0.00	28.02 -0.14 0.00	28.35 0.00 0.00	29.96 0.15 0.00	30.70 0.30 0.00	32.33 0.19 0.00	32.50 0.23 0.00	31.78 0.16 0.00	36.71 -0.26 0.00	38.99 -0.39 0.00	37.11 -0.07 0.00	34.85 0.10 0.00	31.73 0.62 0.00	30.39 0.57 0.00	28.11 0.42 0.00	25.86 0.58 0.00
TEMPLE___115KV_TB 2 55572	24.24 -0.05 -0.28	22.37 -0.04 -0.11	20.81 -0.10 0.00	19.55 -0.14 0.00	19.09 -0.13 0.00	20.79 -0.10 0.00	22.62 -0.07 -0.15	24.06 -0.12 -0.30	27.14 -0.19 -0.39	28.39 -0.17 -0.40	28.67 -0.11 -0.43	30.35 -0.03 -0.57	30.85 -0.03 -0.48	32.14 -0.06 -0.07	32.24 -0.03 0.00	31.60 -0.03 0.00	36.82 -0.15 0.00	39.14 -0.24 0.00	37.06 -0.22 -0.10	34.61 -0.14 0.00	31.07 -0.03 0.00	29.80 -0.03 0.00	27.55 -0.14 0.00	25.16 -0.15 -0.04
TIANA___69_KV_BK 1 55817	29.58 3.41 -2.16	25.44 3.12 -0.01	23.67 2.76 0.00	22.19 2.50 0.00	21.59 2.36 0.00	24.30 2.78 -0.63	26.90 3.25 -1.11	28.52 3.56 -1.09	30.11 3.18 0.00	31.23 3.07 0.00	31.08 2.72 0.00	32.95 3.13 0.00	33.77 3.37 0.00	36.00 3.86 -0.01	36.25 3.97 -0.01	35.53 3.89 -0.01	45.68 4.88 -3.83	44.94 5.24 -0.32	48.69 4.76 -6.75	39.18 4.38 -0.06	34.78 3.64 -0.04	33.17 3.34 0.00	30.66 2.96 0.00	28.51 3.13 -0.10
TILDEN___115KV_TB1 80814	24.38 0.02 -0.34	22.46 0.02 -0.13	20.85 -0.06 0.00	19.61 -0.08 0.00	19.13 -0.10 0.00	20.83 -0.06 0.00	22.70 -0.02 -0.18	24.17 -0.07 -0.36	27.30 -0.11 -0.47	28.53 -0.11 -0.48	28.84 -0.03 -0.51	30.56 0.06 -0.68	31.03 0.06 -0.57	32.22 0.00 -0.08	32.33 0.06 0.00	31.69 0.06 0.00	36.93 -0.04 0.00	39.30 -0.08 0.00	37.23 -0.07 -0.12	34.71 -0.03 0.00	31.17 0.06 0.00	29.89 0.06 0.00	27.64 -0.06 0.00	25.27 -0.05 -0.04
TRIGEN___CC 323695	28.30 2.14 -2.15	24.27 1.96 0.00	22.65 1.74 0.00	21.24 1.56 0.00	20.67 1.44 0.00	23.20 1.69 -0.62	25.63 2.03 -1.05	27.17 2.27 -1.03	29.20 2.26 0.00	30.33 2.17 0.00	30.34 1.98 0.00	31.99 2.18 0.00	32.74 2.34 0.00	34.74 2.60 0.00	34.95 2.68 0.00	34.25 2.63 0.00	40.33 3.36 0.00	43.23 3.58 -0.27	40.82 3.20 -0.44	37.60 2.85 0.00	33.41 2.30 0.00	31.91 2.09 0.00	29.82 2.13 0.00	27.49 2.12 -0.10

TRINITY__115KV__4 BK 55933	24.46 0.72 0.27	23.00 0.69 0.00	21.54 0.63 0.00	20.26 0.57 0.00	19.74 0.52 0.00	21.52 0.63 0.00	23.38 0.79 -0.05	20.26 0.79 4.41	27.82 0.92 0.03	29.03 0.87 0.00	29.18 0.82 0.00	30.62 0.80 0.00	31.13 0.73 0.00	32.97 0.84 0.00	33.08 0.81 0.00	32.42 0.79 0.00	37.93 0.96 0.00	40.48 1.10 0.00	38.19 1.00 0.00	35.69 0.94 0.00	31.85 0.75 0.00	30.51 0.69 0.00	28.41 0.72 0.00	25.91 0.63 0.00
UNION__PROCESSING_DRP 323587	24.54 0.53 0.00	22.73 0.42 0.00	21.21 0.29 0.00	19.86 0.18 0.00	19.42 0.19 0.00	21.12 0.23 0.00	22.81 0.25 -0.02	24.17 0.21 -0.08	27.04 0.11 0.00	28.24 0.08 0.00	28.61 0.26 0.00	30.11 0.30 0.00	30.79 0.40 0.00	32.55 0.42 0.00	32.69 0.42 0.00	32.04 0.41 0.00	37.12 0.15 0.00	39.46 0.08 0.00	37.44 0.26 0.00	35.10 0.35 0.00	31.76 0.65 0.00	30.42 0.60 0.00	28.14 0.44 0.00	25.76 0.48 0.00
UPPER HUDSON__HYD 24058	26.21 2.02 -0.18	24.09 1.79 0.00	22.63 1.72 0.00	21.20 1.52 0.00	20.68 1.46 0.00	22.61 1.71 0.00	24.90 1.98 -0.37	30.47 2.10 -4.49	29.46 2.51 -0.02	30.69 2.54 0.00	30.68 2.33 0.00	31.96 2.15 0.00	32.37 1.97 0.00	34.39 2.25 0.00	34.47 2.20 0.00	33.75 2.12 0.00	39.45 2.48 0.00	42.06 2.68 0.00	40.08 2.90 0.00	37.46 2.71 0.00	33.75 2.64 0.00	32.24 2.41 0.00	29.93 2.24 0.00	27.30 2.02 0.00
UPPER RAQUET__HYD 24056	23.62 -0.48 -0.09	21.92 -0.42 -0.03	20.47 -0.44 0.00	19.41 -0.28 0.00	18.84 -0.38 0.00	20.16 -0.73 0.00	21.64 -0.95 -0.04	22.93 -1.03 -0.07	25.98 -1.08 -0.12	27.21 -1.07 -0.12	27.49 -0.99 -0.13	28.94 -1.04 -0.17	29.57 -0.97 -0.15	31.13 -1.03 -0.02	31.14 -1.13 0.00	30.55 -1.08 0.00	35.67 -1.29 0.00	38.12 -1.26 0.00	36.10 -1.11 -0.03	33.67 -1.08 0.00	30.17 -0.93 0.00	28.93 -0.89 0.00	26.86 -0.83 0.00	24.86 -0.43 -0.01
VALLEY44_115KV_TB2 355964	24.83 0.82 0.00	22.93 0.62 0.00	21.37 0.46 0.00	19.96 0.28 0.00	19.59 0.37 0.00	21.27 0.38 0.00	22.98 0.41 -0.03	23.64 -0.36 -0.12	27.21 0.27 0.00	28.36 0.20 0.00	28.67 0.31 0.00	30.20 0.39 0.00	30.98 0.58 0.00	32.72 0.58 0.00	32.98 0.71 0.00	32.32 0.70 0.00	37.41 0.44 0.00	39.73 0.35 0.00	37.63 0.45 0.00	35.27 0.52 0.00	32.10 1.00 0.00	30.72 0.89 0.00	28.25 0.55 0.00	26.08 0.81 0.00
VALLEY__115KV_TB 1-4 80826	24.01 0.00 0.00	22.29 -0.02 0.00	20.87 -0.04 0.00	19.65 -0.04 0.00	19.19 -0.04 0.00	20.89 0.00 0.00	22.61 0.07 0.00	23.95 0.07 0.00	27.04 0.11 0.00	28.30 0.14 0.00	28.50 0.14 0.00	30.14 0.33 0.00	30.70 0.30 0.00	32.30 0.16 0.00	32.37 0.10 0.00	31.69 0.06 0.00	37.04 0.07 0.00	39.42 0.04 0.00	37.18 0.00 0.00	34.75 0.00 0.00	31.10 0.00 0.00	29.89 0.06 0.00	27.75 0.06 0.00	25.35 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.55 1.44 -0.10	23.68 1.34 -0.04	22.08 1.17 0.00	20.77 1.08 0.00	20.22 1.00 0.00	22.06 1.17 0.00	24.10 1.44 -0.11	25.76 1.55 -0.33	28.79 1.72 -0.13	30.18 1.89 -0.14	30.37 1.87 -0.14	31.91 1.91 -0.19	32.44 1.88 -0.16	34.18 2.02 -0.02	34.30 2.03 0.00	33.62 1.99 0.00	39.26 2.29 0.00	41.70 2.32 0.00	39.45 2.23 -0.03	36.83 2.08 0.00	33.00 1.90 0.00	31.64 1.82 0.00	29.35 1.66 0.00	26.78 1.49 -0.01
VISCHER__FERRY HYD 24020	25.79 1.25 -0.53	23.49 1.18 0.00	22.06 1.15 0.00	20.69 1.00 0.00	20.20 0.98 0.00	22.04 1.15 0.00	24.45 1.31 -0.60	36.38 1.29 -11.22	28.51 1.51 -0.06	29.65 1.49 0.00	29.77 1.42 0.00	31.19 1.37 0.00	31.70 1.31 0.00	33.62 1.48 0.00	33.72 1.45 0.00	33.02 1.39 0.00	38.63 1.67 0.00	41.11 1.73 0.00	38.86 1.67 0.00	36.31 1.57 0.00	32.47 1.37 0.00	31.08 1.25 0.00	28.91 1.22 0.00	26.39 1.11 0.00
V_A_10_SYNC_DSASP 323832	24.22 0.22 0.00	22.42 0.11 0.00	20.91 0.00 0.00	19.55 -0.14 0.00	19.13 -0.10 0.00	20.81 -0.08 0.00	22.43 -0.14 -0.02	23.73 -0.24 -0.09	26.48 -0.46 0.00	27.62 -0.54 0.00	27.93 -0.43 0.00	29.46 -0.36 0.00	30.13 -0.27 0.00	31.75 -0.39 0.00	31.95 -0.32 0.00	31.28 -0.35 0.00	36.15 -0.81 0.00	38.39 -0.98 0.00	36.48 -0.71 0.00	34.23 -0.52 0.00	31.10 0.00 0.00	29.77 -0.06 0.00	27.58 -0.11 0.00	25.35 0.08 0.00
V_CMM_10_SYNC_DSASP 323787	23.53 -0.48 0.00	21.86 -0.45 0.00	20.50 -0.42 0.00	19.41 -0.28 0.00	18.95 -0.27 0.00	20.47 -0.42 0.00	22.00 -0.54 0.00	23.30 -0.57 0.00	26.34 -0.59 0.00	27.57 -0.59 0.00	27.82 -0.54 0.00	29.25 -0.57 0.00	29.85 -0.55 0.00	31.56 -0.58 0.00	31.66 -0.61 0.00	31.02 -0.60 0.00	36.26 -0.70 0.00	38.71 -0.67 0.00	36.59 -0.60 0.00	34.12 -0.62 0.00	30.58 -0.53 0.00	29.29 -0.54 0.00	27.17 -0.53 0.00	24.87 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	23.50 -0.51 0.00	21.88 -0.42 0.00	20.50 -0.42 0.00	19.37 -0.32 0.00	18.86 -0.37 0.00	20.49 -0.40 0.00	22.18 -0.36 0.00	23.57 -0.31 0.00	26.88 -0.05 0.00	28.24 0.08 0.00	28.64 0.28 0.00	30.11 0.30 0.00	30.95 0.55 0.00	32.84 0.71 0.00	32.88 0.61 0.00	32.29 0.67 0.00	37.67 0.70 0.00	40.36 0.98 0.00	38.30 1.11 0.00	35.69 0.94 0.00	31.95 0.84 0.00	30.48 0.66 0.00	28.25 0.55 0.00	25.86 0.58 0.00
V_E_10_SYNC_DSASP 323830	26.02 1.80 -0.21	24.02 1.63 -0.08	22.31 1.40 0.00	20.95 1.26 0.00	20.46 1.23 0.00	22.31 1.42 0.00	24.47 1.78 -0.14	26.13 1.89 -0.37	29.17 1.94 -0.29	30.60 2.14 -0.30	30.88 2.21 -0.32	32.77 2.53 -0.42	33.37 2.61 -0.35	34.79 2.60 -0.05	34.88 2.61 0.00	34.31 2.69 0.00	39.85 2.89 0.00	42.37 2.99 0.00	40.38 3.12 -0.07	37.88 3.13 0.00	34.09 2.99 0.00	32.90 3.07 0.00	30.13 2.44 0.00	27.48 2.17 -0.03
V_F_30_NSYNC__DSASP 323816	25.94 1.70 -0.23	23.85 1.54 0.00	22.40 1.48 0.00	20.99 1.30 0.00	20.49 1.27 0.00	22.35 1.46 0.00	24.63 1.69 -0.40	31.00 1.74 -5.38	29.01 2.05 -0.03	30.21 2.05 0.00	30.34 1.98 0.00	31.72 1.91 0.00	32.22 1.82 0.00	34.20 2.06 0.00	34.27 2.00 0.00	33.56 1.93 0.00	39.26 2.29 0.00	41.82 2.44 0.00	39.60 2.42 0.00	37.01 2.26 0.00	33.19 2.08 0.00	31.74 1.91 0.00	29.52 1.83 0.00	26.94 1.67 0.00
V_F_30_SYNC_DSASP 323786	24.56 0.79 0.24	23.07 0.76 0.00	21.60 0.69 0.00	20.32 0.63 0.00	19.80 0.58 0.00	21.56 0.67 0.00	23.47 0.86 -0.07	21.03 0.86 3.70	27.93 1.02 0.03	29.17 1.01 0.00	29.29 0.94 0.00	30.77 0.95 0.00	31.28 0.88 0.00	33.13 1.00 0.00	33.24 0.97 0.00	32.54 0.92 0.00	38.08 1.11 0.00	40.64 1.26 0.00	38.37 1.19 0.00	35.83 1.08 0.00	31.98 0.87 0.00	30.66 0.84 0.00	28.52 0.83 0.00	26.01 0.73 0.00
V_XM_10_SYNC_DSASP 323789	23.50 -0.51 0.00	21.88 -0.42 0.00	20.50 -0.42 0.00	19.37 -0.32 0.00	18.86 -0.37 0.00	20.49 -0.40 0.00	22.18 -0.36 0.00	23.57 -0.31 0.00	26.88 -0.05 0.00	28.24 0.08 0.00	28.64 0.28 0.00	30.11 0.30 0.00	30.95 0.55 0.00	32.84 0.71 0.00	32.88 0.61 0.00	32.29 0.67 0.00	37.67 0.70 0.00	40.36 0.98 0.00	38.30 1.11 0.00	35.69 0.94 0.00	31.95 0.84 0.00	30.48 0.66 0.00	28.25 0.55 0.00	25.86 0.58 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.64 1.63 0.00	23.78 1.47 0.00	22.25 1.34 0.00	20.89 1.20 0.00	20.34 1.11 0.00	22.15 1.25 0.00	24.27 1.56 -0.17	26.27 1.74 -0.65	28.88 1.94 0.00	30.19 2.03 0.00	30.25 1.90 0.00	31.84 2.03 0.00	32.47 2.07 0.00	34.26 2.12 0.00	34.43 2.16 0.00	33.71 2.09 0.00	39.74 2.77 0.00	42.33 2.95 0.00	39.78 2.60 0.00	37.04 2.29 0.00	32.94 1.84 0.00	31.61 1.79 0.00	29.46 1.77 0.00	26.87 1.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.81 1.80 0.00	23.91 1.61 0.00	22.38 1.46 0.00	21.03 1.34 0.00	20.47 1.25 0.00	22.29 1.40 0.00	24.44 1.71 -0.18	26.59 2.03 -0.69	29.17 2.24 0.00	30.52 2.37 0.00	30.51 2.15 0.00	32.11 2.30 0.00	32.71 2.31 0.00	34.45 2.31 0.00	34.63 2.36 0.00	33.94 2.31 0.00	40.04 3.07 0.00	42.65 3.27 0.00	40.04 2.86 0.00	37.22 2.47 0.00	33.00 1.90 0.00	31.79 1.97 0.00	29.69 1.99 0.00	27.05 1.77 0.00
W50THST__13_KV_LOAD 356117	25.93 1.92 0.00	24.05 1.74 0.00	22.48 1.57 0.00	21.12 1.44 0.00	20.57 1.35 0.00	22.40 1.50 0.00	24.60 1.87 -0.18	26.76 2.20 -0.69	29.36 2.42 0.00	30.72 2.56 0.00	30.71 2.35 0.00	32.35 2.53 0.00	32.95 2.55 0.00	34.68 2.54 0.00	34.85 2.58 0.00	34.13 2.50 0.00	40.30 3.33 0.00	42.92 3.54 0.00	40.27 3.09 0.00	37.46 2.71 0.00	33.16 2.05 0.00	31.94 2.12 0.00	29.82 2.13 0.00	27.20 1.92 0.00
WADING RIVER_IC_1 23522	29.24 3.07 -2.16	25.15 2.83 -0.01	23.51 2.59 0.00	21.93 2.24 0.00	21.47 2.25 0.00	24.11 2.59 -0.63	26.59 2.93 -1.11	28.16 3.20 -1.09	30.17 3.23 0.00	30.78 2.62 0.00	30.54 2.18 0.00	31.99 2.18 0.00	33.07 2.68 0.00	35.26 3.12 -0.01	35.47 3.20 -0.01	34.80 3.16 -0.01	44.82 4.03 -3.83	43.96 4.25 -0.32	47.82 3.90 -6.74	38.42 3.61 -0.06	34.09 2.92 -0.06	32.48 2.65 0.00	30.07 2.38 0.00	27.98 2.60 -0.10
WADING RIVER_IC_2 23547	29.24 3.07 -2.16	25.15 2.83 -0.01	23.51 2.59 0.00	21.93 2.24 0.00	21.47 2.25 0.00	24.11 2.59 -0.63	26.59 2.93 -1.11	28.16 3.20 -1.09	30.17 3.23 0.00	30.78 2.62 0.00	30.54 2.18 0.00	31.99 2.18 0.00	33.07 2.68 0.00	35.26 3.12 -0.01	35.47 3.20 -0.01	34.80 3.16 -0.01	44.82 4.03 -3.83	43.96 4.25 -0.32	47.82 3.90 -6.74	38.42 3.61 -0.06	34.09 2.92 -0.06	32.48 2.65 0.00	30.07 2.38 0.00	27.98 2.60 -0.10
WADING RIVER_IC_3 23601	29.24 3.07 -2.16	25.15 2.83 -0.01	23.51 2.59 0.00	21.93 2.24 0.00	21.47 2.25 0.00	24.11 2.59 -0.63	26.59 2.93 -1.11	28.16 3.20 -1.09	30.17 3.23 0.00	30.78 2.62 0.00	30.54 2.18 0.00	31.99 2.18 0.00	33.07 2.68 0.00	35.26 3.12 -0.01	35.47 3.20 -0.01	34.80 3.16 -0.01	44.82 4.03 -3.83	43.96 4.25 -0.32	47.82 3.90 -6.74	38.42 3.61 -0.06	34.09 2.92 -0.06	32.48 2.65 0.00	30.07 2.38 0.00	27.98 2.60 -0.10
WALDENNY_I2_KV_BK2 80841	24.85 0.84 0.00	22.91 0.60 0.00	21.37 0.46 0.00	19.96 0.28 0.00	19.59 0.37 0.00	21.25 0.36 0.00	22.87 0.29 -0.03	23.94 -0.05 -0.11	27.07 0.13 0.00	28.27 0.11 0.00	28.61 0.26 0.00	30.20 0.39 0.00	30.95 0.55 0.00	32.65 0.51 0.00	32.82 0.55 0.00	32.13 0.51 0.00	37.08 0.11 0.00	39.34 -0.04 0.00	37.37 0.19 0.00	35.10 0.35 0.00	31.94 0.84 0.00	30.60 0.78 0.00	28.25 0.55 0.00	26.03 0.76 0.00
WALDEN___HYDRO 24148	25.57 1.56 0.00	23.71 1.41 0.00	22.29 1.38 0.00	20.83 1.14 0.00	20.28 1.06 0.00	22.12 1.23 0.00	24.14 1.42 -0.17	26.07 1.53 -0.66	28.61 1.67 0.00	29.90 1.75 0.00	30.00 1.64 0.00	31.57 1.76 0.00	32.13 1.73 0.00	33.97 1.83 0.00	34.11 1.84 0.00	33.43 1.80 0.00	39.41 2.44 0.00	41.98 2.60 0.00	39.49 2.31 0.00	36.83 2.08 0.00	32.75 1.65 0.00	31.46 1.64 0.00	29.33 1.63 0.00	26.77 1.49 0.00
WARRENSBURG____ 23737	26.21 2.02 -0.18	24.09 1.79 0.00	22.63 1.72 0.00	21.20 1.52 0.00	20.68 1.46 0.00	22.61 1.71 0.00	24.90 1.98 -0.37	30.47 2.10 -4.49	29.46 2.51 -0.02	30.69 2.54 0.00	30.68 2.33 0.00	31.96 2.15 0.00	32.37 1.97 0.00	34.39 2.25 0.00	34.47 2.20 0.00	33.75 2.12 0.00	39.45 2.48 0.00	42.06 2.68 0.00	40.08 2.90 0.00	37.46 2.71 0.00	33.75 2.64 0.00	32.24 2.41 0.00	29.93 2.24 0.00	27.30 2.02 0.00
WATERSIDE___6 8 9 23538	25.91 1.90 0.00	24.00 1.70 0.00	22.46 1.55 0.00	21.08 1.40 0.00	20.53 1.31 0.00	22.33 1.44 0.00	24.48 1.76 -0.18	26.66 2.10 -0.69	29.23 2.29 0.00	30.58 2.42 0.00	30.54 2.18 0.00	32.17 2.36 0.00	32.74 2.34 0.00	34.42 2.28 0.00	34.59 2.32 0.00	33.87 2.25 0.00	40.04 3.07 0.00	42.61 3.23 0.00	40.08 2.90 0.00	37.11 2.36 0.00	32.85 1.74 0.00	31.79 1.97 0.00	29.77 2.08 0.00	27.15 1.87 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.06 0.05 0.00	22.33 0.02 0.00	20.91 0.00 0.00	19.69 0.00 0.00	19.22 0.00 0.00	20.91 0.02 0.00	22.61 0.07 0.00	23.95 0.07 0.00	27.04 0.11 0.00	28.27 0.11 0.00	28.47 0.11 0.00	30.02 0.21 0.00	30.61 0.21 0.00	32.27 0.13 0.00	32.37 0.10 0.00	31.69 0.06 0.00	37.08 0.11 0.00	39.46 0.08 0.00	37.26 0.07 0.00	34.82 0.07 0.00	31.17 0.06 0.00	29.94 0.12 0.00	27.78 0.08 0.00	25.35 0.08 0.00
WATSON___69_KV_BK 1 55734	29.31 3.15 -2.16	25.19 2.88 0.00	23.46 2.55 0.00	21.97 2.28 0.00	21.40 2.17 0.00	24.08 2.57 -0.62	26.60 2.98 -1.08	28.23 3.30 -1.06	30.09 3.15 0.00	31.17 3.01 0.00	31.13 2.78 0.00	32.95 3.13 0.00	33.80 3.40 0.00	35.97 3.82 0.00	36.21 3.94 0.00	35.52 3.89 0.00	45.37 4.81 -3.60	44.83 5.16 -0.30	45.46 4.68 -3.59	39.12 4.34 -0.03	34.76 3.64 -0.02	33.11 3.28 0.00	30.77 3.07 0.00	28.53 3.16 -0.10
WDELAWARE___HYD 323627	25.23 1.22 0.00	23.40 1.09 0.00	21.98 1.07 0.00	20.55 0.87 0.00	20.01 0.79 0.00	21.81 0.92 0.00	23.78 1.08 -0.16	25.67 1.19 -0.59	28.23 1.29 0.00	29.54 1.38 0.00	29.66 1.31 0.00	31.10 1.28 0.00	31.65 1.25 0.00	33.58 1.45 0.00	33.76 1.49 0.00	33.08 1.46 0.00	39.00 2.03 0.00	41.50 2.13 0.00	39.08 1.90 0.00	36.45 1.70 0.00	32.41 1.31 0.00	31.02 1.19 0.00	28.99 1.30 0.00	26.46 1.19 0.00
WEST BABYLON___IC 23714	29.07 2.91 -2.15	24.94 2.63 0.00	23.26 2.34 0.00	21.77 2.09 0.00	21.20 1.98 0.00	23.85 2.34 -0.62	26.33 2.73 -1.06	27.95 3.03 -1.04	29.90 2.96 0.00	30.97 2.82 0.00	30.96 2.61 0.00	32.74 2.92 0.00	33.56 3.16 0.00	35.67 3.54 0.00	35.92 3.65 0.00	35.23 3.61 0.00	42.78 4.51 -1.30	44.46 4.80 -0.27	42.77 4.39 -1.20	38.79 4.03 -0.01	34.47 3.36 0.00	32.84 3.01 0.00	30.57 2.88 0.00	28.33 2.96 -0.10
WEST CANADA___HYD 24049	24.06 0.05 0.00	22.35 0.04 0.00	20.96 0.04 0.00	19.71 0.02 0.00	19.24 0.02 0.00	20.93 0.04 0.00	22.63 0.09 0.00	23.95 0.07 0.00	27.02 0.08 0.00	28.27 0.11 0.00	28.44 0.09 0.00	29.93 0.12 0.00	30.52 0.12 0.00	32.23 0.10 0.00	32.37 0.10 0.00	31.72 0.10 0.00	37.08 0.11 0.00	39.50 0.12 0.00	37.29 0.11 0.00	34.85 0.10 0.00	31.20 0.09 0.00	29.95 0.12 0.00	27.78 0.08 0.00	25.35 0.08 0.00



WESTERN_NY_WIND 24143	25.04 1.03 0.00	23.16 0.85 0.00	21.56 0.65 0.00	20.12 0.43 0.00	19.74 0.52 0.00	21.43 0.54 0.00	23.04 0.47 -0.02	24.28 0.31 -0.09	27.23 0.30 0.00	28.44 0.28 0.00	28.78 0.43 0.00	30.50 0.69 0.00	31.25 0.85 0.00	32.84 0.71 0.00	32.98 0.71 0.00	32.26 0.63 0.00	37.19 0.22 0.00	39.66 0.28 0.00	37.81 0.63 0.00	35.38 0.63 0.00	32.29 1.18 0.00	31.08 1.25 0.00	28.63 0.94 0.00	26.24 0.96 0.00
WESTOVER___LESR 323668	24.83 0.62 -0.20	22.92 0.54 -0.08	21.33 0.42 0.00	20.02 0.33 0.00	19.57 0.35 0.00	21.29 0.40 0.00	23.18 0.50 -0.14	24.63 0.38 -0.37	27.71 0.51 -0.27	28.94 0.51 -0.27	29.21 0.57 -0.29	30.89 0.69 -0.39	31.45 0.73 -0.33	32.89 0.71 -0.05	33.04 0.77 0.00	32.42 0.79 0.00	37.74 0.78 0.00	40.17 0.79 0.00	38.00 0.74 -0.07	35.51 0.76 0.00	31.98 0.87 0.00	30.63 0.81 0.00	28.33 0.64 0.00	25.93 0.63 -0.02
WETHRSFD_WT_PWR 323626	24.71 0.70 0.00	22.80 0.49 0.00	21.31 0.40 0.00	19.88 0.20 0.00	19.53 0.31 0.00	21.21 0.31 0.00	22.85 0.27 -0.03	23.92 -0.07 -0.12	26.99 0.05 0.00	28.24 0.08 0.00	28.55 0.20 0.00	30.23 0.42 0.00	30.95 0.55 0.00	32.52 0.39 0.00	32.75 0.48 0.00	32.07 0.44 0.00	36.97 0.00 0.00	39.34 -0.04 0.00	37.37 0.19 0.00	34.99 0.24 0.00	31.91 0.81 0.00	30.69 0.87 0.00	28.30 0.61 0.00	25.98 0.71 0.00
WHAVSTOR_138KV_BK127 55557	25.55 1.54 0.00	23.71 1.41 0.00	22.17 1.25 0.00	20.83 1.14 0.00	20.28 1.06 0.00	22.08 1.19 0.00	24.21 1.49 -0.17	26.20 1.67 -0.65	28.79 1.86 0.00	30.10 1.94 0.00	30.17 1.81 0.00	31.75 1.94 0.00	32.37 1.98 0.00	34.13 1.99 0.00	34.34 2.07 0.00	33.62 1.99 0.00	39.63 2.66 0.00	42.21 2.84 0.00	39.64 2.45 0.00	36.90 2.15 0.00	32.82 1.71 0.00	31.53 1.70 0.00	29.38 1.69 0.00	26.79 1.52 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.55 1.54 0.00	23.71 1.41 0.00	22.17 1.25 0.00	20.83 1.14 0.00	20.28 1.06 0.00	22.08 1.19 0.00	24.21 1.49 -0.17	26.20 1.67 -0.65	28.79 1.86 0.00	30.10 1.94 0.00	30.17 1.81 0.00	31.75 1.94 0.00	32.37 1.98 0.00	34.13 1.99 0.00	34.34 2.07 0.00	33.62 1.99 0.00	39.63 2.66 0.00	42.21 2.84 0.00	39.64 2.45 0.00	36.90 2.15 0.00	32.82 1.71 0.00	31.53 1.70 0.00	29.38 1.69 0.00	26.79 1.52 0.00
WHITEHAL_115KV_TB1 80871	26.83 2.62 -0.20	24.56 2.25 0.00	23.00 2.09 0.00	21.62 1.93 0.00	21.05 1.83 0.00	23.00 2.11 0.00	25.47 2.55 -0.38	31.44 2.70 -4.86	30.22 3.26 -0.02	31.45 3.29 0.00	31.50 3.15 0.00	32.80 2.98 0.00	33.16 2.77 0.00	35.32 3.18 0.00	35.37 3.10 0.00	34.60 2.97 0.00	40.44 3.47 0.00	43.16 3.78 0.00	41.12 3.94 0.00	38.47 3.72 0.00	34.65 3.55 0.00	33.11 3.28 0.00	30.68 2.99 0.00	27.96 2.68 0.00
WHITEPLN_13_KV_LOAD 356215	25.81 1.80 0.00	23.96 1.65 0.00	22.40 1.48 0.00	21.04 1.36 0.00	20.51 1.29 0.00	22.33 1.44 0.00	24.48 1.76 -0.18	26.59 2.03 -0.68	29.20 2.26 0.00	30.55 2.39 0.00	30.57 2.21 0.00	32.41 2.59 0.00	33.01 2.61 0.00	34.58 2.44 0.00	34.75 2.48 0.00	34.03 2.40 0.00	40.15 3.18 0.00	42.73 3.35 0.00	40.16 2.97 0.00	37.39 2.64 0.00	33.19 2.08 0.00	31.88 2.06 0.00	29.71 2.02 0.00	27.10 1.82 0.00
WM_FLOYD_69_KV_BK2 356380	29.24 3.07 -2.16	25.13 2.81 -0.01	23.40 2.49 0.00	21.91 2.22 0.00	21.34 2.11 0.00	24.03 2.51 -0.63	26.59 2.93 -1.11	28.19 3.22 -1.09	29.76 2.83 0.00	30.86 2.70 0.00	30.68 2.33 0.00	32.50 2.68 0.00	33.32 2.92 0.00	35.49 3.34 -0.01	35.73 3.45 -0.01	35.02 3.38 -0.01	45.14 4.29 -3.88	44.27 4.57 -0.32	48.18 4.16 -6.84	38.63 3.82 -0.06	34.32 3.17 -0.04	32.72 2.89 0.00	30.32 2.63 0.00	28.20 2.83 -0.10
WOODARD___115KV_TB2 355635	24.24 -0.12 -0.35	22.31 -0.13 -0.13	20.72 -0.19 0.00	19.49 -0.20 0.00	19.03 -0.19 0.00	20.70 -0.19 0.00	22.71 -0.05 -0.21	24.24 -0.07 -0.43	27.39 -0.13 -0.59	28.65 -0.11 -0.61	28.94 -0.06 -0.64	30.70 0.03 -0.85	31.18 0.06 -0.72	32.24 0.00 -0.10	32.30 0.03 0.00	31.66 0.03 0.00	36.89 -0.07 0.00	39.22 -0.16 0.00	37.19 -0.15 -0.16	34.68 -0.07 0.00	31.14 0.03 0.00	29.86 0.03 0.00	27.61 -0.08 0.00	25.25 -0.08 -0.05
YORK___WARBASSE 23770	26.05 2.04 0.00	24.14 1.83 0.00	22.57 1.65 0.00	21.18 1.50 0.00	20.61 1.38 0.00	22.40 1.50 0.00	24.51 1.78 -0.18	26.71 2.15 -0.69	29.33 2.40 0.00	30.72 2.56 0.00	30.65 2.30 0.00	32.39 2.56 -0.01	32.95 2.55 0.00	34.61 2.47 0.00	34.79 2.52 0.00	34.09 2.47 0.00	40.26 3.29 0.00	42.84 3.47 0.00	40.27 3.09 0.00	37.25 2.50 0.00	32.97 1.87 0.00	31.97 2.15 0.00	29.94 2.24 0.00	27.30 2.02 0.00