

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/14/2024

Name	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
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	31.33	25.44	25.21	24.16	24.31	26.73	26.90	28.37	30.10	28.00	33.55	34.75	36.28	38.64	41.50	43.65	39.37	41.55	44.37	41.51	41.17	42.43	36.17	35.02
24138	1.63	1.08	0.92	0.87	0.88	1.12	1.42	1.79	2.04	2.04	2.07	2.78	3.01	3.12	3.35	3.63	3.75	3.78	3.78	3.34	3.13	3.23	2.50	2.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.26	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	31.37	25.49	25.27	24.21	24.36	26.77	26.93	28.38	30.09	27.98	33.51	34.71	36.24	38.60	41.46	43.62	39.34	41.51	44.34	41.52	41.21	42.46	36.21	35.06
24260	1.66	1.13	0.97	0.93	0.94	1.16	1.45	1.79	2.03	2.02	2.04	2.74	2.98	3.09	3.32	3.60	3.73	3.75	3.76	3.35	3.18	3.26	2.53	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.25	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	31.37	25.49	25.27	24.21	24.36	26.77	26.93	28.38	30.09	27.98	33.51	34.71	36.24	38.60	41.46	43.62	39.34	41.51	44.34	41.52	41.21	42.46	36.21	35.06
24261	1.66	1.13	0.97	0.93	0.94	1.16	1.45	1.79	2.03	2.02	2.04	2.74	2.98	3.09	3.32	3.60	3.73	3.75	3.76	3.35	3.18	3.26	2.53	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.25	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	31.88	25.90	25.84	24.78	24.99	27.36	27.41	28.73	30.17	27.66	27.55	33.78	35.12	37.45	40.45	42.97	38.52	40.82	44.44	41.94	41.94	43.11	36.68	35.57
24011	2.18	1.55	1.54	1.49	1.56	1.75	1.93	2.15	2.11	1.70	1.35	1.81	1.86	1.93	2.30	2.95	2.90	3.06	3.86	3.77	3.90	3.91	3.01	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.98	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	32.18	26.06	26.02	24.96	25.19	27.57	27.62	29.00	30.40	27.81	27.66	33.96	35.27	37.59	40.71	43.35	38.90	41.25	45.01	42.46	42.45	43.62	37.08	35.97
23798	2.47	1.71	1.73	1.67	1.77	1.95	2.14	2.41	2.34	1.85	1.45	1.99	2.01	2.07	2.56	3.33	3.29	3.49	4.42	4.29	4.42	4.42	3.41	3.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.98	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	31.88	25.90	25.84	24.78	24.99	27.36	27.41	28.73	30.17	27.66	27.55	33.78	35.12	37.45	40.45	42.97	38.52	40.82	44.44	41.94	41.94	43.11	36.68	35.57
24028	2.18	1.55	1.54	1.49	1.56	1.75	1.93	2.15	2.11	1.70	1.35	1.81	1.86	1.93	2.30	2.95	2.90	3.06	3.86	3.77	3.90	3.91	3.01	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.98	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	31.04	25.51	25.45	24.42	24.58	26.90	26.85	27.94	29.39	27.02	27.18	32.89	34.23	36.47	38.93	40.68	36.63	38.77	41.97	39.92	39.89	41.20	35.19	34.31
23527	1.34	1.15	1.15	1.13	1.15	1.28	1.37	1.36	1.33	1.06	0.76	0.93	0.97	0.95	0.78	0.66	1.02	1.01	1.38	1.75	1.85	2.00	1.52	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	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	29.79	24.39	24.29	23.30	23.44	25.66	25.69	26.83	28.28	26.15	26.32	32.07	33.45	35.69	38.28	40.23	36.14	38.17	41.06	38.72	38.59	39.77	33.96	32.96
24190	0.08	0.03	-0.01	0.01	0.02	0.04	0.20	0.24	0.22	0.19	0.08	0.10	0.18	0.17	0.13	0.21	0.53	0.41	0.47	0.55	0.56	0.57	0.29	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	29.70	24.51	24.51	23.50	23.60	25.73	25.46	26.48	27.90	25.74	25.11	31.76	32.88	35.17	37.84	39.56	51.17	36.84	39.65	37.29	37.34	38.38	33.10	32.07
355683	0.00	0.15	0.21	0.21	0.17	0.11	-0.02	-0.10	-0.16	-0.21	-0.12	-0.21	-0.39	-0.34	-0.30	-0.47	-1.06	-0.93	-0.93	-0.88	-0.69	-0.82	-0.57	-0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.61	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR	30.44	24.92	24.85	23.83	23.97	26.24	26.22	27.31	28.58	26.31	26.35	32.18	33.53	35.81	38.46	40.72	36.78	38.91	41.87	39.53	39.46	40.63	34.72	33.66
323833	0.73	0.56	0.55	0.54	0.54	0.62	0.74	0.72	0.53	0.36	0.22	0.21	0.26	0.30	0.31	0.70	1.16	1.14	1.28	1.36	1.42	1.43	1.04	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR	30.43	24.92	24.84	23.83	23.96	26.23	26.21	27.30	28.58	26.31	26.35	32.18	33.52	35.81	38.45	40.70	36.76	38.88	41.85	39.52	39.44	40.62	34.71	33.65
323834	0.72	0.56	0.54	0.54	0.53	0.61	0.73	0.72	0.52	0.36	0.22	0.21	0.26	0.29	0.30	0.68	1.15	1.12	1.26	1.35	1.40	1.42	1.04	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.90	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	29.79	24.39	24.29	23.30	23.44	25.66	25.69	26.83	28.28	26.15	26.32	32.07	33.45	35.69	38.28	40.23	36.14	38.17	41.06	38.72	38.59	39.77	33.96	32.96
23571	0.08	0.03	-0.01	0.01	0.02	0.04	0.20	0.24	0.22	0.19	0.08	0.10	0.18	0.17	0.13	0.21	0.53	0.41	0.47	0.55	0.56	0.57	0.29	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	29.79 0.08 0.00	24.39 0.03 0.00	24.29 -0.01 0.00	23.30 0.01 0.00	23.44 0.02 0.00	25.66 0.04 0.00	25.69 0.20 0.00	26.83 0.24 0.00	28.28 0.22 0.00	26.15 0.19 0.00	26.32 0.08 -1.02	32.07 0.10 0.00	33.45 0.18 0.00	35.69 0.17 0.00	38.28 0.13 0.00	40.23 0.21 0.00	36.14 0.53 0.00	38.17 0.41 0.00	41.06 0.47 0.00	38.72 0.55 0.00	38.59 0.56 0.00	39.77 0.57 0.00	33.96 0.29 0.00	32.96 0.35 0.00
ALBANY___3 23573	29.79 0.08 0.00	24.39 0.03 0.00	24.29 -0.01 0.00	23.30 0.01 0.00	23.44 0.02 0.00	25.66 0.04 0.00	25.69 0.20 0.00	26.83 0.24 0.00	28.28 0.22 0.00	26.15 0.19 0.00	26.32 0.08 -1.02	32.07 0.10 0.00	33.45 0.18 0.00	35.69 0.17 0.00	38.28 0.13 0.00	40.23 0.21 0.00	36.14 0.53 0.00	38.17 0.41 0.00	41.06 0.47 0.00	38.72 0.55 0.00	38.59 0.56 0.00	39.77 0.57 0.00	33.96 0.29 0.00	32.96 0.35 0.00
ALBANY___4 23574	29.79 0.08 0.00	24.39 0.03 0.00	24.29 -0.01 0.00	23.30 0.01 0.00	23.44 0.02 0.00	25.66 0.04 0.00	25.69 0.20 0.00	26.83 0.24 0.00	28.28 0.22 0.00	26.15 0.19 0.00	26.32 0.08 -1.02	32.07 0.10 0.00	33.45 0.18 0.00	35.69 0.17 0.00	38.28 0.13 0.00	40.23 0.21 0.00	36.14 0.53 0.00	38.17 0.41 0.00	41.06 0.47 0.00	38.72 0.55 0.00	38.59 0.56 0.00	39.77 0.57 0.00	33.96 0.29 0.00	32.96 0.35 0.00
ALBANY___LFGE 323615	30.12 0.42 0.00	24.66 0.31 0.00	24.56 0.26 0.00	23.58 0.28 0.00	23.70 0.28 0.00	25.95 0.33 0.00	25.98 0.50 0.00	27.15 0.57 0.00	28.61 0.56 0.00	26.45 0.50 0.00	26.62 0.38 -1.02	32.47 0.50 0.00	33.87 0.60 0.00	36.15 0.64 0.00	38.79 0.64 0.00	40.78 0.76 0.00	36.61 1.00 0.00	38.65 0.89 0.00	41.57 0.98 0.00	39.19 1.03 0.00	39.07 1.03 0.00	40.24 1.04 0.00	34.37 0.69 0.00	33.33 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	29.79 0.08 0.00	24.58 0.23 0.00	24.59 0.29 0.00	23.57 0.28 0.00	23.67 0.25 0.00	25.82 0.20 0.00	25.55 0.06 0.00	26.55 -0.03 0.00	27.96 -0.09 0.00	25.78 -0.17 0.00	25.14 -0.08 0.00	31.79 -0.18 0.00	32.90 -0.37 0.00	35.20 -0.32 0.00	37.88 -0.27 0.00	39.56 -0.47 0.00	61.21 -1.28 -26.87	36.66 -1.11 0.00	39.50 -1.09 0.00	37.19 -0.98 0.00	37.47 -0.57 0.00	38.49 -0.72 0.00	33.18 -0.50 0.00	32.13 -0.48 0.00
ALCOA_RYNLDS___DRP 24188	29.79 0.08 0.00	24.58 0.23 0.00	24.59 0.29 0.00	23.57 0.28 0.00	23.67 0.25 0.00	25.82 0.20 0.00	25.55 0.06 0.00	26.55 -0.03 0.00	27.96 -0.09 0.00	25.78 -0.17 0.00	25.14 -0.08 0.00	31.79 -0.18 0.00	32.90 -0.37 0.00	35.20 -0.32 0.00	37.88 -0.27 0.00	39.56 -0.47 0.00	61.21 -1.28 -26.87	36.66 -1.11 0.00	39.50 -1.09 0.00	37.19 -0.98 0.00	37.47 -0.57 0.00	38.49 -0.72 0.00	33.18 -0.50 0.00	32.13 -0.48 0.00
ALCOA___DSASP 323711	29.79 0.08 0.00	24.58 0.23 0.00	24.59 0.29 0.00	23.57 0.28 0.00	23.67 0.25 0.00	25.82 0.20 0.00	25.55 0.06 0.00	26.55 -0.03 0.00	27.96 -0.09 0.00	25.78 -0.17 0.00	25.14 -0.08 0.00	31.79 -0.18 0.00	32.90 -0.37 0.00	35.20 -0.32 0.00	37.88 -0.27 0.00	39.56 -0.47 0.00	61.21 -1.28 -26.87	36.66 -1.11 0.00	39.50 -1.09 0.00	37.19 -0.98 0.00	37.47 -0.57 0.00	38.49 -0.72 0.00	33.18 -0.50 0.00	32.13 -0.48 0.00
ALLEGHENY___COGEN 23514	30.37 0.67 0.00	24.61 0.25 0.00	24.65 0.36 0.00	23.53 0.24 0.00	23.75 0.33 0.00	26.08 0.46 0.00	26.14 0.66 0.00	27.37 0.79 0.00	28.81 0.75 0.00	26.30 0.34 0.00	25.82 0.60 0.00	32.82 0.85 0.00	34.04 0.77 0.00	35.95 0.39 -0.05	38.43 -0.14 -0.42	40.12 -0.40 -0.50	35.96 -0.06 -0.40	38.48 0.29 -0.42	41.13 0.19 -0.35	39.30 0.86 -0.27	38.96 0.92 0.00	41.41 2.21 0.00	35.75 2.08 0.00	34.17 1.57 0.00
ALTAMONT_115KV_TB 2 55880	30.17 0.47 0.00	24.67 0.32 0.00	24.57 0.27 0.00	23.57 0.28 0.00	23.71 0.28 0.00	25.95 0.34 0.00	25.95 0.47 0.00	27.13 0.55 0.00	28.60 0.54 0.00	26.43 0.47 0.00	26.59 0.39 -0.98	32.47 0.50 0.00	33.85 0.58 0.00	36.12 0.60 0.00	38.78 0.63 0.00	40.79 0.77 0.00	36.60 0.98 0.00	38.67 0.91 0.00	41.58 0.99 0.00	39.18 1.01 0.00	39.05 1.01 0.00	40.25 1.05 0.00	34.41 0.73 0.00	33.36 0.76 0.00
ALTONA_WT_PWR 323606	30.27 0.57 0.00	24.92 0.56 0.00	24.96 0.66 0.00	23.91 0.62 0.00	24.11 0.69 0.00	26.36 0.75 0.00	26.15 0.67 0.00	27.15 0.57 0.00	28.74 0.68 0.00	26.53 0.57 0.00	25.99 0.77 0.00	33.08 1.12 0.00	34.26 0.99 0.00	36.54 1.02 0.00	38.98 0.84 0.00	40.43 0.41 0.00	27.02 -0.35 8.24	37.29 -0.48 0.00	40.48 -0.11 0.00	38.25 0.08 0.00	38.02 -0.02 0.00	38.92 -0.29 0.00	33.48 -0.19 0.00	31.61 -1.00 0.00
AMERICAN_REF_FUEL 24010	28.48 -1.23 0.00	23.13 -1.22 0.00	23.30 -0.99 0.00	22.27 -1.02 0.00	22.49 -0.94 0.00	24.57 -1.05 0.00	24.52 -0.96 0.00	25.66 -0.92 0.00	27.41 -0.65 0.00	25.28 -0.68 0.00	24.94 -0.28 0.00	31.64 -0.32 0.00	32.75 -0.52 0.00	34.53 -1.10 -0.11	37.89 -1.28 -1.03	39.91 -1.33 -1.22	35.65 -0.94 -0.98	38.24 -0.54 -1.01	40.45 -0.98 -0.84	37.89 -0.93 -0.65	36.78 -1.26 0.00	38.61 -0.60 0.00	33.37 -0.30 0.00	32.09 -0.52 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.60 -0.10 0.00	23.96 -0.39 0.00	24.09 -0.21 0.00	22.97 -0.32 0.00	23.26 -0.17 0.00	25.55 -0.07 0.00	25.56 0.08 0.00	26.91 0.32 0.00	28.72 0.66 0.00	26.48 0.52 0.00	26.09 0.87 0.00	33.19 1.23 0.00	34.45 1.19 0.00	36.80 0.91 -0.38	42.47 0.84 -3.48	45.20 1.06 -4.12	40.27 1.35 -3.30	42.93 1.74 -3.42	44.84 1.42 -2.84	41.66 1.30 -2.19	38.83 0.80 0.00	40.70 1.50 0.00	34.92 1.25 0.00	33.34 0.73 0.00
ARTHUR KILL_GT_1 23520	31.20 1.50 0.00	25.37 1.02 0.00	25.16 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.78 1.30 0.00	28.15 1.56 0.00	29.80 1.74 0.00	27.65 1.69 0.00	33.13 1.66 -6.25	34.35 2.31 -0.07	35.83 2.49 -0.08	38.12 2.60 0.00	40.97 2.82 0.00	43.02 3.00 0.00	38.92 3.30 0.00	40.94 3.27 0.09	43.82 3.23 0.01	41.27 3.10 0.00	41.00 2.97 0.00	42.29 3.09 0.00	36.17 2.49 0.00	34.97 2.35 0.00
ARTHUR_KILL_2 23512	31.10 1.39 0.00	25.29 0.94 0.00	25.08 0.78 0.00	24.04 0.75 0.00	24.18 0.75 0.00	26.58 0.96 0.00	26.70 1.21 0.00	28.06 1.48 0.00	29.71 1.65 0.00	27.56 1.61 0.00	33.05 1.58 -6.25	34.24 2.20 -0.07	35.72 2.38 -0.08	37.99 2.48 0.00	40.82 2.67 0.00	42.87 2.85 0.00	38.77 3.16 0.00	40.78 3.10 0.09	43.65 3.07 0.01	41.11 2.94 0.00	40.84 2.80 0.00	42.13 2.93 0.00	36.03 2.35 0.00	34.85 2.24 0.00
ARTHUR_KILL_3 23513	31.03 1.33 0.00	25.22 0.86 0.00	25.01 0.71 0.00	23.97 0.68 0.00	24.11 0.68 0.00	26.48 0.86 0.00	26.62 1.14 0.00	28.02 1.44 0.00	29.70 1.64 0.00	27.60 1.64 0.00	33.15 1.67 -6.25	34.33 2.30 -0.07	35.86 2.52 -0.08	38.12 2.61 0.00	40.94 2.79 0.00	43.02 3.00 0.00	38.82 3.21 0.00	40.96 3.20 0.00	43.78 3.19 0.00	40.98 2.81 0.00	40.65 2.61 0.00	41.88 2.68 0.00	35.76 2.09 0.00	34.67 2.06 0.00

ARTHUR_KILL_COGEN 323718	31.20 1.50 0.00	25.37 1.02 0.00	25.16 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.78 1.30 0.00	28.15 1.56 0.00	29.80 1.74 0.00	27.65 1.69 0.00	33.13 1.66 -6.25	34.35 2.31 -0.07	35.83 2.49 -0.08	38.12 2.60 0.00	40.97 2.82 0.00	43.02 3.00 0.00	38.92 3.30 0.00	40.94 3.27 0.09	43.82 3.23 0.01	41.27 3.10 0.00	41.00 2.97 0.00	42.29 3.09 0.00	36.17 2.49 0.00	34.97 2.35 0.00
ASHOKAN____ 23654	30.96 1.26 0.00	25.28 0.92 0.00	25.15 0.85 0.00	24.10 0.81 0.00	24.25 0.82 0.00	26.59 0.98 0.00	26.67 1.19 0.00	27.92 1.33 0.00	29.35 1.30 0.00	26.99 1.04 0.00	26.03 0.81 0.00	32.94 0.97 0.00	34.46 1.19 0.00	36.85 1.33 0.00	39.58 1.43 0.00	41.84 1.82 0.00	38.07 2.45 0.00	40.49 2.73 0.00	43.43 2.84 0.00	40.98 2.81 0.00	40.84 2.81 0.00	41.89 2.69 0.00	35.60 1.92 0.00	34.36 1.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.18 1.48 0.00	25.38 1.03 0.00	25.14 0.84 0.00	24.14 0.84 0.00	24.26 0.83 0.00	26.67 1.05 0.00	26.81 1.32 0.00	28.20 1.61 0.00	29.84 1.78 0.00	27.76 1.80 0.00	33.28 1.80 -6.26	34.36 2.39 -0.01	35.84 2.57 0.00	38.16 2.65 0.00	41.06 2.91 0.00	43.14 3.12 0.00	38.88 3.26 0.00	41.05 3.28 0.00	43.86 3.27 0.00	41.15 2.98 0.00	40.84 2.81 0.00	42.10 2.89 0.00	35.91 2.23 0.00	34.83 2.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.18 1.48 0.00	25.38 1.03 0.00	25.14 0.84 0.00	24.14 0.84 0.00	24.26 0.83 0.00	26.67 1.05 0.00	26.81 1.32 0.00	28.20 1.61 0.00	29.84 1.78 0.00	27.76 1.80 0.00	33.28 1.80 -6.26	34.36 2.39 -0.01	35.84 2.57 0.00	38.16 2.65 0.00	41.06 2.91 0.00	43.14 3.12 0.00	38.88 3.26 0.00	41.05 3.28 0.00	43.86 3.27 0.00	41.15 2.98 0.00	40.84 2.81 0.00	42.10 2.89 0.00	35.91 2.23 0.00	34.83 2.22 0.00
ASTORIA_GT2_1 24094	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT2_2 24095	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT2_3 24096	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT2_4 24097	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT3_1 24098	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT3_2 24099	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT3_3 24100	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT3_4 24101	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT4_1 24102	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT4_2 24103	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT4_3 24104	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00

ASTORIA_GT4_4 24105	31.20 1.50 0.00	25.39 1.03 0.00	25.16 0.86 0.00	24.14 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.33 0.00	28.21 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.25	34.38 2.41 0.00	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.15 0.00	38.90 3.29 0.00	41.07 3.31 0.00	43.88 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA_GT_1 23523	31.26 1.55 0.00	25.44 1.08 0.00	25.20 0.90 0.00	24.20 0.90 0.00	24.31 0.88 0.00	26.73 1.10 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.92 1.87 0.00	27.83 1.87 0.00	33.36 1.88 -6.26	34.47 2.50 -0.01	35.96 2.69 0.00	38.27 2.76 0.00	41.18 3.03 0.00	43.26 3.24 0.00	39.00 3.38 0.00	41.19 3.42 0.00	44.00 3.41 0.00	41.28 3.11 0.00	40.96 2.92 0.00	42.22 3.02 0.00	36.02 2.34 0.00	34.92 2.31 0.00
ASTORIA_GT_10 24110	31.18 1.48 0.00	25.35 1.00 0.00	25.14 0.84 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.78 1.30 0.00	28.20 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.84 -6.25	34.73 2.50 -0.27	36.25 2.69 -0.30	38.30 2.78 0.00	41.17 3.02 0.00	43.26 3.24 0.00	39.02 3.41 0.00	41.17 3.40 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.87 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.84 2.24 0.00
ASTORIA_GT_11 24225	31.18 1.48 0.00	25.35 1.00 0.00	25.14 0.84 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.78 1.30 0.00	28.20 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.84 -6.25	34.73 2.50 -0.27	36.25 2.69 -0.30	38.30 2.78 0.00	41.17 3.02 0.00	43.26 3.24 0.00	39.02 3.41 0.00	41.17 3.40 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.87 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.84 2.24 0.00
ASTORIA_GT_12 24226	31.18 1.48 0.00	25.35 1.00 0.00	25.14 0.84 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.78 1.30 0.00	28.20 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.84 -6.25	34.73 2.50 -0.27	36.25 2.69 -0.30	38.30 2.78 0.00	41.17 3.02 0.00	43.26 3.24 0.00	39.02 3.41 0.00	41.17 3.40 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.87 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.84 2.24 0.00
ASTORIA_GT_13 24227	31.18 1.48 0.00	25.35 1.00 0.00	25.14 0.84 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.78 1.30 0.00	28.20 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.84 -6.25	34.73 2.50 -0.27	36.25 2.69 -0.30	38.30 2.78 0.00	41.17 3.02 0.00	43.26 3.24 0.00	39.02 3.41 0.00	41.17 3.40 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.87 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.84 2.24 0.00
ASTORIA_GT_5 24106	31.26 1.55 0.00	25.43 1.08 0.00	25.21 0.91 0.00	24.19 0.90 0.00	24.31 0.88 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.92 1.87 0.00	27.83 1.87 0.00	33.35 1.88 -6.25	34.46 2.49 0.00	35.96 2.69 0.00	38.27 2.76 0.00	41.18 3.03 0.00	43.28 3.25 0.00	39.00 3.38 0.00	41.19 3.42 0.00	44.00 3.41 0.00	41.28 3.11 0.00	40.97 2.93 0.00	42.22 3.02 0.00	36.01 2.34 0.00	34.92 2.31 0.00
ASTORIA_GT_7 24107	31.26 1.55 0.00	25.43 1.08 0.00	25.21 0.91 0.00	24.19 0.90 0.00	24.31 0.88 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.92 1.87 0.00	27.83 1.87 0.00	33.35 1.88 -6.25	34.46 2.49 0.00	35.96 2.69 0.00	38.27 2.76 0.00	41.18 3.03 0.00	43.28 3.25 0.00	39.00 3.38 0.00	41.19 3.42 0.00	44.00 3.41 0.00	41.28 3.11 0.00	40.97 2.93 0.00	42.22 3.02 0.00	36.01 2.34 0.00	34.92 2.31 0.00
ASTORIA_GT_8 24108	31.26 1.55 0.00	25.43 1.08 0.00	25.21 0.91 0.00	24.19 0.90 0.00	24.31 0.88 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.92 1.87 0.00	27.83 1.87 0.00	33.35 1.88 -6.25	34.46 2.49 0.00	35.96 2.69 0.00	38.27 2.76 0.00	41.18 3.03 0.00	43.28 3.25 0.00	39.00 3.38 0.00	41.19 3.42 0.00	44.00 3.41 0.00	41.28 3.11 0.00	40.97 2.93 0.00	42.22 3.02 0.00	36.01 2.34 0.00	34.92 2.31 0.00
ASTORIA___2 24149	31.20 1.49 0.00	25.39 1.04 0.00	25.15 0.86 0.00	24.15 0.86 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.82 1.33 0.00	28.22 1.63 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.29 1.81 -6.26	34.38 2.41 -0.01	35.86 2.59 0.00	38.19 2.68 0.00	41.07 2.92 0.00	43.17 3.14 0.00	38.91 3.29 0.00	41.07 3.31 0.00	43.87 3.29 0.00	41.18 3.01 0.00	40.87 2.83 0.00	42.11 2.91 0.00	35.93 2.26 0.00	34.84 2.23 0.00
ASTORIA___3 23516	31.18 1.48 0.00	25.36 1.00 0.00	25.13 0.83 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.79 1.30 0.00	28.21 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.85 -6.26	34.75 2.51 -0.27	36.26 2.69 -0.30	38.29 2.78 0.00	41.17 3.02 0.00	43.25 3.23 0.00	39.02 3.40 0.00	41.16 3.39 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.87 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.85 2.24 0.00
ASTORIA___4 23517	31.18 1.48 0.00	25.35 1.00 0.00	25.14 0.84 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.78 1.30 0.00	28.20 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.84 -6.25	34.73 2.50 -0.27	36.25 2.69 -0.30	38.30 2.78 0.00	41.17 3.02 0.00	43.26 3.24 0.00	39.02 3.41 0.00	41.17 3.40 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.87 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.84 2.24 0.00
ASTORIA___5 23518	31.18 1.47 0.00	25.36 1.00 0.00	25.13 0.83 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.79 1.30 0.00	28.21 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.85 -6.26	34.74 2.50 -0.27	36.26 2.69 -0.30	38.29 2.78 0.00	41.17 3.02 0.00	43.25 3.23 0.00	39.02 3.40 0.00	41.16 3.39 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.86 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.85 2.24 0.00
AST_ENERGY_2_CC3 323677	31.07 1.37 0.00	25.25 0.90 0.00	25.03 0.73 0.00	23.99 0.70 0.00	24.13 0.70 0.00	26.51 0.90 0.00	26.66 1.18 0.00	28.08 1.49 0.00	29.76 1.71 0.00	27.67 1.71 0.00	33.21 1.73 -6.25	34.32 2.36 0.00	35.83 2.56 0.00	38.17 2.66 0.00	41.00 2.86 0.00	43.11 3.09 0.00	38.88 3.27 0.00	41.02 3.26 0.00	43.83 3.24 0.00	41.05 2.88 0.00	40.72 2.69 0.00	41.97 2.77 0.00	35.82 2.14 0.00	34.70 2.09 0.00
AST_ENERGY_2_CC4 323678	31.07 1.37 0.00	25.25 0.90 0.00	25.03 0.73 0.00	23.99 0.70 0.00	24.13 0.70 0.00	26.51 0.90 0.00	26.66 1.18 0.00	28.08 1.49 0.00	29.76 1.71 0.00	27.67 1.71 0.00	33.21 1.73 -6.25	34.32 2.36 0.00	35.83 2.56 0.00	38.17 2.66 0.00	41.00 2.86 0.00	43.11 3.09 0.00	38.88 3.27 0.00	41.02 3.26 0.00	43.83 3.24 0.00	41.05 2.88 0.00	40.72 2.69 0.00	41.97 2.77 0.00	35.82 2.14 0.00	34.70 2.09 0.00

ATHENS_STG_1 23668	30.24 0.53 0.00	24.68 0.32 0.00	24.55 0.25 0.00	23.53 0.24 0.00	23.67 0.24 0.00	25.94 0.33 0.00	25.98 0.49 0.00	27.23 0.64 0.00	28.76 0.70 0.00	26.62 0.66 0.00	27.19 0.63 -1.34	32.82 0.85 0.00	34.23 0.96 0.00	36.51 0.99 0.00	39.17 1.02 0.00	41.17 1.15 0.00	36.98 1.37 0.00	39.06 1.30 0.00	41.92 1.34 0.00	39.44 1.27 0.00	39.27 1.23 0.00	40.47 1.27 0.00	34.58 0.90 0.00	33.54 0.93 0.00
ATHENS_STG_2 23670	30.24 0.53 0.00	24.68 0.32 0.00	24.55 0.25 0.00	23.53 0.24 0.00	23.67 0.24 0.00	25.94 0.33 0.00	25.98 0.49 0.00	27.23 0.64 0.00	28.76 0.70 0.00	26.62 0.66 0.00	27.19 0.63 -1.34	32.82 0.85 0.00	34.23 0.96 0.00	36.51 0.99 0.00	39.17 1.02 0.00	41.17 1.15 0.00	36.98 1.37 0.00	39.06 1.30 0.00	41.92 1.34 0.00	39.44 1.27 0.00	39.27 1.23 0.00	40.47 1.27 0.00	34.58 0.90 0.00	33.54 0.93 0.00
ATHENS_STG_3 23677	30.24 0.53 0.00	24.68 0.32 0.00	24.55 0.25 0.00	23.53 0.24 0.00	23.67 0.24 0.00	25.94 0.33 0.00	25.98 0.49 0.00	27.23 0.64 0.00	28.76 0.70 0.00	26.62 0.66 0.00	27.19 0.63 -1.34	32.82 0.85 0.00	34.23 0.96 0.00	36.51 0.99 0.00	39.17 1.02 0.00	41.17 1.15 0.00	36.98 1.37 0.00	39.06 1.30 0.00	41.92 1.34 0.00	39.44 1.27 0.00	39.27 1.23 0.00	40.47 1.27 0.00	34.58 0.90 0.00	33.54 0.93 0.00
AUBURN___LFGE 323710	29.80 0.10 0.00	24.31 -0.04 0.00	24.25 -0.05 0.00	23.23 -0.06 0.00	23.41 -0.01 0.00	25.66 0.04 0.00	25.60 0.12 0.00	26.70 0.12 0.00	28.10 0.04 0.00	25.94 -0.02 0.00	25.26 0.04 0.00	32.11 0.14 0.00	33.47 0.20 0.00	35.71 0.19 0.00	38.33 0.18 0.00	40.27 0.25 0.00	33.84 0.49 2.26	38.43 0.67 0.00	41.36 0.77 0.00	38.99 0.82 0.00	38.68 0.64 0.00	39.93 0.73 0.00	34.16 0.49 0.00	32.94 0.34 0.00
BABYLON_RES_REC 323704	32.32 1.90 -0.71	25.69 1.34 0.00	25.34 1.04 0.00	24.23 0.94 0.00	24.40 0.98 0.00	26.85 1.23 0.00	27.00 1.52 0.00	28.53 1.95 0.00	30.17 2.11 0.00	28.05 2.09 0.00	33.89 2.14 -6.53	34.47 2.51 0.00	35.92 2.65 0.00	38.20 2.68 0.00	40.89 2.74 0.00	43.02 3.00 0.00	38.74 3.13 0.00	40.95 3.19 0.00	43.73 3.14 0.00	41.05 2.88 0.00	41.82 3.01 -0.76	42.39 3.19 0.00	36.36 2.69 0.00	35.12 2.51 0.00
BABYLON__69_KV_BK2 356345	32.64 2.22 -0.71	25.95 1.59 0.00	25.58 1.28 0.00	24.45 1.16 0.00	24.63 1.20 0.00	27.10 1.48 0.00	27.26 1.78 0.00	28.81 2.22 0.00	30.48 2.42 0.00	28.36 2.40 0.00	34.20 2.45 -6.53	35.04 3.07 0.00	36.64 3.38 0.00	39.05 3.54 0.00	41.91 3.77 0.00	44.10 4.08 0.00	39.71 4.09 0.00	41.97 4.20 0.00	44.80 4.21 0.00	42.07 3.90 0.00	42.69 3.89 -0.76	43.17 3.96 0.00	36.77 3.10 0.00	35.46 2.85 0.00
BALL_HILL_WT_PWR 323825	29.25 -0.46 0.00	23.70 -0.65 0.00	23.83 -0.47 0.00	22.75 -0.54 0.00	22.99 -0.43 0.00	25.22 -0.40 0.00	25.22 -0.27 0.00	26.49 -0.09 0.00	28.28 0.22 0.00	26.08 0.13 0.00	25.71 0.49 0.00	32.67 0.71 0.00	33.90 0.63 0.00	36.27 0.31 -0.44	42.44 0.22 -4.08	45.17 0.33 -4.82	40.14 0.67 -3.86	42.81 1.04 -4.00	44.58 0.67 -3.32	41.32 0.59 -2.56	38.17 0.13 0.00	40.01 0.81 0.00	34.39 0.71 0.00	32.92 0.31 0.00
BARON_WINDS___WT_PWR 323822	29.05 -0.65 0.00	23.53 -0.83 0.00	23.57 -0.73 0.00	22.45 -0.84 0.00	22.69 -0.74 0.00	24.97 -0.65 0.00	25.03 -0.45 0.00	26.26 -0.33 0.00	27.97 -0.09 0.00	25.80 -0.16 0.00	25.35 0.12 0.00	32.22 0.25 0.00	33.49 0.23 0.00	35.67 0.05 -0.11	39.03 -0.12 -1.00	41.15 -0.05 -1.18	36.91 0.35 -0.94	39.34 0.59 -0.98	41.67 0.27 -0.81	39.08 0.28 -0.63	37.91 -0.13 0.00	39.70 0.49 0.00	34.06 0.38 0.00	32.55 -0.06 0.00
BARRETT_IC_1 23704	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_10 23701	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_11 23702	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_12 23703	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_2 23705	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_3 23706	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_4 23707	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00

BARRETT_IC_5 23708	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_6 23709	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_7 23710	32.07 1.65 -0.71	25.49 1.13 0.00	25.18 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.65 0.00	29.84 1.78 0.00	27.76 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.92 2.66 0.00	38.20 2.69 0.00	40.93 2.78 0.00	42.93 2.91 0.00	38.69 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.36 0.00	34.82 2.21 0.00
BARRETT_IC_8 23711	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT_IC_9 23700	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT___1 23545	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BARRETT___2 23546	32.07 1.65 -0.71	25.49 1.13 0.00	25.17 0.88 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.67 1.05 0.00	26.77 1.29 0.00	28.23 1.64 0.00	29.84 1.78 0.00	27.77 1.81 0.00	33.69 1.93 -6.53	34.39 2.43 0.00	35.93 2.66 0.00	38.21 2.69 0.00	40.93 2.79 0.00	42.93 2.91 0.00	38.68 3.07 0.00	40.88 3.12 0.00	43.65 3.06 0.00	40.94 2.77 0.00	41.51 2.71 -0.76	42.11 2.91 0.00	36.03 2.35 0.00	34.82 2.21 0.00
BATAVIA___115KV_TB1 55881	29.80 0.09 0.00	24.18 -0.17 0.00	24.30 0.01 0.00	23.22 -0.07 0.00	23.44 0.02 0.00	25.66 0.04 0.00	25.66 0.18 0.00	26.90 0.32 0.00	28.65 0.59 0.00															

BAYONEEC___CTG7 323688	31.13 1.42 0.00	25.29 0.93 0.00	25.07 0.77 0.00	24.03 0.74 0.00	24.17 0.75 0.00	26.56 0.94 0.00	26.70 1.22 0.00	28.12 1.53 0.00	29.81 1.75 0.00	27.70 1.75 0.00	33.25 1.78 -6.25	34.38 2.41 0.00	35.89 2.62 0.00	38.23 2.71 0.00	41.06 2.91 0.00	43.18 3.15 0.00	38.94 3.32 0.00	41.08 3.32 0.00	43.89 3.31 0.00	41.10 2.93 0.00	40.78 2.74 0.00	42.03 2.83 0.00	35.88 2.21 0.00	34.77 2.16 0.00
BAYONEEC___CTG8 323689	31.13 1.42 0.00	25.29 0.93 0.00	25.07 0.77 0.00	24.03 0.74 0.00	24.17 0.75 0.00	26.56 0.94 0.00	26.70 1.22 0.00	28.12 1.53 0.00	29.81 1.75 0.00	27.70 1.75 0.00	33.25 1.78 -6.25	34.38 2.41 0.00	35.89 2.62 0.00	38.23 2.71 0.00	41.06 2.91 0.00	43.18 3.15 0.00	38.94 3.32 0.00	41.08 3.32 0.00	43.89 3.31 0.00	41.10 2.93 0.00	40.78 2.74 0.00	42.03 2.83 0.00	35.88 2.21 0.00	34.77 2.16 0.00
BAYONEEC___CTG9 323749	31.13 1.42 0.00	25.29 0.93 0.00	25.07 0.77 0.00	24.03 0.74 0.00	24.17 0.75 0.00	26.56 0.94 0.00	26.70 1.22 0.00	28.12 1.53 0.00	29.81 1.75 0.00	27.70 1.75 0.00	33.25 1.78 -6.25	34.38 2.41 0.00	35.89 2.62 0.00	38.23 2.71 0.00	41.06 2.91 0.00	43.18 3.15 0.00	38.94 3.32 0.00	41.08 3.32 0.00	43.89 3.31 0.00	41.10 2.93 0.00	40.78 2.74 0.00	42.03 2.83 0.00	35.88 2.21 0.00	34.77 2.16 0.00
BEACON___LESR 323632	30.27 0.56 0.00	24.70 0.35 0.00	24.54 0.24 0.00	23.56 0.27 0.00	23.74 0.32 0.00	25.98 0.36 0.00	26.08 0.60 0.00	27.25 0.66 0.00	28.74 0.68 0.00	26.52 0.56 0.00	26.74 0.49 -1.03	32.51 0.54 0.00	34.02 0.75 0.00	36.27 0.75 0.00	38.97 0.82 0.00	40.99 0.96 0.00	36.84 1.22 0.00	39.07 1.31 0.00	41.95 1.36 0.00	39.54 1.36 0.00	39.35 1.31 0.00	40.56 1.36 0.00	34.57 0.89 0.00	33.51 0.91 0.00
BEAVER RIVER___HYD 24048	29.30 -0.40 0.00	24.12 -0.23 0.00	24.14 -0.16 0.00	23.11 -0.18 0.00	23.24 -0.18 0.00	25.51 -0.11 0.00	25.37 -0.11 0.00	26.39 -0.19 0.00	27.77 -0.29 0.00	25.55 -0.40 0.00	24.77 -0.45 0.00	31.25 -0.71 0.00	32.38 -0.89 0.00	34.53 -0.98 0.00	37.03 -1.12 0.00	38.71 -1.31 0.00	-10.57 -1.21 44.97	36.87 -0.90 0.00	39.85 -0.73 0.00	37.75 -0.42 0.00	37.59 -0.44 0.00	38.25 -0.95 0.00	32.40 -1.27 0.00	31.39 -1.22 0.00
BEEBEE_GT_13 23619	29.45 -0.25 0.00	23.97 -0.39 0.00	24.02 -0.28 0.00	22.98 -0.31 0.00	23.17 -0.26 0.00	25.35 -0.26 0.00	25.30 -0.18 0.00	26.46 -0.12 0.00	28.12 0.06 0.00	26.00 0.04 0.00	25.50 0.28 0.00	32.41 0.45 0.00	33.71 0.44 0.00	35.76 0.24 0.00	38.38 0.24 0.00	40.33 0.31 0.00	36.17 0.55 0.00	38.67 0.91 0.00	41.41 0.82 0.00	38.91 0.74 0.00	38.43 0.40 0.00	39.93 0.73 0.00	34.26 0.58 0.00	32.93 0.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.51 1.80 0.00	25.60 1.24 0.00	25.37 1.07 0.00	24.31 1.02 0.00	24.45 1.02 0.00	26.87 1.26 0.00	27.02 1.54 0.00	28.44 1.85 0.00	30.15 2.09 0.00	28.02 2.06 0.00	33.55 2.08 -6.25	35.07 2.84 -0.27	36.61 3.05 -0.30	38.69 3.17 0.00	41.57 3.42 0.00	43.69 3.67 0.00	39.47 3.86 0.00	41.65 3.88 0.00	44.48 3.89 0.00	41.76 3.59 0.00	41.44 3.40 0.00	42.72 3.52 0.00	36.48 2.81 0.00	35.30 2.69 0.00
BETHLEHEM___GRP 23843	29.79 0.08 0.00	24.39 0.03 0.00	24.29 -0.01 0.00	23.30 0.01 0.00	23.44 0.02 0.00	25.66 0.04 0.00	25.69 0.20 0.00	26.83 0.24 0.00	28.28 0.22 0.00	26.15 0.19 0.00	26.32 0.08 -1.02	32.07 0.10 0.00	33.45 0.18 0.00	35.69 0.17 0.00	38.28 0.13 0.00	40.23 0.21 0.00	36.14 0.53 0.00	38.17 0.41 0.00	41.06 0.47 0.00	38.72 0.55 0.00	38.59 0.56 0.00	39.77 0.57 0.00	33.96 0.29 0.00	32.96 0.35 0.00
BETHLEHEM___GS1 323560	29.79 0.08 0.00	24.39 0.03 0.00	24.29 -0.01 0.00	23.30 0.01 0.00	23.45 0.02 0.00	25.66 0.04 0.00	25.69 0.20 0.00	26.83 0.25 0.00	28.28 0.22 0.00	26.15 0.19 0.00	26.32 0.08 -1.02	32.07 0.10 0.00	33.45 0.18 0.00	35.69 0.17 0.00	38.28 0.13 0.00	40.23 0.21 0.00	36.14 0.53 0.00	38.17 0.41 0.00	41.06 0.48 0.00	38.72 0.55 0.00	38.59 0.56 0.00	39.77 0.56 0.00	33.96 0.29 0.00	32.96 0.35 0.00
BETHLEHEM___GS2 323561	29.79 0.08 0.00	24.39 0.03 0.00	24.29 -0.01 0.00	23.30 0.01 0.00	23.45 0.02 0.00	25.66 0.04 0.00	25.69 0.20 0.00	26.83 0.25 0.00	28.28 0.22 0.00	26.15 0.19 0.00	26.32 0.08 -1.02	32.07 0.10 0.00	33.45 0.18 0.00	35.69 0.17 0.00	38.28 0.13 0.00	40.23 0.21 0.00	36.14 0.53 0.00	38.17 0.41 0.00	41.06 0.48 0.00	38.72 0.55 0.00	38.59 0.56 0.00	39.77 0.56 0.00	33.96 0.29 0.00	32.96 0.35 0.00
BETHLEHEM___GS3 323562	29.79 0.08 0.00	24.39 0.03 0.00	24.29 -0.01 0.00	23.30 0.01 0.00	23.45 0.02 0.00	25.66 0.04 0.00	25.69 0.20 0.00	26.83 0.25 0.00	28.28 0.22 0.00	26.15 0.19 0.00	26.32 0.08 -1.02	32.07 0.10 0.00	33.45 0.18 0.00	35.69 0.17 0.00	38.28 0.13 0.00	40.23 0.21 0.00	36.14 0.53 0.00	38.17 0.41 0.00	41.06 0.48 0.00	38.72 0.55 0.00	38.59 0.56 0.00	39.77 0.56 0.00	33.96 0.29 0.00	32.96 0.35 0.00
BETHLEHEM___STEEL 23779	29.22 -0.48 0.00	23.70 -0.65 0.00	23.84 -0.46 0.00	22.76 -0.53 0.00	22.99 -0.44 0.00	25.17 -0.44 0.00	25.16 -0.33 0.00	26.39 -0.20 0.00	28.19 0.13 0.00	26.02 0.07 0.00	25.67 0.44 0.00	32.62 0.66 0.00	33.81 0.54 0.00	36.07 0.18 -0.37	41.68 0.07 -3.45	44.25 0.15 -4.09	39.33 0.45 -3.27	42.04 0.88 -3.39	43.90 0.50 -2.81	40.79 0.44 -2.17	38.08 0.04 0.00	39.91 0.71 0.00	34.36 0.68 0.00	32.94 0.33 0.00
BETHLHEM_115KV_TB1 79974	29.87 0.16 0.00	24.45 0.09 0.00	24.34 0.04 0.00	23.35 0.06 0.00	23.50 0.07 0.00	25.72 0.10 0.00	25.74 0.26 0.00	26.89 0.31 0.00	28.35 0.29 0.00	26.21 0.25 0.00	26.40 0.16 -1.02	32.16 0.19 0.00	33.54 0.28 0.00	35.79 0.28 0.00	38.38 0.24 0.00	40.35 0.33 0.00	36.25 0.63 0.00	38.28 0.52 0.00	41.16 0.57 0.00	38.81 0.64 0.00	38.69 0.65 0.00	39.86 0.66 0.00	34.06 0.38 0.00	33.04 0.44 0.00
BETHPAGE_CC_5 323564	32.21 1.80 -0.71	25.60 1.25 0.00	25.26 0.96 0.00	24.16 0.87 0.00	24.33 0.90 0.00	26.76 1.15 0.00	26.91 1.43 0.00	28.42 1.84 0.00	30.05 2.00 0.00	27.96 2.00 0.00	33.82 2.07 -6.53	34.58 2.61 0.00	36.15 2.88 0.00	38.49 2.97 0.00	41.25 3.11 0.00	43.37 3.35 0.00	39.06 3.45 0.00	41.26 3.49 0.00	44.04 3.46 0.00	41.26 3.09 0.00	41.83 3.03 -0.76	42.37 3.17 0.00	36.13 2.45 0.00	34.92 2.31 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.30 -0.40 0.00	23.76 -0.60 0.00	23.89 -0.41 0.00	22.82 -0.47 0.00	23.04 -0.38 0.00	25.24 -0.38 0.00	25.22 -0.26 0.00	26.47 -0.12 0.00	28.28 0.22 0.00	26.11 0.16 0.00	25.76 0.54 0.00	32.74 0.77 0.00	33.94 0.68 0.00	36.22 0.34 -0.36	41.73 0.23 -3.35	44.30 0.32 -3.96	39.41 0.62 -3.17	42.10 1.05 -3.29	44.00 0.68 -2.73	40.88 0.60 -2.11	38.23 0.20 0.00	40.07 0.87 0.00	34.46 0.79 0.00	33.04 0.43 0.00

BINGHAMTON___COGEN 23790	29.84 0.13 0.00	24.33 -0.03 0.00	24.27 -0.03 0.00	23.23 -0.06 0.00	23.41 -0.02 0.00	25.67 0.05 0.00	25.65 0.17 0.00	26.86 0.27 0.00	28.42 0.36 0.00	26.26 0.30 0.00	25.58 0.36 0.00	32.47 0.50 0.00	33.84 0.57 0.00	36.15 0.60 -0.04	39.06 0.57 -0.34	41.07 0.65 -0.40	36.80 0.87 -0.32	38.85 0.94 -0.13	41.60 0.90 -0.12	39.25 0.86 -0.21	38.72 0.68 0.00	40.05 0.85 0.00	34.28 0.60 0.00	33.04 0.43 0.00
BIXINCNT_115KV_LOAD 355685	29.57 -0.14 0.00	23.92 -0.44 0.00	24.00 -0.30 0.00	22.91 -0.38 0.00	23.15 -0.27 0.00	25.42 -0.20 0.00	25.47 -0.01 0.00	26.81 0.23 0.00	28.65 0.59 0.00	26.43 0.47 0.00	26.04 0.82 0.00	33.04 1.07 0.00	34.26 1.00 0.00	36.60 0.77 -0.32	41.72 0.64 -2.94	44.24 0.74 -3.48	39.45 1.05 -2.79	42.05 1.40 -2.89	44.01 1.03 -2.40	40.94 0.92 -1.85	38.58 0.54 0.00	40.41 1.21 0.00	34.73 1.06 0.00	33.27 0.66 0.00
BLACK RIVER___HYD 24047	29.37 -0.34 0.00	24.15 -0.20 0.00	24.20 -0.10 0.00	23.15 -0.14 0.00	23.27 -0.16 0.00	25.60 -0.01 0.00	25.47 -0.01 0.00	26.50 -0.08 0.00	27.88 -0.18 0.00	25.66 -0.30 0.00	24.82 -0.41 0.00	31.32 -0.64 0.00	32.46 -0.80 0.00	34.63 -0.89 0.00	37.01 -1.14 0.00	38.75 -1.27 0.00	3.08 -1.11 31.42	37.00 -0.77 0.00	40.06 -0.53 0.00	38.04 -0.13 0.00	37.83 -0.21 0.00	38.49 -0.71 0.00	32.50 -1.18 0.00	31.47 -1.14 0.00
BLACKRVR_115KV_TB2 79977	29.37 -0.34 0.00	24.15 -0.20 0.00	24.20 -0.10 0.00	23.15 -0.14 0.00	23.27 -0.16 0.00	25.60 -0.01 0.00	25.47 -0.01 0.00	26.50 -0.08 0.00	27.88 -0.18 0.00	25.66 -0.30 0.00	24.81 -0.41 0.00	31.32 -0.64 0.00	32.46 -0.80 0.00	34.62 -0.89 0.00	37.01 -1.14 0.00	38.75 -1.28 0.00	3.08 -1.11 31.42	37.00 -0.77 0.00	40.06 -0.53 0.00	38.04 -0.13 0.00	37.83 -0.21 0.00	38.49 -0.71 0.00	32.49 -1.18 0.00	31.47 -1.14 0.00
BLISS_WT_PWR 323608	29.56 -0.14 0.00	23.90 -0.45 0.00	23.97 -0.33 0.00	22.88 -0.41 0.00	23.13 -0.30 0.00	25.41 -0.21 0.00	25.46 -0.02 0.00	26.81 0.23 0.00	28.65 0.59 0.00	26.43 0.48 0.00	26.05 0.83 0.00	33.05 1.09 0.00	34.29 1.02 0.00	36.61 0.78 -0.32	41.75 0.67 -2.94	44.28 0.78 -3.48	39.47 1.07 -2.79	42.06 1.41 -2.89	44.01 1.03 -2.40	40.94 0.91 -1.85	38.58 0.55 0.00	40.41 1.21 0.00	34.73 1.05 0.00	33.27 0.66 0.00
BLUESTONE___WT_PWR 323821	31.05 1.35 0.00	25.28 0.93 0.00	25.21 0.91 0.00	24.13 0.84 0.00	24.33 0.90 0.00	26.72 1.10 0.00	26.77 1.29 0.00	28.06 1.48 0.00	29.66 1.60 0.00	27.28 1.32 0.00	26.56 1.33 0.00	33.65 1.69 0.00	35.07 1.80 0.00	37.49 1.97 0.00	39.59 1.45 0.00	41.70 1.69 0.00	37.35 1.74 0.00	39.60 1.84 0.00	42.67 2.08 0.00	40.48 2.31 0.00	40.23 2.19 0.00	41.47 2.27 0.00	35.48 1.81 0.00	34.28 1.67 0.00
BLUE_CIRC_CHEM_DRP 24182	30.23 0.53 0.00	24.76 0.40 0.00	24.68 0.37 0.00	23.67 0.37 0.00	23.81 0.38 0.00	26.06 0.44 0.00	26.04 0.56 0.00	27.16 0.57 0.00	28.51 0.45 0.00	26.29 0.34 0.00	26.37 0.23 -0.92	32.22 0.25 0.00	33.58 0.31 0.00	35.83 0.31 0.00	38.45 0.31 0.00	40.56 0.54 0.00	36.50 0.89 0.00	38.59 0.82 0.00	41.51 0.93 0.00	39.18 1.01 0.00	39.10 1.06 0.00	40.28 1.08 0.00	34.43 0.76 0.00	33.40 0.79 0.00
BOC_GAS_DRP 24189	30.04 0.34 0.00	24.58 0.22 0.00	24.48 0.18 0.00	23.47 0.19 0.00	23.61 0.19 0.00	25.85 0.24 0.00	25.85 0.37 0.00	27.03 0.44 0.00	28.51 0.45 0.00	26.36 0.41 0.00	26.54 0.33 -0.99	32.40 0.43 0.00	33.79 0.52 0.00	36.03 0.52 0.00	38.64 0.50 0.00	40.61 0.59 0.00	36.45 0.83 0.00	38.52 0.75 0.00	41.39 0.80 0.00	39.00 0.83 0.00	38.86 0.82 0.00	40.06 0.86 0.00	34.25 0.58 0.00	33.22 0.62 0.00
BOONVILLE_115KV_TB1 79983	30.04 0.34 0.00	24.64 0.28 0.00	24.59 0.29 0.00	23.55 0.26 0.00	23.70 0.28 0.00	25.98 0.36 0.00	25.92 0.43 0.00	27.03 0.45 0.00	28.50 0.44 0.00	26.29 0.34 0.00	25.49 0.27 0.00	32.25 0.28 0.00	33.52 0.26 0.00	35.79 0.28 0.00	38.51 0.36 0.00	40.34 0.32 0.00	18.99 0.42 17.04	38.37 0.60 0.00	41.37 0.79 0.00	39.02 0.85 0.00	38.82 0.79 0.00	39.78 0.58 0.00	33.88 0.20 0.00	32.77 0.16 0.00
BORALEX_4TH_BRANCH 23824	31.04 1.34 0.00	25.51 1.15 0.00	25.45 1.15 0.00	24.42 1.13 0.00	24.58 1.15 0.00	26.90 1.28 0.00	26.85 1.36 0.00	27.94 1.36 0.00	29.39 1.33 0.00	27.02 1.06 0.00	27.18 0.76 -1.20	32.89 0.93 0.00	34.23 0.97 0.00	36.47 0.95 0.00	38.93 0.78 0.00	40.69 0.66 0.00	36.64 1.02 0.00	38.78 1.01 0.00	41.97 1.38 0.00	39.92 1.75 0.00	39.89 1.85 0.00	41.20 2.00 0.00	35.19 1.52 0.00	34.31 1.70 0.00
BOWLINE___1 23526	30.79 1.09 0.00	25.05 0.69 0.00	24.84 0.54 0.00	23.81 0.52 0.00	23.96 0.53 0.00	26.31 0.69 0.00	26.44 0.96 0.00	27.81 1.22 0.00	29.45 1.39 0.00	27.33 1.38 0.00	16.74 1.39 9.87	33.85 1.89 0.00	35.37 2.10 0.00	37.71 2.20 0.00	40.52 2.37 0.00	42.59 2.57 0.00	38.41 2.79 0.00	40.58 2.81 0.00	43.45 2.86 0.00	40.72 2.55 0.00	40.38 2.35 0.00	41.56 2.36 0.00	35.46 1.79 0.00	34.36 1.75 0.00
BOWLINE___2 23595	30.79 1.09 0.00	25.05 0.69 0.00	24.84 0.54 0.00	23.81 0.52 0.00	23.96 0.53 0.00	26.31 0.69 0.00	26.44 0.96 0.00	27.81 1.22 0.00	29.45 1.39 0.00	27.33 1.38 0.00	16.73 1.39 9.88	33.85 1.89 0.00	35.37 2.10 0.00	37.71 2.20 0.00	40.52 2.37 0.00	42.59 2.57 0.00	38.41 2.79 0.00	40.58 2.81 0.00	43.45 2.86 0.00	40.72 2.55 0.00	40.38 2.35 0.00	41.56 2.36 0.00	35.46 1.79 0.00	34.36 1.75 0.00
BRADY___115KV_TB2 356060	29.95 0.24 0.00	24.71 0.36 0.00	24.72 0.42 0.00	23.69 0.40 0.00	23.80 0.37 0.00	25.97 0.35 0.00	25.70 0.22 0.00	26.68 0.10 0.00	28.01 -0.05 0.00	25.73 -0.22 0.00	25.04 -0.18 0.00	31.63 -0.33 0.00	32.71 -0.56 0.00	34.98 -0.53 0.00	37.69 -0.46 0.00	39.33 -0.70 0.00	-120.83 -1.54 154.91	36.49 -1.28 0.00	39.46 -1.13 0.00	37.42 -0.75 0.00	37.82 -0.22 0.00	38.81 -0.40 0.00	33.39 -0.28 0.00	32.28 -0.33 0.00
BRANSCOMB___SOLAR 323811	31.33 1.62 0.00	25.53 1.18 0.00	25.48 1.18 0.00	24.43 1.14 0.00	24.60 1.18 0.00	26.94 1.32 0.00	26.97 1.49 0.00	28.19 1.61 0.00	29.60 1.55 0.00	27.19 1.23 0.00	27.20 0.97 -1.01	33.24 1.28 0.00	34.62 1.35 0.00	36.94 1.42 0.00	39.75 1.60 0.00	42.12 2.10 0.00	37.76 2.15 0.00	40.02 2.25 0.00	43.37 2.78 0.00	40.94 2.77 0.00	40.89 2.85 0.00	42.09 2.89 0.00	35.88 2.20 0.00	34.79 2.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.45 2.03 -0.71	25.83 1.47 0.00	25.44 1.14 0.00	24.34 1.05 0.00	24.51 1.09 0.00	26.97 1.36 0.00	27.14 1.66 0.00	28.67 2.09 0.00	30.31 2.25 0.00	28.19 2.23 0.00	34.02 2.27 -6.53	34.79 2.83 0.00	36.39 3.12 0.00	38.74 3.23 0.00	41.51 3.37 0.00	43.64 3.62 0.00	39.28 3.66 0.00	41.52 3.76 0.00	44.33 3.75 0.00	41.66 3.48 0.00	42.31 3.50 -0.76	42.77 3.57 0.00	36.42 2.75 0.00	35.16 2.55 0.00



BRISTLHL_115KV_TB1 79998	29.27 -0.44 0.00	23.92 -0.43 0.00	23.86 -0.44 0.00	22.86 -0.42 0.00	23.01 -0.41 0.00	25.21 -0.41 0.00	25.11 -0.37 0.00	26.19 -0.39 0.00	27.64 -0.42 0.00	25.55 -0.41 0.00	24.82 -0.40 0.00	31.49 -0.47 0.00	32.83 -0.44 0.00	35.01 -0.50 0.00	37.58 -0.56 0.00	39.45 -0.58 0.00	31.25 -0.29 4.08	37.56 -0.21 0.00	40.41 -0.17 0.00	38.08 -0.10 0.00	37.82 -0.22 0.00	39.04 -0.16 0.00	33.42 -0.26 0.00	32.28 -0.33 0.00
BROOKHAVEN___DRP 24191	32.04 1.62 -0.71	25.53 1.17 0.00	25.13 0.83 0.00	24.04 0.75 0.00	24.22 0.79 0.00	26.62 1.00 0.00	26.81 1.33 0.00	28.31 1.73 0.00	29.93 1.88 0.00	27.87 1.92 0.00	33.66 1.91 -6.53	34.35 2.38 0.00	35.95 2.68 0.00	38.34 2.83 0.00	41.17 3.03 0.00	43.19 3.17 0.00	38.91 3.29 0.00	41.20 3.43 0.00	43.92 3.33 0.00	41.33 3.16 0.00	42.05 3.24 -0.76	42.37 3.16 0.00	35.98 2.31 0.00	34.77 2.16 0.00
BROOKLYN_NAVY_YARD 23515	31.10 1.39 0.00	25.27 0.92 0.00	25.06 0.76 0.00	24.02 0.73 0.00	24.15 0.73 0.00	26.54 0.92 0.00	26.69 1.21 0.00	28.11 1.53 0.00	29.79 1.74 0.00	27.70 1.74 0.00	33.23 1.76 -6.25	34.34 2.37 0.00	35.85 2.58 0.00	38.18 2.67 0.00	41.03 2.88 0.00	43.14 3.12 0.00	38.90 3.28 0.00	41.07 3.30 0.00	43.91 3.32 0.00	41.13 2.96 0.00	40.79 2.75 0.00	42.04 2.84 0.00	35.87 2.19 0.00	34.74 2.13 0.00
BROOKLYN___ARMY_DRP 323595	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00
BROOKVLE_69_KV_TB1 55790	32.43 2.01 -0.71	25.77 1.41 0.00	25.44 1.14 0.00	24.33 1.04 0.00	24.49 1.06 0.00	26.96 1.34 0.00	27.09 1.61 0.00	28.62 2.04 0.00	30.18 2.12 0.00	28.08 2.12 0.00	33.97 2.22 -6.53	34.85 2.88 0.00	36.45 3.18 0.00	38.81 3.29 0.00	41.64 3.50 0.00	43.80 3.78 0.00	39.48 3.87 0.00	41.65 3.88 0.00	44.45 3.86 0.00	41.64 3.47 0.00	42.28 3.48 -0.76	42.82 3.62 0.00	36.49 2.82 0.00	35.22 2.61 0.00
BROOME_2_LFGE 323671	29.84 0.13 0.00	24.33 -0.03 0.00	24.27 -0.03 0.00	23.23 -0.06 0.00	23.41 -0.02 0.00	25.67 0.05 0.00	25.65 0.17 0.00	26.86 0.27 0.00	28.42 0.36 0.00	26.26 0.30 0.00	25.58 0.36 0.00	32.47 0.50 0.00	33.83 0.57 0.00	36.15 0.59 -0.04	39.05 0.57 -0.34	41.07 0.65 -0.40	36.80 0.87 -0.32	38.84 0.94 -0.13	41.60 0.90 -0.12	39.25 0.86 -0.21	38.72 0.68 0.00	40.05 0.85 0.00	34.27 0.60 0.00	33.04 0.43 0.00
BROOME___LFGE 323600	29.84 0.13 0.00	24.33 -0.03 0.00	24.27 -0.03 0.00	23.23 -0.06 0.00	23.41 -0.02 0.00	25.67 0.05 0.00	25.65 0.17 0.00	26.86 0.27 0.00	28.42 0.36 0.00	26.26 0.30 0.00	25.58 0.36 0.00	32.47 0.50 0.00	33.83 0.57 0.00	36.15 0.59 -0.04	39.05 0.57 -0.34	41.07 0.65 -0.40	36.80 0.87 -0.32	38.84 0.94 -0.13	41.60 0.90 -0.12	39.25 0.86 -0.21	38.72 0.68 0.00	40.05 0.85 0.00	34.27 0.60 0.00	33.04 0.43 0.00
BROWNFLS_115KV_TB_3_5 80003	28.97 -0.73 0.00	23.89 -0.47 0.00	23.90 -0.40 0.00	22.89 -0.40 0.00	23.01 -0.42 0.00	25.19 -0.43 0.00	25.00 -0.48 0.00	25.99 -0.59 0.00	27.34 -0.72 0.00	25.16 -0.80 0.00	24.43 -0.79 0.00	30.86 -1.11 0.00	31.93 -1.33 0.00	34.10 -1.42 0.00	36.63 -1.52 0.00	38.25 -1.78 0.00	-47.17 -2.01 80.78	36.13 -1.63 0.00	39.05 -1.54 0.00	37.05 -1.12 0.00	37.11 -0.93 0.00	37.75 -1.45 0.00	32.16 -1.51 0.00	31.12 -1.49 0.00
BROWNSV1_27_KV_LOAD 356125	31.48 1.78 0.00	25.57 1.21 0.00	25.34 1.04 0.00	24.27 0.98 0.00	24.42 0.99 0.00	26.84 1.22 0.00	26.99 1.51 0.00	28.44 1.86 0.00	30.16 2.10 0.00	28.04 2.08 0.00	33.59 2.11 -6.25	34.80 2.84 0.00	36.34 3.08 0.00	38.71 3.20 0.00	41.58 3.43 0.00	43.76 3.74 0.00	39.48 3.87 0.00	41.65 3.88 0.00	44.49 3.90 0.00	41.66 3.50 0.00	41.36 3.32 0.00	42.63 3.43 0.00	36.36 2.69 0.00	35.20 2.60 0.00
BURROWS___LYONSDAL 23803	29.89 0.18 0.00	24.54 0.18 0.00	24.51 0.21 0.00	23.47 0.19 0.00	23.62 0.19 0.00	25.89 0.27 0.00	25.82 0.34 0.00	26.91 0.33 0.00	28.35 0.29 0.00	26.15 0.19 0.00	25.35 0.13 0.00	32.05 0.08 0.00	33.28 0.02 0.00	35.52 0.00 0.00	38.18 0.04 0.00	39.97 -0.05 0.00	13.16 0.07 22.53	38.05 0.29 0.00	41.05 0.46 0.00	38.74 0.57 0.00	38.53 0.49 0.00	39.39 0.19 0.00	33.49 -0.19 0.00	32.43 -0.18 0.00
CAITHNESS_CC_1 323624	32.03 1.61 -0.71	25.52 1.16 0.00	25.13 0.83 0.00	24.03 0.75 0.00	24.21 0.79 0.00	26.62 1.01 0.00	26.80 1.32 0.00	28.30 1.72 0.00	29.92 1.86 0.00	27.86 1.90 0.00	33.64 1.89 -6.53	34.32 2.36 0.00	35.92 2.65 0.00	38.29 2.77 0.00	41.11 2.96 0.00	43.12 3.10 0.00	38.84 3.23 0.00	41.11 3.35 0.00	43.84 3.25 0.00	41.25 3.07 0.00	41.95 3.15 -0.76	42.28 3.08 0.00	35.93 2.25 0.00	34.73 2.12 0.00
CALPINE BETH_PAGE_GT4 24209	32.19 1.77 -0.71	25.58 1.23 0.00	25.24 0.94 0.00	24.14 0.85 0.00	24.30 0.88 0.00	26.74 1.13 0.00	26.89 1.41 0.00	28.39 1.81 0.00	30.02 1.96 0.00	27.93 1.97 0.00	33.80 2.05 -6.53	34.56 2.59 0.00	36.12 2.85 0.00	38.46 2.94 0.00	41.16 3.01 0.00	43.28 3.26 0.00	38.99 3.37 0.00	41.16 3.40 0.00	43.94 3.35 0.00	41.20 3.02 0.00	41.79 2.99 -0.76	42.40 3.20 0.00	36.14 2.46 0.00	34.91 2.29 0.00
CALPINE_BETH_PAGE_GT_4 323586	32.19 1.76 -0.71	25.58 1.22 0.00	25.24 0.94 0.00	24.14 0.84 0.00	24.31 0.88 0.00	26.74 1.12 0.00	26.89 1.41 0.00	28.39 1.81 0.00	30.02 1.96 0.00	27.93 1.97 0.00	33.80 2.05 -6.53	34.56 2.59 0.00	36.12 2.85 0.00	38.46 2.95 0.00	41.16 3.01 0.00	43.28 3.26 0.00	38.98 3.37 0.00	41.16 3.40 0.00	43.94 3.35 0.00	41.19 3.02 0.00	41.79 2.99 -0.76	42.40 3.20 0.00	36.14 2.46 0.00	34.91 2.30 0.00
CALPINE_BP_GT1 23823	32.19 1.76 -0.71	25.58 1.22 0.00	25.24 0.94 0.00	24.14 0.84 0.00	24.31 0.88 0.00	26.74 1.12 0.00	26.89 1.41 0.00	28.39 1.81 0.00	30.02 1.96 0.00	27.93 1.97 0.00	33.80 2.05 -6.53	34.56 2.59 0.00	36.12 2.85 0.00	38.46 2.95 0.00	41.16 3.01 0.00	43.28 3.26 0.00	38.98 3.37 0.00	41.16 3.40 0.00	43.94 3.35 0.00	41.19 3.02 0.00	41.79 2.99 -0.76	42.40 3.20 0.00	36.14 2.46 0.00	34.91 2.30 0.00
CALSPAN___DRP 24200	29.22 -0.48 0.00	23.70 -0.65 0.00	23.84 -0.46 0.00	22.76 -0.53 0.00	22.99 -0.44 0.00	25.17 -0.44 0.00	25.16 -0.33 0.00	26.39 -0.20 0.00	28.19 0.13 0.00	26.02 0.07 0.00	25.67 0.44 0.00	32.62 0.66 0.00	33.81 0.54 0.00	36.07 0.18 -0.37	41.68 0.07 -3.45	44.25 0.15 -4.09	39.33 0.45 -3.27	42.04 0.88 -3.39	43.90 0.50 -2.81	40.79 0.44 -2.17	38.08 0.04 0.00	39.91 0.71 0.00	34.36 0.68 0.00	32.94 0.33 0.00

CALVERTON___SOLAR 323806	32.10 1.68 -0.71	25.57 1.21 0.00	25.17 0.87 0.00	24.07 0.78 0.00	24.25 0.82 0.00	26.67 1.06 0.00	26.86 1.38 0.00	28.36 1.78 0.00	30.00 1.94 0.00	27.94 1.99 0.00	33.73 1.98 -6.53	34.45 2.48 0.00	36.05 2.79 0.00	38.47 2.96 0.00	41.34 3.19 0.00	43.35 3.32 0.00	39.06 3.44 0.00	41.38 3.61 0.00	44.12 3.53 0.00	41.51 3.33 0.00	42.22 3.42 -0.76	42.53 3.33 0.00	36.11 2.43 0.00	34.88 2.27 0.00
CANDIGU_WT_PWR 323617	29.05 -0.65 0.00	23.53 -0.83 0.00	23.57 -0.73 0.00	22.45 -0.84 0.00	22.69 -0.74 0.00	24.97 -0.65 0.00	25.03 -0.45 0.00	26.26 -0.33 0.00	27.97 -0.09 0.00	25.80 -0.16 0.00	25.35 0.12 0.00	32.22 0.25 0.00	33.49 0.23 0.00	35.67 0.05 -0.11	39.03 -0.12 -1.00	41.15 -0.05 -1.18	36.91 0.35 -0.94	39.34 0.59 -0.98	41.67 0.27 -0.81	39.08 0.28 -0.63	37.91 -0.13 0.00	39.70 0.49 0.00	34.06 0.38 0.00	32.55 -0.06 0.00
CARR STREET_E_SYR 24060	29.46 -0.24 0.00	24.07 -0.28 0.00	24.01 -0.29 0.00	23.00 -0.28 0.00	23.16 -0.27 0.00	25.36 -0.25 0.00	25.28 -0.20 0.00	26.38 -0.20 0.00	27.88 -0.18 0.00	25.79 -0.17 0.00	25.09 -0.13 0.00	31.86 -0.11 0.00	33.21 -0.06 0.00	35.44 -0.07 0.00	38.05 -0.10 0.00	39.88 -0.14 0.00	32.48 0.08 3.22	37.92 0.15 0.00	40.72 0.14 0.00	38.30 0.13 0.00	38.03 0.00 0.00	39.34 0.13 0.00	33.68 0.01 0.00	32.52 -0.08 0.00
CARTHAGE___PAPER 23857	29.55 -0.15 0.00	24.32 -0.03 0.00	24.36 0.07 0.00	23.32 0.03 0.00	23.45 0.03 0.00	25.77 0.15 0.00	25.62 0.14 0.00	26.65 0.06 0.00	28.03 -0.03 0.00	25.76 -0.19 0.00	24.95 -0.27 0.00	31.44 -0.53 0.00	32.54 -0.73 0.00	34.72 -0.80 0.00	37.20 -0.95 0.00	38.91 -1.11 0.00	-2.08 -1.03 36.67	37.09 -0.67 0.00	40.17 -0.42 0.00	38.12 -0.05 0.00	37.97 -0.07 0.00	38.63 -0.57 0.00	32.66 -1.01 0.00	31.63 -0.98 0.00
CASSADAGA_WT_PWR 323784	29.83 0.13 0.00	24.14 -0.22 0.00	24.26 -0.04 0.00	23.13 -0.16 0.00	23.42 0.00 0.00	25.74 0.12 0.00	25.79 0.30 0.00	27.16 0.58 0.00	29.02 0.96 0.00	26.75 0.80 0.00	26.36 1.14 0.00	33.52 1.55 0.00	34.82 1.55 0.00	37.19 1.31 -0.37	42.77 1.22 -3.40	45.51 1.46 -4.02	40.56 1.73 -3.22	43.21 2.11 -3.34	45.17 1.82 -2.77	41.97 1.66 -2.14	39.20 1.16 0.00	41.05 1.85 0.00	35.19 1.52 0.00	33.60 0.99 0.00
CE_DUNWOOD___DRP 24194	30.98 1.28 0.00	25.20 0.84 0.00	24.99 0.69 0.00	23.95 0.66 0.00	24.09 0.66 0.00	26.46 0.84 0.00	26.59 1.10 0.00	27.98 1.40 0.00	29.64 1.58 0.00	27.52 1.56 0.00	33.47 1.58 -6.67	34.09 2.12 0.00	35.60 2.33 0.00	37.94 2.42 0.00	40.75 2.60 0.00	42.85 2.83 0.00	38.63 3.01 0.00	40.80 3.04 0.00	43.65 3.07 0.00	40.91 2.74 0.00	40.61 2.57 0.00	41.83 2.63 0.00	35.69 2.01 0.00	34.56 1.95 0.00
CE_MILLWOOD___DRP 24193	30.92 1.21 0.00	25.15 0.79 0.00	24.94 0.64 0.00	23.90 0.61 0.00	24.05 0.62 0.00	26.41 0.80 0.00	26.54 1.05 0.00	27.91 1.33 0.00	29.57 1.51 0.00	27.45 1.49 0.00	33.71 1.50 -6.99	33.99 2.02 0.00	35.49 2.23 0.00	37.83 2.32 0.00	40.64 2.49 0.00	42.74 2.72 0.00	38.52 2.91 0.00	40.69 2.93 0.00	43.55 2.96 0.00	40.84 2.67 0.00	40.52 2.49 0.00	41.74 2.54 0.00	35.60 1.92 0.00	34.48 1.88 0.00
CE_NYC2_DRP 24202	31.21 1.50 0.00	25.37 1.01 0.00	25.16 0.86 0.00	24.11 0.82 0.00	24.25 0.82 0.00	26.65 1.03 0.00	26.80 1.32 0.00	28.23 1.64 0.00	29.92 1.86 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.77 2.54 -0.27	36.29 2.73 -0.30	38.33 2.82 0.00	41.21 3.06 0.00	43.31 3.28 0.00	39.06 3.45 0.00	41.20 3.43 0.00	44.01 3.42 0.00	41.25 3.08 0.00	40.94 2.90 0.00	42.20 2.99 0.00	36.00 2.32 0.00	34.88 2.27 0.00
CE_NYC_DRP 24195	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.15 1.56 0.00	29.84 1.78 0.00	27.74 1.78 0.00	33.29 1.81 -6.25	34.43 2.46 0.00	35.95 2.68 0.00	38.29 2.77 0.00	41.12 2.98 0.00	43.25 3.23 0.00	39.01 3.39 0.00	41.16 3.39 0.00	43.96 3.38 0.00	41.17 3.00 0.00	40.86 2.82 0.00	42.11 2.91 0.00	35.92 2.25 0.00	34.80 2.19 0.00
CHAFFEE___LFGE 323603	29.35 -0.36 0.00	23.80 -0.56 0.00	23.93 -0.37 0.00	22.85 -0.44 0.00	23.09 -0.34 0.00	25.28 -0.34 0.00	25.27 -0.21 0.00	26.55 -0.04 0.00	28.36 0.30 0.00	26.17 0.21 0.00	25.82 0.60 0.00	32.80 0.83 0.00	34.02 0.76 0.00	36.26 0.40 -0.35	41.67 0.32 -3.20	44.23 0.42 -3.79	39.33 0.68 -3.03	42.03 1.12 -3.14	43.95 0.76 -2.61	40.86 0.67 -2.01	38.31 0.27 0.00	40.15 0.95 0.00	34.53 0.86 0.00	33.10 0.49 0.00
CHATEAUG_35_KV_LOAD 355732	29.88 0.18 0.00	24.64 0.28 0.00	24.69 0.39 0.00	23.65 0.36 0.00	23.80 0.37 0.00	26.01 0.39 0.00	25.74 0.26 0.00	26.75 0.16 0.00	28.28 0.22 0.00	26.12 0.16 0.00	25.57 0.35 0.00	32.49 0.53 0.00	33.62 0.35 0.00	35.88 0.36 0.00	38.35 0.21 0.00	39.86 -0.16 0.00	16.60 -0.88 18.14	36.85 -0.92 0.00	40.00 -0.59 0.00	37.64 -0.53 0.00	37.56 -0.48 0.00	38.48 -0.72 0.00	33.10 -0.57 0.00	31.62 -0.99 0.00
CHATEAUG_WT_PWR 323614	29.84 0.13 0.00	24.58 0.23 0.00	24.63 0.33 0.00	23.59 0.30 0.00	23.75 0.33 0.00	25.96 0.35 0.00	25.69 0.20 0.00	26.70 0.12 0.00	28.26 0.21 0.00	26.12 0.16 0.00	25.56 0.34 0.00	32.49 0.52 0.00	33.62 0.36 0.00	35.87 0.36 0.00	38.35 0.20 0.00	39.86 -0.16 0.00	27.63 -0.86 7.12	36.86 -0.90 0.00	39.98 -0.61 0.00	37.64 -0.53 0.00	37.47 -0.57 0.00	38.38 -0.82 0.00	33.03 -0.64 0.00	31.56 -1.05 0.00
CHAT_HIGH_FALL_HYD 323578	29.88 0.18 0.00	24.64 0.28 0.00	24.69 0.39 0.00	23.65 0.36 0.00	23.80 0.37 0.00	26.01 0.39 0.00	25.74 0.26 0.00	26.75 0.16 0.00	28.28 0.22 0.00	26.12 0.16 0.00	25.57 0.35 0.00	32.49 0.53 0.00	33.62 0.35 0.00	35.88 0.36 0.00	38.35 0.21 0.00	39.86 -0.16 0.00	16.60 -0.88 18.14	36.85 -0.92 0.00	40.00 -0.59 0.00	37.64 -0.53 0.00	37.56 -0.48 0.00	38.48 -0.72 0.00	33.10 -0.57 0.00	31.62 -0.99 0.00
CHAUTAUQUA___LFGE 323629	29.47 -0.23 0.00	23.87 -0.48 0.00	24.00 -0.30 0.00	22.89 -0.40 0.00	23.16 -0.26 0.00	25.44 -0.18 0.00	25.44 -0.04 0.00	26.77 0.18 0.00	28.57 0.51 0.00	26.33 0.38 0.00	25.94 0.72 0.00	32.99 1.03 0.00	34.25 0.98 0.00	36.62 0.71 -0.40	42.45 0.63 -3.67	45.17 0.81 -4.34	40.23 1.14 -3.48	42.88 1.51 -3.60	44.74 1.16 -2.99	41.53 1.05 -2.31	38.59 0.55 0.00	40.46 1.26 0.00	34.73 1.06 0.00	33.17 0.57 0.00
CHERRYST_13_KV_LD 356241	31.24 1.54 0.00	25.38 1.03 0.00	25.17 0.87 0.00	24.12 0.82 0.00	24.26 0.84 0.00	26.66 1.05 0.00	26.81 1.33 0.00	28.25 1.67 0.00	29.97 1.91 0.00	27.86 1.90 0.00	33.42 1.94 -6.25	34.61 2.64 0.00	36.12 2.85 0.00	38.49 2.98 0.00	41.34 3.19 0.00	43.46 3.44 0.00	39.20 3.58 0.00	41.34 3.58 0.00	44.16 3.57 0.00	41.34 3.17 0.00	41.00 2.97 0.00	42.26 3.06 0.00	36.05 2.37 0.00	34.91 2.30 0.00

CHESTROR_138KV_BK263 355645	30.65 0.95 0.00	24.96 0.61 0.00	24.78 0.48 0.00	23.74 0.45 0.00	23.88 0.46 0.00	26.22 0.61 0.00	26.31 0.83 0.00	27.64 1.06 0.00	29.25 1.19 0.00	27.12 1.16 0.00	20.31 1.17 6.08	33.56 1.59 0.00	35.03 1.76 0.00	37.38 1.87 0.00	40.15 2.01 0.00	42.23 2.21 0.00	38.04 2.42 0.00	40.23 2.46 0.00	43.09 2.51 0.00	40.42 2.25 0.00	40.12 2.09 0.00	41.30 2.10 0.00	35.25 1.57 0.00	34.13 1.52 0.00
CH_MIDHUDSON___DRP 24192	30.89 1.19 0.00	25.14 0.79 0.00	24.95 0.65 0.00	23.92 0.63 0.00	24.06 0.63 0.00	26.41 0.79 0.00	26.52 1.03 0.00	27.87 1.29 0.00	29.50 1.44 0.00	27.34 1.39 0.00	27.67 1.38 -1.07	33.82 1.86 0.00	35.32 2.05 0.00	37.68 2.16 0.00	40.47 2.32 0.00	42.57 2.55 0.00	38.37 2.75 0.00	40.57 2.80 0.00	43.45 2.86 0.00	40.78 2.60 0.00	40.48 2.44 0.00	41.70 2.50 0.00	35.55 1.88 0.00	34.42 1.82 0.00
CH_MISC_IPPS 23765	31.07 1.36 0.00	25.27 0.91 0.00	25.07 0.78 0.00	24.02 0.73 0.00	24.17 0.75 0.00	26.54 0.92 0.00	26.65 1.17 0.00	28.02 1.44 0.00	29.67 1.61 0.00	27.52 1.56 0.00	26.78 1.55 0.00	34.06 2.10 0.00	35.59 2.32 0.00	37.98 2.47 0.00	40.83 2.68 0.00	42.96 2.94 0.00	38.75 3.13 0.00	40.98 3.22 0.00	43.86 3.27 0.00	41.12 2.95 0.00	40.81 2.77 0.00	42.01 2.81 0.00	35.81 2.13 0.00	34.64 2.03 0.00
CH_RES_BVR_FALLS 23983	29.52 -0.19 0.00	24.36 0.00 0.00	24.35 0.05 0.00	23.34 0.05 0.00	23.46 0.03 0.00	25.57 -0.05 0.00	25.38 -0.10 0.00	26.40 -0.18 0.00	27.83 -0.22 0.00	25.72 -0.24 0.00	25.04 -0.18 0.00	31.69 -0.27 0.00	32.86 -0.40 0.00	35.12 -0.39 0.00	37.76 -0.39 0.00	39.50 -0.53 0.00	40.36 -0.86 -5.60	36.97 -0.79 0.00	39.78 -0.80 0.00	37.41 -0.76 0.00	37.21 -0.82 0.00	38.14 -1.06 0.00	32.76 -0.91 0.00	31.77 -0.84 0.00
CH_RES_NIAGARA 23895	28.49 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.53 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.65 0.00	25.30 -0.66 0.00	24.96 -0.26 0.00	31.69 -0.28 0.00	32.78 -0.49 0.00	34.45 -1.07 0.00	36.89 -1.26 0.00	38.69 -1.33 0.00	34.67 -0.94 0.00	37.23 -0.54 0.00	39.58 -1.01 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.59 -0.61 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
CH_RES_SYRACUSE 23985	29.74 0.03 0.00	24.29 -0.07 0.00	24.21 -0.09 0.00	23.20 -0.09 0.00	23.36 -0.07 0.00	25.62 0.00 0.00	25.51 0.02 0.00	26.60 0.02 0.00	28.08 0.02 0.00	25.95 -0.01 0.00	25.25 0.02 0.00	32.06 0.09 0.00	33.43 0.16 0.00	35.68 0.16 0.00	38.32 0.17 0.00	40.23 0.21 0.00	33.36 0.42 2.67	38.29 0.52 0.00	41.16 0.57 0.00	38.72 0.55 0.00	38.43 0.39 0.00	39.65 0.45 0.00	33.94 0.27 0.00	32.77 0.17 0.00
CLINTON_WT_PWR 323605	29.84 0.13 0.00	24.58 0.23 0.00	24.63 0.33 0.00	23.59 0.30 0.00	23.75 0.33 0.00	25.96 0.35 0.00	25.69 0.20 0.00	26.70 0.12 0.00	28.26 0.21 0.00	26.12 0.16 0.00	25.56 0.34 0.00	32.49 0.52 0.00	33.62 0.36 0.00	35.87 0.36 0.00	38.35 0.20 0.00	39.86 -0.16 0.00	27.63 -0.86 7.12	36.86 -0.90 0.00	39.98 -0.61 0.00	37.64 -0.53 0.00	37.47 -0.57 0.00	38.38 -0.82 0.00	33.03 -0.64 0.00	31.56 -1.05 0.00
CLINTON___LFGE 323618	30.66 0.95 0.00	25.23 0.88 0.00	25.28 0.98 0.00	24.23 0.94 0.00	24.46 1.03 0.00	26.76 1.14 0.00	26.55 1.07 0.00	27.57 0.99 0.00	29.15 1.09 0.00	26.88 0.92 0.00	26.36 1.14 0.00	33.63 1.66 0.00	34.81 1.54 0.00	37.18 1.66 0.00	39.54 1.40 0.00	41.02 1.00 0.00	24.58 0.18 11.22	37.70 -0.06 0.00	40.98 0.40 0.00	38.74 0.56 0.00	38.55 0.51 0.00	39.45 0.25 0.00	33.88 0.21 0.00	31.67 -0.93 0.00
COBBLENY_34_KV_TB1 80064	29.35 -0.36 0.00	23.80 -0.56 0.00	23.93 -0.37 0.00	22.86 -0.43 0.00	23.09 -0.33 0.00	25.28 -0.34 0.00	25.28 -0.21 0.00	26.55 -0.04 0.00	28.36 0.30 0.00	26.17 0.22 0.00	25.81 0.58 0.00	32.80 0.83 0.00	34.01 0.75 0.00	36.26 0.40 -0.35	41.65 0.30 -3.20	44.22 0.41 -3.79	39.31 0.67 -3.03	42.01 1.10 -3.14	43.94 0.75 -2.61	40.86 0.68 -2.01	38.30 0.26 0.00	40.15 0.95 0.00	34.54 0.86 0.00	33.11 0.50 0.00
COFFEEN___115KV_TB3 355620	29.51 -0.20 0.00	24.23 -0.12 0.00	24.29 -0.01 0.00	23.23 -0.06 0.00	23.35 -0.07 0.00	25.71 0.09 0.00	25.58 0.10 0.00	26.63 0.05 0.00	28.00 -0.06 0.00	25.76 -0.19 0.00	24.89 -0.34 0.00	31.41 -0.55 0.00	32.56 -0.71 0.00	34.75 -0.76 0.00	37.11 -1.03 0.00	38.84 -1.18 0.00	4.13 -0.99 30.49	37.18 -0.58 0.00	40.32 -0.27 0.00	38.34 0.17 0.00	38.19 0.16 0.00	38.89 -0.32 0.00	32.80 -0.87 0.00	31.72 -0.89 0.00
COLDSPRG_115KV_BK1 355956	29.99 0.28 0.00	24.24 -0.11 0.00	24.35 0.05 0.00	23.24 -0.05 0.00	23.54 0.11 0.00	25.87 0.25 0.00	25.95 0.47 0.00	27.36 0.78 0.00	29.23 1.17 0.00	26.95 1.00 0.00	26.54 1.31 0.00	33.69 1.72 0.00	34.99 1.72 0.00	37.40 1.57 -0.32	42.56 1.44 -2.97	45.20 1.66 -3.52	40.35 1.92 -2.82	42.95 2.26 -2.92	45.01 2.01 -2.42	41.85 1.81 -1.87	39.39 1.35 0.00	41.20 2.00 0.00	35.31 1.64 0.00	33.74 1.14 0.00
COLONIE_LFGE___ 323577	30.67 0.96 0.00	25.09 0.74 0.00	25.01 0.72 0.00	23.99 0.70 0.00	24.14 0.72 0.00	26.43 0.82 0.00	26.44 0.96 0.00	27.61 1.03 0.00	29.07 1.01 0.00	26.79 0.83 0.00	26.93 0.65 -1.06	32.79 0.82 0.00	34.17 0.90 0.00	36.43 0.92 0.00	39.07 0.93 0.00	41.09 1.07 0.00	36.90 1.28 0.00	39.01 1.24 0.00	42.11 1.53 0.00	39.79 1.62 0.00	39.70 1.66 0.00	40.93 1.72 0.00	34.96 1.29 0.00	33.96 1.35 0.00
COOPERNY_115KV_TB1 80082	30.36 0.66 0.00	24.76 0.40 0.00	24.60 0.30 0.00	23.58 0.29 0.00	23.72 0.29 0.00	26.02 0.40 0.00	26.06 0.58 0.00	27.34 0.75 0.00	28.91 0.85 0.00	26.79 0.84 0.00	23.66 0.84 2.41	33.12 1.16 0.00	34.56 1.29 0.00	36.88 1.36 0.00	39.60 1.45 0.00	41.63 1.61 0.00	37.40 1.78 0.00	39.56 1.79 0.00	42.43 1.84 0.00	39.82 1.65 0.00	39.55 1.51 0.00	40.78 1.58 0.00	34.84 1.17 0.00	33.74 1.13 0.00
COPENHAGEN_WT_PWR 323753	29.27 -0.44 0.00	24.09 -0.27 0.00	24.14 -0.16 0.00	23.10 -0.20 0.00	23.20 -0.22 0.00	25.54 -0.08 0.00	25.40 -0.08 0.00	26.43 -0.16 0.00	27.80 -0.26 0.00	25.61 -0.35 0.00	24.78 -0.44 0.00	31.30 -0.67 0.00	32.44 -0.83 0.00	34.56 -0.95 0.00	36.92 -1.23 0.00	38.66 -1.36 0.00	5.58 -1.18 28.85	36.90 -0.86 0.00	39.87 -0.71 0.00	37.83 -0.34 0.00	37.55 -0.49 0.00	38.15 -1.05 0.00	32.17 -1.50 0.00	31.23 -1.38 0.00
CORNELL_____ 23752	30.22 0.52 0.00	24.64 0.28 0.00	24.57 0.27 0.00	23.52 0.22 0.00	23.69 0.27 0.00	25.98 0.36 0.00	25.96 0.48 0.00	27.16 0.58 0.00	28.75 0.70 0.00	26.47 0.51 0.00	25.69 0.47 0.00	32.49 0.52 0.00	33.87 0.60 0.00	36.18 0.66 0.00	38.82 0.68 0.00	40.76 0.74 0.00	36.66 1.04 0.00	39.05 1.29 0.00	42.04 1.45 0.00	39.68 1.50 0.00	39.43 1.39 0.00	40.69 1.49 0.00	34.77 1.09 0.00	33.49 0.89 0.00

CORONA V_69_KV_TB1 355595	32.31 1.89 -0.71	25.67 1.31 0.00	25.36 1.06 0.00	24.27 0.98 0.00	24.43 1.00 0.00	26.86 1.24 0.00	26.99 1.51 0.00	28.46 1.87 0.00	30.11 2.05 0.00	28.00 2.05 0.00	33.89 2.14 -6.53	34.71 2.74 0.00	36.28 3.02 0.00	38.64 3.13 0.00	41.49 3.34 0.00	43.59 3.57 0.00	39.29 3.68 0.00	41.54 3.77 0.00	44.36 3.78 0.00	41.60 3.43 0.00	42.13 3.33 -0.76	42.66 3.46 0.00	36.39 2.71 0.00	35.16 2.55 0.00
CORTLAND_115KV_TB3 80093	30.10 0.40 0.00	24.57 0.21 0.00	24.49 0.19 0.00	23.45 0.16 0.00	23.62 0.20 0.00	25.90 0.28 0.00	25.86 0.38 0.00	27.05 0.46 0.00	28.56 0.50 0.00	26.32 0.36 0.00	25.57 0.34 0.00	32.40 0.43 0.00	33.77 0.50 0.00	36.08 0.56 0.00	38.72 0.57 0.00	40.67 0.65 0.00	33.93 0.89 2.58	38.75 0.99 0.00	41.71 1.12 0.00	39.34 1.16 0.00	39.12 1.08 0.00	40.36 1.16 0.00	34.50 0.82 0.00	33.28 0.67 0.00
COXSACKIE__GT 23611	31.34 1.64 0.00	25.65 1.29 0.00	25.56 1.26 0.00	24.50 1.21 0.00	24.65 1.22 0.00	27.01 1.40 0.00	27.07 1.59 0.00	28.22 1.63 0.00	29.52 1.46 0.00	26.97 1.01 0.00	25.93 0.70 0.00	32.73 0.76 0.00	34.21 0.94 0.00	36.58 1.06 0.00	39.33 1.18 0.00	41.64 1.62 0.00	38.38 2.76 0.00	40.68 2.92 0.00	43.76 3.17 0.00	41.30 3.13 0.00	41.24 3.21 0.00	42.35 3.15 0.00	36.01 2.33 0.00	34.74 2.14 0.00
CPV_VALLEY__CC1 323721	30.43 0.73 0.00	24.80 0.44 0.00	24.62 0.32 0.00	23.60 0.31 0.00	23.74 0.31 0.00	26.06 0.44 0.00	26.14 0.65 0.00	27.45 0.86 0.00	29.05 0.99 0.00	26.93 0.98 0.00	22.44 0.98 3.76	33.31 1.34 0.00	34.75 1.48 0.00	37.08 1.56 0.00	39.82 1.67 0.00	41.86 1.84 0.00	37.68 2.06 0.00	39.83 2.06 0.00	42.68 2.09 0.00	40.05 1.88 0.00	39.76 1.72 0.00	40.94 1.74 0.00	34.96 1.28 0.00	33.86 1.26 0.00
CPV_VALLEY__CC2 323722	30.43 0.73 0.00	24.80 0.44 0.00	24.62 0.32 0.00	23.60 0.31 0.00	23.74 0.31 0.00	26.06 0.44 0.00	26.14 0.65 0.00	27.45 0.86 0.00	29.05 0.99 0.00	26.93 0.98 0.00	22.44 0.98 3.76	33.31 1.34 0.00	34.75 1.48 0.00	37.08 1.56 0.00	39.82 1.67 0.00	41.86 1.84 0.00	37.68 2.06 0.00	39.83 2.06 0.00	42.68 2.09 0.00	40.05 1.88 0.00	39.76 1.72 0.00	40.94 1.74 0.00	34.96 1.28 0.00	33.86 1.26 0.00
CRESCENT__HYD 24018	30.67 0.96 0.00	25.09 0.74 0.00	25.01 0.72 0.00	23.99 0.70 0.00	24.14 0.72 0.00	26.43 0.82 0.00	26.44 0.96 0.00	27.61 1.03 0.00	29.07 1.01 0.00	26.79 0.83 0.00	26.93 0.65 -1.06	32.79 0.82 0.00	34.17 0.90 0.00	36.43 0.92 0.00	39.07 0.93 0.00	41.09 1.07 0.00	36.90 1.28 0.00	39.01 1.24 0.00	42.11 1.53 0.00	39.79 1.62 0.00	39.70 1.66 0.00	40.93 1.72 0.00	34.96 1.29 0.00	33.96 1.35 0.00
CRICKET__VALLEY_CC1 323756	30.62 0.91 0.00	24.93 0.57 0.00	24.75 0.46 0.00	23.74 0.45 0.00	23.89 0.46 0.00	26.21 0.59 0.00	26.31 0.83 0.00	27.62 1.04 0.00	29.19 1.13 0.00	27.02 1.07 0.00	28.80 1.01 -2.57	33.32 1.35 0.00	34.75 1.49 0.00	37.06 1.55 0.00	39.74 1.60 0.00	41.79 1.77 0.00	37.65 2.04 0.00	39.79 2.03 0.00	42.71 2.12 0.00	40.19 2.01 0.00	39.93 1.89 0.00	41.17 1.97 0.00	35.09 1.42 0.00	34.05 1.44 0.00
CRICKET__VALLEY_CC2 323757	30.62 0.91 0.00	24.93 0.57 0.00	24.75 0.46 0.00	23.74 0.45 0.00	23.89 0.46 0.00	26.21 0.59 0.00	26.31 0.83 0.00	27.62 1.04 0.00	29.19 1.13 0.00	27.02 1.07 0.00	28.80 1.01 -2.57	33.32 1.35 0.00	34.75 1.49 0.00	37.06 1.55 0.00	39.74 1.60 0.00	41.79 1.77 0.00	37.65 2.04 0.00	39.79 2.03 0.00	42.71 2.12 0.00	40.19 2.01 0.00	39.93 1.89 0.00	41.17 1.97 0.00	35.09 1.42 0.00	34.05 1.44 0.00
CRICKET__VALLEY_CC3 323758	30.62 0.91 0.00	24.93 0.57 0.00	24.75 0.46 0.00	23.74 0.45 0.00	23.89 0.46 0.00	26.21 0.59 0.00	26.31 0.83 0.00	27.62 1.04 0.00	29.19 1.13 0.00	27.02 1.07 0.00	28.80 1.01 -2.57	33.32 1.35 0.00	34.75 1.49 0.00	37.06 1.55 0.00	39.74 1.60 0.00	41.79 1.77 0.00	37.65 2.04 0.00	39.79 2.03 0.00	42.71 2.12 0.00	40.19 2.01 0.00	39.93 1.89 0.00	41.17 1.97 0.00	35.09 1.42 0.00	34.05 1.44 0.00
CRUCIBLE_METL_DRP 24180	29.74 0.03 0.00	24.29 -0.07 0.00	24.21 -0.09 0.00	23.20 -0.09 0.00	23.36 -0.07 0.00	25.62 0.00 0.00	25.51 0.02 0.00	26.60 0.02 0.00	28.08 0.02 0.00	25.95 -0.01 0.00	25.25 0.03 0.00	32.06 0.09 0.00	33.43 0.16 0.00	35.68 0.16 0.00	38.32 0.17 0.00	40.23 0.21 0.00	33.36 0.42 2.67	38.29 0.52 0.00	41.16 0.57 0.00	38.72 0.55 0.00	38.43 0.39 0.00	39.65 0.45 0.00	33.94 0.26 0.00	32.77 0.16 0.00
DAHOWA__HYDRO 323763	31.51 1.80 0.00	25.65 1.30 0.00	25.60 1.30 0.00	24.55 1.26 0.00	24.73 1.31 0.00	27.09 1.47 0.00	27.13 1.64 0.00	28.38 1.79 0.00	29.79 1.74 0.00	27.34 1.39 0.00	27.32 1.10 -1.00	33.41 1.44 0.00	34.79 1.52 0.00	37.10 1.59 0.00	39.97 1.82 0.00	42.38 2.36 0.00	38.01 2.39 0.00	40.28 2.51 0.00	43.70 3.12 0.00	41.27 3.09 0.00	41.24 3.20 0.00	42.42 3.22 0.00	36.14 2.46 0.00	35.04 2.43 0.00
DANC__LFGE 323619	29.15 -0.55 0.00	23.93 -0.43 0.00	23.93 -0.36 0.00	22.92 -0.37 0.00	23.04 -0.38 0.00	25.31 -0.31 0.00	25.19 -0.29 0.00	26.22 -0.36 0.00	27.63 -0.43 0.00	25.48 -0.47 0.00	24.70 -0.53 0.00	31.24 -0.72 0.00	32.45 -0.82 0.00	34.60 -0.92 0.00	37.01 -1.14 0.00	38.82 -1.20 0.00	14.83 -0.97 19.82	37.03 -0.74 0.00	39.94 -0.64 0.00	37.79 -0.38 0.00	37.53 -0.50 0.00	38.38 -0.82 0.00	32.60 -1.07 0.00	31.57 -1.04 0.00
DANSKAMMER__1 23586	31.07 1.36 0.00	25.27 0.91 0.00	25.07 0.78 0.00	24.02 0.73 0.00	24.17 0.75 0.00	26.54 0.92 0.00	26.65 1.17 0.00	28.02 1.44 0.00	29.67 1.61 0.00	27.52 1.56 0.00	26.78 1.55 0.00	34.06 2.10 0.00	35.59 2.32 0.00	37.98 2.47 0.00	40.83 2.68 0.00	42.96 2.94 0.00	38.75 3.13 0.00	40.98 3.22 0.00	43.86 3.27 0.00	41.12 2.95 0.00	40.81 2.77 0.00	42.01 2.81 0.00	35.81 2.13 0.00	34.64 2.03 0.00
DANSKAMMER__2 23589	31.07 1.36 0.00	25.27 0.91 0.00	25.07 0.78 0.00	24.02 0.73 0.00	24.17 0.75 0.00	26.54 0.92 0.00	26.65 1.17 0.00	28.02 1.44 0.00	29.67 1.61 0.00	27.52 1.56 0.00	26.78 1.55 0.00	34.06 2.10 0.00	35.59 2.32 0.00	37.98 2.47 0.00	40.83 2.68 0.00	42.96 2.94 0.00	38.75 3.13 0.00	40.98 3.22 0.00	43.86 3.27 0.00	41.12 2.95 0.00	40.81 2.77 0.00	42.01 2.81 0.00	35.81 2.13 0.00	34.64 2.03 0.00
DANSKAMMER__3 23590	31.07 1.36 0.00	25.27 0.91 0.00	25.07 0.78 0.00	24.02 0.73 0.00	24.17 0.75 0.00	26.54 0.92 0.00	26.65 1.17 0.00	28.02 1.44 0.00	29.67 1.61 0.00	27.52 1.56 0.00	26.78 1.55 0.00	34.06 2.10 0.00	35.59 2.32 0.00	37.98 2.47 0.00	40.83 2.68 0.00	42.96 2.94 0.00	38.75 3.13 0.00	40.98 3.22 0.00	43.86 3.27 0.00	41.12 2.95 0.00	40.81 2.77 0.00	42.01 2.81 0.00	35.81 2.13 0.00	34.64 2.03 0.00

DANSKAMMER___4 23591	31.07 1.36 0.00	25.27 0.91 0.00	25.07 0.78 0.00	24.02 0.73 0.00	24.17 0.75 0.00	26.54 0.92 0.00	26.65 1.17 0.00	28.02 1.44 0.00	29.67 1.61 0.00	27.52 1.56 0.00	26.78 1.55 0.00	34.06 2.10 0.00	35.59 2.32 0.00	37.98 2.47 0.00	40.83 2.68 0.00	42.96 2.94 0.00	38.75 3.13 0.00	40.98 3.22 0.00	43.86 3.27 0.00	41.12 2.95 0.00	40.81 2.77 0.00	42.01 2.81 0.00	35.81 2.13 0.00	34.64 2.03 0.00
DANSKAMMER___DIESEL 23592	31.07 1.36 0.00	25.27 0.91 0.00	25.07 0.78 0.00	24.02 0.73 0.00	24.17 0.75 0.00	26.54 0.92 0.00	26.65 1.17 0.00	28.02 1.44 0.00	29.67 1.61 0.00	27.52 1.56 0.00	26.78 1.56 0.00	34.06 2.10 0.00	35.58 2.32 0.00	37.98 2.47 0.00	40.83 2.69 0.00	42.96 2.94 0.00	38.75 3.13 0.00	40.98 3.22 0.00	43.86 3.27 0.00	41.13 2.95 0.00	40.81 2.77 0.00	42.01 2.81 0.00	35.81 2.13 0.00	34.64 2.03 0.00
DARBY___SOLAR 323810	31.36 1.66 0.00	25.56 1.20 0.00	25.50 1.20 0.00	24.45 1.16 0.00	24.62 1.20 0.00	26.97 1.35 0.00	27.00 1.52 0.00	28.24 1.66 0.00	29.67 1.61 0.00	27.26 1.30 0.00	27.27 1.04 -1.01	33.33 1.37 0.00	34.71 1.44 0.00	37.02 1.51 0.00	39.86 1.71 0.00	42.20 2.18 0.00	37.84 2.22 0.00	40.08 2.31 0.00	43.44 2.85 0.00	41.01 2.83 0.00	40.96 2.92 0.00	42.15 2.95 0.00	35.93 2.25 0.00	34.85 2.24 0.00
DASHVILLE___HYD 23610	30.71 1.01 0.00	24.99 0.63 0.00	24.78 0.48 0.00	23.75 0.46 0.00	23.89 0.46 0.00	26.23 0.61 0.00	26.33 0.85 0.00	27.72 1.13 0.00	29.37 1.31 0.00	27.25 1.30 0.00	26.50 1.28 0.00	33.70 1.73 0.00	35.24 1.97 0.00	37.59 2.08 0.00	40.37 2.22 0.00	42.44 2.42 0.00	38.27 2.66 0.00	40.47 2.71 0.00	43.30 2.71 0.00	40.61 2.44 0.00	40.29 2.25 0.00	41.50 2.30 0.00	35.39 1.71 0.00	34.24 1.64 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.69 2.27 -0.71	26.04 1.69 0.00	25.66 1.36 0.00	24.53 1.24 0.00	24.73 1.30 0.00	27.19 1.58 0.00	27.39 1.91 0.00	28.97 2.38 0.00	30.71 2.65 0.00	28.69 2.73 0.00	34.54 2.79 -6.53	35.49 3.52 0.00	37.14 3.87 0.00	39.70 4.18 0.00	42.70 4.55 0.00	44.80 4.78 0.00	40.38 4.77 0.00	42.82 5.05 0.00	45.61 5.02 0.00	42.82 4.65 0.00	43.47 4.66 -0.76	43.77 4.57 0.00	37.11 3.44 0.00	35.75 3.14 0.00
DELAWARE___LFGE 323621	30.40 0.69 0.00	24.81 0.46 0.00	24.71 0.41 0.00	23.68 0.39 0.00	23.82 0.40 0.00	26.11 0.49 0.00	26.12 0.63 0.00	27.35 0.76 0.00	28.91 0.85 0.00	26.75 0.79 0.00	26.01 0.79 0.00	33.02 1.05 0.00	34.41 1.15 0.00	36.73 1.22 0.00	39.40 1.26 0.00	41.39 1.37 0.00	37.11 1.49 0.00	39.28 1.51 0.00	42.14 1.56 0.00	39.64 1.47 0.00	39.45 1.41 0.00	40.66 1.46 0.00	34.80 1.13 0.00	33.66 1.06 0.00
DERFIELD_115KV_TB7 355931	29.77 0.06 0.00	24.38 0.02 0.00	24.30 0.00 0.00	23.29 0.00 0.00	23.43 0.00 0.00	25.65 0.03 0.00	25.56 0.08 0.00	26.69 0.11 0.00	28.17 0.11 0.00	26.06 0.10 0.00	25.29 0.06 0.00	32.06 0.09 0.00	33.39 0.12 0.00	35.64 0.13 0.00	38.29 0.14 0.00	40.20 0.18 0.00	33.30 0.30 2.62	38.04 0.27 0.00	40.87 0.29 0.00	38.47 0.29 0.00	38.31 0.27 0.00	39.49 0.29 0.00	33.86 0.18 0.00	32.80 0.19 0.00
DOGLEVILLE___HYD 23807	29.65 -0.06 0.00	24.26 -0.10 0.00	24.11 -0.19 0.00	23.09 -0.20 0.00	23.26 -0.17 0.00	25.45 -0.17 0.00	25.49 0.01 0.00	26.50 -0.08 0.00	27.75 -0.31 0.00	25.46 -0.50 0.00	24.47 -0.76 0.00	30.94 -1.02 0.00	32.32 -0.95 0.00	34.87 -0.64 0.00	37.80 -0.34 0.00	40.14 0.12 0.00	33.49 0.50 2.62	38.08 0.32 0.00	40.80 0.21 0.00	38.71 0.54 0.00	38.73 0.69 0.00	39.99 0.79 0.00	34.07 0.40 0.00	32.97 0.37 0.00
DUNKIRK___115KV_TB_200 55889	29.41 -0.29 0.00	23.82 -0.53 0.00	23.95 -0.35 0.00	22.85 -0.44 0.00	23.12 -0.31 0.00	25.38 -0.24 0.00	25.38 -0.10 0.00	26.70 0.12 0.00	28.50 0.44 0.00	26.27 0.32 0.00	25.87 0.65 0.00	32.91 0.95 0.00	34.17 0.90 0.00	36.55 0.63 -0.40	42.39 0.55 -3.70	45.11 0.71 -4.37	40.17 1.06 -3.50	42.82 1.43 -3.63	44.66 1.06 -3.01	41.47 0.97 -2.33	38.49 0.46 0.00	40.36 1.15 0.00	34.64 0.97 0.00	33.10 0.49 0.00
DUNKIRK___1 23563	29.41 -0.29 0.00	23.82 -0.53 0.00	23.95 -0.35 0.00	22.85 -0.44 0.00	23.12 -0.31 0.00	25.38 -0.24 0.00	25.38 -0.10 0.00	26.70 0.12 0.00	28.50 0.44 0.00	26.27 0.32 0.00	25.87 0.65 0.00	32.91 0.95 0.00	34.17 0.90 0.00	36.55 0.63 -0.40	42.39 0.55 -3.70	45.11 0.71 -4.37	40.17 1.06 -3.50	42.82 1.43 -3.63	44.66 1.06 -3.01	41.47 0.97 -2.33	38.49 0.46 0.00	40.36 1.15 0.00	34.64 0.97 0.00	33.10 0.49 0.00
DUNKIRK___2 23564	29.41 -0.29 0.00	23.82 -0.53 0.00	23.95 -0.35 0.00	22.85 -0.44 0.00	23.12 -0.31 0.00	25.38 -0.24 0.00	25.38 -0.10 0.00	26.70 0.12 0.00	28.50 0.44 0.00	26.27 0.32 0.00	25.87 0.65 0.00	32.91 0.95 0.00	34.17 0.90 0.00	36.55 0.63 -0.40	42.39 0.55 -3.70	45.11 0.71 -4.37	40.17 1.06 -3.50	42.82 1.43 -3.63	44.66 1.06 -3.01	41.47 0.97 -2.33	38.49 0.46 0.00	40.36 1.15 0.00	34.64 0.97 0.00	33.10 0.49 0.00
DUNKIRK___3 23565	29.28 -0.42 0.00	23.73 -0.63 0.00	23.86 -0.44 0.00	22.76 -0.53 0.00	23.02 -0.40 0.00	25.26 -0.36 0.00	25.26 -0.22 0.00	26.55 -0.04 0.00	28.34 0.28 0.00	26.14 0.18 0.00	25.74 0.52 0.00	32.73 0.76 0.00	33.97 0.70 0.00	36.35 0.41 -0.42	42.37 0.31 -3.92	45.10 0.45 -4.63	40.12 0.80 -3.71	42.77 1.16 -3.85	44.56 0.79 -3.19	41.32 0.69 -2.46	38.25 0.21 0.00	40.09 0.89 0.00	34.45 0.78 0.00	32.95 0.34 0.00
DUNKIRK___4 23566	29.28 -0.42 0.00	23.73 -0.63 0.00	23.86 -0.44 0.00	22.76 -0.53 0.00	23.02 -0.40 0.00	25.26 -0.36 0.00	25.26 -0.22 0.00	26.55 -0.04 0.00	28.34 0.28 0.00	26.14 0.18 0.00	25.74 0.52 0.00	32.73 0.76 0.00	33.97 0.70 0.00	36.35 0.41 -0.42	42.37 0.31 -3.92	45.10 0.45 -4.63	40.12 0.80 -3.71	42.77 1.16 -3.85	44.56 0.79 -3.19	41.32 0.69 -2.46	38.25 0.21 0.00	40.09 0.89 0.00	34.45 0.78 0.00	32.95 0.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.06 1.35 0.00	25.24 0.89 0.00	25.04 0.74 0.00	23.99 0.70 0.00	24.13 0.71 0.00	26.51 0.89 0.00	26.64 1.16 0.00	28.05 1.47 0.00	29.71 1.65 0.00	27.59 1.64 0.00	33.13 1.66 -6.25	34.19 2.22 0.00	35.70 2.43 0.00	38.04 2.53 0.00	40.86 2.71 0.00	42.97 2.95 0.00	38.74 3.12 0.00	40.91 3.15 0.00	43.77 3.18 0.00	41.01 2.84 0.00	40.71 2.67 0.00	41.95 2.75 0.00	35.77 2.10 0.00	34.66 2.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.83 1.13 0.00	25.09 0.73 0.00	24.89 0.60 0.00	23.86 0.56 0.00	24.00 0.57 0.00	26.35 0.74 0.00	26.45 0.97 0.00	27.81 1.22 0.00	29.44 1.38 0.00	27.30 1.34 0.00	24.69 1.34 1.87	33.79 1.82 0.00	35.28 2.02 0.00	37.65 2.14 0.00	40.47 2.33 0.00	42.55 2.53 0.00	38.39 2.77 0.00	40.59 2.83 0.00	43.45 2.87 0.00	40.75 2.57 0.00	40.43 2.39 0.00	41.63 2.43 0.00	35.51 1.84 0.00	34.37 1.76 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.17 1.47 0.00	25.37 1.02 0.00	25.15 0.85 0.00	24.13 0.84 0.00	24.25 0.83 0.00	26.66 1.05 0.00	26.80 1.31 0.00	28.19 1.60 0.00	29.84 1.78 0.00	27.72 1.76 0.00	33.24 1.76 -6.25	34.33 2.36 0.00	35.81 2.54 0.00	38.16 2.65 0.00	41.06 2.91 0.00	43.14 3.12 0.00	38.87 3.26 0.00	41.02 3.26 0.00	43.84 3.25 0.00	41.15 2.98 0.00	40.85 2.82 0.00	42.10 2.90 0.00	35.90 2.23 0.00	34.80 2.19 0.00
E179THST_13_KV_LOAD 356214	31.34 1.64 0.00	25.50 1.15 0.00	25.28 0.98 0.00	24.25 0.96 0.00	24.37 0.94 0.00	26.79 1.18 0.00	26.93 1.45 0.00	28.33 1.75 0.00	30.01 1.95 0.00	27.88 1.92 0.00	33.39 1.92 -6.25	34.53 2.57 0.00	36.01 2.74 0.00	38.39 2.88 0.00	41.30 3.15 0.00	43.40 3.38 0.00	39.11 3.50 0.00	41.28 3.51 0.00	44.12 3.53 0.00	41.40 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.12 2.45 0.00	34.99 2.39 0.00
EAST HAMPTON___GT 23717	33.10 2.69 -0.71	26.41 2.05 0.00	26.04 1.73 0.00	24.90 1.61 0.00	25.12 1.69 0.00	27.63 2.01 0.00	27.83 2.35 0.00	29.46 2.88 0.00	31.26 3.20 0.00	29.23 3.28 0.00	35.11 3.36 -6.53	36.20 4.23 0.00	37.80 4.53 0.00	40.46 4.94 0.00	43.48 5.33 0.00	45.65 5.63 0.00	41.14 5.52 0.00	43.66 5.90 0.00	46.48 5.89 0.00	43.59 5.42 0.00	44.22 5.41 -0.76	44.63 5.43 0.00	37.84 4.17 0.00	36.40 3.80 0.00
EAST RIVER___6 23660	31.15 1.45 0.00	25.33 0.97 0.00	25.11 0.81 0.00	24.06 0.77 0.00	24.20 0.77 0.00	26.58 0.96 0.00	26.72 1.23 0.00	28.13 1.54 0.00	29.80 1.74 0.00	27.73 1.77 0.00	33.31 1.84 -6.25	34.49 2.52 0.00	36.00 2.73 0.00	38.35 2.84 0.00	41.17 3.02 0.00	43.29 3.27 0.00	39.06 3.45 0.00	41.18 3.42 0.00	44.00 3.41 0.00	41.21 3.04 0.00	40.89 2.86 0.00	42.12 2.92 0.00	35.95 2.28 0.00	34.82 2.22 0.00
EAST RIVER___7 23524	31.15 1.45 0.00	25.33 0.97 0.00	25.11 0.81 0.00	24.06 0.77 0.00	24.20 0.77 0.00	26.58 0.96 0.00	26.72 1.23 0.00	28.13 1.54 0.00	29.80 1.74 0.00	27.73 1.77 0.00	33.31 1.84 -6.25	34.49 2.52 0.00	36.00 2.73 0.00	38.35 2.84 0.00	41.17 3.02 0.00	43.29 3.27 0.00	39.06 3.45 0.00	41.18 3.42 0.00	44.00 3.41 0.00	41.21 3.04 0.00	40.89 2.86 0.00	42.12 2.92 0.00	35.95 2.28 0.00	34.82 2.22 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.98 1.28 0.00	25.20 0.84 0.00	24.99 0.69 0.00	23.95 0.66 0.00	24.09 0.66 0.00	26.46 0.84 0.00	26.59 1.10 0.00	27.98 1.40 0.00	29.64 1.58 0.00	27.52 1.56 0.00	33.47 1.58 -6.67	34.09 2.12 0.00	35.60 2.33 0.00	37.94 2.42 0.00	40.75 2.60 0.00	42.85 2.83 0.00	38.63 3.01 0.00	40.80 3.04 0.00	43.65 3.07 0.00	40.91 2.74 0.00	40.61 2.57 0.00	41.83 2.63 0.00	35.69 2.01 0.00	34.56 1.95 0.00
EAST_HAMPTON___DIESEL 23722	33.10 2.68 -0.71	26.41 2.06 0.00	26.04 1.74 0.00	24.91 1.61 0.00	25.12 1.70 0.00	27.63 2.01 0.00	27.84 2.36 0.00	29.47 2.89 0.00	31.27 3.21 0.00	29.25 3.30 0.00	35.13 3.37 -6.53	36.21 4.25 0.00	37.83 4.56 0.00	40.48 4.97 0.00	43.50 5.35 0.00	45.67 5.65 0.00	41.17 5.55 0.00	43.68 5.92 0.00	46.50 5.91 0.00	43.61 5.44 0.00	44.24 5.43 -0.76	44.64 5.43 0.00	37.86 4.18 0.00	36.41 3.80 0.00
EAST_POINT___SOLAR 323840	31.60 1.90 0.00	25.81 1.45 0.00	25.72 1.42 0.00	24.63 1.34 0.00	24.78 1.36 0.00	27.16 1.54 0.00	27.08 1.60 0.00	27.73 1.15 0.00	28.79 0.73 0.00	26.13 0.18 0.00	25.47 0.24 0.00	32.19 0.22 0.00	33.55 0.29 0.00	36.58 1.07 0.00	40.33 2.18 0.00	43.13 3.11 0.00	38.23 2.62 0.00	40.18 2.42 0.00	43.18 2.60 0.00	40.91 2.74 0.00	40.78 2.75 0.00	42.10 2.90 0.00	36.03 2.36 0.00	34.71 2.10 0.00
EAST_PULASKI___ESR 323781	29.14 -0.57 0.00	23.86 -0.50 0.00	23.83 -0.47 0.00	22.82 -0.47 0.00	22.96 -0.46 0.00	25.18 -0.44 0.00	25.08 -0.40 0.00	26.13 -0.46 0.00	27.54 -0.51 0.00	25.44 -0.52 0.00	24.69 -0.53 0.00	31.28 -0.68 0.00	32.56 -0.71 0.00	34.72 -0.79 0.00	37.16 -0.98 0.00	39.00 -1.02 0.00	24.15 -0.73 10.73	37.16 -0.60 0.00	40.04 -0.54 0.00	37.79 -0.39 0.00	37.56 -0.48 0.00	38.70 -0.50 0.00	33.08 -0.60 0.00	31.97 -0.64 0.00
EAST_RIVER___1 323558	31.15 1.45 0.00	25.31 0.95 0.00	25.09 0.79 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.15 1.56 0.00	29.84 1.78 0.00	27.74 1.78 0.00	33.29 1.81 -6.25	34.43 2.46 0.00	35.95 2.68 0.00	38.29 2.77 0.00	41.12 2.98 0.00	43.24 3.22 0.00	39.00 3.39 0.00	41.15 3.39 0.00	43.96 3.38 0.00	41.17 3.00 0.00	40.86 2.82 0.00	42.11 2.91 0.00	35.92 2.25 0.00	34.80 2.19 0.00
EAST_RIVER___2 323559	31.15 1.45 0.00	25.33 0.97 0.00	25.11 0.81 0.00	24.06 0.77 0.00	24.20 0.77 0.00	26.58 0.96 0.00	26.72 1.23 0.00	28.13 1.54 0.00	29.80 1.74 0.00	27.73 1.77 0.00	33.31 1.84 -6.25	34.49 2.52 0.00	36.00 2.73 0.00	38.35 2.84 0.00	41.17 3.02 0.00	43.29 3.27 0.00	39.06 3.45 0.00	41.18 3.42 0.00	44.00 3.41 0.00	41.21 3.04 0.00	40.89 2.86 0.00	42.12 2.92 0.00	35.95 2.28 0.00	34.82 2.22 0.00
EAST___DELAWARE_HYD 23607	30.31 0.60 0.00	24.66 0.31 0.00	24.46 0.16 0.00	23.43 0.14 0.00	23.56 0.14 0.00	25.87 0.25 0.00	25.97 0.48 0.00	27.29 0.71 0.00	28.88 0.82 0.00	26.77 0.81 0.00	24.73 0.80 1.30	33.10 1.13 0.00	34.63 1.36 0.00	36.80 1.28 0.00	38.78 0.63 0.00	40.91 0.89 0.00	36.90 1.29 0.00	39.03 1.27 0.00	41.92 1.33 0.00	39.27 1.10 0.00	38.96 0.92 0.00	41.82 2.62 0.00	35.98 2.30 0.00	34.75 2.15 0.00
EIGHT_POINT___WT_PWR 323820	30.79 1.08 0.00	24.64 0.29 0.00	24.79 0.49 0.00	23.28 -0.01 0.00	23.48 0.05 0.00	25.78 0.16 0.00	26.05 0.57 0.00	27.53 0.95 0.00	29.29 1.24 0.00	27.12 1.17 0.00	26.65 1.42 0.00	33.71 1.75 0.00	35.32 2.06 0.00	37.69 2.01 -0.16	41.52 1.88 -1.49	43.66 1.87 -1.77	39.07 2.05 -1.41	41.73 2.51 -1.45	44.44 2.64 -1.20	42.06 2.96 -0.94	40.68 2.64 0.00	42.38 3.18 0.00	36.25 2.58 0.00	34.78 2.17 0.00
ELBRIDGE_115KV_TB2 80188	29.48 -0.22 0.00	24.09 -0.27 0.00	24.03 -0.27 0.00	23.02 -0.27 0.00	23.18 -0.25 0.00	25.39 -0.23 0.00	25.30 -0.18 0.00	26.39 -0.19 0.00	27.84 -0.22 0.00	25.74 -0.22 0.00	25.04 -0.18 0.00	31.80 -0.17 0.00	33.14 -0.13 0.00	35.35 -0.16 0.00	37.96 -0.19 0.00	39.86 -0.16 0.00	33.25 0.09 2.45	37.94 0.17 0.00	40.78 0.19 0.00	38.37 0.20 0.00	38.09 0.05 0.00	39.33 0.13 0.00	33.68 0.01 0.00	32.52 -0.08 0.00
ELEC_TRO_TEK 24086	32.12 1.70 -0.71	25.53 1.17 0.00	25.22 0.92 0.00	24.13 0.84 0.00	24.29 0.87 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.33 1.75 0.00	29.96 1.90 0.00	27.86 1.91 0.00	33.73 1.98 -6.53	34.51 2.54 0.00	36.05 2.78 0.00	38.38 2.87 0.00	41.20 3.06 0.00	43.29 3.27 0.00	39.00 3.39 0.00	41.20 3.43 0.00	44.00 3.42 0.00	41.25 3.08 0.00	41.83 3.03 -0.76	42.34 3.14 0.00	36.10 2.43 0.00	34.89 2.28 0.00

ELLENBURG_WT_PWR 323604	29.84 0.13 0.00	24.58 0.23 0.00	24.63 0.33 0.00	23.59 0.30 0.00	23.75 0.33 0.00	25.96 0.35 0.00	25.69 0.20 0.00	26.70 0.12 0.00	28.26 0.21 0.00	26.12 0.16 0.00	25.56 0.34 0.00	32.49 0.52 0.00	33.62 0.36 0.00	35.87 0.36 0.00	38.35 0.20 0.00	39.86 -0.16 0.00	27.63 -0.86 7.12	36.86 -0.90 0.00	39.98 -0.61 0.00	37.64 -0.53 0.00	37.47 -0.57 0.00	38.38 -0.82 0.00	33.03 -0.64 0.00	31.56 -1.05 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.07 -0.64 0.00	23.59 -0.76 0.00	23.73 -0.56 0.00	22.68 -0.61 0.00	22.90 -0.53 0.00	25.06 -0.55 0.00	25.04 -0.44 0.00	26.26 -0.33 0.00	28.05 -0.01 0.00	25.89 -0.07 0.00	25.54 0.31 0.00	32.44 0.48 0.00	33.61 0.35 0.00	36.15 -0.05 -0.68	44.31 -0.17 -6.33	47.38 -0.13 -7.48	41.80 0.19 -5.99	44.58 0.60 -6.22	45.96 0.21 -5.15	42.32 0.17 -3.98	37.82 -0.22 0.00	39.65 0.45 0.00	34.15 0.47 0.00	32.76 0.15 0.00
EMPIRE_CC_1 323656	30.13 0.42 0.00	24.75 0.40 0.00	24.67 0.37 0.00	23.67 0.37 0.00	23.80 0.37 0.00	26.05 0.43 0.00	26.04 0.56 0.00	27.21 0.63 0.00	28.65 0.60 0.00	26.46 0.50 0.00	26.86 0.29 -1.36	32.28 0.32 0.00	33.64 0.37 0.00	35.86 0.35 0.00	38.38 0.23 0.00	40.28 0.25 0.00	36.19 0.57 0.00	38.22 0.46 0.00	41.21 0.62 0.00	38.94 0.77 0.00	38.84 0.80 0.00	40.05 0.85 0.00	34.24 0.57 0.00	33.30 0.69 0.00
EMPIRE_CC_2 323658	30.13 0.42 0.00	24.75 0.40 0.00	24.67 0.37 0.00	23.67 0.37 0.00	23.80 0.37 0.00	26.05 0.43 0.00	26.04 0.56 0.00	27.21 0.63 0.00	28.65 0.60 0.00	26.46 0.50 0.00	26.86 0.29 -1.36	32.28 0.32 0.00	33.64 0.37 0.00	35.86 0.35 0.00	38.38 0.23 0.00	40.28 0.25 0.00	36.19 0.57 0.00	38.22 0.46 0.00	41.21 0.62 0.00	38.94 0.77 0.00	38.84 0.80 0.00	40.05 0.85 0.00	34.24 0.57 0.00	33.30 0.69 0.00
ENORWICH_115KV_TB1 80156	31.47 1.77 0.00	25.61 1.25 0.00	25.56 1.27 0.00	24.47 1.17 0.00	24.68 1.26 0.00	27.12 1.50 0.00	27.19 1.71 0.00	28.49 1.91 0.00	30.07 2.01 0.00	27.49 1.53 0.00	26.79 1.57 0.00	33.71 1.74 0.00	35.13 1.87 0.00	37.52 2.01 0.00	40.10 1.95 0.00	41.99 1.97 0.00	37.81 2.20 0.00	40.64 2.88 0.00	43.78 3.20 0.00	41.48 3.31 0.00	41.30 3.27 0.00	42.66 3.46 0.00	36.38 2.70 0.00	34.99 2.39 0.00
ERIE_ST__34_KV_TB1-2 80199	29.41 -0.30 0.00	23.83 -0.53 0.00	23.93 -0.37 0.00	22.86 -0.43 0.00	23.08 -0.34 0.00	25.30 -0.32 0.00	25.28 -0.20 0.00	26.54 -0.04 0.00	28.38 0.32 0.00	26.23 0.27 0.00	25.86 0.63 0.00	32.84 0.88 0.00	34.06 0.79 0.00	36.33 0.50 -0.31	41.45 0.41 -2.90	43.99 0.54 -3.43	39.20 0.84 -2.74	41.90 1.30 -2.85	43.88 0.94 -2.36	40.82 0.83 -1.82	38.47 0.43 0.00	40.31 1.11 0.00	34.62 0.95 0.00	33.19 0.58 0.00
ERIE_WT_PWR 323693	29.24 -0.47 0.00	23.71 -0.64 0.00	23.85 -0.45 0.00	22.78 -0.51 0.00	23.01 -0.42 0.00	25.20 -0.42 0.00	25.18 -0.31 0.00	26.41 -0.17 0.00	28.21 0.15 0.00	26.04 0.08 0.00	25.69 0.47 0.00	32.64 0.68 0.00	33.83 0.57 0.00	36.10 0.22 -0.37	41.71 0.11 -3.45	44.30 0.19 -4.09	39.37 0.49 -3.27	42.08 0.92 -3.39	43.95 0.55 -2.81	40.82 0.48 -2.17	38.12 0.08 0.00	39.95 0.74 0.00	34.39 0.71 0.00	32.96 0.35 0.00
ESPRGFLD_115KV_TB1 80157	31.18 1.48 0.00	25.45 1.09 0.00	25.36 1.07 0.00	24.30 1.01 0.00	24.44 1.01 0.00	26.78 1.17 0.00	26.76 1.27 0.00	27.94 1.35 0.00	29.50 1.44 0.00	27.24 1.29 0.00	26.52 1.30 0.00	33.67 1.70 0.00	35.04 1.77 0.00	37.58 2.06 0.00	40.41 2.26 0.00	42.62 2.60 0.00	37.89 2.27 0.00	40.22 2.45 0.00	43.12 2.54 0.00	40.50 2.33 0.00	40.27 2.23 0.00	41.54 2.34 0.00	35.63 1.95 0.00	34.30 1.69 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.19 0.49 0.00	24.62 0.26 0.00	24.56 0.26 0.00	23.51 0.22 0.00	23.67 0.25 0.00	25.96 0.35 0.00	25.94 0.46 0.00	27.13 0.55 0.00	28.72 0.66 0.00	26.43 0.47 0.00	25.66 0.44 0.00	32.42 0.46 0.00	33.81 0.55 0.00	36.10 0.59 0.00	38.76 0.61 0.00	40.68 0.66 0.00	36.56 0.94 0.00	38.95 1.18 0.00	41.93 1.34 0.00	39.57 1.40 0.00	39.32 1.29 0.00	40.59 1.39 0.00	34.68 1.01 0.00	33.43 0.83 0.00
ETNA____115KV_TB2 80207	30.19 0.49 0.00	24.62 0.26 0.00	24.56 0.26 0.00	23.51 0.22 0.00	23.67 0.25 0.00	25.96 0.35 0.00	25.94 0.46 0.00	27.13 0.55 0.00	28.72 0.66 0.00	26.43 0.47 0.00	25.66 0.44 0.00	32.42 0.46 0.00	33.81 0.55 0.00	36.10 0.59 0.00	38.76 0.61 0.00	40.68 0.66 0.00	36.56 0.94 0.00	38.95 1.18 0.00	41.93 1.34 0.00	39.57 1.40 0.00	39.32 1.29 0.00	40.59 1.39 0.00	34.68 1.01 0.00	33.43 0.83 0.00
EUCLID__115KV_TB2 356179	29.32 -0.38 0.00	23.97 -0.38 0.00	23.91 -0.38 0.00	22.91 -0.38 0.00	23.06 -0.36 0.00	25.26 -0.36 0.00	25.16 -0.32 0.00	26.24 -0.34 0.00	27.73 -0.33 0.00	25.65 -0.31 0.00	24.95 -0.27 0.00	31.67 -0.30 0.00	33.00 -0.27 0.00	35.21 -0.30 0.00	37.81 -0.34 0.00	39.69 -0.34 0.00	32.22 -0.09 3.31	37.74 -0.03 0.00	40.53 -0.06 0.00	38.14 -0.03 0.00	37.87 -0.16 0.00	39.10 -0.11 0.00	33.49 -0.19 0.00	32.35 -0.25 0.00
E_CANADA_CAP_HY 24051	31.53 1.83 0.00	25.77 1.42 0.00	25.70 1.40 0.00	24.63 1.34 0.00	24.75 1.32 0.00	27.09 1.47 0.00	27.01 1.53 0.00	28.06 1.48 0.00	29.46 1.40 0.00	27.06 1.10 0.00	26.28 1.06 0.00	33.35 1.38 0.00	34.68 1.42 0.00	37.39 1.88 0.00	40.44 2.30 0.00	42.95 2.93 0.00	37.95 2.33 0.00	40.21 2.44 0.00	43.16 2.57 0.00	40.55 2.38 0.00	40.40 2.36 0.00	41.78 2.58 0.00	35.84 2.16 0.00	34.52 1.92 0.00
E_CANADA_MHWK_HY 24050	29.65 -0.06 0.00	24.26 -0.10 0.00	24.11 -0.19 0.00	23.09 -0.20 0.00	23.26 -0.17 0.00	25.45 -0.17 0.00	25.49 0.01 0.00	26.50 -0.08 0.00	27.75 -0.31 0.00	25.46 -0.50 0.00	24.47 -0.76 0.00	30.94 -1.02 0.00	32.32 -0.95 0.00	34.87 -0.64 0.00	37.80 -0.34 0.00	40.14 0.12 0.00	33.49 0.50 2.62	38.08 0.32 0.00	40.80 0.21 0.00	38.71 0.54 0.00	38.73 0.69 0.00	39.99 0.79 0.00	34.07 0.40 0.00	32.97 0.37 0.00
E_FISHKILL__LBMP 23776	30.76 1.05 0.00	25.04 0.68 0.00	24.85 0.55 0.00	23.82 0.53 0.00	23.97 0.54 0.00	26.31 0.69 0.00	26.41 0.92 0.00	27.75 1.17 0.00	29.36 1.31 0.00	27.24 1.28 0.00	28.67 1.27 -2.18	33.67 1.71 0.00	35.14 1.87 0.00	37.47 1.96 0.00	40.23 2.08 0.00	42.30 2.28 0.00	38.11 2.49 0.00	40.26 2.50 0.00	43.13 2.54 0.00	40.48 2.31 0.00	40.21 2.17 0.00	41.43 2.22 0.00	35.34 1.67 0.00	34.26 1.65 0.00
FALCON____SEABRD_CC1 323796	30.61 0.91 0.00	25.17 0.81 0.00	25.22 0.93 0.00	24.16 0.87 0.00	24.38 0.95 0.00	26.67 1.05 0.00	26.48 1.00 0.00	27.47 0.88 0.00	29.06 1.00 0.00	26.81 0.85 0.00	26.28 1.06 0.00	33.49 1.52 0.00	34.69 1.42 0.00	36.97 1.46 0.00	39.40 1.26 0.00	40.80 0.78 0.00	25.65 -0.05 9.91	37.50 -0.27 0.00	40.70 0.12 0.00	38.60 0.43 0.00	38.35 0.31 0.00	39.23 0.04 0.00	33.75 0.07 0.00	31.61 -1.00 0.00

FALCON___SEABRD_CC2 323797	30.61 0.91 0.00	25.17 0.81 0.00	25.22 0.93 0.00	24.16 0.87 0.00	24.38 0.95 0.00	26.67 1.05 0.00	26.48 1.00 0.00	27.47 0.88 0.00	29.06 1.00 0.00	26.81 0.85 0.00	26.28 1.06 0.00	33.49 1.52 0.00	34.69 1.42 0.00	36.97 1.46 0.00	39.40 1.26 0.00	40.80 0.78 0.00	25.65 -0.05 9.91	37.50 -0.27 0.00	40.70 0.12 0.00	38.60 0.43 0.00	38.35 0.31 0.00	39.23 0.04 0.00	33.75 0.07 0.00	31.61 -1.00 0.00
FAR ROCKAWAY___4 23548	32.57 2.15 -0.71	25.87 1.51 0.00	25.55 1.26 0.00	24.45 1.16 0.00	24.61 1.18 0.00	27.07 1.45 0.00	27.20 1.72 0.00	28.68 2.09 0.00	30.36 2.30 0.00	28.25 2.29 0.00	34.16 2.42 -6.53	35.08 3.12 0.00	36.68 3.41 0.00	39.07 3.55 0.00	41.98 3.83 0.00	44.11 4.09 0.00	39.75 4.14 0.00	42.06 4.29 0.00	44.90 4.32 0.00	42.11 3.94 0.00	42.60 3.80 -0.76	43.13 3.93 0.00	36.76 3.09 0.00	35.49 2.88 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.18 1.48 0.00	25.33 0.98 0.00	25.12 0.82 0.00	24.06 0.78 0.00	24.21 0.78 0.00	26.61 0.99 0.00	26.75 1.26 0.00	28.18 1.60 0.00	29.87 1.81 0.00	27.77 1.81 0.00	33.31 1.84 -6.25	34.45 2.49 0.00	35.97 2.70 0.00	38.32 2.80 0.00	41.15 3.01 0.00	43.28 3.26 0.00	39.04 3.42 0.00	41.19 3.42 0.00	44.01 3.42 0.00	41.21 3.04 0.00	40.88 2.85 0.00	42.14 2.94 0.00	35.95 2.28 0.00	34.82 2.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.19 1.49 0.00	25.35 0.99 0.00	25.13 0.83 0.00	24.08 0.79 0.00	24.22 0.80 0.00	26.62 1.00 0.00	26.77 1.28 0.00	28.19 1.61 0.00	29.89 1.83 0.00	27.78 1.82 0.00	33.32 1.85 -6.25	34.47 2.50 0.00	35.98 2.71 0.00	38.33 2.81 0.00	41.16 3.02 0.00	43.30 3.28 0.00	39.06 3.44 0.00	41.21 3.45 0.00	44.03 3.45 0.00	41.25 3.07 0.00	40.92 2.88 0.00	42.18 2.98 0.00	35.98 2.31 0.00	34.86 2.25 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.16 1.46 0.00	25.32 0.96 0.00	25.10 0.80 0.00	24.06 0.76 0.00	24.20 0.77 0.00	26.59 0.97 0.00	26.74 1.26 0.00	28.17 1.59 0.00	29.86 1.80 0.00	27.75 1.80 0.00	33.30 1.82 -6.25	34.43 2.46 0.00	35.95 2.68 0.00	38.29 2.77 0.00	41.12 2.98 0.00	43.26 3.24 0.00	39.01 3.40 0.00	41.16 3.39 0.00	43.98 3.39 0.00	41.18 3.01 0.00	40.86 2.82 0.00	42.11 2.91 0.00	35.92 2.25 0.00	34.80 2.20 0.00
FARRAGUT___LBMP 323566	31.13 1.42 0.00	25.30 0.95 0.00	25.09 0.79 0.00	24.04 0.75 0.00	24.18 0.75 0.00	26.57 0.95 0.00	26.71 1.23 0.00	28.14 1.55 0.00	29.83 1.77 0.00	27.72 1.76 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.90 2.64 0.00	38.25 2.73 0.00	41.08 2.93 0.00	43.20 3.18 0.00	38.97 3.35 0.00	41.12 3.35 0.00	43.93 3.35 0.00	41.14 2.97 0.00	40.82 2.79 0.00	42.07 2.87 0.00	35.89 2.22 0.00	34.78 2.17 0.00
FENNER___WINDPWR 24204	30.20 0.50 0.00	24.69 0.34 0.00	24.62 0.32 0.00	23.59 0.30 0.00	23.73 0.31 0.00	26.02 0.40 0.00	25.97 0.49 0.00	27.14 0.55 0.00	28.64 0.59 0.00	26.41 0.45 0.00	25.63 0.40 0.00	32.47 0.50 0.00	33.82 0.55 0.00	36.13 0.61 0.00	38.89 0.75 0.00	40.78 0.76 0.00	31.87 0.92 4.66	38.79 1.03 0.00	41.79 1.20 0.00	39.38 1.20 0.00	39.22 1.18 0.00	40.38 1.18 0.00	34.51 0.83 0.00	33.34 0.73 0.00
FIBERTEK___ENERGY 23856	29.74 0.03 0.00	24.29 -0.07 0.00	24.21 -0.09 0.00	23.20 -0.09 0.00	23.36 -0.07 0.00	25.62 0.00 0.00	25.51 0.02 0.00	26.60 0.02 0.00	28.08 0.02 0.00	25.95 -0.01 0.00	25.25 0.03 0.00	32.06 0.09 0.00	33.43 0.16 0.00	35.68 0.16 0.00	38.32 0.17 0.00	40.23 0.21 0.00	33.36 0.42 2.67	38.29 0.52 0.00	41.16 0.57 0.00	38.72 0.55 0.00	38.43 0.39 0.00	39.65 0.45 0.00	33.94 0.26 0.00	32.77 0.16 0.00
FITZPATRICK____ 23598	28.92 -0.79 0.00	23.66 -0.69 0.00	23.62 -0.68 0.00	22.63 -0.66 0.00	22.77 -0.65 0.00	24.92 -0.69 0.00	24.79 -0.69 0.00	25.83 -0.75 0.00	27.27 -0.78 0.00	25.23 -0.73 0.00	24.53 -0.69 0.00	31.12 -0.85 0.00	32.41 -0.86 0.00	34.57 -0.94 0.00	37.11 -1.03 0.00	38.95 -1.07 0.00	34.82 -0.80 0.00	36.96 -0.80 0.00	39.72 -0.87 0.00	37.39 -0.79 0.00	37.16 -0.88 0.00	38.35 -0.85 0.00	32.89 -0.79 0.00	31.80 -0.80 0.00
FLOWRFLD_69_KV_BK1 356044	32.31 1.89 -0.71	25.72 1.37 0.00	25.33 1.03 0.00	24.23 0.94 0.00	24.40 0.98 0.00	26.84 1.22 0.00	27.02 1.54 0.00	28.54 1.96 0.00	30.20 2.14 0.00	28.12 2.16 0.00	33.93 2.18 -6.53	34.69 2.72 0.00	36.30 3.04 0.00	38.71 3.20 0.00	41.58 3.43 0.00	43.64 3.62 0.00	39.25 3.64 0.00	41.51 3.74 0.00	44.15 3.56 0.00	41.60 3.43 0.00	42.27 3.47 -0.76	42.60 3.39 0.00	36.19 2.52 0.00	35.00 2.39 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.13 1.42 0.00	25.32 0.96 0.00	25.12 0.83 0.00	24.07 0.78 0.00	24.22 0.79 0.00	26.59 0.97 0.00	26.70 1.22 0.00	28.08 1.50 0.00	29.73 1.67 0.00	27.58 1.62 0.00	26.84 1.61 0.00	34.14 2.18 0.00	35.67 2.40 0.00	38.09 2.57 0.00	40.94 2.79 0.00	43.08 3.06 0.00	38.86 3.25 0.00	41.10 3.33 0.00	43.97 3.39 0.00	41.23 3.06 0.00	40.91 2.87 0.00	42.12 2.91 0.00	35.89 2.22 0.00	34.72 2.11 0.00
FORT ORANGE____ 23900	30.13 0.43 0.00	24.66 0.31 0.00	24.56 0.27 0.00	23.57 0.27 0.00	23.71 0.28 0.00	25.95 0.34 0.00	25.98 0.50 0.00	27.14 0.55 0.00	28.56 0.50 0.00	26.37 0.41 0.00	26.50 0.27 -1.00	32.30 0.33 0.00	33.69 0.42 0.00	35.96 0.45 0.00	38.57 0.43 0.00	40.57 0.55 0.00	36.56 0.94 0.00	38.66 0.90 0.00	41.60 1.01 0.00	39.24 1.07 0.00	39.14 1.10 0.00	40.29 1.09 0.00	34.40 0.73 0.00	33.36 0.75 0.00
FORT_DRUM_COGEN 23780	29.37 -0.34 0.00	24.15 -0.20 0.00	24.20 -0.09 0.00	23.16 -0.13 0.00	23.28 -0.15 0.00	25.61 -0.01 0.00	25.47 -0.01 0.00	26.50 -0.08 0.00	27.88 -0.18 0.00	25.66 -0.30 0.00	24.82 -0.41 0.00	31.34 -0.63 0.00	32.47 -0.80 0.00	34.63 -0.88 0.00	37.04 -1.11 0.00	38.76 -1.26 0.00	2.11 -1.10 32.40	37.00 -0.77 0.00	40.04 -0.55 0.00	38.01 -0.16 0.00	37.82 -0.22 0.00	38.48 -0.72 0.00	32.49 -1.18 0.00	31.47 -1.14 0.00
FOX_HILLS___ESR 323835	31.23 1.53 0.00	25.39 1.03 0.00	25.17 0.87 0.00	24.12 0.83 0.00	24.26 0.84 0.00	26.67 1.06 0.00	26.80 1.32 0.00	28.17 1.59 0.00	29.84 1.78 0.00	27.71 1.76 0.00	33.22 1.75 -6.25	34.45 2.41 -0.07	35.94 2.60 -0.08	38.21 2.70 0.00	41.07 2.92 0.00	43.15 3.13 0.00	39.00 3.39 0.00	41.13 3.37 0.00	43.93 3.35 0.00	41.31 3.14 0.00	41.01 2.98 0.00	42.29 3.09 0.00	36.15 2.47 0.00	34.98 2.38 0.00
FPL FAR_ROCK_GT1 24212	32.57 2.15 -0.71	25.87 1.51 0.00	25.55 1.25 0.00	24.45 1.16 0.00	24.61 1.18 0.00	27.07 1.45 0.00	27.20 1.71 0.00	28.68 2.09 0.00	30.36 2.30 0.00	28.25 2.29 0.00	34.17 2.42 -6.53	35.08 3.12 0.00	36.68 3.41 0.00	39.07 3.55 0.00	41.97 3.83 0.00	44.11 4.09 0.00	39.75 4.14 0.00	42.05 4.29 0.00	44.90 4.32 0.00	42.12 3.94 0.00	42.60 3.80 -0.76	43.13 3.93 0.00	36.76 3.09 0.00	35.49 2.88 0.00



FPL FAR_ROCK_GT2 23815	32.57 2.15 -0.71	25.87 1.51 0.00	25.55 1.25 0.00	24.45 1.16 0.00	24.61 1.18 0.00	27.07 1.45 0.00	27.20 1.71 0.00	28.68 2.09 0.00	30.36 2.30 0.00	28.25 2.29 0.00	34.17 2.42 -6.53	35.08 3.12 0.00	36.68 3.41 0.00	39.07 3.55 0.00	41.97 3.83 0.00	44.11 4.09 0.00	39.75 4.14 0.00	42.05 4.29 0.00	44.90 4.32 0.00	42.12 3.94 0.00	42.60 3.80 -0.76	43.13 3.93 0.00	36.76 3.09 0.00	35.49 2.88 0.00
FRANKLIN_FALL_HYD 24054	29.90 0.19 0.00	24.65 0.29 0.00	24.68 0.37 0.00	23.64 0.34 0.00	23.79 0.36 0.00	26.00 0.38 0.00	25.73 0.25 0.00	26.76 0.18 0.00	28.30 0.24 0.00	26.14 0.19 0.00	25.60 0.38 0.00	32.54 0.57 0.00	33.65 0.39 0.00	35.88 0.37 0.00	38.41 0.27 0.00	39.94 -0.08 0.00	-8.89 -0.90 43.61	36.94 -0.82 0.00	40.08 -0.51 0.00	37.77 -0.40 0.00	37.76 -0.27 0.00	38.63 -0.57 0.00	33.20 -0.48 0.00	31.77 -0.84 0.00
FREEPORT_EQUUS_GT1 23764	32.34 1.92 -0.71	25.69 1.34 0.00	25.35 1.06 0.00	24.25 0.96 0.00	24.41 0.99 0.00	26.87 1.26 0.00	27.00 1.52 0.00	28.50 1.92 0.00	30.14 2.08 0.00	28.04 2.09 0.00	33.93 2.18 -6.53	34.74 2.78 0.00	36.33 3.06 0.00	38.69 3.17 0.00	41.41 3.27 0.00	43.54 3.51 0.00	39.18 3.57 0.00	41.33 3.57 0.00	44.13 3.54 0.00	41.40 3.23 0.00	42.11 3.31 -0.76	42.72 3.52 0.00	36.40 2.72 0.00	35.14 2.53 0.00
FREEPORT___CT2 23818	32.34 1.92 -0.71	25.69 1.34 0.00	25.35 1.06 0.00	24.25 0.96 0.00	24.41 0.99 0.00	26.87 1.26 0.00	27.00 1.52 0.00	28.50 1.92 0.00	30.14 2.08 0.00	28.04 2.09 0.00	33.93 2.18 -6.53	34.74 2.78 0.00	36.33 3.06 0.00	38.69 3.17 0.00	41.41 3.27 0.00	43.54 3.51 0.00	39.18 3.57 0.00	41.33 3.57 0.00	44.13 3.54 0.00	41.40 3.23 0.00	42.11 3.31 -0.76	42.72 3.52 0.00	36.40 2.72 0.00	35.14 2.53 0.00
FRESHKLS_33_KV_LOAD 356253	31.20 1.50 0.00	25.37 1.02 0.00	25.16 0.86 0.00	24.11 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.78 1.30 0.00	28.14 1.56 0.00	29.80 1.74 0.00	27.64 1.69 0.00	33.13 1.66 -6.25	34.35 2.31 -0.07	35.83 2.49 -0.08	38.12 2.60 0.00	40.96 2.82 0.00	43.03 3.01 0.00	38.92 3.31 0.00	40.93 3.26 0.09	43.82 3.23 0.01	41.27 3.11 0.00	41.01 2.97 0.00	42.29 3.09 0.00	36.16 2.49 0.00	34.96 2.36 0.00
FULTON COGEN____ 23766	29.27 -0.44 0.00	23.92 -0.43 0.00	23.86 -0.44 0.00	22.86 -0.42 0.00	23.01 -0.41 0.00	25.21 -0.41 0.00	25.11 -0.37 0.00	26.19 -0.39 0.00	27.64 -0.42 0.00	25.55 -0.41 0.00	24.82 -0.40 0.00	31.49 -0.47 0.00	32.83 -0.44 0.00	35.01 -0.50 0.00	37.58 -0.56 0.00	39.45 -0.58 0.00	31.25 -0.29 4.08	37.56 -0.21 0.00	40.41 -0.17 0.00	38.08 -0.10 0.00	37.82 -0.22 0.00	39.04 -0.16 0.00	33.42 -0.26 0.00	32.28 -0.33 0.00
FULTON___LFGE 323630	32.62 2.92 0.00	26.58 2.22 0.00	26.48 2.18 0.00	25.34 2.05 0.00	25.54 2.11 0.00	28.03 2.41 0.00	27.99 2.50 0.00	28.52 1.94 0.00	28.62 0.56 0.00	25.42 -0.53 0.00	24.61 -0.61 0.00	31.92 -0.05 0.00	32.82 -0.44 0.00	36.81 1.29 0.00	41.68 3.53 0.00	44.92 4.90 0.00	39.70 4.09 0.00	42.08 4.31 0.00	45.16 4.57 0.00	42.66 4.49 0.00	42.52 4.48 0.00	43.73 4.53 0.00	37.34 3.66 0.00	35.86 3.25 0.00
G.F.CEMENT___DRP 24184	31.88 2.18 0.00	25.90 1.55 0.00	25.84 1.54 0.00	24.78 1.49 0.00	24.99 1.56 0.00	27.36 1.75 0.00	27.41 1.93 0.00	28.73 2.15 0.00	30.17 2.11 0.00	27.66 1.70 0.00	27.55 1.35 -0.98	33.78 1.81 0.00	35.12 1.86 0.00	37.45 1.93 0.00	40.45 2.30 0.00	42.97 2.95 0.00	38.52 2.90 0.00	40.82 3.06 0.00	44.44 3.86 0.00	41.94 3.77 0.00	41.94 3.90 0.00	43.11 3.91 0.00	36.68 3.01 0.00	35.57 2.96 0.00
GARDENVILLE___LBMP 24039	29.15 -0.55 0.00	23.65 -0.71 0.00	23.79 -0.51 0.00	22.72 -0.58 0.00	22.94 -0.48 0.00	25.13 -0.49 0.00	25.11 -0.37 0.00	26.34 -0.25 0.00	28.13 0.07 0.00	25.97 0.01 0.00	25.61 0.39 0.00	32.54 0.57 0.00	33.72 0.45 0.00	36.06 0.08 -0.46	42.40 -0.04 -4.29	45.12 0.03 -5.07	40.02 0.35 -4.06	42.73 0.76 -4.21	44.46 0.38 -3.49	41.20 0.33 -2.70	37.97 -0.07 0.00	39.79 0.59 0.00	34.26 0.59 0.00	32.86 0.25 0.00
GARDNVLA_35_KV_LD 355827	29.28 -0.43 0.00	23.75 -0.61 0.00	23.88 -0.42 0.00	22.80 -0.49 0.00	23.03 -0.39 0.00	25.21 -0.40 0.00	25.20 -0.35 0.00	26.44 -0.37 0.00	28.24 0.18 0.00	26.08 0.12 0.00	25.74 0.51 0.00	32.72 0.76 0.00	33.91 0.65 0.00	36.16 0.31 -0.34	41.51 0.22 -3.15	44.04 0.30 -3.72	39.18 0.59 -2.98	41.87 1.02 -3.09	43.80 0.65 -2.56	40.72 0.57 -1.98	38.19 0.15 0.00	40.02 0.82 0.00	34.44 0.77 0.00	33.02 0.41 0.00
GELCKHM___115KV_LOAD 80723	29.29 -0.42 0.00	23.94 -0.42 0.00	23.88 -0.42 0.00	22.88 -0.41 0.00	23.03 -0.39 0.00	25.22 -0.40 0.00	25.13 -0.35 0.00	26.22 -0.37 0.00	27.69 -0.37 0.00	25.62 -0.34 0.00	24.93 -0.29 0.00	31.64 -0.32 0.00	32.98 -0.28 0.00	35.19 -0.33 0.00	37.78 -0.37 0.00	39.66 -0.36 0.00	32.18 -0.12 3.32	37.72 -0.05 0.00	40.51 -0.07 0.00	38.11 -0.07 0.00	37.83 -0.20 0.00	39.05 -0.15 0.00	33.44 -0.23 0.00	32.32 -0.29 0.00
GENERAL___MILLS 23808	29.22 -0.48 0.00	23.70 -0.65 0.00	23.84 -0.46 0.00	22.76 -0.53 0.00	22.99 -0.44 0.00	25.17 -0.44 0.00	25.16 -0.33 0.00	26.39 -0.20 0.00	28.19 0.13 0.00	26.02 0.07 0.00	25.67 0.44 0.00	32.62 0.66 0.00	33.81 0.54 0.00	36.07 0.18 -0.37	41.68 0.07 -3.45	44.25 0.15 -4.09	39.33 0.45 -3.27	42.04 0.88 -3.39	43.90 0.50 -2.81	40.79 0.44 -2.17	38.08 0.04 0.00	39.91 0.71 0.00	34.36 0.68 0.00	32.94 0.33 0.00
GE_PLASTICS___DRP 24183	30.06 0.35 0.00	24.60 0.24 0.00	24.50 0.20 0.00	23.50 0.21 0.00	23.64 0.21 0.00	25.88 0.26 0.00	25.89 0.41 0.00	27.05 0.47 0.00	28.51 0.46 0.00	26.35 0.40 0.00	26.51 0.30 -0.99	32.35 0.38 0.00	33.73 0.46 0.00	35.99 0.47 0.00	38.60 0.46 0.00	40.58 0.56 0.00	36.46 0.84 0.00	38.53 0.76 0.00	41.42 0.83 0.00	39.04 0.87 0.00	38.92 0.88 0.00	40.10 0.90 0.00	34.28 0.60 0.00	33.25 0.64 0.00
GILBOA___1 23756	30.17 0.47 0.00	24.65 0.29 0.00	24.53 0.23 0.00	23.52 0.23 0.00	23.66 0.23 0.00	25.93 0.31 0.00	25.93 0.45 0.00	27.15 0.56 0.00	28.67 0.61 0.00	26.52 0.57 0.00	25.75 0.53 0.00	32.68 0.71 0.00	34.07 0.80 0.00	36.34 0.82 0.00	38.95 0.80 0.00	40.91 0.89 0.00	36.69 1.07 0.00	38.70 0.94 0.00	41.51 0.92 0.00	39.12 0.95 0.00	39.04 1.00 0.00	40.26 1.06 0.00	34.47 0.79 0.00	33.41 0.80 0.00
GILBOA___2 23757	30.17 0.47 0.00	24.65 0.29 0.00	24.53 0.23 0.00	23.52 0.23 0.00	23.66 0.23 0.00	25.93 0.31 0.00	25.93 0.45 0.00	27.15 0.56 0.00	28.67 0.61 0.00	26.52 0.57 0.00	25.75 0.53 0.00	32.68 0.71 0.00	34.07 0.80 0.00	36.34 0.82 0.00	38.95 0.80 0.00	40.91 0.89 0.00	36.69 1.07 0.00	38.70 0.94 0.00	41.51 0.92 0.00	39.12 0.95 0.00	39.04 1.00 0.00	40.26 1.06 0.00	34.47 0.79 0.00	33.41 0.80 0.00

GILBOA___3 23758	30.17 0.47 0.00	24.65 0.29 0.00	24.53 0.23 0.00	23.52 0.23 0.00	23.66 0.23 0.00	25.93 0.31 0.00	25.93 0.45 0.00	27.15 0.56 0.00	28.67 0.61 0.00	26.52 0.57 0.00	25.75 0.53 0.00	32.68 0.71 0.00	34.07 0.80 0.00	36.34 0.82 0.00	38.95 0.80 0.00	40.91 0.89 0.00	36.69 1.07 0.00	38.70 0.94 0.00	41.51 0.92 0.00	39.12 0.95 0.00	39.04 1.00 0.00	40.26 1.06 0.00	34.47 0.79 0.00	33.41 0.80 0.00
GILBOA___4 23759	30.17 0.47 0.00	24.65 0.29 0.00	24.53 0.23 0.00	23.52 0.23 0.00	23.66 0.23 0.00	25.93 0.31 0.00	25.93 0.45 0.00	27.15 0.56 0.00	28.67 0.61 0.00	26.52 0.57 0.00	25.75 0.53 0.00	32.68 0.71 0.00	34.07 0.80 0.00	36.34 0.82 0.00	38.95 0.80 0.00	40.91 0.89 0.00	36.69 1.07 0.00	38.70 0.94 0.00	41.51 0.92 0.00	39.12 0.95 0.00	39.04 1.00 0.00	40.26 1.06 0.00	34.47 0.79 0.00	33.41 0.80 0.00
GILBOA___ 23599	30.17 0.47 0.00	24.65 0.29 0.00	24.53 0.23 0.00	23.52 0.23 0.00	23.66 0.23 0.00	25.93 0.31 0.00	25.93 0.45 0.00	27.15 0.56 0.00	28.67 0.61 0.00	26.52 0.57 0.00	25.75 0.53 0.00	32.68 0.71 0.00	34.07 0.81 0.00	36.33 0.82 0.00	38.95 0.80 0.00	40.92 0.89 0.00	36.69 1.07 0.00	38.70 0.94 0.00	41.51 0.92 0.00	39.13 0.95 0.00	39.04 1.01 0.00	40.26 1.06 0.00	34.47 0.79 0.00	33.41 0.80 0.00
GINNA___ 23603	28.24 -1.47 0.00	23.00 -1.35 0.00	23.03 -1.27 0.00	22.04 -1.25 0.00	22.21 -1.22 0.00	24.32 -1.30 0.00	24.27 -1.22 0.00	25.38 -1.21 0.00	26.92 -1.14 0.00	24.90 -1.06 0.00	24.40 -0.83 0.00	30.99 -0.98 0.00	32.26 -1.01 0.00	34.26 -1.25 0.00	36.81 -1.34 0.00	38.69 -1.33 0.00	34.69 -0.92 0.00	37.09 -0.68 0.00	39.77 -0.82 0.00	37.35 -0.82 0.00	36.90 -1.14 0.00	38.24 -0.96 0.00	32.76 -0.91 0.00	31.50 -1.11 0.00
GLEN PARK___ 23778	29.41 -0.30 0.00	24.16 -0.20 0.00	24.21 -0.09 0.00	23.16 -0.13 0.00	23.28 -0.14 0.00	25.63 0.01 0.00	25.50 0.02 0.00	26.54 -0.04 0.00	27.90 -0.16 0.00	25.69 -0.27 0.00	24.82 -0.40 0.00	31.32 -0.64 0.00	32.46 -0.80 0.00	34.65 -0.86 0.00	37.02 -1.13 0.00	38.74 -1.28 0.00	3.78 -1.10 30.74	37.05 -0.72 0.00	40.16 -0.42 0.00	38.19 0.02 0.00	38.03 -0.01 0.00	38.70 -0.50 0.00	32.65 -1.02 0.00	31.59 -1.02 0.00
GLENDALE_27_KV_LOAD 356172	31.36 1.66 0.00	25.48 1.13 0.00	25.26 0.96 0.00	24.21 0.93 0.00	24.35 0.93 0.00	26.77 1.15 0.00	26.93 1.45 0.00	28.37 1.79 0.00	30.08 2.02 0.00	27.97 2.01 0.00	33.50 2.03 -6.25	34.97 2.74 -0.27	36.51 2.94 -0.30	38.57 3.05 0.00	41.45 3.31 0.00	43.57 3.55 0.00	39.31 3.69 0.00	41.47 3.70 0.00	44.28 3.70 0.00	41.51 3.34 0.00	41.18 3.14 0.00	42.47 3.27 0.00	36.23 2.56 0.00	35.08 2.47 0.00
GLENWOOD_IC_1_G5 23712	32.34 1.92 -0.71	25.69 1.34 0.00	25.38 1.08 0.00	24.27 0.98 0.00	24.43 1.00 0.00	26.88 1.26 0.00	27.02 1.54 0.00	28.51 1.93 0.00	29.97 1.91 0.00	27.89 1.93 0.00	33.77 2.02 -6.53	34.59 2.63 0.00	36.18 2.91 0.00	38.50 2.99 0.00	41.32 3.17 0.00	43.44 3.42 0.00	39.16 3.54 0.00	41.33 3.57 0.00	44.13 3.54 0.00	41.34 3.17 0.00	42.05 3.25 -0.76	42.65 3.45 0.00	36.34 2.67 0.00	35.10 2.49 0.00
GLENWOOD_IC_2_G1 23688	32.28 1.86 -0.71	25.66 1.30 0.00	25.33 1.03 0.00	24.24 0.95 0.00	24.40 0.97 0.00	26.84 1.22 0.00	26.99 1.51 0.00	28.47 1.89 0.00	30.06 2.00 0.00	27.96 2.01 0.00	33.84 2.09 -6.53	34.68 2.71 0.00	36.26 2.99 0.00	38.55 3.03 0.00	41.34 3.19 0.00	43.47 3.45 0.00	39.18 3.57 0.00	41.37 3.61 0.00	44.18 3.59 0.00	41.40 3.23 0.00	41.99 3.19 -0.76	42.51 3.31 0.00	36.23 2.55 0.00	35.01 2.40 0.00
GLENWOOD_IC_3_G1 23689	32.28 1.86 -0.71	25.66 1.30 0.00	25.33 1.03 0.00	24.24 0.95 0.00	24.40 0.97 0.00	26.84 1.22 0.00	26.99 1.51 0.00	28.47 1.89 0.00	30.06 2.00 0.00	27.96 2.01 0.00	33.84 2.09 -6.53	34.68 2.71 0.00	36.26 2.99 0.00	38.55 3.03 0.00	41.34 3.19 0.00	43.47 3.45 0.00	39.18 3.57 0.00	41.37 3.61 0.00	44.18 3.59 0.00	41.40 3.23 0.00	41.99 3.19 -0.76	42.51 3.31 0.00	36.23 2.55 0.00	35.01 2.40 0.00
GLENWOOD___4 23550	32.34 1.92 -0.71	25.69 1.34 0.00	25.38 1.08 0.00	24.27 0.98 0.00	24.43 1.00 0.00	26.88 1.26 0.00	27.02 1.54 0.00	28.52 1.93 0.00	30.04 1.98 0.00	27.95 1.99 0.00	33.83 2.09 -6.53	34.67 2.70 0.00	36.26 2.99 0.00	38.58 3.06 0.00	41.41 3.26 0.00	43.54 3.52 0.00	39.25 3.63 0.00	41.42 3.65 0.00	44.22 3.63 0.00	41.44 3.26 0.00	42.09 3.29 -0.76	42.65 3.45 0.00	36.34 2.67 0.00	35.10 2.49 0.00
GLENWOOD___5 23614	32.34 1.92 -0.71	25.69 1.34 0.00	25.38 1.08 0.00	24.27 0.98 0.00	24.43 1.00 0.00	26.88 1.26 0.00	27.02 1.54 0.00	28.52 1.93 0.00	30.04 1.98 0.00	27.95 1.99 0.00	33.83 2.09 -6.53	34.67 2.70 0.00	36.26 2.99 0.00	38.58 3.06 0.00	41.41 3.26 0.00	43.54 3.52 0.00	39.25 3.63 0.00	41.42 3.65 0.00	44.22 3.63 0.00	41.44 3.26 0.00	42.09 3.29 -0.76	42.65 3.45 0.00	36.34 2.67 0.00	35.10 2.49 0.00
GLOBAL GREEN_PORT_GT1 23814	33.04 2.62 -0.71	26.33 1.98 0.00	25.95 1.65 0.00	24.81 1.52 0.00	25.02 1.60 0.00	27.53 1.91 0.00	27.73 2.25 0.00	29.34 2.76 0.00	31.13 3.07 0.00	29.10 3.14 0.00	34.96 3.21 -6.53	36.03 4.06 0.00	37.67 4.40 0.00	40.31 4.80 0.00	43.35 5.21 0.00	45.53 5.51 0.00	41.03 5.42 0.00	43.53 5.77 0.00	46.35 5.77 0.00	43.48 5.31 0.00	44.11 5.30 -0.76	44.48 5.27 0.00	37.68 4.01 0.00	36.26 3.65 0.00
GLOBE___DSASP 323697	28.44 -1.27 0.00	23.11 -1.24 0.00	23.29 -1.01 0.00	22.27 -1.02 0.00	22.48 -0.95 0.00	24.54 -1.08 0.00	24.49 -0.99 0.00	25.63 -0.95 0.00	27.37 -0.69 0.00	25.26 -0.70 0.00	24.92 -0.30 0.00	31.63 -0.34 0.00	32.72 -0.54 0.00	34.30 -1.13 0.08	36.03 -1.33 0.78	37.70 -1.40 0.93	33.87 -1.00 0.74	36.38 -0.61 0.77	38.87 -1.08 0.64	36.65 -1.03 0.49	36.69 -1.35 0.00	38.52 -0.68 0.00	33.31 -0.36 0.00	32.05 -0.55 0.00
GOETHSLN___LBMP 323567	31.02 1.31 0.00	25.21 0.85 0.00	25.00 0.70 0.00	23.96 0.67 0.00	24.10 0.67 0.00	26.48 0.86 0.00	26.61 1.13 0.00	28.02 1.43 0.00	29.69 1.63 0.00	27.59 1.64 0.00	33.13 1.65 -6.25	34.25 2.29 0.00	35.76 2.50 0.00	38.11 2.59 0.00	40.93 2.78 0.00	43.02 2.99 0.00	38.81 3.19 0.00	40.95 3.18 0.00	43.76 3.17 0.00	40.96 2.79 0.00	40.65 2.61 0.00	41.86 2.66 0.00	35.74 2.07 0.00	34.65 2.05 0.00
GOLAH___69_KV_TB 1_2 80279	29.67 -0.03 0.00	24.13 -0.23 0.00	24.16 -0.14 0.00	23.10 -0.19 0.00	23.29 -0.13 0.00	25.50 -0.12 0.00	25.46 -0.03 0.00	26.65 0.07 0.00	28.31 0.25 0.00	26.14 0.18 0.00	25.64 0.42 0.00	32.57 0.61 0.00	33.86 0.59 0.00	35.85 0.37 0.04	38.19 0.38 0.33	40.10 0.47 0.40	35.99 0.70 0.32	38.75 1.12 0.13	41.54 1.07 0.12	39.01 1.05 0.21	38.75 0.71 0.00	40.29 1.09 0.00	34.58 0.90 0.00	33.20 0.59 0.00

GOODYEAR_LAKE_HYD 323669	30.72 1.01 0.00	25.06 0.71 0.00	24.96 0.65 0.00	23.91 0.62 0.00	24.06 0.63 0.00	26.39 0.77 0.00	26.39 0.91 0.00	27.63 1.04 0.00	29.21 1.15 0.00	27.03 1.07 0.00	26.30 1.07 0.00	33.41 1.44 0.00	34.81 1.54 0.00	37.19 1.67 0.00	39.93 1.78 0.00	41.95 1.93 0.00	37.54 1.92 0.00	39.78 2.01 0.00	42.68 2.09 0.00	40.12 1.95 0.00	39.90 1.86 0.00	41.13 1.92 0.00	35.21 1.54 0.00	33.98 1.37 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.83 0.13 0.00	24.32 -0.04 0.00	24.26 -0.04 0.00	23.22 -0.07 0.00	23.40 -0.03 0.00	25.67 0.05 0.00	25.65 0.17 0.00	26.86 0.28 0.00	28.43 0.37 0.00	26.26 0.30 0.00	25.59 0.37 0.00	32.47 0.51 0.00	33.84 0.58 0.00	36.16 0.61 -0.04	39.08 0.57 -0.36	41.11 0.66 -0.42	36.84 0.89 -0.34	39.07 0.96 -0.35	41.78 0.90 -0.29	39.26 0.86 -0.22	38.70 0.66 0.00	40.07 0.86 0.00	34.28 0.61 0.00	33.03 0.42 0.00
GOUDEY___7 23579	29.85 0.15 0.00	24.33 -0.03 0.00	24.28 -0.02 0.00	23.23 -0.06 0.00	23.41 -0.01 0.00	25.68 0.07 0.00	25.67 0.19 0.00	26.88 0.30 0.00	28.46 0.40 0.00	26.28 0.33 0.00	25.61 0.39 0.00	32.51 0.55 0.00	33.88 0.62 0.00	36.20 0.65 -0.04	39.13 0.62 -0.36	41.14 0.70 -0.42	36.88 0.92 -0.34	39.12 1.01 -0.35	41.83 0.96 -0.29	39.30 0.91 -0.22	38.74 0.70 0.00	40.11 0.90 0.00	34.32 0.64 0.00	33.06 0.45 0.00
GOUDEY___8 23580	29.83 0.13 0.00	24.32 -0.04 0.00	24.26 -0.04 0.00	23.22 -0.07 0.00	23.40 -0.03 0.00	25.67 0.05 0.00	25.65 0.17 0.00	26.86 0.28 0.00	28.43 0.37 0.00	26.26 0.30 0.00	25.59 0.37 0.00	32.47 0.51 0.00	33.84 0.58 0.00	36.16 0.61 -0.04	39.08 0.57 -0.36	41.11 0.66 -0.42	36.84 0.89 -0.34	39.07 0.96 -0.35	41.78 0.90 -0.29	39.26 0.86 -0.22	38.70 0.66 0.00	40.07 0.86 0.00	34.28 0.61 0.00	33.03 0.42 0.00
GOWANUS_GT1_1 24077	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.16 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.85 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.52 2.56 0.01	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.33 3.31 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.41 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT1_2 24078	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.16 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.85 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.52 2.56 0.01	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.33 3.31 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.41 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT1_3 24079	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.16 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.85 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.52 2.56 0.01	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.33 3.31 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.41 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT1_4 24080	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.16 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.85 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.52 2.56 0.01	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.33 3.31 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.41 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT1_5 24084	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.16 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.85 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.52 2.56 0.01	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.33 3.31 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.41 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT1_6 24111	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.16 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.85 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.52 2.56 0.01	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.33 3.31 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.41 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT1_7 24112	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.16 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.85 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.52 2.56 0.01	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.33 3.31 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.41 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT1_8 24113	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.16 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.85 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.52 2.56 0.01	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.33 3.31 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.41 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT2_1 24114	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
GOWANUS_GT2_2 24115	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
GOWANUS_GT2_3 24116	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00

GOWANUS_GT2_4 24117	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
GOWANUS_GT2_5 24118	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
GOWANUS_GT2_6 24119	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
GOWANUS_GT2_7 24120	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
GOWANUS_GT2_8 24121	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
GOWANUS_GT3_1 24122	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.17 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.86 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.26	34.53 2.56 0.00	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.32 3.30 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.40 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT3_2 24123	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.17 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.86 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00	27.82 1.86 0.00	33.35 1.87 -6.26	34.53 2.56 0.00	36.02 2.76 0.01	38.37 2.85 0.00	41.22 3.08 0.00	43.32 3.30 0.00	39.13 3.52 0.00	41.28 3.52 0.00	44.11 3.52 0.00	41.40 3.23 0.00	41.09 3.06 0.00	42.36 3.16 0.00	36.18 2.51 0.00	35.03 2.42 0.00
GOWANUS_GT3_3 24124	31.29 1.59 0.00	25.44 1.08 0.00	25.21 0.91 0.00	24.17 0.87 0.00	24.30 0.87 0.00	26.72 1.10 0.00	26.86 1.37 0.00	28.25 1.67 0.00	29.94 1.88 0.00															

GOWANUS_GT4_3 24132	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00
GOWANUS_GT4_4 24133	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00
GOWANUS_GT4_5 24134	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00
GOWANUS_GT4_6 24135	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00
GOWANUS_GT4_7 24136	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00
GOWANUS_GT4_8 24137	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00
GREENBSH_115KV_TB3 55895	29.95 0.25 0.00	24.53 0.17 0.00	24.42 0.12 0.00	23.43 0.14 0.00	23.57 0.14 0.00	25.80 0.18 0.00	25.83 0.35 0.00	26.97 0.39 0.00	28.43 0.38 0.00	26.28 0.32 0.00	26.46 0.20 -1.03	32.21 0.25 0.00	33.60 0.33 0.00	35.85 0.34 0.00	38.45 0.30 0.00	40.40 0.38 0.00	36.31 0.70 0.00	38.36 0.60 0.00	41.27 0.68 0.00	38.93 0.75 0.00	38.81 0.77 0.00	39.97 0.77 0.00	34.15 0.48 0.00	33.14 0.53 0.00
GREENIDGE_115KV_TB5 80291	29.63 -0.08 0.00	24.06 -0.29 0.00	24.07 -0.23 0.00	22.99 -0.30 0.00	23.20 -0.22 0.00	25.48 -0.13 0.00	25.52 0.04 0.00	26.74 0.16 0.00	28.33 0.27 0.00	26.06 0.11 0.00	25.43 0.21 0.00	32.27 0.30 0.00	33.60 0.34 0.00	35.77 0.20 -0.05	38.58 -0.01 -0.44	40.70 0.16 -0.52	36.47 0.44 -0.41	39.14 0.91 -0.47	41.95 0.98 -0.39	39.46 1.02 -0.27	38.70 0.66 0.00	40.16 0.96 0.00	34.44 0.77 0.00	33.08 0.47 0.00
GREENIDGE___3 23582	29.63 -0.08 0.00	24.06 -0.29 0.00	24.07 -0.23 0.00	22.99 -0.30 0.00	23.20 -0.22 0.00	25.48 -0.13 0.00	25.52 0.04 0.00	26.74 0.16 0.00	28.33 0.27 0.00	26.06 0.11 0.00	25.43 0.21 0.00	32.27 0.30 0.00	33.60 0.34 0.00	35.77 0.20 -0.05	38.58 -0.01 -0.44	40.70 0.16 -0.52	36.47 0.44 -0.41	39.14 0.91 -0.47	41.95 0.98 -0.39	39.46 1.02 -0.27	38.70 0.66 0.00	40.16 0.96 0.00	34.44 0.77 0.00	33.08 0.47 0.00
GREENIDGE___4 23583	29.63 -0.08 0.00	24.06 -0.29 0.00	24.07 -0.23 0.00	22.99 -0.30 0.00	23.20 -0.22 0.00	25.49 -0.13 0.00	25.52 0.03 0.00	26.75 0.16 0.00	28.32 0.27 0.00	26.06 0.10 0.00	25.43 0.21 0.00	32.27 0.30 0.00	33.61 0.34 0.00	35.75 0.19 -0.05	38.58 -0.01 -0.44	40.70 0.16 -0.52	36.46 0.43 -0.41	39.14 0.91 -0.47	41.95 0.98 -0.39	39.47 1.02 -0.27	38.70 0.66 0.00	40.16 0.96 0.00	34.43 0.76 0.00	33.08 0.47 0.00
GREENLWN_69_KV_BK 3 55738	32.15 1.73 -0.71	25.58 1.22 0.00	25.22 0.92 0.00	24.13 0.84 0.00	24.30 0.87 0.00	26.73 1.11 0.00	26.88 1.40 0.00	28.36 1.78 0.00	29.97 1.91 0.00	27.87 1.92 0.00	33.75 2.00 -6.53	34.33 2.36 0.00	35.83 2.57 0.00	38.09 2.57 0.00	40.92 2.77 0.00	43.03 3.01 0.00	38.72 3.10 0.00	40.91 3.14 0.00	43.67 3.09 0.00	41.01 2.84 0.00	41.62 2.82 -0.76	42.03 2.83 0.00	35.80 2.13 0.00	34.65 2.04 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00
GRISSOM___SOLAR 323813	32.62 2.92 0.00	26.58 2.22 0.00	26.48 2.18 0.00	25.34 2.05 0.00	25.54 2.11 0.00	28.03 2.41 0.00	27.99 2.50 0.00	28.52 1.94 0.00	28.62 0.56 0.00	25.42 -0.53 0.00	24.61 -0.61 0.00	31.92 -0.05 0.00	32.82 -0.44 0.00	36.81 1.29 0.00	41.68 3.53 0.00	44.92 4.90 0.00	39.70 4.09 0.00	42.08 4.31 0.00	45.16 4.57 0.00	42.66 4.49 0.00	42.52 4.48 0.00	43.73 4.53 0.00	37.34 3.66 0.00	35.86 3.25 0.00
GROVEVILLE___HYD 323602	31.13 1.42 0.00	25.32 0.96 0.00	25.12 0.83 0.00	24.07 0.78 0.00	24.22 0.79 0.00	26.59 0.97 0.00	26.70 1.22 0.00	28.08 1.50 0.00	29.73 1.67 0.00	27.58 1.62 0.00	26.84 1.61 0.00	34.14 2.18 0.00	35.67 2.40 0.00	38.09 2.57 0.00	40.94 2.79 0.00	43.08 3.06 0.00	38.86 3.25 0.00	41.10 3.33 0.00	43.97 3.39 0.00	41.23 3.06 0.00	40.91 2.87 0.00	42.12 2.91 0.00	35.89 2.22 0.00	34.72 2.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.74 0.03 0.00	24.29 -0.07 0.00	24.21 -0.09 0.00	23.20 -0.09 0.00	23.36 -0.07 0.00	25.62 0.00 0.00	25.51 0.02 0.00	26.60 0.02 0.00	28.08 0.02 0.00	25.95 -0.01 0.00	25.25 0.03 0.00	32.06 0.09 0.00	33.43 0.16 0.00	35.68 0.16 0.00	38.32 0.17 0.00	40.23 0.21 0.00	33.36 0.42 2.67	38.29 0.52 0.00	41.16 0.57 0.00	38.72 0.55 0.00	38.43 0.39 0.00	39.65 0.45 0.00	33.94 0.26 0.00	32.77 0.16 0.00

HAMLTNNY_34_KV_TB 80303	29.67 -0.04 0.00	24.21 -0.14 0.00	24.15 -0.14 0.00	23.15 -0.14 0.00	23.32 -0.11 0.00	25.55 -0.07 0.00	25.47 -0.02 0.00	26.56 -0.02 0.00	28.04 -0.02 0.00	25.91 -0.05 0.00	25.22 0.00 0.00	32.02 0.05 0.00	33.37 0.11 0.00	35.63 0.12 0.00	38.26 0.12 0.00	40.19 0.17 0.00	33.59 0.41 2.43	38.30 0.53 0.00	41.16 0.58 0.00	38.72 0.55 0.00	38.43 0.39 0.00	39.65 0.45 0.00	33.94 0.27 0.00	32.76 0.15 0.00
HAMPSHIRE___PAPER_HYD 323593	28.98 -0.73 0.00	23.89 -0.47 0.00	23.90 -0.40 0.00	22.89 -0.40 0.00	23.01 -0.42 0.00	25.19 -0.43 0.00	25.00 -0.48 0.00	25.99 -0.59 0.00	27.34 -0.72 0.00	25.16 -0.80 0.00	24.43 -0.79 0.00	30.86 -1.11 0.00	31.93 -1.33 0.00	34.10 -1.42 0.00	36.63 -1.52 0.00	38.25 -1.78 0.00	-47.17 -2.01 80.78	36.13 -1.64 0.00	39.05 -1.54 0.00	37.05 -1.12 0.00	37.11 -0.92 0.00	37.75 -1.45 0.00	32.16 -1.51 0.00	31.12 -1.49 0.00
HARDSCRABBLE_WT_PWR 323673	29.69 -0.02 0.00	24.31 -0.04 0.00	24.18 -0.12 0.00	23.17 -0.12 0.00	23.32 -0.11 0.00	25.50 -0.12 0.00	25.52 0.04 0.00	26.56 -0.03 0.00	27.89 -0.17 0.00	25.66 -0.30 0.00	24.71 -0.51 0.00	31.27 -0.70 0.00	32.65 -0.62 0.00	35.09 -0.42 0.00	37.88 -0.27 0.00	40.22 0.20 0.00	33.53 0.54 2.62	38.18 0.42 0.00	40.75 0.16 0.00	38.64 0.46 0.00	38.68 0.64 0.00	39.93 0.73 0.00	34.07 0.39 0.00	32.96 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.93 1.22 0.00	25.16 0.80 0.00	24.96 0.66 0.00	23.91 0.62 0.00	24.05 0.63 0.00	26.43 0.81 0.00	26.53 1.05 0.00	27.89 1.31 0.00	29.56 1.50 0.00	27.43 1.47 0.00	19.76 1.49 6.95	34.01 2.04 0.00	35.54 2.27 0.00	37.93 2.42 0.00	40.82 2.67 0.00	42.95 2.93 0.00	38.72 3.10 0.00	40.95 3.19 0.00	43.82 3.23 0.00	41.01 2.84 0.00	40.66 2.63 0.00	41.83 2.63 0.00	35.66 1.99 0.00	34.50 1.90 0.00
HARSNRAD_115KV_TB1 81005	28.88 -0.82 0.00	23.45 -0.91 0.00	23.61 -0.69 0.00	22.56 -0.73 0.00	22.78 -0.65 0.00	24.89 -0.73 0.00	24.87 -0.61 0.00	26.04 -0.54 0.00	27.81 -0.25 0.00	25.65 -0.31 0.00	25.29 0.07 0.00	32.11 0.14 0.00	33.24 -0.03 0.00	34.83 -0.52 0.17	35.89 -0.67 1.59	37.47 -0.67 1.88	33.80 -0.31 1.50	36.33 0.12 1.56	39.05 -0.24 1.29	36.96 -0.21 1.00	37.47 -0.56 0.00	39.29 0.08 0.00	33.90 0.22 0.00	32.58 -0.03 0.00
HARZA MOOSE___RIVER 24016	29.89 0.18 0.00	24.54 0.18 0.00	24.51 0.21 0.00	23.47 0.19 0.00	23.62 0.19 0.00	25.89 0.27 0.00	25.82 0.34 0.00	26.91 0.33 0.00	28.35 0.29 0.00	26.15 0.19 0.00	25.35 0.13 0.00	32.05 0.08 0.00	33.28 0.02 0.00	35.52 0.00 0.00	38.18 0.04 0.00	39.97 -0.05 0.00	13.16 0.07 22.53	38.05 0.29 0.00	41.05 0.46 0.00	38.74 0.57 0.00	38.53 0.49 0.00	39.39 0.19 0.00	33.49 -0.19 0.00	32.43 -0.18 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.45 -0.26 0.00	24.06 -0.30 0.00	23.99 -0.30 0.00	22.99 -0.30 0.00	23.15 -0.28 0.00	25.35 -0.26 0.00	25.27 -0.21 0.00	26.36 -0.22 0.00	27.86 -0.20 0.00	25.77 -0.19 0.00	25.08 -0.14 0.00	31.83 -0.13 0.00	33.18 -0.08 0.00	35.41 -0.10 0.00	38.03 -0.11 0.00	39.90 -0.12 0.00	32.57 0.10 3.15	37.95 0.19 0.00	40.76 0.17 0.00	38.34 0.17 0.00	38.06 0.02 0.00	39.31 0.11 0.00	33.66 -0.02 0.00	32.51 -0.09 0.00
HELLGATE_13_KV_LD 55870	31.20 1.50 0.00	25.36 1.01 0.00	25.15 0.85 0.00	24.11 0.82 0.00	24.25 0.82 0.00	26.65 1.03 0.00	26.80 1.32 0.00	28.22 1.64 0.00	29.91 1.85 0.00	27.80 1.84 0.00	33.33 1.86 -6.25	34.74 2.51 -0.27	36.26 2.70 -0.30	38.32 2.80 0.00	41.19 3.04 0.00	43.27 3.25 0.00	39.03 3.41 0.00	41.18 3.42 0.00	43.97 3.38 0.00	41.24 3.07 0.00	40.92 2.88 0.00	42.18 2.98 0.00	35.99 2.32 0.00	34.87 2.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.20 1.50 0.00	25.36 1.01 0.00	25.15 0.85 0.00	24.11 0.82 0.00	24.25 0.82 0.00	26.65 1.03 0.00	26.80 1.32 0.00	28.22 1.64 0.00	29.91 1.85 0.00	27.80 1.84 0.00	33.33 1.86 -6.25	34.74 2.51 -0.27	36.26 2.70 -0.30	38.32 2.80 0.00	41.19 3.04 0.00	43.27 3.25 0.00	39.03 3.41 0.00	41.18 3.42 0.00	43.97 3.38 0.00	41.24 3.07 0.00	40.92 2.88 0.00	42.18 2.98 0.00	35.99 2.32 0.00	34.87 2.26 0.00
HEMPSTEAD____ 23647	32.13 1.71 -0.71	25.54 1.18 0.00	25.21 0.91 0.00	24.12 0.83 0.00	24.28 0.85 0.00	26.71 1.10 0.00	26.86 1.37 0.00	28.35 1.77 0.00	29.94 1.89 0.00	27.86 1.90 0.00	33.73 1.98 -6.53	34.51 2.55 0.00	36.08 2.82 0.00	38.42 2.90 0.00	41.20 3.06 0.00	43.31 3.29 0.00	39.02 3.40 0.00	41.19 3.42 0.00	43.97 3.39 0.00	41.22 3.05 0.00	41.85 3.05 -0.76	42.39 3.18 0.00	36.12 2.45 0.00	34.89 2.28 0.00
HEWLETT_69_KV_BK3 55828	32.40 1.98 -0.71	25.75 1.39 0.00	25.43 1.13 0.00	24.34 1.05 0.00	24.50 1.07 0.00	26.93 1.32 0.00	27.06 1.58 0.00	28.54 1.95 0.00	30.20 2.14 0.00	28.09 2.14 0.00	34.01 2.26 -6.53	34.86 2.90 0.00	36.45 3.18 0.00	38.82 3.30 0.00	41.69 3.54 0.00	43.81 3.79 0.00	39.48 3.87 0.00	41.75 3.99 0.00	44.59 4.00 0.00	41.81 3.64 0.00	42.31 3.51 -0.76	42.85 3.64 0.00	36.54 2.86 0.00	35.28 2.68 0.00
HICKLING___1 23621	29.14 -0.57 0.00	23.59 -0.77 0.00	23.63 -0.67 0.00	22.50 -0.79 0.00	22.76 -0.67 0.00	25.08 -0.54 0.00	25.15 -0.33 0.00	26.45 -0.13 0.00	28.14 0.08 0.00	25.91 -0.04 0.00	25.42 0.19 0.00	32.35 0.39 0.00	33.73 0.47 0.00	36.04 0.43 -0.09	39.29 0.30 -0.84	41.45 0.44 -0.99	37.27 0.86 -0.79	39.67 1.09 -0.81	42.06 0.80 -0.67	39.44 0.74 -0.53	38.22 0.18 0.00	39.98 0.78 0.00	34.17 0.50 0.00	32.59 -0.02 0.00
HICKLING___2 23622	29.14 -0.57 0.00	23.59 -0.77 0.00	23.63 -0.67 0.00	22.50 -0.79 0.00	22.76 -0.67 0.00	25.08 -0.54 0.00	25.15 -0.33 0.00	26.45 -0.13 0.00	28.14 0.08 0.00	25.91 -0.04 0.00	25.42 0.19 0.00	32.35 0.39 0.00	33.73 0.47 0.00	36.04 0.43 -0.09	39.29 0.30 -0.84	41.45 0.44 -0.99	37.27 0.86 -0.79	39.67 1.09 -0.81	42.06 0.80 -0.67	39.44 0.74 -0.53	38.22 0.18 0.00	39.98 0.78 0.00	34.17 0.50 0.00	32.59 -0.02 0.00
HIGH FALLS___HY 23754	30.95 1.24 0.00	25.15 0.79 0.00	24.92 0.62 0.00	23.87 0.58 0.00	24.01 0.58 0.00	26.38 0.76 0.00	26.49 1.01 0.00	27.90 1.32 0.00	29.58 1.53 0.00	27.45 1.49 0.00	26.73 1.51 0.00	34.00 2.04 0.00	35.63 2.36 0.00	38.00 2.49 0.00	40.67 2.52 0.00	42.88 2.86 0.00	38.69 3.08 0.00	40.91 3.15 0.00	43.86 3.27 0.00	41.04 2.87 0.00	40.68 2.65 0.00	42.19 2.99 0.00	36.00 2.33 0.00	34.78 2.17 0.00
HIGH_RIVER___SOLAR 323847	30.75 1.05 0.00	25.13 0.78 0.00	25.05 0.75 0.00	24.00 0.71 0.00	24.15 0.73 0.00	26.45 0.83 0.00	26.42 0.94 0.00	27.49 0.91 0.00	28.68 0.63 0.00	26.21 0.26 0.00	25.38 0.16 0.00	32.24 0.27 0.00	33.55 0.29 0.00	35.99 0.48 0.00	39.27 1.12 0.00	41.72 1.70 0.00	37.19 1.57 0.00	39.31 1.55 0.00	42.39 1.80 0.00	39.97 1.79 0.00	39.85 1.81 0.00	41.07 1.87 0.00	35.13 1.46 0.00	33.98 1.37 0.00

HILLBURN___GT 23639	30.86 1.16 0.00	25.10 0.74 0.00	24.89 0.59 0.00	23.85 0.56 0.00	23.99 0.57 0.00	26.37 0.75 0.00	26.49 1.01 0.00	27.87 1.29 0.00	29.54 1.48 0.00	27.43 1.47 0.00	18.59 1.49 8.12	33.99 2.02 0.00	35.52 2.25 0.00	37.87 2.36 0.00	40.71 2.56 0.00	42.80 2.78 0.00	38.60 2.98 0.00	40.79 3.03 0.00	43.66 3.08 0.00	40.90 2.72 0.00	40.53 2.50 0.00	41.71 2.51 0.00	35.58 1.90 0.00	34.45 1.85 0.00
HILLSIDE_115KV_TB1 80332	28.63 -1.07 0.00	23.19 -1.17 0.00	23.23 -1.07 0.00	22.14 -1.16 0.00	22.39 -1.04 0.00	24.67 -0.95 0.00	24.73 -0.75 0.00	26.03 -0.56 0.00	27.69 -0.37 0.00	25.49 -0.46 0.00	25.00 -0.22 0.00	31.82 -0.14 0.00	33.17 -0.10 0.00	35.46 -0.15 -0.09	38.66 -0.31 -0.82	40.80 -0.20 -0.97	36.72 0.32 -0.78	39.01 0.45 -0.80	41.29 0.04 -0.66	38.68 -0.01 -0.52	37.44 -0.60 0.00	39.18 -0.02 0.00	33.51 -0.17 0.00	31.93 -0.68 0.00
HISHELDN_WT_PWR 323625	29.05 -0.66 0.00	23.55 -0.80 0.00	23.66 -0.64 0.00	22.57 -0.72 0.00	22.81 -0.62 0.00	25.02 -0.60 0.00	25.02 -0.46 0.00	26.24 -0.34 0.00	28.01 -0.05 0.00	25.84 -0.11 0.00	25.47 0.24 0.00	32.35 0.38 0.00	33.55 0.29 0.00	35.61 -0.06 -0.15	39.38 -0.20 -1.43	41.57 -0.14 -1.69	37.18 0.21 -1.35	39.73 0.56 -1.40	41.95 0.20 -1.17	39.25 0.18 -0.90	37.83 -0.21 0.00	39.64 0.44 0.00	34.12 0.44 0.00	32.70 0.09 0.00
HOLTSVILLE_IC_1 23690	32.11 1.69 -0.71	25.58 1.22 0.00	25.20 0.90 0.00	24.10 0.81 0.00	24.28 0.85 0.00	26.71 1.09 0.00	26.87 1.39 0.00	28.38 1.79 0.00	29.99 1.93 0.00	27.92 1.96 0.00	33.72 1.97 -6.53	34.41 2.45 0.00	36.00 2.73 0.00	38.36 2.84 0.00	41.16 3.01 0.00	43.19 3.17 0.00	38.89 3.27 0.00	41.14 3.38 0.00	43.86 3.27 0.00	41.28 3.10 0.00	41.95 3.15 -0.76	42.31 3.11 0.00	35.98 2.31 0.00	34.78 2.18 0.00
HOLTSVILLE_IC_10 23699	32.28 1.86 -0.71	25.70 1.34 0.00	25.31 1.01 0.00	24.20 0.91 0.00	24.39 0.96 0.00	26.81 1.20 0.00	27.00 1.52 0.00	28.52 1.94 0.00	30.16 2.10 0.00	28.09 2.13 0.00	33.89 2.14 -6.53	34.65 2.68 0.00	36.26 2.99 0.00	38.66 3.15 0.00	41.52 3.37 0.00	43.59 3.57 0.00	39.24 3.62 0.00	41.50 3.74 0.00	44.23 3.64 0.00	41.62 3.45 0.00	42.29 3.49 -0.76	42.62 3.42 0.00	36.21 2.53 0.00	34.98 2.37 0.00
HOLTSVILLE_IC_2 23691	32.11 1.69 -0.71	25.58 1.22 0.00	25.20 0.90 0.00	24.10 0.81 0.00	24.28 0.85 0.00	26.71 1.09 0.00	26.87 1.39 0.00	28.38 1.79 0.00	29.99 1.93 0.00	27.92 1.96 0.00	33.72 1.97 -6.53	34.41 2.45 0.00	36.00 2.73 0.00	38.36 2.84 0.00	41.16 3.01 0.00	43.19 3.17 0.00	38.89 3.27 0.00	41.14 3.38 0.00	43.86 3.27 0.00	41.28 3.10 0.00	41.95 3.15 -0.76	42.31 3.11 0.00	35.98 2.31 0.00	34.78 2.18 0.00
HOLTSVILLE_IC_3 23692	32.11 1.69 -0.71	25.58 1.22 0.00	25.20 0.90 0.00	24.10 0.81 0.00	24.28 0.85 0.00	26.71 1.09 0.00	26.87 1.39 0.00	28.38 1.79 0.00	29.99 1.93 0.00	27.92 1.96 0.00	33.72 1.97 -6.53	34.41 2.45 0.00	36.00 2.73 0.00	38.36 2.84 0.00	41.16 3.01 0.00	43.19 3.17 0.00	38.89 3.27 0.00	41.14 3.38 0.00	43.86 3.27 0.00	41.28 3.10 0.00	41.95 3.15 -0.76	42.31 3.11 0.00	35.98 2.31 0.00	34.78 2.18 0.00
HOLTSVILLE_IC_4 23693	32.11 1.69 -0.71	25.58 1.22 0.00	25.20 0.90 0.00	24.10 0.81 0.00	24.28 0.85 0.00	26.71 1.09 0.00	26.87 1.39 0.00	28.38 1.79 0.00	29.99 1.93 0.00	27.92 1.96 0.00	33.72 1.97 -6.53	34.41 2.45 0.00	36.00 2.73 0.00	38.36 2.84 0.00	41.16 3.01 0.00	43.19 3.17 0.00	38.89 3.27 0.00	41.14 3.38 0.00	43.86 3.27 0.00	41.28 3.10 0.00	41.95 3.15 -0.76	42.31 3.11 0.00	35.98 2.31 0.00	34.78 2.18 0.00
HOLTSVILLE_IC_5 23694	32.11 1.69 -0.71	25.58 1.22 0.00	25.20 0.90 0.00	24.10 0.81 0.00	24.28 0.85 0.00	26.71 1.09 0.00	26.87 1.39 0.00	28.38 1.79 0.00	29.99 1.93 0.00	27.92 1.96 0.00	33.72 1.97 -6.53	34.41 2.45 0.00	36.00 2.73 0.00	38.36 2.84 0.00	41.16 3.01 0.00	43.19 3.17 0.00	38.89 3.27 0.00	41.14 3.38 0.00	43.86 3.27 0.00	41.28 3.10 0.00	41.95 3.15 -0.76	42.31 3.11 0.00	35.98 2.31 0.00	34.78 2.18 0.00
HOLTSVILLE_IC_6 23695	32.28 1.86 -0.71	25.70 1.34 0.00	25.31 1.01 0.00	24.20 0.91 0.00	24.39 0.96 0.00	26.81 1.20 0.00	27.00 1.52 0.00	28.52 1.94 0.00	30.16 2.10 0.00	28.09 2.13 0.00	33.89 2.14 -6.53	34.65 2.68 0.00	36.26 2.99 0.00	38.66 3.15 0.00	41.52 3.37 0.00	43.59 3.57 0.00	39.24 3.62 0.00	41.50 3.74 0.00	44.23 3.64 0.00	41.62 3.45 0.00	42.29 3.49 -0.76	42.62 3.42 0.00	36.21 2.53 0.00	34.98 2.37 0.00
HOLTSVILLE_IC_7 23696	32.28 1.86 -0.71	25.70 1.34 0.00	25.31 1.01 0.00	24.20 0.91 0.00	24.39 0.96 0.00	26.81 1.20 0.00	27.00 1.52 0.00	28.52 1.94 0.00	30.16 2.10 0.00	28.09 2.13 0.00	33.89 2.14 -6.53	34.65 2.68 0.00	36.26 2.99 0.00	38.66 3.15 0.00	41.52 3.37 0.00	43.59 3.57 0.00	39.24 3.62 0.00	41.50 3.74 0.00	44.23 3.64 0.00	41.62 3.45 0.00	42.29 3.49 -0.76	42.62 3.42 0.00	36.21 2.53 0.00	34.98 2.37 0.00
HOLTSVILLE_IC_8 23697	32.28 1.86 -0.71	25.70 1.34 0.00	25.31 1.01 0.00	24.20 0.91 0.00	24.39 0.96 0.00	26.81 1.20 0.00	27.00 1.52 0.00	28.52 1.94 0.00	30.16 2.10 0.00	28.09 2.13 0.00	33.89 2.14 -6.53	34.65 2.68 0.00	36.26 2.99 0.00	38.66 3.15 0.00	41.52 3.37 0.00	43.59 3.57 0.00	39.24 3.62 0.00	41.50 3.74 0.00	44.23 3.64 0.00	41.62 3.45 0.00	42.29 3.49 -0.76	42.62 3.42 0.00	36.21 2.53 0.00	34.98 2.37 0.00
HOLTSVILLE_IC_9 23698	32.28 1.86 -0.71	25.70 1.34 0.00	25.31 1.01 0.00	24.20 0.91 0.00	24.39 0.96 0.00	26.81 1.20 0.00	27.00 1.52 0.00	28.52 1.94 0.00	30.16 2.10 0.00	28.09 2.13 0.00	33.89 2.14 -6.53	34.65 2.68 0.00	36.26 2.99 0.00	38.66 3.15 0.00	41.52 3.37 0.00	43.59 3.57 0.00	39.24 3.62 0.00	41.50 3.74 0.00	44.23 3.64 0.00	41.62 3.45 0.00	42.29 3.49 -0.76	42.62 3.42 0.00	36.21 2.53 0.00	34.98 2.37 0.00
HOMER_HL_115KV_TB2 355744	29.47 -0.23 0.00	23.83 -0.53 0.00	23.94 -0.36 0.00	22.86 -0.43 0.00	23.15 -0.27 0.00	25.42 -0.20 0.00	25.50 0.02 0.00	26.83 0.24 0.00	28.63 0.57 0.00	26.43 0.47 0.00	25.92 0.70 0.00	32.82 0.85 0.00	34.04 0.77 0.00	36.39 0.59 -0.28	41.07 0.32 -2.60	43.53 0.43 -3.08	38.95 0.87 -2.46	41.37 1.06 -2.55	43.46 0.76 -2.11	40.44 0.63 -1.64	38.32 0.28 0.00	40.10 0.90 0.00	34.43 0.76 0.00	33.03 0.42 0.00
HOWARD_WT_PWR 323690	30.74 1.03 0.00	24.61 0.26 0.00	24.75 0.45 0.00	23.27 -0.02 0.00	23.46 0.04 0.00	25.77 0.15 0.00	26.03 0.55 0.00	27.51 0.93 0.00	29.28 1.22 0.00	27.10 1.15 0.00	26.63 1.40 0.00	33.68 1.72 0.00	35.29 2.02 0.00	37.63 1.96 -0.15	41.37 1.82 -1.41	43.51 1.83 -1.66	38.95 2.00 -1.33	41.60 2.47 -1.37	44.32 2.60 -1.13	41.95 2.89 -0.88	40.62 2.58 0.00	42.31 3.11 0.00	36.20 2.52 0.00	34.72 2.11 0.00

HQ_GEN_CEDARS 23644	29.71 0.00 0.00	24.52 0.16 0.00	24.53 0.23 0.00	23.51 0.22 0.00	23.61 0.19 0.00	25.76 0.14 0.00	25.48 0.00 0.00	26.49 -0.09 0.00	27.88 -0.17 0.00	25.70 -0.25 0.00	25.07 -0.16 0.00	31.69 -0.27 0.00	32.79 -0.48 0.00	35.06 -0.45 0.00	37.75 -0.40 0.00	39.41 -0.61 0.00	-131.64 -1.57 165.69	36.37 -1.39 0.00	39.21 -1.37 0.00	36.95 -1.23 0.00	37.37 -0.67 0.00	38.37 -0.83 0.00	33.07 -0.61 0.00	32.02 -0.59 0.00
HQ_GEN_CEDARS_PROXY 323590	29.71 0.00 0.00	24.52 0.16 0.00	24.53 0.23 0.00	23.51 0.22 0.00	23.61 0.19 0.00	25.76 0.14 0.00	25.48 0.00 0.00	26.49 -0.09 0.00	27.88 -0.17 0.00	25.70 -0.25 0.00	25.07 -0.16 0.00	31.69 -0.27 0.00	32.79 -0.48 0.00	35.06 -0.45 0.00	37.75 -0.40 0.00	39.41 -0.61 0.00	-131.64 -1.57 165.69	36.37 -1.39 0.00	18.99 -1.37 20.22	18.51 -1.23 18.43	37.37 -0.67 0.00	38.37 -0.83 0.00	33.07 -0.61 0.00	32.02 -0.59 0.00
HQ_GEN_IMPORT 323601	29.65 -0.05 0.00	24.43 0.08 0.00	24.43 0.13 0.00	23.41 0.12 0.00	23.53 0.10 0.00	25.67 0.05 0.00	25.39 -0.09 0.00	26.43 -0.16 0.00	27.87 -0.18 0.00	25.78 -0.18 0.00	25.08 -0.14 0.00	31.73 -0.24 0.00	32.92 -0.34 0.00	39.69 -0.33 -4.50	37.83 -0.31 0.00	39.59 -0.43 0.00	40.64 -0.82 -5.84	36.98 -0.78 0.00	39.79 -0.80 0.00	37.38 -0.80 0.00	37.37 -0.66 0.00	37.12 -0.75 1.34	33.21 -0.46 0.00	32.17 -0.44 0.00
HQ_GEN_WHEEL 23651	29.65 -0.05 0.00	24.43 0.08 0.00	24.43 0.13 0.00	23.41 0.12 0.00	23.53 0.10 0.00	25.67 0.05 0.00	25.39 -0.09 0.00	26.43 -0.16 0.00	27.87 -0.18 0.00	25.78 -0.18 0.00	25.08 -0.14 0.00	31.73 -0.24 0.00	32.92 -0.34 0.00	39.69 -0.33 -4.50	37.83 -0.31 0.00	39.59 -0.43 0.00	40.64 -0.82 -5.84	36.98 -0.78 0.00	39.79 -0.80 0.00	37.38 -0.80 0.00	37.37 -0.66 0.00	37.12 -0.75 1.34	33.21 -0.46 0.00	32.17 -0.44 0.00
HUDSON AVE_GT_3 23810	31.21 1.51 0.00	25.36 1.00 0.00	25.15 0.85 0.00	24.09 0.80 0.00	24.24 0.81 0.00	26.64 1.02 0.00	26.78 1.30 0.00	28.20 1.62 0.00	29.90 1.85 0.00	27.80 1.84 0.00	33.35 1.87 -6.25	34.49 2.52 0.00	36.01 2.75 0.00	38.36 2.85 0.00	41.20 3.06 0.00	43.34 3.32 0.00	39.09 3.47 0.00	41.25 3.48 0.00	44.07 3.49 0.00	41.28 3.10 0.00	40.95 2.92 0.00	42.21 3.00 0.00	36.01 2.34 0.00	34.88 2.27 0.00
HUDSON AVE_GT_4 23540	31.21 1.51 0.00	25.36 1.00 0.00	25.15 0.85 0.00	24.09 0.80 0.00	24.24 0.81 0.00	26.64 1.02 0.00	26.78 1.30 0.00	28.20 1.62 0.00	29.90 1.85 0.00	27.80 1.84 0.00	33.35 1.87 -6.25	34.49 2.52 0.00	36.01 2.75 0.00	38.36 2.85 0.00	41.20 3.06 0.00	43.34 3.32 0.00	39.09 3.47 0.00	41.25 3.48 0.00	44.07 3.49 0.00	41.28 3.10 0.00	40.95 2.92 0.00	42.21 3.00 0.00	36.01 2.34 0.00	34.88 2.27 0.00
HUDSON AVE_GT_5 23657	31.21 1.51 0.00	25.36 1.00 0.00	25.15 0.85 0.00	24.09 0.80 0.00	24.24 0.81 0.00	26.64 1.02 0.00	26.78 1.30 0.00	28.20 1.62 0.00	29.90 1.85 0.00	27.80 1.84 0.00	33.35 1.87 -6.25	34.49 2.52 0.00	36.01 2.75 0.00	38.36 2.85 0.00	41.20 3.06 0.00	43.34 3.32 0.00	39.09 3.47 0.00	41.25 3.48 0.00	44.07 3.49 0.00	41.28 3.10 0.00	40.95 2.92 0.00	42.21 3.00 0.00	36.01 2.34 0.00	34.88 2.27 0.00
HUDSON_AVE_10 24168	31.10 1.39 0.00	25.27 0.92 0.00	25.06 0.76 0.00	24.02 0.73 0.00	24.15 0.73 0.00	26.54 0.92 0.00	26.69 1.21 0.00	28.11 1.53 0.00	29.79 1.73 0.00	27.70 1.74 0.00	33.23 1.76 -6.25	34.34 2.37 0.00	35.85 2.58 0.00	38.18 2.67 0.00	41.03 2.89 0.00	43.14 3.12 0.00	38.90 3.29 0.00	41.07 3.30 0.00	43.91 3.32 0.00	41.13 2.96 0.00	40.79 2.76 0.00	42.04 2.84 0.00	35.87 2.19 0.00	34.74 2.13 0.00
HUDSON___115KV_TB 4 355613	30.59 0.88 0.00	25.04 0.68 0.00	24.94 0.64 0.00	23.93 0.63 0.00	24.06 0.64 0.00	26.36 0.74 0.00	26.39 0.91 0.00	27.54 0.96 0.00	28.91 0.85 0.00	26.60 0.65 0.00	26.54 0.45 -0.87	32.48 0.51 0.00	33.89 0.63 0.00	36.22 0.71 0.00	38.91 0.76 0.00	41.05 1.03 0.00	37.17 1.56 0.00	39.41 1.65 0.00	42.41 1.82 0.00	40.03 1.86 0.00	39.97 1.93 0.00	41.09 1.89 0.00	35.02 1.35 0.00	33.90 1.29 0.00
HUNTER MOUNT___DRP 323613	30.76 1.05 0.00	25.18 0.83 0.00	25.10 0.80 0.00	24.08 0.79 0.00	24.22 0.80 0.00	26.53 0.91 0.00	26.56 1.07 0.00	27.68 1.10 0.00	29.01 0.95 0.00	26.62 0.66 0.00	25.66 0.44 0.00	32.44 0.48 0.00	33.86 0.60 0.00	36.20 0.68 0.00	38.90 0.75 0.00	41.09 1.07 0.00	37.36 1.74 0.00	39.59 1.83 0.00	42.61 2.02 0.00	40.27 2.10 0.00	40.22 2.18 0.00	41.34 2.13 0.00	35.20 1.53 0.00	34.05 1.44 0.00
HUNTINGTON_RES_REC 323705	32.27 1.85 -0.71	25.68 1.32 0.00	25.30 1.00 0.00	24.20 0.91 0.00	24.37 0.94 0.00	26.81 1.20 0.00	26.97 1.49 0.00	28.48 1.90 0.00	30.11 2.06 0.00	28.03 2.07 0.00	33.87 2.12 -6.53	34.54 2.57 0.00	36.10 2.84 0.00	38.45 2.94 0.00	41.32 3.18 0.00	43.47 3.45 0.00	39.07 3.46 0.00	41.33 3.56 0.00	44.06 3.48 0.00	41.42 3.25 0.00	42.05 3.25 -0.76	42.41 3.21 0.00	36.06 2.38 0.00	34.87 2.26 0.00
HUNTLEY___63 23557	29.12 -0.58 0.00	23.63 -0.73 0.00	23.77 -0.52 0.00	22.71 -0.58 0.00	22.94 -0.49 0.00	25.08 -0.53 0.00	25.05 -0.43 0.00	26.25 -0.33 0.00	28.05 -0.01 0.00	25.91 -0.05 0.00	25.56 0.34 0.00	32.49 0.52 0.00	33.64 0.38 0.00	35.55 -0.06 -0.10	38.87 -0.17 -0.90	40.93 -0.15 -1.07	36.63 0.16 -0.85	39.27 0.61 -0.89	41.57 0.25 -0.73	38.97 0.23 -0.57	37.85 -0.18 0.00	39.68 0.47 0.00	34.21 0.53 0.00	32.85 0.24 0.00
HUNTLEY___64 23558	29.12 -0.58 0.00	23.63 -0.73 0.00	23.77 -0.52 0.00	22.71 -0.58 0.00	22.94 -0.49 0.00	25.08 -0.53 0.00	25.05 -0.43 0.00	26.25 -0.33 0.00	28.05 -0.01 0.00	25.91 -0.05 0.00	25.56 0.34 0.00	32.49 0.52 0.00	33.64 0.38 0.00	35.55 -0.06 -0.10	38.87 -0.17 -0.90	40.93 -0.15 -1.07	36.63 0.16 -0.85	39.27 0.61 -0.89	41.57 0.25 -0.73	38.97 0.23 -0.57	37.85 -0.18 0.00	39.68 0.47 0.00	34.21 0.53 0.00	32.85 0.24 0.00
HUNTLEY___65 23559	29.12 -0.58 0.00	23.63 -0.73 0.00	23.77 -0.52 0.00	22.71 -0.58 0.00	22.94 -0.49 0.00	25.08 -0.53 0.00	25.05 -0.43 0.00	26.25 -0.33 0.00	28.05 -0.01 0.00	25.91 -0.05 0.00	25.56 0.34 0.00	32.49 0.52 0.00	33.64 0.38 0.00	35.55 -0.06 -0.10	38.87 -0.17 -0.90	40.93 -0.15 -1.07	36.63 0.16 -0.85	39.27 0.61 -0.89	41.57 0.25 -0.73	38.97 0.23 -0.57	37.85 -0.18 0.00	39.68 0.47 0.00	34.21 0.53 0.00	32.85 0.24 0.00
HUNTLEY___66 23560	29.12 -0.58 0.00	23.63 -0.73 0.00	23.77 -0.52 0.00	22.71 -0.58 0.00	22.94 -0.49 0.00	25.08 -0.53 0.00	25.05 -0.43 0.00	26.25 -0.33 0.00	28.05 -0.01 0.00	25.91 -0.05 0.00	25.56 0.34 0.00	32.49 0.52 0.00	33.64 0.38 0.00	35.55 -0.06 -0.10	38.87 -0.17 -0.90	40.93 -0.15 -1.07	36.63 0.16 -0.85	39.27 0.61 -0.89	41.57 0.25 -0.73	38.97 0.23 -0.57	37.85 -0.18 0.00	39.68 0.47 0.00	34.21 0.53 0.00	32.85 0.24 0.00



HUNTLEY___67 23561	28.87 -0.84 0.00	23.44 -0.91 0.00	23.60 -0.70 0.00	22.55 -0.74 0.00	22.77 -0.65 0.00	24.90 -0.72 0.00	24.87 -0.62 0.00	26.06 -0.53 0.00	27.83 -0.23 0.00	25.68 -0.27 0.00	25.33 0.11 0.00	32.18 0.21 0.00	33.32 0.06 0.00	36.01 -0.40 -0.89	45.87 -0.53 -8.25	49.25 -0.53 -9.76	43.24 -0.18 -7.81	46.08 0.21 -8.11	47.13 -0.18 -6.72	43.17 -0.19 -5.19	37.47 -0.56 0.00	39.31 0.11 0.00	33.88 0.21 0.00	32.54 -0.07 0.00
HUNTLEY___68 23562	28.87 -0.84 0.00	23.44 -0.91 0.00	23.60 -0.70 0.00	22.55 -0.74 0.00	22.77 -0.65 0.00	24.90 -0.72 0.00	24.87 -0.62 0.00	26.06 -0.53 0.00	27.83 -0.23 0.00	25.68 -0.27 0.00	25.33 0.11 0.00	32.18 0.21 0.00	33.32 0.06 0.00	36.01 -0.40 -0.89	45.87 -0.53 -8.25	49.25 -0.53 -9.76	43.24 -0.18 -7.81	46.08 0.21 -8.11	47.13 -0.18 -6.72	43.17 -0.19 -5.19	37.47 -0.56 0.00	39.31 0.11 0.00	33.88 0.21 0.00	32.54 -0.07 0.00
HYLAND___LFG 323620	30.48 0.77 0.00	24.69 0.33 0.00	24.73 0.43 0.00	23.60 0.31 0.00	23.82 0.40 0.00	26.17 0.55 0.00	26.23 0.75 0.00	27.47 0.88 0.00	28.86 0.80 0.00	26.27 0.31 0.00	25.78 0.56 0.00	32.78 0.81 0.00	34.00 0.73 0.00	35.90 0.34 -0.05	38.38 -0.19 -0.42	40.07 -0.45 -0.50	35.91 -0.11 -0.40	38.43 0.25 -0.42	41.08 0.14 -0.35	39.39 0.96 -0.27	39.15 1.11 0.00	41.62 2.42 0.00	35.92 2.24 0.00	34.32 1.71 0.00
INDECK___CORINTH 23802	31.76 2.05 0.00	25.80 1.45 0.00	25.74 1.44 0.00	24.67 1.38 0.00	24.88 1.45 0.00	27.24 1.62 0.00	27.29 1.81 0.00	28.61 2.03 0.00	30.05 2.00 0.00	27.58 1.62 0.00	27.43 1.24 -0.97	33.65 1.68 0.00	34.99 1.72 0.00	37.30 1.78 0.00	40.28 2.14 0.00	42.79 2.77 0.00	38.31 2.70 0.00	40.60 2.83 0.00	44.25 3.66 0.00	41.75 3.58 0.00	41.80 3.76 0.00	42.96 3.76 0.00	36.55 2.87 0.00	35.41 2.80 0.00
INDECK___ILION 23567	29.77 0.07 0.00	24.37 0.01 0.00	24.26 -0.04 0.00	23.25 -0.04 0.00	23.40 -0.02 0.00	25.61 -0.01 0.00	25.58 0.09 0.00	26.66 0.08 0.00	28.06 0.01 0.00	25.88 -0.08 0.00	25.02 -0.20 0.00	31.70 -0.27 0.00	33.05 -0.21 0.00	35.43 -0.09 0.00	38.19 0.05 0.00	40.28 0.26 0.00	33.47 0.47 2.62	38.16 0.39 0.00	40.95 0.37 0.00	38.67 0.49 0.00	38.56 0.52 0.00	39.78 0.57 0.00	34.01 0.33 0.00	32.92 0.32 0.00
INDECK___OLEAN 23982	29.47 -0.24 0.00	23.83 -0.53 0.00	23.94 -0.36 0.00	22.86 -0.43 0.00	23.15 -0.27 0.00	25.42 -0.20 0.00	25.50 0.02 0.00	26.83 0.25 0.00	28.63 0.57 0.00	26.43 0.47 0.00	25.93 0.71 0.00	32.82 0.85 0.00	34.05 0.78 0.00	36.38 0.58 -0.28	41.07 0.33 -2.60	43.54 0.44 -3.08	38.95 0.87 -2.46	41.38 1.07 -2.55	43.46 0.76 -2.11	40.44 0.63 -1.64	38.33 0.29 0.00	40.10 0.90 0.00	34.43 0.76 0.00	33.02 0.42 0.00
INDECK___OSWEGO 23783	29.04 -0.66 0.00	23.76 -0.60 0.00	23.71 -0.59 0.00	22.71 -0.57 0.00	22.86 -0.56 0.00	25.03 -0.59 0.00	24.92 -0.56 0.00	25.97 -0.61 0.00	27.40 -0.66 0.00	25.33 -0.62 0.00	24.61 -0.61 0.00	31.22 -0.74 0.00	32.52 -0.74 0.00	34.65 -0.87 0.00	37.01 -1.13 0.00	38.77 -1.25 0.00	29.29 -0.93 5.39	36.84 -0.93 0.00	39.63 -0.96 0.00	37.33 -0.84 0.00	37.12 -0.92 0.00	38.49 -0.71 0.00	33.03 -0.64 0.00	31.95 -0.66 0.00
INDECK___YERKES 23781	29.15 -0.55 0.00	23.65 -0.70 0.00	23.80 -0.50 0.00	22.73 -0.56 0.00	22.96 -0.47 0.00	25.11 -0.51 0.00	25.08 -0.40 0.00	26.28 -0.30 0.00	28.08 0.03 0.00	25.93 -0.02 0.00	25.60 0.38 0.00	32.53 0.56 0.00	33.68 0.42 0.00	35.58 -0.03 -0.10	38.93 -0.12 -0.90	41.00 -0.09 -1.07	36.68 0.21 -0.85	39.32 0.67 -0.89	41.63 0.31 -0.73	39.01 0.27 -0.57	37.90 -0.13 0.00	39.72 0.52 0.00	34.25 0.57 0.00	32.88 0.28 0.00
INDIAN POINT_GT_1 24139	30.89 1.18 0.00	25.12 0.76 0.00	24.92 0.62 0.00	23.88 0.59 0.00	24.02 0.60 0.00	26.39 0.77 0.00	26.51 1.03 0.00	27.89 1.31 0.00	29.54 1.48 0.00	27.42 1.46 0.00	34.04 1.48 -7.35	33.95 1.99 0.00	35.46 2.19 0.00	37.80 2.29 0.00	40.61 2.46 0.00	42.70 2.68 0.00	38.50 2.88 0.00	40.68 2.91 0.00	43.54 2.95 0.00	40.81 2.64 0.00	40.49 2.46 0.00	41.70 2.50 0.00	35.56 1.89 0.00	34.46 1.85 0.00
INDIAN POINT_GT_2 23659	30.89 1.18 0.00	25.12 0.76 0.00	24.92 0.62 0.00	23.88 0.59 0.00	24.02 0.60 0.00	26.39 0.77 0.00	26.51 1.03 0.00	27.89 1.31 0.00	29.54 1.48 0.00	27.42 1.46 0.00	34.04 1.48 -7.35	33.95 1.99 0.00	35.46 2.19 0.00	37.80 2.29 0.00	40.61 2.46 0.00	42.70 2.68 0.00	38.50 2.88 0.00	40.68 2.91 0.00	43.54 2.95 0.00	40.81 2.64 0.00	40.49 2.46 0.00	41.70 2.50 0.00	35.56 1.89 0.00	34.46 1.85 0.00
INDIAN POINT_GT_3 24019	30.89 1.18 0.00	25.12 0.76 0.00	24.92 0.62 0.00	23.88 0.59 0.00	24.02 0.60 0.00	26.39 0.77 0.00	26.51 1.03 0.00	27.89 1.31 0.00	29.54 1.48 0.00	27.42 1.46 0.00	34.04 1.48 -7.35	33.95 1.99 0.00	35.46 2.19 0.00	37.80 2.29 0.00	40.61 2.46 0.00	42.70 2.68 0.00	38.50 2.88 0.00	40.68 2.91 0.00	43.54 2.95 0.00	40.81 2.64 0.00	40.49 2.46 0.00	41.70 2.50 0.00	35.56 1.89 0.00	34.46 1.85 0.00
INDIAN POINT___2 23530	30.85 1.14 0.00	25.09 0.74 0.00	24.88 0.58 0.00	23.85 0.56 0.00	23.99 0.56 0.00	26.35 0.74 0.00	26.48 1.00 0.00	27.86 1.28 0.00	29.50 1.44 0.00	27.39 1.44 0.00	36.58 1.45 -9.91	33.92 1.96 0.00	35.43 2.17 0.00	37.78 2.27 0.00	40.58 2.44 0.00	42.66 2.64 0.00	38.47 2.85 0.00	40.64 2.88 0.00	43.50 2.91 0.00	40.77 2.60 0.00	40.44 2.41 0.00	41.64 2.44 0.00	35.52 1.85 0.00	34.41 1.81 0.00
INDIAN POINT___3 23531	30.86 1.15 0.00	25.10 0.74 0.00	24.89 0.60 0.00	23.86 0.57 0.00	24.00 0.58 0.00	26.36 0.74 0.00	26.49 1.01 0.00	27.86 1.28 0.00	29.51 1.45 0.00	27.39 1.43 0.00	34.20 1.44 -7.53	33.91 1.94 0.00	35.41 2.15 0.00	37.76 2.24 0.00	40.56 2.42 0.00	42.65 2.62 0.00	38.44 2.82 0.00	40.61 2.85 0.00	43.47 2.88 0.00	40.75 2.59 0.00	40.43 2.39 0.00	41.64 2.43 0.00	35.52 1.85 0.00	34.42 1.81 0.00
INGHAM_C_115KV_TB7 356103	29.65 -0.06 0.00	24.26 -0.10 0.00	24.11 -0.19 0.00	23.09 -0.20 0.00	23.26 -0.17 0.00	25.45 -0.17 0.00	25.49 0.01 0.00	26.51 -0.08 0.00	27.75 -0.31 0.00	25.46 -0.50 0.00	24.46 -0.76 0.00	30.94 -1.02 0.00	32.32 -0.95 0.00	34.87 -0.64 0.00	37.80 -0.34 0.00	40.14 0.12 0.00	33.50 0.50 2.62	38.08 0.32 0.00	40.80 0.21 0.00	38.71 0.54 0.00	38.73 0.69 0.00	39.99 0.79 0.00	34.07 0.40 0.00	32.97 0.37 0.00
IP CORINTH___1 23988	31.76 2.05 0.00	25.80 1.45 0.00	25.74 1.44 0.00	24.67 1.38 0.00	24.88 1.45 0.00	27.24 1.62 0.00	27.29 1.81 0.00	28.61 2.03 0.00	30.05 2.00 0.00	27.58 1.62 0.00	27.44 1.24 -0.97	33.65 1.68 0.00	34.99 1.72 0.00	37.29 1.78 0.00	40.29 2.14 0.00	42.79 2.77 0.00	38.31 2.70 0.00	40.60 2.83 0.00	44.25 3.67 0.00	41.75 3.58 0.00	41.80 3.76 0.00	42.96 3.76 0.00	36.55 2.87 0.00	35.41 2.80 0.00

IP___TICONDEROGA 23804	33.45 3.75 0.00	26.87 2.51 0.00	26.90 2.60 0.00	25.82 2.53 0.00	26.14 2.71 0.00	28.53 2.92 0.00	28.63 3.14 0.00	30.19 3.60 0.00	31.48 3.42 0.00	28.57 2.62 0.00	28.37 2.17 -0.98	35.01 3.04 0.00	36.26 2.99 0.00	38.61 3.09 0.00	42.07 3.93 0.00	45.06 5.04 0.00	40.81 5.20 0.00	43.10 5.33 0.00	47.28 6.69 0.00	44.62 6.45 0.00	44.51 6.47 0.00	45.66 6.46 0.00	38.69 5.02 0.00	37.78 5.17 0.00
ISLIP_RES_REC 323679	32.48 2.06 -0.71	25.86 1.50 0.00	25.46 1.16 0.00	24.34 1.05 0.00	24.52 1.10 0.00	26.98 1.37 0.00	27.17 1.69 0.00	28.71 2.13 0.00	30.38 2.32 0.00	28.30 2.34 0.00	34.12 2.37 -6.53	34.95 2.98 0.00	36.60 3.33 0.00	39.04 3.53 0.00	41.94 3.79 0.00	44.04 4.02 0.00	39.66 4.04 0.00	41.95 4.18 0.00	44.69 4.10 0.00	42.03 3.86 0.00	42.66 3.86 -0.76	42.98 3.78 0.00	36.48 2.80 0.00	35.21 2.60 0.00
JAMAICA__27_KV_LOAD 355505	31.35 1.65 0.00	25.49 1.14 0.00	25.28 0.98 0.00	24.25 0.96 0.00	24.37 0.95 0.00	26.76 1.15 0.00	26.96 1.48 0.00	28.36 1.77 0.00	30.03 1.98 0.00	27.92 1.97 0.00	33.43 1.95 -6.25	34.57 2.60 0.00	36.07 2.80 0.00	38.41 2.89 0.00	41.33 3.18 0.00	43.43 3.41 0.00	39.16 3.55 0.00	41.41 3.64 0.00	44.34 3.75 0.00	41.56 3.39 0.00	41.19 3.15 0.00	42.52 3.32 0.00	36.24 2.57 0.00	35.05 2.44 0.00
JANIS___SOLAR 323808	30.82 1.12 0.00	25.10 0.75 0.00	25.05 0.75 0.00	23.97 0.68 0.00	24.16 0.74 0.00	26.53 0.91 0.00	26.55 1.07 0.00	27.78 1.19 0.00	29.27 1.21 0.00	26.76 0.80 0.00	25.96 0.73 0.00	32.71 0.74 0.00	34.13 0.86 0.00	36.46 0.95 0.00	39.04 0.90 0.00	40.95 0.92 0.00	36.86 1.25 0.00	39.61 1.84 0.00	42.75 2.16 0.00	40.54 2.37 0.00	40.37 2.33 0.00	41.68 2.48 0.00	35.55 1.88 0.00	34.22 1.61 0.00
JARVIS____ 23743	29.77 0.06 0.00	24.38 0.02 0.00	24.30 0.00 0.00	23.29 0.00 0.00	23.43 0.00 0.00	25.65 0.03 0.00	25.56 0.08 0.00	26.69 0.11 0.00	28.17 0.11 0.00	26.06 0.10 0.00	25.29 0.06 0.00	32.06 0.09 0.00	33.39 0.12 0.00	35.64 0.13 0.00	38.29 0.15 0.00	40.20 0.18 0.00	33.30 0.30 2.62	38.04 0.28 0.00	40.87 0.29 0.00	38.46 0.29 0.00	38.31 0.27 0.00	39.49 0.29 0.00	33.86 0.18 0.00	32.80 0.19 0.00
JENNISON___1 23625	30.93 1.22 0.00	25.18 0.83 0.00	25.11 0.82 0.00	24.04 0.75 0.00	24.23 0.81 0.00	26.61 0.99 0.00	26.65 1.17 0.00	27.92 1.34 0.00	29.51 1.45 0.00	27.14 1.18 0.00	26.42 1.20 0.00	33.45 1.49 0.00	34.86 1.60 0.00	37.27 1.76 0.00	39.64 1.49 0.00	41.69 1.67 0.00	37.40 1.78 0.00	39.77 2.01 0.00	42.80 2.21 0.00	40.48 2.31 0.00	40.23 2.19 0.00	41.51 2.31 0.00	35.48 1.81 0.00	34.22 1.61 0.00
JENNISON___2 23626	30.93 1.22 0.00	25.18 0.83 0.00	25.11 0.82 0.00	24.04 0.75 0.00	24.23 0.81 0.00	26.61 0.99 0.00	26.65 1.17 0.00	27.92 1.34 0.00	29.51 1.45 0.00	27.14 1.18 0.00	26.42 1.20 0.00	33.45 1.49 0.00	34.86 1.60 0.00	37.27 1.76 0.00	39.64 1.49 0.00	41.69 1.67 0.00	37.40 1.78 0.00	39.77 2.01 0.00	42.80 2.21 0.00	40.48 2.31 0.00	40.23 2.19 0.00	41.51 2.31 0.00	35.48 1.81 0.00	34.22 1.61 0.00
JERICHO_RISE_WT_PWR 323719	29.83 0.13 0.00	24.59 0.24 0.00	24.65 0.35 0.00	23.60 0.31 0.00	23.76 0.34 0.00	25.97 0.35 0.00	25.68 0.19 0.00	26.69 0.11 0.00	28.26 0.20 0.00	26.10 0.15 0.00	25.56 0.34 0.00	32.48 0.51 0.00	33.60 0.34 0.00	35.86 0.34 0.00	38.35 0.20 0.00	39.84 -0.18 0.00	16.39 -0.90 18.32	36.83 -0.94 0.00	39.94 -0.65 0.00	37.59 -0.58 0.00	37.43 -0.61 0.00	38.33 -0.87 0.00	33.01 -0.67 0.00	31.54 -1.07 0.00
KATONAH__115KV_46KV_TB4 355592	31.06 1.36 0.00	25.26 0.90 0.00	25.06 0.76 0.00	24.01 0.72 0.00	24.15 0.73 0.00	26.54 0.92 0.00	26.66 1.18 0.00	28.06 1.48 0.00	29.72 1.66 0.00	27.59 1.64 0.00	30.68 1.64 -3.82	34.18 2.22 0.00	35.71 2.44 0.00	38.08 2.56 0.00	40.92 2.77 0.00	43.06 3.04 0.00	38.81 3.20 0.00	40.98 3.22 0.00	43.85 3.27 0.00	41.12 2.95 0.00	40.80 2.76 0.00	42.00 2.80 0.00	35.80 2.13 0.00	34.65 2.05 0.00
KCE_NY_1 323755	31.44 1.73 0.00	25.58 1.23 0.00	25.53 1.23 0.00	24.46 1.17 0.00	24.65 1.22 0.00	27.00 1.38 0.00	27.04 1.56 0.00	28.29 1.70 0.00	29.73 1.67 0.00	27.34 1.39 0.00	27.37 1.15 -1.00	33.46 1.50 0.00	34.90 1.64 0.00	37.27 1.75 0.00	40.09 1.95 0.00	42.45 2.43 0.00	37.98 2.37 0.00	40.27 2.51 0.00	43.58 3.00 0.00	41.09 2.92 0.00	41.04 3.00 0.00	42.24 3.03 0.00	35.96 2.29 0.00	34.86 2.25 0.00
KCE_NY_6_ESR 323823	29.24 -0.47 0.00	23.71 -0.64 0.00	23.85 -0.45 0.00	22.78 -0.51 0.00	23.01 -0.42 0.00	25.20 -0.42 0.00	25.18 -0.31 0.00	26.41 -0.17 0.00	28.21 0.15 0.00	26.04 0.08 0.00	25.69 0.47 0.00	32.64 0.68 0.00	33.83 0.57 0.00	36.10 0.22 -0.37	41.71 0.11 -3.45	44.30 0.19 -4.09	39.37 0.49 -3.27	42.08 0.92 -3.39	43.95 0.55 -2.81	40.82 0.48 -2.17	38.12 0.08 0.00	39.95 0.74 0.00	34.39 0.71 0.00	32.96 0.35 0.00
KEDC_PORT_JEFF_GT2 24210	32.22 1.81 -0.71	25.66 1.30 0.00	25.27 0.97 0.00	24.17 0.88 0.00	24.34 0.92 0.00	26.78 1.16 0.00	26.95 1.47 0.00	28.47 1.89 0.00	30.11 2.05 0.00	28.04 2.08 0.00	33.83 2.08 -6.53	34.55 2.59 0.00	36.16 2.89 0.00	38.55 3.04 0.00	41.36 3.22 0.00	43.36 3.34 0.00	39.01 3.40 0.00	41.23 3.46 0.00	43.76 3.18 0.00	41.32 3.15 0.00	42.05 3.25 -0.76	42.38 3.18 0.00	36.03 2.36 0.00	34.88 2.27 0.00
KEDC_PORT_JEFF_GT3 24211	32.22 1.81 -0.71	25.66 1.30 0.00	25.27 0.97 0.00	24.17 0.88 0.00	24.34 0.92 0.00	26.78 1.16 0.00	26.95 1.47 0.00	28.47 1.89 0.00	30.11 2.05 0.00	28.04 2.08 0.00	33.83 2.08 -6.53	34.55 2.59 0.00	36.16 2.89 0.00	38.55 3.04 0.00	41.36 3.22 0.00	43.36 3.34 0.00	39.01 3.40 0.00	41.23 3.46 0.00	43.76 3.18 0.00	41.32 3.15 0.00	42.05 3.25 -0.76	42.38 3.18 0.00	36.03 2.36 0.00	34.88 2.27 0.00
KEDC_GLWD_GT4 24219	32.34 1.92 -0.71	25.69 1.34 0.00	25.38 1.08 0.00	24.27 0.97 0.00	24.43 1.00 0.00	26.88 1.26 0.00	27.02 1.54 0.00	28.51 1.93 0.00	29.97 1.91 0.00	27.89 1.93 0.00	33.77 2.02 -6.53	34.59 2.63 0.00	36.18 2.91 0.00	38.50 2.99 0.00	41.32 3.17 0.00	43.44 3.42 0.00	39.16 3.54 0.00	41.33 3.57 0.00	44.13 3.54 0.00	41.34 3.17 0.00	42.05 3.25 -0.76	42.65 3.45 0.00	36.34 2.67 0.00	35.09 2.49 0.00
KEDC_GLWD_GT5 24220	32.34 1.92 -0.71	25.69 1.34 0.00	25.38 1.08 0.00	24.27 0.97 0.00	24.43 1.00 0.00	26.88 1.26 0.00	27.02 1.54 0.00	28.51 1.93 0.00	29.97 1.91 0.00	27.89 1.93 0.00	33.77 2.02 -6.53	34.59 2.63 0.00	36.18 2.91 0.00	38.50 2.99 0.00	41.32 3.17 0.00	43.44 3.42 0.00	39.16 3.54 0.00	41.33 3.57 0.00	44.13 3.54 0.00	41.34 3.17 0.00	42.05 3.25 -0.76	42.65 3.45 0.00	36.34 2.67 0.00	35.09 2.49 0.00

KENSICO____ 23655	30.98 1.28 0.00	25.20 0.84 0.00	24.99 0.69 0.00	23.95 0.66 0.00	24.09 0.66 0.00	26.46 0.84 0.00	26.59 1.10 0.00	27.98 1.40 0.00	29.64 1.58 0.00	27.52 1.56 0.00	33.47 1.58 -6.67	34.09 2.12 0.00	35.60 2.33 0.00	37.94 2.42 0.00	40.75 2.60 0.00	42.85 2.83 0.00	38.63 3.01 0.00	40.80 3.04 0.00	43.65 3.07 0.00	40.91 2.74 0.00	40.61 2.57 0.00	41.83 2.63 0.00	35.69 2.01 0.00	34.56 1.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.93 1.22 0.00	25.15 0.79 0.00	24.93 0.63 0.00	23.88 0.59 0.00	24.02 0.60 0.00	26.38 0.76 0.00	26.49 1.01 0.00	27.87 1.29 0.00	29.52 1.46 0.00	27.36 1.41 0.00	25.76 1.39 0.86	33.85 1.88 0.00	35.46 2.19 0.00	37.80 2.28 0.00	40.46 2.31 0.00	42.65 2.63 0.00	38.51 2.90 0.00	40.74 2.98 0.00	43.70 3.11 0.00	40.93 2.76 0.00	40.59 2.56 0.00	42.17 2.97 0.00	36.01 2.33 0.00	34.79 2.18 0.00
KIAC_JFK_GT1 23816	31.15 1.45 0.00	25.33 0.98 0.00	25.13 0.83 0.00	24.10 0.81 0.00	24.22 0.80 0.00	26.59 0.98 0.00	26.78 1.30 0.00	28.18 1.60 0.00	29.85 1.79 0.00	27.75 1.79 0.00	33.23 1.75 -6.25	34.23 2.26 0.00	35.71 2.44 0.00	38.03 2.51 0.00	40.90 2.75 0.00	43.00 2.97 0.00	38.77 3.15 0.00	40.97 3.21 0.00	43.86 3.28 0.00	41.13 2.95 0.00	40.76 2.72 0.00	42.06 2.86 0.00	35.85 2.18 0.00	34.71 2.11 0.00
KIAC_JFK_GT2 23817	31.15 1.45 0.00	25.33 0.98 0.00	25.13 0.83 0.00	24.10 0.81 0.00	24.22 0.80 0.00	26.59 0.98 0.00	26.78 1.30 0.00	28.18 1.60 0.00	29.85 1.79 0.00	27.75 1.79 0.00	33.23 1.75 -6.25	34.23 2.26 0.00	35.71 2.44 0.00	38.03 2.51 0.00	40.90 2.75 0.00	43.00 2.97 0.00	38.77 3.15 0.00	40.97 3.21 0.00	43.86 3.28 0.00	41.13 2.95 0.00	40.76 2.72 0.00	42.06 2.86 0.00	35.85 2.18 0.00	34.71 2.11 0.00
KIAC_JFK____ 323774	31.15 1.45 0.00	25.33 0.98 0.00	25.13 0.83 0.00	24.10 0.81 0.00	24.22 0.80 0.00	26.59 0.98 0.00	26.78 1.30 0.00	28.18 1.60 0.00	29.85 1.79 0.00	27.75 1.79 0.00	33.23 1.75 -6.25	34.23 2.26 0.00	35.71 2.44 0.00	38.03 2.51 0.00	40.90 2.75 0.00	43.00 2.97 0.00	38.77 3.16 0.00	40.97 3.21 0.00	43.86 3.28 0.00	41.12 2.95 0.00	40.76 2.72 0.00	42.06 2.86 0.00	35.85 2.18 0.00	34.71 2.11 0.00
KINTIGH____ 23543	28.84 -0.86 0.00	23.45 -0.90 0.00	23.58 -0.72 0.00	22.56 -0.73 0.00	22.76 -0.67 0.00	24.88 -0.74 0.00	24.84 -0.65 0.00	26.00 -0.58 0.00	27.70 -0.35 0.00	25.58 -0.38 0.00	25.17 -0.06 0.00	31.94 -0.02 0.00	33.11 -0.15 0.00	34.91 -0.55 0.05	37.04 -0.65 0.45	38.82 -0.67 0.53	34.86 -0.33 0.43	37.34 0.01 0.44	39.93 -0.29 0.36	37.57 0.31 0.28	37.38 -0.66 0.00	39.07 -0.13 0.00	33.66 -0.02 0.00	32.37 -0.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.66 0.95 0.00	25.23 0.88 0.00	25.28 0.98 0.00	24.23 0.94 0.00	24.46 1.04 0.00	26.76 1.14 0.00	26.56 1.08 0.00	27.57 0.98 0.00	29.15 1.09 0.00	26.88 0.92 0.00	26.36 1.14 0.00	33.63 1.66 0.00	34.81 1.55 0.00	37.18 1.66 0.00	39.54 1.40 0.00	41.02 1.00 0.00	24.58 0.18 11.22	37.70 -0.06 0.00	40.98 0.39 0.00	38.73 0.56 0.00	38.55 0.51 0.00	39.45 0.25 0.00	33.88 0.21 0.00	31.68 -0.93 0.00
LACHUTE____HYDRO 323717	33.45 3.75 0.00	26.87 2.51 0.00	26.90 2.60 0.00	25.82 2.53 0.00	26.13 2.71 0.00	28.53 2.91 0.00	28.63 3.14 0.00	30.19 3.60 0.00	31.47 3.42 0.00	28.58 2.62 0.00	28.37 2.17 -0.98	35.01 3.04 0.00	36.26 2.99 0.00	38.61 3.09 0.00	42.07 3.93 0.00	45.06 5.04 0.00	40.82 5.20 0.00	43.10 5.33 0.00	47.28 6.69 0.00	44.62 6.45 0.00	44.51 6.47 0.00	45.66 6.46 0.00	38.69 5.02 0.00	37.78 5.17 0.00
LAWRNCV_115KV_TB1 80681	29.24 -0.47 0.00	24.15 -0.21 0.00	24.16 -0.14 0.00	23.15 -0.14 0.00	23.26 -0.17 0.00	25.38 -0.24 0.00	25.11 -0.37 0.00	26.09 -0.49 0.00	27.45 -0.61 0.00	25.26 -0.69 0.00	24.61 -0.61 0.00	31.11 -0.86 0.00	32.16 -1.11 0.00	34.39 -1.13 0.00	37.01 -1.14 0.00	38.61 -1.41 0.00	-96.88 -2.23 130.27	35.75 -2.01 0.00	38.63 -1.96 0.00	36.49 -1.69 0.00	36.88 -1.16 0.00	37.77 -1.44 0.00	32.47 -1.20 0.00	31.40 -1.21 0.00
LEDERLE____ 23769	30.97 1.26 0.00	25.18 0.83 0.00	24.97 0.67 0.00	23.93 0.64 0.00	24.07 0.65 0.00	26.45 0.83 0.00	26.58 1.10 0.00	27.96 1.38 0.00	29.64 1.58 0.00	27.52 1.57 0.00	17.69 1.59 9.12	34.11 2.15 0.00	35.66 2.39 0.00	38.03 2.51 0.00	40.87 2.73 0.00	42.99 2.96 0.00	38.77 3.15 0.00	40.96 3.20 0.00	43.84 3.26 0.00	41.06 2.89 0.00	40.71 2.67 0.00	41.89 2.69 0.00	35.72 2.05 0.00	34.58 1.97 0.00
LIGHTHSE_115KV_TB6 355974	29.11 -0.60 0.00	23.84 -0.52 0.00	23.81 -0.49 0.00	22.80 -0.49 0.00	22.95 -0.48 0.00	25.17 -0.45 0.00	25.06 -0.42 0.00	26.12 -0.47 0.00	27.53 -0.52 0.00	25.42 -0.53 0.00	24.67 -0.55 0.00	31.25 -0.71 0.00	32.51 -0.76 0.00	34.67 -0.84 0.00	37.14 -1.01 0.00	39.00 -1.02 0.00	22.12 -0.74 12.76	37.18 -0.58 0.00	40.05 -0.53 0.00	37.82 -0.35 0.00	37.58 -0.46 0.00	38.64 -0.56 0.00	32.99 -0.69 0.00	31.90 -0.71 0.00
LINDEN COGEN____ 23786	31.01 1.30 0.00	25.19 0.84 0.00	24.99 0.69 0.00	23.95 0.66 0.00	24.09 0.66 0.00	26.47 0.85 0.00	26.59 1.11 0.00	28.00 1.42 0.00	29.68 1.62 0.00	27.58 1.62 0.00	33.13 1.65 -6.25	34.23 2.27 0.00	35.75 2.49 0.00	38.08 2.57 0.00	40.90 2.76 0.00	42.98 2.96 0.00	38.79 3.17 0.00	40.92 3.16 0.00	43.74 3.15 0.00	40.94 2.77 0.00	40.63 2.59 0.00	41.84 2.64 0.00	35.73 2.05 0.00	34.64 2.04 0.00
LINDHRST_69_KV_BK1 356055	32.51 2.09 -0.71	25.85 1.50 0.00	25.48 1.18 0.00	24.36 1.07 0.00	24.53 1.11 0.00	27.00 1.39 0.00	27.15 1.67 0.00	28.68 2.10 0.00	30.35 2.29 0.00	28.23 2.28 0.00	34.09 2.34 -6.53	34.90 2.94 0.00	36.50 3.23 0.00	38.89 3.38 0.00	41.73 3.58 0.00	43.91 3.89 0.00	39.53 3.91 0.00	41.77 4.00 0.00	44.58 3.99 0.00	41.85 3.68 0.00	42.47 3.67 -0.76	42.97 3.77 0.00	36.61 2.94 0.00	35.33 2.72 0.00
LIPA_MISC_IPP 23656	32.04 1.62 -0.71	25.53 1.17 0.00	25.13 0.83 0.00	24.04 0.75 0.00	24.22 0.79 0.00	26.62 1.00 0.00	26.81 1.33 0.00	28.31 1.73 0.00	29.93 1.88 0.00	27.87 1.92 0.00	33.66 1.91 -6.53	34.35 2.38 0.00	35.95 2.68 0.00	38.34 2.83 0.00	41.17 3.03 0.00	43.19 3.17 0.00	38.91 3.29 0.00	41.20 3.43 0.00	43.92 3.33 0.00	41.33 3.16 0.00	42.05 3.24 -0.76	42.37 3.16 0.00	35.98 2.31 0.00	34.77 2.16 0.00
LISF____SOLAR 323691	32.10 1.68 -0.71	25.57 1.21 0.00	25.17 0.87 0.00	24.07 0.78 0.00	24.25 0.82 0.00	26.67 1.06 0.00	26.86 1.38 0.00	28.36 1.78 0.00	29.98 1.92 0.00	27.91 1.95 0.00	33.69 1.94 -6.53	34.38 2.42 0.00	35.99 2.72 0.00	38.38 2.87 0.00	41.24 3.09 0.00	43.26 3.24 0.00	38.98 3.37 0.00	41.29 3.53 0.00	44.05 3.46 0.00	41.45 3.28 0.00	42.17 3.36 -0.76	42.48 3.28 0.00	36.07 2.39 0.00	34.85 2.24 0.00

LITTLE FALLS___HYD 24013	29.65 -0.06 0.00	24.26 -0.10 0.00	24.11 -0.19 0.00	23.09 -0.20 0.00	23.26 -0.17 0.00	25.45 -0.17 0.00	25.49 0.01 0.00	26.51 -0.08 0.00	27.75 -0.31 0.00	25.46 -0.50 0.00	24.46 -0.76 0.00	30.94 -1.02 0.00	32.32 -0.95 0.00	34.87 -0.64 0.00	37.80 -0.34 0.00	40.14 0.12 0.00	33.50 0.50 2.62	38.08 0.32 0.00	40.80 0.21 0.00	38.71 0.54 0.00	38.73 0.69 0.00	39.99 0.79 0.00	34.07 0.40 0.00	32.97 0.37 0.00
LITTLRIV_115KV_TB1 356100	29.63 -0.07 0.00	24.47 0.12 0.00	24.47 0.17 0.00	23.46 0.18 0.00	23.57 0.14 0.00	25.73 0.11 0.00	25.47 -0.02 0.00	26.44 -0.15 0.00	27.75 -0.30 0.00	25.47 -0.48 0.00	24.75 -0.47 0.00	31.24 -0.73 0.00	32.29 -0.98 0.00	34.52 -1.00 0.00	37.20 -0.94 0.00	38.77 -1.25 0.00	-90.91 -2.07 124.46	36.03 -1.74 0.00	39.03 -1.56 0.00	37.06 -1.11 0.00	37.51 -0.52 0.00	38.41 -0.80 0.00	33.00 -0.68 0.00	31.87 -0.74 0.00
LI_NEWBRDGE___DRP 323616	32.00 1.58 -0.71	25.44 1.08 0.00	25.13 0.83 0.00	24.04 0.75 0.00	24.21 0.78 0.00	26.62 1.00 0.00	26.76 1.28 0.00	28.23 1.65 0.00	29.85 1.79 0.00	27.75 1.80 0.00	33.61 1.86 -6.53	34.32 2.35 0.00	35.85 2.59 0.00	38.18 2.66 0.00	40.98 2.83 0.00	43.07 3.05 0.00	38.80 3.19 0.00	40.99 3.23 0.00	43.77 3.18 0.00	41.07 2.90 0.00	41.65 2.85 -0.76	42.13 2.93 0.00	35.91 2.23 0.00	34.72 2.11 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.92 -0.79 0.00	23.48 -0.87 0.00	23.63 -0.67 0.00	22.58 -0.71 0.00	22.80 -0.62 0.00	24.92 -0.70 0.00	24.90 -0.58 0.00	26.08 -0.51 0.00	27.84 -0.22 0.00	25.67 -0.28 0.00	25.32 0.09 0.00	32.14 0.17 0.00	33.27 0.01 0.00	34.94 -0.48 0.10	36.60 -0.62 0.92	38.32 -0.62 1.09	34.47 -0.27 0.87	37.04 0.18 0.90	39.67 -0.17 0.75	37.46 -0.13 0.58	37.55 -0.49 0.00	39.35 0.15 0.00	33.95 0.28 0.00	32.62 0.01 0.00
LOCKPORT___CC1 323769	28.88 -0.82 0.00	23.45 -0.91 0.00	23.61 -0.69 0.00	22.56 -0.74 0.00	22.78 -0.65 0.00	24.89 -0.73 0.00	24.87 -0.61 0.00	26.05 -0.54 0.00	27.81 -0.25 0.00	25.64 -0.31 0.00	25.30 0.08 0.00	32.11 0.14 0.00	33.25 -0.02 0.00	34.82 -0.52 0.17	35.91 -0.65 1.59	37.50 -0.65 1.88	33.82 -0.29 1.50	36.35 0.14 1.56	39.07 -0.23 1.29	36.96 -0.21 1.00	37.47 -0.56 0.00	39.29 0.09 0.00	33.90 0.23 0.00	32.58 -0.03 0.00
LOCKPORT___CC2 323770	28.88 -0.82 0.00	23.45 -0.91 0.00	23.61 -0.69 0.00	22.56 -0.74 0.00	22.78 -0.65 0.00	24.89 -0.73 0.00	24.87 -0.61 0.00	26.05 -0.54 0.00	27.81 -0.25 0.00	25.64 -0.31 0.00	25.30 0.08 0.00	32.11 0.14 0.00	33.25 -0.02 0.00	34.82 -0.52 0.17	35.91 -0.65 1.59	37.50 -0.65 1.88	33.82 -0.29 1.50	36.35 0.14 1.56	39.07 -0.23 1.29	36.96 -0.21 1.00	37.47 -0.56 0.00	39.29 0.09 0.00	33.90 0.23 0.00	32.58 -0.03 0.00
LOCKPORT___CC3 323771	28.88 -0.82 0.00	23.45 -0.91 0.00	23.61 -0.69 0.00	22.56 -0.74 0.00	22.78 -0.65 0.00	24.89 -0.73 0.00	24.87 -0.61 0.00	26.05 -0.54 0.00	27.81 -0.25 0.00	25.64 -0.31 0.00	25.30 0.08 0.00	32.11 0.14 0.00	33.25 -0.02 0.00	34.82 -0.52 0.17	35.91 -0.65 1.59	37.50 -0.65 1.88	33.82 -0.29 1.50	36.35 0.14 1.56	39.07 -0.23 1.29	36.96 -0.21 1.00	37.47 -0.56 0.00	39.29 0.09 0.00	33.90 0.23 0.00	32.58 -0.03 0.00
LONG_LAKE_PHOENIX 24014	29.27 -0.44 0.00	23.92 -0.43 0.00	23.86 -0.44 0.00	22.86 -0.42 0.00	23.01 -0.41 0.00	25.21 -0.41 0.00	25.11 -0.37 0.00	26.19 -0.39 0.00	27.64 -0.42 0.00	25.55 -0.41 0.00	24.82 -0.40 0.00	31.49 -0.47 0.00	32.83 -0.44 0.00	35.01 -0.50 0.00	37.58 -0.56 0.00	39.45 -0.58 0.00	31.25 -0.29 4.08	37.56 -0.21 0.00	40.41 -0.17 0.00	38.08 -0.10 0.00	37.82 -0.22 0.00	39.04 -0.16 0.00	33.42 -0.26 0.00	32.28 -0.33 0.00
LOVETT___3 23632	30.82 1.11 0.00	25.07 0.71 0.00	24.85 0.55 0.00	23.83 0.54 0.00	23.96 0.54 0.00	26.33 0.71 0.00	26.45 0.97 0.00	27.82 1.24 0.00	29.47 1.41 0.00	27.36 1.41 0.00	17.15 1.42 9.49	33.90 1.93 0.00	35.41 2.15 0.00	37.75 2.24 0.00	40.57 2.42 0.00	42.66 2.64 0.00	38.47 2.85 0.00	40.64 2.88 0.00	43.51 2.92 0.00	40.77 2.60 0.00	40.42 2.39 0.00	41.61 2.41 0.00	35.50 1.82 0.00	34.39 1.79 0.00
LOVETT___4 23642	30.82 1.11 0.00	25.07 0.71 0.00	24.85 0.55 0.00	23.83 0.54 0.00	23.96 0.54 0.00	26.33 0.71 0.00	26.45 0.97 0.00	27.82 1.24 0.00	29.47 1.41 0.00	27.36 1.41 0.00	17.15 1.42 9.49	33.90 1.93 0.00	35.41 2.15 0.00	37.75 2.24 0.00	40.57 2.42 0.00	42.66 2.64 0.00	38.47 2.85 0.00	40.64 2.88 0.00	43.51 2.92 0.00	40.77 2.60 0.00	40.42 2.39 0.00	41.61 2.41 0.00	35.50 1.82 0.00	34.39 1.79 0.00
LOVETT___5 23593	30.82 1.11 0.00	25.07 0.71 0.00	24.85 0.55 0.00	23.83 0.54 0.00	23.96 0.54 0.00	26.33 0.71 0.00	26.45 0.97 0.00	27.82 1.24 0.00	29.47 1.41 0.00	27.36 1.41 0.00	17.15 1.42 9.49	33.90 1.93 0.00	35.41 2.15 0.00	37.75 2.24 0.00	40.57 2.42 0.00	42.66 2.64 0.00	38.47 2.85 0.00	40.64 2.88 0.00	43.51 2.92 0.00	40.77 2.60 0.00	40.42 2.39 0.00	41.61 2.41 0.00	35.50 1.82 0.00	34.39 1.79 0.00
LOWER RAQUET___HYD 24057	29.09 -0.61 0.00	24.03 -0.33 0.00	24.04 -0.26 0.00	23.03 -0.25 0.00	23.14 -0.29 0.00	25.25 -0.36 0.00	24.99 -0.49 0.00	25.96 -0.62 0.00	27.31 -0.75 0.00	25.11 -0.84 0.00	24.46 -0.76 0.00	30.92 -1.05 0.00	31.95 -1.31 0.00	34.17 -1.34 0.00	36.77 -1.37 0.00	38.34 -1.68 0.00	-85.82 -2.43 119.00	35.55 -2.21 0.00	38.44 -2.15 0.00	36.34 -1.84 0.00	36.71 -1.33 0.00	37.57 -1.64 0.00	32.28 -1.39 0.00	31.21 -1.40 0.00
LOWER___HUDSON 24059	30.67 0.96 0.00	25.09 0.74 0.00	25.01 0.72 0.00	23.99 0.70 0.00	24.14 0.72 0.00	26.43 0.82 0.00	26.44 0.96 0.00	27.61 1.03 0.00	29.07 1.01 0.00	26.79 0.83 0.00	26.93 0.65 -1.06	32.79 0.82 0.00	34.17 0.90 0.00	36.43 0.92 0.00	39.07 0.93 0.00	41.09 1.07 0.00	36.90 1.28 0.00	39.01 1.24 0.00	42.11 1.53 0.00	39.79 1.62 0.00	39.70 1.66 0.00	40.93 1.72 0.00	34.96 1.29 0.00	33.96 1.35 0.00
LOWVILLE_115KV_TB2 356335	29.63 -0.08 0.00	24.39 0.03 0.00	24.39 0.09 0.00	23.36 0.07 0.00	23.49 0.07 0.00	25.77 0.15 0.00	25.67 0.19 0.00	26.71 0.13 0.00	28.11 0.06 0.00	25.89 -0.07 0.00	25.10 -0.12 0.00	31.67 -0.30 0.00	32.83 -0.44 0.00	34.99 -0.52 0.00	37.53 -0.61 0.00	39.25 -0.77 0.00	1.05 -0.60 33.97	37.46 -0.31 0.00	40.45 -0.13 0.00	38.24 0.07 0.00	38.00 -0.03 0.00	38.68 -0.52 0.00	32.76 -0.91 0.00	31.77 -0.84 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.41 1.71 0.00	25.60 1.25 0.00	25.53 1.23 0.00	24.48 1.18 0.00	24.65 1.23 0.00	27.01 1.39 0.00	27.03 1.55 0.00	28.27 1.69 0.00	29.73 1.67 0.00	27.33 1.38 0.00	27.37 1.15 -1.00	33.46 1.50 0.00	34.88 1.61 0.00	37.23 1.72 0.00	40.06 1.91 0.00	42.41 2.39 0.00	37.95 2.34 0.00	40.22 2.45 0.00	43.53 2.94 0.00	41.06 2.89 0.00	41.00 2.96 0.00	42.21 3.01 0.00	35.97 2.29 0.00	34.86 2.25 0.00

LUTHERNY_35_KV_BK2 355980	31.44 1.74 0.00	25.58 1.23 0.00	25.53 1.24 0.00	24.46 1.17 0.00	24.65 1.22 0.00	27.00 1.38 0.00	27.04 1.56 0.00	28.29 1.70 0.00	29.73 1.67 0.00	27.34 1.39 0.00	27.38 1.15 -1.00	33.46 1.50 0.00	34.91 1.64 0.00	37.27 1.75 0.00	40.10 1.95 0.00	42.45 2.43 0.00	37.98 2.37 0.00	40.27 2.51 0.00	43.58 3.00 0.00	41.09 2.92 0.00	41.03 3.00 0.00	42.24 3.03 0.00	35.96 2.29 0.00	34.86 2.25 0.00
LWR___OSWEGATCHIE_HYD 23850	28.97 -0.73 0.00	23.89 -0.47 0.00	23.90 -0.40 0.00	22.89 -0.40 0.00	23.01 -0.42 0.00	25.19 -0.43 0.00	25.00 -0.48 0.00	25.99 -0.59 0.00	27.34 -0.72 0.00	25.16 -0.80 0.00	24.43 -0.79 0.00	30.86 -1.11 0.00	31.93 -1.33 0.00	34.10 -1.42 0.00	36.63 -1.52 0.00	38.25 -1.78 0.00	-47.17 -2.01 80.78	36.13 -1.63 0.00	39.05 -1.54 0.00	37.05 -1.12 0.00	37.11 -0.93 0.00	37.75 -1.45 0.00	32.16 -1.51 0.00	31.12 -1.49 0.00
LYONS_FALL_HYD 23570	29.89 0.18 0.00	24.54 0.18 0.00	24.50 0.21 0.00	23.47 0.18 0.00	23.62 0.19 0.00	25.89 0.27 0.00	25.82 0.34 0.00	26.91 0.33 0.00	28.35 0.29 0.00	26.15 0.19 0.00	25.35 0.13 0.00	32.05 0.08 0.00	33.28 0.02 0.00	35.52 0.00 0.00	38.18 0.04 0.00	39.97 -0.05 0.00	13.16 0.07 22.53	38.05 0.29 0.00	41.05 0.46 0.00	38.74 0.57 0.00	38.53 0.49 0.00	39.39 0.19 0.00	33.49 -0.18 0.00	32.43 -0.18 0.00
MADISON___COUNTY_LFGE 323628	30.35 0.65 0.00	24.82 0.47 0.00	24.74 0.44 0.00	23.71 0.41 0.00	23.86 0.43 0.00	26.16 0.54 0.00	26.13 0.65 0.00	27.30 0.72 0.00	28.81 0.75 0.00	26.53 0.58 0.00	25.73 0.51 0.00	32.61 0.64 0.00	33.97 0.71 0.00	36.30 0.79 0.00	39.13 0.99 0.00	41.03 1.01 0.00	29.96 1.15 6.80	39.04 1.28 0.00	42.07 1.48 0.00	39.65 1.48 0.00	39.50 1.46 0.00	40.63 1.43 0.00	34.71 1.03 0.00	33.51 0.90 0.00
MALONE___115KV_TB1 356076	29.90 0.19 0.00	24.65 0.29 0.00	24.68 0.37 0.00	23.64 0.34 0.00	23.79 0.36 0.00	26.00 0.38 0.00	25.73 0.25 0.00	26.76 0.18 0.00	28.30 0.24 0.00	26.14 0.19 0.00	25.60 0.38 0.00	32.54 0.57 0.00	33.65 0.39 0.00	35.88 0.37 0.00	38.41 0.27 0.00	39.94 -0.08 0.00	-8.89 -0.90 43.61	36.94 -0.82 0.00	40.08 -0.51 0.00	37.77 -0.40 0.00	37.76 -0.27 0.00	38.63 -0.57 0.00	33.20 -0.48 0.00	31.77 -0.84 0.00
MAPLEWOD_115KV_TB3 80458	30.37 0.66 0.00	24.86 0.50 0.00	24.76 0.46 0.00	23.75 0.46 0.00	23.89 0.47 0.00	26.17 0.55 0.00	26.18 0.70 0.00	27.36 0.77 0.00	28.83 0.77 0.00	26.63 0.67 0.00	26.79 0.54 -1.04	32.66 0.69 0.00	34.05 0.78 0.00	36.35 0.84 0.00	39.02 0.87 0.00	41.02 1.00 0.00	36.86 1.24 0.00	38.90 1.14 0.00	41.87 1.28 0.00	39.49 1.32 0.00	39.38 1.35 0.00	40.59 1.38 0.00	34.66 0.98 0.00	33.62 1.01 0.00
MAPLE_RIDGE_WT_1 323574	29.46 -0.25 0.00	24.35 -0.01 0.00	24.35 0.05 0.00	23.34 0.05 0.00	23.45 0.03 0.00	25.55 -0.07 0.00	25.38 -0.11 0.00	26.39 -0.19 0.00	27.82 -0.23 0.00	25.71 -0.24 0.00	25.04 -0.18 0.00	31.68 -0.28 0.00	32.85 -0.42 0.00	35.11 -0.41 0.00	37.74 -0.41 0.00	39.47 -0.55 0.00	40.34 -0.88 -5.60	36.95 -0.81 0.00	39.77 -0.82 0.00	37.40 -0.77 0.00	37.08 -0.96 0.00	37.92 -1.29 0.00	32.50 -1.17 0.00	31.54 -1.06 0.00
MAPLE_RIDGE_WT_2 323611	29.46 -0.25 0.00	24.35 -0.01 0.00	24.35 0.05 0.00	23.34 0.05 0.00	23.45 0.03 0.00	25.55 -0.07 0.00	25.38 -0.11 0.00	26.39 -0.19 0.00	27.82 -0.23 0.00	25.71 -0.24 0.00	25.04 -0.18 0.00	31.68 -0.28 0.00	32.85 -0.42 0.00	35.11 -0.41 0.00	37.74 -0.41 0.00	39.47 -0.55 0.00	40.34 -0.88 -5.60	36.95 -0.81 0.00	39.77 -0.82 0.00	37.40 -0.77 0.00	37.08 -0.96 0.00	37.92 -1.29 0.00	32.50 -1.17 0.00	31.54 -1.06 0.00
MARBLE_RIVER_WT_PWR 323696	29.99 0.29 0.00	24.70 0.34 0.00	24.75 0.45 0.00	23.71 0.41 0.00	23.88 0.46 0.00	26.11 0.49 0.00	25.85 0.37 0.00	26.86 0.28 0.00	28.44 0.38 0.00	26.27 0.31 0.00	25.71 0.49 0.00	32.70 0.74 0.00	33.86 0.59 0.00	36.12 0.60 0.00	38.58 0.43 0.00	40.06 0.04 0.00	27.40 -0.67 7.54	37.03 -0.74 0.00	40.15 -0.43 0.00	37.86 -0.31 0.00	37.66 -0.38 0.00	38.57 -0.63 0.00	33.19 -0.48 0.00	31.57 -1.04 0.00
MARSHVLE_115KV_TB1 80742	31.56 1.85 0.00	25.79 1.43 0.00	25.70 1.40 0.00	24.62 1.33 0.00	24.75 1.33 0.00	27.11 1.49 0.00	27.04 1.56 0.00	28.05 1.47 0.00	29.40 1.34 0.00	26.95 0.99 0.00	26.18 0.96 0.00	33.22 1.26 0.00	34.55 1.28 0.00	37.33 1.82 0.00	40.45 2.31 0.00	43.03 3.01 0.00	38.05 2.43 0.00	40.27 2.51 0.00	43.26 2.67 0.00	40.67 2.50 0.00	40.52 2.48 0.00	41.86 2.66 0.00	35.89 2.22 0.00	34.58 1.97 0.00
MARSH_HILL_WT_PWR 323713	30.79 1.08 0.00	24.64 0.29 0.00	24.79 0.49 0.00	23.28 -0.01 0.00	23.48 0.05 0.00	25.78 0.16 0.00	26.05 0.57 0.00	27.53 0.95 0.00	29.29 1.24 0.00	27.12 1.17 0.00	26.65 1.42 0.00	33.71 1.75 0.00	35.32 2.06 0.00	37.69 2.01 -0.16	41.52 1.88 -1.49	43.66 1.87 -1.77	39.07 2.05 -1.41	41.73 2.51 -1.45	44.44 2.64 -1.20	42.06 2.96 -0.94	40.68 2.64 0.00	42.38 3.18 0.00	36.25 2.58 0.00	34.78 2.17 0.00
MCINTYRE_115KV_TB2 80467	30.06 0.35 0.00	24.82 0.46 0.00	24.83 0.53 0.00	23.80 0.51 0.00	23.90 0.48 0.00	26.08 0.46 0.00	25.82 0.33 0.00	26.78 0.19 0.00	28.05 -0.01 0.00	25.69 -0.27 0.00	24.95 -0.27 0.00	31.47 -0.49 0.00	32.52 -0.75 0.00	34.79 -0.73 0.00	37.50 -0.65 0.00	39.10 -0.92 0.00	-99.44 -1.82 133.24	36.31 -1.45 0.00	39.38 -1.20 0.00	37.52 -0.65 0.00	38.01 -0.03 0.00	38.96 -0.24 0.00	33.49 -0.18 0.00	32.36 -0.25 0.00
MECO_____69_KV_BK1 80468	32.62 2.92 0.00	26.58 2.22 0.00	26.48 2.18 0.00	25.34 2.05 0.00	25.54 2.11 0.00	28.03 2.41 0.00	27.98 2.50 0.00	28.52 1.94 0.00	28.62 0.56 0.00	25.42 -0.54 0.00	24.61 -0.61 0.00	31.92 -0.05 0.00	32.82 -0.44 0.00	36.81 1.29 0.00	41.68 3.54 0.00	44.92 4.90 0.00	39.70 4.09 0.00	42.08 4.31 0.00	45.16 4.57 0.00	42.66 4.49 0.00	42.52 4.48 0.00	43.73 4.53 0.00	37.34 3.66 0.00	35.86 3.25 0.00
MENANDS___115KV_TB5 355628	30.16 0.45 0.00	24.70 0.34 0.00	24.60 0.30 0.00	23.60 0.31 0.00	23.74 0.31 0.00	25.99 0.37 0.00	26.01 0.53 0.00	27.18 0.59 0.00	28.64 0.58 0.00	26.48 0.52 0.00	26.65 0.38 -1.04	32.46 0.50 0.00	33.85 0.58 0.00	36.13 0.61 0.00	38.73 0.59 0.00	40.71 0.69 0.00	36.57 0.95 0.00	38.61 0.85 0.00	41.55 0.96 0.00	39.19 1.02 0.00	39.08 1.04 0.00	40.26 1.06 0.00	34.39 0.71 0.00	33.37 0.77 0.00
MG INDUSTRY___DRP 24185	30.23 0.53 0.00	24.76 0.40 0.00	24.68 0.37 0.00	23.67 0.37 0.00	23.81 0.38 0.00	26.06 0.44 0.00	26.04 0.56 0.00	27.16 0.57 0.00	28.51 0.45 0.00	26.29 0.34 0.00	26.37 0.23 -0.92	32.22 0.25 0.00	33.58 0.31 0.00	35.83 0.31 0.00	38.45 0.31 0.00	40.56 0.54 0.00	36.50 0.89 0.00	38.59 0.82 0.00	41.51 0.93 0.00	39.18 1.01 0.00	39.10 1.06 0.00	40.28 1.08 0.00	34.43 0.76 0.00	33.40 0.79 0.00

MID___OSWEGATCHIE_HYD 23849	28.97 -0.73 0.00	23.89 -0.47 0.00	23.90 -0.40 0.00	22.89 -0.40 0.00	23.01 -0.42 0.00	25.19 -0.43 0.00	25.00 -0.48 0.00	25.99 -0.59 0.00	27.34 -0.72 0.00	25.16 -0.80 0.00	24.43 -0.79 0.00	30.86 -1.11 0.00	31.93 -1.33 0.00	34.10 -1.42 0.00	36.63 -1.52 0.00	38.25 -1.78 0.00	-47.17 -2.01 80.78	36.13 -1.63 0.00	39.05 -1.54 0.00	37.05 -1.12 0.00	37.11 -0.93 0.00	37.75 -1.45 0.00	32.16 -1.51 0.00	31.12 -1.49 0.00
MID___RAQUETTE_HYD 23851	29.09 -0.61 0.00	24.03 -0.33 0.00	24.04 -0.26 0.00	23.03 -0.26 0.00	23.14 -0.29 0.00	25.25 -0.36 0.00	24.99 -0.49 0.00	25.96 -0.62 0.00	27.31 -0.75 0.00	25.11 -0.84 0.00	24.46 -0.76 0.00	30.92 -1.05 0.00	31.96 -1.31 0.00	34.17 -1.34 0.00	36.77 -1.38 0.00	38.34 -1.68 0.00	-85.82 -2.43 119.00	35.55 -2.21 0.00	38.44 -2.15 0.00	36.34 -1.84 0.00	36.71 -1.33 0.00	37.57 -1.64 0.00	32.28 -1.39 0.00	31.21 -1.40 0.00
MILLIKEN___1 23584	30.19 0.48 0.00	24.62 0.26 0.00	24.55 0.25 0.00	23.51 0.21 0.00	23.68 0.26 0.00	25.97 0.35 0.00	25.94 0.45 0.00	27.13 0.55 0.00	28.80 0.75 0.00	26.50 0.54 0.00	25.69 0.47 0.00	32.40 0.44 0.00	33.80 0.53 0.00	36.08 0.57 0.00	38.73 0.58 0.00	40.67 0.65 0.00	36.54 0.92 0.00	38.92 1.16 0.00	41.90 1.31 0.00	39.53 1.36 0.00	39.29 1.25 0.00	40.55 1.35 0.00	34.65 0.98 0.00	33.40 0.79 0.00
MILLIKEN___2 23585	30.19 0.48 0.00	24.62 0.26 0.00	24.55 0.25 0.00	23.51 0.21 0.00	23.68 0.26 0.00	25.97 0.35 0.00	25.94 0.45 0.00	27.13 0.55 0.00	28.80 0.75 0.00	26.50 0.54 0.00	25.69 0.47 0.00	32.40 0.44 0.00	33.80 0.53 0.00	36.08 0.57 0.00	38.73 0.58 0.00	40.67 0.65 0.00	36.54 0.92 0.00	38.92 1.16 0.00	41.90 1.31 0.00	39.53 1.36 0.00	39.29 1.25 0.00	40.55 1.35 0.00	34.65 0.98 0.00	33.40 0.79 0.00
MILLIKEN___DIESEL 23629	30.19 0.48 0.00	24.62 0.26 0.00	24.55 0.25 0.00	23.51 0.21 0.00	23.68 0.26 0.00	25.97 0.35 0.00	25.94 0.45 0.00	27.13 0.55 0.00	28.80 0.75 0.00	26.50 0.54 0.00	25.69 0.47 0.00	32.40 0.44 0.00	33.80 0.53 0.00	36.08 0.57 0.00	38.73 0.58 0.00	40.67 0.65 0.00	36.54 0.92 0.00	38.92 1.16 0.00	41.90 1.31 0.00	39.53 1.36 0.00	39.29 1.25 0.00	40.55 1.35 0.00	34.65 0.98 0.00	33.40 0.79 0.00
MILLSEAT___LFGE 323607	29.51 -0.19 0.00	23.95 -0.40 0.00	24.09 -0.21 0.00	23.01 -0.28 0.00	23.23 -0.19 0.00	25.43 -0.19 0.00	25.41 -0.07 0.00	26.65 0.06 0.00	28.40 0.34 0.00	26.14 0.18 0.00	25.72 0.50 0.00	32.64 0.68 0.00	33.84 0.57 0.00	35.64 0.21 0.09	37.53 0.19 0.80	39.33 0.26 0.95	35.38 0.52 0.76	38.04 1.07 0.79	40.89 0.96 0.65	38.66 0.99 0.50	38.66 0.62 0.00	40.39 1.19 0.00	34.72 1.04 0.00	33.30 0.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.92 1.21 0.00	25.15 0.79 0.00	24.94 0.64 0.00	23.90 0.61 0.00	24.05 0.62 0.00	26.41 0.80 0.00	26.54 1.05 0.00	27.91 1.33 0.00	29.57 1.51 0.00	27.45 1.49 0.00	33.71 1.50 -6.99	33.99 2.02 0.00	35.49 2.23 0.00	37.83 2.32 0.00	40.64 2.49 0.00	42.74 2.72 0.00	38.52 2.91 0.00	40.69 2.93 0.00	43.55 2.96 0.00	40.84 2.67 0.00	40.52 2.49 0.00	41.74 2.54 0.00	35.60 1.92 0.00	34.48 1.88 0.00
MILLWOOD_13_KV_LOAD 356217	31.00 1.29 0.00	25.21 0.85 0.00	25.00 0.70 0.00	23.96 0.67 0.00	24.10 0.68 0.00	26.48 0.86 0.00	26.60 1.12 0.00	27.99 1.41 0.00	29.65 1.59 0.00	27.53 1.57 0.00	33.79 1.58 -6.99	34.11 2.14 0.00	35.62 2.35 0.00	37.97 2.45 0.00	40.79 2.64 0.00	42.90 2.88 0.00	38.69 3.07 0.00	40.86 3.10 0.00	43.72 3.13 0.00	40.99 2.82 0.00	40.67 2.64 0.00	41.88 2.68 0.00	35.72 2.04 0.00	34.59 1.98 0.00
MODEL_CITY_ENERGY 24167	28.62 -1.09 0.00	23.24 -1.11 0.00	23.40 -0.90 0.00	22.36 -0.93 0.00	22.58 -0.85 0.00	24.68 -0.94 0.00	24.64 -0.84 0.00	25.80 -0.79 0.00	27.53 -0.52 0.00	25.40 -0.55 0.00	25.06 -0.16 0.00	31.78 -0.18 0.00	32.90 -0.36 0.00	34.52 -0.92 0.07	36.43 -1.08 0.64	38.15 -1.12 0.75	34.28 -0.73 0.60	36.83 -0.31 0.63	39.34 -0.73 0.52	37.09 -0.68 0.40	37.03 -1.01 0.00	38.84 -0.36 0.00	33.55 -0.12 0.00	32.26 -0.35 0.00
MODERN_LFGE___ 323580	28.62 -1.09 0.00	23.24 -1.11 0.00	23.40 -0.90 0.00	22.36 -0.93 0.00	22.58 -0.85 0.00	24.68 -0.94 0.00	24.64 -0.84 0.00	25.80 -0.79 0.00	27.53 -0.52 0.00	25.40 -0.55 0.00	25.06 -0.16 0.00	31.78 -0.18 0.00	32.90 -0.36 0.00	34.52 -0.92 0.07	36.43 -1.08 0.64	38.15 -1.12 0.75	34.28 -0.73 0.60	36.83 -0.31 0.63	39.34 -0.73 0.52	37.09 -0.68 0.40	37.03 -1.01 0.00	38.84 -0.36 0.00	33.55 -0.12 0.00	32.26 -0.35 0.00
MOHAWK_PAPER___DRP 24187	30.37 0.66 0.00	24.86 0.50 0.00	24.76 0.46 0.00	23.75 0.46 0.00	23.89 0.47 0.00	26.17 0.55 0.00	26.18 0.70 0.00	27.36 0.77 0.00	28.83 0.77 0.00	26.63 0.67 0.00	26.79 0.54 -1.04	32.66 0.69 0.00	34.05 0.78 0.00	36.35 0.84 0.00	39.02 0.87 0.00	41.02 1.00 0.00	36.86 1.24 0.00	38.90 1.14 0.00	41.87 1.28 0.00	39.49 1.32 0.00	39.38 1.35 0.00	40.59 1.38 0.00	34.66 0.98 0.00	33.62 1.01 0.00
MOHICAN___35_KV_115KV_LD 80490	31.88 2.18 0.00	25.90 1.55 0.00	25.84 1.54 0.00	24.78 1.49 0.00	24.99 1.56 0.00	27.36 1.75 0.00	27.41 1.93 0.00	28.73 2.15 0.00	30.17 2.11 0.00	27.66 1.70 0.00	27.55 1.35 -0.98	33.78 1.81 0.00	35.12 1.86 0.00	37.45 1.93 0.00	40.45 2.30 0.00	42.97 2.95 0.00	38.52 2.90 0.00	40.82 3.06 0.00	44.44 3.86 0.00	41.94 3.77 0.00	41.94 3.90 0.00	43.11 3.91 0.00	36.68 3.01 0.00	35.57 2.96 0.00
MONGAUP___HYD 23641	30.93 1.22 0.00	25.18 0.83 0.00	24.99 0.69 0.00	23.93 0.64 0.00	24.07 0.64 0.00	26.43 0.81 0.00	26.52 1.04 0.00	27.83 1.25 0.00	29.36 1.30 0.00	27.07 1.11 0.00	20.69 1.00 5.53	33.29 1.32 0.00	34.77 1.51 0.00	37.34 1.83 0.00	39.83 1.68 0.00	42.09 2.07 0.00	38.06 2.45 0.00	40.29 2.52 0.00	43.29 2.71 0.00	40.78 2.60 0.00	40.52 2.48 0.00	41.74 2.54 0.00	35.64 1.97 0.00	34.45 1.84 0.00
MONTAUK___DIESEL 23721	33.10 2.68 -0.71	26.41 2.05 0.00	26.03 1.73 0.00	24.90 1.61 0.00	25.12 1.69 0.00	27.63 2.01 0.00	27.83 2.35 0.00	29.46 2.88 0.00	31.26 3.20 0.00	29.23 3.28 0.00	35.11 3.36 -6.53	36.19 4.23 0.00	37.80 4.54 0.00	40.45 4.94 0.00	43.48 5.34 0.00	45.66 5.63 0.00	41.14 5.52 0.00	43.67 5.90 0.00	46.48 5.89 0.00	43.59 5.42 0.00	44.22 5.42 -0.76	44.63 5.43 0.00	37.85 4.17 0.00	36.40 3.79 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.83 0.13 0.00	24.14 -0.22 0.00	24.25 -0.04 0.00	23.13 -0.16 0.00	23.42 0.00 0.00	25.74 0.12 0.00	25.79 0.30 0.00	27.16 0.58 0.00	29.02 0.96 0.00	26.75 0.80 0.00	26.36 1.13 0.00	33.52 1.56 0.00	34.81 1.54 0.00	37.19 1.31 -0.37	42.77 1.22 -3.40	45.50 1.46 -4.02	40.56 1.73 -3.22	43.22 2.11 -3.34	45.18 1.82 -2.77	41.97 1.66 -2.14	39.20 1.17 0.00	41.05 1.85 0.00	35.20 1.52 0.00	33.60 1.00 0.00

MORRIS_RIDGE___SOLAR 323848	29.09 -0.62 0.00	23.56 -0.80 0.00	23.63 -0.67 0.00	22.52 -0.77 0.00	22.76 -0.67 0.00	25.02 -0.60 0.00	25.07 -0.42 0.00	26.28 -0.30 0.00	28.02 -0.04 0.00	25.84 -0.11 0.00	25.41 0.19 0.00	32.30 0.34 0.00	33.54 0.28 0.00	35.67 0.04 -0.12	39.18 -0.12 -1.15	41.32 -0.06 -1.36	37.02 0.32 -1.09	39.50 0.60 -1.13	41.80 0.27 -0.94	39.18 0.29 -0.72	37.91 -0.13 0.00	39.73 0.52 0.00	34.14 0.46 0.00	32.67 0.06 0.00
MORTIMER_115KV_TB3 55949	29.40 -0.30 0.00	23.93 -0.42 0.00	23.99 -0.31 0.00	22.95 -0.34 0.00	23.14 -0.29 0.00	25.32 -0.30 0.00	25.26 -0.22 0.00	26.43 -0.16 0.00	28.08 0.02 0.00	25.96 0.00 0.00	25.46 0.23 0.00	32.35 0.38 0.00	33.64 0.37 0.00	35.67 0.16 0.00	38.29 0.14 0.00	40.23 0.21 0.00	36.07 0.45 0.00	38.57 0.81 0.00	41.30 0.72 0.00	38.82 0.64 0.00	38.35 0.31 0.00	39.85 0.65 0.00	34.19 0.52 0.00	32.87 0.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.13 1.43 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.04 0.75 0.00	24.19 0.77 0.00	26.58 0.96 0.00	26.71 1.23 0.00	28.13 1.55 0.00	29.81 1.76 0.00	27.70 1.74 0.00	33.24 1.76 -6.25	34.35 2.38 0.00	35.86 2.59 0.00	38.21 2.69 0.00	41.04 2.90 0.00	43.15 3.13 0.00	38.92 3.30 0.00	41.07 3.31 0.00	43.91 3.33 0.00	41.14 2.97 0.00	40.84 2.80 0.00	42.07 2.87 0.00	35.89 2.22 0.00	34.77 2.17 0.00
MUNSVILLE_WIND_PWR 323609	31.61 1.90 0.00	25.71 1.35 0.00	25.68 1.39 0.00	24.57 1.28 0.00	24.80 1.37 0.00	27.24 1.62 0.00	27.32 1.84 0.00	28.65 2.07 0.00	30.25 2.19 0.00	27.64 1.69 0.00	26.94 1.72 0.00	33.90 1.94 0.00	35.34 2.07 0.00	37.72 2.21 0.00	40.28 2.14 0.00	42.19 2.17 0.00	38.01 2.39 0.00	40.86 3.10 0.00	44.04 3.46 0.00	41.71 3.54 0.00	41.53 3.49 0.00	42.92 3.71 0.00	36.58 2.91 0.00	35.18 2.57 0.00
N SALMON___HYD 24042	29.90 0.20 0.00	24.65 0.29 0.00	24.68 0.38 0.00	23.64 0.34 0.00	23.79 0.36 0.00	26.00 0.38 0.00	25.73 0.25 0.00	26.76 0.18 0.00	28.30 0.24 0.00	26.14 0.19 0.00	25.60 0.38 0.00	32.54 0.57 0.00	33.65 0.39 0.00	35.88 0.37 0.00	38.41 0.27 0.00	39.94 -0.08 0.00	-8.89 -0.90 43.61	36.94 -0.82 0.00	40.08 -0.51 0.00	37.77 -0.40 0.00	37.76 -0.28 0.00	38.63 -0.57 0.00	33.20 -0.48 0.00	31.77 -0.84 0.00
N.AKRON__115KV_KNAPP 355671	29.40 -0.31 0.00	23.86 -0.49 0.00	24.00 -0.30 0.00	22.93 -0.36 0.00	23.15 -0.27 0.00	25.33 -0.29 0.00	25.32 -0.17 0.00	26.54 -0.05 0.00	28.32 0.26 0.00	26.08 0.13 0.00	25.68 0.46 0.00	32.61 0.65 0.00	33.82 0.56 0.00	35.60 0.17 0.09	37.39 0.10 0.85	39.16 0.14 1.00	35.21 0.40 0.80	37.85 0.92 0.83	40.63 0.73 0.69	38.39 0.76 0.53	38.41 0.37 0.00	40.18 0.98 0.00	34.58 0.91 0.00	33.18 0.57 0.00
N.BELMOR_69_KV_BK1 55787	32.28 1.86 -0.71	25.66 1.30 0.00	25.32 1.03 0.00	24.22 0.93 0.00	24.38 0.96 0.00	26.83 1.21 0.00	26.96 1.47 0.00	28.46 1.88 0.00	30.09 2.04 0.00	27.99 2.04 0.00	33.87 2.13 -6.53	34.68 2.71 0.00	36.26 3.00 0.00	38.62 3.10 0.00	41.39 3.25 0.00	43.52 3.50 0.00	39.20 3.59 0.00	41.37 3.60 0.00	44.16 3.57 0.00	41.41 3.24 0.00	42.07 3.27 -0.76	42.64 3.43 0.00	36.33 2.65 0.00	35.08 2.47 0.00
N.E_GEN_SANDY PD 24062	30.60 0.90 0.00	28.32 0.65 -3.31	27.09 0.59 -2.19	26.25 0.59 -2.37	26.52 0.59 -2.50	26.32 0.70 0.00	26.66 0.88 -0.30	27.10 1.00 0.48	29.20 1.03 -0.11	26.95 0.91 -0.08	27.84 0.78 -1.84	32.97 1.00 0.00	34.37 1.10 0.00	40.48 1.11 -3.86	38.02 1.08 1.21	41.08 1.14 0.08	37.06 1.44 0.00	39.16 1.39 0.00	38.73 1.58 3.43	42.62 1.63 -2.82	38.35 1.61 1.30	40.87 1.70 0.03	34.90 1.23 0.00	33.95 1.34 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.88 1.17 0.00	25.11 0.75 0.00	24.90 0.60 0.00	23.86 0.57 0.00	24.00 0.58 0.00	26.37 0.75 0.00	26.49 1.01 0.00	27.87 1.29 0.00	29.53 1.47 0.00	27.42 1.47 0.00	17.40 1.48 9.31	33.98 2.02 0.00	35.51 2.25 0.00	37.88 2.36 0.00	40.71 2.56 0.00	42.81 2.78 0.00	38.61 2.99 0.00	40.79 3.03 0.00	43.66 3.07 0.00	40.90 2.72 0.00	40.55 2.52 0.00	41.73 2.53 0.00	35.59 1.92 0.00	34.47 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	31.26 1.55 0.00	25.43 1.08 0.00	25.21 0.91 0.00	24.19 0.90 0.00	24.31 0.88 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.92 1.87 0.00	27.83 1.87 0.00	33.35 1.88 -6.25	34.46 2.49 0.00	35.96 2.69 0.00	38.27 2.76 0.00	41.18 3.03 0.00	43.28 3.25 0.00	39.00 3.38 0.00	41.19 3.42 0.00	44.00 3.41 0.00	41.28 3.11 0.00	40.97 2.93 0.00	42.22 3.02 0.00	36.01 2.34 0.00	34.92 2.31 0.00
N.TROY___115KV_TB1 355778	30.67 0.96 0.00	25.09 0.74 0.00	25.02 0.72 0.00	23.99 0.70 0.00	24.14 0.72 0.00	26.44 0.82 0.00	26.44 0.96 0.00	27.61 1.03 0.00	29.07 1.01 0.00	26.79 0.83 0.00	26.93 0.65 -1.06	32.79 0.82 0.00	34.17 0.90 0.00	36.44 0.92 0.00	39.08 0.93 0.00	41.09 1.07 0.00	36.90 1.28 0.00	39.01 1.25 0.00	42.11 1.53 0.00	39.79 1.62 0.00	39.70 1.66 0.00	40.93 1.73 0.00	34.96 1.29 0.00	33.96 1.35 0.00
NARROWS_GT1_1 24228	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT1_2 24229	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT1_3 24230	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT1_4 24231	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00

NARROWS_GT1_5 24232	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT1_6 24233	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT1_7 24234	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT1_8 24235	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT2_1 24236	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT2_2 24237	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT2_3 24238	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT2_4 24239	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT2_5 24240	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT2_6 24241	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT2_7 24242	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NARROWS_GT2_8 24243	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.26 3.11 0.00	43.35 3.33 0.00	39.16 3.54 0.00	41.31 3.55 0.00	44.12 3.54 0.00	41.42 3.25 0.00	41.11 3.08 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.76 1.05 0.00	25.18 0.83 0.00	25.10 0.80 0.00	24.08 0.79 0.00	24.22 0.80 0.00	26.53 0.91 0.00	26.56 1.07 0.00	27.68 1.10 0.00	29.01 0.95 0.00	26.62 0.66 0.00	25.66 0.44 0.00	32.44 0.48 0.00	33.86 0.60 0.00	36.20 0.68 0.00	38.90 0.75 0.00	41.09 1.07 0.00	37.36 1.74 0.00	39.59 1.83 0.00	42.61 2.02 0.00	40.27 2.10 0.00	40.22 2.18 0.00	41.34 2.13 0.00	35.20 1.53 0.00	34.05 1.44 0.00
NCHELSEA_115KV_TR2 355582	31.07 1.37 0.00	25.28 0.92 0.00	25.09 0.79 0.00	24.04 0.75 0.00	24.18 0.76 0.00	26.55 0.93 0.00	26.66 1.18 0.00	28.04 1.46 0.00	29.68 1.63 0.00	27.53 1.57 0.00	26.79 1.57 0.00	34.08 2.12 0.00	35.60 2.34 0.00	38.01 2.50 0.00	40.85 2.71 0.00	42.99 2.97 0.00	38.77 3.16 0.00	41.01 3.24 0.00	43.87 3.29 0.00	41.15 2.97 0.00	40.83 2.79 0.00	42.03 2.83 0.00	35.83 2.15 0.00	34.66 2.05 0.00
NEG CAPITAL___MECHNVIL 23645	31.33 1.63 0.00	25.56 1.20 0.00	25.48 1.18 0.00	24.43 1.14 0.00	24.60 1.17 0.00	26.94 1.33 0.00	26.97 1.48 0.00	28.20 1.62 0.00	29.67 1.61 0.00	27.30 1.35 0.00	27.36 1.12 -1.02	33.44 1.47 0.00	34.86 1.59 0.00	37.22 1.70 0.00	40.02 1.87 0.00	42.33 2.31 0.00	37.93 2.32 0.00	40.14 2.38 0.00	43.42 2.83 0.00	40.97 2.79 0.00	40.89 2.85 0.00	42.09 2.89 0.00	35.87 2.20 0.00	34.77 2.17 0.00



NEG CENTRAL_HIGH_ACRES 23767	28.97 -0.74 0.00	23.60 -0.76 0.00	23.63 -0.67 0.00	22.61 -0.68 0.00	22.79 -0.64 0.00	24.96 -0.66 0.00	24.91 -0.57 0.00	26.06 -0.52 0.00	27.64 -0.42 0.00	25.56 -0.40 0.00	25.02 -0.20 0.00	31.79 -0.17 0.00	33.08 -0.18 0.00	35.14 -0.38 0.00	37.75 -0.39 0.00	39.66 -0.36 0.00	35.56 -0.06 0.00	38.01 0.25 0.00	40.75 0.16 0.00	38.28 0.11 0.00	37.81 -0.22 0.00	39.20 0.00 0.00	33.58 -0.10 0.00	32.31 -0.30 0.00
NEG CENTRAL___DRP 24199	29.63 -0.08 0.00	24.12 -0.23 0.00	24.10 -0.20 0.00	23.06 -0.23 0.00	23.25 -0.18 0.00	25.51 -0.11 0.00	25.49 0.01 0.00	26.66 0.08 0.00	28.18 0.12 0.00	25.98 0.03 0.00	25.33 0.10 0.00	32.16 0.19 0.00	33.51 0.24 0.00	35.71 0.19 0.00	38.25 0.10 0.00	40.25 0.23 0.00	33.97 0.48 2.13	38.53 0.76 0.00	41.44 0.85 0.00	39.02 0.85 0.00	38.61 0.57 0.00	39.95 0.75 0.00	34.20 0.53 0.00	32.92 0.31 0.00
NEG CENTRAL___INDECK 23768	30.17 0.47 0.00	24.46 0.11 0.00	24.51 0.21 0.00	23.40 0.10 0.00	23.62 0.19 0.00	25.92 0.30 0.00	25.96 0.48 0.00	27.19 0.61 0.00	28.73 0.67 0.00	26.36 0.40 0.00	25.88 0.66 0.00	32.89 0.93 0.00	34.12 0.85 0.00	36.03 0.46 -0.05	38.53 -0.05 -0.43	40.22 -0.30 -0.51	36.04 0.03 -0.40	38.57 0.38 -0.42	41.23 0.29 -0.35	39.12 0.68 -0.27	38.60 0.56 0.00	41.00 1.79 0.00	35.44 1.77 0.00	33.91 1.30 0.00
NEG CENTRAL___SENECA 23627	29.67 -0.04 0.00	24.12 -0.24 0.00	24.11 -0.18 0.00	23.05 -0.24 0.00	23.26 -0.17 0.00	25.53 -0.09 0.00	25.56 0.07 0.00	26.77 0.19 0.00	28.35 0.29 0.00	26.11 0.15 0.00	25.47 0.25 0.00	32.34 0.37 0.00	33.68 0.41 0.00	35.84 0.32 0.00	38.36 0.21 0.00	40.38 0.36 0.00	36.25 0.63 0.00	38.79 1.02 0.00	41.70 1.11 0.00	39.26 1.08 0.00	38.78 0.74 0.00	40.21 1.01 0.00	34.42 0.75 0.00	33.07 0.46 0.00
NEG CENTRAL___STATE_STREET 24147	29.80 0.10 0.00	24.31 -0.04 0.00	24.25 -0.05 0.00	23.23 -0.06 0.00	23.41 -0.01 0.00	25.66 0.04 0.00	25.60 0.12 0.00	26.70 0.12 0.00	28.10 0.04 0.00	25.94 -0.02 0.00	25.26 0.04 0.00	32.11 0.14 0.00	33.47 0.20 0.00	35.71 0.19 0.00	38.33 0.18 0.00	40.27 0.25 0.00	33.84 0.49 2.26	38.43 0.67 0.00	41.36 0.77 0.00	38.99 0.82 0.00	38.68 0.64 0.00	39.93 0.73 0.00	34.16 0.49 0.00	32.94 0.34 0.00
NEG MILLWOOD___DRP 24198	31.17 1.47 0.00	25.35 0.99 0.00	25.14 0.84 0.00	24.09 0.80 0.00	24.23 0.81 0.00	26.62 1.00 0.00	26.74 1.26 0.00	28.15 1.56 0.00	29.81 1.76 0.00	27.67 1.71 0.00	28.99 1.72 -2.05	34.27 2.31 0.00	35.82 2.55 0.00	38.22 2.70 0.00	41.09 2.94 0.00	43.23 3.22 0.00	38.99 3.37 0.00	41.21 3.44 0.00	44.09 3.50 0.00	41.34 3.16 0.00	41.00 2.96 0.00	42.22 3.02 0.00	35.97 2.30 0.00	34.79 2.18 0.00
NEG NORTH_FLCN_SEA 23793	30.61 0.91 0.00	25.17 0.81 0.00	25.22 0.92 0.00	24.16 0.87 0.00	24.38 0.95 0.00	26.67 1.05 0.00	26.48 1.00 0.00	27.47 0.88 0.00	29.06 1.00 0.00	26.81 0.86 0.00	26.28 1.06 0.00	33.49 1.52 0.00	34.69 1.42 0.00	36.97 1.46 0.00	39.40 1.26 0.00	40.80 0.78 0.00	25.65 -0.05 9.91	37.50 -0.26 0.00	40.70 0.12 0.00	38.60 0.43 0.00	38.35 0.31 0.00	39.23 0.04 0.00	33.75 0.07 0.00	31.61 -1.00 0.00
NEG NORTH_KES_CHATEGAY 23792	29.88 0.18 0.00	24.64 0.28 0.00	24.69 0.39 0.00	23.65 0.36 0.00	23.80 0.37 0.00	26.01 0.39 0.00	25.74 0.26 0.00	26.75 0.16 0.00	28.28 0.22 0.00	26.12 0.16 0.00	25.57 0.35 0.00	32.49 0.53 0.00	33.62 0.35 0.00	35.88 0.36 0.00	38.35 0.21 0.00	39.86 -0.16 0.00	16.60 -0.88 18.14	36.85 -0.92 0.00	40.00 -0.59 0.00	37.64 -0.53 0.00	37.56 -0.48 0.00	38.48 -0.72 0.00	33.10 -0.57 0.00	31.62 -0.99 0.00
NEG NORTH___ALICE_FALLS 23915	30.66 0.95 0.00	25.23 0.88 0.00	25.28 0.98 0.00	24.23 0.94 0.00	24.46 1.04 0.00	26.76 1.14 0.00	26.56 1.08 0.00	27.57 0.98 0.00	29.15 1.09 0.00	26.88 0.92 0.00	26.36 1.14 0.00	33.63 1.66 0.00	34.81 1.55 0.00	37.18 1.66 0.00	39.54 1.40 0.00	41.02 1.00 0.00	24.58 0.18 11.22	37.70 -0.06 0.00	40.98 0.39 0.00	38.73 0.56 0.00	38.55 0.51 0.00	39.45 0.25 0.00	33.88 0.21 0.00	31.68 -0.93 0.00
NEG NORTH___LWR_SARANAC 23913	30.66 0.95 0.00	25.23 0.88 0.00	25.28 0.98 0.00	24.23 0.94 0.00	24.46 1.04 0.00	26.76 1.14 0.00	26.56 1.08 0.00	27.57 0.98 0.00	29.15 1.09 0.00	26.88 0.92 0.00	26.36 1.14 0.00	33.63 1.66 0.00	34.81 1.55 0.00	37.18 1.66 0.00	39.54 1.40 0.00	41.02 1.00 0.00	24.58 0.18 11.22	37.70 -0.06 0.00	40.98 0.39 0.00	38.73 0.56 0.00	38.55 0.51 0.00	39.45 0.25 0.00	33.88 0.21 0.00	31.68 -0.93 0.00
NEG NORTH___PLATTSBURG 23628	30.66 0.95 0.00	25.23 0.88 0.00	25.28 0.98 0.00	24.23 0.94 0.00	24.46 1.03 0.00	26.76 1.14 0.00	26.55 1.07 0.00	27.57 0.99 0.00	29.15 1.09 0.00	26.88 0.92 0.00	26.36 1.14 0.00	33.63 1.66 0.00	34.81 1.54 0.00	37.18 1.66 0.00	39.54 1.40 0.00	41.02 1.00 0.00	24.58 0.18 11.22	37.70 -0.06 0.00	40.98 0.40 0.00	38.74 0.56 0.00	38.55 0.51 0.00	39.45 0.25 0.00	33.88 0.21 0.00	31.67 -0.93 0.00
NEG WEST_LEA_LOCKPORT 23791	28.88 -0.82 0.00	23.45 -0.91 0.00	23.61 -0.69 0.00	22.56 -0.73 0.00	22.78 -0.65 0.00	24.89 -0.73 0.00	24.87 -0.61 0.00	26.04 -0.54 0.00	27.81 -0.25 0.00	25.65 -0.31 0.00	25.29 0.07 0.00	32.11 0.14 0.00	33.24 -0.03 0.00	34.83 -0.52 0.17	35.89 -0.67 1.59	37.47 -0.67 1.88	33.80 -0.31 1.50	36.33 0.12 1.56	39.05 -0.24 1.29	36.96 -0.21 1.00	37.47 -0.56 0.00	39.29 0.08 0.00	33.90 0.22 0.00	32.58 -0.03 0.00
NEG WEST___LANCASTR 23811	29.23 -0.48 0.00	23.71 -0.65 0.00	23.83 -0.47 0.00	22.77 -0.52 0.00	23.01 -0.42 0.00	25.20 -0.42 0.00	25.19 -0.29 0.00	26.44 -0.14 0.00	28.22 0.16 0.00	26.06 0.10 0.00	25.66 0.43 0.00	32.58 0.62 0.00	33.77 0.50 0.00	36.02 0.20 -0.31	41.01 -0.03 -2.89	43.48 0.04 -3.42	38.74 0.39 -2.74	41.36 0.76 -2.84	43.31 0.37 -2.35	40.30 0.31 -1.82	38.05 0.01 0.00	39.87 0.67 0.00	34.27 0.60 0.00	32.87 0.26 0.00
NEG_PENN_ALLEGHNY 23528	29.89 0.19 0.00	24.37 0.01 0.00	24.31 0.01 0.00	23.27 -0.02 0.00	23.44 0.02 0.00	25.72 0.10 0.00	25.70 0.22 0.00	26.92 0.33 0.00	28.48 0.42 0.00	26.31 0.36 0.00	25.64 0.41 0.00	32.54 0.58 0.00	33.92 0.65 0.00	36.25 0.69 -0.04	39.16 0.67 -0.34	41.17 0.75 -0.40	36.91 0.97 -0.32	39.15 1.06 -0.33	41.87 1.01 -0.27	39.36 0.97 -0.21	38.82 0.78 0.00	40.15 0.95 0.00	34.35 0.68 0.00	33.11 0.50 0.00
NEG___GEN_MONROE 24207	29.67 -0.03 0.00	24.13 -0.23 0.00	24.16 -0.14 0.00	23.10 -0.19 0.00	23.29 -0.13 0.00	25.50 -0.12 0.00	25.46 -0.03 0.00	26.65 0.07 0.00	28.31 0.25 0.00	26.14 0.18 0.00	25.64 0.42 0.00	32.57 0.61 0.00	33.86 0.59 0.00	35.85 0.37 0.04	38.19 0.38 0.33	40.10 0.47 0.40	35.99 0.70 0.32	38.75 1.12 0.13	41.54 1.07 0.12	39.01 1.05 0.21	38.75 0.71 0.00	40.29 1.09 0.00	34.58 0.90 0.00	33.20 0.59 0.00

NEPA___ENERGY 23901	29.08 -0.63 0.00	23.55 -0.80 0.00	23.67 -0.62 0.00	22.58 -0.72 0.00	22.85 -0.58 0.00	25.11 -0.51 0.00	25.12 -0.37 0.00	26.44 -0.14 0.00	28.21 0.15 0.00	25.99 0.03 0.00	25.57 0.34 0.00	32.52 0.55 0.00	33.81 0.54 0.00	36.23 0.34 -0.37	41.83 0.22 -3.46	44.49 0.38 -4.09	39.70 0.81 -3.27	42.26 1.10 -3.39	44.06 0.66 -2.81	40.87 0.53 -2.17	37.98 -0.06 0.00	39.82 0.62 0.00	34.18 0.50 0.00	32.63 0.02 0.00
NEVERSINK___HYD 23608	30.20 0.50 0.00	24.58 0.22 0.00	24.37 0.07 0.00	23.34 0.06 0.00	23.48 0.06 0.00	25.78 0.16 0.00	25.87 0.39 0.00	27.19 0.61 0.00	28.77 0.71 0.00	26.66 0.71 0.00	24.59 0.71 1.34	32.97 1.01 0.00	34.50 1.23 0.00	36.70 1.19 0.00	38.91 0.76 0.00	41.06 1.03 0.00	37.03 1.41 0.00	39.17 1.40 0.00	42.06 1.48 0.00	39.40 1.23 0.00	39.10 1.06 0.00	41.87 2.67 0.00	35.98 2.30 0.00	34.75 2.15 0.00
NEWKRMKL_115KV_TB1 55635	30.02 0.32 0.00	24.58 0.23 0.00	24.48 0.18 0.00	23.49 0.20 0.00	23.62 0.20 0.00	25.86 0.24 0.00	25.89 0.41 0.00	27.05 0.47 0.00	28.52 0.46 0.00	26.36 0.41 0.00	26.53 0.29 -1.02	32.34 0.38 0.00	33.74 0.48 0.00	36.03 0.51 0.00	38.64 0.49 0.00	40.62 0.60 0.00	36.48 0.86 0.00	38.51 0.75 0.00	41.43 0.84 0.00	39.05 0.88 0.00	38.93 0.89 0.00	40.10 0.90 0.00	34.25 0.58 0.00	33.22 0.62 0.00
NEWTON___FALLS_HYD 23847	28.97 -0.73 0.00	23.89 -0.47 0.00	23.90 -0.40 0.00	22.89 -0.40 0.00	23.01 -0.42 0.00	25.19 -0.43 0.00	25.00 -0.48 0.00	25.99 -0.59 0.00	27.34 -0.72 0.00	25.16 -0.80 0.00	24.43 -0.79 0.00	30.86 -1.11 0.00	31.93 -1.33 0.00	34.10 -1.42 0.00	36.63 -1.52 0.00	38.25 -1.78 0.00	-47.17 -2.01 80.78	36.13 -1.63 0.00	39.05 -1.54 0.00	37.05 -1.12 0.00	37.11 -0.93 0.00	37.75 -1.45 0.00	32.16 -1.51 0.00	31.12 -1.49 0.00
NGRID_A1_DSASP 323792	28.48 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.52 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.64 0.00	25.30 -0.65 0.00	24.97 -0.25 0.00	31.69 -0.28 0.00	32.79 -0.48 0.00	34.44 -1.07 0.00	36.91 -1.24 0.00	38.72 -1.30 0.00	34.69 -0.92 0.00	37.24 -0.53 0.00	39.59 -0.99 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.60 -0.60 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
NGRID_A2_DSASP 323793	28.48 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.52 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.64 0.00	25.30 -0.65 0.00	24.97 -0.25 0.00	31.69 -0.28 0.00	32.79 -0.48 0.00	34.44 -1.07 0.00	36.91 -1.24 0.00	38.72 -1.30 0.00	34.69 -0.92 0.00	37.24 -0.53 0.00	39.59 -0.99 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.60 -0.60 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
NGRID_A4_DSASP 323807	28.48 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.52 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.64 0.00	25.30 -0.65 0.00	24.97 -0.25 0.00	31.69 -0.28 0.00	32.79 -0.48 0.00	34.44 -1.07 0.00	36.91 -1.24 0.00	38.72 -1.30 0.00	34.69 -0.92 0.00	37.24 -0.53 0.00	39.59 -0.99 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.60 -0.60 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
NIAGARA_115E_LBMP 323715	28.45 -1.26 0.00	23.11 -1.25 0.00	23.28 -1.02 0.00	22.25 -1.05 0.00	22.46 -0.96 0.00	24.54 -1.08 0.00	24.50 -0.98 0.00	25.64 -0.95 0.00	27.37 -0.69 0.00	25.25 -0.71 0.00	24.92 -0.31 0.00	31.60 -0.37 0.00	32.70 -0.56 0.00	34.29 -1.17 0.05	36.30 -1.35 0.50	38.03 -1.40 0.59	34.15 -0.99 0.47	36.67 -0.60 0.49	39.13 -1.05 0.41	36.87 -0.98 0.31	36.73 -1.31 0.00	38.56 -0.64 0.00	33.34 -0.34 0.00	32.07 -0.54 0.00
NIAGARA_115W_LBMP 323714	28.44 -1.27 0.00	23.11 -1.24 0.00	23.30 -1.00 0.00	22.27 -1.02 0.00	22.48 -0.95 0.00	24.54 -1.08 0.00	24.49 -1.00 0.00	25.63 -0.95 0.00	27.37 -0.69 0.00	25.26 -0.70 0.00	24.94 -0.29 0.00	31.63 -0.34 0.00	32.73 -0.53 0.00	34.29 -1.14 0.08	36.06 -1.31 0.78	37.72 -1.37 0.93	33.89 -0.99 0.74	36.40 -0.60 0.77	38.88 -1.06 0.64	36.66 -1.02 0.49	36.70 -1.34 0.00	38.52 -0.68 0.00	33.31 -0.36 0.00	32.04 -0.56 0.00
NIAGARA_230_LBMP 323716	28.51 -1.20 0.00	23.17 -1.19 0.00	23.35 -0.95 0.00	22.32 -0.97 0.00	22.53 -0.90 0.00	24.61 -1.01 0.00	24.55 -0.93 0.00	25.70 -0.88 0.00	27.42 -0.63 0.00	25.30 -0.65 0.00	24.97 -0.25 0.00	31.68 -0.29 0.00	32.78 -0.48 0.00	33.41 -1.02 1.08	27.00 -1.18 9.97	27.00 -1.24 11.78	25.33 -0.85 9.43	27.50 -0.48 9.78	31.54 -0.93 8.12	31.02 -0.89 6.27	36.83 -1.21 0.00	38.63 -0.57 0.00	33.37 -0.30 0.00	32.11 -0.50 0.00
NIAGARA___115KV_198_GIBSON 55903	28.44 -1.27 0.00	23.11 -1.24 0.00	23.29 -1.01 0.00	22.27 -1.02 0.00	22.48 -0.95 0.00	24.54 -1.08 0.00	24.49 -0.99 0.00	25.63 -0.95 0.00	27.37 -0.69 0.00	25.26 -0.70 0.00	24.92 -0.30 0.00	31.63 -0.34 0.00	32.72 -0.54 0.00	34.30 -1.13 0.08	36.03 -1.33 0.78	37.70 -1.40 0.93	33.87 -1.00 0.74	36.38 -0.61 0.77	38.87 -1.08 0.64	36.65 -1.03 0.49	36.69 -1.35 0.00	38.52 -0.68 0.00	33.31 -0.36 0.00	32.05 -0.55 0.00
NIAGARA____ 23760	28.51 -1.20 0.00	23.17 -1.19 0.00	23.35 -0.95 0.00	22.32 -0.97 0.00	22.53 -0.90 0.00	24.61 -1.01 0.00	24.55 -0.93 0.00	25.70 -0.88 0.00	27.42 -0.63 0.00	25.30 -0.65 0.00	24.97 -0.25 0.00	31.68 -0.29 0.00	32.78 -0.48 0.00	33.74 -1.02 0.75	30.03 -1.18 6.94	30.61 -1.24 8.17	28.28 -0.85 6.49	30.46 -0.48 6.83	33.89 -0.93 5.77	32.83 -0.89 4.46	36.83 -1.21 0.00	38.63 -0.57 0.00	33.37 -0.30 0.00	32.11 -0.50 0.00
NINE_MILE_1 23575	28.91 -0.79 0.00	23.66 -0.69 0.00	23.61 -0.69 0.00	22.63 -0.66 0.00	22.77 -0.65 0.00	24.92 -0.70 0.00	24.79 -0.69 0.00	25.83 -0.76 0.00	27.27 -0.78 0.00	25.23 -0.73 0.00	24.53 -0.69 0.00	31.12 -0.84 0.00	32.41 -0.86 0.00	34.57 -0.94 0.00	37.11 -1.03 0.00	38.95 -1.07 0.00	34.82 -0.80 0.00	36.96 -0.80 0.00	39.72 -0.87 0.00	37.39 -0.79 0.00	37.16 -0.88 0.00	38.35 -0.85 0.00	32.88 -0.79 0.00	31.80 -0.80 0.00
NINE_MILE_2 23744	28.92 -0.79 0.00	23.66 -0.69 0.00	23.62 -0.68 0.00	22.63 -0.66 0.00	22.77 -0.65 0.00	24.92 -0.69 0.00	24.79 -0.69 0.00	25.83 -0.75 0.00	27.27 -0.78 0.00	25.23 -0.73 0.00	24.53 -0.69 0.00	31.12 -0.84 0.00	32.41 -0.86 0.00	34.57 -0.94 0.00	37.12 -1.03 0.00	38.95 -1.07 0.00	34.82 -0.79 0.00	36.96 -0.80 0.00	39.72 -0.87 0.00	37.39 -0.79 0.00	37.16 -0.88 0.00	38.35 -0.85 0.00	32.89 -0.79 0.00	31.80 -0.80 0.00
NM_CAPITAL___DRP 24208	30.05 0.35 0.00	24.62 0.26 0.00	24.51 0.21 0.00	23.52 0.23 0.00	23.66 0.23 0.00	25.90 0.29 0.00	25.93 0.45 0.00	27.09 0.51 0.00	28.56 0.49 0.00	26.39 0.44 0.00	26.57 0.31 -1.03	32.37 0.40 0.00	33.76 0.49 0.00	36.03 0.51 0.00	38.63 0.48 0.00	40.60 0.57 0.00	36.46 0.85 0.00	38.50 0.74 0.00	41.43 0.84 0.00	39.08 0.91 0.00	38.95 0.92 0.00	40.13 0.93 0.00	34.28 0.61 0.00	33.26 0.66 0.00

NM_CENTRAL___DRP 24181	29.49 -0.22 0.00	24.09 -0.26 0.00	24.03 -0.27 0.00	23.03 -0.27 0.00	23.18 -0.25 0.00	25.39 -0.23 0.00	25.30 -0.18 0.00	26.40 -0.18 0.00	27.89 -0.16 0.00	25.81 -0.15 0.00	25.12 -0.11 0.00	31.88 -0.08 0.00	33.24 -0.03 0.00	35.48 -0.04 0.00	38.09 -0.06 0.00	39.96 -0.06 0.00	32.40 0.17 3.38	38.01 0.25 0.00	40.84 0.25 0.00	38.41 0.24 0.00	38.13 0.09 0.00	39.38 0.18 0.00	33.71 0.04 0.00	32.56 -0.05 0.00
NM_FRONTIER___DRP 24179	28.44 -1.27 0.00	23.11 -1.24 0.00	23.29 -1.01 0.00	22.27 -1.02 0.00	22.48 -0.95 0.00	24.54 -1.08 0.00	24.49 -0.99 0.00	25.63 -0.95 0.00	27.37 -0.69 0.00	25.26 -0.70 0.00	24.92 -0.30 0.00	31.63 -0.34 0.00	32.72 -0.54 0.00	34.30 -1.13 0.08	36.03 -1.33 0.78	37.70 -1.40 0.93	33.87 -1.00 0.74	36.38 -0.61 0.77	38.87 -1.08 0.64	36.65 -1.03 0.49	36.69 -1.35 0.00	38.52 -0.68 0.00	33.31 -0.36 0.00	32.05 -0.55 0.00
NM_ST_REGIS___HYD 24053	29.32 -0.39 0.00	24.20 -0.15 0.00	24.23 -0.07 0.00	23.22 -0.08 0.00	23.33 -0.10 0.00	25.47 -0.15 0.00	25.21 -0.28 0.00	26.19 -0.39 0.00	27.58 -0.48 0.00	25.40 -0.55 0.00	24.78 -0.44 0.00	31.37 -0.60 0.00	32.42 -0.84 0.00	34.65 -0.87 0.00	37.23 -0.92 0.00	38.79 -1.23 0.00	-69.89 -2.03 103.48	35.93 -1.83 0.00	38.88 -1.70 0.00	36.73 -1.45 0.00	37.01 -1.03 0.00	37.87 -1.33 0.00	32.53 -1.15 0.00	31.36 -1.25 0.00
NORTHPORT___1 23551	32.11 1.69 -0.71	25.58 1.23 0.00	25.20 0.90 0.00	24.11 0.82 0.00	24.29 0.87 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.37 1.79 0.00	29.95 1.90 0.00	27.84 1.89 0.00	33.66 1.90 -6.53	34.29 2.33 0.00	35.82 2.55 0.00	38.07 2.56 0.00	40.85 2.70 0.00	42.94 2.92 0.00	38.64 3.02 0.00	40.84 3.07 0.00	43.60 3.01 0.00	41.01 2.84 0.00	41.71 2.91 -0.76	42.11 2.91 0.00	35.83 2.16 0.00	34.64 2.03 0.00
NORTHPORT___2 23552	32.11 1.69 -0.71	25.58 1.23 0.00	25.20 0.90 0.00	24.11 0.82 0.00	24.29 0.87 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.37 1.79 0.00	29.95 1.90 0.00	27.84 1.89 0.00	33.66 1.90 -6.53	34.29 2.33 0.00	35.82 2.55 0.00	38.07 2.56 0.00	40.85 2.70 0.00	42.94 2.92 0.00	38.64 3.02 0.00	40.84 3.07 0.00	43.60 3.01 0.00	41.01 2.84 0.00	41.71 2.91 -0.76	42.11 2.91 0.00	35.83 2.16 0.00	34.64 2.03 0.00
NORTHPORT___3 23553	32.09 1.67 -0.71	25.53 1.18 0.00	25.18 0.89 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.68 1.06 0.00	26.83 1.35 0.00	28.30 1.72 0.00	29.88 1.83 0.00	27.78 1.83 0.00	33.66 1.91 -6.53	34.16 2.19 0.00	35.62 2.35 0.00	37.83 2.32 0.00	40.62 2.48 0.00	42.72 2.70 0.00	38.45 2.83 0.00	40.62 2.86 0.00	43.37 2.79 0.00	40.75 2.58 0.00	41.39 2.59 -0.76	41.80 2.60 0.00	35.60 1.93 0.00	34.50 1.89 0.00
NORTHPORT___4 23650	32.09 1.67 -0.71	25.53 1.18 0.00	25.18 0.89 0.00	24.09 0.80 0.00	24.25 0.83 0.00	26.68 1.06 0.00	26.83 1.35 0.00	28.30 1.72 0.00	29.88 1.83 0.00	27.78 1.83 0.00	33.66 1.91 -6.53	34.16 2.19 0.00	35.62 2.35 0.00	37.83 2.32 0.00	40.62 2.48 0.00	42.72 2.70 0.00	38.45 2.83 0.00	40.62 2.86 0.00	43.37 2.79 0.00	40.75 2.58 0.00	41.39 2.59 -0.76	41.80 2.60 0.00	35.60 1.93 0.00	34.50 1.89 0.00
NORTHPORT___IC 23718	32.11 1.70 -0.71	25.58 1.23 0.00	25.20 0.90 0.00	24.11 0.82 0.00	24.29 0.87 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.38 1.79 0.00	29.95 1.90 0.00	27.84 1.89 0.00	33.65 1.90 -6.53	34.29 2.33 0.00	35.82 2.55 0.00	38.07 2.55 0.00	40.85 2.70 0.00	42.94 2.92 0.00	38.64 3.02 0.00	40.84 3.07 0.00	43.59 3.01 0.00	41.01 2.84 0.00	41.71 2.91 -0.76	42.11 2.91 0.00	35.83 2.16 0.00	34.63 2.03 0.00
NORTH___COUNTRY_ESR 323785	29.83 0.13 0.00	24.59 0.24 0.00	24.65 0.35 0.00	23.60 0.31 0.00	23.76 0.34 0.00	25.97 0.35 0.00	25.68 0.19 0.00	26.69 0.11 0.00	28.26 0.20 0.00	26.10 0.15 0.00	25.56 0.34 0.00	32.48 0.51 0.00	33.60 0.34 0.00	35.86 0.34 0.00	38.35 0.20 0.00	39.84 -0.18 0.00	16.39 -0.90 18.32	36.83 -0.94 0.00	39.94 -0.65 0.00	37.59 -0.58 0.00	37.43 -0.61 0.00	38.33 -0.87 0.00	33.01 -0.67 0.00	31.54 -1.07 0.00
NPX_GEN_1385_PROXY 323591	32.16 1.74 -0.71	25.78 1.43 0.00	25.20 0.90 0.00	24.07 0.78 0.00	24.38 0.95 0.00	26.81 1.20 0.00	26.87 1.39 0.00	28.56 1.98 0.00	29.89 1.83 0.00	27.57 1.62 0.00	32.97 1.22 -6.53	33.43 1.46 0.00	34.94 1.67 0.00	29.71 1.50 7.30	39.75 1.61 0.00	41.98 1.96 0.00	37.57 1.96 0.00	35.14 1.94 4.56	42.53 1.95 0.00	40.53 2.36 0.00	41.78 2.97 -0.76	42.07 2.87 0.00	35.57 1.90 0.00	34.25 1.64 0.00
NPX_GEN_CSC 323557	31.90 1.49 -0.71	25.41 1.05 0.00	25.01 0.71 0.00	23.92 0.63 0.00	24.10 0.67 0.00	26.50 0.88 0.00	26.69 1.21 0.00	28.19 1.61 0.00	29.81 1.75 0.00	27.77 1.81 0.00	33.57 1.82 -6.53	34.24 2.28 0.00	35.85 2.58 0.00	38.25 2.73 0.00	41.11 2.96 0.00	43.03 3.01 0.00	38.78 3.16 0.00	41.07 3.31 0.00	43.77 3.19 0.00	41.21 3.04 0.00	41.99 3.19 -0.76	42.28 3.08 0.00	35.89 2.21 0.00	34.66 2.05 0.00
NSINS_S___GLNS_FALLS 23858	31.86 2.16 0.00	25.88 1.53 0.00	25.82 1.52 0.00	24.76 1.46 0.00	24.96 1.54 0.00	27.34 1.72 0.00	27.39 1.90 0.00	28.71 2.13 0.00	30.15 2.09 0.00	27.66 1.70 0.00	27.53 1.33 -0.98	33.77 1.80 0.00	35.12 1.85 0.00	37.44 1.92 0.00	40.44 2.29 0.00	42.97 2.95 0.00	38.49 2.88 0.00	40.80 3.03 0.00	44.44 3.86 0.00	41.92 3.74 0.00	41.94 3.90 0.00	43.10 3.90 0.00	36.68 3.00 0.00	35.54 2.93 0.00
NUCOR_STEEL___DRP 24197	29.77 0.07 0.00	24.29 -0.06 0.00	24.24 -0.06 0.00	23.22 -0.07 0.00	23.39 -0.03 0.00	25.64 0.02 0.00	25.57 0.08 0.00	26.67 0.08 0.00	28.05 0.00 0.00	25.91 -0.04 0.00	25.23 0.01 0.00	32.06 0.10 0.00	33.42 0.16 0.00	35.67 0.15 0.00	38.29 0.14 0.00	40.22 0.20 0.00	33.74 0.44 2.31	38.38 0.61 0.00	41.26 0.68 0.00	38.88 0.71 0.00	38.59 0.56 0.00	39.85 0.65 0.00	34.10 0.43 0.00	32.89 0.28 0.00
NUMBER_THREE_WT_PWR 323818	29.58 -0.13 0.00	24.35 -0.01 0.00	24.36 0.06 0.00	23.32 0.02 0.00	23.46 0.04 0.00	25.73 0.11 0.00	25.63 0.14 0.00	26.67 0.08 0.00	28.06 0.00 0.00	25.85 -0.11 0.00	25.06 -0.16 0.00	31.63 -0.34 0.00	32.77 -0.49 0.00	34.93 -0.59 0.00	37.46 -0.69 0.00	39.17 -0.85 0.00	-0.23 -0.68 35.16	37.38 -0.39 0.00	40.35 -0.24 0.00	38.14 -0.03 0.00	37.90 -0.13 0.00	38.56 -0.64 0.00	32.65 -1.02 0.00	31.67 -0.94 0.00
NYISO_LBMP_REFERENCE 24008	29.70 0.00 0.00	24.36 0.00 0.00	24.30 0.00 0.00	23.29 0.00 0.00	23.43 0.00 0.00	25.62 0.00 0.00	25.48 0.00 0.00	26.58 0.00 0.00	28.06 0.00 0.00	25.95 0.00 0.00	25.22 0.00 0.00	31.97 0.00 0.00	33.27 0.00 0.00	35.52 0.00 0.00	38.15 0.00 0.00	40.02 0.00 0.00	35.61 0.00 0.00	37.76 0.00 0.00	40.59 0.00 0.00	38.17 0.00 0.00	38.04 0.00 0.00	39.20 0.00 0.00	33.67 0.00 0.00	32.61 0.00 0.00

NYPA_BRENTWD____GT 24164	32.45 2.03 -0.71	25.83 1.47 0.00	25.44 1.14 0.00	24.34 1.05 0.00	24.51 1.09 0.00	26.97 1.35 0.00	27.14 1.66 0.00	28.67 2.09 0.00	30.31 2.25 0.00	28.19 2.23 0.00	34.02 2.27 -6.53	34.79 2.83 0.00	36.39 3.12 0.00	38.75 3.24 0.00	41.51 3.36 0.00	43.63 3.61 0.00	39.28 3.66 0.00	41.52 3.75 0.00	44.33 3.75 0.00	41.66 3.48 0.00	42.31 3.50 -0.76	42.77 3.56 0.00	36.42 2.75 0.00	35.16 2.56 0.00
NYPA_GOWANUS____GT5 24156	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.25 3.10 0.00	43.34 3.31 0.00	39.15 3.53 0.00	41.30 3.54 0.00	44.12 3.53 0.00	41.41 3.24 0.00	41.11 3.07 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NYPA_GOWANUS____GT6 24157	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.18 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.87 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.26	34.82 2.58 -0.27	36.34 2.78 -0.30	38.39 2.87 0.00	41.25 3.10 0.00	43.34 3.31 0.00	39.15 3.53 0.00	41.30 3.54 0.00	44.12 3.53 0.00	41.41 3.24 0.00	41.11 3.07 0.00	42.37 3.17 0.00	36.19 2.52 0.00	35.06 2.45 0.00
NYPA_HARLEM__RVR__GT1 24160	31.20 1.49 0.00	25.38 1.03 0.00	25.15 0.86 0.00	24.15 0.85 0.00	24.26 0.83 0.00	26.68 1.05 0.00	26.81 1.33 0.00	28.20 1.62 0.00	29.86 1.80 0.00	27.76 1.80 0.00	33.28 1.80 -6.26	34.37 2.40 -0.01	35.85 2.58 0.00	38.16 2.64 0.00	41.04 2.89 0.00	43.14 3.11 0.00	38.87 3.25 0.00	41.04 3.27 0.00	43.84 3.25 0.00	41.14 2.97 0.00	40.83 2.80 0.00	42.09 2.89 0.00	35.90 2.23 0.00	34.83 2.22 0.00
NYPA_HARLEM__RVR__GT2 24161	31.20 1.49 0.00	25.38 1.03 0.00	25.15 0.86 0.00	24.15 0.85 0.00	24.26 0.83 0.00	26.68 1.05 0.00	26.81 1.33 0.00	28.20 1.62 0.00	29.86 1.80 0.00	27.76 1.80 0.00	33.28 1.80 -6.26	34.37 2.40 -0.01	35.85 2.58 0.00	38.16 2.64 0.00	41.04 2.89 0.00	43.14 3.11 0.00	38.87 3.25 0.00	41.04 3.27 0.00	43.84 3.25 0.00	41.14 2.97 0.00	40.83 2.80 0.00	42.09 2.89 0.00	35.90 2.23 0.00	34.83 2.22 0.00
NYPA_KENT____GT 24152	31.26 1.56 0.00	25.41 1.05 0.00	25.18 0.88 0.00	24.15 0.85 0.00	24.28 0.85 0.00	26.69 1.07 0.00	26.84 1.35 0.00	28.25 1.66 0.00	29.94 1.88 0.00	27.83 1.87 0.00	33.36 1.88 -6.26	34.80 2.56 -0.27	36.32 2.75 -0.30	38.35 2.83 0.00	41.22 3.07 0.00	43.30 3.28 0.00	39.09 3.47 0.00	41.25 3.48 0.00	44.05 3.46 0.00	41.32 3.15 0.00	41.01 2.97 0.00	42.26 3.06 0.00	36.09 2.42 0.00	34.97 2.36 0.00
NYPA_POUCH1____GT 24155	31.23 1.53 0.00	25.39 1.04 0.00	25.17 0.87 0.00	24.12 0.83 0.00	24.26 0.84 0.00	26.68 1.06 0.00	26.81 1.32 0.00	28.17 1.59 0.00	29.84 1.78 0.00	27.71 1.76 0.00	33.22 1.75 -6.25	34.46 2.41 -0.07	35.94 2.60 -0.08	38.22 2.71 0.00	41.06 2.91 0.00	43.14 3.12 0.00	39.00 3.39 0.00	41.13 3.37 0.00	43.93 3.35 0.00	41.31 3.13 0.00	41.01 2.97 0.00	42.28 3.08 0.00	36.15 2.47 0.00	34.98 2.37 0.00
NYPA_VERNON____GT2 24162	31.21 1.51 0.00	25.38 1.02 0.00	25.15 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.81 1.33 0.00	28.23 1.65 0.00	29.92 1.87 0.00	27.82 1.86 0.00	33.35 1.87 -6.26	34.78 2.54 -0.27	36.30 2.73 -0.30	38.34 2.83 0.00	41.21 3.06 0.00	43.31 3.28 0.00	39.06 3.45 0.00	41.21 3.45 0.00	44.01 3.42 0.00	41.26 3.09 0.00	40.95 2.91 0.00	42.20 3.00 0.00	36.01 2.33 0.00	34.89 2.28 0.00
NYPA_VERNON____GT3 24163	31.21 1.51 0.00	25.38 1.02 0.00	25.15 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.81 1.33 0.00	28.23 1.65 0.00	29.92 1.87 0.00	27.82 1.86 0.00	33.35 1.87 -6.26	34.78 2.54 -0.27	36.30 2.73 -0.30	38.34 2.83 0.00	41.21 3.06 0.00	43.31 3.28 0.00	39.06 3.45 0.00	41.21 3.45 0.00	44.01 3.42 0.00	41.26 3.09 0.00	40.95 2.91 0.00	42.20 3.00 0.00	36.01 2.33 0.00	34.89 2.28 0.00
NYPA__ASTORIA_CC1 323568	31.18 1.48 0.00	25.36 1.00 0.00	25.13 0.83 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.79 1.30 0.00	28.21 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.85 -6.26	34.75 2.51 -0.27	36.26 2.69 -0.30	38.29 2.78 0.00	41.17 3.02 0.00	43.25 3.23 0.00	39.02 3.40 0.00	41.16 3.39 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.87 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.85 2.24 0.00
NYPA__ASTORIA_CC2 323569	31.18 1.48 0.00	25.36 1.00 0.00	25.13 0.83 0.00	24.10 0.81 0.00	24.23 0.81 0.00	26.64 1.02 0.00	26.79 1.30 0.00	28.21 1.62 0.00	29.89 1.84 0.00	27.79 1.84 0.00	33.32 1.85 -6.26	34.75 2.51 -0.27	36.26 2.69 -0.30	38.29 2.78 0.00	41.17 3.02 0.00	43.25 3.23 0.00	39.02 3.40 0.00	41.16 3.39 0.00	43.96 3.37 0.00	41.22 3.05 0.00	40.90 2.87 0.00	42.16 2.96 0.00	35.96 2.29 0.00	34.85 2.24 0.00
NYPA__HOLTSVILL 23794	32.10 1.68 -0.71	25.57 1.22 0.00	25.18 0.89 0.00	24.09 0.80 0.00	24.27 0.84 0.00	26.69 1.08 0.00	26.86 1.38 0.00	28.37 1.79 0.00	29.99 1.93 0.00	27.91 1.96 0.00	33.71 1.96 -6.53	34.40 2.44 0.00	35.99 2.72 0.00	38.35 2.83 0.00	41.14 3.00 0.00	43.18 3.16 0.00	38.88 3.26 0.00	41.12 3.36 0.00	43.85 3.26 0.00	41.27 3.09 0.00	41.94 3.14 -0.76	42.30 3.10 0.00	35.96 2.29 0.00	34.77 2.16 0.00
NYPA__HELLGATE_GT1 24158	31.20 1.49 0.00	25.38 1.03 0.00	25.15 0.86 0.00	24.15 0.85 0.00	24.26 0.83 0.00	26.68 1.05 0.00	26.81 1.33 0.00	28.20 1.62 0.00	29.86 1.80 0.00	27.76 1.80 0.00	33.28 1.80 -6.26	34.36 2.39 -0.01	35.83 2.56 0.00	38.16 2.64 0.00	41.04 2.89 0.00	43.14 3.11 0.00	38.87 3.25 0.00	41.04 3.27 0.00	43.84 3.25 0.00	41.14 2.97 0.00	40.83 2.80 0.00	42.09 2.89 0.00	35.91 2.23 0.00	34.83 2.22 0.00
NYPA__HELLGATE_GT2 24159	31.20 1.49 0.00	25.38 1.03 0.00	25.15 0.86 0.00	24.15 0.85 0.00	24.26 0.83 0.00	26.68 1.05 0.00	26.81 1.33 0.00	28.20 1.62 0.00	29.86 1.80 0.00	27.76 1.80 0.00	33.28 1.80 -6.26	34.36 2.39 -0.01	35.83 2.56 0.00	38.16 2.64 0.00	41.04 2.89 0.00	43.14 3.11 0.00	38.87 3.25 0.00	41.04 3.27 0.00	43.84 3.25 0.00	41.14 2.97 0.00	40.83 2.80 0.00	42.09 2.89 0.00	35.91 2.23 0.00	34.83 2.22 0.00
NYS_BARGE__HYD 23848	28.92 -0.79 0.00	23.48 -0.88 0.00	23.64 -0.66 0.00	22.58 -0.71 0.00	22.80 -0.62 0.00	24.92 -0.70 0.00	24.90 -0.58 0.00	26.08 -0.51 0.00	27.84 -0.22 0.00	25.67 -0.28 0.00	25.32 0.10 0.00	32.13 0.17 0.00	33.28 0.01 0.00	34.94 -0.48 0.10	36.63 -0.60 0.92	38.33 -0.60 1.09	34.50 -0.25 0.87	37.05 0.19 0.90	39.68 -0.16 0.75	37.46 -0.13 0.58	37.55 -0.49 0.00	39.35 0.15 0.00	33.95 0.28 0.00	32.62 0.01 0.00

OAK ORCHARD___HYD 24046	29.40 -0.30 0.00	23.93 -0.42 0.00	23.99 -0.31 0.00	22.95 -0.34 0.00	23.14 -0.29 0.00	25.32 -0.30 0.00	25.26 -0.22 0.00	26.43 -0.15 0.00	28.08 0.02 0.00	25.95 0.00 0.00	25.46 0.24 0.00	32.35 0.38 0.00	33.64 0.38 0.00	35.67 0.15 0.00	38.30 0.16 0.00	40.24 0.22 0.00	36.08 0.46 0.00	38.58 0.82 0.00	41.30 0.72 0.00	38.82 0.65 0.00	38.35 0.31 0.00	39.85 0.64 0.00	34.19 0.51 0.00	32.87 0.26 0.00
OAKDALE___35_KV_LOAD 356122	29.81 0.10 0.00	24.30 -0.05 0.00	24.25 -0.05 0.00	23.21 -0.08 0.00	23.39 -0.04 0.00	25.65 0.03 0.00	25.63 0.15 0.00	26.83 0.24 0.00	28.39 0.33 0.00	26.23 0.28 0.00	25.56 0.33 0.00	32.44 0.48 0.00	33.80 0.54 0.00	36.11 0.55 -0.04	39.05 0.52 -0.38	41.06 0.59 -0.45	36.79 0.81 -0.36	39.02 0.88 -0.37	41.72 0.83 -0.31	39.21 0.80 -0.24	38.65 0.61 0.00	40.00 0.79 0.00	34.23 0.56 0.00	33.01 0.40 0.00
OCC_CHEM___DRP 24175	28.49 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.53 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.65 0.00	25.30 -0.66 0.00	24.96 -0.26 0.00	31.69 -0.28 0.00	32.78 -0.49 0.00	34.45 -1.07 0.00	36.89 -1.26 0.00	38.69 -1.33 0.00	34.67 -0.94 0.00	37.23 -0.54 0.00	39.58 -1.01 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.59 -0.61 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
OH_GEN_PROXY 24063	28.54 -1.16 0.00	23.20 -1.16 0.00	23.37 -0.93 0.00	22.34 -0.95 0.00	22.56 -0.87 0.00	24.64 -0.98 0.00	24.59 -0.89 0.00	25.75 -0.83 0.00	27.48 -0.58 0.00	25.36 -0.60 0.00	25.01 -0.21 0.00	31.74 -0.23 0.00	32.85 -0.41 0.00	34.59 -0.93 0.00	37.08 -1.07 0.00	38.90 -1.13 0.00	34.87 -0.74 0.00	37.39 -0.38 0.00	39.79 -0.80 0.00	37.39 -0.78 0.00	36.93 -1.11 0.00	38.74 -0.47 0.00	33.42 -0.26 0.00	32.13 -0.48 0.00
OLIN_CORP_DRP 24177	28.48 -1.22 0.00	23.13 -1.22 0.00	23.31 -0.99 0.00	22.28 -1.02 0.00	22.49 -0.94 0.00	24.57 -1.05 0.00	24.53 -0.95 0.00	25.66 -0.92 0.00	27.41 -0.65 0.00	25.28 -0.68 0.00	24.93 -0.29 0.00	31.64 -0.33 0.00	32.74 -0.53 0.00	34.53 -1.10 -0.11	37.88 -1.30 -1.03	39.88 -1.36 -1.22	35.64 -0.96 -0.98	38.22 -0.56 -1.01	40.43 -0.99 -0.84	37.88 -0.94 -0.65	36.78 -1.26 0.00	38.61 -0.59 0.00	33.37 -0.30 0.00	32.10 -0.51 0.00
OLIN_CORP_DSASP 323712	28.48 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.52 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.64 0.00	25.30 -0.65 0.00	24.97 -0.25 0.00	31.69 -0.28 0.00	32.79 -0.48 0.00	34.44 -1.07 0.00	36.91 -1.24 0.00	38.72 -1.30 0.00	34.69 -0.92 0.00	37.24 -0.53 0.00	39.59 -0.99 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.60 -0.60 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
ONEIDA_HERK_LFGE 323681	30.03 0.33 0.00	24.62 0.27 0.00	24.57 0.27 0.00	23.54 0.25 0.00	23.69 0.27 0.00	25.97 0.35 0.00	25.90 0.42 0.00	27.01 0.43 0.00	28.48 0.43 0.00	26.29 0.33 0.00	25.49 0.27 0.00	32.25 0.28 0.00	33.53 0.26 0.00	35.79 0.28 0.00	38.51 0.36 0.00	40.34 0.32 0.00	19.89 0.42 16.14	38.37 0.60 0.00	41.35 0.77 0.00	39.00 0.83 0.00	38.81 0.77 0.00	39.77 0.57 0.00	33.89 0.21 0.00	32.78 0.17 0.00
ONEIDA___115KV_TB4 55905	30.35 0.65 0.00	24.82 0.47 0.00	24.74 0.44 0.00	23.71 0.41 0.00	23.86 0.43 0.00	26.16 0.54 0.00	26.13 0.65 0.00	27.30 0.72 0.00	28.81 0.75 0.00	26.53 0.58 0.00	25.73 0.51 0.00	32.61 0.64 0.00	33.97 0.71 0.00	36.30 0.79 0.00	39.13 0.99 0.00	41.03 1.01 0.00	29.96 1.15 6.80	39.04 1.28 0.00	42.07 1.48 0.00	39.65 1.48 0.00	39.50 1.46 0.00	40.63 1.43 0.00	34.71 1.03 0.00	33.51 0.90 0.00
ONONDAGA_REF_OCCRA 23987	29.61 -0.10 0.00	24.19 -0.16 0.00	24.12 -0.18 0.00	23.11 -0.19 0.00	23.27 -0.15 0.00	25.49 -0.13 0.00	25.40 -0.08 0.00	26.51 -0.08 0.00	28.00 -0.06 0.00	25.90 -0.06 0.00	25.21 -0.01 0.00	32.00 0.03 0.00	33.37 0.10 0.00	35.62 0.11 0.00	38.26 0.12 0.00	40.15 0.12 0.00	32.99 0.34 2.96	38.19 0.43 0.00	41.04 0.45 0.00	38.59 0.42 0.00	38.30 0.26 0.00	39.54 0.34 0.00	33.85 0.18 0.00	32.68 0.07 0.00
ONONDAGA___COGEN 23986	29.74 0.03 0.00	24.29 -0.07 0.00	24.21 -0.09 0.00	23.20 -0.09 0.00	23.36 -0.07 0.00	25.62 0.00 0.00	25.51 0.02 0.00	26.60 0.02 0.00	28.08 0.02 0.00	25.95 -0.01 0.00	25.25 0.03 0.00	32.06 0.09 0.00	33.43 0.16 0.00	35.68 0.16 0.00	38.32 0.17 0.00	40.23 0.21 0.00	33.36 0.42 2.67	38.29 0.52 0.00	41.16 0.57 0.00	38.72 0.55 0.00	38.43 0.39 0.00	39.65 0.45 0.00	33.94 0.26 0.00	32.77 0.16 0.00
ONTARIO___LFGE 23819	29.66 -0.04 0.00	24.12 -0.24 0.00	24.11 -0.18 0.00	23.05 -0.24 0.00	23.26 -0.17 0.00	25.53 -0.09 0.00	25.56 0.07 0.00	26.77 0.19 0.00	28.35 0.29 0.00	26.10 0.15 0.00	25.48 0.26 0.00	32.34 0.37 0.00	33.68 0.42 0.00	35.83 0.32 0.00	38.36 0.21 0.00	40.37 0.35 0.00	36.24 0.62 0.00	38.79 1.02 0.00	41.70 1.11 0.00	39.25 1.08 0.00	38.78 0.74 0.00	40.21 1.01 0.00	34.42 0.75 0.00	33.07 0.46 0.00
ORANGEVILLE_WT_PWR 323706	29.06 -0.65 0.00	23.54 -0.81 0.00	23.63 -0.66 0.00	22.54 -0.75 0.00	22.78 -0.65 0.00	25.02 -0.60 0.00	25.03 -0.45 0.00	26.25 -0.33 0.00	28.00 -0.05 0.00	25.83 -0.12 0.00	25.45 0.23 0.00	32.33 0.36 0.00	33.55 0.28 0.00	35.63 -0.04 -0.15	39.32 -0.17 -1.35	41.51 -0.11 -1.60	37.14 0.24 -1.28	39.66 0.57 -1.33	41.90 0.21 -1.10	39.23 0.21 -0.85	37.85 -0.19 0.00	39.66 0.46 0.00	34.11 0.44 0.00	32.69 0.08 0.00
ORANGEVILLE___ESR 323794	29.06 -0.65 0.00	23.54 -0.81 0.00	23.63 -0.66 0.00	22.54 -0.75 0.00	22.78 -0.65 0.00	25.02 -0.60 0.00	25.03 -0.45 0.00	26.25 -0.33 0.00	28.00 -0.05 0.00	25.83 -0.12 0.00	25.45 0.23 0.00	32.33 0.36 0.00	33.55 0.28 0.00	35.63 -0.04 -0.15	39.32 -0.17 -1.35	41.51 -0.11 -1.60	37.14 0.24 -1.28	39.66 0.57 -1.33	41.90 0.21 -1.10	39.23 0.21 -0.85	37.85 -0.19 0.00	39.66 0.46 0.00	34.11 0.44 0.00	32.69 0.08 0.00
OSWEGATCHIE___HYD 24044	28.98 -0.73 0.00	23.89 -0.47 0.00	23.90 -0.40 0.00	22.89 -0.40 0.00	23.01 -0.42 0.00	25.19 -0.43 0.00	25.00 -0.48 0.00	25.99 -0.59 0.00	27.34 -0.72 0.00	25.16 -0.80 0.00	24.43 -0.79 0.00	30.86 -1.11 0.00	31.93 -1.33 0.00	34.10 -1.42 0.00	36.63 -1.52 0.00	38.25 -1.78 0.00	-47.17 -2.01 80.78	36.13 -1.64 0.00	39.05 -1.54 0.00	37.05 -1.12 0.00	37.11 -0.92 0.00	37.75 -1.45 0.00	32.16 -1.51 0.00	31.12 -1.49 0.00
OSWEGO___5 23606	29.11 -0.59 0.00	23.82 -0.54 0.00	23.77 -0.53 0.00	22.78 -0.51 0.00	22.92 -0.51 0.00	25.08 -0.53 0.00	24.97 -0.51 0.00	26.03 -0.55 0.00	27.49 -0.57 0.00	25.42 -0.53 0.00	24.73 -0.50 0.00	31.36 -0.60 0.00	32.66 -0.60 0.00	34.84 -0.67 0.00	37.40 -0.75 0.00	39.25 -0.77 0.00	35.09 -0.52 0.00	37.27 -0.50 0.00	40.04 -0.55 0.00	37.69 -0.48 0.00	37.45 -0.58 0.00	38.66 -0.54 0.00	33.14 -0.53 0.00	32.05 -0.56 0.00

OSWEGO___6 23613	29.11 -0.59 0.00	23.82 -0.54 0.00	23.77 -0.53 0.00	22.78 -0.51 0.00	22.92 -0.51 0.00	25.08 -0.53 0.00	24.97 -0.51 0.00	26.03 -0.55 0.00	27.49 -0.57 0.00	25.42 -0.53 0.00	24.73 -0.50 0.00	31.36 -0.60 0.00	32.66 -0.60 0.00	34.84 -0.67 0.00	37.40 -0.75 0.00	39.25 -0.77 0.00	35.09 -0.52 0.00	37.27 -0.50 0.00	40.04 -0.55 0.00	37.69 -0.48 0.00	37.45 -0.58 0.00	38.66 -0.54 0.00	33.14 -0.53 0.00	32.05 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	29.12 -0.58 0.00	23.63 -0.73 0.00	23.77 -0.52 0.00	22.71 -0.58 0.00	22.94 -0.49 0.00	25.08 -0.53 0.00	25.05 -0.43 0.00	26.25 -0.33 0.00	28.05 -0.01 0.00	25.91 -0.05 0.00	25.56 0.34 0.00	32.49 0.52 0.00	33.64 0.38 0.00	35.55 -0.06 -0.10	38.87 -0.17 -0.90	40.93 -0.15 -1.07	36.63 0.16 -0.85	39.27 0.61 -0.89	41.57 0.25 -0.73	38.97 0.23 -0.57	37.85 -0.18 0.00	39.68 0.47 0.00	34.21 0.53 0.00	32.85 0.24 0.00
OXBOW___BTM 323836	28.82 -0.88 0.00	23.40 -0.96 0.00	23.56 -0.74 0.00	22.51 -0.78 0.00	22.73 -0.70 0.00	24.84 -0.78 0.00	24.79 -0.69 0.00	25.98 -0.61 0.00	27.75 -0.31 0.00	25.62 -0.33 0.00	25.30 0.08 0.00	32.12 0.16 0.00	33.27 0.01 0.00	35.07 -0.51 -0.06	38.12 -0.63 -0.60	40.09 -0.65 -0.71	35.88 -0.30 -0.57	38.49 0.13 -0.59	40.79 -0.28 -0.49	38.26 -0.29 -0.38	37.37 -0.67 0.00	39.20 0.00 0.00	33.83 0.16 0.00	32.50 -0.10 0.00
OXBOW____ 24026	28.82 -0.88 0.00	23.40 -0.96 0.00	23.56 -0.74 0.00	22.51 -0.78 0.00	22.73 -0.70 0.00	24.84 -0.78 0.00	24.80 -0.68 0.00	25.98 -0.61 0.00	27.75 -0.31 0.00	25.62 -0.33 0.00	25.29 0.06 0.00	32.12 0.16 0.00	33.27 0.00 0.00	35.07 -0.51 -0.06	38.10 -0.65 -0.60	40.07 -0.67 -0.71	35.87 -0.32 -0.57	38.47 0.11 -0.59	40.79 -0.29 -0.49	38.25 -0.30 -0.38	37.37 -0.67 0.00	39.20 0.00 0.00	33.83 0.16 0.00	32.51 -0.10 0.00
OXY_CHEM_DSASP 323612	28.49 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.53 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.65 0.00	25.30 -0.66 0.00	24.96 -0.26 0.00	31.69 -0.28 0.00	32.78 -0.49 0.00	34.45 -1.07 0.00	36.89 -1.26 0.00	38.69 -1.33 0.00	34.67 -0.94 0.00	37.23 -0.54 0.00	39.58 -1.01 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.59 -0.61 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
OZONE_PARK_ESR 323760	31.48 1.78 0.00	25.58 1.22 0.00	25.36 1.06 0.00	24.28 0.99 0.00	24.42 1.00 0.00	26.85 1.23 0.00	27.00 1.52 0.00	28.45 1.87 0.00	30.16 2.10 0.00	28.03 2.08 0.00	33.57 2.10 -6.25	34.80 2.83 0.00	36.32 3.05 0.00	38.71 3.19 0.00	41.58 3.43 0.00	43.76 3.74 0.00	39.48 3.87 0.00	41.66 3.90 0.00	44.52 3.93 0.00	41.69 3.52 0.00	41.37 3.34 0.00	42.66 3.46 0.00	36.38 2.71 0.00	35.22 2.61 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	28.49 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.53 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.65 0.00	25.30 -0.66 0.00	24.96 -0.26 0.00	31.69 -0.28 0.00	32.78 -0.49 0.00	34.45 -1.07 0.00	36.89 -1.26 0.00	38.69 -1.33 0.00	34.67 -0.94 0.00	37.23 -0.54 0.00	39.58 -1.01 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.59 -0.61 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
PACKARD___115KV_DUPONT_184 80571	28.49 -1.22 0.00	23.14 -1.21 0.00	23.33 -0.97 0.00	22.30 -0.99 0.00	22.51 -0.91 0.00	24.58 -1.04 0.00	24.53 -0.96 0.00	25.67 -0.91 0.00	27.41 -0.65 0.00	25.30 -0.66 0.00	24.96 -0.26 0.00	31.69 -0.28 0.00	32.78 -0.49 0.00	34.45 -1.07 0.00	36.89 -1.26 0.00	38.69 -1.33 0.00	34.67 -0.94 0.00	37.23 -0.54 0.00	39.58 -1.01 0.00	37.21 -0.96 0.00	36.76 -1.28 0.00	38.59 -0.61 0.00	33.37 -0.31 0.00	32.10 -0.51 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	31.16 1.46 0.00	25.36 1.01 0.00	25.14 0.84 0.00	24.12 0.83 0.00	24.25 0.82 0.00	26.65 1.04 0.00	26.78 1.30 0.00	28.17 1.59 0.00	29.82 1.76 0.00	27.71 1.75 0.00	33.23 1.75 -6.25	34.31 2.34 0.00	35.78 2.51 0.00	38.15 2.63 0.00	41.03 2.88 0.00	43.12 3.10 0.00	38.85 3.23 0.00	41.00 3.23 0.00	43.82 3.23 0.00	41.14 2.96 0.00	40.84 2.80 0.00	42.08 2.88 0.00	35.89 2.22 0.00	34.78 2.18 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	31.24 1.53 0.00	25.45 1.09 0.00	25.23 0.94 0.00	24.22 0.93 0.00	24.37 0.94 0.00	26.78 1.16 0.00	26.92 1.44 0.00	28.30 1.72 0.00	29.97 1.91 0.00	27.81 1.85 0.00	33.31 1.83 -6.25	34.41 2.44 0.00	35.83 2.56 0.00	38.16 2.64 0.00	41.14 3.00 0.00	43.23 3.21 0.00	38.97 3.36 0.00	41.04 3.27 0.00	43.91 3.32 0.00	41.24 3.07 0.00	40.97 2.94 0.00	42.26 3.06 0.00	36.03 2.36 0.00	34.93 2.32 0.00
PATROON___115KV_TB1 80586	30.12 0.42 0.00	24.66 0.31 0.00	24.56 0.26 0.00	23.57 0.28 0.00	23.70 0.28 0.00	25.95 0.33 0.00	25.98 0.50 0.00	27.15 0.56 0.00	28.61 0.55 0.00	26.45 0.50 0.00	26.62 0.39 -1.02	32.46 0.50 0.00	33.87 0.60 0.00	36.15 0.63 0.00	38.79 0.64 0.00	40.78 0.76 0.00	36.62 1.00 0.00	38.65 0.89 0.00	41.57 0.98 0.00	39.19 1.02 0.00	39.07 1.04 0.00	40.24 1.04 0.00	34.37 0.69 0.00	33.33 0.73 0.00
PATTRSNVILLE___SOLAR 323815	30.65 0.95 0.00	25.06 0.70 0.00	24.97 0.67 0.00	23.93 0.64 0.00	24.08 0.65 0.00	26.37 0.75 0.00	26.34 0.86 0.00	27.45 0.86 0.00	28.74 0.68 0.00	26.38 0.43 0.00	25.58 0.35 0.00	32.48 0.51 0.00	33.82 0.55 0.00	36.23 0.72 0.00	39.27 1.13 0.00	41.61 1.59 0.00	37.14 1.52 0.00	39.26 1.50 0.00	42.28 1.70 0.00	39.85 1.68 0.00	39.72 1.68 0.00	40.94 1.74 0.00	35.01 1.34 0.00	33.88 1.28 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.32 -0.38 0.00	23.78 -0.58 0.00	23.90 -0.40 0.00	22.83 -0.46 0.00	23.06 -0.37 0.00	25.27 -0.35 0.00	25.25 -0.23 0.00	26.49 -0.09 0.00	28.32 0.26 0.00	26.14 0.19 0.00	25.77 0.54 0.00	32.73 0.77 0.00	33.93 0.66 0.00	36.18 0.36 -0.31	41.25 0.21 -2.90	43.74 0.30 -3.42	38.96 0.60 -2.74	41.64 1.03 -2.85	43.60 0.65 -2.36	40.57 0.57 -1.82	38.25 0.21 0.00	40.08 0.88 0.00	34.45 0.77 0.00	33.03 0.42 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.17 1.47 0.00	25.35 0.99 0.00	25.14 0.84 0.00	24.09 0.80 0.00	24.23 0.81 0.00	26.62 1.00 0.00	26.74 1.26 0.00	28.15 1.56 0.00	29.81 1.76 0.00	27.67 1.71 0.00	28.99 1.72 -2.05	34.27 2.31 0.00	35.82 2.55 0.00	38.22 2.70 0.00	41.09 2.94 0.00	43.23 3.22 0.00	38.99 3.37 0.00	41.21 3.44 0.00	44.09 3.50 0.00	41.34 3.16 0.00	41.00 2.96 0.00	42.22 3.02 0.00	35.97 2.30 0.00	34.79 2.18 0.00
PEEKSKILL____ 23653	30.88 1.18 0.00	25.12 0.76 0.00	24.91 0.61 0.00	23.88 0.59 0.00	24.02 0.60 0.00	26.39 0.77 0.00	26.51 1.03 0.00	27.89 1.31 0.00	29.54 1.48 0.00	27.42 1.46 0.00	34.04 1.48 -7.35	33.96 1.99 0.00	35.46 2.20 0.00	37.80 2.29 0.00	40.61 2.46 0.00	42.70 2.68 0.00	38.50 2.88 0.00	40.67 2.91 0.00	43.54 2.95 0.00	40.81 2.64 0.00	40.50 2.46 0.00	41.71 2.50 0.00	35.56 1.89 0.00	34.46 1.85 0.00

PGE MADISON___WINDPWR 24146	31.61 1.90 0.00	25.71 1.35 0.00	25.68 1.39 0.00	24.57 1.28 0.00	24.80 1.37 0.00	27.24 1.62 0.00	27.32 1.84 0.00	28.65 2.07 0.00	30.25 2.19 0.00	27.64 1.69 0.00	26.94 1.72 0.00	33.90 1.94 0.00	35.34 2.07 0.00	37.72 2.21 0.00	40.28 2.14 0.00	42.19 2.17 0.00	38.01 2.39 0.00	40.86 3.10 0.00	44.04 3.46 0.00	41.71 3.54 0.00	41.53 3.49 0.00	42.92 3.71 0.00	36.58 2.91 0.00	35.18 2.57 0.00
PIERCEFIELD___HYD 23852	29.09 -0.61 0.00	24.03 -0.33 0.00	24.04 -0.26 0.00	23.03 -0.26 0.00	23.14 -0.29 0.00	25.25 -0.36 0.00	24.99 -0.49 0.00	25.96 -0.62 0.00	27.31 -0.75 0.00	25.11 -0.84 0.00	24.46 -0.76 0.00	30.92 -1.05 0.00	31.96 -1.31 0.00	34.17 -1.34 0.00	36.77 -1.38 0.00	38.34 -1.68 0.00	-85.82 -2.43 119.00	35.55 -2.21 0.00	38.44 -2.15 0.00	36.34 -1.84 0.00	36.71 -1.33 0.00	37.57 -1.64 0.00	32.28 -1.39 0.00	31.21 -1.40 0.00
PINELAWN_CC_1 323563	32.32 1.90 -0.71	25.69 1.34 0.00	25.34 1.04 0.00	24.23 0.94 0.00	24.40 0.98 0.00	26.85 1.23 0.00	27.00 1.52 0.00	28.53 1.95 0.00	30.17 2.11 0.00	28.05 2.09 0.00	33.89 2.14 -6.53	34.47 2.51 0.00	35.92 2.65 0.00	38.20 2.68 0.00	40.89 2.74 0.00	43.02 3.00 0.00	38.74 3.13 0.00	40.95 3.19 0.00	43.73 3.14 0.00	41.05 2.88 0.00	41.82 3.01 -0.76	42.39 3.19 0.00	36.36 2.69 0.00	35.12 2.51 0.00
PJM_GEN_HTP_PROXY 323702	31.10 1.39 0.00	25.26 0.91 0.00	25.05 0.75 0.00	24.00 0.71 0.00	24.14 0.72 0.00	26.54 0.92 0.00	26.68 1.20 0.00	28.10 1.52 0.00	29.79 1.73 0.00	27.69 1.73 0.00	33.24 1.76 -6.26	34.35 2.38 0.00	35.86 2.59 0.00	42.69 2.68 -4.50	41.02 2.87 0.00	43.15 3.13 0.00	38.92 3.30 0.00	41.06 3.30 0.00	43.87 3.29 0.00	41.09 2.92 0.00	40.76 2.73 0.00	40.68 2.82 1.34	35.84 2.16 0.00	34.73 2.12 0.00
PJM_GEN_KEystone 24065	29.72 0.02 0.00	24.14 -0.22 0.00	24.08 -0.22 0.00	23.04 -0.25 0.00	23.22 -0.20 0.00	25.51 -0.11 0.00	25.59 0.10 0.00	26.90 0.32 0.00	28.58 0.52 0.00	26.44 0.49 0.00	16.01 0.63 9.84	32.85 0.89 0.00	34.24 0.97 0.00	40.98 0.90 -4.56	39.64 0.90 -0.59	41.76 1.03 -0.70	37.57 1.39 -0.56	39.82 1.48 -0.58	42.37 1.30 -0.48	39.63 1.09 -0.37	38.80 0.76 0.00	38.90 1.04 1.34	34.44 0.76 0.00	33.20 0.59 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.81 1.56 -0.55	25.42 1.07 0.00	25.11 0.81 0.00	24.02 0.73 0.00	24.19 0.76 0.00	26.60 0.98 0.00	26.74 1.26 0.00	28.21 1.63 0.00	29.83 1.77 0.00	27.73 1.78 0.00	33.49 1.84 -6.42	34.30 2.33 0.00	35.83 2.57 0.00	42.65 2.64 -4.50	40.95 2.80 0.00	43.03 3.01 0.00	38.77 3.16 0.00	40.95 3.19 0.00	43.74 3.15 0.00	41.04 2.87 0.00	41.45 2.82 -0.59	40.76 2.89 1.34	35.89 2.21 0.00	34.70 2.09 0.00
PJM_GEN_VFT_PROXY 323633	31.01 1.30 0.00	25.19 0.84 0.00	24.99 0.69 0.00	23.95 0.66 0.00	24.09 0.66 0.00	26.47 0.85 0.00	26.59 1.11 0.00	28.00 1.42 0.00	29.68 1.62 0.00	27.58 1.62 0.00	33.13 1.65 -6.25	34.23 2.27 0.00	35.75 2.49 0.00	42.58 2.57 -4.50	40.90 2.76 0.00	42.98 2.96 0.00	38.79 3.17 0.00	40.92 3.16 0.00	43.74 3.15 0.00	40.94 2.77 0.00	40.63 2.59 0.00	40.51 2.64 1.34	35.73 2.05 0.00	34.64 2.04 0.00
PLATSBURG_115KV_PMLD1 355749	30.59 0.88 0.00	25.15 0.79 0.00	25.20 0.90 0.00	24.14 0.85 0.00	24.36 0.93 0.00	26.65 1.03 0.00	26.46 0.97 0.00	27.44 0.86 0.00	29.03 0.97 0.00	26.79 0.83 0.00	26.26 1.04 0.00	33.45 1.49 0.00	34.66 1.39 0.00	36.94 1.42 0.00	39.37 1.23 0.00	40.81 0.78 0.00	25.71 -0.02 9.89	37.56 -0.20 0.00	40.80 0.21 0.00	38.64 0.47 0.00	38.38 0.35 0.00	39.28 0.08 0.00	33.79 0.12 0.00	31.65 -0.96 0.00
PLEASANTVLY___LBMP 24000	30.73 1.03 0.00	25.02 0.67 0.00	24.84 0.54 0.00	23.81 0.52 0.00	23.95 0.52 0.00	26.29 0.67 0.00	26.39 0.91 0.00	27.73 1.14 0.00	29.33 1.27 0.00	27.19 1.24 0.00	29.10 1.22 -2.66	33.61 1.64 0.00	35.08 1.81 0.00	37.39 1.88 0.00	40.14 1.99 0.00	42.20 2.18 0.00	38.01 2.40 0.00	40.16 2.40 0.00	43.04 2.45 0.00	40.42 2.25 0.00	40.15 2.11 0.00	41.37 2.17 0.00	35.30 1.62 0.00	34.22 1.61 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.98 1.27 0.00	25.19 0.84 0.00	24.99 0.69 0.00	23.95 0.66 0.00	24.09 0.66 0.00	26.46 0.84 0.00	26.59 1.10 0.00	27.97 1.39 0.00	29.62 1.56 0.00	27.51 1.55 0.00	31.59 1.55 -4.81	34.05 2.08 0.00	35.56 2.29 0.00	37.91 2.39 0.00	40.72 2.57 0.00	42.82 2.80 0.00	38.60 2.99 0.00	40.77 3.01 0.00	43.64 3.05 0.00	40.91 2.74 0.00	40.61 2.57 0.00	41.83 2.63 0.00	35.67 1.99 0.00	34.55 1.94 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.98 1.27 0.00	25.19 0.84 0.00	24.99 0.69 0.00	23.95 0.66 0.00	24.09 0.66 0.00	26.46 0.84 0.00	26.59 1.10 0.00	27.97 1.39 0.00	29.62 1.56 0.00	27.51 1.55 0.00	31.59 1.55 -4.81	34.05 2.08 0.00	35.56 2.29 0.00	37.91 2.39 0.00	40.72 2.57 0.00	42.82 2.80 0.00	38.60 2.99 0.00	40.77 3.01 0.00	43.64 3.05 0.00	40.91 2.74 0.00	40.61 2.57 0.00	41.83 2.63 0.00	35.67 1.99 0.00	34.55 1.94 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.96 1.26 0.00	25.18 0.83 0.00	24.99 0.69 0.00	23.95 0.66 0.00	24.10 0.67 0.00	26.46 0.84 0.00	26.56 1.08 0.00	27.94 1.35 0.00	29.55 1.50 0.00	27.39 1.44 0.00	27.80 1.42 -1.16	33.88 1.91 0.00	35.38 2.11 0.00	37.76 2.24 0.00	40.57 2.43 0.00	42.71 2.69 0.00	38.51 2.90 0.00	40.74 2.97 0.00	43.63 3.05 0.00	40.94 2.77 0.00	40.64 2.61 0.00	41.85 2.65 0.00	35.66 1.99 0.00	34.50 1.89 0.00
POLETTI___ 23519	31.07 1.36 0.00	25.25 0.90 0.00	25.04 0.74 0.00	23.99 0.70 0.00	24.13 0.71 0.00	26.52 0.90 0.00	26.66 1.18 0.00	28.08 1.50 0.00	29.77 1.71 0.00	27.67 1.71 0.00	33.21 1.74 -6.25	34.32 2.36 0.00	35.83 2.56 0.00	38.17 2.66 0.00	41.00 2.86 0.00	43.12 3.10 0.00	38.89 3.28 0.00	41.03 3.27 0.00	43.83 3.25 0.00	41.05 2.88 0.00	40.73 2.69 0.00	41.98 2.78 0.00	35.82 2.14 0.00	34.71 2.10 0.00
POMONA___ESR 323819	30.88 1.17 0.00	25.11 0.75 0.00	24.90 0.60 0.00	23.86 0.57 0.00	24.00 0.58 0.00	26.37 0.75 0.00	26.50 1.01 0.00	27.87 1.28 0.00	29.53 1.47 0.00	27.42 1.47 0.00	17.40 1.48 9.31	33.99 2.02 0.00	35.52 2.25 0.00	37.88 2.37 0.00	40.71 2.56 0.00	42.80 2.78 0.00	38.61 2.99 0.00	40.79 3.03 0.00	43.66 3.07 0.00	40.90 2.72 0.00	40.55 2.52 0.00	41.73 2.53 0.00	35.59 1.91 0.00	34.47 1.86 0.00
PORT_JEFF_3 23555	32.20 1.78 -0.71	25.64 1.28 0.00	25.25 0.95 0.00	24.16 0.87 0.00	24.33 0.91 0.00	26.76 1.15 0.00	26.94 1.46 0.00	28.45 1.87 0.00	30.08 2.03 0.00	28.00 2.05 0.00	33.79 2.04 -6.53	34.49 2.53 0.00	36.09 2.82 0.00	38.46 2.95 0.00	41.23 3.09 0.00	43.18 3.16 0.00	38.86 3.24 0.00	41.09 3.32 0.00	43.74 3.16 0.00	41.21 3.03 0.00	41.89 3.09 -0.76	42.24 3.03 0.00	35.94 2.26 0.00	34.81 2.21 0.00

PORT_JEFF_4 23616	32.20 1.78 -0.71	25.64 1.28 0.00	25.25 0.95 0.00	24.16 0.87 0.00	24.33 0.91 0.00	26.76 1.15 0.00	26.94 1.46 0.00	28.45 1.87 0.00	30.08 2.03 0.00	28.00 2.05 0.00	33.79 2.04 -6.53	34.49 2.53 0.00	36.09 2.82 0.00	38.46 2.95 0.00	41.23 3.09 0.00	43.18 3.16 0.00	38.86 3.24 0.00	41.09 3.32 0.00	43.74 3.16 0.00	41.21 3.03 0.00	41.89 3.09 -0.76	42.24 3.03 0.00	35.94 2.26 0.00	34.81 2.21 0.00
PORT_JEFF_IC 23713	32.22 1.81 -0.71	25.66 1.31 0.00	25.27 0.97 0.00	24.17 0.88 0.00	24.34 0.92 0.00	26.78 1.16 0.00	26.95 1.47 0.00	28.47 1.89 0.00	30.11 2.05 0.00	28.04 2.08 0.00	33.83 2.08 -6.53	34.55 2.59 0.00	36.16 2.89 0.00	38.55 3.03 0.00	41.37 3.22 0.00	43.36 3.34 0.00	39.01 3.40 0.00	41.23 3.46 0.00	43.77 3.18 0.00	41.32 3.15 0.00	42.05 3.25 -0.76	42.38 3.18 0.00	36.03 2.36 0.00	34.88 2.27 0.00
PPL_PILGRIM_ST_GT1 24216	32.45 2.03 -0.71	25.83 1.47 0.00	25.44 1.14 0.00	24.34 1.05 0.00	24.51 1.09 0.00	26.97 1.35 0.00	27.14 1.66 0.00	28.67 2.09 0.00	30.31 2.25 0.00	28.19 2.23 0.00	34.02 2.27 -6.53	34.79 2.83 0.00	36.39 3.12 0.00	38.75 3.24 0.00	41.51 3.36 0.00	43.63 3.61 0.00	39.28 3.66 0.00	41.52 3.75 0.00	44.33 3.75 0.00	41.66 3.48 0.00	42.31 3.50 -0.76	42.77 3.56 0.00	36.42 2.75 0.00	35.16 2.56 0.00
PPL_PILGRIM_ST_GT2 24217	32.45 2.03 -0.71	25.83 1.47 0.00	25.44 1.14 0.00	24.34 1.05 0.00	24.51 1.09 0.00	26.97 1.35 0.00	27.14 1.66 0.00	28.67 2.09 0.00	30.31 2.25 0.00	28.19 2.23 0.00	34.02 2.27 -6.53	34.79 2.83 0.00	36.39 3.12 0.00	38.75 3.24 0.00	41.51 3.36 0.00	43.63 3.61 0.00	39.28 3.66 0.00	41.52 3.75 0.00	44.33 3.75 0.00	41.66 3.48 0.00	42.31 3.50 -0.76	42.77 3.56 0.00	36.42 2.75 0.00	35.16 2.56 0.00
PPL_SHRM_GT3 24213	31.92 1.50 -0.71	25.42 1.06 0.00	25.02 0.72 0.00	23.93 0.63 0.00	24.10 0.68 0.00	26.51 0.90 0.00	26.70 1.22 0.00	28.20 1.61 0.00	29.81 1.75 0.00	27.77 1.81 0.00	33.56 1.81 -6.53	34.23 2.26 0.00	35.84 2.57 0.00	38.24 2.73 0.00	41.10 2.95 0.00	43.03 3.01 0.00	38.79 3.18 0.00	41.09 3.32 0.00	43.84 3.25 0.00	41.25 3.08 0.00	42.00 3.20 -0.76	42.30 3.09 0.00	35.90 2.23 0.00	34.67 2.06 0.00
PPL_SHRM_GT4 24214	31.92 1.50 -0.71	25.42 1.06 0.00	25.02 0.72 0.00	23.93 0.63 0.00	24.10 0.68 0.00	26.51 0.90 0.00	26.70 1.22 0.00	28.20 1.61 0.00	29.81 1.75 0.00	27.77 1.81 0.00	33.56 1.81 -6.53	34.23 2.26 0.00	35.84 2.57 0.00	38.24 2.73 0.00	41.10 2.95 0.00	43.03 3.01 0.00	38.79 3.18 0.00	41.09 3.32 0.00	43.84 3.25 0.00	41.25 3.08 0.00	42.00 3.20 -0.76	42.30 3.09 0.00	35.90 2.23 0.00	34.67 2.06 0.00
PROJECT___ORANGE 1 24174	29.50 -0.21 0.00	24.10 -0.26 0.00	24.03 -0.26 0.00	23.03 -0.26 0.00	23.19 -0.23 0.00	25.40 -0.22 0.00	25.32 -0.17 0.00	26.41 -0.17 0.00	27.91 -0.14 0.00	25.82 -0.14 0.00	25.14 -0.08 0.00	31.90 -0.06 0.00	33.27 0.00 0.00	35.51 -0.01 0.00	38.13 -0.02 0.00	40.00 -0.02 0.00	32.52 0.20 3.30	38.05 0.28 0.00	40.86 0.28 0.00	38.44 0.27 0.00	38.14 0.11 0.00	39.40 0.20 0.00	33.73 0.05 0.00	32.58 -0.03 0.00
PROJECT___ORANGE 2 24166	29.50 -0.21 0.00	24.10 -0.26 0.00	24.03 -0.26 0.00	23.03 -0.26 0.00	23.19 -0.23 0.00	25.40 -0.22 0.00	25.32 -0.17 0.00	26.41 -0.17 0.00	27.91 -0.14 0.00	25.82 -0.14 0.00	25.14 -0.08 0.00	31.90 -0.06 0.00	33.27 0.00 0.00	35.51 -0.01 0.00	38.13 -0.02 0.00	40.00 -0.02 0.00	32.52 0.20 3.30	38.05 0.28 0.00	40.86 0.28 0.00	38.44 0.27 0.00	38.14 0.11 0.00	39.40 0.20 0.00	33.73 0.05 0.00	32.58 -0.03 0.00
PUCKETT___SOLAR 323809	30.25 0.54 0.00	24.65 0.29 0.00	24.59 0.29 0.00	23.53 0.24 0.00	23.72 0.29 0.00	26.03 0.41 0.00	26.03 0.55 0.00	27.26 0.68 0.00	28.79 0.73 0.00	26.50 0.54 0.00	25.80 0.57 0.00	32.70 0.73 0.00	34.03 0.76 0.00	36.50 0.99 0.00	38.96 0.81 0.00	40.98 0.96 0.00	36.71 1.09 0.00	38.99 1.23 0.00	41.94 1.36 0.00	39.60 1.42 0.00	39.32 1.28 0.00	40.64 1.44 0.00	34.75 1.08 0.00	33.50 0.89 0.00
PYRITES___HYD 24023	29.86 0.16 0.00	24.65 0.29 0.00	24.66 0.36 0.00	23.64 0.35 0.00	23.75 0.32 0.00	25.92 0.30 0.00	25.66 0.18 0.00	26.64 0.05 0.00	27.93 -0.13 0.00	25.60 -0.35 0.00	24.84 -0.38 0.00	31.34 -0.63 0.00	32.38 -0.89 0.00	34.62 -0.90 0.00	37.31 -0.84 0.00	38.89 -1.13 0.00	-92.42 -1.97 126.07	36.18 -1.59 0.00	39.24 -1.34 0.00	37.34 -0.83 0.00	37.82 -0.21 0.00	38.74 -0.47 0.00	33.27 -0.40 0.00	32.14 -0.47 0.00
QUAKERRD_115KV_BK1 80622	28.84 -0.86 0.00	23.50 -0.86 0.00	23.53 -0.77 0.00	22.52 -0.77 0.00	22.69 -0.73 0.00	24.84 -0.78 0.00	24.78 -0.70 0.00	25.91 -0.67 0.00	27.49 -0.56 0.00	25.42 -0.53 0.00	24.90 -0.33 0.00	31.62 -0.34 0.00	32.90 -0.36 0.00	34.93 -0.58 0.00	37.52 -0.63 0.00	39.41 -0.61 0.00	35.32 -0.30 0.00	37.74 -0.02 0.00	40.45 -0.14 0.00	38.01 -0.16 0.00	37.58 -0.46 0.00	38.97 -0.23 0.00	33.41 -0.26 0.00	32.15 -0.45 0.00
QUEENSBRY_115KV_TB8 356137	31.97 2.27 0.00	25.95 1.59 0.00	25.88 1.59 0.00	24.82 1.53 0.00	25.03 1.61 0.00	27.41 1.80 0.00	27.47 1.98 0.00	28.81 2.23 0.00	30.25 2.19 0.00	27.72 1.77 0.00	27.59 1.39 -0.98	33.84 1.88 0.00	35.20 1.93 0.00	37.52 2.00 0.00	40.57 2.43 0.00	43.15 3.13 0.00	38.66 3.05 0.00	40.98 3.22 0.00	44.68 4.09 0.00	42.14 3.96 0.00	42.16 4.12 0.00	43.32 4.11 0.00	36.83 3.16 0.00	35.70 3.09 0.00
RAMAPO___LBMP 323565	30.74 1.04 0.00	25.01 0.66 0.00	24.80 0.51 0.00	23.78 0.49 0.00	23.92 0.49 0.00	26.28 0.66 0.00	26.39 0.91 0.00	27.76 1.17 0.00	29.40 1.34 0.00	27.29 1.34 0.00	17.63 1.35 8.94	33.79 1.83 0.00	35.30 2.04 0.00	37.65 2.13 0.00	40.45 2.30 0.00	42.53 2.51 0.00	38.34 2.73 0.00	40.52 2.75 0.00	43.39 2.80 0.00	40.66 2.49 0.00	40.32 2.28 0.00	41.50 2.30 0.00	35.41 1.73 0.00	34.30 1.69 0.00
RANKINE____ 23646	29.22 -0.48 0.00	23.70 -0.65 0.00	23.84 -0.46 0.00	22.76 -0.53 0.00	22.99 -0.44 0.00	25.17 -0.44 0.00	25.16 -0.33 0.00	26.39 -0.20 0.00	28.19 0.13 0.00	26.02 0.07 0.00	25.67 0.44 0.00	32.62 0.66 0.00	33.81 0.54 0.00	36.07 0.18 -0.37	41.68 0.07 -3.45	44.25 0.15 -4.09	39.33 0.45 -3.27	42.04 0.88 -3.39	43.90 0.50 -2.81	40.79 0.44 -2.17	38.08 0.04 0.00	39.91 0.71 0.00	34.36 0.68 0.00	32.94 0.33 0.00
RAVENSWOOD_GT2_1 24244	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.77 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.89 2.63 0.00	38.25 2.73 0.00	41.08 2.93 0.00	43.19 3.17 0.00	38.96 3.34 0.00	41.11 3.35 0.00	43.94 3.35 0.00	41.16 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.91 2.24 0.00	34.78 2.18 0.00



RAVENSWOOD_GT2_2 24245	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.77 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.89 2.63 0.00	38.25 2.73 0.00	41.08 2.93 0.00	43.19 3.17 0.00	38.96 3.34 0.00	41.11 3.35 0.00	43.94 3.35 0.00	41.16 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.91 2.24 0.00	34.78 2.18 0.00
RAVENSWOOD_GT2_3 24246	31.15 1.45 0.00	25.32 0.96 0.00	25.10 0.80 0.00	24.06 0.76 0.00	24.20 0.77 0.00	26.59 0.97 0.00	26.73 1.25 0.00	28.15 1.57 0.00	29.83 1.77 0.00	27.73 1.77 0.00	33.27 1.79 -6.25	34.39 2.42 0.00	35.90 2.63 0.00	38.25 2.73 0.00	41.09 2.94 0.00	43.20 3.18 0.00	38.96 3.35 0.00	41.12 3.36 0.00	43.95 3.36 0.00	41.17 3.00 0.00	40.85 2.81 0.00	42.10 2.90 0.00	35.92 2.25 0.00	34.79 2.18 0.00
RAVENSWOOD_GT2_4 24247	31.15 1.45 0.00	25.32 0.96 0.00	25.10 0.80 0.00	24.06 0.76 0.00	24.20 0.77 0.00	26.59 0.97 0.00	26.73 1.25 0.00	28.15 1.57 0.00	29.83 1.77 0.00	27.73 1.77 0.00	33.27 1.79 -6.25	34.39 2.42 0.00	35.90 2.63 0.00	38.25 2.73 0.00	41.09 2.94 0.00	43.20 3.18 0.00	38.96 3.35 0.00	41.12 3.36 0.00	43.95 3.36 0.00	41.17 3.00 0.00	40.85 2.81 0.00	42.10 2.90 0.00	35.92 2.25 0.00	34.79 2.18 0.00
RAVENSWOOD_GT3_1 24248	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.77 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.89 2.63 0.00	38.25 2.73 0.00	41.08 2.93 0.00	43.19 3.17 0.00	38.96 3.34 0.00	41.11 3.35 0.00	43.94 3.35 0.00	41.17 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.91 2.24 0.00	34.78 2.18 0.00
RAVENSWOOD_GT3_2 24249	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.77 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.89 2.63 0.00	38.25 2.73 0.00	41.08 2.93 0.00	43.19 3.17 0.00	38.96 3.34 0.00	41.11 3.35 0.00	43.94 3.35 0.00	41.17 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.91 2.24 0.00	34.78 2.18 0.00
RAVENSWOOD_GT3_3 24250	31.19 1.49 0.00	25.35 1.00 0.00	25.13 0.83 0.00	24.08 0.80 0.00	24.23 0.80 0.00	26.62 1.00 0.00	26.77 1.28 0.00	28.19 1.61 0.00	29.89 1.83 0.00	27.77 1.82 0.00	33.32 1.84 -6.25	34.45 2.49 0.00	35.96 2.70 0.00	38.32 2.80 0.00	41.16 3.02 0.00	43.28 3.26 0.00	39.04 3.43 0.00	41.20 3.43 0.00	44.02 3.43 0.00	41.25 3.07 0.00	40.92 2.88 0.00	42.16 2.96 0.00	35.97 2.30 0.00	34.85 2.24 0.00
RAVENSWOOD_GT3_4 24251	31.19 1.49 0.00	25.35 1.00 0.00	25.13 0.83 0.00	24.08 0.80 0.00	24.23 0.80 0.00	26.62 1.00 0.00	26.77 1.28 0.00	28.19 1.61 0.00	29.89 1.83 0.00	27.77 1.82 0.00	33.32 1.84 -6.25	34.45 2.49 0.00	35.96 2.70 0.00	38.32 2.80 0.00	41.16 3.02 0.00	43.28 3.26 0.00	39.04 3.43 0.00	41.20 3.43 0.00	44.02 3.43 0.00	41.25 3.07 0.00	40.92 2.88 0.00	42.16 2.96 0.00	35.97 2.30 0.00	34.85 2.24 0.00
RAVENSWOOD_GT_1 23729	31.21 1.51 0.00	25.37 1.02 0.00	25.16 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.81 1.32 0.00	28.23 1.65 0.00	29.92 1.86 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.77 2.54 -0.27	36.30 2.73 -0.30	38.34 2.83 0.00	41.21 3.07 0.00	43.31 3.28 0.00	39.06 3.45 0.00	41.22 3.45 0.00	44.01 3.42 0.00	41.27 3.09 0.00	40.95 2.91 0.00	42.20 3.00 0.00	36.00 2.33 0.00	34.88 2.27 0.00
RAVENSWOOD_GT_10 24258	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.77 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.90 2.63 0.00	38.25 2.73 0.00	41.09 2.94 0.00	43.20 3.18 0.00	38.96 3.34 0.00	41.11 3.35 0.00	43.94 3.35 0.00	41.17 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.91 2.24 0.00	34.78 2.18 0.00
RAVENSWOOD_GT_11 24259	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.77 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.90 2.63 0.00	38.25 2.73 0.00	41.09 2.94 0.00	43.20 3.18 0.00	38.96 3.34 0.00	41.11 3.35 0.00	43.94 3.35 0.00	41.17 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.91 2.24 0.00	34.78 2.18 0.00
RAVENSWOOD_GT_4 24252	31.13 1.42 0.00	25.30 0.95 0.00	25.09 0.79 0.00	24.04 0.75 0.00	24.18 0.76 0.00	26.57 0.95 0.00	26.71 1.23 0.00	28.13 1.55 0.00	29.82 1.76 0.00	27.71 1.75 0.00	33.25 1.78 -6.25	34.37 2.40 0.00	35.89 2.62 0.00	38.23 2.71 0.00	41.05 2.91 0.00	43.18 3.16 0.00	38.94 3.32 0.00	41.10 3.33 0.00	43.92 3.33 0.00	41.14 2.97 0.00	40.83 2.79 0.00	42.07 2.87 0.00	35.89 2.22 0.00	34.78 2.17 0.00
RAVENSWOOD_GT_5 24254	31.13 1.42 0.00	25.30 0.95 0.00	25.09 0.79 0.00	24.04 0.75 0.00	24.18 0.76 0.00	26.57 0.95 0.00	26.71 1.23 0.00	28.13 1.55 0.00	29.82 1.76 0.00	27.71 1.75 0.00	33.25 1.78 -6.25	34.37 2.40 0.00	35.89 2.62 0.00	38.23 2.71 0.00	41.05 2.91 0.00	43.18 3.16 0.00	38.94 3.32 0.00	41.10 3.33 0.00	43.92 3.33 0.00	41.14 2.97 0.00	40.83 2.79 0.00	42.07 2.87 0.00	35.89 2.22 0.00	34.78 2.17 0.00
RAVENSWOOD_GT_6 24253	31.13 1.42 0.00	25.30 0.95 0.00	25.09 0.79 0.00	24.04 0.75 0.00	24.18 0.76 0.00	26.57 0.95 0.00	26.71 1.23 0.00	28.13 1.55 0.00	29.82 1.76 0.00	27.71 1.75 0.00	33.25 1.78 -6.25	34.37 2.40 0.00	35.89 2.62 0.00	38.23 2.71 0.00	41.05 2.91 0.00	43.18 3.16 0.00	38.94 3.32 0.00	41.10 3.33 0.00	43.92 3.33 0.00	41.14 2.97 0.00	40.83 2.79 0.00	42.07 2.87 0.00	35.89 2.22 0.00	34.78 2.17 0.00
RAVENSWOOD_GT_7 24255	31.13 1.42 0.00	25.30 0.95 0.00	25.09 0.79 0.00	24.04 0.75 0.00	24.18 0.76 0.00	26.57 0.95 0.00	26.71 1.23 0.00	28.13 1.55 0.00	29.82 1.76 0.00	27.71 1.75 0.00	33.25 1.78 -6.25	34.37 2.40 0.00	35.89 2.62 0.00	38.23 2.71 0.00	41.05 2.91 0.00	43.18 3.16 0.00	38.94 3.32 0.00	41.10 3.33 0.00	43.92 3.33 0.00	41.14 2.97 0.00	40.83 2.79 0.00	42.07 2.87 0.00	35.89 2.22 0.00	34.78 2.17 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.77 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.90 2.63 0.00	38.25 2.73 0.00	41.09 2.94 0.00	43.20 3.18 0.00	38.96 3.34 0.00	41.11 3.35 0.00	43.94 3.35 0.00	41.17 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.91 2.24 0.00	34.78 2.18 0.00

RAVENSWOOD_GT_9 24257	31.15 1.45 0.00	25.31 0.95 0.00	25.10 0.80 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.97 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.77 0.00	33.26 1.79 -6.25	34.39 2.42 0.00	35.90 2.63 0.00	38.25 2.73 0.00	41.09 2.94 0.00	43.20 3.18 0.00	38.96 3.34 0.00	41.11 3.35 0.00	43.94 3.35 0.00	41.17 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.91 2.24 0.00	34.78 2.18 0.00
RAVENSWOOD___1 23533	31.21 1.51 0.00	25.38 1.02 0.00	25.15 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.81 1.33 0.00	28.23 1.65 0.00	29.92 1.87 0.00	27.82 1.86 0.00	33.35 1.87 -6.26	34.78 2.54 -0.27	36.30 2.73 -0.30	38.34 2.83 0.00	41.21 3.06 0.00	43.31 3.28 0.00	39.06 3.45 0.00	41.21 3.45 0.00	44.01 3.42 0.00	41.26 3.09 0.00	40.95 2.91 0.00	42.20 3.00 0.00	36.01 2.33 0.00	34.89 2.28 0.00
RAVENSWOOD___2 23534	31.21 1.51 0.00	25.38 1.02 0.00	25.15 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.81 1.33 0.00	28.23 1.65 0.00	29.92 1.87 0.00	27.82 1.86 0.00	33.35 1.87 -6.26	34.78 2.54 -0.27	36.30 2.73 -0.30	38.34 2.83 0.00	41.21 3.06 0.00	43.31 3.28 0.00	39.06 3.45 0.00	41.21 3.45 0.00	44.01 3.42 0.00	41.26 3.09 0.00	40.95 2.91 0.00	42.20 3.00 0.00	36.01 2.33 0.00	34.89 2.28 0.00
RAVENSWOOD___3 23535	31.14 1.44 0.00	25.31 0.95 0.00	25.09 0.79 0.00	24.05 0.76 0.00	24.19 0.77 0.00	26.58 0.96 0.00	26.72 1.24 0.00	28.14 1.56 0.00	29.83 1.77 0.00	27.72 1.76 0.00	33.26 1.79 -6.25	34.38 2.41 0.00	35.89 2.62 0.00	38.24 2.72 0.00	41.07 2.92 0.00	43.18 3.16 0.00	38.95 3.33 0.00	41.10 3.34 0.00	43.93 3.35 0.00	41.16 2.99 0.00	40.84 2.80 0.00	42.09 2.89 0.00	35.90 2.23 0.00	34.78 2.18 0.00
RAVENSWOOD___4 23820	31.21 1.51 0.00	25.38 1.02 0.00	25.15 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.81 1.33 0.00	28.23 1.65 0.00	29.92 1.87 0.00	27.82 1.86 0.00	33.35 1.87 -6.26	34.78 2.54 -0.27	36.30 2.73 -0.30	38.34 2.83 0.00	41.21 3.06 0.00	43.31 3.28 0.00	39.06 3.45 0.00	41.21 3.45 0.00	44.01 3.42 0.00	41.26 3.09 0.00	40.95 2.91 0.00	42.20 3.00 0.00	36.01 2.33 0.00	34.89 2.28 0.00
RCPI_TRUST___DRP 24196	31.13 1.42 0.00	25.29 0.93 0.00	25.07 0.77 0.00	24.03 0.74 0.00	24.17 0.75 0.00	26.57 0.95 0.00	26.71 1.23 0.00	28.15 1.57 0.00	29.84 1.78 0.00	27.74 1.78 0.00	33.29 1.81 -6.26	34.42 2.45 0.00	35.92 2.65 0.00	38.27 2.76 0.00	41.11 2.96 0.00	43.23 3.21 0.00	39.00 3.38 0.00	41.14 3.37 0.00	43.96 3.37 0.00	41.17 2.99 0.00	40.83 2.80 0.00	42.09 2.88 0.00	35.89 2.22 0.00	34.78 2.17 0.00
RED___ROCHESTER 323720	29.60 -0.11 0.00	24.08 -0.27 0.00	24.14 -0.16 0.00	23.09 -0.21 0.00	23.28 -0.15 0.00	25.47 -0.15 0.00	25.41 -0.07 0.00	26.59 0.01 0.00	28.26 0.20 0.00	26.13 0.17 0.00	25.65 0.42 0.00	32.60 0.63 0.00	33.91 0.65 0.00	36.00 0.48 0.00	38.67 0.52 0.00	40.64 0.62 0.00	36.46 0.85 0.00	39.01 1.24 0.00	41.77 1.18 0.00	39.23 1.06 0.00	38.73 0.69 0.00	40.23 1.02 0.00	34.49 0.81 0.00	33.12 0.51 0.00
REGAN___SOLAR 323812	32.62 2.92 0.00	26.58 2.22 0.00	26.48 2.18 0.00	25.34 2.05 0.00	25.54 2.11 0.00	28.03 2.41 0.00	27.99 2.50 0.00	28.52 1.94 0.00	28.62 0.56 0.00	25.42 -0.53 0.00	24.61 -0.61 0.00	31.92 -0.05 0.00	32.82 -0.44 0.00	36.81 1.29 0.00	41.68 3.53 0.00	44.92 4.90 0.00	39.70 4.09 0.00	42.08 4.31 0.00	45.16 4.57 0.00	42.66 4.49 0.00	42.52 4.48 0.00	43.73 4.53 0.00	37.34 3.66 0.00	35.86 3.25 0.00
RENSSELAER___COGEN 23796	29.95 0.25 0.00	24.53 0.17 0.00	24.42 0.12 0.00	23.44 0.14 0.00	23.57 0.14 0.00	25.80 0.18 0.00	25.83 0.35 0.00	26.98 0.40 0.00	28.43 0.38 0.00	26.28 0.32 0.00	26.45 0.20 -1.03	32.22 0.25 0.00	33.59 0.33 0.00	35.85 0.34 0.00	38.45 0.30 0.00	40.40 0.38 0.00	36.31 0.70 0.00	38.36 0.60 0.00	41.26 0.68 0.00	38.92 0.75 0.00	38.81 0.77 0.00	39.97 0.77 0.00	34.15 0.48 0.00	33.14 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.74 4.04 0.00	27.09 2.74 0.00	27.12 2.82 0.00	26.04 2.75 0.00	26.36 2.94 0.00	28.78 3.16 0.00	28.88 3.40 0.00	30.47 3.89 0.00	31.80 3.74 0.00	28.86 2.90 0.00	28.66 2.45 -0.98	35.36 3.40 0.00	36.64 3.37 0.00	39.04 3.52 0.00	42.53 4.38 0.00	45.60 5.58 0.00	41.27 5.65 0.00	43.58 5.82 0.00	47.78 7.20 0.00	45.12 6.94 0.00	44.99 6.95 0.00	46.13 6.93 0.00	39.06 5.39 0.00	38.14 5.53 0.00
REVERE_CPPR_DRP 24186	30.52 0.82 0.00	24.98 0.63 0.00	24.90 0.60 0.00	23.86 0.56 0.00	24.02 0.59 0.00	26.33 0.71 0.00	26.31 0.83 0.00	27.48 0.90 0.00	28.97 0.92 0.00	26.70 0.75 0.00	25.87 0.65 0.00	32.74 0.78 0.00	34.08 0.81 0.00	36.45 0.93 0.00	39.37 1.22 0.00	41.23 1.21 0.00	26.68 1.26 10.20	39.25 1.49 0.00	42.34 1.75 0.00	39.93 1.76 0.00	39.75 1.71 0.00	40.82 1.62 0.00	34.80 1.13 0.00	33.60 0.99 0.00
REYNOLDS_115KV_TB3 80639	30.21 0.50 0.00	24.75 0.40 0.00	24.66 0.36 0.00	23.66 0.37 0.00	23.80 0.37 0.00	26.05 0.43 0.00	26.06 0.58 0.00	27.23 0.65 0.00	28.70 0.64 0.00	26.50 0.54 0.00	26.69 0.39 -1.08	32.45 0.48 0.00	33.83 0.56 0.00	36.07 0.56 0.00	38.66 0.51 0.00	40.59 0.56 0.00	36.49 0.87 0.00	38.53 0.77 0.00	41.50 0.91 0.00	39.18 1.01 0.00	39.06 1.03 0.00	40.27 1.07 0.00	34.41 0.73 0.00	33.42 0.81 0.00
RIVERBAY____ 323610	31.24 1.53 0.00	25.45 1.09 0.00	25.23 0.94 0.00	24.22 0.93 0.00	24.37 0.94 0.00	26.78 1.16 0.00	26.92 1.44 0.00	28.30 1.72 0.00	29.97 1.91 0.00	27.81 1.85 0.00	33.31 1.83 -6.25	34.41 2.44 0.00	35.83 2.56 0.00	38.16 2.64 0.00	41.14 3.00 0.00	43.23 3.21 0.00	38.97 3.36 0.00	41.04 3.27 0.00	43.91 3.32 0.00	41.24 3.07 0.00	40.97 2.94 0.00	42.26 3.06 0.00	36.03 2.36 0.00	34.93 2.32 0.00
RIVERSDE_115KV_TB3 55908	30.05 0.35 0.00	24.62 0.26 0.00	24.51 0.21 0.00	23.52 0.23 0.00	23.66 0.23 0.00	25.90 0.29 0.00	25.93 0.45 0.00	27.09 0.51 0.00	28.56 0.49 0.00	26.39 0.44 0.00	26.57 0.31 -1.03	32.37 0.40 0.00	33.76 0.49 0.00	36.03 0.51 0.00	38.63 0.48 0.00	40.60 0.57 0.00	36.46 0.85 0.00	38.50 0.74 0.00	41.43 0.84 0.00	39.08 0.91 0.00	38.95 0.92 0.00	40.13 0.93 0.00	34.28 0.61 0.00	33.26 0.66 0.00
ROARING___BROOK_WT_PWR 323790	29.46 -0.25 0.00	24.35 -0.01 0.00	24.35 0.05 0.00	23.34 0.05 0.00	23.45 0.03 0.00	25.55 -0.07 0.00	25.38 -0.11 0.00	26.39 -0.19 0.00	27.82 -0.23 0.00	25.71 -0.24 0.00	25.04 -0.18 0.00	31.68 -0.28 0.00	32.85 -0.42 0.00	35.11 -0.41 0.00	37.74 -0.41 0.00	39.47 -0.55 0.00	40.34 -0.88 -5.60	36.95 -0.81 0.00	39.77 -0.82 0.00	37.40 -0.77 0.00	37.08 -0.96 0.00	37.92 -1.29 0.00	32.50 -1.17 0.00	31.54 -1.06 0.00

ROCHESRG_115KV_T4 355643	29.28 -0.43 0.00	23.83 -0.52 0.00	23.89 -0.41 0.00	22.86 -0.42 0.00	23.05 -0.38 0.00	25.22 -0.40 0.00	25.16 -0.32 0.00	26.31 -0.27 0.00	27.95 -0.10 0.00	25.84 -0.12 0.00	25.34 0.11 0.00	32.19 0.23 0.00	33.46 0.20 0.00	35.48 -0.03 0.00	38.09 -0.06 0.00	40.01 -0.01 0.00	35.86 0.24 0.00	38.33 0.57 0.00	41.03 0.45 0.00	38.57 0.40 0.00	38.11 0.07 0.00	39.61 0.41 0.00	34.01 0.34 0.00	32.71 0.10 0.00
ROCHESTER_9_IC 23652	29.45 -0.25 0.00	23.97 -0.39 0.00	24.02 -0.28 0.00	22.98 -0.31 0.00	23.17 -0.26 0.00	25.35 -0.26 0.00	25.30 -0.18 0.00	26.46 -0.12 0.00	28.12 0.06 0.00	26.00 0.04 0.00	25.50 0.28 0.00	32.41 0.45 0.00	33.71 0.44 0.00	35.76 0.24 0.00	38.38 0.24 0.00	40.33 0.31 0.00	36.17 0.55 0.00	38.67 0.91 0.00	41.41 0.82 0.00	38.91 0.74 0.00	38.43 0.40 0.00	39.93 0.73 0.00	34.26 0.58 0.00	32.93 0.32 0.00
ROCKVIEW_13_KV_LD 356306	31.14 1.44 0.00	25.32 0.96 0.00	25.10 0.80 0.00	24.05 0.75 0.00	24.19 0.77 0.00	26.58 0.96 0.00	26.71 1.23 0.00	28.14 1.56 0.00	29.82 1.76 0.00	27.70 1.75 0.00	33.22 1.75 -6.25	34.32 2.35 0.00	35.83 2.57 0.00	38.18 2.67 0.00	41.02 2.87 0.00	43.15 3.13 0.00	38.91 3.30 0.00	41.10 3.34 0.00	43.96 3.37 0.00	41.19 3.02 0.00	40.88 2.84 0.00	42.12 2.91 0.00	35.91 2.23 0.00	34.78 2.17 0.00
ROME____115KV_TB2 80656	30.52 0.82 0.00	24.98 0.63 0.00	24.90 0.60 0.00	23.86 0.56 0.00	24.02 0.59 0.00	26.33 0.71 0.00	26.31 0.83 0.00	27.48 0.90 0.00	28.97 0.92 0.00	26.70 0.75 0.00	25.87 0.65 0.00	32.74 0.78 0.00	34.08 0.81 0.00	36.45 0.93 0.00	39.37 1.22 0.00	41.23 1.21 0.00	26.68 1.26 10.20	39.25 1.49 0.00	42.34 1.75 0.00	39.93 1.76 0.00	39.75 1.71 0.00	40.82 1.62 0.00	34.80 1.13 0.00	33.60 0.99 0.00
ROSETON___1 23587	30.69 0.99 0.00	24.99 0.63 0.00	24.81 0.51 0.00	23.78 0.49 0.00	23.92 0.50 0.00	26.26 0.64 0.00	26.35 0.87 0.00	27.69 1.11 0.00	29.30 1.24 0.00	27.17 1.21 0.00	26.42 1.20 0.00	33.59 1.63 0.00	35.06 1.79 0.00	37.39 1.87 0.00	40.14 1.99 0.00	42.20 2.18 0.00	38.01 2.39 0.00	40.16 2.39 0.00	43.03 2.44 0.00	40.39 2.22 0.00	40.12 2.08 0.00	41.33 2.13 0.00	35.26 1.59 0.00	34.17 1.56 0.00
ROSETON___2 23588	30.69 0.99 0.00	24.99 0.63 0.00	24.81 0.51 0.00	23.78 0.49 0.00	23.92 0.50 0.00	26.26 0.64 0.00	26.35 0.87 0.00	27.69 1.11 0.00	29.30 1.24 0.00	27.17 1.21 0.00	26.42 1.20 0.00	33.59 1.63 0.00	35.06 1.79 0.00	37.39 1.87 0.00	40.14 1.99 0.00	42.20 2.18 0.00	38.01 2.39 0.00	40.16 2.39 0.00	43.03 2.44 0.00	40.39 2.22 0.00	40.12 2.08 0.00	41.33 2.13 0.00	35.26 1.59 0.00	34.17 1.56 0.00
ROTTRDAM_115KV_TB3 80664	30.40 0.69 0.00	24.85 0.49 0.00	24.76 0.46 0.00	23.73 0.44 0.00	23.88 0.45 0.00	26.15 0.53 0.00	26.12 0.64 0.00	27.30 0.71 0.00	28.75 0.69 0.00	26.52 0.57 0.00	26.61 0.49 -0.90	32.62 0.65 0.00	33.99 0.72 0.00	36.29 0.78 0.00	39.08 0.93 0.00	41.16 1.14 0.00	36.84 1.23 0.00	38.96 1.20 0.00	41.91 1.32 0.00	39.49 1.32 0.00	39.35 1.32 0.00	40.55 1.35 0.00	34.68 1.01 0.00	33.60 0.99 0.00
RUSSELL___1 23602	29.60 -0.10 0.00	24.09 -0.27 0.00	24.13 -0.16 0.00	23.09 -0.21 0.00	23.27 -0.15 0.00	25.47 -0.15 0.00	25.42 -0.07 0.00	26.58 0.00 0.00	28.26 0.20 0.00	26.13 0.17 0.00	25.64 0.42 0.00	32.60 0.63 0.00	33.91 0.64 0.00	36.00 0.48 0.00	38.64 0.50 0.00	40.63 0.61 0.00	36.45 0.83 0.00	39.00 1.24 0.00	41.76 1.17 0.00	39.23 1.06 0.00	38.73 0.69 0.00	40.23 1.02 0.00	34.49 0.81 0.00	33.12 0.51 0.00
RUSSELL___2 23532	29.60 -0.10 0.00	24.09 -0.27 0.00	24.13 -0.16 0.00	23.09 -0.21 0.00	23.27 -0.15 0.00	25.47 -0.15 0.00	25.42 -0.07 0.00	26.58 0.00 0.00	28.26 0.20 0.00	26.13 0.17 0.00	25.64 0.42 0.00	32.60 0.63 0.00	33.91 0.64 0.00	36.00 0.48 0.00	38.64 0.50 0.00	40.63 0.61 0.00	36.45 0.83 0.00	39.00 1.24 0.00	41.76 1.17 0.00	39.23 1.06 0.00	38.73 0.69 0.00	40.23 1.02 0.00	34.49 0.81 0.00	33.12 0.51 0.00
RUSSELL___3 23549	29.60 -0.10 0.00	24.09 -0.27 0.00	24.13 -0.16 0.00	23.09 -0.21 0.00	23.27 -0.15 0.00	25.47 -0.15 0.00	25.42 -0.07 0.00	26.58 0.00 0.00	28.26 0.20 0.00	26.13 0.17 0.00	25.64 0.42 0.00	32.60 0.63 0.00	33.91 0.64 0.00	36.00 0.48 0.00	38.64 0.50 0.00	40.63 0.61 0.00	36.45 0.83 0.00	39.00 1.24 0.00	41.76 1.17 0.00	39.23 1.06 0.00	38.73 0.69 0.00	40.23 1.02 0.00	34.49 0.81 0.00	33.12 0.51 0.00
RUSSELL___4 23556	29.60 -0.10 0.00	24.09 -0.27 0.00	24.13 -0.16 0.00	23.09 -0.21 0.00	23.27 -0.15 0.00	25.47 -0.15 0.00	25.42 -0.07 0.00	26.58 0.00 0.00	28.26 0.20 0.00	26.13 0.17 0.00	25.64 0.42 0.00	32.60 0.63 0.00	33.91 0.64 0.00	36.00 0.48 0.00	38.64 0.50 0.00	40.63 0.61 0.00	36.45 0.83 0.00	39.00 1.24 0.00	41.76 1.17 0.00	39.23 1.06 0.00	38.73 0.69 0.00	40.23 1.02 0.00	34.49 0.81 0.00	33.12 0.51 0.00
RUSSELL___STATION 23914	29.60 -0.10 0.00	24.09 -0.27 0.00	24.13 -0.16 0.00	23.09 -0.21 0.00	23.27 -0.15 0.00	25.47 -0.15 0.00	25.42 -0.07 0.00	26.58 0.00 0.00	28.26 0.20 0.00	26.13 0.17 0.00	25.64 0.42 0.00	32.60 0.63 0.00	33.91 0.64 0.00	36.00 0.48 0.00	38.64 0.50 0.00	40.63 0.61 0.00	36.45 0.83 0.00	39.00 1.24 0.00	41.76 1.17 0.00	39.23 1.06 0.00	38.73 0.69 0.00	40.23 1.02 0.00	34.49 0.81 0.00	33.12 0.51 0.00
S SALMON___HYD 24043	29.11 -0.60 0.00	23.84 -0.52 0.00	23.81 -0.49 0.00	22.80 -0.49 0.00	22.95 -0.48 0.00	25.17 -0.45 0.00	25.06 -0.42 0.00	26.12 -0.47 0.00	27.53 -0.52 0.00	25.42 -0.53 0.00	24.67 -0.55 0.00	31.25 -0.71 0.00	32.51 -0.76 0.00	34.68 -0.84 0.00	37.14 -1.01 0.00	39.00 -1.02 0.00	22.12 -0.74 12.76	37.18 -0.58 0.00	40.05 -0.53 0.00	37.82 -0.35 0.00	37.58 -0.46 0.00	38.64 -0.56 0.00	32.99 -0.69 0.00	31.89 -0.71 0.00
S.PERRY__115KV_TB1 80734	30.17 0.47 0.00	24.47 0.11 0.00	24.51 0.21 0.00	23.40 0.11 0.00	23.62 0.19 0.00	25.92 0.30 0.00	25.96 0.48 0.00	27.19 0.61 0.00	28.73 0.67 0.00	26.36 0.40 0.00	25.87 0.65 0.00	32.89 0.93 0.00	34.12 0.85 0.00	36.03 0.47 -0.05	38.52 -0.05 -0.43	40.22 -0.31 -0.51	36.04 0.02 -0.40	38.56 0.37 -0.42	41.22 0.28 -0.35	39.12 0.68 -0.27	38.60 0.56 0.00	41.00 1.79 0.00	35.44 1.77 0.00	33.91 1.30 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.96 -0.75 0.00	23.51 -0.85 0.00	23.66 -0.64 0.00	22.62 -0.67 0.00	22.83 -0.60 0.00	24.96 -0.66 0.00	24.93 -0.55 0.00	26.13 -0.46 0.00	27.91 -0.14 0.00	25.77 -0.19 0.00	25.42 0.19 0.00	32.29 0.32 0.00	33.44 0.18 0.00	36.14 -0.27 -0.90	46.06 -0.40 -8.31	49.47 -0.37 -9.82	43.44 -0.04 -7.86	46.29 0.36 -8.16	47.33 -0.02 -6.77	43.35 -0.04 -5.22	37.63 -0.41 0.00	39.46 0.26 0.00	34.01 0.33 0.00	32.65 0.04 0.00

SAWYER___23_KV_LOAD 55526	28.96 -0.75 0.00	23.51 -0.85 0.00	23.66 -0.64 0.00	22.62 -0.67 0.00	22.83 -0.60 0.00	24.96 -0.66 0.00	24.93 -0.55 0.00	26.13 -0.46 0.00	27.91 -0.14 0.00	25.77 -0.19 0.00	25.42 0.19 0.00	32.29 0.32 0.00	33.44 0.18 0.00	36.14 -0.27 -0.90	46.06 -0.40 -8.31	49.47 -0.37 -9.82	43.44 -0.04 -7.86	46.29 0.36 -8.16	47.33 -0.02 -6.77	43.35 -0.04 -5.22	37.63 -0.41 0.00	39.46 0.26 0.00	34.01 0.33 0.00	32.65 0.04 0.00
SELKIRK___I 23801	30.23 0.53 0.00	24.76 0.40 0.00	24.68 0.37 0.00	23.67 0.37 0.00	23.80 0.38 0.00	26.06 0.44 0.00	26.04 0.56 0.00	27.16 0.58 0.00	28.51 0.45 0.00	26.29 0.34 0.00	26.37 0.23 -0.92	32.22 0.25 0.00	33.57 0.31 0.00	35.83 0.31 0.00	38.45 0.31 0.00	40.56 0.54 0.00	36.50 0.89 0.00	38.59 0.82 0.00	41.51 0.93 0.00	39.18 1.01 0.00	39.10 1.06 0.00	40.28 1.08 0.00	34.43 0.76 0.00	33.40 0.79 0.00
SELKIRK___II 23799	30.06 0.36 0.00	24.60 0.24 0.00	24.50 0.20 0.00	23.50 0.21 0.00	23.64 0.21 0.00	25.88 0.26 0.00	25.89 0.41 0.00	27.06 0.47 0.00	28.51 0.45 0.00	26.35 0.40 0.00	26.51 0.30 -0.99	32.35 0.38 0.00	33.73 0.46 0.00	35.99 0.48 0.00	38.60 0.46 0.00	40.57 0.55 0.00	36.45 0.84 0.00	38.53 0.76 0.00	41.42 0.83 0.00	39.04 0.87 0.00	38.92 0.88 0.00	40.10 0.89 0.00	34.28 0.60 0.00	33.25 0.64 0.00
SENECA OSWGO___HYD 24041	29.27 -0.44 0.00	23.92 -0.43 0.00	23.86 -0.43 0.00	22.86 -0.43 0.00	23.01 -0.41 0.00	25.21 -0.41 0.00	25.11 -0.37 0.00	26.19 -0.39 0.00	27.64 -0.42 0.00	25.55 -0.41 0.00	24.83 -0.40 0.00	31.49 -0.47 0.00	32.83 -0.44 0.00	35.01 -0.51 0.00	37.58 -0.56 0.00	39.45 -0.58 0.00	31.25 -0.29 4.08	37.56 -0.21 0.00	40.41 -0.17 0.00	38.08 -0.10 0.00	37.82 -0.22 0.00	39.04 -0.16 0.00	33.42 -0.26 0.00	32.28 -0.33 0.00
SENECA___115KV_TB3 355854	29.27 -0.44 0.00	23.74 -0.62 0.00	23.87 -0.42 0.00	22.80 -0.49 0.00	23.03 -0.39 0.00	25.22 -0.40 0.00	25.20 -0.28 0.00	26.43 -0.15 0.00	28.24 0.18 0.00	26.07 0.12 0.00	25.71 0.49 0.00	32.69 0.72 0.00	33.87 0.61 0.00	36.15 0.26 -0.37	41.77 0.16 -3.45	44.34 0.23 -4.09	39.43 0.54 -3.27	42.13 0.97 -3.39	43.99 0.58 -2.81	40.87 0.52 -2.17	38.16 0.12 0.00	39.99 0.79 0.00	34.42 0.75 0.00	33.00 0.39 0.00
SENECA___ENERGY 23797	29.46 -0.25 0.00	23.98 -0.37 0.00	23.95 -0.35 0.00	22.93 -0.36 0.00	23.11 -0.32 0.00	25.35 -0.27 0.00	25.33 -0.15 0.00	26.50 -0.09 0.00	28.00 -0.06 0.00	25.86 -0.10 0.00	25.21 -0.02 0.00	32.01 0.04 0.00	33.36 0.10 0.00	35.55 0.04 0.00	38.10 -0.04 0.00	40.08 0.06 0.00	33.74 0.31 2.19	38.32 0.56 0.00	41.23 0.64 0.00	38.82 0.65 0.00	38.41 0.38 0.00	39.71 0.51 0.00	34.00 0.32 0.00	32.71 0.10 0.00
SHOEMAKER___GT 23640	30.60 0.89 0.00	24.93 0.57 0.00	24.75 0.46 0.00	23.72 0.43 0.00	23.86 0.44 0.00	26.19 0.58 0.00	26.26 0.78 0.00	27.57 0.98 0.00	29.14 1.09 0.00	26.99 1.04 0.00	20.70 1.02 5.53	33.34 1.38 0.00	34.80 1.53 0.00	37.20 1.68 0.00	39.89 1.74 0.00	41.98 1.96 0.00	37.80 2.18 0.00	39.96 2.20 0.00	42.85 2.26 0.00	40.25 2.08 0.00	39.97 1.94 0.00	41.17 1.97 0.00	35.15 1.48 0.00	34.03 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	30.59 0.89 0.00	24.92 0.56 0.00	24.74 0.45 0.00	23.72 0.42 0.00	23.85 0.43 0.00	26.18 0.56 0.00	26.26 0.77 0.00	27.56 0.98 0.00	29.16 1.10 0.00	27.01 1.05 0.00	21.00 1.04 5.26	33.38 1.41 0.00	34.83 1.57 0.00	37.21 1.69 0.00	39.93 1.78 0.00	42.02 2.00 0.00	37.82 2.20 0.00	39.98 2.22 0.00	42.87 2.28 0.00	40.25 2.08 0.00	39.97 1.94 0.00	41.16 1.95 0.00	35.13 1.46 0.00	34.03 1.42 0.00
SHOREHAM_IC_1 23715	31.92 1.50 -0.71	25.42 1.06 0.00	25.02 0.72 0.00	23.93 0.63 0.00	24.10 0.68 0.00	26.51 0.90 0.00	26.70 1.22 0.00	28.20 1.61 0.00	29.81 1.75 0.00	27.77 1.81 0.00	33.56 1.81 -6.53	34.23 2.26 0.00	35.84 2.57 0.00	38.24 2.73 0.00	41.10 2.95 0.00	43.03 3.01 0.00	38.79 3.18 0.00	41.09 3.32 0.00	43.84 3.25 0.00	41.25 3.08 0.00	42.00 3.20 -0.76	42.30 3.09 0.00	35.90 2.23 0.00	34.67 2.06 0.00
SHOREHAM_IC_2 23716	31.92 1.50 -0.71	25.42 1.06 0.00	25.02 0.72 0.00	23.93 0.63 0.00	24.10 0.68 0.00	26.51 0.90 0.00	26.70 1.22 0.00	28.20 1.61 0.00	29.81 1.75 0.00	27.77 1.81 0.00	33.56 1.81 -6.53	34.23 2.26 0.00	35.84 2.57 0.00	38.24 2.73 0.00	41.10 2.95 0.00	43.03 3.01 0.00	38.79 3.18 0.00	41.09 3.32 0.00	43.84 3.25 0.00	41.25 3.08 0.00	42.00 3.20 -0.76	42.30 3.09 0.00	35.90 2.23 0.00	34.67 2.06 0.00
SISSONVILLE____ 23735	29.09 -0.61 0.00	24.03 -0.33 0.00	24.04 -0.26 0.00	23.03 -0.26 0.00	23.14 -0.29 0.00	25.25 -0.36 0.00	24.99 -0.49 0.00	25.96 -0.62 0.00	27.31 -0.75 0.00	25.11 -0.84 0.00	24.46 -0.76 0.00	30.92 -1.05 0.00	31.96 -1.31 0.00	34.17 -1.34 0.00	36.77 -1.38 0.00	38.34 -1.68 0.00	-85.82 -2.43 119.00	35.55 -2.21 0.00	38.44 -2.15 0.00	36.34 -1.84 0.00	36.71 -1.33 0.00	37.57 -1.64 0.00	32.28 -1.39 0.00	31.21 -1.40 0.00
SITHE_IND_GS1 24169	28.92 -0.79 0.00	23.66 -0.69 0.00	23.62 -0.68 0.00	22.63 -0.66 0.00	22.77 -0.65 0.00	24.92 -0.69 0.00	24.79 -0.69 0.00	25.82 -0.76 0.00	27.25 -0.81 0.00	25.22 -0.74 0.00	24.52 -0.70 0.00	31.10 -0.87 0.00	32.39 -0.88 0.00	34.55 -0.96 0.00	37.09 -1.06 0.00	38.93 -1.09 0.00	34.80 -0.82 0.00	36.94 -0.82 0.00	39.71 -0.88 0.00	37.36 -0.81 0.00	37.13 -0.90 0.00	38.33 -0.88 0.00	32.87 -0.81 0.00	31.79 -0.82 0.00
SITHE_IND_GS2 24170	28.92 -0.79 0.00	23.66 -0.69 0.00	23.62 -0.68 0.00	22.63 -0.66 0.00	22.77 -0.65 0.00	24.92 -0.69 0.00	24.79 -0.69 0.00	25.82 -0.76 0.00	27.25 -0.81 0.00	25.22 -0.74 0.00	24.52 -0.70 0.00	31.10 -0.87 0.00	32.39 -0.88 0.00	34.55 -0.96 0.00	37.09 -1.06 0.00	38.93 -1.09 0.00	34.80 -0.82 0.00	36.94 -0.82 0.00	39.71 -0.88 0.00	37.36 -0.81 0.00	37.13 -0.90 0.00	38.33 -0.88 0.00	32.87 -0.81 0.00	31.79 -0.82 0.00
SITHE_IND_GS3 24171	28.92 -0.79 0.00	23.66 -0.69 0.00	23.62 -0.68 0.00	22.63 -0.66 0.00	22.77 -0.65 0.00	24.92 -0.69 0.00	24.79 -0.69 0.00	25.82 -0.76 0.00	27.25 -0.81 0.00	25.22 -0.74 0.00	24.52 -0.70 0.00	31.10 -0.87 0.00	32.39 -0.88 0.00	34.55 -0.96 0.00	37.09 -1.06 0.00	38.93 -1.09 0.00	34.80 -0.82 0.00	36.94 -0.82 0.00	39.71 -0.88 0.00	37.36 -0.81 0.00	37.13 -0.90 0.00	38.33 -0.88 0.00	32.87 -0.81 0.00	31.79 -0.82 0.00
SITHE_IND_GS4 24172	28.92 -0.79 0.00	23.66 -0.69 0.00	23.62 -0.68 0.00	22.63 -0.66 0.00	22.77 -0.65 0.00	24.92 -0.69 0.00	24.79 -0.69 0.00	25.82 -0.76 0.00	27.25 -0.81 0.00	25.22 -0.74 0.00	24.52 -0.70 0.00	31.10 -0.87 0.00	32.39 -0.88 0.00	34.55 -0.96 0.00	37.09 -1.06 0.00	38.93 -1.09 0.00	34.80 -0.82 0.00	36.94 -0.82 0.00	39.71 -0.88 0.00	37.36 -0.81 0.00	37.13 -0.90 0.00	38.33 -0.88 0.00	32.87 -0.81 0.00	31.79 -0.82 0.00

SITHE___BATAVIA 24024	29.83 0.13 0.00	24.21 -0.14 0.00	24.33 0.03 0.00	23.24 -0.04 0.00	23.47 0.05 0.00	25.69 0.07 0.00	25.69 0.21 0.00	26.94 0.36 0.00	28.68 0.63 0.00	26.38 0.42 0.00	25.93 0.70 0.00	32.88 0.92 0.00	34.12 0.86 0.00	36.00 0.56 0.08	38.02 0.59 0.71	39.88 0.70 0.84	35.86 0.92 0.68	38.57 1.50 0.70	41.52 1.52 0.58	39.29 1.57 0.45	39.23 1.20 0.00	40.93 1.72 0.00	35.13 1.46 0.00	33.66 1.05 0.00
SITHE___INDEPEND 23800	28.92 -0.79 0.00	23.66 -0.69 0.00	23.62 -0.68 0.00	22.63 -0.66 0.00	22.77 -0.65 0.00	24.92 -0.70 0.00	24.79 -0.69 0.00	25.82 -0.76 0.00	27.25 -0.81 0.00	25.22 -0.74 0.00	24.52 -0.71 0.00	31.09 -0.87 0.00	32.39 -0.88 0.00	34.55 -0.96 0.00	37.09 -1.06 0.00	38.93 -1.09 0.00	34.79 -0.82 0.00	36.94 -0.82 0.00	39.71 -0.88 0.00	37.36 -0.81 0.00	37.13 -0.90 0.00	38.33 -0.87 0.00	32.86 -0.81 0.00	31.79 -0.82 0.00
SITHE___MASSENA 23902	29.79 0.08 0.00	24.58 0.22 0.00	24.59 0.28 0.00	23.57 0.27 0.00	23.67 0.25 0.00	25.81 0.19 0.00	25.55 0.06 0.00	26.55 -0.03 0.00	27.96 -0.10 0.00	25.78 -0.18 0.00	25.13 -0.09 0.00	31.79 -0.18 0.00	32.89 -0.38 0.00	35.17 -0.34 0.00	37.87 -0.28 0.00	39.54 -0.48 0.00	-138.09 -1.30 172.40	36.64 -1.13 0.00	39.48 -1.11 0.00	37.17 -1.00 0.00	37.46 -0.57 0.00	38.48 -0.73 0.00	33.17 -0.51 0.00	32.12 -0.49 0.00
SITHE___OGDNSBRG 24021	30.02 0.32 0.00	24.79 0.43 0.00	24.79 0.50 0.00	23.77 0.48 0.00	23.87 0.45 0.00	26.05 0.43 0.00	25.78 0.30 0.00	26.75 0.16 0.00	28.04 -0.02 0.00	25.71 -0.25 0.00	24.97 -0.25 0.00	31.52 -0.44 0.00	32.58 -0.69 0.00	34.85 -0.67 0.00	37.54 -0.61 0.00	39.17 -0.85 0.00	-105.85 -1.73 139.74	36.37 -1.40 0.00	39.41 -1.18 0.00	37.49 -0.68 0.00	37.96 -0.08 0.00	38.91 -0.29 0.00	33.46 -0.21 0.00	32.33 -0.28 0.00
SITHE___STERLING 23777	30.35 0.65 0.00	24.82 0.47 0.00	24.74 0.44 0.00	23.71 0.41 0.00	23.86 0.43 0.00	26.16 0.54 0.00	26.13 0.65 0.00	27.30 0.71 0.00	28.81 0.75 0.00	26.53 0.58 0.00	25.74 0.51 0.00	32.61 0.64 0.00	33.97 0.71 0.00	36.31 0.79 0.00	39.13 0.98 0.00	41.03 1.01 0.00	29.96 1.15 6.80	39.04 1.27 0.00	42.07 1.48 0.00	39.65 1.48 0.00	39.50 1.46 0.00	40.63 1.43 0.00	34.71 1.03 0.00	33.51 0.90 0.00
SLEIGHT__34_KV_TB1 80719	29.37 -0.33 0.00	23.92 -0.43 0.00	23.92 -0.38 0.00	22.90 -0.39 0.00	23.08 -0.35 0.00	25.29 -0.33 0.00	25.25 -0.23 0.00	26.41 -0.17 0.00	27.97 -0.09 0.00	25.85 -0.11 0.00	25.29 0.07 0.00	32.15 0.19 0.00	33.48 0.22 0.00	35.63 0.11 0.00	38.26 0.11 0.00	40.21 0.18 0.00	36.05 0.44 0.00	38.51 0.75 0.00	41.31 0.72 0.00	38.85 0.68 0.00	38.41 0.37 0.00	39.74 0.54 0.00	34.02 0.34 0.00	32.71 0.11 0.00
SOUTH CAIRO___GT 23612	31.08 1.38 0.00	25.43 1.07 0.00	25.35 1.05 0.00	24.30 1.01 0.00	24.45 1.03 0.00	26.79 1.17 0.00	26.84 1.35 0.00	27.96 1.38 0.00	29.29 1.23 0.00	26.82 0.87 0.00	25.84 0.61 0.00	32.63 0.66 0.00	34.11 0.84 0.00	36.48 0.96 0.00	39.21 1.07 0.00	41.42 1.40 0.00	37.92 2.30 0.00	40.19 2.42 0.00	43.24 2.66 0.00	40.85 2.68 0.00	40.80 2.76 0.00	41.91 2.70 0.00	35.65 1.98 0.00	34.43 1.82 0.00
SOUTH HAMPTN___IC 23720	32.46 2.05 -0.71	25.86 1.50 0.00	25.47 1.16 0.00	24.34 1.05 0.00	24.53 1.11 0.00	26.98 1.36 0.00	27.18 1.70 0.00	28.73 2.15 0.00	30.43 2.38 0.00	28.41 2.46 0.00	34.24 2.49 -6.53	35.12 3.16 0.00	36.77 3.50 0.00	39.28 3.76 0.00	42.22 4.07 0.00	44.29 4.27 0.00	39.92 4.30 0.00	42.30 4.54 0.00	45.07 4.48 0.00	42.35 4.18 0.00	43.01 4.21 -0.76	43.32 4.12 0.00	36.73 3.06 0.00	35.41 2.80 0.00
SOUTHDOW_115KV_TB1 355954	30.07 0.37 0.00	24.32 -0.03 0.00	24.43 0.13 0.00	23.31 0.02 0.00	23.60 0.17 0.00	25.95 0.33 0.00	26.02 0.54 0.00	27.44 0.86 0.00	29.32 1.27 0.00	27.05 1.09 0.00	26.65 1.43 0.00	33.89 1.93 0.00	35.20 1.94 0.00	37.62 1.77 -0.34	42.96 1.68 -3.13	45.64 1.92 -3.70	40.71 2.14 -2.96	43.36 2.53 -3.07	45.40 2.27 -2.55	42.17 2.04 -1.97	39.58 1.54 0.00	41.42 2.22 0.00	35.48 1.81 0.00	33.87 1.27 0.00
SOUTHOLD_69_KV_BK 2 55809	33.03 2.62 -0.71	26.33 1.98 0.00	25.95 1.65 0.00	24.81 1.52 0.00	25.02 1.60 0.00	27.52 1.91 0.00	27.73 2.25 0.00	29.34 2.76 0.00	31.13 3.07 0.00	29.10 3.15 0.00	34.96 3.21 -6.53	36.03 4.06 0.00	37.67 4.40 0.00	40.31 4.80 0.00	43.35 5.21 0.00	45.53 5.51 0.00	41.03 5.42 0.00	43.53 5.77 0.00	46.35 5.76 0.00	43.48 5.31 0.00	44.11 5.30 -0.76	44.48 5.27 0.00	37.69 4.01 0.00	36.25 3.65 0.00
SOUTHOLD___IC 23719	33.04 2.62 -0.71	26.33 1.98 0.00	25.95 1.65 0.00	24.81 1.52 0.00	25.02 1.60 0.00	27.53 1.91 0.00	27.73 2.25 0.00	29.34 2.76 0.00	31.13 3.07 0.00	29.10 3.14 0.00	34.96 3.21 -6.53	36.03 4.06 0.00	37.67 4.40 0.00	40.31 4.80 0.00	43.35 5.21 0.00	45.53 5.51 0.00	41.03 5.42 0.00	43.53 5.77 0.00	46.35 5.77 0.00	43.48 5.31 0.00	44.11 5.30 -0.76	44.48 5.27 0.00	37.68 4.01 0.00	36.26 3.65 0.00
SOUTH_FORK_WT_PWR 323839	33.10 2.68 -0.71	26.41 2.06 0.00	26.04 1.74 0.00	24.91 1.61 0.00	25.12 1.70 0.00	27.63 2.01 0.00	27.84 2.36 0.00	29.47 2.89 0.00	31.27 3.21 0.00	29.25 3.30 0.00	35.13 3.37 -6.53	36.21 4.25 0.00	37.83 4.56 0.00	40.48 4.97 0.00	43.50 5.35 0.00	45.67 5.65 0.00	41.17 5.55 0.00	43.68 5.92 0.00	46.50 5.91 0.00	43.61 5.44 0.00	44.24 5.43 -0.76	44.64 5.43 0.00	37.86 4.18 0.00	36.41 3.80 0.00
SPIERFLS_115KV_TB 1 80737	31.76 2.05 0.00	25.80 1.45 0.00	25.74 1.44 0.00	24.67 1.38 0.00	24.88 1.45 0.00	27.24 1.62 0.00	27.29 1.81 0.00	28.61 2.03 0.00	30.05 2.00 0.00	27.58 1.62 0.00	27.44 1.24 -0.97	33.65 1.68 0.00	34.99 1.72 0.00	37.29 1.78 0.00	40.29 2.14 0.00	42.79 2.77 0.00	38.31 2.70 0.00	40.60 2.83 0.00	44.25 3.67 0.00	41.75 3.58 0.00	41.80 3.76 0.00	42.96 3.76 0.00	36.55 2.87 0.00	35.41 2.80 0.00
ST LAWRENCE____ 23600	29.56 -0.15 0.00	24.38 0.02 0.00	24.38 0.08 0.00	23.37 0.08 0.00	23.47 0.05 0.00	25.61 -0.01 0.00	25.34 -0.15 0.00	26.35 -0.23 0.00	27.76 -0.30 0.00	25.64 -0.32 0.00	24.99 -0.23 0.00	31.60 -0.37 0.00	32.74 -0.53 0.00	35.02 -0.50 0.00	37.66 -0.49 0.00	39.36 -0.66 0.00	48.25 -1.16 -13.79	36.69 -1.08 0.00	39.51 -1.08 0.00	37.13 -1.04 0.00	37.17 -0.87 0.00	38.21 -0.99 0.00	32.96 -0.72 0.00	31.91 -0.70 0.00
STATE_CA_115KV_115_LB 55624	30.12 0.42 0.00	24.66 0.31 0.00	24.56 0.26 0.00	23.58 0.29 0.00	23.71 0.28 0.00	25.95 0.34 0.00	25.98 0.50 0.00	27.15 0.56 0.00	28.62 0.56 0.00	26.46 0.50 0.00	26.62 0.39 -1.01	32.47 0.50 0.00	33.87 0.60 0.00	36.16 0.64 0.00	38.79 0.64 0.00	40.79 0.77 0.00	36.62 1.00 0.00	38.66 0.90 0.00	41.57 0.99 0.00	39.20 1.03 0.00	39.08 1.04 0.00	40.25 1.05 0.00	34.37 0.70 0.00	33.34 0.73 0.00

STATE_ST_34_KV_LOAD 55959	29.80 0.10 0.00	24.31 -0.04 0.00	24.25 -0.05 0.00	23.23 -0.06 0.00	23.41 -0.01 0.00	25.66 0.04 0.00	25.60 0.12 0.00	26.70 0.12 0.00	28.10 0.04 0.00	25.94 -0.02 0.00	25.26 0.04 0.00	32.11 0.14 0.00	33.47 0.20 0.00	35.71 0.19 0.00	38.33 0.18 0.00	40.27 0.25 0.00	33.84 0.49 2.26	38.43 0.67 0.00	41.36 0.77 0.00	38.99 0.82 0.00	38.68 0.64 0.00	39.93 0.73 0.00	34.16 0.49 0.00	32.94 0.34 0.00
STATION 5_MISC_HYD 23604	29.45 -0.25 0.00	23.97 -0.39 0.00	24.02 -0.27 0.00	22.98 -0.31 0.00	23.17 -0.26 0.00	25.35 -0.26 0.00	25.30 -0.19 0.00	26.47 -0.12 0.00	28.12 0.06 0.00	26.00 0.04 0.00	25.51 0.29 0.00	32.41 0.45 0.00	33.71 0.44 0.00	35.75 0.24 0.00	38.40 0.25 0.00	40.35 0.32 0.00	36.18 0.56 0.00	38.68 0.92 0.00	41.41 0.82 0.00	38.92 0.75 0.00	38.44 0.40 0.00	39.93 0.73 0.00	34.26 0.58 0.00	32.92 0.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.66 -0.04 0.00	24.15 -0.20 0.00	24.16 -0.14 0.00	23.12 -0.17 0.00	23.31 -0.12 0.00	25.54 -0.08 0.00	25.51 0.03 0.00	26.71 0.13 0.00	28.31 0.26 0.00	26.17 0.22 0.00	25.60 0.38 0.00	32.53 0.57 0.00	33.86 0.60 0.00	36.01 0.49 0.00	38.67 0.52 0.00	40.65 0.63 0.00	36.46 0.84 0.00	38.98 1.22 0.00	41.82 1.24 0.00	39.32 1.14 0.00	38.82 0.78 0.00	40.23 1.03 0.00	34.43 0.76 0.00	33.09 0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.32 -0.39 0.00	23.87 -0.49 0.00	23.91 -0.39 0.00	22.88 -0.41 0.00	23.06 -0.36 0.00	25.23 -0.38 0.00	25.18 -0.30 0.00	26.35 -0.23 0.00	27.99 -0.07 0.00	25.89 -0.07 0.00	25.39 0.16 0.00	32.27 0.30 0.00	33.57 0.30 0.00	35.62 0.11 0.00	38.25 0.10 0.00	40.19 0.17 0.00	36.05 0.43 0.00	38.54 0.78 0.00	41.27 0.68 0.00	38.78 0.61 0.00	38.29 0.25 0.00	39.75 0.55 0.00	34.08 0.41 0.00	32.76 0.15 0.00
STA_56___34_KV_BUS2 355983	29.32 -0.39 0.00	23.87 -0.49 0.00	23.91 -0.39 0.00	22.88 -0.41 0.00	23.06 -0.36 0.00	25.23 -0.38 0.00	25.18 -0.30 0.00	26.35 -0.23 0.00	27.99 -0.07 0.00	25.89 -0.07 0.00	25.39 0.16 0.00	32.27 0.30 0.00	33.57 0.30 0.00	35.62 0.11 0.00	38.25 0.10 0.00	40.19 0.17 0.00	36.05 0.43 0.00	38.54 0.78 0.00	41.27 0.68 0.00	38.78 0.61 0.00	38.29 0.25 0.00	39.75 0.55 0.00	34.08 0.41 0.00	32.76 0.15 0.00
STA_67___115KV_BK2 355882	29.38 -0.32 0.00	23.92 -0.44 0.00	23.97 -0.33 0.00	22.94 -0.35 0.00	23.12 -0.30 0.00	25.30 -0.32 0.00	25.25 -0.23 0.00	26.41 -0.17 0.00	28.06 0.00 0.00	25.94 -0.02 0.00	25.44 0.22 0.00	32.34 0.37 0.00	33.61 0.35 0.00	35.65 0.14 0.00	38.27 0.12 0.00	40.20 0.18 0.00	36.05 0.43 0.00	38.55 0.78 0.00	41.27 0.68 0.00	38.78 0.61 0.00	38.31 0.28 0.00	39.81 0.61 0.00	34.16 0.49 0.00	32.84 0.23 0.00
STA_7___115KV_9TRANS 80674	29.60 -0.10 0.00	24.09 -0.27 0.00	24.13 -0.16 0.00	23.09 -0.21 0.00	23.27 -0.15 0.00	25.47 -0.15 0.00	25.42 -0.07 0.00	26.58 0.00 0.00	28.26 0.20 0.00	26.13 0.17 0.00	25.64 0.42 0.00	32.60 0.63 0.00	33.91 0.64 0.00	36.00 0.48 0.00	38.64 0.50 0.00	40.63 0.61 0.00	36.45 0.83 0.00	39.00 1.24 0.00	41.76 1.17 0.00	39.23 1.06 0.00	38.73 0.69 0.00	40.23 1.02 0.00	34.49 0.81 0.00	33.12 0.51 0.00
STA_82___115KV_TB1 80780	29.39 -0.31 0.00	23.93 -0.43 0.00	23.98 -0.32 0.00	22.95 -0.34 0.00	23.13 -0.29 0.00	25.31 -0.31 0.00	25.26 -0.22 0.00	26.42 -0.16 0.00	28.07 0.01 0.00	25.95 -0.01 0.00	25.45 0.23 0.00	32.34 0.37 0.00	33.63 0.36 0.00	35.66 0.14 0.00	38.29 0.14 0.00	40.22 0.20 0.00	36.06 0.45 0.00	38.55 0.79 0.00	41.28 0.69 0.00	38.80 0.63 0.00	38.33 0.29 0.00	39.84 0.64 0.00	34.18 0.51 0.00	32.86 0.25 0.00
STEEL___WIND 323596	29.24 -0.47 0.00	23.71 -0.64 0.00	23.85 -0.45 0.00	22.78 -0.51 0.00	23.01 -0.42 0.00	25.20 -0.42 0.00	25.18 -0.31 0.00	26.41 -0.17 0.00	28.21 0.15 0.00	26.04 0.08 0.00	25.69 0.47 0.00	32.64 0.68 0.00	33.83 0.57 0.00	36.10 0.22 -0.37	41.71 0.11 -3.45	44.30 0.19 -4.09	39.37 0.49 -3.27	42.08 0.92 -3.39	43.95 0.55 -2.81	40.82 0.48 -2.17	38.12 0.08 0.00	39.95 0.74 0.00	34.39 0.71 0.00	32.96 0.35 0.00
STEPHTWN_115KV_BK_2 55603	30.27 0.56 0.00	24.70 0.35 0.00	24.54 0.24 0.00	23.56 0.27 0.00	23.74 0.32 0.00	25.98 0.36 0.00	26.08 0.60 0.00	27.24 0.66 0.00	28.74 0.68 0.00	26.52 0.56 -1.03	26.75 0.49 0.00	32.51 0.55 0.00	34.02 0.75 0.00	36.27 0.75 0.00	38.97 0.82 0.00	40.99 0.96 0.00	36.84 1.22 0.00	39.07 1.31 0.00	41.95 1.36 0.00	39.54 1.36 0.00	39.35 1.31 0.00	40.56 1.36 0.00	34.57 0.89 0.00	33.52 0.91 0.00
STEUBEN_REC_LFGE 323667	30.62 0.92 0.00	24.55 0.20 0.00	24.68 0.38 0.00	23.27 -0.02 0.00	23.48 0.05 0.00	25.79 0.17 0.00	26.04 0.56 0.00	27.48 0.90 0.00	29.26 1.20 0.00	27.04 1.09 0.00	26.56 1.34 0.00	33.61 1.64 0.00	35.16 1.89 0.00	37.49 1.85 -0.12	40.98 1.69 -1.15	43.10 1.73 -1.35	38.62 1.92 -1.08	41.27 2.39 -1.11	44.00 2.50 -0.92	41.62 2.73 -0.72	40.42 2.38 0.00	42.12 2.92 0.00	36.05 2.38 0.00	34.57 1.96 0.00
STILLWATER___SOLAR 323814	31.35 1.64 0.00	25.56 1.20 0.00	25.49 1.19 0.00	24.43 1.14 0.00	24.61 1.18 0.00	26.96 1.34 0.00	26.98 1.50 0.00	28.21 1.63 0.00	29.65 1.59 0.00	27.26 1.30 -1.01	27.29 1.06 0.00	33.35 1.38 0.00	34.75 1.48 0.00	37.09 1.58 0.00	39.90 1.76 0.00	42.25 2.23 0.00	37.84 2.23 0.00	40.10 2.33 0.00	43.41 2.82 0.00	40.96 2.79 0.00	40.90 2.86 0.00	42.10 2.90 0.00	35.88 2.21 0.00	34.79 2.18 0.00
STONY___BROOK 24151	32.27 1.85 -0.71	25.69 1.33 0.00	25.30 1.01 0.00	24.20 0.91 0.00	24.38 0.95 0.00	26.81 1.20 0.00	26.99 1.51 0.00	28.52 1.94 0.00	30.17 2.11 0.00	28.09 2.14 0.00	33.90 2.15 -6.53	34.65 2.68 0.00	36.26 3.00 0.00	38.66 3.15 0.00	41.52 3.37 0.00	43.56 3.54 0.00	39.19 3.57 0.00	41.42 3.66 0.00	44.04 3.45 0.00	41.52 3.35 0.00	42.21 3.41 -0.76	42.53 3.33 0.00	36.14 2.47 0.00	34.95 2.34 0.00
STURGEON_POOL_HYD 23609	30.76 1.06 0.00	25.01 0.66 0.00	24.80 0.50 0.00	23.77 0.47 0.00	23.90 0.48 0.00	26.26 0.64 0.00	26.36 0.88 0.00	27.75 1.17 0.00	29.43 1.37 0.00	27.33 1.38 0.00	26.60 1.38 0.00	33.84 1.88 0.00	35.38 2.11 0.00	37.73 2.21 0.00	40.52 2.38 0.00	42.58 2.56 0.00	38.38 2.76 0.00	40.57 2.81 0.00	43.40 2.81 0.00	40.68 2.51 0.00	40.35 2.32 0.00	41.58 2.38 0.00	35.46 1.79 0.00	34.32 1.71 0.00
ST_LAW_115_BK7_LBMP 345037	29.55 -0.16 0.00	24.37 0.01 0.00	24.38 0.08 0.00	23.36 0.07 0.00	23.47 0.04 0.00	25.60 -0.02 0.00	25.32 -0.16 0.00	26.32 -0.26 0.00	27.74 -0.33 0.00	25.60 -0.35 0.00	24.96 -0.27 0.00	31.56 -0.40 0.00	32.68 -0.59 0.00	34.96 -0.56 0.00	37.61 -0.54 0.00	39.30 -0.72 0.00	50.94 -1.28 -16.61	36.59 -1.18 0.00	39.40 -1.19 0.00	37.03 -1.14 0.00	37.10 -0.93 0.00	38.14 -1.06 0.00	32.91 -0.76 0.00	31.87 -0.74 0.00

ST_LAW_115_BK8_LBMP 345038	29.55 -0.16 0.00	24.37 0.01 0.00	24.38 0.08 0.00	23.36 0.07 0.00	23.47 0.04 0.00	25.60 -0.02 0.00	25.32 -0.16 0.00	26.32 -0.26 0.00	27.74 -0.33 0.00	25.60 -0.35 0.00	24.96 -0.27 0.00	31.56 -0.40 0.00	32.68 -0.59 0.00	34.96 -0.56 0.00	37.61 -0.54 0.00	39.30 -0.72 0.00	50.94 -1.28 -16.61	36.59 -1.18 0.00	39.40 -1.19 0.00	37.03 -1.14 0.00	37.10 -0.93 0.00	38.14 -1.06 0.00	32.91 -0.76 0.00	31.87 -0.74 0.00
ST_LAW_230_BK5_LBMP 345035	29.56 -0.15 0.00	24.38 0.02 0.00	24.38 0.08 0.00	23.37 0.08 0.00	23.47 0.05 0.00	25.61 -0.01 0.00	25.34 -0.15 0.00	26.35 -0.23 0.00	27.76 -0.30 0.00	25.64 -0.32 0.00	24.99 -0.23 0.00	31.60 -0.37 0.00	32.74 -0.53 0.00	35.02 -0.50 0.00	37.66 -0.49 0.00	39.36 -0.66 0.00	44.44 -1.16 -9.98	36.69 -1.08 0.00	39.51 -1.08 0.00	37.13 -1.04 0.00	37.17 -0.87 0.00	38.21 -0.99 0.00	32.96 -0.72 0.00	31.91 -0.70 0.00
ST_LAW_230_BK6_LBMP 345036	29.56 -0.15 0.00	24.38 0.02 0.00	24.38 0.08 0.00	23.37 0.08 0.00	23.47 0.05 0.00	25.61 -0.01 0.00	25.34 -0.15 0.00	26.35 -0.23 0.00	27.76 -0.30 0.00	25.64 -0.32 0.00	24.99 -0.23 0.00	31.60 -0.37 0.00	32.74 -0.53 0.00	35.02 -0.50 0.00	37.66 -0.49 0.00	39.36 -0.66 0.00	44.44 -1.16 -9.98	36.69 -1.08 0.00	39.51 -1.08 0.00	37.13 -1.04 0.00	37.17 -0.87 0.00	38.21 -0.99 0.00	32.96 -0.72 0.00	31.91 -0.70 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.70 0.99 0.00	24.99 0.63 0.00	24.80 0.50 0.00	23.76 0.47 0.00	23.90 0.48 0.00	26.25 0.63 0.00	26.35 0.87 0.00	27.69 1.11 0.00	29.32 1.26 0.00	27.19 1.24 0.00	20.02 1.25 6.45	33.66 1.70 0.00	35.15 1.89 0.00	37.50 1.99 0.00	40.31 2.17 0.00	42.39 2.37 0.00	38.19 2.58 0.00	40.39 2.62 0.00	43.25 2.66 0.00	40.54 2.37 0.00	40.22 2.18 0.00	41.40 2.19 0.00	35.33 1.65 0.00	34.20 1.59 0.00
SWANROAD_115KV_TB1 355699	28.51 -1.19 0.00	23.16 -1.20 0.00	23.33 -0.97 0.00	22.29 -1.00 0.00	22.51 -0.92 0.00	24.59 -1.03 0.00	24.55 -0.93 0.00	25.69 -0.89 0.00	27.44 -0.62 0.00	25.30 -0.65 0.00	24.95 -0.27 0.00	31.66 -0.31 0.00	32.76 -0.50 0.00	34.37 -1.08 0.06	36.31 -1.28 0.56	38.03 -1.33 0.66	34.16 -0.92 0.53	36.70 -0.51 0.55	39.19 -0.94 0.46	36.94 -0.88 0.35	36.84 -1.19 0.00	38.67 -0.53 0.00	33.42 -0.26 0.00	32.14 -0.46 0.00
SYNERGY___BIOGAS 323694	29.83 0.13 0.00	24.21 -0.14 0.00	24.33 0.03 0.00	23.24 -0.04 0.00	23.47 0.05 0.00	25.69 0.07 0.00	25.69 0.21 0.00	26.94 0.36 0.00	28.68 0.63 0.00	26.38 0.42 0.00	25.93 0.70 0.00	32.88 0.92 0.00	34.12 0.86 0.00	36.00 0.56 0.08	38.02 0.59 0.71	39.88 0.70 0.84	35.86 0.92 0.68	38.57 1.50 0.70	41.52 1.52 0.58	39.29 1.57 0.45	39.23 1.20 0.00	40.93 1.72 0.00	35.13 1.46 0.00	33.66 1.05 0.00
SYRACUSE___ENERGY_ST1 323597	29.74 0.03 0.00	24.29 -0.07 0.00	24.21 -0.09 0.00	23.20 -0.09 0.00	23.36 -0.07 0.00	25.62 0.00 0.00	25.51 0.02 0.00	26.60 0.02 0.00	28.08 0.02 0.00	25.95 -0.01 0.00	25.25 0.03 0.00	32.06 0.09 0.00	33.43 0.16 0.00	35.68 0.16 0.00	38.32 0.17 0.00	40.23 0.21 0.00	33.36 0.42 2.67	38.29 0.52 0.00	41.16 0.57 0.00	38.72 0.55 0.00	38.43 0.39 0.00	39.65 0.45 0.00	33.94 0.26 0.00	32.77 0.16 0.00
SYRACUSE___ENERGY_ST2 323598	29.74 0.03 0.00	24.29 -0.07 0.00	24.21 -0.09 0.00	23.20 -0.09 0.00	23.36 -0.07 0.00	25.62 0.00 0.00	25.51 0.02 0.00	26.60 0.02 0.00	28.08 0.02 0.00	25.95 -0.01 0.00	25.25 0.03 0.00	32.06 0.09 0.00	33.43 0.16 0.00	35.68 0.16 0.00	38.32 0.17 0.00	40.23 0.21 0.00	33.36 0.42 2.67	38.29 0.52 0.00	41.16 0.57 0.00	38.72 0.55 0.00	38.43 0.39 0.00	39.65 0.45 0.00	33.94 0.26 0.00	32.77 0.16 0.00
SYRACUSE___POWER 24017	29.58 -0.12 0.00	24.17 -0.19 0.00	24.10 -0.20 0.00	23.09 -0.20 0.00	23.25 -0.18 0.00	25.47 -0.15 0.00	25.38 -0.10 0.00	26.48 -0.10 0.00	27.97 -0.09 0.00	25.87 -0.09 0.00	25.18 -0.04 0.00	31.96 0.00 0.00	33.33 0.07 0.00	35.58 0.07 0.00	38.23 0.08 0.00	40.11 0.09 0.00	32.94 0.29 2.96	38.14 0.38 0.00	40.99 0.40 0.00	38.56 0.38 0.00	38.26 0.22 0.00	39.50 0.31 0.00	33.82 0.14 0.00	32.65 0.04 0.00
TALLMAN___138KV_BK151 55660	30.83 1.13 0.00	25.07 0.72 0.00	24.87 0.57 0.00	23.83 0.54 0.00	23.97 0.55 0.00	26.34 0.72 0.00	26.46 0.98 0.00	27.84 1.25 0.00	29.50 1.44 0.00	27.40 1.44 0.00	17.93 1.46 8.75	33.95 1.99 0.00	35.48 2.21 0.00	37.83 2.31 0.00	40.67 2.52 0.00	42.75 2.73 0.00	38.55 2.94 0.00	40.74 2.98 0.00	43.61 3.02 0.00	40.85 2.68 0.00	40.49 2.45 0.00	41.67 2.47 0.00	35.54 1.86 0.00	34.42 1.82 0.00
TEALLAVE_115KV_TB7 355573	29.49 -0.22 0.00	24.09 -0.26 0.00	24.03 -0.27 0.00	23.03 -0.27 0.00	23.18 -0.25 0.00	25.39 -0.23 0.00	25.30 -0.18 0.00	26.40 -0.18 0.00	27.89 -0.16 0.00	25.81 -0.15 0.00	25.12 -0.11 0.00	31.88 -0.08 0.00	33.24 -0.03 0.00	35.48 -0.04 0.00	38.09 -0.06 0.00	39.96 -0.06 0.00	32.40 0.17 3.38	38.01 0.25 0.00	40.84 0.25 0.00	38.41 0.24 0.00	38.13 0.09 0.00	39.38 0.18 0.00	33.71 0.04 0.00	32.56 -0.05 0.00
TELGRAPH_34_KV_EAST 80808	29.23 -0.47 0.00	23.73 -0.62 0.00	23.87 -0.43 0.00	22.81 -0.48 0.00	23.03 -0.40 0.00	25.18 -0.44 0.00	25.16 -0.32 0.00	26.36 -0.22 0.00	28.13 0.08 0.00	25.94 -0.02 0.00	25.56 0.33 0.00	32.45 0.48 0.00	33.63 0.37 0.00	35.38 -0.05 0.09	37.17 -0.14 0.84	38.92 -0.11 0.99	35.02 0.20 0.79	37.62 0.67 0.82	40.34 0.43 0.68	38.08 0.44 0.53	38.10 0.06 0.00	39.87 0.66 0.00	34.33 0.66 0.00	32.96 0.35 0.00
TEMPLE___115KV_TB 2 55572	29.50 -0.21 0.00	24.10 -0.26 0.00	24.03 -0.26 0.00	23.03 -0.26 0.00	23.19 -0.23 0.00	25.40 -0.22 0.00	25.32 -0.17 0.00	26.41 -0.17 0.00	27.91 -0.14 0.00	25.82 -0.14 0.00	25.14 -0.08 0.00	31.90 -0.06 0.00	33.27 0.00 0.00	35.51 -0.01 0.00	38.13 -0.02 0.00	40.00 -0.02 0.00	32.52 0.20 3.30	38.05 0.28 0.00	40.86 0.28 0.00	38.44 0.27 0.00	38.14 0.11 0.00	39.40 0.20 0.00	33.73 0.05 0.00	32.58 -0.03 0.00
TIANA____69_KV_BK 1 55817	32.33 1.92 -0.71	25.75 1.40 0.00	25.35 1.06 0.00	24.24 0.95 0.00	24.43 1.00 0.00	26.87 1.25 0.00	27.06 1.58 0.00	28.60 2.02 0.00	30.28 2.22 0.00	28.24 2.29 0.00	34.07 2.32 -6.53	34.90 2.93 0.00	36.53 3.26 0.00	39.01 3.50 0.00	41.96 3.81 0.00	44.02 4.00 0.00	39.66 4.05 0.00	42.04 4.27 0.00	44.80 4.22 0.00	42.10 3.93 0.00	42.78 3.98 -0.76	43.08 3.88 0.00	36.53 2.85 0.00	35.23 2.63 0.00
TILDEN___115KV_TB1 80814	29.58 -0.12 0.00	24.17 -0.19 0.00	24.10 -0.20 0.00	23.09 -0.20 0.00	23.25 -0.18 0.00	25.47 -0.15 0.00	25.38 -0.10 0.00	26.48 -0.10 0.00	27.97 -0.09 0.00	25.87 -0.09 0.00	25.18 -0.04 0.00	31.96 0.00 0.00	33.33 0.07 0.00	35.58 0.07 0.00	38.23 0.08 0.00	40.11 0.09 0.00	32.94 0.29 2.96	38.14 0.38 0.00	40.99 0.40 0.00	38.56 0.38 0.00	38.26 0.22 0.00	39.50 0.31 0.00	33.82 0.14 0.00	32.65 0.04 0.00

TRIGEN___CC 323695	32.12 1.70 -0.71	25.53 1.17 0.00	25.22 0.92 0.00	24.13 0.84 0.00	24.29 0.87 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.33 1.75 0.00	29.96 1.90 0.00	27.86 1.91 0.00	33.73 1.98 -6.53	34.51 2.54 0.00	36.05 2.78 0.00	38.38 2.87 0.00	41.20 3.06 0.00	43.29 3.27 0.00	39.00 3.39 0.00	41.20 3.43 0.00	44.00 3.42 0.00	41.25 3.08 0.00	41.83 3.03 -0.76	42.34 3.14 0.00	36.10 2.43 0.00	34.89 2.28 0.00
TRINITY___115KV___4 BK 55933	29.98 0.28 0.00	24.55 0.19 0.00	24.45 0.15 0.00	23.46 0.16 0.00	23.59 0.17 0.00	25.83 0.21 0.00	25.86 0.37 0.00	27.01 0.43 0.00	28.47 0.41 0.00	26.31 0.36 0.00	26.49 0.24 -1.03	32.28 0.31 0.00	33.66 0.40 0.00	35.92 0.41 0.00	38.53 0.38 0.00	40.50 0.48 0.00	36.38 0.76 0.00	38.41 0.64 0.00	41.32 0.73 0.00	38.97 0.80 0.00	38.85 0.81 0.00	40.03 0.83 0.00	34.19 0.51 0.00	33.18 0.57 0.00
UNION___PROCESSING_DRP 323587	29.40 -0.30 0.00	23.93 -0.42 0.00	23.99 -0.31 0.00	22.95 -0.34 0.00	23.14 -0.29 0.00	25.32 -0.30 0.00	25.26 -0.22 0.00	26.43 -0.16 0.00	28.08 0.02 0.00	25.96 0.00 0.00	25.46 0.23 0.00	32.35 0.38 0.00	33.64 0.37 0.00	35.67 0.16 0.00	38.29 0.14 0.00	40.23 0.21 0.00	36.07 0.45 0.00	38.57 0.81 0.00	41.30 0.72 0.00	38.82 0.64 0.00	38.35 0.31 0.00	39.85 0.65 0.00	34.19 0.52 0.00	32.87 0.26 0.00
UPPER HUDSON___HYD 24058	31.76 2.05 0.00	25.80 1.45 0.00	25.74 1.44 0.00	24.67 1.38 0.00	24.88 1.45 0.00	27.24 1.62 0.00	27.29 1.81 0.00	28.61 2.03 0.00	30.05 2.00 0.00	27.58 1.62 0.00	27.43 1.24 -0.97	33.65 1.68 0.00	34.99 1.72 0.00	37.30 1.78 0.00	40.28 2.14 0.00	42.79 2.77 0.00	38.31 2.70 0.00	40.60 2.83 0.00	44.25 3.66 0.00	41.75 3.58 0.00	41.80 3.76 0.00	42.96 3.76 0.00	36.55 2.87 0.00	35.41 2.80 0.00
UPPER RAQUET___HYD 24056	29.09 -0.61 0.00	24.03 -0.33 0.00	24.04 -0.26 0.00	23.03 -0.25 0.00	23.14 -0.29 0.00	25.25 -0.36 0.00	24.99 -0.49 0.00	25.96 -0.62 0.00	27.31 -0.75 0.00	25.11 -0.84 0.00	24.46 -0.76 0.00	30.92 -1.05 0.00	31.95 -1.31 0.00	34.17 -1.34 0.00	36.77 -1.37 0.00	38.34 -1.68 0.00	-85.82 -2.43 119.00	35.55 -2.21 0.00	38.44 -2.15 0.00	36.34 -1.84 0.00	36.71 -1.33 0.00	37.57 -1.64 0.00	32.28 -1.39 0.00	31.21 -1.40 0.00
VALLEY44_115KV_TB2 355964	29.37 -0.34 0.00	23.76 -0.59 0.00	23.87 -0.43 0.00	22.81 -0.48 0.00	23.08 -0.34 0.00	25.33 -0.29 0.00	25.40 -0.09 0.00	26.70 0.12 0.00	28.49 0.43 0.00	26.31 0.35 0.00	25.81 0.59 0.00	32.69 0.73 0.00	33.91 0.64 0.00	36.23 0.43 -0.29	40.98 0.18 -2.65	43.43 0.27 -3.14	38.82 0.69 -2.51	41.28 0.92 -2.60	43.34 0.59 -2.16	40.30 0.46 -1.67	38.15 0.11 0.00	39.92 0.72 0.00	34.30 0.63 0.00	32.90 0.29 0.00
VALLEY___115KV_TB 1-4 80826	29.79 0.08 0.00	24.39 0.04 0.00	24.28 -0.02 0.00	23.26 -0.03 0.00	23.41 -0.01 0.00	25.60 -0.02 0.00	25.61 0.12 0.00	26.67 0.09 0.00	28.04 -0.02 0.00	25.84 -0.11 0.00	24.94 -0.28 0.00	31.59 -0.38 0.00	32.97 -0.30 0.00	35.37 -0.14 0.00	38.14 0.00 0.00	40.39 0.37 0.00	33.63 0.63 2.62	38.31 0.55 0.00	40.96 0.37 0.00	38.75 0.58 0.00	38.74 0.70 0.00	39.97 0.77 0.00	34.14 0.46 0.00	33.03 0.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.72 1.01 0.00	25.06 0.70 0.00	24.95 0.65 0.00	23.91 0.62 0.00	24.06 0.64 0.00	26.39 0.77 0.00	26.39 0.91 0.00	27.62 1.04 0.00	29.22 1.16 0.00	27.06 1.10 0.00	26.32 1.09 0.00	33.42 1.45 0.00	34.83 1.57 0.00	37.17 1.66 0.00	39.89 1.74 0.00	41.91 1.89 0.00	37.61 1.99 0.00	39.83 2.06 0.00	42.75 2.17 0.00	40.18 2.01 0.00	39.97 1.94 0.00	41.20 1.99 0.00	35.23 1.55 0.00	34.05 1.44 0.00
VISCHER___FERRY HYD 24020	30.67 0.96 0.00	25.09 0.74 0.00	25.01 0.72 0.00	23.99 0.70 0.00	24.14 0.72 0.00	26.43 0.82 0.00	26.44 0.96 0.00	27.61 1.03 0.00	29.07 1.01 0.00	26.79 0.83 0.00	26.93 0.65 -1.06	32.79 0.82 0.00	34.17 0.90 0.00	36.43 0.92 0.00	39.07 0.93 0.00	41.09 1.07 0.00	36.90 1.28 0.00	39.01 1.24 0.00	42.11 1.53 0.00	39.79 1.62 0.00	39.70 1.66 0.00	40.93 1.72 0.00	34.96 1.29 0.00	33.96 1.35 0.00
V_A_10_SYNC_DSASP 323832	28.84 -0.86 0.00	23.45 -0.90 0.00	23.58 -0.72 0.00	22.56 -0.73 0.00	22.76 -0.67 0.00	24.88 -0.74 0.00	24.84 -0.65 0.00	26.00 -0.58 0.00	27.70 -0.36 0.00	25.58 -0.38 0.00	25.17 -0.05 0.00	31.94 -0.02 0.00	33.12 -0.14 0.00	34.91 -0.56 0.05	37.05 -0.65 0.45	38.84 -0.65 0.53	34.87 -0.32 0.43	37.35 0.02 0.44	39.93 -0.29 0.36	37.59 -0.30 0.28	37.38 -0.66 0.00	39.07 -0.13 0.00	33.66 -0.02 0.00	32.37 -0.24 0.00
V_CMM_10_SYNC_DSASP 323787	29.67 -0.04 0.00	24.49 0.13 0.00	24.49 0.19 0.00	23.47 0.18 0.00	23.58 0.15 0.00	25.71 0.09 0.00	25.44 -0.05 0.00	26.45 -0.14 0.00	27.87 -0.19 0.00	25.72 -0.24 0.00	25.08 -0.15 0.00	31.72 -0.25 0.00	32.84 -0.43 0.00	35.14 -0.38 0.00	37.80 -0.34 0.00	39.51 -0.51 0.00	51.12 -1.10 -16.61	36.79 -0.98 0.00	39.60 -0.98 0.00	37.23 -0.95 0.00	37.29 -0.75 0.00	38.33 -0.87 0.00	33.07 -0.60 0.00	32.02 -0.59 0.00
V_CMP_10_SYNC_DSASP 323788	30.58 0.88 0.00	25.15 0.79 0.00	25.20 0.90 0.00	24.14 0.85 0.00	24.36 0.93 0.00	26.65 1.03 0.00	26.46 0.97 0.00	27.44 0.86 0.00	29.03 0.97 0.00	26.79 0.83 0.00	26.26 1.04 0.00	33.45 1.49 0.00	34.66 1.39 0.00	36.94 1.42 0.00	39.37 1.23 0.00	40.81 0.78 0.00	25.71 -0.02 9.89	37.56 -0.20 0.00	40.80 0.21 0.00	38.64 0.47 0.00	38.39 0.35 0.00	39.28 0.08 0.00	33.79 0.12 0.00	31.65 -0.96 0.00
V_D_10_SYNC_DSASP 323841	29.79 0.08 0.00	24.58 0.23 0.00	24.59 0.29 0.00	23.57 0.28 0.00	23.67 0.25 0.00	25.82 0.20 0.00	25.55 0.06 0.00	26.55 -0.03 0.00	27.96 -0.09 0.00	25.78 -0.17 0.00	25.14 -0.08 0.00	31.79 -0.18 0.00	32.90 -0.37 0.00	35.20 -0.32 0.00	37.88 -0.27 0.00	39.56 -0.47 0.00	61.21 -1.28 -26.87	36.66 -1.11 0.00	39.50 -1.09 0.00	37.19 -0.98 0.00	37.47 -0.57 0.00	38.49 -0.72 0.00	33.18 -0.50 0.00	32.13 -0.48 0.00
V_E_10_SYNC_DSASP 323830	31.61 1.90 0.00	25.71 1.35 0.00	25.68 1.39 0.00	24.57 1.28 0.00	24.80 1.37 0.00	27.24 1.62 0.00	27.32 1.84 0.00	28.65 2.07 0.00	30.25 2.19 0.00	27.64 1.69 0.00	26.94 1.72 0.00	33.90 1.94 0.00	35.34 2.07 0.00	37.72 2.21 0.00	40.28 2.14 0.00	42.19 2.17 0.00	38.01 2.39 0.00	40.86 3.10 0.00	44.04 3.46 0.00	41.71 3.54 0.00	41.53 3.49 0.00	42.92 3.71 0.00	36.58 2.91 0.00	35.18 2.57 0.00
V_F_30_NSYNC___DSASP 323816	31.41 1.70 0.00	25.60 1.25 0.00	25.53 1.23 0.00	24.47 1.18 0.00	24.65 1.23 0.00	27.00 1.39 0.00	27.03 1.55 0.00	28.27 1.69 0.00	29.73 1.67 0.00	27.33 1.38 0.00	27.37 1.15 -1.00	33.46 1.50 0.00	34.88 1.61 0.00	37.23 1.72 0.00	40.06 1.91 0.00	42.41 2.39 0.00	37.95 2.34 0.00	40.22 2.45 0.00	43.53 2.94 0.00	41.06 2.89 0.00	41.00 2.96 0.00	42.21 3.01 0.00	35.97 2.29 0.00	34.86 2.25 0.00



V_F_30_SYNC_DSASP 323786	30.12 0.42 0.00	24.66 0.31 0.00	24.56 0.26 0.00	23.57 0.28 0.00	23.70 0.28 0.00	25.95 0.33 0.00	25.98 0.50 0.00	27.15 0.56 0.00	28.61 0.55 0.00	26.45 0.50 0.00	26.62 0.39 -1.02	32.46 0.50 0.00	33.87 0.60 0.00	36.15 0.63 0.00	38.79 0.64 0.00	40.78 0.76 0.00	36.62 1.00 0.00	38.65 0.89 0.00	41.57 0.98 0.00	39.19 1.02 0.00	39.07 1.04 0.00	40.24 1.04 0.00	34.37 0.69 0.00	33.33 0.73 0.00
V_XM_10_SYNC_DSASP 323789	30.58 0.88 0.00	25.15 0.79 0.00	25.20 0.90 0.00	24.14 0.85 0.00	24.36 0.93 0.00	26.65 1.03 0.00	26.46 0.97 0.00	27.44 0.86 0.00	29.03 0.97 0.00	26.79 0.83 0.00	26.26 1.04 0.00	33.45 1.49 0.00	34.66 1.39 0.00	36.94 1.42 0.00	39.37 1.23 0.00	40.81 0.78 0.00	25.71 -0.02 9.89	37.56 -0.20 0.00	40.80 0.21 0.00	38.64 0.47 0.00	38.39 0.35 0.00	39.28 0.08 0.00	33.79 0.12 0.00	31.65 -0.96 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.94 1.23 0.00	25.16 0.81 0.00	24.95 0.65 0.00	23.90 0.61 0.00	24.05 0.62 0.00	26.43 0.81 0.00	26.56 1.07 0.00	27.94 1.35 0.00	29.60 1.55 0.00	27.49 1.53 0.00	17.44 1.55 9.34	34.07 2.11 0.00	35.61 2.34 0.00	37.97 2.46 0.00	40.82 2.68 0.00	42.92 2.89 0.00	38.71 3.10 0.00	40.90 3.13 0.00	43.77 3.18 0.00	41.00 2.83 0.00	40.65 2.62 0.00	41.83 2.63 0.00	35.68 2.00 0.00	34.54 1.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.14 1.44 0.00	25.30 0.94 0.00	25.08 0.78 0.00	24.04 0.75 0.00	24.18 0.75 0.00	26.58 0.96 0.00	26.73 1.25 0.00	28.16 1.57 0.00	29.86 1.80 0.00	27.75 1.80 0.00	33.31 1.83 -6.26	34.43 2.46 0.00	35.94 2.68 0.00	38.28 2.76 0.00	41.12 2.98 0.00	43.26 3.24 0.00	39.01 3.39 0.00	41.16 3.40 0.00	43.98 3.40 0.00	41.17 3.00 0.00	40.84 2.80 0.00	42.10 2.90 0.00	35.90 2.23 0.00	34.78 2.18 0.00
W50THST__13_KV_LOAD 356117	31.33 1.63 0.00	25.44 1.08 0.00	25.22 0.92 0.00	24.16 0.87 0.00	24.31 0.89 0.00	26.74 1.12 0.00	26.91 1.43 0.00	28.37 1.79 0.00	30.11 2.05 0.00	28.00 2.05 0.00	33.56 2.09 -6.26	34.77 2.80 0.00	36.29 3.03 0.00	38.65 3.14 0.00	41.51 3.36 0.00	43.66 3.64 0.00	39.39 3.77 0.00	41.56 3.80 0.00	44.37 3.78 0.00	41.51 3.34 0.00	41.17 3.13 0.00	42.42 3.22 0.00	36.17 2.49 0.00	35.03 2.42 0.00
WADING RIVER_IC_1 23522	31.90 1.48 -0.71	25.40 1.05 0.00	25.00 0.70 0.00	23.91 0.62 0.00	24.09 0.66 0.00	26.50 0.88 0.00	26.68 1.20 0.00	28.18 1.59 0.00	29.80 1.74 0.00	27.76 1.81 0.00	33.56 1.81 -6.53	34.24 2.28 0.00	35.85 2.58 0.00	38.25 2.73 0.00	41.11 2.96 0.00	43.03 3.01 0.00	38.77 3.15 0.00	41.06 3.30 0.00	43.76 3.18 0.00	41.20 3.03 0.00	41.99 3.19 -0.76	42.29 3.08 0.00	35.89 2.21 0.00	34.66 2.05 0.00
WADING RIVER_IC_2 23547	31.90 1.48 -0.71	25.40 1.05 0.00	25.00 0.70 0.00	23.91 0.62 0.00	24.09 0.66 0.00	26.50 0.88 0.00	26.68 1.20 0.00	28.18 1.59 0.00	29.80 1.74 0.00	27.76 1.81 0.00	33.56 1.81 -6.53	34.24 2.28 0.00	35.85 2.58 0.00	38.25 2.73 0.00	41.11 2.96 0.00	43.03 3.01 0.00	38.77 3.15 0.00	41.06 3.30 0.00	43.76 3.18 0.00	41.20 3.03 0.00	41.99 3.19 -0.76	42.29 3.08 0.00	35.89 2.21 0.00	34.66 2.05 0.00
WADING RIVER_IC_3 23601	31.90 1.48 -0.71	25.40 1.05 0.00	25.00 0.70 0.00	23.91 0.62 0.00	24.09 0.66 0.00	26.50 0.88 0.00	26.68 1.20 0.00	28.18 1.59 0.00	29.80 1.74 0.00	27.76 1.81 0.00	33.56 1.81 -6.53	34.24 2.28 0.00	35.85 2.58 0.00	38.25 2.73 0.00	41.11 2.96 0.00	43.03 3.01 0.00	38.77 3.15 0.00	41.06 3.30 0.00	43.76 3.18 0.00	41.20 3.03 0.00	41.99 3.19 -0.76	42.29 3.08 0.00	35.89 2.21 0.00	34.66 2.05 0.00
WALDENNY_12_KV_BK2 80841	29.27 -0.44 0.00	23.74 -0.61 0.00	23.87 -0.43 0.00	22.80 -0.49 0.00	23.02 -0.41 0.00	25.21 -0.41 0.00	25.19 -0.29 0.00	26.42 -0.17 0.00	28.24 0.18 0.00	26.08 0.12 0.00	25.73 0.51 0.00	32.71 0.74 0.00	33.89 0.63 0.00	36.14 0.29 -0.34	41.49 0.19 -3.16	44.00 0.25 -3.73	39.15 0.55 -2.99	41.86 1.00 -3.10	43.77 0.61 -2.57	40.69 0.53 -1.98	38.16 0.12 0.00	40.01 0.81 0.00	34.43 0.76 0.00	33.02 0.41 0.00
WALDEN__HYDRO 24148	30.85 1.15 0.00	25.10 0.74 0.00	24.91 0.61 0.00	23.87 0.58 0.00	24.01 0.58 0.00	26.36 0.74 0.00	26.46 0.98 0.00	27.82 1.24 0.00	29.45 1.39 0.00	27.31 1.35 0.00	24.69 1.35 1.87	33.79 1.82 0.00	35.29 2.02 0.00	37.65 2.14 0.00	40.50 2.35 0.00	42.57 2.55 0.00	38.41 2.80 0.00	40.63 2.87 0.00	43.49 2.90 0.00	40.78 2.61 0.00	40.46 2.43 0.00	41.67 2.47 0.00	35.52 1.85 0.00	34.39 1.79 0.00
WARRENSBURG____ 23737	31.76 2.05 0.00	25.80 1.45 0.00	25.74 1.44 0.00	24.67 1.38 0.00	24.88 1.45 0.00	27.24 1.62 0.00	27.29 1.81 0.00	28.61 2.03 0.00	30.05 2.00 0.00	27.58 1.62 0.00	27.43 1.24 -0.97	33.65 1.68 0.00	34.99 1.72 0.00	37.30 1.78 0.00	40.28 2.14 0.00	42.79 2.77 0.00	38.31 2.70 0.00	40.60 2.83 0.00	44.25 3.66 0.00	41.75 3.58 0.00	41.80 3.76 0.00	42.96 3.76 0.00	36.55 2.87 0.00	35.41 2.80 0.00
WATERSIDE____6 8 9 23538	31.21 1.51 0.00	25.37 1.02 0.00	25.16 0.86 0.00	24.12 0.82 0.00	24.25 0.82 0.00	26.66 1.04 0.00	26.81 1.32 0.00	28.23 1.65 0.00	29.92 1.86 0.00	27.82 1.86 0.00	33.35 1.87 -6.25	34.77 2.54 -0.27	36.30 2.73 -0.30	38.34 2.83 0.00	41.21 3.07 0.00	43.31 3.28 0.00	39.06 3.45 0.00	41.22 3.45 0.00	44.01 3.42 0.00	41.27 3.09 0.00	40.95 2.91 0.00	42.20 3.00 0.00	36.00 2.33 0.00	34.88 2.27 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.77 0.07 0.00	24.37 0.01 0.00	24.26 -0.04 0.00	23.25 -0.04 0.00	23.40 -0.02 0.00	25.61 -0.01 0.00	25.58 0.09 0.00	26.66 0.08 0.00	28.06 0.01 0.00	25.88 -0.08 0.00	25.02 -0.20 0.00	31.70 -0.27 0.00	33.05 -0.21 0.00	35.43 -0.09 0.00	38.19 0.05 0.00	40.28 0.26 0.00	33.47 0.47 2.62	38.16 0.39 0.00	40.95 0.37 0.00	38.67 0.49 0.00	38.56 0.52 0.00	39.78 0.57 0.00	34.01 0.33 0.00	32.92 0.32 0.00
WATSON__69_KV_BK 1 55734	32.65 2.23 -0.71	25.96 1.61 0.00	25.58 1.28 0.00	24.45 1.16 0.00	24.63 1.20 0.00	27.10 1.49 0.00	27.27 1.79 0.00	28.83 2.25 0.00	30.51 2.45 0.00	28.39 2.44 0.00	34.23 2.48 -6.53	35.08 3.12 0.00	36.71 3.45 0.00	39.14 3.63 0.00	42.03 3.89 0.00	44.21 4.19 0.00	39.80 4.19 0.00	42.08 4.32 0.00	44.91 4.32 0.00	42.19 4.03 0.00	42.80 4.00 -0.76	43.22 4.02 0.00	36.76 3.09 0.00	35.45 2.84 0.00
WDELAWARE__HYD 323627	30.29 0.59 0.00	24.65 0.29 0.00	24.44 0.14 0.00	23.41 0.13 0.00	23.54 0.12 0.00	25.85 0.23 0.00	25.95 0.46 0.00	27.27 0.69 0.00	28.87 0.81 0.00	26.74 0.79 0.00	24.70 0.79 1.31	33.08 1.11 0.00	34.61 1.34 0.00	36.78 1.26 0.00	38.80 0.65 0.00	40.94 0.91 0.00	36.92 1.31 0.00	39.05 1.29 0.00	41.94 1.36 0.00	39.29 1.12 0.00	38.99 0.96 0.00	41.83 2.63 0.00	35.98 2.30 0.00	34.75 2.15 0.00

WEST BABYLON___IC 23714	32.59 2.17 -0.71	25.92 1.56 0.00	25.55 1.25 0.00	24.42 1.13 0.00	24.60 1.17 0.00	27.06 1.45 0.00	27.22 1.74 0.00	28.77 2.19 0.00	30.43 2.38 0.00	28.32 2.36 0.00	34.16 2.41 -6.53	34.97 3.01 0.00	36.57 3.30 0.00	38.96 3.45 0.00	41.81 3.66 0.00	43.99 3.97 0.00	39.61 3.99 0.00	41.86 4.10 0.00	44.68 4.10 0.00	41.96 3.79 0.00	42.59 3.79 -0.76	43.08 3.88 0.00	36.73 3.05 0.00	35.41 2.80 0.00
WEST CANADA___HYD 24049	29.77 0.06 0.00	24.38 0.02 0.00	24.30 0.00 0.00	23.29 0.00 0.00	23.43 0.00 0.00	25.65 0.03 0.00	25.56 0.08 0.00	26.69 0.11 0.00	28.17 0.11 0.00	26.06 0.10 0.00	25.29 0.06 0.00	32.06 0.09 0.00	33.39 0.12 0.00	35.64 0.13 0.00	38.29 0.15 0.00	40.20 0.18 0.00	33.30 0.30 2.62	38.04 0.28 0.00	40.87 0.29 0.00	38.46 0.29 0.00	38.31 0.27 0.00	39.49 0.29 0.00	33.86 0.18 0.00	32.80 0.19 0.00
WESTERN_NY_WIND 24143	29.80 0.09 0.00	24.18 -0.17 0.00	24.30 0.01 0.00	23.22 -0.07 0.00	23.44 0.02 0.00	25.66 0.04 0.00	25.66 0.18 0.00	26.90 0.32 0.00	28.65 0.59 0.00	26.35 0.40 0.00	25.88 0.66 0.00	32.85 0.88 0.00	34.08 0.82 0.00	35.95 0.51 0.08	37.92 0.52 0.75	39.75 0.61 0.89	35.76 0.85 0.71	38.45 1.43 0.74	41.41 1.43 0.61	39.19 1.49 0.47	39.16 1.12 0.00	40.87 1.67 0.00	35.09 1.41 0.00	33.62 1.02 0.00
WESTOVER___LESR 323668	29.85 0.15 0.00	24.33 -0.03 0.00	24.28 -0.02 0.00	23.23 -0.06 0.00	23.41 -0.01 0.00	25.68 0.07 0.00	25.67 0.19 0.00	26.88 0.30 0.00	28.46 0.40 0.00	26.28 0.33 0.00	25.61 0.39 0.00	32.51 0.55 0.00	33.88 0.62 0.00	36.20 0.65 -0.04	39.13 0.62 -0.36	41.14 0.70 -0.42	36.88 0.92 -0.34	39.12 1.01 -0.35	41.83 0.96 -0.29	39.30 0.91 -0.22	38.74 0.70 0.00	40.11 0.90 0.00	34.32 0.64 0.00	33.06 0.45 0.00
WETHRSFD_WT_PWR 323626	29.06 -0.65 0.00	23.54 -0.81 0.00	23.63 -0.67 0.00	22.54 -0.75 0.00	22.78 -0.65 0.00	25.02 -0.60 0.00	25.03 -0.45 0.00	26.25 -0.33 0.00	28.01 -0.05 0.00	25.84 -0.12 0.00	25.44 0.22 0.00	32.33 0.36 0.00	33.55 0.29 0.00	35.63 -0.03 -0.14	39.30 -0.17 -1.33	41.49 -0.11 -1.57	37.12 0.25 -1.26	39.64 0.57 -1.31	41.89 0.22 -1.08	39.22 0.22 -0.84	37.85 -0.19 0.00	39.67 0.46 0.00	34.12 0.44 0.00	32.68 0.08 0.00
WHAVSTOR_138KV_BK127 55557	30.82 1.11 0.00	25.07 0.71 0.00	24.85 0.55 0.00	23.82 0.53 0.00	23.96 0.53 0.00	26.33 0.71 0.00	26.45 0.96 0.00	27.82 1.24 0.00	29.47 1.41 0.00	27.36 1.41 0.00	17.19 1.42 9.45	33.90 1.93 0.00	35.41 2.15 0.00	37.76 2.24 0.00	40.57 2.43 0.00	42.66 2.64 0.00	38.47 2.86 0.00	40.65 2.88 0.00	43.51 2.92 0.00	40.77 2.60 0.00	40.42 2.39 0.00	41.61 2.41 0.00	35.50 1.82 0.00	34.39 1.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.82 1.11 0.00	25.07 0.71 0.00	24.85 0.55 0.00	23.82 0.53 0.00	23.96 0.53 0.00	26.33 0.71 0.00	26.45 0.96 0.00	27.82 1.24 0.00	29.47 1.41 0.00	27.36 1.41 0.00	17.19 1.42 9.45	33.90 1.93 0.00	35.41 2.15 0.00	37.76 2.24 0.00	40.57 2.43 0.00	42.66 2.64 0.00	38.47 2.86 0.00	40.65 2.88 0.00	43.51 2.92 0.00	40.77 2.60 0.00	40.42 2.39 0.00	41.61 2.41 0.00	35.50 1.82 0.00	34.39 1.79 0.00
WHITEHAL_115KV_TB1 80871	32.76 3.06 0.00	26.34 1.98 0.00	26.35 2.06 0.00	25.29 2.00 0.00	25.60 2.17 0.00	27.95 2.33 0.00	28.00 2.52 0.00	29.53 2.94 0.00	30.84 2.79 0.00	28.02 2.07 0.00	27.82 1.62 -0.98	34.28 2.31 0.00	35.49 2.22 0.00	37.75 2.23 0.00	41.14 2.99 0.00	43.96 3.94 0.00	39.69 4.07 0.00	41.99 4.23 0.00	46.02 5.44 0.00	43.44 5.27 0.00	43.37 5.34 0.00	44.55 5.35 0.00	37.82 4.15 0.00	36.81 4.20 0.00
WHITEPLN_13_KV_LOAD 356215	31.29 1.59 0.00	25.44 1.08 0.00	25.22 0.92 0.00	24.16 0.87 0.00	24.31 0.88 0.00	26.72 1.10 0.00	26.86 1.38 0.00	28.30 1.72 0.00	30.00 1.94 0.00	27.88 1.92 0.00	33.83 1.94 -6.67	34.56 2.60 0.00	36.11 2.84 0.00	38.51 2.99 0.00	41.38 3.24 0.00	43.54 3.52 0.00	39.27 3.65 0.00	41.48 3.72 0.00	44.35 3.77 0.00	41.54 3.37 0.00	41.19 3.15 0.00	42.41 3.21 0.00	36.13 2.46 0.00	34.96 2.35 0.00
WM_FLOYD_69_KV_BK2 356380	32.17 1.75 -0.71	25.63 1.27 0.00	25.23 0.93 0.00	24.13 0.83 0.00	24.31 0.88 0.00	26.73 1.11 0.00	26.92 1.44 0.00	28.43 1.85 0.00	30.06 2.00 0.00	27.99 2.03 0.00	33.76 2.01 -6.53	34.49 2.52 0.00	36.10 2.83 0.00	38.50 2.99 0.00	41.37 3.23 0.00	43.42 3.40 0.00	39.12 3.50 0.00	41.44 3.68 0.00	44.21 3.63 0.00	41.60 3.43 0.00	42.30 3.50 -0.76	42.62 3.41 0.00	36.17 2.50 0.00	34.94 2.33 0.00
WOODARD___115KV_TB2 355635	29.46 -0.25 0.00	24.07 -0.28 0.00	24.01 -0.29 0.00	23.01 -0.28 0.00	23.17 -0.26 0.00	25.36 -0.25 0.00	25.27 -0.21 0.00	26.36 -0.22 0.00	27.85 -0.20 0.00	25.75 -0.21 0.00	25.05 -0.17 0.00	31.80 -0.16 0.00	33.15 -0.12 0.00	35.38 -0.14 0.00	38.00 -0.15 0.00	39.88 -0.14 0.00	32.51 0.08 3.18	37.92 0.15 0.00	40.73 0.14 0.00	38.32 0.15 0.00	38.04 0.01 0.00	39.27 0.07 0.00	33.62 -0.05 0.00	32.48 -0.12 0.00
YORK___WARBASSE 23770	31.30 1.60 0.00	25.45 1.10 0.00	25.23 0.93 0.00	24.17 0.88 0.00	24.31 0.89 0.00	26.73 1.11 0.00	26.86 1.38 0.00	28.27 1.69 0.00	29.95 1.90 0.00	27.84 1.88 0.00	33.36 1.88 -6.25	34.82 2.59 -0.27	36.34 2.77 -0.30	38.39 2.87 0.00	41.25 3.11 0.00	43.36 3.34 0.00	39.16 3.55 0.00	41.31 3.55 0.00	44.13 3.54 0.00	41.43 3.25 0.00	41.12 3.08 0.00	42.38 3.18 0.00	36.19 2.52 0.00	35.05 2.45 0.00